



Eastern Interconnection Planning Collaborative

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Steady State Modeling and Load Flow Working Group

2020 Roll-Up Model Report

DRAFT

September 24, 2010



Executive Summary

This report details the efforts of the EIPC SSMLFWG base case working group in their efforts to create a roll-up model of the entire Eastern Interconnection in the year 2020 for the purposes of analysis and future EIPC study work. The group is chaired by representatives from Southern Company, with other organizations serving different roles within the group.

After the establishment of the base model, representatives from Tennessee Valley Authority (TVA) performed a thorough linear transfer analysis on the model in order to identify any possible future loading problems that could occur between PAs as a result of future generation and/or transmission project construction. This, in addition to the gap analysis performed by each working group organization on their own respective area, was performed to establish a baseline for possible future study and construction work by neighboring areas. The results of both sets of analyses are included within this report, as well as information detailing the creation, layout, and parameters of the 2020 roll-up case used.



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Section 1 Introduction

On May 21, 2009, the Eastern Interconnection Planning Collaborative was formed by representatives from Planning Authorities (“PAs”) in the Eastern Interconnection. This group agreed to initiate the technical work to facilitate coordination of existing transmission plans, conduct reliability analyses of the combined interconnection system, and conduct studies to support state, provincial, regional or federal public policy decision making. The group completed an application for funding from the U.S. Department of Energy (DOE) in response to FOA-0000068. The application was submitted by PJM Interconnection, LLC on behalf of PAs representing the entire Eastern Interconnection. Eight PAs elected to represent the Eastern Interconnection as Principal Investigators (PIs). In addition to the eight principal investigators and Eastern Interconnection Planning Collaborative (EIPC) planning authorities, additional participants to the DOE bid include Charles River Associates (CRA) and the Keystone Center.

Each PI is listed below:

1. PJM Interconnection, L.L.C. (“PJM”)
2. New York Independent System Operator, Inc. (“NYISO”)
3. ISO New England, Inc. (“ISO-NE”)
4. Midwest Independent Transmission System Operator, Inc. (“MISO”)
5. Southern Company Services Inc. (“Southern”), as agent for
 - a. Alabama Power Company
 - b. Georgia Power Company
 - c. Gulf Power Company
 - d. Mississippi Power Company
6. Tennessee Valley Authority (“TVA”)
7. Mid-Continent Area Power Pool, by and through its agent, MAPPCOR
8. Entergy Services, Inc. on behalf of the Entergy Corporation Utility Operating Companies (“Entergy”)

On Dec. 18, 2009, the EIPC was selected by DOE to receive approximately \$16 Million. PJM elected to serve as the Lead PI for the DOE Project.

The EIPC is intended to build upon the regional transmission expansion plans developed each year (plans that are well vetted through the respective FERC Order 890 Regional Planning Processes). The EIPC provides a transparent and collaborative venue to interested stakeholders: states, provincial and federal policy makers, consumers, environmental interests, transmission planning authorities and market participants that generate, transmit or consume electricity within the Eastern Interconnection.

The purpose of the Steady State Modeling and Load Flow Working Group (SSMLFWG) is to:

1. Modify/create steady state load-flow models
2. Conduct steady-state load-flow analysis (including transfer capability)
3. Report results as required/necessary

The EIPC Web site contains a detailed description of the work to be performed as part of the DOE funding:

http://www.eipconline.com/Documents/EIPSC_SSC_Proposal_5-6-10.pdf



Eastern Interconnection Planning Collaborative

For an overview of the process, related to the DOE funding, that will be employed by the EIPC SMLFWG, see the flowchart depicted in Figure 1 below. Dates represented are tentative and for illustration purposes only.



Section 2 Roll-up of 2020 Plans

2.1 Introduction

This section details assumptions made by each PA in determining the parameters and structure of their respective networks in the 2020 roll-up model. This includes load forecasting procedures, future generation and transmission project inclusion criteria, interchanges with other systems, generation dispatch scenarios, and the potential impact of demand resources.

In creating the 2020 roll-up case, each PA submitted to TVA models of their respective systems, which were then assembled into one complete model used by TVA for the linear transfer analysis. The case went through several iterations of review and validation by the working group in order to identify any errors in the case before any study work was performed.

2.2 Load Forecast Growth Rates

Alcoa Power Generating

APGI-Yadkin's load growth is less than 1% per year.

Duke Energy Carolinas (DEC)

Duke Energy Carolinas expects an average growth rate of 1.6% through 2020 summer for a control area load of approximately 22,800 MW.

E.ON

All LSEs on the E.ON U.S. transmission system provide load forecasts annually of the Network Load levels. E.ON U.S.'s LSE load level is based on the Company 50/50 forecast with all curtailable loads being served. Currently, E.ON U.S. expects an average growth rate of approximately 1.0% through 2020 for a total system forecasted load of 8849 MW in the 2020 EIPC case.

Electric Energy Inc.

Entergy Services

Entergy's Load forecast of the EES control area load of The Entergy Electric System (EES) of 28,864 MW represents a compounded annual growth rate of approximately 1.3%. The load forecasts for the Entergy System peak load contained in the 2020 roll-up model is based on the most recent full calendar year (January-December) coincident System peak demand. The most recent peak demand provided by load serving entities ("LSEs") is used because it reasonably reflects load adjustments (e.g., losses, load growth, load reductions, cogeneration) that would have occurred prior to the peak load period. If there are significant load changes (additions or reductions) that occurred within the System after the summer peak, the load forecast is adjusted to take these changes into consideration. The LSEs are required to provide a load forecast annually to the Transmission Provider. The types of loads represented in these load forecasts include the loads of the following customer types: retail, wholesale (including wholesale load under the Tariff and grandfathered agreements), industrial, nuclear generating facility, and cogenerating facility.

Florida Power & Light (FPL)



Independent Electricity System Operator (IESO)

As of November 2009, the Ontario normal weather peak demand for the Summer 2020 was forecasted to be 22,497 MW, reflecting a net annualized 10 year growth rate of -0.7%. The normal weather scenario is based on historical weather from the past 31 years and represents typical weather on a monthly basis.

The main reasons for the reduction of the Ontario demand are lower economic growth, energy conservation, utilization of embedded generation and changes in electricity consumption patterns due to the introduction of time of use rates at the residential level.

ISO New England (ISO-NE)

ISO New England (ISO-NE) expects an average annual growth rate of 0.99%¹ through 2020 summer for a control area load of approximately 31,033 MW, based on the 50/50 load forecast. With the addition of 1,969 MW of Demand Resource load reduction, the ISO-NE estimates the control area load to be 29,064 MW.

JEA

MAPPCOR

Mid-Continent Area Power Pool (MAPP) Transmission Owners provide load forecast data annually through the MAPP and MRO model building process. MAPP expects an average growth rate of 1.5% through the 2020 summer for a control area load of approximately 9,352 MW.

MEAG Power

MEAG works with its 49 members (48 cities and one county in Georgia) to develop a load forecast for each of their delivery points. MEAG uses economic data to develop a forecast for each member. These are inputs to the ITS load Forecast, which is used by Southern Company to develop the base case load model for the ITS.

Midwest ISO (MISO)

For Midwest ISO members, model load is reflective of Load Serving Entity forecasts as provided by the Transmission Owners through the Midwest ISO Transmission Expansion Plan (MTEP) reliability model building process. The calculated annual growth rate for the combined Midwest ISO member systems for the period 2010 through 2020 is 0.92%.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

The New York Independent System Operator (NYISO) is forecasting a base 2020 summer peak load for the New York Control Area (NYCA) of approximately 35,300 MW which represents an average annual growth rate of 0.78% through 2020.

PJM Interconnection

¹ Based on load growth percentage from 2018 to 2019 since the ISO-NE 2010 Load Forecast is 2010-2019.



PowerSouth Energy Cooperative

PowerSouth's demand and energy forecasts are based on weather and economic conditions that are used in the modeling process. There is a degree of uncertainty associated with these factors. The "Most Probable" scenario, otherwise referred to as a "50/50" probabilistic forecast method, is developed using normal weather conditions and normal economic factors (consumer growth and per capita real income). Historical demand is used to allocate the projected non-coincident peak (NCP) demand from the energy models of the individual member systems to their substation level. Member systems power factors are applied at the substation level to convert from MW to MVA. Additionally, coincidence factors are applied to the individual delivery point peak demands to arrive at a coincident peak load flow model. The application of coincidence factors ensures that the energy and demand models concur.

Progress Energy Carolinas

Progress Energy Carolinas (PEC) updates its power flow models on an annual basis. Loads plus losses at the transmission level will be scaled to match the system forecast for each load level. Progress Energy Carolinas (PEC) expects an average growth rate of 1.8% of its area through 2020 summer for a control area load of approximately 15,476 MW.

Progress Energy Florida

Santee Cooper

The load forecast used in the EIPC roll up model was prepared by Santee Cooper in conjunction with Central Electric Power Cooperative, Inc. staff and a consulting firm. The load forecast incorporates updates of the end-use/econometric models developed by consulting firm and is based on normal weather assumptions. The forecast utilizes historical data and a current economic outlook for Santee Cooper's service areas. The forecast for industrial customers reflects any additions and changes to existing contracts. The load forecast includes estimated demand and energy savings from future energy efficiency programs to be implemented by Santee Cooper and Central. Santee Cooper is forecasting a base 2020 summer peak load of approximately 6,558 MW which represents an average annual growth rate of 2.6% through 2020.

SCANA / SCE&G

Southern Company

Southern Company is projecting a net annualized 10 year growth rate of 2.13%. This will result in a projected load of 57,385 MW in 2020.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

The load forecast used in EIPC roll-up model used TVA's official February 2010 delivery point load forecast provided by TVA's Forecasting & Competitive Intelligence (F&CI) group. This forecast is a coincident system summer peak forecast assuming normal weather patterns and a medium economic outlook. This load forecast is a 50/50 load projection; where there is a 50% chance the actual load will be higher or lower than the forecast.



TVA's load forecast for summer peak 2010 is 30,738 MW. The load forecast for summer peak 2020, which was used in the EIPC roll-up model, is 37,213 MW. This reflects a 2.1% load growth over the next 10 years.

2.3 Impact of Energy Efficiency and Demand-Side Resources

Alcoa Power Generating

APGI-Yadkin's load is so small there is no plans for Energy Efficiency or Demand Resources programs.

Duke Energy Carolinas

Energy efficiency efforts as required to meet state requirements have been incorporated into the load in the model. For 2020 summer, efficiency efforts constitute an approximate reduction of 450 MW of load modeled. Impact of the application of DSM was not included in modeled load.

E.ON

The E.ON U.S. demand forecast includes the effects of Demand Side Management programs, such as A/C cycling. Curtailable demand is included in the forecast (in other words – not curtailed).

Electric Energy Inc.

Entergy Services

Entergy's load projections included in the 2020 roll up model take into consideration energy efficiency impacts currently required by the states. The modeled loads do not reflect a reduction associated with interruptible contracts signed with large industrial customers in the area.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

Demand side programs included in the load forecast: 4,491 MW. These include: energy conservation, fuel switching and changes in electricity consumption patterns due to the introduction of time of use rates at the residential level.

ISO New England (ISO-NE)

Energy efficiency measures that have cleared in the most recent Forward Capacity Auction² have been incorporated into the load in the model. For the summer of 2020, a total of 1,073 MW of Passive Demand Resources (On-Peak and Seasonal-Peak) and 1,194 MW of Active Demand Resources (Real Time Demand Resource) were modeled in the roll-up case. Active Demand Resources are considered at 75% availability, reducing their amount to 896 MW of Active DR for a total of 1,969MW of load reduction.

JEA

² 2009 Forward Capacity Auction #3 for Commitment Period June 1, 2012 to May 31, 2013.



MAPPCOR

Energy efficiency efforts as required to meet state requirements are incorporated into the reported load in the model through the MAPP and MRO model building process. The impact of the application of DSM was not included in the modeled load.

Midwest ISO (MISO)

For Midwest ISO members, load projections for planning horizon power flow models are provided by the member systems that perform their own load forecasting. Energy efficiency and demand-side adjustments are incorporated into those load projections consistent with the local transmission planning practices of each member system.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

Energy efficiency efforts as required to meet state requirements have not been fully incorporated into the load forecast as the programs are just beginning and a level of conservatism in the base case was desired. For 2020 summer, if the full targets of statewide required efficiency efforts were assumed to be fully met (15% by 2015), an additional reduction in the forecast peak of approximately 2,500 MW would occur. Impacts of demand side programs such as EDRP are not included in the forecasted load. Interruptible load, and distributed generation resources of approximately 2,250 MWs (referred to as Special Case Resources in New York) are not included.

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth Energy Cooperative's Marketing Department annually evaluates current and new Demand-Side Management (DSM) programs and measures for PowerSouth's load forecast. PowerSouth strives to offer products and services targeted at overall kWh growth, while minimizing peak demand impacts and contributions, which in turn lower member's average retails cost.

Progress Energy Carolinas

Energy efficiency and DSM efforts as required to meet state requirements have been incorporated into the load in the model. For 2020 summer, these program efforts constitute an approximate reduction of 1,425 MW of load modeled. The 2020 total load modeled is reduced by energy efficiency, but the 2020 load was not reduced by DSM.

Progress Energy Florida

Santee Cooper

The load forecast used in the EPIC roll up model was prepared by Santee Cooper in conjunction with Central Electric Power Cooperative, Inc. staff and a consulting firm. The load forecast incorporates updates of the end-use/econometric models developed by consulting firm and is based on normal weather assumptions. The forecast utilizes historical data and a current economic outlook for Santee Cooper's service areas. The forecast for industrial customers reflects any additions and changes to existing contracts. The load forecast includes estimated demand and energy savings from future energy efficiency programs to be implemented by Santee Cooper and Central. Santee Cooper is forecasting a base 2020



summer peak load of approximately 6,558 MW which represents an average annual growth rate of 2.6% through 2020.

SCANA / SCE&G

Southern Company

Southern Company is projecting 996 MW of demand-side programs (including energy efficiency programs) that have been included in the 2020 load forecast.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

TVA has an aggressive energy efficiency and demand-side management initiative, projecting over 2,400 MW under the program by 2020. This program primarily focuses in the areas of pricing products and direct load control of large industrial customers, HVAC equipment, and water heaters. However due to the difficulty in predicting which specific delivery points will be affected by these programs, TVA does not include the effects of energy efficiency and demand-side management in the load forecasts used in determining TVA's transmission expansion plan.

2.4 Interchange or Firm Transmission Service Modeled

Alcoa Power Generating

APGI-Yadkin had no purchases or sells in the 2020 model.

Duke Energy Carolinas

Duke has a net export to CPLE of 995 MW from Rowan and Broad River Energy Center serving Progress Energy load, while NCEMC resources in CPLE and Duke are shared between the areas. NCEMC also has an export 50 MW of its resources to serve its load in DVP (a part of PJM). Duke imports 268 MW from SEPA's generation on the Savannah River and 31 MW from SOCO to serve the city of Seneca, SC. The resultant net interchange is an export of 746 MW.

Please refer to Appendix E for detailed Interchange information for this PA.

E.ON

Please refer to Appendix E for detailed Interchange information for this PA.

Electric Energy Inc.

Entergy Services

The transactions included in the Entergy Electric System Balancing Authority, Area 351 includes all firm long-term transactions that have service through the model year or qualify for rollover rights per Entergy's policy on granting such rights. No partial path transactions are included in the model. :

Please refer to Appendix E for detailed Interchange information for this PA.

Florida Power & Light (FPL)



Independent Electricity System Operator (IESO)

Please refer to Appendix E for detailed Interchange information for this PA.

JEA

MAPPCOR

Please refer to Appendix E for detailed Interchange information for this PA.

MEAG Power

In accordance with the agreements governing the ITS, MEAG Power is allocated a portion of the Georgia ITS interface capacity. All of MEAG's confirmed annual transmission reservations are provided to Southern Company for inclusion in the base case.

Midwest ISO (MISO)

For Midwest ISO members, internal interchange is based on the market dispatch. Inter-market interchange is determined based on currently known net firm drive-in and drive-out transactions between Midwest ISO member control areas and external control areas. {Need to include area interchange table for driver-in and -out transactions.}

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

The NYISO coordinates its interchange schedule with its neighbors and represents firm transactions and the expected continuance of current external ICAP providers.

PJM Interconnection

PowerSouth Energy Cooperative

Please refer to Appendix E for detailed Interchange information for this PA.

Progress Energy Carolinas

PEC includes confirmed annual firm transmission service requests that are in accordance with resource projections provided by LSE's and executed contracts for the sale of firm energy.

Please refer to Appendix E for detailed Interchange information for this PA.

Progress Energy Florida

Santee Cooper

The area interchange schedule consists of both imports and exports with a net interchange import of 1595 MW. Santee Cooper's scheduled imports for 2020 summer consist of Santee Cooper's share of Summer Units #1-#3 for a total of 1370 MW with additional imports scheduled under grandfathered contracts with Southeastern Power Administration for 275 MW. Santee Cooper's scheduled exports are for grandfathered exports to woodland Hills for 16 MW, and to Charleston Navy for 15 MW and New



Horizons (to SCE&G) for 50 MW. There are no firm transmission service requests modeled in the 2020 Summer model.

SCANA / SCE&G

Southern Company

Southern Company's area interchange assumptions in the 2020 EIPC model include 2,200 MW of imports and 3,286 MW of exports, resulting in a net interchange of 1,086 MW. Details of Southern Company's area interchange assumptions are included in Appendix E.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

Please refer to Appendix E for detailed Interchange information for this PA.

2.5 Criteria for Future Project Inclusion

Alcoa Power Generating

APGI-Yadkin has no plans for future new or improvements on the present transmission.

Duke Energy Carolinas

Transmission facilities that are approved & budgeted or where construction has begun are included in the models. Other projects the planners believe have a high certainty of being in service in the year being modeled are also included. Engineering judgment is applied such that a new or upgraded facility that is marginally needed may not be included in the base model so that the timing of the need for the facility can be accurately determined.

E.ON

See E.ON U.S. model assumption narrative.

Electric Energy Inc.

Entergy Services

Entergy included in the 2020 roll-up model transmission projects identified in Entergy's 2010 – 2012 Final Construction Plan Update 5 posted on OASIS. This includes projects identified as either Approved, Proposed and In Target, or listed in the Identified Target Areas section of the construction plan. An Approved project is a project that is committed to being completed by the projected in service date. A project shown as Proposed and In Target is a project that is currently funded for scoping and preliminary engineering with an expected construction commencement date within the three year Construction Plan horizon. Identified Target Area projects are conceptual in nature and have been identified in the annual 10 year reliability assessment but are not included in the current three year construction plan window. Due to the uncertainty of the future, final scopes and timing of these conceptual projects could vary.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

The Ontario load flow was prepared with the assumptions based on available data up to May 31, 2010. The starting point was the MMWG 2009 Series 2020 base case; typically MMWG base cases include only committed facilities. In that base case, the network data for the IESO (control area 103) was updated with transmission and generation projects proposed or planned up to summer 2020. Those updates include all significant changes in the power system of Ontario that will be completed or planned by summer 2020 primarily based on the following sources. These plans are currently under review.

- i) the Ontario Reliability Outlook dated December 2009 and can be found at http://ieso.com/imoweb/pubs/marketReports/ORO_Report-Dec2009.pdf;
- ii) Renewable generation addition based on approved applications for the Feed-In-Tariff (FIT) program, Ontario's agreement with the Korean Consortium, and other anticipated renewable addition as a result of proposed transmission development;
- iii) all other proposed transmission and generation projects in Ontario that passed the IESO Connection Assessment and Approval (CAA) process by summer 2010;
- iv) the 18-Month Outlook: Ontario Demand Forecast dated May 2010 and can be found at http://www.ieso.ca/imoweb/pubs/marketReports/18Month_ODF_2010may.pdf;
- v) September 2009 initiative of Ontario Minister of Energy and Infrastructure regarding "Expanding Transmission to Better Harvest Renewable Energy" that can be found at <http://www.news.ontario.ca/mei/en/2009/09/expanding-transmission-to-better-harvest-renewable-energy.html> The long term transmission projects (last three items of this initiative) are not modeled in the 2020 case because they were considered to be beyond the scope of work of this collaborative;
- vi) The Ontario Regulation 496/07 under the Environmental Protection Act that can be found at http://www.e-laws.gov.on.ca/html/regis/english/elaws_regs_070496_e.htm;
- vii) Converting coal units to biomass that can be found at <http://www.news.ontario.ca/mei/en/2009/09/ontario-power-generations-opg-biomass-energy-program.html>

ISO New England (ISO-NE)

ISO New England's portion of the 2020 roll-up case includes all future projects that have been approved under Section I.3.9 of the ISO New England Tariff. Pursuant to Section I.3.9, the ISO reviews proposals for new generation and transmission facilities rated at or above 69 kV. If it is determined that a project would not have a significant adverse impact on the stability, reliability and operating characteristics of existing electrical infrastructure, the ISO would approve the project for interconnection to the grid. Projects that have reached this stage are assumed to be in service for the 2020 roll-up case. Generation projects which are current and active in the ISO New England generation interconnection processes, and which have been reviewed pursuant to Section I.3.9, have been included in the model.

In the case of transmission projects, projects submitted for review pursuant to Section I.3.9 are those which are being developed and generally supported as part of the New England regional transmission planning process.

JEA



MAPPCOR

MAPP's expansion planning process is an annual process for the 10-year planning horizon. For this 10-year planning horizon needed enhancements to the existing transmission system are identified for the next 10 years. The expansion of the transmission system is based on MAPP's updated models with the ERAG MMWG models representing the external system. The transmission and resource assumptions included are the latest transmission expansion additions reported through the open process of the MAPP sub regional planning groups (SPGs) activity and sub regional plans submitted by the MAPP SPGs and approved through the MAPP Transmission Planning Subcommittee (TPSC). Planned projects are the preferred solution to an identified issue. Proposed projects are the tentative solution to an identified issue. The transmission owner determines the future transmission projects that are included during the model building process.

Midwest ISO (MISO)

For Midwest ISO members, MTEP annual reliability assessment is performed using base models that include all planned and proposed projects. Planned projects include past approved projects and those that are expected to be approved within the current planning cycle. Proposed projects are those that have demonstrated the ability to address a demonstrated transmission issue and are expected to be approved (or an equivalent) in a future planning cycle. Transmission projects which are Network Upgrades associated with an approved generator interconnection project are also modeled.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

The Comprehensive Reliability Planning Process (CRPP) encompasses a ten-year planning horizon and evaluates the future reliability of the New York bulk power system. In order to preserve and maintain system reliability, the NYISO, in conjunction with Market Participants, identifies the reliability needs over the planning period and issues its findings in the Reliability Needs Assessment (RNA). The Comprehensive Reliability Plan (CRP) then evaluates a range of proposed solutions to address the needs identified in the RNA, if any. A request for solutions to identified reliability needs is issued with the expectation that Market-Based Solutions will come forward to meet the identified needs. In the event that Market-Based Solutions are not sufficient, the process provides for the identification of Regulated Backstop Solutions proposed by designated transmission owners, and Alternative Regulated Solutions proposed by any market participant. The NYISO then evaluates all proposed solutions to determine whether they will meet the identified reliability needs. Thus, the Comprehensive Reliability Plan (CRP) is developed, setting forth the plans and schedules that are expected to be implemented to meet those needs.

PJM Interconnection

PowerSouth Energy Cooperative

The models that are developed include both existing and planned facilities through the study period. This is true for the SOCO Base case working group as well as the SERC region. Each entity which participates provides their planned facilities. PowerSouth includes within the model all transmission projects and generator additions that are currently approved for construction.



Progress Energy Carolinas

PEC's transmission expansion plan is the compilation of transmission facility improvements and upgrades which are necessary for the transmission system to support the proposed resource assumptions, load forecasts, and firm transmission service requirements for the next 10 years in the most reliable and economic manner consistent with NERC Reliability standards. The expansion plan is based on information obtained through PEC's internal planning efforts as well as through the SERC Long Term Study Group, North Carolina Transmission Planning Collaborative, Southeastern Inter-Regional Participation Process, and joint studies with interconnected neighbors. Transmission facilities that are approved, committed & budgeted or where construction has begun are included in the models. Other projects the planners believe have a high certainty of being in service in the year being modeled are also included. Engineering judgment is applied such that a new or upgraded facility that is marginally needed may not be included in the base model so that the timing of the need for the facility can be accurately determined.

Progress Energy Florida

Santee Cooper

Future projects that are budgeted and approved are placed in the models. Uncommitted construction project are also included, but only if the project is judged to be well-defined and it is very likely to be fully implemented. Results of assessments are used to determine if the current construction schedule of planned transmission facilities should be altered to reflect future system requirements. Proposed additions identified and verified throughout the assessment will be incorporated with a recommended schedule, as needed.

SCANA / SCE&G

Southern Company

The transmission expansion planning process for the Southern Balancing Authority ("SBA") Area is a continuous process. This process identifies potential constraints and the corresponding transmission system enhancements to alleviate these potential constraints in order to meet the projected load forecasts and resource assumptions of the Load Serving Entities ("LSE") within the SBA, as well as, accommodate other long term firm transmission service procured under the Southern Companies' Open Access Transmission Tariff ("OATT"). In general, resource assumptions provided by the LSE represent decisions made as part of state sponsored/regulated Request for Proposals ("RFPs") which are part of the Integrated Resource Planning ("IRP") process. Any resources represented not otherwise under state certification are provided as the LSE "best-guess" resource.

In order to create the transmission models, or base cases, utilized in the transmission planning process, data inputs from the various LSEs and OATT customers within the SBA are provided to the transmission planner for the next ten years. It is worth noting that the transmission planning conducted is not resource planning. Resource planning provides an assessment of load requirements and potential resource options. Resource planning requires extensive cost assumptions regarding resource options, future fuel forecasts, environmental costs, and other parameters. Load forecasts and resource decisions are inputs to the transmission planning process submitted by the LSEs and OATT customers within the SBA. For example, the transmission planner supports the resource planning processes by providing assessments of the transmission needs and costs associated with various resource options, but the cost analysis of technology options and ultimate resource decisions are made by the LSE, not the transmission planner.



As such, resource and load decisions (whether for retail native load or for wholesale customers under the Tariff) become inputs to the transmission planning process.

The transmission expansion planning process begins each year with the most recently completed Eastern Interconnection Reliability Assessment Group (“ERAG”) Multi-Regional Modeling Working Group (“MMWG”) set of models. The transmission planner then updates the MMWG models with the latest assumptions and the most current transmission expansion plan that was produced in the previous year’s process. The transmission planner utilizes the MMWG models as the starting point to build an extensive library of models to be utilized in the transmission planning process. This library consists of models extending through the next ten years for multiple load levels, including but not limited to: Summer Peak, Winter Peak, Spring Peak, and Light Load.

Once the models are developed, transmission planners begin re-evaluating the latest transmission expansion plan produced by the previous year’s process with the latest assumptions. Analysis of the transmission system is intended to determine if the existing transmission expansion plan and the associated timing of such plan is adequate. Through the analyses process, transmission enhancements will be added/removed/re-timed as necessary. These analyses are performed in accordance with the applicable NERC reliability standards.

Specific information on the current transmission expansion plan can be found on the Southeastern Regional Transmission Planning website at: (<http://www.southeasternrtp.com/>).

Southwest Power Pool (SPP)

The Integrated Transmission Plan (ITP) is SPP’s approach to planning transmission needed to maintain reliability, provide economic benefits and achieve public policy goals to the SPP region in both the near and long-term. The ITP enables SPP and its stakeholders to facilitate the development of a robust transmission grid that provides regional customers improved access to the SPP region’s diverse resources. Development of the ITP was driven by the need to develop a transmission backbone large enough in both scale and geography to provide flexibility to meet SPP’s future needs.

The ITP is an iterative three-year process that includes 20-Year, 10-Year, and Near-Term Assessments and targets a reasonable balance between long-term transmission investment and customer congestion costs (as well as many other benefits).

The ITP creates synergies by integrating existing SPP activities: the Extra High Voltage (EHV) Overlay, the Balanced Portfolio, and the SPP Transmission Expansion Plan (STEP) Reliability Assessment. Consequently, and reaching the balance above, efficiencies are expected to be realized in the Generation Interconnection and Aggregate Transmission Service Request study processes. The ITP works in concert with SPP’s existing sub-regional planning stakeholder process, and parallels the NERC TPL Reliability Standards compliance process.

Successful implementation of the ITP will result in a list of transmission expansion projects, projected project costs and completion dates that facilitate the creation of a cost-effective, robust, and responsive transmission network in the SPP footprint.



Tennessee Valley Authority (TVA)

TVA utilizes a database of current and future facilities to develop a snapshot in time for modeling the system. Planned system modifications are modeled as the transmission projects obtain TVA officer approval in the planning process. Projects that do not have TVA officer approval are omitted from the transmission models to verify the continued need for the planned corrective action.

2.6 Major New and Upgraded Facilities

Alcoa Power Generating

APGI-Yadkin has no plans for new facilities or upgrades to facilities.

Duke Energy Carolinas

DEC has included three new > 200 kV transmission projects in the 2020 model. DEC has a project to upgrade the conductor on its 230 kV line from Pisgah Tie to Shiloh Switching Station by 2013 in order to accommodate additional transmission service into CPLW. A new 230 kV tie line to CPLE will be completed by 2011 between DEC's Pleasant Garden Tie and CPLE's Asheboro Station to enhance reliability in the western CPLE area. The Cliffside 6 generation project requires addition of a 500 kV tap station between Jocassee Tie and McGuire Nuclear Station by 2011. No other > 200kV projects are expected to be in service by 2020.

E.ON

E.ON U.S. currently has an agreement to build a second 161kV interconnection to EEI between Grahamville & DOE/Joppa currently under construction and scheduled for completion in 2012. EON does not have any other new or upgraded facilities 161kV and above in the 2020 EIPC case.

Electric Energy Inc.

Entergy Services

Entergy included in the 2020 roll-up model projects that have been identified to meet the reliability needs of the transmission system over the ten year planning horizon. These projects include constructing new 230 kV and 161 kV transmission lines, conversion of lower voltage lines to 230 kV operation, various upgrades of existing transmission lines, and the installation of additional 500 kV, 345 kV, and 230 kV autotransformers. Some of the projects included are also identified with transmission service request. A listing of the individual 161 kV projects and above are included in Appendix B. A complete listing of all projects included can be found in Entergy's 2010 – 2012 Final Construction Plan Update 5 posted on OASIS.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

The Ontario load flow was prepared with the assumptions based on available data up to May 31, 2010. Transmission system reinforcements in various parts of the province are planned during the horizon of the EIPC 2010 studies, including a new double circuit 500 kV line between Bruce and Milton, the reinforcement of the Windsor area transmission and a new 230 kV corridor between Milton and Claireville. In addition, to accommodate new renewable energy generating facilities under the Ontario



Feed-in-tariff (FIT) program and Ontario's agreement with the Korean Consortium several new transmission projects have been proposed at 230 and 500 kV. These plans are currently under review.

ISO New England (ISO-NE)

ISO-NE has included 45 new transmission projects at 230 kV and above in the 2020 model. Most of these projects are components of either the Maine Power Reliability Project ("MPRP") or the New England East-West Solution ("NEEWS"), two major 345-kV plans anticipated to be in service by 2020 in New England. Other projects include the Vermont Southern Loop 345-kV project, Long-Term Lower Southeastern Massachusetts (SEMA) project, a new 345-kV substation in Rhode Island, and several additional bulk autotransformers located in all six New England States. A detailed list of projects is included in the appendix.

JEA

MAPPCOR

MAPPCOR has determined that the information in this section is considered Confidential Energy Infrastructure Information (CEII). This section has been redacted.

MEAG Power

MEAG Power has no plans to construct major new transmission facilities at this time. MEAG Power's existing major facilities are lines and substations in Georgia operated at 500 kV and 230 kV. MEAG Power actively participates in the ITS project review and base case development process to ensure that its facilities are properly represented in the base cases.

Midwest ISO (MISO)

The Midwest ISO has \$4.9 billion of planned and proposed upgrades expected to be in service through the year 2020, including approximately \$2.7 billion of 220 to 345 kV class new or upgraded facilities in addition to approximately \$1.5 billion of 115 kV to 161 kV class new or upgraded facilities. The remaining is <100 kV class facilities. There are approximately 3,220 miles of transmission line upgrades projected through 2020 for all voltage classes. There are approximately 4,200 miles of new transmission projected through 2020 for all voltage classes.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

NYISO has included one new DC tie to New Jersey of approximately 660 MW, a new 345 kV controllable AC transmission project into New York City, 230 kV circuits, and various upgrades to existing 345 kV circuits in the 2020 power flow model.

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth has no major upgrades to the system planned for the 2020 time-frame.

Progress Energy Carolinas

PEC has included six new 230 kV transmission projects in the 2020 model. The first is a new 230 kV line from Richmond to Fort Bragg Woodruff Street Substation to accommodate new generation at



Richmond in June 2011. A new 230 kV tie line to DEC will be completed by June 2011 between DEC's Pleasant Garden Tie and CPLE's Asheboro Substation to enhance reliability in the CPLE area. A new 230 kV line will be constructed from Rockingham to West End Substation also by June 2011. By December 2011, a new 230 kV line from Clinton to Lee Substation will be completed. By June 2014, a new 230 kV line will be placed in service from Harris to RTP Switching Station. Finally, a new 230 kV line is planned from Greenville to Kinston by June 2017.

PEC has also included two new 230 kV substation projects in the 2020 model. The first is the conversion of the existing Enka 115 kV Switching Station to 230 kV by December of 2010. The second substation project is the construction of Folkstone 230 kV Substation which is a new networked 230/115 kV Switching Station scheduled for completion by June of 2013

Progress Energy Florida

Santee Cooper

Santee Cooper's major transmission projects for the period 2010 include continued development of a 230 kV transmission system necessary to deliver generator output to the load on the transmission system.

SCANA / SCE&G

Southern Company

The major upgrades to the Southern Company transmission system that are included in the 2020 Roll-Up case include:

- a new 500/230 kV transformer at Autagaville substation in 2013
- the construction of a new 500/230 kV substation at East Walton in 2015
- the construction of a new 50 mi 500 kV line from Vogtle to Thomson in 2016
- the construction of a new 500/230 kV substation at Middle Fork in 2017
- a new 500/2320 kV transformer at Ohara substation in 2017
- the construction of a new 35 mi 500 kV line from South Hall to E. Walton

Further details regarding enhancements to the Southern Company transmission system included in the 2020 Roll-Up case can be seen in the tabular listing included in the Appendices.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

While TVA has added many new and upgraded facilities to the 2020 EIPC Roll-Up case, only a few of these are considered Major. TVA's major transmission projects which were included in the Roll-Up Case are described below.

By summer 2011, the Gallatin FP - Lafayette line overloads for loss of the Gallatin Primary - Portland line. The voltage at the East Gallatin 161-kV stations will drop below TVA planning criteria to 94.3% for the same outage. A new 161-kV line from Gallatin FP along with a new Angeltown 161-kV Switching Station will be built with a projected in-service date of June 2011.

Load growth in the West Point, MS area is accelerating the need for additional 500-161-kV transformer capacity in the area. Current area forecasted load growth will exceed the capacity of the Lowndes and



West Point 500/161-kV transformers. By summer 2011, Clay 500-kV Substation will add the additional 500/161-kV transformer capacity required to serve the area.

New generation expansion at the Lagoon Creek site, will overload the existing Jackson 500/161-kV transformer for the loss of the Weakley 500/161-kV transformer bank. In addition to the Jackson bank overloading, there are five 161-kV line sections in the Jackson area that will overload if the Jackson 500/161-kV bank is lost. A project is in place to install a 2nd 500/161-kV transformer at the Jackson 500-kV Substation with a projected in-service date of 2011.

By the summer of 2013, the 161-kV system cannot maintain adequate voltage in the Clarksville area for the loss of the Montgomery 500/161-kV transformer. Also projected load growth in the area, will overload the existing 500/161-kV transformer. A second 500/161-kV transformer will be needed at Montgomery 500-kV Sub to support the area.

New generation capacity expansion in the Bellefonte, AL area will create the need to construct a new Bellefonte 500-kV Substation. This substation will terminate the existing Widows Creek - Madison and the Widows Creek - East Point 500-kV lines creating 4 new 500-kV line names. The projected in-service date of this project is June 2018.

2.7 Generation Assumptions (Additions and Retirements)

Alcoa Power Generating

APGI-Yadkin has no plans for new generation or retiring present generation.

Duke Energy Carolinas

DEC has included several new generation projects in model. These are projects that Duke Energy is committed to building and has state approval for, or IPP's with a signed IA. The Duke units are Dan River combined cycle (620 MW), Buck combined cycle (620 MW) and Cliffside 6 fossil (825 MW). An IPP combustion turbine site has been included at Cleveland County (716 MW). Duke plans to retire all unscrubbed fossil units at Cliffside, Riverbend, Buck and Dan River by 2015, which total approximately 1300 MW. The 2020 model assumes the retirement of a number of small older Duke oil fired combustion turbine facilities totaling about 250 MW by 2012.

E.ON

E.ON U.S. currently has a contract to interconnect a 120 MW generator being built by a 3rd Party IPP at West Irvine by 2013. This unit is not dispatched in the 2020 EIPC case.

Electric Energy Inc.

Entergy Services

Entergy generation modeled in the case includes all in-service units and any planned units that have firm transmission service scheduled from them after their completion. The resource plan assumed in the 2020 roll-up model is driven by the need to satisfy reserve margin obligations and to meet energy demand during system peak load conditions.



The model includes a planned generating unit at Plum Point with an expected in-service of summer 2012. The model also includes a conceptual CCGT at Entergy's Lewis Creek Plant in the 2019 time frame. A list of all generating units in the EES area included in the 2020 roll-up model is included in Appendix C.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

The Ontario load flow was prepared with the assumptions based on available data up to May 31, 2010.

The Green Energy Act (GEA) in Ontario has attracted many applications for new generating facilities using renewable resources, mainly wind and solar. It is expected that up to 3,000 MW of new GEA facilities will be connected in the next few years. At later GEA stages, Ontario will be capable of accommodating more renewable energy after new transmission reinforcements and facilities come into service.

In addition to the GEA applications, additional renewable generation facilities with a total capacity of about 2000 MW are committed to come into service by 2015 in various regions of the province. Gas-fired peaking generation with a capacity of 900 MW in the Oakville Area is planned to come into service by 2014. Gas-fired peaking generation with a capacity of 393 MW in the Northern York Region is planned to come into service by 2012.

Ontario is planning to phase out coal-fired generation by the end of 2014.

ISO New England (ISO-NE)

ISO-NE has included several new generation projects in model. These are projects that have ISO Tariff Section I.3.9 Approval. Projects over 100 MW include uprates to a number of hydroelectric and steam turbine plants, as well as one new wind farm, three natural gas combined cycle plants, and four different gas combustion turbine projects. ISO-NE generally does not assume generation retirements unless a generator has taken formal action to withdraw from the Forward Capacity Market by submitting either a Non-Price Retirement Bid or a De-List Bid. A detailed list of all generation in the ISO-NE control area is included in the appendix.

JEA

MAPPCOR

MAPPCOR has determined that the information in this section is considered Confidential Energy Infrastructure Information (CEII). This section has been redacted.

Midwest ISO (MISO)

Within the Midwest ISO, additional generation resources modeled come from the Midwest ISO generation interconnection process and resource forecasts based on public policy requirements. Future generators with signed interconnection agreements are included in models. Future generators associated with public policies which are law (e.g. Renewable Portfolio Standards) are included in the amounts required to meet the standards for the study year.

New Brunswick System Operator (NBSO)



New York ISO (NYISO)

The NYISO has included several new generation projects in its 2020 power flow model. These are projects that have passed certain milestones to be included in the NYISO planning databases utilized in its Comprehensive Reliability Planning Process. Additionally, the model will represent the New York State Renewable Portfolio Standard of 30% by 2015, which will require approximately 3600 MW of installed nameplate wind turbine capability. Presently, there is approximately 1300 MW of wind turbine power installed in New York. To meet the RPS goal, the model will also include approximately 1000 MW of wind projects that have gone through the interconnection process and accepted their class year cost allocation, along with an additional 1300 MW of wind projects from the NYISO Interconnection Queue.

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth plans to add a gas powered combined cycle generator with 187 MW capacity by 2019. This project, McIntosh 6, is planned but not approved, committed, or budgeted. PowerSouth does not have any plans to retire generation.

Progress Energy Carolinas

PEC has included one new PEC generation project in the model at Richmond County Plant. In general new generation is included that PEC is committed to building and has state approval or IPP's with a signed interconnection agreement and firm transmission.

Progress Energy Florida

Santee Cooper

For the 2020 EIPC Roll-up model, the generation assumptions include both existing generation and future generation as specified in Santee Cooper's current Generation Expansion Plan. The current Generation Expansion Plan has Santee Cooper as a partial ownership with SCE&G in two nuclear units budgeted and scheduled for commercial operation in 2016 and 2019. The existing generation expansion plan includes all existing generating units in Santee Cooper system and assumes that there are no retirements of any type of generating units within Santee Cooper.

SCANA / SCE&G

Southern Company

Resource assumptions are data *inputs* to the transmission planning process. Transmission planners support the resource planning process by providing assessments of the transmission needs and costs associated with various resource options, but the cost analysis of technology options and ultimate resource decisions are made by the customer (*e.g.*, a Load Serving Entity ("LSE")), not the transmission planner. As such, resource assumptions (whether for retail native load or for wholesale customers under the Tariff) become inputs to the transmission planning process.

Resource assumptions contained within the 2020 roll-up model for the Southern Companies are provided by the appropriate LSEs. Future resources may have been selected as part of a state sponsored Request For Proposal ("RFP") and/or certificated by the appropriate state Public Service Commission ("PSC") which in turn becomes a designated network resource. Some resources provided by the LSEs may be a "best-guess" assumption of where they would point for future resource needs. As the need becomes



definitive (usually within 3 to 5 years of the expected need), the LSEs utilize the state sponsored processes (such as the RFP) to procure the most reliable, least cost resource. Wholesale network service customers (taking service under the Southern Companies' Open Access Transmission Tariff ("OATT")), also provide resource assumptions in accordance with the processes of the OATT. Additionally, long term firm point-to-point transmission service commitments that have been made in accordance with the OATT are also included. This includes adjustments to the specific resources and the affected interchange necessary to accommodate the transaction.

A detailed list of all resource assumptions contained within the 2020 roll-up case, and the appropriate level of approval, can be found in Appendix C.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

The EIPC roll-up case includes TVA's current capacity expansion plan. Evident in this plan is TVA's commitment in cleaner energy resources, filling base load requirements with Nuclear and peak load requirements with Gas expansion.

In order to meet customer demand, TVA will complete construction on the 540 MW Lagoon Creek 2x1 Combined Cycle plant by October 2010. This project is currently approved and under construction.

By June 2012, TVA will complete construction on the 878 MW John Sevier 3x1 Combined Cycle plant. This project is currently approved and under construction.

By June 2013, TVA will complete construction on the 1204 MW Watts Bar Nuclear Unit 2. This project is currently approved and under construction.

By June 2018, TVA will complete construction on the 1192 MW Bellefonte Nuclear Unit. This project is currently in the TVA's capacity expansion plan.

2.8 Generation Dispatch Description

Alcoa Power Generating

APGI-Yadkin generation dispatch is strictly an economic dispatch. No units were dispatched out-of-merit to alleviate system constraints.

Duke Energy Carolinas

The DEC system generation dispatch is modeled according to economic dispatch in accordance with the priorities identified in the resource projections provided by LSE's and according to executed contracts for the sale of firm energy. Large base load fossil and nuclear units are dispatched with remaining load served by a mix of hydro, combined cycle and gas turbine generation.

E.ON

The E.ON U.S. system generation dispatch is modeled according to economic dispatch in accordance with the priorities identified in the resource projections provided by LSE's.



Electric Energy Inc.

Entergy Services

To meet the area requirements firm generation is dispatched in the model, followed by non-firm network resources, generation owned by the LSEs and then non-firm energy only resources. Entergy dispatches generation representing firm energy contracts and economically dispatches firm network resources for load. Additional generation is dispatched on a pro-rata basis in the following order: non-firm network resources, LSE-owned non-firm energy-only generation, then non-firm, energy-only resources within the BA that are owned by others. The resulting dispatch of each generating unit in the EES area is reported in Appendix C.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

The IESO system generation dispatch is modeled based on economic dispatch in accordance with the demand to be served and the resource projections for the scenario under study.

ISO New England (ISO-NE)

In real-time operations, ISO-NE dispatches generation through a competitive wholesale market that results in the lowest priced resources being dispatched to meet system demand for electricity. However, because of uncertainties in future costs and bids from existing and new generators, the generation dispatch in the 2020 roll-up case reflects a typical generation dispatch under summer peak conditions. Units that are typically among the least expensive (for example, nuclear, coal, and natural gas combined cycle) are dispatched, and units that typically have higher costs and bids (for example, oil combustion turbines and fast-start units) are left offline. The output of wind and hydroelectric generation will be modeled consistent with historical generation data for these units at summer peak load conditions.

JEA

MAPPCOR

MAPP Transmission owning members do their own generation dispatch and provide the Pgen value to our region building entity and MAPP TRAWG group.

Midwest ISO (MISO)

Midwest ISO members' generation is dispatched on a market-wide basis using security constrained economic dispatch (SCED) methodology. Renewable generation is set to desired level before applying the security constrained economic dispatch and renewable resources do not participate in the SCED.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

The NYCA system generation dispatch includes only the impact of firm external transactions. Generation dispatch was consistent with typical dispatch observed during peak load.

PJM Interconnection



PowerSouth Energy Cooperative

Generation resources on the PowerSouth system are typical of the Southeast area (coal & gas fired) with four main plants totaling 1666 MW of summer capacity. The plants are Lowman, Vann, McIntosh and McWilliams. PowerSouth also has a 8.16% ownership in the APCo Miller generating plant units 1&2 and two small hydros. For the purposes of this case, all units were economically dispatched. PowerSouth generators are always modeled with real and reactive components. These values are based on the generator capability curve for each unit. The PowerSouth hydros were not considered to be a resource since water may not be available and because the available nameplate capacity is low.

Progress Energy Carolinas

The PEC system generation dispatch is modeled according to economic dispatch in agreement with the priorities identified in the resource projections provided by LSE's and according to executed contracts for the sale of firm energy.

Progress Energy Florida

Santee Cooper

The Santee Cooper generation dispatch used in the 2020 EIPC Roll-up model is a strictly economic dispatch model. Large coal base load units are all dispatched first and then all other generating units are economically dispatched according to cost. There are no units dispatched out of merit to alleviate system loading constraints.

SCANA / SCE&G

Southern Company

The generation dispatch of the resources contained within the 2020 Roll-Up case is modeled in accordance with the priorities identified in the resource projections provided by the LSEs and according to executed contracts for the sale of firm energy.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

Economic dispatch dictates the order in which TVA's generation fleet is dispatched in the 2020 roll-up case. TVA does not apply a security constrained dispatch to alleviate system constraints. The order of dispatch from most economic to least economic by generator technology is typically:

- Hydro
- Nuclear
- Fossil
- Pumped storage
- Combined Cycle Gas
- Combustion Turbine Gas



Section 3 Gap Analysis

3.1 Introduction

After the 2020 roll-up model of the Eastern Interconnection was completed, each planning authority performed some analysis on their portion of the interconnection to find any “gaps” in their 2020 transmission plan, or system deficiencies not alleviated by the plan. In some cases, these gaps may have been pre-existing system conditions for which solutions had not yet been determined; in other cases, the 2020 transmission plans of neighboring planning authorities may have caused adverse impacts on their transmission systems. In this section, each planning authority describes their procedure to perform this analysis, and the results which they found.

3.2 Gap Analysis Criteria

3.2.1 Thermal Criteria

Alcoa Power Generating

Yadkin uses 95% of the line capacity.

Duke Energy Carolinas

Duke evaluated the 2020 model against N-1 transmission contingencies for facilities 100 kV & above applying the appropriate emergency ratings. Transmission contingencies in neighboring control areas that can impact Duke facilities were also studied. Facilities 100 kV & above and loaded greater than 100% of the emergency rating were evaluated.

E.ON

E.ON U.S. has established normal and emergency thermal limits (MVA) for each facility based upon its established ratings methodology. The emergency thermal limits used in the planning process are long-term limits the facility can withstand through the daily demand cycle without significant loss of equipment life.

A facility will be overloaded when the MVA flow, rounded to two decimal places, exceeds the applicable rating. The recorded circuit flow will be the maximum MVA flow of either end. The recorded transformer flow will be the “design output” flow, GSU flows will be measured at the HV side, step-down transformers will be measured at the LV side and system tie transformers will be measured on the side where the flow exits the transformer.

Electric Energy Inc.

Entergy Services

All equipment and/or facilities rated 100 kV or above were monitored to determine if the facility loading (MVA flow) exceeded 100% of its normal rating (Rate A) for both base case (N-0) and single contingency (N-1) events.

Florida Power & Light (FPL)



Independent Electricity System Operator (IESO)

When planning the power system, the IESO allows the post-contingency loading on transmission equipment to reach the equipment’s short-term emergency ratings if there are control actions available to reduce the loading to the long term emergency ratings.

The long term emergency rating is calculated as the flow that maintains the conductor temperature at 127°C or sag (if lower) when the wind speed is 4 km/hr and ambient temperature is 35°C south of Barrie and 30°C north of Barrie.

The short term emergency rating is calculated as the flow that keeps the conductor temperature less than 150°C or sag (if lower) for 15 min. assuming that the circuit was initially loaded at its continuous rating (the rating corresponding to a conductor temperature of 93°C or sag, if lower, under the ambient conditions described for the long term emergency rating).

In general, it is assumed that on the bulk power system control actions are available to reduce the post-contingency loading to the long term emergency rating within 15 minutes. Therefore, for this review, the following thermal loading criteria were used:

1. Following single element contingencies lines equipment must not be loaded greater than its long-term emergency rating.
2. Following double element contingencies equipments must not be loaded greater than its short-term emergency ratings.

The voltage and thermal criteria mentioned in this section can be found in the IESO’s Ontario Resource and Transmission Assessment Criteria document.

ISO New England (ISO-NE)

Loadings on all transmission facilities rated at 115 kV and above in the study area were monitored. The thermal violation screening criteria defined in the Table below was applied.

System Condition	Maximum Allowable Facility Loading
Normal (all lines-in) (Pre-Contingency)	Normal Rating (Rate A)
Emergency (Post-Contingency)	Long Time Emergency (“LTE”) Rating (Rate B)

JEA

MAPPCOR

MAPP uses normal and emergency facility thermal rating that are determined and consistently applied by the system or facility owner. All MAPP member ratings are established to be consistent with applicable NERC and MRO Reliability Standards addressing facility ratings. The normal rating and emergency ratings are currently included as “Rate A” and “Rate B” respectively in the MAPP power flow models, and “Rate C” is defined as the conductor rating. Each MAPP member may have different criteria based on their specific nature of their Transmission line.



Midwest ISO (MISO)

In accordance with the Midwest ISO Transmission Owners Agreement, the Midwest ISO Transmission System is to be planned to meet local, regional and NERC planning standards. The baseline reliability analysis tested the performance of the system against the NERC Standards. The specific branch loading thresholds of each member's criteria (local flagging criteria) were applied to accurately reflect the different system design standards of the Midwest ISO members. Normal rating is typically used for system intact conditions (Category A). Emergency rating is typically used for contingent conditions (Categories B, C, and D) .

All system elements, 100 kV and above, within the Midwest ISO Planning regions, as well as tie lines to neighboring systems, were monitored. Some non-Midwest ISO member systems were monitored if they were within the Midwest ISO Reliability Coordination Area.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

PJM Interconnection

PowerSouth Energy Cooperative

The evaluation of power flows and steady state voltages are the normal means by which the system is evaluated for deficiencies. PowerSouth's transmission planning criteria for thermal analysis is as follows:

PowerSouth has established normal and emergency thermal limits (MVA) for each facility based upon the [Facilities Rating Methodology](#) document. The PSSE model reflects the most limiting element from the asset database which means that in some cases, the full rating of a transmission line may not be realized because of a switch rating (or other limiting element). A facility will be overloaded when the MVA flow exceeds the applicable rating.

Progress Energy Carolinas

Progress Energy Carolinas (PEC) evaluated the 2020 model against N-1 transmission contingencies using the appropriate facility ratings. Facilities above 100 kV and loaded greater than 100% of the rating were evaluated.

Progress Energy Florida

Santee Cooper

Santee Cooper assessed the EIPC model against n-1 transmission contingencies for facilities 115 kV and above by using the facilities appropriate emergency rating. Transmission facilities in neighboring adjacent control area that can impact Santee Cooper transmission facilities were also assessed. Facilities 115 kV and above that had a loading greater than 100% of the facilities emergency rating were evaluated.

SCANA / SCE&G



Southern Company

All facilities rated 115 kV and above were monitored to determine if the facility loading (MVA flow) exceeded 100% of its normal rating (Rate B) for both base case (N-0) and single contingency (N-1) events.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

Describe the thermal criteria used for gap analysis.

- Steady-state criteria A – No contingencies:
 - Facility loadings must remain less than Facility rating
 - Continuous Line Ratings used
 - No Loss of Load
- Steady-state criteria B – Loss of a single component:
 - Facility loadings must remain less than Facility rating
 - Continuous Line Ratings used
 - No Loss of Load (other than radial or tapped load)
- Steady-state criteria C – Loss of two or more components:
 - Facility loadings must remain less than Facility rating
 - 4-Hr Line Ratings used
 - Planned loss of load
- Steady-state criteria D – Extreme event resulting in loss of 2+ components:
 - Facility loadings must remain less than Facility rating
 - 4-Hr Line Ratings used
 - May include substantial loss of load or generation, not to exceed 1500MW

3.2.2 Voltage Criteria

Alcoa Power Generating

Yadkin used 98% for voltage.

Duke Energy Carolinas

Because the case was so far out in the future voltage performance was not evaluated. It is assumed that local area voltage concerns will be corrected through normal planning processes.

E.ON

For E.ON U.S. voltage violation will occur when the percent nominal voltage, rounded to two decimal places, is outside the applicable criteria.

A transmission voltage of 94 percent of the nominal value is the minimum acceptable for normal load service and should be maintained at all load serving buses with normal generation and normal transmission system conditions. The voltage at any 500 kV system bus should not exceed 110 percent of the nominal value and any other transmission bus should not exceed 105 percent of the nominal value.



A transmission voltage of 90 percent of the nominal value is the minimum acceptable for contingency load service and should be maintained at all load serving buses during any transmission system contingency or generation and transmission system contingency.

Generators and plant auxiliary systems are generally designed to operate within +/- 5 percent of the nameplate or nominal voltage. Table 3 shows the minimum acceptable transmission level voltage at each generating unit connection to maintain generator voltage and auxiliary bus voltage above 95 percent of nominal with the unit operating at maximum MW and MVAR output. Only on-line generators are applicable to the analysis.

Electric Energy Inc.

Entergy Services

For base case (N-0) all bus voltages were monitored to determine if they exceeded +/- 5% of the nominal voltage level. For single contingency events (N-1) all bus voltages were monitored to determine if they exceeded +5% or -8% of the nominal voltage level, except for nuclear plant off-site buses, which are to remain within the parameters established for each plant.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

Ontario’s pre-contingency voltage limits are as follows:

Nominal Bus Voltage (kV)	500	230	115
Maximum Continuous Voltage	550 kV	250 kV in the South 250 kV in the North	127 kV in the South 132 kV in the North
Minimum Continuous Voltage	490 kV	220 kV	113 kV

Ontario’s post-contingency voltage limits are as follows:

Nominal Bus Voltage (kV)	500	230	115
Maximum Continuous Voltage	550 kV	250 kV in the South 260 kV in the North	127 kV in the South 132 kV in the North
Minimum Continuous Voltage	470 kV	207 kV	108 kV



Ontario’s post-contingency voltage deviation limits are as follows:

Nominal Bus Voltage (kV)	500	230	115
% Voltage change after tap changer action	10%	10%	10%

ISO New England (ISO-NE)

Voltages were monitored at all buses with voltages 115 kV and above in the ISO-NE control area. System bus voltages outside of limits identified in the Table below were identified for all normal (pre-contingency) and emergency (post-contingency) conditions.

Transmission Owner	Voltage Level	Bus Voltage Limits (Per-Unit)	
		Normal Conditions (Pre-Contingency)	Emergency Conditions (Post-Contingency)
ISO-NE	230 kV and above	0.98 to 1.05	0.95 to 1.05
	115 kV and below	0.95 to 1.05	0.95 to 1.05
Millstone / Seabrook ³	345 kV	1.00 to 1.05	1.00 to 1.05
VT Yankee / Pilgrim ⁴	345 kV	0.99 to 1.05	0.99 to 1.05

JEA

MAPPCOR

Voltage criteria are established by and are the responsibility of the Transmission Owner. The criteria parameters monitored in the study work is rounded to the nearest 1% to ensure consistent application of the criteria and to allow for small modeling variances.

MAPP default pre-contingency voltage range for all buses 100kV and above is from 105% to 95% and for post –contingency the voltage range is from 110% to 90%. MAPP’s default Transient Period Voltage Limitation is from 120% to 70%. Each MAPP member may have different criteria based on their specific nature of their Transmission line.

Midwest ISO (MISO)

In accordance with the Midwest ISO Transmission Owners Agreement, the Midwest ISO Transmission System is to be planned to meet local, regional and NERC planning standards. The baseline reliability analysis tested the performance of the system against the NERC Standards. The specific bus voltage

³ This in compliance with NERC-001-2, “Nuclear Plant Interface Coordination Reliability Standard,” adopted August 5, 2009.

⁴ This in compliance with NERC-001-2, “Nuclear Plant Interface Coordination Reliability Standard,” adopted August 5, 2009.



thresholds of each member's criteria (local flagging criteria) were applied to accurately reflect the different system design standards of the Midwest ISO members.

All system elements, 100 kV and above, within the Midwest ISO Planning regions, as well as tie lines to neighboring systems, were monitored. Some non-Midwest ISO member systems were monitored if they were within the Midwest ISO Reliability Coordination Area.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

PJM Interconnection

PowerSouth Energy Cooperative

The evaluation of power flows and steady state voltages are the normal means by which the system is evaluated for deficiencies. PowerSouth's transmission planning criteria for voltage analysis is as follows:

Transmission bus voltages should be between 0.9 and 1.05 p.u.

Progress Energy Carolinas

PEC determined that since the case was so far out in the future that voltage analysis was not necessary. Based on engineering judgment it is assumed that local area voltage concerns will be corrected through normal planning processes.

Progress Energy Florida

Santee Cooper

Future voltage performance of the EIPC model was reviewed but not evaluated as the 2020 model is outside the normal long term assessment period. Santee Cooper assumed that any local voltage concerns identified in the model would be corrected through our normal planning process.

SCANA / SCE&G



Southern Company

Southern Companies - All bus voltages were monitored for the following criteria:

		500 kV	230 kV	161 kV	115 kV
(N-0)	High-side of Generator GSU Bus	0.98 – 1.075	0.95 – 1.05	0.95 – 1.05	0.95 – 1.05
	Switching Station	0.98 – 1.076	0.95 – 1.05	0.95 – 1.05	0.95 – 1.05
	Regulated Load Bus	0.98 – 1.077	0.95 – 1.05	0.95 – 1.05	0.95 – 1.05
	Non-regulated Load Bus	0.98 – 1.078	0.95 – 1.05	0.95 – 1.05	0.95 – 1.05

		500 kV	230 kV	161 kV	115 kV
(N-1)	High-side of Generator GSU Bus	0.98 – 1.075, generator should maintain voltage schedule	0.95 – 1.05 generator should maintain voltage schedule	0.95 – 1.05 generator should maintain voltage schedule	0.95 – 1.05 generator should maintain voltage schedule
	Switching Station	0.97 – 1.075	0.9 – 1.05	0.9 – 1.05	0.9 – 1.05
	Regulated Load Bus	0.97 – 1.075, not to exceed 0.08 p.u. deviation from pre-contingency voltage	0.9 – 1.05, not to exceed 0.08 p.u. deviation from pre-contingency voltage	0.9 – 1.05, not to exceed 0.08 p.u. deviation from pre-contingency voltage	0.9 – 1.05, not to exceed 0.08 p.u. deviation from pre-contingency voltage
	Non-regulated Load Bus	0.97 – 1.075, not to exceed 0.05 p.u. deviation from pre-contingency voltage	0.9 – 1.05, not to exceed 0.05 p.u. deviation from pre-contingency voltage	0.9 – 1.05, not to exceed 0.05 p.u. deviation from pre-contingency voltage	0.9 – 1.05, not to exceed 0.05 p.u. deviation from pre-contingency voltage

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

- Steady-state criteria A – No contingencies:
 - 97% < 161kV voltage < 106%
 - 98% < 500kV voltage < 108%
 - No Loss of Load
- Steady-state criteria B – Loss of a single component:
 - 95% < 161kV voltage < 106%
 - 98% < 500kV voltage < 108%
 - No Loss of Load (other than radial or tapped load)
- Steady-state criteria C – Loss of two or more components:
 - 93% < 161kV voltage < 106%
 - 98% < 500kV voltage < 108%
 - Planned loss of load
- Steady-state criteria D – Extreme event resulting in loss of 2+ components:
 - 93% < 161kV voltage < 106%
 - 98% < 500kV voltage < 108%
 - May include substantial loss of load or generation, not to exceed 1500MW

3.2.3 Solution Parameters

Alcoa Power Generating

Yadkin used the standard parameters in the case.

Duke Energy Carolinas

The cases were solved using the MUST FDNS function with a 5 MW mismatch tolerance.

E.ON

E.ON U.S. used the following solution parameters for the gap analysis:

- Full Newton-Raphson
- Tap Adjustments Stepping
- Switch Shunts Enabled
- Phase Shifters Enabled
- Area Interchange – Tie lines & loads
- VAR Limits applied immediately

Electric Energy Inc.

Entergy Services

For the gap analysis Entergy utilized the Fixed slope decoupled Newton-Raphson method with solution options of allowing tap adjustment stepping, enabling of all switched shunt devices, area interchange enabled including tie lines and loads, and adjusting of DC taps. The solution parameters included a TOLN of 0.1, ACCN of 1.0, and ITMXN of 20.



Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

For this load flow analysis, when determining the post-contingency solution, the following solution options were chosen:

- Ensured that all generators are controlling their own terminal voltages and not a remote bus.
- Locked all transformer ULTCs with manual tap changers at their pre-contingency values. Following the contingency only the transformers with automatic ULTCs were allowed to move.
- Locked all manually controlled shunts at their pre-contingency values. Following the contingency only automatically switched shunts and SVCs were allowed to adjust.
- Following a contingency it was assumed that the swing bus (located far from Ontario) would pick up any generation or load loss. This is a conservative assumption, which assumes no AGC response.

In these simulations, the voltages on all of the 500 and 230 kV stations in Ontario and the flows on all of the 500 kV, 230 kV and 115 kV circuits in Ontario were monitored.

The flows and voltages in the resulting post-contingency case were examined to determine whether or not the criteria described in the next section were violated.

ISO New England (ISO-NE)

The steady state analysis was performed with pre-contingency solution parameters that allow adjustment of load tap-changing transformers (LTCs), static var devices (SVDs, including automatically-switched capacitors) and phase angle regulators (PARs). Post-contingency solution parameters only allow adjustment of LTCs and SVDs. The Table below displays these solution parameters.

Case	Area Interchange	Transformer LTCs	Phase Angle Regulators	SVDs Switched Shunts &	DC Taps
Pre-Contingency	Enabled	Enabled	Enabled	Enabled	Enabled
Post-Contingency	Disabled	Enabled	Disabled	Enabled	Enabled

JEA

MAPPCOR

MAPP solves each case first using Fixed slope decoupled Newton-Raphson and then using Full Newton-Raphson. MAPP enables tap changing transformers, switched shunts, phase shifters and DC transformer tap stepping. MAPP also enforces area interchange with the “Tie Lines and Loads” option and applies VAR limits immediately.



Midwest ISO (MISO)

For the Midwest ISO Gap analysis, PTI's PSS-MUST was used, with the following AC Load Flow Solution Options:

General Solution Options:

- MW/MVAR Tolerance: 1
- Reactive Adj Deacc Factor: 1
- Low Volt Break Point: 0.7
- Tap Adjustments: Stepping
- Area Interchange Control: Disabled
- Solution Options: Phase shift adjustment enabled (All other options disabled)
- AC Load Flow Method: Full Newton
- Non Divergent Load Flow: Never

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

PJM Interconnection

PowerSouth Energy Cooperative

It is recognized that equipment may be operated above its "normal" rating for short durations for example when implementing operating guides or system reconfigurations.

Progress Energy Carolinas

The cases were solved using the MUST FDNS function with a 5 MW mismatch tolerance.

Progress Energy Florida

Santee Cooper

The transfer cases in the EIPC model were solved using the MUST FDNS function set with a 5 MW mismatch tolerance.

SCANA / SCE&G

Southern Company

Southern Companies utilized the Full Newton-Raphson method with solution options of locking transformer tap adjustments, switched shunt adjustments enabled, area interchange control set to regulate tie lines and loads, and adjusting of DC taps. The solution parameters included a largest mismatch tolerance of 1.0, Acceleration Factor of 1.0, and maximum iterations of 20.

Southwest Power Pool (SPP)



Tennessee Valley Authority (TVA)

TVA's contingency analysis for the EIPC 2020 roll-up case was performed using PTI's PSS/e software. The solution parameters for PSS/e were set to the widely accepted

- Fast Decoupled Newton Solution
- Transformers tap code set to stepping
- Area Interchange code set for tie lines and loads
- Phase Shifters set to stepping

3.3 Gap Analysis Results

3.3.1 Summary of Thermal Results

Alcoa Power Generating

Yadkin had no violations.

Duke Energy Carolinas

No unexpected facility overloads were identified through comparison of the EIPC study results to other industry and internal study results.

E.ON

There were no thermal violations in the E.ON U.S. 161kV and above system.

Electric Energy Inc.

Entergy Services

For the 2020 summer roll-up model, no base case (N-0) thermal issues were identified that resulted in the modification or addition of transmission projects within the Entergy system.

For the 2020 summer roll-up model, some single contingency issues were identified primarily on the underlying 161 kV and 115 kV systems. The majority of these issues are currently being addressed in Entergy's 2011 – 2013 Draft Construction Plan which is presently going through the stakeholder process and is scheduled to be finalized at the end of 2010. There were no issues identified that were directly related to the consideration of neighboring Planning Authorities' 2020 plans.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

For the contingencies simulated, the post-contingency thermal loadings were within IESO criteria. For some of the contingencies, to meet the IESO's post-contingency reliability criteria, SPS arming was required.

ISO New England (ISO-NE)

In the base case (N-0 analysis), all thermal overloads were corrected by changing New England's generation dispatch. Some post-contingency (N-1) flows did exceed LTE ratings, but these overloads generally reflected known deficiencies in the transmission system. In some cases, these overloads are usually mitigated by special protection systems (SPSs) which were not modeled in the case; this was the



case with some overloads on lines crossing the New England North-South interface, predominantly between New Hampshire and Massachusetts. In other cases, thermal overloads in the 2020 case reflected known issues for which solutions are still being developed. For example, thermal overloads in northeastern Boston and Massachusetts have been documented by the Greater Boston Working Group, and solutions are currently under development for these issues.

JEA

MAPPCOR

No thermal violation was found in the MAPP 161kV and above system.

MEAG Power

Midwest ISO (MISO)

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth has no violations to report.

Progress Energy Carolinas

PEC did not identify any unexpected facility overloads when comparing the EIPC study results to other coordinated study groups and internal study results.

Progress Energy Florida

Santee Cooper

Santee Cooper did not identify any facility overloads in the EIPC 2020 transfer case results in comparison to internal and regional study results.

SCANA / SCE&G

Southern Company

See Section 3.3.3

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

TVA did not have any thermal criteria violations resulting from the interaction of TVA's transmission expansion plan and the expansion plans of other adjacent PA's.



3.3.2 Summary of Voltage Results

Alcoa Power Generating

Yadkin had no violations.

Duke Energy Carolinas

N/A

E.ON

There were no voltage violations in the E.ON U.S. 161kV and above system.

Electric Energy Inc.

Entergy Services

For the 2020 summer roll-up model, no base case (n-0) issues were identified that resulted in the modification or addition of transmission projects within the Entergy system.

For the 2020 summer roll-up model, some additional single contingency voltage issues were identified primarily on the underlying 161kV and 115kV systems. The majority of these issues are currently being addressed in Entergy's 2011 – 2013 Draft Construction Plan which is presently going through the stakeholder process and is scheduled to be finalized at the end of 2010. There were no issues identified that were directly related to the consideration of neighboring Planning Authorities' 2020 plans.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

This work is still under way and is expected to be completed shortly.

The results obtained and reviewed to date show that for the contingencies simulated, the post-contingency voltages were within IESO criteria. For some of the contingencies, to meet the IESO's post-contingency reliability criteria, SPS arming was required.

ISO New England (ISO-NE)

ISO New England's voltage results generally showed either system conditions where modeling assumptions contributed to high voltages, or pre-existing low voltage problems for which solutions are currently under development. In some areas of the system, generally with many underground cables, post-contingency voltages were above 1.05 per unit at a small number of buses for many contingencies. This reflects the decision to run post-contingency solutions with switched shunts locked; in normal system operations, shunt reactors would be able to mitigate these high voltages. Other parts of the system, such as northern Vermont and northern New Hampshire, showed voltages below criteria for outages of nearby autotransformers. These low voltages are currently being investigated by the New Hampshire-Vermont working group as part of ISO New England's normal planning process, and solutions will be developed to correct these problems.

JEA



MAPPCOR

No voltage violation was found in the MAPP 161kV and above system.

Midwest ISO (MISO)

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth has no violations to report.

Progress Energy Carolinas

N/A

Progress Energy Florida

Santee Cooper

N/A

SCANA / SCE&G

Southern Company

See Section 3.3.3

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

TVA did not have any voltage criteria violations resulting from the interaction of TVA's transmission expansion plan and the expansion plans of other adjacent PA's.

3.3.3 Effects of Neighboring Planning Authorities' 2020 Plans

Alcoa Power Generating

Yadkin was not affected by neighboring companies plans.

Duke Energy Carolinas

No impacts were identified as the result of neighboring Planning Authorities plans in the 2020 timeframe.

E.ON

There were no effects from neighboring PA's 2020 plans which caused any thermal or voltage violations on the E.ON U.S. 161kV and above system.

Electric Energy Inc.



Entergy Services

For the 2020 summer roll-up model, there were no issues identified that were directly related to the consideration of neighboring Planning Authorities' 2020 plans and did not result in the modification or enhancements to the existing plans.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

No violations were introduced by neighboring Planning Authorities.

ISO New England (ISO-NE)

For ISO New England, thermal and voltage problems observed in the 2020 roll-up case were generally due to internal system concerns, and did not result from neighbors' 2020 plans. Because the province of Quebec is not electrically synchronized to the eastern interconnection, New England only has two neighboring planning authorities: the New Brunswick System Operator (NBSO) and the New York Independent System Operator (NYISO). Neither NBSO nor NYISO have planned substantial transmission improvements near their borders with New England; those that have been planned are already coordinated and considered through pre-existing regional planning processes.

JEA

MAPPCOR

No violations were caused by neighboring Planning Authorities' 2020 plans on MAPP system.

Midwest ISO (MISO)

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

The studies and activities covered in the NCSP demonstrate that considerable proactive interregional planning is being performed by ISO New England, NYISO and PJM, especially under the joint protocol. The ISO/RTOs develop their system plans, conduct economic studies, and perform interconnection studies accounting for the modeling of neighboring regions and interregional system performance. The ISO/RTOs planning efforts have resulted in the addition of new transmission ties between the regions and the integration of new generator interconnections near the border areas. The Loss of Source (LOS) limits on interregional transfers are considered during planning studies and account for the effects of planned major new transmission upgrades and ties between the ISO/RTOs. LOS analyses reflecting proposed transmission additions in PJM shows a LOS limit in the 1,400 MW to 1,500 MW range, which is consistent with current operating limits.

Related to wind development in the New York North Country and other system needs in both New York and Vermont, a Plattsburgh - Vermont tie study was completed. This study demonstrated the feasibility of addressing reliability issues in the ISO-NE system and potential reliability issues with increased wind energy production in the NYISO system, while also increasing the transfer limits between New York and Vermont along with high LOS limits. Reliability analysis of the NYISO/PJM interface located between



Eastern Interconnection Planning Collaborative

Southeast New York (SENY) and Northern Public Service, New Jersey, demonstrate sufficient transfer limits into the areas to meet resource adequacy and deliverability criteria.

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth has no violations to report.

Progress Energy Carolinas

PEC did not identify any impacts as a result of neighboring Planning Authorities plans in the 2020 timeframe.

Progress Energy Florida

Santee Cooper

Santee Cooper did not identify any impacts as the result of neighboring Planning Authorities plan in the 2020 model.

SCANA / SCE&G

Southern Company

Southern Companies submitted its most current transmission expansion plan, created utilizing the process identified in Section 2.5 of this report, as input into the 2020 EIPC Roll-Up case. Additionally, all other participating PAs in the EIPC provided an update for their respective areas that represent their current transmission expansion plans. Gap Analysis was performed by Southern Companies to identify any potential conflicts with its current transmission expansion plan and other neighboring PA's plans. As a result of the analyses performed, Southern Companies did not identify any negative impacts to its transmission expansion plan that resulted from interactions with a neighboring PA's transmission expansion plan.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

TVA submitted its most recent transmission expansion plan in the 2020 EIPC roll-up case. With this expansion plan, the TVA transmission system met TVA's steady-state performance guidelines stated below. Once participating PA's updated their transmission expansion plans in the roll-up case, TVA re-evaluated its current expansion plan. TVA did not find any instances where neighboring PA's expansion plans interacted negatively with TVA's current expansion plan. Through TVA's normal transmission capital project process, TVA coordinates with neighboring PA's when building new upgrades near the TVA border. Likewise, neighboring PA's coordinate with TVA when building new upgrades near the TVA system. This coordination minimizes the threat of negative system impacts due to the interaction of expansion plans between adjacent PA's.



Section 4 Inter-Area Enhancements

4.1 Introduction

After planning authorities performed analysis on the 2020 roll-up plan to determine any deficiencies, an opportunity was given for each Planning Authority to communicate with its neighbors to attempt to mitigate these problems. In addition, this gave a chance for PAs to examine proposed projects near their borders, and propose combined system enhancements for situations where more than one project had been proposed to address the same system deficiency. This was done to avoid duplication of efforts and better coordinate planning processes between neighboring PAs.

4.2 Map of Future Transmission Projects

One of the tools used to facilitate inter-area coordination was a map of all proposed transmission projects in the Eastern Interconnection. This map was built on a base map of all existing transmission above 200 kV; the Ventyx Velocity Suite was then used, with input from each Planning Authority, to add projects to the map. This enabled each Planning Authority to examine projects proposed by its neighbors, and quickly determine which projects might be close enough to their borders to affect their own system. This map of proposed transmission can be found in Appendix A.

4.3 Enhancements Considered

Alcoa Power Generating

Yadkin has no planned enhancements considered with neighboring PA's.

Duke Energy Carolinas

No new enhancements were considered with neighboring Planning Authorities. Previous analyses performed under the North Carolinas Transmission Planning Collaborative, the SERC Long Term Study Group, Southeast Inter-Regional Participation Process, and joint studies with neighboring Transmission Planners and Planning Authorities have not indicated additional enhancements beyond those modeled are presently justified.

E.ON

E.ON U.S. did not consider any enhancements to the 2020 EIPC case with any neighboring PA. E.ON U.S. is currently a member of both the SERC Near-Term and Long-Term Study Groups and participates in regional area studies with other SERC member utilities. As part of the E.ON U.S. Transmission Expansion Plan process, EON both monitors and analyzes select contingencies from neighboring PA systems for effects on/from future projects. E.ON U.S. conducts periodic joint studies with neighboring PAs when warranted.

Electric Energy Inc.

Entergy Services

No additional enhancements were identified in the Gap Analysis that are not currently being evaluated through Entergy's regional coordination process. In the regional coordination process Entergy along with the ICT coordinate with SPP and its respective members to share their expansion plans to ensure that they are simultaneously feasible and otherwise use consistent assumptions and data. The



coordination also helps identify any opportunities for regional optimization of the Entergy Construction Plan with the construction plans of the regional planning parties. Likewise Entergy participates in the Southeast Inter-regional Participation Process with other transmission owners. To the extent other adjoining transmission owners have seams agreements or joint planning processes with Entergy, Entergy and the ICT will identify any opportunities for regional optimization of the Entergy's Construction Plan with the construction plans of those adjoining transmission owners.

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

The only instances when both the IESO and neighboring Planning Authorities had proposed transmission facilities near the same interface was at the Ontario-Michigan interface. From discussions between the parties involved, it was determined that the proposed transmission projects at both sides of the interface were planned to accommodate new renewable generation. The transfer capability between Ontario and Michigan was not intended to be increased as a result of the new transmission projects.

ISO New England (ISO-NE)

ISO-NE did not consider any additional enhancements to our current regional plans. ISO-NE currently has coordinated planning processes in place with our neighboring control areas (NYISO, HQTE, and NBSO) through the Northeast Power Coordinating Council (NPCC). Any necessary interregional projects would be developed through that process.

JEA

MAPPCOR

MAPP worked with MISO to find any enhancements that we might consider, and found none. MAPP coordinates on planning issues with MRO, neighboring transmission owning utilities and RTOs. MAPP participates on neighboring PA's and transmission owning utilities stakeholders meetings and MAPP's regional planning process is open to all stakeholders.

Midwest ISO (MISO)

The Midwest ISO assessment of the roll-up model did not identify any gaps in reliable system performance against applicable standards. This is largely because of the coordination processes in place with adjacent systems. The Midwest ISO has coordinated with the following Planning Authorities as summarized below:

Midwest ISO and E.ON (LGEE): Prior to EIPC study, an issue was identified regarding DEM, LGEE and OVEC FCITC limits. There is a coordinated study effort currently underway to address this issue. No enhancements are recommended at this time.

Midwest ISO and IESO: The Midwest ISO had a general interest in the Lambton-Longwood-Chatham 230 kV line. Midwest ISO has no issues with this line and no enhancements were identified. The parties currently are coordinating on seasonal assessment studies. Planning coordination is done via processes described in the parties' Joint Operating Agreement.

Midwest ISO and MAPP: The two already participate in one another's planning process and are familiar with the current plans each has identified. No additional enhancement opportunities were identified.



Midwest ISO and PJM: Parties are working on issues associated with renewable integration and potential ties between their systems. The parties are also involved in a cross border top congested flowgate study. No enhancements were identified at this time. Planning coordination is done via processes described in the parties' Joint Operating Agreement.

Midwest ISO and SPP: Both companies are working on wind integration plans. No issues or concerns, no additional enhancements identified. Planning coordination is done via processes described in the parties' Joint Operating Agreement.

Midwest ISO and TVA: A single tie between the parties. No issues or concerns, no additional enhancements identified. Planning coordination is done via processes described in the parties' Joint Operating Agreement.

Midwest ISO and ATC: ATC is a Midwest ISO member; planning coordination is ongoing through Midwest ISO planning processes.

Midwest ISO and ITC: ITC is a Midwest ISO member; planning coordination is ongoing through Midwest ISO planning processes.

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

Per the Northeast Coordinated System Plan described in Section 3, no enhancements were identified for New York.

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth does not have any enhancements.

The cases developed by the SOCO Base case working group are the normal (pre-contingency) cases. The system models used for this case are a product of an annual effort between PowerSouth, Southern Company, SMEPA, and others in the SERC region. Annually, eleven (11) summer peak cases representing the forward looking ten years plus one more year, are developed for use in analysis by the participating utilities. Confidence is high in the accuracy of the model in the early years, but as time moves out to years 6-10, the models become less certain. One of the reasons for this is the unknown addition of generating plants to the region. The addition of these plants can have a significant impact on the transmission system in the area. These models do, however, contain the most recent information for not only the PowerSouth system, but also the surrounding utilities.

Progress Energy Carolinas

Progress Energy Carolinas (PEC) did not identify any opportunities for enhancements as part of the EIPC process. PEC currently coordinates with other transmission systems through participation in the following: SERC Long Term Study Group, North Carolina Transmission Planning Collaborative (NCTPC), Southeastern Inter-Regional Participation Process, other inter-regional study groups and joint studies with interconnected neighbors through bilateral agreements. PEC has enhanced our interfaces



through coordinated efforts with our neighboring PA's multiple times over the last several years and will be enhancing more interfaces within the next few years.

Progress Energy Florida

Santee Cooper

No new enhancements were considered with neighboring Planning Authorities as a result of assessments conducted for this study. Facilitated, Coordinated, and Joint Planning activities with neighboring Transmission Planners and Planning Authorities have not indicated a need for additional facilities beyond those modeled in this study

SCANA / SCE&G

Southern Company

Southern Companies submitted its most current transmission expansion plan, created utilizing the process identified in Section 2.5 of this report, as input into the 2020 EIPC Roll-Up case. Additionally, all other participating PAs in the EIPC provided an update for their respective areas that represent their current transmission expansion plans. Southern Companies, through coordination with its neighboring PAs, did not identify any potential enhancements to its transmission expansion plan.

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

No enhancements were identified through the EIPC enhancement coordination effort. During TVA's normal transmission capital project process, TVA coordinates with neighboring PA's when building new upgrades near the TVA border. Likewise, neighboring PA's coordinate with TVA when building new upgrades near the TVA system. Through this coordination affected system impact studies are conducted. These studies help identify opportunities to combine or modify TVA's and adjacent PA's internal expansion plans to create a more economic and robust transmission system.

Section 5 Linear Transfer Analysis

5.1 Linear Transfer Analysis Inputs

Linear transfer power flow analysis input files (monitored elements, subsystems, contingency files) were supplied by the area coordinators for each PA. Participation files from individual PAs were collected and assembled into subsystems by each area coordinator. Transfer subsystems were defined for exports and imports at a test level of 5,000 MW for each transfer, with transfer amounts allocated amongst the sink on a load ratio share. All facilities greater than 100 kV in the base case model were monitored. N-1 events for all facilities 161 kV and above in the base case model, including generators as appropriate, were taken as contingencies. Known, approved applicable operating procedures were included in the contingency file.

5.2 Linear Transfer Analysis Process

Linear transfer power flow analysis was performed to determine the ability of areas/regions to export and import power and demonstrate strength of the planned grid. The linear analysis was performed using PTI's PSS/MUST software, and is thermal only analysis (DC) and does not examine system voltage, or reactive supply, or stability issues.

Simulations were performed in batch mode and allowed for the utilization of an exclude file. When combined input files were used, the large number of contingencies and monitored elements involved in the analysis caused the terminal memory allocation of PSS/MUST to be exceeded. To overcome this, the combined contingency file was analyzed in parts, and the results of the study were assembled at the end.

Only limiting facilities under contingency with a response to transfer of 3.0% or greater were reported, and the Normal Incremental Transfer Capabilities (NITCs) and First Contingency Incremental Transfer Capabilities (FCITCs) identified through linear analysis techniques were not extrapolated beyond the test level. When the NITCs and FCITCs were equal to or exceeded 1,000 MW, they were rounded down to the nearest 100 MW. When they were less than 1,000 MW, they were rounded down to the nearest 50 MW.

5.3 Linear Transfer Analysis Results

Alcoa Power Generating

Duke Energy Carolinas

No new Duke Energy Carolinas flowgates were identified by the linear analysis performed. The only limiting flowgate identified can be eliminated with an ancillary equipment upgrade at very low cost.

E.ON

No E.ON U.S. facilities, 161kV and above, were shown to either be a valid limiting facility or contingency in any of the transfers.

Electric Energy Inc.



Entergy Services

ENTERGY: TBD

Florida Power & Light (FPL)

Independent Electricity System Operator (IESO)

This work is still under way and is expected to be completed shortly. The results obtained and reviewed to date were in line with our expectations.

The Ontario-Michigan interface consists of 4 circuits: J5D, B3N, L4D and L51D. By 2020, it is expected that all four circuits will be regulated using Phase-Angle Regulators (PARs). Due to the varying capacity of each circuit, the approach taken was to set appropriate flow schedules on the J5D and B3N, as they have the lowest capacity on the interface, and allow the bulk of the transfer in to and out of Ontario to flow on the L4D and L51D circuits. Since pre-transfer schedule was required on the J5D and B3N circuits, a separate case was required for each NPCC import and NPCC export scenario.

For normal operations, thermal-based constraints are observed on the Ontario-Michigan interface. Limitations on this interface may be due to the L4D or L51D PAR itself, which is expected as its rating is lowest out of each element in the circuit.

ISO New England (ISO-NE)

In most cases, New England facilities were not limiting in linear transfer analysis results. Because of New England's geographical location, all transfers to and from non-NPCC areas must pass through New York. Elements along the New York-PJM and Ontario-Michigan borders seemed to be the most limiting in transfers to and from the NPCC areas. The only New England contingencies seen in the linear transfer analysis results occurred at over 2000 MW beyond the most limiting flowgates; these contingencies were generally related to large source losses (either large generators or major HVDC import facilities). These large source losses tended to limit the amount of power which could be exported from New England, and thus limited exports from the NPCC areas.

JEA

MAPPCOR

Midwest ISO (MISO)

New Brunswick System Operator (NBSO)

New York ISO (NYISO)

Linear transfer analysis results are currently under review. Key binding flowgates/interfaces have not yet been identified.

PJM Interconnection

PowerSouth Energy Cooperative

PowerSouth has no issues to report.



Progress Energy Carolinas

Progress Energy Carolinas (PEC) did not identify any limiting constraints for any of the linear transfers performed.

Progress Energy Florida

Santee Cooper

No new Santee Cooper flowgates were identified as a result of the assessments conducted in this study.

SCANA / SCE&G

Southern Company

Southwest Power Pool (SPP)

Tennessee Valley Authority (TVA)

The Linear Transfer Analysis results identified that TVA has one transmission flowgate limiting regional transfers between Subsystem F (SPP) to Subsystem B (MISO, MAPPCCorr, and ATC) to 3400 MW. This flowgate is the TVA owned Widows Creek - Sequoyah 500-kV Transmission Line for the loss of the Browns Ferry Nuclear - Maury 500-kV Transmission Line.



Eastern Interconnection Planning Collaborative

Appendix A: Future Project Map

This map has not yet been included, due to possible concerns about confidentiality.



Appendix B: New/Upgraded Transmission Projects

PA	State(s)	From Bus		To Bus		Ckt	Voltage	Line Length (mi)	Expected In-Service (year)	Under Construction / Planned / Conceptual	Project Type (Reliability or Economic)	Description
		PSSE Bus #	Name	PSSE Bus #	Name							
Duke Carolinas	NC	306151	6PISGAH 230.0	306159	6SHILOH 230.0	1	230	22	2013	Under Construction	Reliability	Conductor upgrade
Duke Carolinas	NC	306151	6PISGAH 230.0	306159	6SHILOH 230.0	2	230	22	2013	Under Construction	Reliability	Conductor upgrade
Duke Carolinas	NC	306152	6PL GRDN 230.0	304332	6ASHEB 230.0	1	230	20	2011	Under Construction	Reliability	New tie line to CPLE
Duke Carolinas	NC	306461	CLFSDTAP 500.0				500		2011	Under Construction	Reliability	New station for Cliffside 6 generator
Entergy	TX	334442	Gulfway 230kV	334434	Sabine 230kV	1	230	5.5	2010	Complete	Reliability	Construct new 230 kV line
Entergy	LA	335536	Addis 230kV	303000	Cajun 230kV	1	230	0.1	2010	Construction	Reliability	Upgrade 230 kV line
Entergy	AR	337905	East Russelville 161kV	337904	South Russelville 161kV	1	161	4.1	2010	Complete	Reliability	Upgrade 161 kV line
Entergy	AR	337912	Arkansas Nuclear One 161kV	337906	North Russelville 161kV	1	161	8.79	2010	Complete	Reliability	Upgrade 161 kV line
Entergy	AR	338033	Parkin 161kV	338041	Twist 161kV	1	161	8.05	2010	Planned	Reliability	Upgrade 161 kV line
Entergy	AR	338131	Melbourne 161kV	338132	Sage 161kV	1	161	4.77	2010	Construction	Reliability	Upgrade 161 kV line
Entergy	TX	334069	Lewis Creek 230kV	334072	Lewis Creek 138kV	1	230/138kV	n/a	2011	Construction	Reliability	Convert line to 230 kV operation and add auto at Lewis Creek
Entergy	TX	334069	Lewis Creek 230kV	334085	Peach Creek 230kV	1	230	12.39	2011	Construction	Reliability	Convert line to 230 kV operation and add auto at Lewis Creek
Entergy	TX	334085	Peach Creek 230kV	334206	Jacinto 230kV	1	230	16.49	2011	Construction	Reliability	Convert line to 230 kV operation and add auto at Lewis Creek
Entergy	TX	334362	Inland Orange 230kV	334361	McLewis 230kV	1	230	6.55	2011	Planned	Reliability	Upgrade 230 kV line
Entergy	TX	334363	Hartburg 230kV	334362	Inland Orange 230kV	1	230	3.98	2011	Planned	Reliability	Upgrade 230 kV line
Entergy	LA	335381	Meaux 230 kV	335380	Meaux 138 kV	1	230/138kV	n/a	2011	Construction	Reliability	Acadiana Load Pocket Project Construct new 230 kV line and add auto at Meaux
Entergy	LA	336010	Bayou Laboutte 500 kV	336011	Bayou Laboutte 230 kV	1	500/230kV	n/a	2011	Planned	Reliability	Construct new 500-230 kV substation and 230 kV line
Entergy	LA	336011	Bayou Laboutte 230kV	336000	Iberville 230kV	1	230	1.5	2011	Planned	Reliability	Construct new 500-230 kV substation and 230 kV line



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Entergy	MS	337000	McAdams 230kV	337015	Pickens 230kV	1	230	16.3	2011	Construction	Reliability	Add 2nd 500-230 kV auto and construct new 230 kV line
Entergy	MS	337009	McAdams 500 kV	337000	McAdams 230 kV	2	500/230kV	n/a	2011	Construction	Reliability	Add 2nd 500-230 kV auto and construct new 230 kV line
Entergy	LA	337376	Sarepta 345 kV	337363	Sarepta 115 kV	1	345/115kV	n/a	2011	Construction	Reliability	Construct new 345-115 kV substation
Entergy	AR	338140	Holland Bottoms 500 kV	338016	Holland Bottoms 115 kV	1	500/115kV	n/a	2011	Planned	Reliability	Construct new 500-161-115 kV substation
Entergy	AR	338682	Osage Creek 161kV	338099	Grandview 161kV	1	161	5	2011	Planned	Reliability	Construct new 161 kV line
Entergy	LA	500776	Sellers Rd 230kV	335381	Meaux 230kV	1	230	9.3	2011	Construction	Reliability	Construct new 230 kV line
Entergy	LA	335190	Nelson 230kV	303101	Moss Bluff 230kV	1	230	7	2012	Planned	Reliability	Construct new 230 kV line
Entergy	LA	335771	Loblolly 230kV	336140	Hammond 230kV	1	230	26.3	2012	Construction	Reliability	Construct new 230 kV line
Entergy	LA	336069	Bayou Steel 230kV	336192	Tezcucu 230kV	1	230	10	2012	Planned	Reliability	Construct new 230 kV line
Entergy	LA	336086	Alliance 230 kV	336085	Alliance 115kV	1	230/115kV	n/a	2012	Planned	Reliability	Construct new 230 kV line and add auto at Alliance
Entergy	LA	336088	Oakville 230kV	336086	Alliance 230kV	1	230	10.3	2012	Planned	Reliability	Construct new 230 kV line and add auto at Alliance
Entergy	LA	336261	Peters Road 230kV	336088	Oakville 230kV	1	230	6.6	2012	Planned	Reliability	Construct new 230 kV line
Entergy	MS	336830	Baxter Wilson 500 kV	336800	Baxter Wilson 115 kV	2	500/115kV	n/a	2012	Construction	Reliability	
Entergy	MS	337059	South Grenada 230 kV	337063	South Grenada 115 kV	1	230/115kV	n/a	2012	Planned	Reliability	Construct new 230 kV line and add auto at South Grenada
Entergy	MS	337120	Tillatoba 230kV	337059	South Grenada 230kV	1	230	19	2012	Planned	Reliability	Construct new 230 kV line and add auto at South Grenada
Entergy	AR	337904	South Russelville 161kV	505508	Dardanelle 161kV	1	161	11.09	2012	Planned	Reliability	Upgrade 161 kV line
Entergy	AR	338015	Holland Bottoms 161kV	337940	Hamlet 161kV	1	161	20	2012	Planned	Reliability	Construct new 161 kV line
Entergy	AR	338140	Holland Bottoms 500 kV	338015	Holland Bottoms 161 kV	1	500/161kV	n/a	2012	Planned	Reliability	Construct new 500-161-115 kV substation
Entergy	AR	338163	Ebony South 161kV	n/a	n/a	n/a	161	n/a	2012	Planned	Reliability	Install 5 breaker ring bus at Ebony South and reconfigure substation to include two new lines
Entergy	AR	338186	Monette 161kV	338204	Paragould 161kV	1	161	16.73	2012	Planned	Reliability	Upgrade 161 kV line
Entergy	LA	502421	Labbe 230kV	500776	Sellers Rd 230kV	1	230	15.7	2012	Planned	Reliability	Acadiana Load Pocket Project Construct new 230 kV line
Entergy	LA	335568	Willow Glen 230kV	335580	Conway 230kV	1	230	15	2013	Planned	Reliability	Construct new 230 kV line
Entergy	MS	337149	Church Road 230kV	337140	Getwell 230kV	1	230	16	2013	Planned	Reliability	Construct new 230 kV line
Entergy	LA	337420	Sterlington 500kV	337414	Sterlington 115kV	3	500/115kV	n/a	2013	Construction	Reliability	Replace 500-115kV auto
Entergy	TX	334325	Hartburg 500 kV	334363	Hartburg 230 kV	2	500/230kV	n/a	2014	Conceptual	Reliability	Construct new 230 kV line and add 2nd auto at Hartburg
Entergy	TX	334363	Hartburg 230kV	334429	Chisolm Rd 230kV	1	230	15	2014	Conceptual	Reliability	Construct new 230 kV line and add 2nd auto at Hartburg
Entergy	LA	303101	Moss Bluff 230kV	335209	Lake Charles Bulk 230kV	1	230	15.28	2015	Conceptual	Reliability	Construct new 230 kV line and 230 kV switching station
Entergy	TX	334204	China 230kV	334327	Amelia 230kV	2	230	11	2015	Conceptual	Reliability	Construct 2nd China to Amelia 230 kV line
Entergy	TX	334326	Cypress 230kV	334324	Jacinto 230kV	1	230	53	2015	Conceptual	Reliability	Construct new 230 kV line



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Entergy	MS	337132	Senatobia Industrial 230kV	337133	Senatobia Industrial 115kV	1	230/115kV	n/a	2015	Planned	Reliability	Construct new 230 kV line and add auto at Senatobia Industrial
Entergy	MS	337140	Getwell 230kV	337132	Senatobia Industrial 230kV	1	230	26	2015	Planned	Reliability	Construct new 230 kV line and add auto at Senatobia Industrial
Entergy	LA	337377	Sterlington 230kV	337382	Drew 230kV	1	230	16.7	2015	Conceptual	Reliability	Monroe Area: Convert to 230kV
Entergy	LA	337381	Rilla 230kV	337386	Rilla 115kV	1	230/115kV	n/a	2015	Conceptual	Reliability	Add 230-115 kV auto
Entergy	LA	337381	Rilla 230kV	337387	Selman Field 230kV	1	230	10.25	2015	Conceptual	Reliability	Monroe Area: Convert to 230kV
Entergy	LA	337382	Drew 230kV	337383	Cheniere 230kV	1	230	2.98	2015	Conceptual	Reliability	Monroe Area: Convert to 230kV
Entergy	LA	337383	Cheniere 230kV	337384	Riser 230kV	1	230	6.62	2015	Conceptual	Reliability	Monroe Area: Convert to 230kV
Entergy	LA	337384	Riser 230kV	337412	Frost Craft 230kV	1	230	1.93	2015	Conceptual	Reliability	Monroe Area: Convert to 230kV
Entergy	LA	337387	Selman Field 230kV	337377	Sterlington 230kV	1	230	15.4	2015	Conceptual	Reliability	Monroe Area: Convert to 230kV
Entergy	LA	337412	Frost Craft 230kV	337385	Frost Craft 115kV	1	230/115kV	n/a	2015	Conceptual	Reliability	Add 230-115 kV auto
Entergy	LA	337420	Sterlington 500kV	337377	Sterlington 230kV	1	500/230kV	n/a	2015	Conceptual	Reliability	Add 500-230 kV auto
Entergy	AR	338130	Calico Rock 161kV	338131	Melbourne 161kV	1	161	16.63	2015	Conceptual	Reliability	Upgrade 161 kV line
Entergy	AR	338156	Viney Slough 500 kV	338157	Viney Slough 161 kV	1	500/161 kV	n/a	2015	Conceptual	Reliability	Construct new 500-161 kV substation
Entergy	AR	338157	Viney Slough 161 kV	338170	Jonesboro 161kV	1	161	11.59	2015	Conceptual	Reliability	Upgrade 161kV line
Entergy	AR	338157	Viney Slough 161 kV	338707	Trumann West 161kV	1	161	5.03	2015	Conceptual	Reliability	Construct new 161 kV line
Entergy	AR	338157	Viney Slough 161 kV	505420	Hergett 161kV	2	161	3.27	2015	Conceptual	Reliability	Construct new 161 kV line
Entergy	AR	338170	Jonesboro 161kV	505418	Jonesboro SPA 161kV	1	161	0.84	2015	Conceptual	Reliability	Upgrade 161 kV line
Entergy	AR	338707	Trumann West 161kV	338169	Trumann 161kV	1	161	6.48	2015	Conceptual	Reliability	Upgrade 161 kV line
Entergy	AR	505460	Bullshoals 161kV	338813	Midway 161kV	1	161	23.88	2015	Conceptual	Reliability	Upgrade 161 kV line
Entergy	TX	334320	Cypress 500 kV	334326	Cypress 230 kV	3	500/230kV	n/a	2017	Conceptual	Reliability	Add 2nd auto
Entergy	TX	334326	Cypress 230kV	334328	Bevil 230kV	1	230	12.95	2017	Conceptual	Reliability	Upgrade 230 kV line
Entergy	TX	334327	Amelia 230kV	334360	Helbig 230kV	1	230	10.3	2017	Conceptual	Reliability	Upgrade 230 kV line
Entergy	TX	334328	Bevil 230kV	334327	Amelia 230kV	1	231	5.68	2017	Conceptual	Reliability	Upgrade 230 kV line
Entergy	AR	337905	East Russelville 161kV	337906	North Russelville 161kV	1	161	3.19	2017	Conceptual	Reliability	Upgrade 161 kV line
Entergy	MS	337132	Senatobia Industrial 230kV	337123	Batesville 230kV	1	230	22	2018	Conceptual	Reliability	Construct new 230 kV line
Entergy	AR	337993	Gobell 230kV	337992	Gobell 115kV	1	230/115kV	n/a	2018	Conceptual	Reliability	Construct new 230-115 kV substation
Entergy	AR	338125	Mt Home 161kV	338814	Southland 161kV	1	161	1.38	2018	Conceptual	Reliability	Upgrade 161 kV line
Entergy	AR	338226	Jim Hill 161kV	338202	Datto 161kV	1	161	40	2018	Conceptual	Reliability	Construct new 161 kV line
Entergy	AR	338813	Midway 161kV	338125	Mt Home 161kV	1	161	4.41	2018	Conceptual	Reliability	Upgrade 161 kV line
Entergy	AR	505448	Norfolk 161kV	338130	Calico Rock 161kV	1	161	8.12	2018	Conceptual	Reliability	Upgrade 161 kV line
Entergy	LA	336190	Gypsy 230kV	336155	Hooker 230kV	1	230	4.35	2020	Conceptual	Reliability	Reconfigure area 230 kV
Entergy	LA	336225	Waggaman 230kV	336154	Waterford 230kV	1	230	9.4	2020	Conceptual	Reliability	Convert line to 230 kV operation
Entergy	LA	336225	Waggaman 230kV	336250	Ninemile 230kV	1	230	8.5	2020	Conceptual	Reliability	Convert line to 230 kV operation
Entergy	LA	336435	A B Patterson 230 kV	336412	A B Patterson 115 kV	1	230/115kV	n/a	2020	Conceptual	Reliability	Add 230-115 kV auto
LGEE	KY	324145	5GRAHMVL	360496	5C-33	2	161	2	#####	Under Construction	Reliability	Add second Grahamville-DOE 161kV line



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FPL	FL	400308	Fruitville	400352	Ringling	1	230	4.31	2011	Under Construction	Reliability	Line upgrade
FPL	FL	400123	Emerson	400266	Midway	1	230	15	2010	Under Construction	Reliability	Line upgrade
FPL	FL	400466	Orangedale	400841	Millcreek	1	230	0.33	2013	Under Construction	Reliability	Line upgrade
FPL	FL	400571	Deltona	400469	Sanford	1	230	14.5	2010	Under Construction	Reliability	Line upgrade
FPL	FL	401794	Bobwhite	400352	Ringling	2	230	0.1000 00001	2012	Planned	Reliability	New line
FPL	FL	400351	OrangeRiv	400919	Orangetree	2	230	0.1000 00001	2013	Planned	Reliability	New line
FPL	FL	401794	Bobwhite	400352	Ringling	1	230	0.1000 00001	2012	Planned	Reliability	New line
FPL	FL	401794	Bobwhite	400348	Laurelwood	1	230	0.1000 00001	2012	Planned	Reliability	New line
FPL	FL	401794	Bobwhite	400349	Manatee	1	230	13	2012	Planned	Reliability	New line
FPL	FL	401725	Gaco	401054	Pirola	1	230	12.5	2010	Under Construction	Reliability	New line
FPL	FL	400470	St Johns	401062	Pellicer	1	230	8	2013	Planned	Reliability	New line
FPL	FL	400712	O'Neil	410024	Kingsland	1	230	7.5	2012	Under Construction	Reliability	New line
FPL	FL	400750	Alico	400344	Ft Myers	1	230	19.5	2011	Under Construction	Reliability	New line
FPL	FL	400750	Alico	400344	Ft Myers	1	230	1	2011	Under Construction	Reliability	New line
FPL	FL	400119	Turkey Pt	401014	Prince230	1	230	11	2011	Under Construction	Reliability	New line
FPL	FL	400468	Putnam	400462	Rice	1	230	15.53	2013	Planned	Reliability	Line upgrade
FPL	FL	400468	Putnam	400398	Hudson	1	230	9.849	2015	Planned	Reliability	Line upgrade
FPL	FL	400817	FPL120G1	406496	Sampson	1	230		2012	Planned	Reliability	Line upgrade
FPL	FL	400266	Midway	400272	St Lucie	1	230	11.6	2011	Under Construction	Reliability	Line upgrade
FPL	FL	400266	Midway	400272	St Lucie	2	230	11.7	2011	Under Construction	Reliability	Line upgrade
FPL	FL	400266	Midway	400272	St Lucie	3	230	11.8	2011	Under Construction	Reliability	Line upgrade
FPL	FL	410119	Clear Sky	410120	autotransformer	1	500/230	0	2020	Planned	Reliability	Nuclear Plant
FPL	FL	410119	Clear Sky	410120	autotransformer	2	500/230	0	2020	Planned	Reliability	Nuclear Plant
FPL	FL	410120	Clear Sky	400120	Levee	1	500	43	2020	Planned	Reliability	Nuclear Plant
FPL	FL	410120	Clear Sky	400120	Levee	2	500	43	2020	Planned	Reliability	Nuclear Plant
FPL	FL	410119	Clear Sky	400109	Levee	1	230	43	2020	Planned	Reliability	Nuclear Plant
FPL	FL	410119	Clear Sky	400105	Davis	1	230	21	2020	Planned	Reliability	Nuclear Plant
FPL	FL	400356	Duval	410014	Series Comp		500	0	2020	Planned	Reliability	Nuclear Plant
FPL	FL	400356	Duval	410014	Series Comp		500	0	2020	Planned	Reliability	Nuclear Plant
FPL	FL	400535	Corbett	401225	Germantown	1	230	38.1	2011	Under Construction	Reliability	New line
IESO	On tari o	152000	Hanmer	156014	Claireville	1	500	215	2015	Conceptual	R	
IESO	On	151054	Lakehead	152061	Wawa	1	220	247.3	2015	Planned	R	



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IESO	On tari o	151054	Lakehead	152061	Wawa	2	220	247.3	2015	Planned	R	
IESO	On tari o	152049	Mississagi	152000	Hanmer	1	500	130.5	2015	Conceptual	R	
IESO	On tari o	160059	Lambton	160062	Longwood	1	220	47.2	2016	Conceptual	R	
IESO	On tari o	160069	Lambton	160062	Longwood	1	220	47.2	2016	Conceptual	R	
IESO	On tari o	152074	Wawa	152118	Third Line	1	220	103.1	2015	Conceptual	R	
IESO	On tari o	152074	Wawa	152118	Third Line	2	220	103.1	2015	Conceptual	R	
IESO	On tari o	156000	Bowmanville	156001	Cherrywood	5	500	28.6	2016	Conceptual	R	
IESO	On tari o	156000	Bowmanville	156001	Cherrywood	6	500	28.6	2016	Conceptual	R	
IESO	On tari o	155069	St. Lawrence	154050	Hawthorne	1	220	46.6	2016	Conceptual	R	
IESO	On tari o	155069	St. Lawrence	154050	Hawthorne	2	220	46.6	2016	Conceptual	R	
IESO	On tari o	151391	Nipigon	151393	Crow River	1	220	261	2013	Conceptual	R	
IESO	On tari o	160055	Chatham	160062	Longwood	1	220	51.6	2016	Conceptual	R	
IESO	On tari o	160055	Chatham	160062	Longwood	2	220	51.6	2016	Conceptual	R	
IESO	On tari o	152118	Third Line	152074	Mississagi	1	220	47.2	2015	Conceptual	R	
IESO	On tari	152118	Third Line	152074	Mississagi	2	220	47.2	2015	Conceptual	R	



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IESO	On tari o	158171	Ingersoll	158168	Karn	1	220	9.3	2011	Under Construction	R	
IESO	On tari o	158172	Ingersoll	158169	Karn	1	220	9.3	2011	Under Construction	R	
IESO	On tari o	160157	Sandwich Junction	160060	Lauzon TS	1	220	7.5	2016	Conceptual	R	
IESO	On tari o	160158	Sandwich Junction	160061	Lauzon TS	1	220	7.5	2016	Conceptual	R	
IESO	On tari o	158000	Milton	159000	Bruce	1	500	115.6	2013	Planned	R	
IESO	On tari o	158000	Milton	159001	Bruce	1	500	115.6	2013	Planned	R	
IESO	On tari o	157280	Allanburg	158069	Middleport	1	220	47.2	Unknow n	Under Construction	R	The construction is on hold
IESO	On tari o	157281	Allanburg	158071	Middleport	1	220	47.2	Unknow n	Under Construction	R	The construction is on hold
IESO	On tari o		Oshawa TS				500/220		2016	Conceptual	R	
IESO	On tari o		Karn TS				500/220		2011	Under Construction	R	
ISO-NE	ME	100089	South Gorham 345 kV	100165	South Gorham 115 kV	2	345/115	N/A	2010	Under Construction	Reliability	New second transformer
ISO-NE	ME	100002	Orrington 345 kV	100092	Albion Road 345 kV	1	345	59	2012	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	100092	Albion Road 345 kV	100005	Cooper Mills 345 kV	1	345	21	2012	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	100005	Cooper Mills 345 kV	100095	Larrabee Rd 345 kV	1	345	34	2012	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	100095	Larrabee Rd 345 kV	100087	Surowiec 345 kV	1	345	17	2012	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	100092	Albion Road 345 kV	100247	Albion Road 115 kV	1	345/115	N/A	2012	Planned	Reliability	New substation & transformer
ISO-NE	ME	100095	Larrabee Rd 345 kV	100118	Gulf Island 115 kV	1	345/115	N/A	2012	Planned	Reliability	New substation & transformer
ISO-NE	ME	100087	Surowiec 345 kV	100007	Raven Farm 345 kV	1	345	12	2012	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	100089	South Gorham 345 kV	100098	Maguire Road 345 kV	1	345	21	2012	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	100098	Maguire Road 345 kV	103710	Three Rivers 345 kV	1	345	27	2012	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	100007	Raven Farm 345 kV	100134	Raven Farm 115 kV	1	345/115	N/A	2012	Planned	Reliability	New substation & transformer
ISO-NE	ME	100098	Maguire Road 345 kV	100163	Maguire Road 115 kV	1	345/115	N/A	2012	Planned	Reliability	New substation & transformer



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ISO-NE	NH	104095	Deerfield 345 kV	104506	Deerfield 115 kV	2	345/115	N/A	2012	Under Construction	Reliability	New second transformer
ISO-NE	VT	107040	Vernon 345 kV	107050	Vernon 115 kV	1	345/115	N/A	2011	Under Construction	Reliability	New substation & transformer
ISO-NE	VT	107040	Vernon 345 kV	107010	Coolidge 345 kV	1	345	51	2011	Under Construction	Reliability	2-954 ACSR (via Newfane)
ISO-NE	MA	111133	Carver 345 kV	111134	Long Trm LSM 345 kV	1	345		2012	Planned	Reliability	
ISO-NE	MA	111134	Long Trm LSM 345 kV	111135	Long Trm LSM 115 kV	1	345/115	N/A	2012	Planned	Reliability	New transformer
ISO-NE	MA	113266	Pratts Junction 230 kV	113292	Pratts Junction 115 kV	2	230/115	N/A	2011	Planned	Reliability	New second transformer
ISO-NE	MA	113001	Bear Swamp 230 kV	113008	Bear Swamp 115 kV	2	230/115	N/A	2011	Planned	Reliability	New second transformer
ISO-NE	MA /V T	113001	Bear Swamp 230 kV	113266	Pratts Jct 230 kV	1	230	74	2011	Planned	Reliability	Retention existing line
ISO-NE	MA	113265	Wachusett 345 kV	113299	Wachusett 115 kV	3	345/115	N/A	2012	Planned	Reliability	New third transformer
ISO-NE	MA	115447	Auburn 345 kV	115453	Auburn 115 kV	1	345/115	N/A	2012	Planned	Reliability	New second transformer
ISO-NE	MA	116081	Agawam 345 kV	116152	Agawam 115 kV	1	345/115	N/A	2013	Planned	Reliability	New substation & transformers
ISO-NE	MA	116081	Agawam 345 kV	116152	Agawam 115 kV	2	345/115	N/A	2013	Planned	Reliability	New substation & transformers
ISO-NE	MA	116045	Ludlow 345 kV	116081	Agawam 345 kV	1	345	17	2013	Planned	Reliability	2-1590 ACSR
ISO-NE	MA	116045	Ludlow 345 kV	116120	Ludlow 115 kV	1	345/115	N/A	2013	Planned	Reliability	Two replacement transformers
ISO-NE	MA	116045	Ludlow 345 kV	116120	Ludlow 115 kV	2	345/115	N/A	2013	Planned	Reliability	Two replacement transformers
ISO-NE	MA	116081	Agawam 345 kV	119116	North Bloomfield 345 kV	1	345	18	2013	Planned	Reliability	2-1590 ACSR
ISO-NE	MA	119116	North Bloomfield 345 kV	119246	Frost Bridge 345 kV	1	345	35	2013	Planned	Reliability	2-1590 ACSR
ISO-NE	MA	119246	Frost Bridge 345 kV	120992	Frost Bridge 115 kV	2	345/115	N/A	2013	Planned	Reliability	New second transformer
ISO-NE	CT	119064	Card Street 345 kV	119051	Lake Road 345 kV	1	345	29	2013	Planned	Reliability	2-1590 ACSR
ISO-NE	CT	119194	Millstone 345 kV	119064	Card Street 345 kV	1	345	29	2013	Planned	Reliability	Millstone-Manchester line tapped into Card Street
ISO-NE	CT	119064	Card Street 345 kV	119077	Manchester 345 kV	1	345	20	2013	Planned	Reliability	
ISO-NE	CT /RI	119051	Lake Road 345 kV	117001	West Farnum 345 kV	1	345	25	2013	Planned	Reliability	2-1590 ACSR
ISO-NE	MA	114734	Brayton Point 345 kV	114900	Plainville 345 kV	1	345	20	2011	Planned	Reliability	Brayton Point-Bellingham line tapped into Plainville
ISO-NE	MA	114900	Plainville 345 kV	114733	Bellingham 345 kV	1	345	15	2011	Planned	Reliability	
ISO-NE	MA	114900	Plainville 345 kV	114865	Plainville 115 kV	1	345/115	N/A	2011	Planned	Reliability	New substation & transformer
ISO-NE	RI	117301	Kent County 345 kV	117332	Kent County 115 kV	3	345/115	N/A	2012	Planned	Reliability	New third transformer
ISO-NE	RI	117301	Kent County 345 kV	117001	West Farnum 345 kV	1	345	17	2012	Planned	Reliability	2-954 ACSR
ISO-NE	MA /RI	113264	Millbury 345 kV	117001	West Farnum 345 kV	1	345	21	2013	Planned	Reliability	2-1590 ACSR
JEA	FL OR ID A	404953	GEC	404855	Nocatee	30	230	4.4	Dec 1, 2014	Planned	Reliability	GEC = Greenland Energy Center
JEA	FL OR ID	404780	Jax Heights	405015	Yellow Water	1	230	11.0	Dec 1, 2012	Planned	Reliability	



MISO	A											
MISO	WI	699818	NMA	699829	CARDINAL	1	345	20.546	##### #	Proposed	Multi Value	P3127-Construct a new North Madison-Cardinal 345kV line
MISO	WI	693636	NORTH345	693607	EAST345	2	345	35.5	##### #	Proposed	Reliability	<p>P3206-1) Construct a new East 345 & 138 kV substation</p> <p>2) Install a new 345/138 kV transformer at East</p> <p>3) Loop Edgewater-South Fond du Lac, Edgewater-Cedarsauk, Sheboygan Energy Center-Granville 345 kV lines into East</p> <p>4) Loop the South Sheboygan Falls-Mullet River 138 kV line into East 138 kV</p> <p>5) Construct a new 138 kV line from East to Plymouth #4</p> <p>6) Construct a new 138 kV line from Plymouth #4 to Howards Grove</p> <p>7) Construct a new 138 kV line from Howards Grove to Erdman</p> <p>8) Convert the existing Forest Junction-Howards Grove-Plymouth #4 138 kV line and the northern portion of the existing Plymouth #4-Holland 138 kV line to 345 kV</p> <p>9) Terminate the not-converted Holland 138 kV line at East 138 kV</p> <p>10) Terminate the southern end of the converted 345 kV line at East</p> <p>11) Construct a new North 345 kV substation</p> <p>12) Loop the converted 345 kV line into North 345 kV substation</p> <p>13) Loop the Point Beach-Forest Junction, Point Beach-Sheboygan Energy Center 345 kV lines into North</p> <p>14) Uprate East-Cedarsauk 345 kV line to 960 MVA for SN/SE</p>
MISO	WI	693636	NORTH345	699304	FORST	1	345	12.88	##### #	Proposed	Reliability	<p>P3206-1) Construct a new East 345 & 138 kV substation</p> <p>2) Install a new 345/138 kV transformer at East</p> <p>3) Loop Edgewater-South Fond du Lac, Edgewater-Cedarsauk, Sheboygan Energy Center-Granville 345 kV lines into East</p> <p>4) Loop the South Sheboygan Falls-Mullet River 138 kV line into East 138 kV</p> <p>5) Construct a new 138 kV line from East to</p>



												<p>Plymouth #4</p> <p>6) Construct a new 138 kV line from Plymouth #4 to Howards Grove</p> <p>7) Construct a new 138 kV line from Howards Grove to Erdman</p> <p>8) Convert the existing Forest Junction-Howards Grove-Plymouth #4 138 kV line and the northern portion of the existing Plymouth #4-Holland 138 kV line to 345 kV</p> <p>9) Terminate the not-converted Holland 138 kV line at East 138 kV</p> <p>10) Terminate the southern end of the converted 345 kV line at East</p> <p>11) Construct a new North 345 kV substation</p> <p>12) Loop the converted 345 kV line into North 345 kV substation</p> <p>13) Loop the Point Beach-Forest Junction, Point Beach-Sheboygan Energy Center 345 kV lines into North</p> <p>14) Uprate East-Cedarsauk 345 kV line to 960 MVA for SN/SE</p>
MISO	IL	349730	7FARGO	349740	7MAPLE	1	345	20	##### #	Planned	Reliability	P2472-Tap existing 345kV line from Duck Creek to Tazewell and create new Maple Ridge Substation (\$6.5M)
MISO	WI	693668	SPG	699829	CARDINAL	1	345	28	##### #	Proposed	Reliability	P2845-Construct a new Spring Green-Cardinal 345kV line
MISO	WI	698849	PLS	270941	ZION	1	345	11.44	##### #	Proposed	Reliability	P3188-Replace Zion wave trap to increase line rating
MISO	IA	635200	RAUN	652564	SIOUXCY3	2	345	23	##### #	Proposed	Reliability	P2939-Construct a 23 mile 345 kV line between the Raun and Sioux City Substations
MISO	WI	601044	NLAX	699818	NMA	1	345	136.33 1	##### #	Proposed	Multi Value	P3127-Construct a new North La Crosse-North Madison 345kV line
MISO	WI	699119	ROE	699829	CARDINAL	1	345	32.14	##### #	Proposed	Reliability	P356-Construct a new 345/138 kV substation at Cardinal (next to the existing West Middleton sub), install a 345/138 kV 500 MVA transformer at Cardinal, construct 47.9 miles overhead 345 kV line from Albion to Cardinal/West Middleton, modifications to the existing West Middleton substation, construct a new Albion 345 kV switching station. Facility costs listed in the facility table are for the southern route.
MISO	IL	348774	7BALDWIN	345669	7RUSH	1	345	26	##### #	Planned	Other	P150-Establish a new Prairie State 345 kV switchyard including a 6-position breaker and ½ bus arrangement to accommodate 2 generating units and 4-345 kV outlet lines with



												<p>9-345 kV circuit breakers. Tap the existing Baldwin-Stallings 345 kV line 4531 "in and out" and build 7.5 miles of double-circuit 3000 A summer emergency capability line to the switchyard. Tap the existing Baldwin-Mt. Vernon 345 kV line 4541 "in and out" and build 1.5 miles of double-circuit 3000 A summer emergency capability line to the switchyard.</p> <p>At the Baldwin 345 kV switchyard, replace 9-345 kV circuit breakers that would be overstressed as a result of the Prairie State development. Also install 3-345 kV circuit breakers for a new Baldwin-Rush Island 345 kV line and a new connection for the Baldwin 345/138 kV transformer. Build a new 26 mile 345 kV 3000 A summer emergency capability line from Baldwin to Rush Island.</p>
MISO	IL	348778	7STALLINGS	348773	7PR	1	345	7.5	##### #	Planned	Other	<p>P150-Establish a new Prairie State 345 kV switchyard including a 6-position breaker and ½ bus arrangement to accommodate 2 generating units and 4-345 kV outlet lines with 9-345 kV circuit breakers. Tap the existing Baldwin-Stallings 345 kV line 4531 "in and out" and build 7.5 miles of double-circuit 3000 A summer emergency capability line to the switchyard. Tap the existing Baldwin-Mt. Vernon 345 kV line 4541 "in and out" and build 1.5 miles of double-circuit 3000 A summer emergency capability line to the switchyard.</p> <p>At the Baldwin 345 kV switchyard, replace 9-345 kV circuit breakers that would be overstressed as a result of the Prairie State development. Also install 3-345 kV circuit breakers for a new Baldwin-Rush Island 345 kV line and a new connection for the Baldwin 345/138 kV transformer. Build a new 26 mile 345 kV 3000 A summer emergency capability line from Baldwin to Rush Island.</p>
MISO	IL	348827	7W	348773	7PR	1	345	1.5	##### #	Planned	Other	<p>P150-Establish a new Prairie State 345 kV switchyard including a 6-position breaker and ½ bus arrangement to accommodate 2 generating units and 4-345 kV outlet lines with 9-345 kV circuit breakers. Tap the existing</p>



												<p>Baldwin-Stallings 345 kV line 4531 "in and out" and build 7.5 miles of double-circuit 3000 A summer emergency capability line to the switchyard. Tap the existing Baldwin-Mt. Vernon 345 kV line 4541 "in and out" and build 1.5 miles of double-circuit 3000 A summer emergency capability line to the switchyard.</p> <p>At the Baldwin 345 kV switchyard, replace 9-345 kV circuit breakers that would be overstressed as a result of the Prairie State development. Also install 3-345 kV circuit breakers for a new Baldwin-Rush Island 345 kV line and a new connection for the Baldwin 345/138 kV transformer. Build a new 26 mile 345 kV 3000 A summer emergency capability line from Baldwin to Rush Island.</p>
MISO	M N	608626	BOSWELL4	620447	CASS	1	230	68	##### #	Planned	Reliability	P279-Boswell - Wilton 230 ckt 1, Sum rate 495, Addition of a 187 MVA 230/115 kV transformer at Cass Lake
MISO	M N	601046	ALEXSS3	601047	WAITEPK3	1	345	55	##### #	Planned	Reliability	P286-Maple River- AlexandriaSS - Waite Park - Monticello 345 ckt 1, Sum rate 2085
MISO	M N/ ND	657792	MAPLE	601046	ALEXSS3	1	345	135	##### #	Planned	Reliability	P286-Maple River- AlexandriaSS - Waite Park - Monticello 345 ckt 1, Sum rate 2085
MISO	M N	601047	WAITEPK3	601010	MNTCELO3	1	345	35	##### #	Planned	Reliability	P286-Maple River- AlexandriaSS - Waite Park - Monticello 345 ckt 1, Sum rate 2085
MISO	M N	601051	HMPT	601039	NROC	1	345	36	##### #	Planned	Reliability	P1024-Construct Hampton Corner-North Rochester-Chester-North LaCrosse 345 kV line, North Rochester - N. Hills 161 kV line, North Rochester-Chester 161 kV line, Hampton Corner 345/161 transformer, North Rochester 354/161 transformer, North LaCrosse 345/161 transformer
MISO	M N	601039	NROC	601044	NLAX	1	345	82	##### #	Planned	Reliability	P1024-Construct Hampton Corner-North Rochester-Chester-North LaCrosse 345 kV line, North Rochester - N. Hills 161 kV line, North Rochester-Chester 161 kV line, Hampton Corner 345/161 transformer, North Rochester 354/161 transformer, North LaCrosse 345/161 transformer
MISO	SD /M N	601031	BRKNGCO3	601048	LYON	1	345	48.1	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double



MISO	M N	601048	LYON	601049	CEDAR	1	345	51.9	##### #	Proposed	Multi Value	Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601048	LYON	601049	CEDAR	1	345	51.9	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601049	CEDAR	601050	HELENA	2	345	62.2	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601049	CEDAR	601050	HELENA	1	345	62.2	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601050	HELENA	601052	LKMARION3	2	345	26.6	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601052	LKMARION3	601051	HMPT	1	345	18.5	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601048	LYON	601054	HAZEL	1	345	23.5	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601054	HAZEL	602008	MINVALT4	1	230	6	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double



												Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	M N	601052	LKMARION3	601051	HMPT	1	345	18.5	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	SD /M N	601031	BRKNGCO3	601048	LYON	1	345	48.1	##### #	Proposed	Multi Value	P1203-Brookings Cty-Lyon Cty-Cedar Mountain-Helena-Lk Marion-Hampton Corner (Double Ckt 345 kV); Lyon Cty-Hazel (Double Ckt 345 kV); Hazel-Minnesota Valley (Double Ckt 345 kV, initially operate at 230 kV); Cedar Mountain-Franklin (Single Ckt 115 kV)
MISO	IN	253620	10ABB345	249510	08GIBSON	1	345	40	##### #	Planned	Reliability	P1257-New 345 kV transmission line Gibson (Cinergy) to AB Brown (Vectren) to Reid (BREC)
MISO	IN/ KY	253620	10ABB345	340562	7REID	1	345	24	##### #	Planned	Reliability	P1257-New 345 kV transmission line Gibson (Cinergy) to AB Brown (Vectren) to Reid (BREC)
MISO	IA	631140	SALEM	631139	HAZLTON3	1	345	81	##### #	Planned	Other	P1340-Build a new Hazleton - Salem 345 kV line. Expand the Hazleton 345kV bus to a 5 position ring and expand the Salem 345kV ring to allow for a 2nd Salem 345/161 kV 448 MVA transformer. (option 1) The route will follow the existing Hazleton-Dundee-Liberty-Lore 161kV route.
MISO	IN	243207	05GRNTWN	700555	MEADOW	1	765	117	##### #	Proposed	Multi Value	P2202-part of 765 kV loop completion in Indiana
MISO	IN	243210	05SULLVA	700555	MEADOW	1	765	72	##### #	Proposed	Multi Value	P2201-part of 765 kV loop completion in Indiana
MISO	MI	265076	19WYATT	265077	19W-S-G	1	345	28	##### #	Planned	Multi Value	P3168-Double circuit 345 kV transmission for integration of wind resources
MISO	MI	264706	19GRNEC	265077	19W-S-G	2	345	22	##### #	Planned	Multi Value	P3168-Double circuit 345 kV transmission for integration of wind resources
MISO	MI	264706	19GRNEC	264746	19STOGA	2	345	16	##### #	Planned	Multi Value	P3168-Double circuit 345 kV transmission for integration of wind resources
MISO	IA	631139	HAZLTON3	636000	WEBSTER3	2	345	112	##### #	Proposed	Multi Value	P3211-345 kV line for Iowa wind outlet
MISO	IA, M N	631144	Mitchel Co	631138	Lakefield Junction	2	345	86	##### #	Proposed	Reliability	P1746-345 kV line for Minnesota wind outlet and Iowa wind collection
MISO	IA, M O	631143	OTTUMWA3	344002	WAdairTp	1	345	57.75	##### #	Proposed	Multi Value	P2248-345 kV line for MO wind collection and increased North-South capability



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MISO	M O	300039	FAIRPT	344002	WAdairTp	1	345	101.13	##### #	Proposed	Multi Value	P2248-345 kV line for MO wind collection and increased North-South capability
MISO	M O	300049	7THOMHL	344002	WAdairTp	1	345	47.25	##### #	Proposed	Multi Value	P2248-345 kV line for MO wind collection and increased North-South capability
MISO	IL	347679	Meredosia	348060	SEQuincy	1	345	45	##### #	Proposed	Multi Value	P3017-345 kV line for IL wind collection and increased East-West energy transfer
MISO	M O, I L	345435	7PALM TAP	348060	SEQuincy	1	345	15	##### #	Proposed	Multi Value	P3017-345 kV line for IL wind collection and increased East-West energy transfer
MISO	IL	347679	Meredosia	347962	Pawnee	1	345	63	##### #	Proposed	Multi Value	P2236-345 kV line for IL wind collection and increased East-West energy transfer
MISO	IL	347962	7PAWNEE	347945	Pana	1	345	22	##### #	Proposed	Multi Value	P2236-345 kV line for IL wind collection and increased East-West energy transfer
MISO	OH	238569	02BEAVER	238654	02DAV-BE	2	345	19	##### #	Proposed	Multi Value	P2260-345 kV line for interconnection of wind resources
MISO	SD	601031	BRKNGCO3	620313	BIGSTON3	1	345	35	##### #	Proposed	Multi Value	P2221-345 kV transmission for collection of wind energy
MISO	MI	265082	Arrowhead	265083	Cosmo Tap	1	345	15	##### #	Planned	Multi Value	P3168-Double circuit 345 kV transmission for integration of wind resources
MISO	IA	636000	WEBSTER3	637422	Burt	1	345	15	##### #	Proposed	Multi Value	P3205-345 kV line for collection of wind energy
MISO	IA	637422	Burt	637526	Osgood	1	345	14	##### #	Proposed	Multi Value	P3205-345 kV line for collection of wind energy
MISO	IA	637526	Osgood	637568	Wisdom	1	345	14	##### #	Proposed	Multi Value	P3205-345 kV line for collection of wind energy
MISO	IA	635368	SHELDON	637568	Wisdom	1	345	95	##### #	Proposed	Multi Value	P3205-345 kV line for collection of wind energy
MISO	IL	347288	7IPAVA	347679	Meredosia	1	345	35	##### #	Proposed	Multi Value	P3017-345 kV line for IL wind collection and increased East-West energy transfer
MISO	M O	344002	WAdairTp	345436	7PALMYRA	1	345	64	##### #	Proposed	Multi Value	P3170-345 kV line for MO wind collection and increased North-South capability
MISO	M N, WI	631180	DUBUQUE	693668	SPG	1	345	75.13	##### #	Proposed	Multi Value	P2832-Construct a new Dubuque Co-Spring Green 345kV line
MISO	M N	620447	CASS LK4	608626	BOSWELL4	1	230	85	##### #	Proposed	Reliability	P279-Boswell - Wilton 230 ckt 1, Sum rate 495, Addition of a 187 MVA 230/115 kV transformer at Cass Lake
MISO	WI	699002	COUNCIL CK	699239	COC 138	1	161		6/1/2013	Proposed	Other	P574-Monroe County - Council Creek 161 kV line, Council Creek 161/138 kV transformer; Council Creek-Petenwell uprate 138 kV
MISO	WI	699829	Cardinal	699820	345/138kV Xfmr	1	345	0	6/1/2013	Planned	Reliability	Construct a new 345/138 kV substation at Cardinal (next to the existing West Middleton sub), install a 345/138 kV 500 MVA transformer at Cardinal, construct 47.9 miles overhead 345 kV line from Albion to



												Cardinal/West Middleton, modifications to the existing West Middleton substation, construct a new Albion 345 kV switching station. Facility costs listed in the facility table are for the southern route.
MISO	MI	256509	18WEEDLK	256000	18ARGNTA	1	345	10	6/1/2013	Proposed	Reliability	P662-Loop the 345kV Argenta - Robinson Park 345kV circuit into a new 345/138kV EHV substation called Weeds Lake. Build 4 new (approximately 6 miles) 138kV circuits to loop the two Argenta-Milham 138kV lines into the substation.
MISO	IN	249525	08WESTWD	249874	08WESTWD	1	345		6/1/2015	Planned	Reliability	P841-Replace 1600A 138kV breaker with 3000A to allow full xfr rating.
MISO	MN	620184	WINGR Y2	620238	WINGER	1	230		##### #	Proposed	Reliability	P971-Winger 230/115 kV Transformer upgrade
MISO	MO	345543	5ENONTP1	300597	5ENON	1	161	1	6/1/2011	Planned	Reliability	P1238-Extend 1 mile of 161 kV to AECI Enon Substation
MISO	IN	249608	08CAYUGA	249615	08FRNKFT	1	230	0	6/1/2013	Planned	Reliability	P1244-Upgrade wave traps at Cayuga and Frankfort to increase line rating to 797 MVA.
MISO	IN	249619	08GRNTWN	249627	08PER SE	1	230	0	6/1/2011	Planned	Reliability	P1247-Upgrade Greentown to Peru SE 230kV line to 100C operating temperature.
MISO	IN	249626	08NOBLSV	249618	08GEIST	1	230	0	6/1/2011	Planned	Reliability	P1253-Replace 800A wave trap with a 2000A wave trap. Increase line rating for Noblesville to Geist 230kV line.
MISO	IN	253620	10ABB345	249510	08GIBSON	1	345	0	##### #	Planned	Reliability	P1257-New 345 kV transmission line Gibson (Cinergy) to AB Brown (Vectren) to Reid (BREC)
MISO	IN	249530	08EDWDSP	251903	08EDWST	1	345	0	##### #	Under Construction	Reliability	P1263-Edwardsport 420 MW: The Generating Facility will be located near the Interconnection Customer's existing Edwardsport Generating Station site which has three existing units 6, 7 and 8 that shall be retired before the Generating Facility provided by this LG
MISO	IN	249520	08SPEED	249850	08SPEED	1	345	0	6/1/2013	Planned	Reliability	P1264-Replace existing 345/138 transformer at Speed with a new transformer rated at 3,000A or higher.
MISO	IA	631139	HAZLTON3	631050	HAZLTON5	1	345	0	##### #	Planned	Reliability	P1288-Replace Hazleton 345/161 kV transformer #1 with 448 MVA unit
MISO	MI	264883	19B3N PS	264536	19BUNCE1	1	220	0	##### #	Planned	Other	P1308>Returns the Bunce Creek to Scott 220 kV circuit to service, and replaces the Phase Angle Regulator with 2 new phase angle regulating transformers in series
MISO	IN	248693	07NAPOL1	248470	07DCTRSS	1	161	25	3/1/2008	Planned	Other	P1321-161kV Transmission from Napoloen to DCSS, 30 MVAR Cap
MISO	IA	631139	HAZLTON3	631140	SALEM 3	1	345	0	6/1/201	Planned	Other	P1340-Build a new Hazleton - Salem 345 kV



									1			line. Expand the Hazleton 345kV bus to a 5 position ring and expand the Salem 345kV ring to allow for a 2nd Salem 345/161 kV 448 MVA transformer. (option 1) The route will follow the existing Hazleton-Dundee-Liberty-L
MISO	IA	631146	LWSFLDS7	631147	LWSFLDS5	1	161	0	##### #	Planned	Reliability	P1342-Build a new 161 kV substation Lewis Fields to be tapped to the 115 kV line Swamp Fox - Coggon at 5% distance via a new 161/115 kV transformer. Also build a new 161 kV line from Hiawatha to Lewis Fields
MISO	IA	631148	MORGANV3	631149	MORGANV5	1	345	7.9	6/1/2013	Proposed	Other	P1344-Build a new 345 kV Morgan Valley (Beverly) Tap substation and tapped to 345 kV line Arnold -Tiffin at 40% distance away from Arnold. Add a new 335 MVA 345/161 kV transformer and build a new 161 kV line connecting the new substation to Beverly 161 kV bus.
MISO	IA	631141	ROCK CK3	631140	SALEM 3	1	345	0	6/1/2011	Planned	Reliability	P1345-Replace the limiting facility of CTs and conductor inside the substations for 345 kV line Quad Cities-Rock Creek-Salem so the line rating can be raised to the same as conductor rating between substations
MISO	ND	661053	HESKET24	661054	HESKET27	1	230	0	##### #	Planned	Reliability	P1355-Heskett - Additional 230/115 kV Switchyard 230 115 Switchyard in parallel w/ existing Heskett switchyard and Cap Bank
MISO	IN	249630	08STAUTN	249633	08WAB	1	230	0	6/1/2011	Planned	Other	P1514-Uprate Wabash River to Staunton 23002 to 100C summer operating temperature and 80C winter (559MVA).
MISO	IN	249621	08KOK HP	249635	08WEBSTE		230	0	6/1/2012	Planned	Other	P1561-Retire existing 1600A circuit switcher and complete the Webster St ring in order to utilize the full capacity of the bundled 477 ACSS wire on the 23016 line.
MISO	IN	249889	08QUALTC	249518	08QUALTC	1	345	0	6/1/2013	Planned	Reliability	P1568-Qualitech Sub- Install one 345/138kv, 300Mva Xtr and 2-345kv Bkrs and 1-138kv Bkr to provide second 138kv source to proposed Hendricks Co 138kv system
MISO	OH	238615	02CHAMBR	238941	02MANSFD	1	345	2	6/1/2014	Proposed	Other	P1607-Loop the Chamberlin - Mansfield 345 kV Line in and out of Hanna Substation creating a Chamberlin - Hanna and a Hanna - Mansfield 345 kV Line.
MISO	PA	239280	02CRNBRY	239281	02CRNBRY	2	500	0	6/1/2012	Planned	Reliability	P1612-Construct a 500/138kV Sub with four exits in the Cranberry/Adams Township area.
MISO	MN	631041	LAKEFLD5	631040	HRN LK 5	1	161	17	##### #	Planned	Reliability	P1618-Rebuild Heron Lake-Lakefield 161kV line, sum rate 446 MVA
MISO	IA	631115	OTTUMWA5				161	0	##### #	Planned	Reliability	P1641-Install a 161kV 50 MVAR cap bank at the Ottumwa Generating Station.



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MISO	IA	631070	ANITA 5				161	0	##### #	Proposed	Reliability	P1643-Install a 161kV 24 MVAR cap bank at the Anita substation.
MISO	IA	631074	GR JCT 5				161	0	##### #	Proposed	Reliability	P1644-Install a 161kV 24 MVAR cap bank at the Grand Junction substation.
MISO	WI	602025	Monroe Co	699002	Council Ck	1	161	17.3	6/1/2013	Planned	Reliability	Monroe County - Council Creek 161 kV line, Council Creek 161/138 kV transformer; Council Creek-Petenwell uprate 138 kV
MISO	IA	631096	GR MND 5	631098	MQOKETA5	1	161	14.5	##### #	Planned	Reliability	P1744-Reconductor 161kV from Maquoketa to Grand Mound (old East Calamus-Maquoketa 161kV line)
MISO	IA	631048	EMERY 5	631047	LIME CK5	1	161	1	##### #	Planned	Other	P1754-Rebuild a portion of the Emery-Lime Creek 161kV line (about 1 mile)
MISO	MI	256022	18ROSVLT	256024	18TALLMG	1	345	0	##### #	Planned	Reliability	P1799-Remove the SAG limit on: Roosevelt - Tallmadge
MISO	MI	256000	18ARGNTA	256019	18PALISD	1	345	0	6/1/2010	Planned	Reliability	P1828-Remove the SAG limit on Argenta-Palisades 345kV ckt 1 & 2. Upgrade terminal equipment at both substations.
MISO	MI	264580	19JEWEL	264635	19PONTC	1	345	0	##### #	Proposed	Reliability	P1856-Cut the Pontiac section of the Belle River-Greenwood-Pontiac 345kV circuit into and out of Jewell station. Utilize an existing unused side of 345kV tower for one of the circuits into Jewell, and relocate the Jewell-Spokane 230kV circuit
MISO	OH	238654	02DAV-BE			3	345	0	##### #	Planned	Reliability	P1909-Reconfigure the Davis Besse switch yard by extending J and K buses and adding 345kV breakers
MISO	WI	699630	KEWAUNEE	699620	KEWAUNEE	2	345	0	5/1/2011	Proposed	Reliability	P1950-Reconfigure Kewaunee 345/138 kV switchyard and install a 2nd Kewaunee 345-138 kV transformer of 500 MVA.
MISO	MN	601015	BLUE LK3	601004	WILMART3	1	345	0	##### #	Planned	Multi Value	P1956-This project is to increase the capacity of the 345 kV line between Wilmarth and Blue Lake. Phase raise the line to allow for a normal 100 degree C operation. Allow for a 10% emergency loading using the new 4 ft/sec wind speed rating.
MISO	IN	253620	10ABB345	249510	08GIBSON	1	345	0	##### #	Planned	Reliability	P1970-New 448MVA 345/138kV transformer in addition to the Gibson-AB Brown-Reid 345kV line.
MISO	IN	249508	08DRESSR	249721	08DRESSR	3	345	0	6/1/2010	Planned	Reliability	P2050-Add a 3rd 345/138kV transformer at Dresser Sub
MISO	IN	254529	16PETE	254638	16PETE	2	345	0	6/1/2012	Planned	Reliability	P2053-Replace and upgrade existing East and West 345/138kV autotransformer at Petersburg Substation. Add 345kV breaker.
MISO	MO	344648	7GRAYSUM1	344650	4GRAY	2	345	0	##### #	Planned	Reliability	P2061-Install a 345 kV six position ring bus making Labadie - Tyson 1 & 2 345 kV lines and add a second 560 MVA 345/138 kV



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MISO	IL	347820	6N COULTR	348816	4N	1	230	0	6/1/2010	Proposed	Reliability	transformer. P2063-"Replace existing 140 MVA, 230/138 kV transformer with a 225 MVA unit. Install new 230kV circuit switcher and disconnect switch. Install new potential transformers for station power and upgrade the wave trap on the Coulterville-Tilden 138 kV line
MISO	IL	348856	7LATHAM	348851	7OREANA	1	345	8.5	##### #	Planned	Reliability	P2068-Convert Oreana 345 kV Bus to 6-Position Ring Bus with 3000 A Capability; Construct 8.5 miles of 345 kV line (2-954 kcmil ACSR conductor or equivalent capability) from Oreana Substation to 345 kV Line 4571 tap to Latham Substation. 3-345 kV PCB's at Orean
MISO	IL	349265	S.BLOOMGTN	348874	4S	1	345	0	##### #	Planned	Reliability	P2069-South Bloomington Area 345/138 kV Substation - Install 345/138 kV, 560 MVA Transformer. Extend new 345 kV line approximately 5 miles from Brokaw Substation to South Bloomington Substation. Install 1-138 kV PCB at South Bloomington Substation, and 2-345
MISO	OH	249575	08TERMNL	250117	08TRMNL1	1	345	0	##### #	Under Construction	Other	P2141-Terminal Substation - replace 138kv bank breaker and moving from line terminal 1782 over to main 138kv bus #1; replacing: 345kv(4514) wave trap, 138kv(1782 and 7481) wave traps
MISO	OH	239313	02FULTON	238738	02FULTON	1	345	0	6/1/2017	Proposed	Reliability	P2250-Construct Fulton Substation near the crossing point of the Allen Junction-Midway 345kV and Delta-Swanton 138kV lines, loop both lines into the new 345/138kV ring bus substation, install one 345/138kV transformer.
MISO	IA	631116	BRDGPRT5	631104	EIC	1	161	0	##### #	Under Construction	Reliability	P2359-Upgrade the Bridgeport 161kV sub & the EIC sub. These upgrades combined with the Tri-County upgrades will allow for the Bridgeport 69kV sub to be retired. The Bridgeport 69kV sub needs to be retired to allow for the plant to expand.
MISO	IA	631052	LANSINGW	681523	GENOA 5	1	161	0	##### #	Planned	Reliability	P2365-Upgrade the terminal limits & relaying on the Lansing-Genoa 161kV.
MISO	MI	256500	18MRPHYT	256499	18MURPHY	4	345	0	6/1/2011	Planned	Reliability	P2500-Install a second 345/138kV transformer at Murphy substation
MISO	WI	698863	BLUMND3	698865	BLUMND6	1	230	0	##### #	Proposed	Reliability	P2819-Replace Bluemound 230/138kV transformer T3 with a 400 MVA unit
MISO	WI	699262	BLUMND1	699263	BLUMND4	1	230	0	##### #	Proposed	Reliability	P2820-Replace Bluemound 230/138kV



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MISO	IL	346895	7COFFEEN	346886	7COFFEN N	2	345	0	##### #	Planned	Multi Value	transformer T1 with a 400 MVA unit P2829-Install a second 345 kV bus tie between Coffeen and Coffeen N ring busses; add a ring bus position at each station. Replace Coffeen N. wave trap and Ramsey E. switch to increase line rating from 956 MVA to 1195 MVA.
MISO	IN	249626	08NOBLSV	249618	08GEIST	1	230	0.6	##### #	Planned	Other	P2874-Relocate section of 23007 between Noblseville and Giest to new RoW around expanding mine operation - approx. 0.6 mile of added line length
MISO	IN	254529	16PETE	254521	16FRANCS	1	345	111.42	6/1/2013	Proposed	Reliability	P2897-Increase line rating from 956 to 1195 MVA
MISO	IN	254523	16GUION	249529	08WHITST	1	345	11.14	6/1/2015	Proposed	Reliability	P2899-Increase line rating from 956 to 1195 MVA
MISO	IL	636600	SB 39 3	636601	SB 39 5	2	345	0	6/1/2014	Proposed	Reliability	P2937-Add a second 345-161 kV xfmr. Expand 345 kV and 161 kV buses.
MISO	IL	636600	SB 39 3	636605	MECCORD3	1	345	15.5	6/1/2014	Proposed	Reliability	P2938-Change out structures to increase rating.
MISO	M O	300617	5SCRUGG	344028	5APCH	1	161	0	6/1/2011	Planned	Other	P2970-Apache Flats 161 kV Substation - Install 1-161 kV, 2000 A PCB and necessary metering and relaying to provide a delivery point for Associated Electric's Scruggs 161-69 kV Substation.
MISO	IA	636199	BLACKHAWK	636200	BLKHAWK5	1	345		##### #	Proposed	Multi Value	P3211-Add a Blackhawk 345/161kv Xfmr to the Hazelton-Webster 345 kV line
NYISO	NJ/ NY	217100	Bergen 230 kV (NJ)	128749	Hudson Converter	23	230/345		2011	Planned		AC/DC/AC converter
NYISO	NJ/ NY	128749	Hudson Converter	126304	West 49th St 345kV	1	345		2011	Planned		345 kV AC cable
NYISO	NY	126281	E. Fishkill	125022	E. Fishkill	2	345/115		2010	Planned		Transformer #2 (Standby)
NYISO	NY	126298	Sprain Brook	126847	Academy	1	345		2011	Planned		2000 CU
NYISO	NY	126277	Farragut	126272	East 13th Street	1	345		2010	Planned		Refrigeration Cooling
NYISO	NY	126277	Farragut	126273	East 13th Street	1	345		2010	Planned		Refrigeration Cooling
NYISO	NY	147845	Willis 1	147980	Patnode	1	230		2011	Planned		1-795 ACSR
NYISO	NY	147980	Patnode	147859	Duley	1	230		2011	Planned		1-795 ACSR
NYISO	NY	131157	Clarks Corners	130824	Clarks Corners	1	345/115		2010	Under Construction		Transformer
NYISO	NY	131157	Clarks Corners	130824	Clarks Corners	2	345/115		2010	Under Construction		Transformer
NYISO	NY	130761	Avoca	131154	Stony Ridge	1	230		2011	Planned		1033.5 ACSR
NYISO	NY	131154	Stony Ridge	130763	Hillside	1	230		2011	Planned		1033.5 ACSR
NYISO	NY	131154	Stony Ridge	131155	Stony Ridge	1	230/115		2011	Planned		Transformer
NYISO	NY	126277	Farragut	126275	East 13th Street	1	345		2016	Planned		Reconductoring
PJM	PA	235111	502 Jct 500KV	314913	Loudoun 500KV	1	500KV	215	6/1/201	Under Construction	Reliability	TRAIL Project



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	W V, VA								1			
PJM	NJ	200002	Branchburg 500KV	200096	Hudson 500KV	1	500KV	58	6/1/2013	Planned	Reliability	Branchburg-Hudson 500 KV line
PJM	VA	314902	Carson 500KV	314928	Suffolk 500KV	1	500KV	52	6/1/2011	Under Construction	Reliability	Carson-Suffolk 500 KV line
PJM	W V, VA M D	242508	John Amos 765KV	235636	Kemptown 765KV	1	765KV	275	6/1/2015	Planned	Reliability	PATH Project
PJM	VA M D	314922	Possum Point 500KV	200150	VIENNA 500 KV	1	500KV	130	6/1/2017	Planned	Reliability	MAPP Project
PJM	PA NJ	200022	Susquehanna 500KV	200094	Roseland 500KV	1	500KV	152	6/1/2012	Planned	Reliability	Susquehanna-Roseland 500 KVLine
PEC	NC	304803	6ASHEVL	304763	6ENKA SW	1	230	11.75	2010	Under Construction	Reliability	115 to 230 kV Line Conversion & new 230/115 kV transformation
PEC	NC	304378	6RICHMON	304398	6FB-WODR	1	230	70	2011	Under Construction	Reliability	Construct new 230 kV Line
PEC	NC	304332	6ASHEB	306152	6PL GRDN	1	230	18.9	2011	Under Construction	Reliability	Construct new 230 kV Line
PEC	NC	304348	6RKH	304361	6WESTEND	1	230	32	2011	Under Construction	Reliability	Construct new 230 kV Line
PEC	NC	304205	6CLINTON	304251	6LEE	1	230	28	2011	Under Construction	Reliability	Construct new 230 kV Line & new 230/115 kV substation
PEC	NC	304542	6FOLKSTN	N/A	N/A	N/A	230	N/A	2013	Under Construction	Reliability	Construct 230/115 kV substation, loop in 230kV line
PEC	NC	304009	6HARRIS1	304159	6RTP230	1	230	18	2014	Under Construction	Reliability	Construct new 230 kV Line
PEC	NC	304451	6PA-GRNV	304474	6DUP KIN	1	230	30	2017	Planned	Reliability	Construct new 230 kV Line
PEF	FL	403701	DISSTON	403704	NORTHEAST	1	230	4.21	2012	Planned	Reliability	New line
PEF	FL	403701	DISSTON	403702	FORTIETH STREET	1	230	3.5	2014	Planned	Reliability	New line
PEF	FL	403832	Morgan Road	408020	DL MABRY (TECo)	1	230	8	2011	Under Construction	Reliability	New line
PEF	FL	403832	Morgan Road	403838	ZEPHYRHILLS NORTH	1	230	23	2013	Under Construction	Reliability	New 230kV Tie-Line
PEF	FL	402288	Lake Tarpon	402913	Kathleen	1	500	44	2015	Planned	Reliability	New line
PEF	FL	402584	MYRTLE LAKE	402585	NORTH LONGWOOD	1	230	3.13	2017	Planned	Reliability	Line upgrade
PEF	FL	402887	HINES ENERGY COMPLEX	402891	WEST LAKE WALES	2	230	21	2011	Under Construction	Reliability	New line
PEF	FL	402891	DUNDEE	402883	INTERCESSION CITY	1	230	20	2010	Under Construction	Reliability	Line upgrade
PEF	FL	402891	LOUGHMAN (FUT)	402883	INTERCESSION CITY	2	230	20	2010	Under Construction	Reliability	New 230kV Line
PEF	FL	403516	AMERICAN CEMENT; SECO	403517	BUSHNELL EAST	1	230	9.5	2020	Planned	Reliability	New 230 kV Line



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PEF	FL	403518	BROOKRIDGE	403519	BROOKSVILLE WEST	1	230	3.32	2011	Under Construction	Reliability	New 230kV Line
PEF	FL	403518	BROOKRIDGE	403532	Lecanto	1	230	22.36	2012	Under Construction	Reliability	New 230kV Line
PEF	FL	403550	Brookridge	403559	Levy	1	500	42.400 00153	2017	Planned	Reliability	New 500kV Line
PEF	FL	403551	Central Florida	403559	Levy	1	500	60.900 00153	2017	Planned	Reliability	New 500kV Line
PEF	FL	402163	Camp lake	402160	Hancock Road	31	230	5.4	2017	Planned	Reliability	Line upgrade
PEF	FL	402068	Haines Creek	403521	CENTRAL FLORIDA	31	230	5.4	2017	Planned	Reliability	Line upgrade
PEF	FL	403514	Central Florida South	402163	CampLake	31	230	19.24	2017	Planned	Reliability	Line upgrade
PEF	FL	403514	Central Florida South	402164	Clermont East	31	230	4.88	2017	Planned	Reliability	Line upgrade
PEF	FL	402272	LK TARPN-B	402884	KATHLEEN	31	230	44	2017	Planned	Reliability	New 500kV Line
PEF	FL	403559	LEVY 500.00	403561	CFLA_SO500 500.00	31	500		2017	Planned	Reliability	New 500kV Line
PEF	FL	403559	LEVY 500.00	403562	CITRUS500 500.00	31	500		2017	Planned	Reliability	New 500kV Line
PEF	FL	403559	LEVY 500.00	403562	CITRUS500 500.00	32	500		2017	Planned	Reliability	New 500kV Line
PEF	FL	403555	CRYST RV 500.00	403559	LEVY 500.00	31	500		2017	Planned	Reliability	New 500kV Line
PEF	FL	403513	CITRUS230 230.00	403523	CRYST RE 230.00	31	230		2017	Planned	Reliability	New 230 kV Line
PEF	FL	403513	CITRUS230 230.00	403523	CRYST RE 230.00	32	230		2017	Planned	Reliability	New 230 kV Line
PEF	FL	403518	BRKRIDGE 230.00	403519	BRKSVL W 230.00	32	230		2017	Planned	Reliability	Loop into BrksvWest
PEF	FL	403518	BRKRIDGE 230.00	403519	BRKSVL W 230.00	33	230		2017	Planned	Reliability	Loop into BrksvWest
PEF	FL	403518	BRKRIDGE 230.00	403522	CR PLANT 230.00	32	230		2017	Planned	Reliability	Unloop the CREst sub from the existing CR-Brkrdge 230 kV line
PEF	FL	403519	BRKSVL W 230.00	403836	HUDSN 230.00	32	230		2017	Planned	Reliability	Loop existing Brkrdge-Hudson 230 kV line into BrksvWest
PEF	FL	403527	HOLDER 230.00	403533	ROSSPRAI 230.00	32	230		2017	Planned	Reliability	Loop Holder-CFL 230 kV line into RossPrairie substation
PEF	FL	403518	BRKRIDGE 230.00	403522	CR PLANT 230.00	33	230		2017	Planned	Reliability	New 230 kV line
PEF	FL	403515	ANDERSEN	403521	CENTRAL FLORIDA	31	230		2017	Planned	Reliability	New 230 kV line
PEF	FL	403515	ANDERSEN	403533	ROSS PRAIRIE	31	230		2017	Planned	Reliability	New 230 kV line
PEF	FL	402883	INTERCESSION CITY 230.00	402166	LK BRYAN 230.00	1	230	10	2012	Planned	Reliability	Line upgrade
PEF	FL	402883	INTERCESSION CITY 230.00	402166	LK BRYAN 230.00	2	230	10	2012	Planned	Reliability	Line upgrade
PEF	FL	403159	ARCHER 230.00	403171	HAILE SW 230.00	1	230		2015	Planned	Reliability	Line upgrade
PEF	FL	403159	ARCHER 230.00	403528	MARTIN W 230.00	1	230		2015	Planned	Reliability	Line upgrade
PEF	FL	403163	FT. WHITE SOUTH 230.00	403174	GINNIE 230.00	1	230		2015	Planned	Reliability	Line upgrade
PEF	FL	403165	NEWBERRY 230.00	403174	GINNIE 230.00	1	230		2015	Planned	Reliability	Line upgrade
PEF	FL	403171	HAILE SW 230.00	403174	GINNIE 230.00	1	230		2015	Planned	Reliability	Line upgrade
SCE&G	SC	370302	Graniteville	370320	Graniteville	3	230/115	0	##### #	Planned	Reliability	
SCE&G	SC	370201	Lake Murray	370210	Lake Murray	2	230/115	0	#####	Planned	Reliability	



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SCE&G	SC	370106	Denny Terrace	370103	Pineland	1	230	9	##### #	Planned	Reliability	
SCE&G	SC	370407	Yemassee	370470	Yemassee	3	230/115	0	##### #	Planned	Reliability	
SCE&G	SC	370013	PepperHill	370507	Summerville Trans	1	230	8.2	##### #	Planned	Reliability	
SCE&G	SC	370701	Cainhoy	370370	Cainhoy	1	230/115	0	##### #	Planned	Reliability	
SCE&G	SC	370204	CIP	370240	CIP	2	230/115	0	##### #	Planned	Reliability	
SCE&G	SC	370201	Lake Murray	370210	Lake Murray	3	230/115	0	##### #	Planned	Reliability	
SCE&G	SC	370106	Denny Terrace	370160	Denny Terrace	3	230/115	0	##### #	Planned	Reliability	
SCE&G	SC	370021	VCS Sub 2	370201	Lake Murray	2	230	19	##### #	Planned	Reliability	
SCE&G	SC	370011	AM Williams	370701	Cainhoy	2	230	9	##### #	Planned	Reliability	
SCE&G	SC	370510	Am Williams	370710	Cainhoy	2	115	9	##### #	Planned	Reliability	
SCE&G	SC	370302	Graniteville	370306	Urquhart	2	230	17.8	##### #	Planned	Reliability	
SCE&G	SC	370021	VCS Sub 2	370404	St. George	2	230	135	##### #	Planned	Reliability	
SCPSA	SC	311322	Arcadia	312766	Garden City	2	115	14.5	2011	planned	reliability	Arcadia-Garden City 115 kV Line #2
SCPSA	SC	312712	Hemingway	311384	Lake City	1	230	19	2012	planned	reliability	Fold the existing Hemingway-Marion 230 kV Line into the Lake City 230-69 kV Substation
SCPSA	SC	312729	Marion	311384	Lake City	1	230	19	2012	planned	reliability	Fold the existing Hemingway-Marion 230 kV Line into the Lake City 230-69 kV Substation
SCPSA	SC	311688	Carolina Forest	312813	Carolina Forest		230/115		2012	planned	reliability	Carolina Forest 230-115 kV Sub
SCPSA	SC	312813	Carolina Forest	312764	Dunes	2	115	4	2012	planned	reliability	Carolina Forest-Dunes115 kV Line #2
SCPSA	SC	311627	Orangeburg	311628	Orangeburg		230/115		2012	planned	reliability	Orangeburg 230-115 kV Sub
SCPSA	SC	311612	Pomaria	312993	Pomaria		230/69		2012	planned	reliability	Pomaria 230-69 kV Sub
SCPSA	SC	311382	Winnsboro	311059	Winnsboro		230/69		2013	planned	reliability	Winnsboro 230-69 kV Sub
SCPSA	SC	370012	VC Summer	311382	Winnsboro	1	230	14	2013	planned	reliability	VC Summer-Winnsboro 230 kV Line
SCPSA	SC	311654	Richburg	311399	Richburg		230/69		2014	planned	reliability	Richburg 230-69 kV Sub
SCPSA	SC	311382	Winnsboro	311654	Richburg	1	230	26.3	2014	planned	reliability	Winnsboro-Richburg 230 kV Line
SCPSA	SC	370012	VC Summer	311612	Pomaria	2	230	6.93	2014	planned	reliability	VC Summer-Pomaria 230 kV Line #2
SCPSA	SC	311716	Bucksville	311717	Bucksville		230/115		2015	planned	reliability	Bucksville 230-115 kV Sub
SCPSA	SC	311654	Richburg	312732	Flat Creek	1	230	32.45	2015	planned	reliability	Richburg-Flat Creek 230 kV Line
SCPSA	SC	312719	Winyah	311716	Bucksville	1	230	32.5	2016	planned	reliability	Winyah-Bucksville 230 kV Line



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SCPSA	SC	311612	Pomaria	312737	Sandy Run	1	230	58	2016	planned	reliability	Pomaria-Sandy Run 230 kV Line
SCPSA	SC	312737	Sandy Run	311330	Sandy Run		230/115		2016	planned	reliability	Sandy Run 230-115 kV Sub
SCPSA	SC	311717	Bucksville	312766	Garden City	1	115	15	2017	planned	reliability	Bucksville-Garden City 115 kV Line
SCPSA	SC	312737	Sandy Run	311627	Orangeburg	1	230	33.2	2017	planned	reliability	Sandy Run-Orangeburg 230 kV Line
SCPSA	SC	311673	Wassamassaw	311674	Wassamassaw		230/115		2017	planned	reliability	Wassamassaw 230-115 kV Sub
SCPSA	SC	312728	St. George	311393	St. George		230/115		2018	planned	reliability	St. George 230-115 kV Substation
SCPSA	SC	311627	Orangeburg	312728	St. George	1	230	29.07	2018	planned	reliability	Orangeburg-St. George 230 kV Line
SCPSA	SC	312710	Cross	311673	Wassamassaw	2	230	18.3	2018	planned	reliability	Cross-Wassamassaw 230 kV Line
SCPSA	SC	312728	St. George	312718	Varnville	1	230	41.1	2019	planned	reliability	St. George-Varnville 230 kV Line
SCPSA	SC	312718	Varnville	312840	Varnville		230/115		2019	planned	reliability	Construct a new Varnville 230-115 kV Sub
SOCO	AL	385180	N.OPEL6	385310	HILLABEE	1	230	37.6	2011	Planned	Reliability	Upgrade approximately 37.6 mi of 230 kV line to 110 C
SOCO	AL	384215	HOLT 6	385182	TUSC6	1	230	6.9	2011	Planned	Reliability	Construct approximately 6.9 mi of 230 kV line
SOCO	MS	388460	CARIERSW 230.00	388461	CARIERSW 115.00	1	230/115		2011	Planned	Reliability	Construct a new 230/115 kV substation
SOCO	MS	388460	CARIERSW 230.00	388400	KILN 230.00	1	230	26.4	2011	Planned	Reliability	Construct approximately 26.4 mi of 230 kV line
SOCO	GA	389001	MCINTOSH 230.00	389003	KRAFT 230.00	1	230	16.3	2012	Planned	Reliability	Rebuild approximately 16 mi of 230 kV lines
SOCO	GA	389001	MCINTOSH 230.00	389003	KRAFT 230.00	2	230	16.3	2012	Planned	Reliability	Rebuild approximately 16 mi of 230 kV lines
SOCO	AL	384965	DANWAYSS	385310	HILLABEE	1	230	32.05	2012	Planned	Reliability	Upgrade approximately 32 mi of 230 kV line to 110 C
SOCO	AL	384508	MONTG SS	384513	S MONTG6	1	230	7.7	2012	Planned	Reliability	Reconductor approximately 7.7 mi of 230 kV line
SOCO	GA	389001	MCINTOSH 230.00	389155	BLANDFORD 230	1	230	8.6	2013	Planned	Reliability	Reconductor approximately 18.2 mi of 230 kV line
SOCO	GA	389155	BLANDFORD 230	389044	MELDRIM 230	2	230	9.6	2013	Planned	Reliability	Reconductor approximately 18.2 mi of 230 kV line
SOCO	AL	384471	GREENCO6 230.00	384470	GREENCO3 115.00	2	230/115		2013	Planned	Reliability	Install a new 230/115 kV transformer
SOCO	AL	385178	AUTAUS8 500.00	385500	AUTAUG6 230.00	1	500/230		2013	Planned	Reliability	Install a new 500/230 kV transformer
SOCO	MS	388000	MDN NE 230.00	388001	MDN NE 115.00	1	230/115		2013	Planned	Reliability	Replace the 230/115 kV transformer
SOCO	MS	388000	MDN NE 230.00	388001	MDN NE 115.00	2	230/115		2013	Planned	Reliability	Replace the 230/115 kV transformer
SOCO	FL	387765	LAGUNA B 230.00	387836	L SMITH	1	230	14.2	2013	Planned	Reliability	Reconductor approximately 14.2 mi of 230 kV line
SOCO	FL	387765	LAGUNA B 230.00	387766	LAGUNA B 115.00	2	230/115		2013	Planned	Reliability	Install a new 230/115 kV transformer
SOCO	GA	389146	DEAN FOREST	389147	DEAN FOREST		230/115		2014	Planned	Reliability	Install a 400 MVA, 230/115 kV transformer
SOCO	GA	389175	BOULEVARD 2	389146	DEAN FOREST	1			2014	Planned	Reliability	Rebuild approximately
SOCO	GA	389001	MCINTOSH 230.00	389176	GS-W	1	230	14.3	2014	Planned	Reliability	Tap the Kraft-McIntosh 230 kV line with new 230 kV station
SOCO	GA	389176	GS-W	389003	KRAFT 230.00	1	230	2	2014	Planned	Reliability	Tap the Kraft-McIntosh 230 kV line with new 230 kV station
SOCO	GA	389146	DEAN FOREST	389176	GS-W	1	230	5	2014	Planned	Reliability	Build approximately 5 mi of new 230 kV line



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SOCO	GA	389146	DEAN FOREST	389003	KRAFT 230.00	1	230	5.7	2014	Planned	Reliability	Rebuild approximately 5.7 mi of 230 kV line
SOCO	AL	384400	GASTON	380179	ROOPVILLE	1	230	72	2014	Planned	Reliability	Upgrade approximately 72 mi of 230 kV line
SOCO	AL	385235	E PELHAM6	384400	GASTON	1	230	11.97	2014	Planned	Reliability	Upgrade approximately 11.97 mi of 230 kV line
SOCO	AL	385897	CO LINE6 230.00	385898	CO LINE3 115.00	2	230/115		2014	Planned	Reliability	Install a 230/115 kV transformer
SOCO	AL	384511	SNOWDN6	385138	PIKE CO6	1	230	32.3	2014	Planned	Reliability	Reconductor approximately 32.3 mi of 230 kV line
SOCO	GA	380317	ROCKVILLE 500.00	380018	SCHERER	1	500	54	2015	Planned	Reliability	Construct new 500 kV Sw St along Scherer-Warthen 500 kV line
SOCO	GA	380317	ROCKVILLE 500.00	383052	WARTHEN	1	500	24.5	2015	Planned	Reliability	Construct new 500 kV Sw St along Scherer-Warthen 500 kV line
SOCO	GA	380017	E WALTON 500.00	382098	E WALTON 230.00	1	500/230		2015	Planned	Reliability	Construct a new 500/230/115 kV Substation
SOCO	GA	380317	ROCKVILLE 500.00	380017	E WALTON 500.00	1	500	46.6	2015	Planned	Reliability	Construct approximately 46.6 mi of new 500 kV line
SOCO	GA	382098	E WALTON 230.00	382055	BETHABARA	1	230	13.3	2015	Planned	Reliability	Construct approximately 13.3 mi of new 230 kV line
SOCO	GA	382098	E WALTON 230.00	382055	BETHABARA	2	230	10.13	2105	Planned	Reliability	Construct approximately 10.13 mi of new 230 kV line
SOCO	GA	382098	E WALTON 230.00	382059	BOSTWICK	1	230	5.45	2015	Planned	Reliability	Construct approximately 5.45 mi of new 230 kV line
SOCO	GA	382098	E WALTON 230.00	382799	JACKS CREEK	1	230	13	2015	Planned	Reliability	Construct approximately 13 mi of new 230 kV line
SOCO	GA	382059	BOSTWICK	380122	E WATKNSV 2	1	230	11.38	2015	Planned	Reliability	Construct approximately 11.38 mi of new 230 kV line
SOCO	GA	380065	NORCROSS	380056	BERKELEY LAKE	1	230	3.5	2015	Planned	Reliability	Reconductor approximately 3.5 mi of 230 kV line
SOCO	GA	380086	CUMMING	381977	SHARON SP 230.00	1	230	6.6	2015	Planned	Reliability	Construct approximately 6.6 mi of new 230 kV line
SOCO	GA	381977	SHARON SP 230.00	382084	SHARON SP 115.00	1	230/115		2015	Planned	Reliability	Install a 230/115 kV transformer
SOCO	FL	387776	S ROSA 230.00	387775	SNT ROSA 115.00	1	230/115		2015	Planned	Reliability	Construct a new 230/115 Substation
SOCO	FL	387776	S ROSA 230.00	387775	SNT ROSA 115.00	2	230/115		2015	Planned	Reliability	Construct a new 230/115 Substation
SOCO	FL	387776	S ROSA 230.00	387765	LAGUNA B 115.00	1	230	21.35	2015	Planned	Reliability	Construct a new 230/115 Substation
SOCO	FL	387776	S ROSA 230.00	387765	LAGUNA B 115.00	2	230	21.35	2015	Planned	Reliability	Construct a new 230/115 Substation
SOCO	GA	380337	BAY CREEK	381937	BAY CREEK	1	230/115		2016	Planned	Reliability	Install a second 230/115 kV transformer
SOCO	GA	380100	E SOCIAL CIR	382370	R_ESC B-ESC	1	230		2016	Planned	Reliability	Install a 2% reactor on 230 kV line
SOCO	GA	380147	BRANCH	380172	W MILLEDGVL	1	230	6.23	2016	Planned	Reliability	Bundle approximately 6.23 mi of 230 kV line
SOCO	GA	382224	CORN CRIB 230.00	382225	CORN CRIB 115.00	1	230/115		2016	Planned	Reliability	Construct a new 230/115 kV substation
SOCO	GA	382224	CORN CRIB	380123	YATES	1	230	14.8	2016	Planned	Reliability	Loop in the existing 230 kV line into new substation
SOCO	GA	382224	CORN CRIB	380169	THOMASTON	1	230	40.5	2016	Planned	Reliability	Loop in the existing 230 kV line into new substation
SOCO	GA	380148	GORDON	380156	N DUBLIN	1	230	32	2016	Planned	Reliability	Construct approximately 32 mi of new 230 kV line



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SOCO	GA	383070	APPLING BIO	380224	OFFERMAN	1	230	27.1	2016	Planned	Reliability	Reconductor approximately 27.1 mi of 230 kV line
SOCO	GA	381216	HWY 54	381936	HWY 54	1	230/115		2016	Planned	Reliability	Construct a new 230/115 kV substation
SOCO	GA	381216	HWY 54	380026	UNION CITY	1	230	9.4	2016	Planned	Reliability	Loop in the existing 230 kV line into new substation
SOCO	GA	381216	HWY 54	380174	NEW HOPE	1	230	7.13	2016	Planned	Reliability	Loop in the existing 230 kV line into new substation
SOCO	GA	380090	LAWRENCEVL	380095	WINDER	1	230	15.3	2016	Planned	Reliability	Rebuild approximately 15.3 mi of existing 230 kV line
SOCO	GA	380040	ROSWELL 230.00	380048	PARKAIRE 230.00	1	230	4.5	2016	Planned	Reliability	Construct approximately 4.5 mi of new 230 kV line
SOCO	GA	380040	ROSWELL 230.00	380322	ROSWELL	1	230/115		2016	Planned	Reliability	Install a 230/115 kV transformer
SOCO	GA	380149	S MACON 230.00	380767	S MACON 115.00	1	230/115		2016	Planned	Reliability	Replace the existing 230/115 kV transformers
SOCO	GA	380149	S MACON 230.00	380767	S MACON 115.00	2	230/115		2016	Planned	Reliability	Replace the existing 230/115 kV transformers
SOCO	GA	380008	VOGTLE	381490	THOMSON	1	500	50	2016	Planned	Reliability	Construct approximately 50 mi of new 500 kV transmission line
SOCO	AL	384638	CHICK 6	384700	BARRY 6	1	230	18.43	2016	Planned	Reliability	Reconductor approximately 18.4 mi of 230 kV line
SOCO	AL	385425	S.DUNVL6 230.00	385426	S.DUNVL3	1	230/115		2016	Planned	Reliability	Install a 230/115 kV transformer
SOCO	GA	380095	WINDER P 230.00	382021	CLARKSBORO 230.00	1	230	14	2017	Planned	Reliability	Reconductor approximately 14.0 mi of 230 kV line
SOCO	GA	382751	CORNELIA 230.00	380407	CORNELIA 115.00	1	230/115		2017	Planned	Reliability	Install a 230/115 kV transformer
SOCO	GA	382751	CORNELIA 230.00	380091	MIDDLE FORK 230.00	1	230	10	2017	Planned	Reliability	Build approximately 10 mi of new 230 kV line
SOCO	GA	380165	W BRUNSWICK 230.00	382152	DORCHESTER 230.00	1	230	45	2017	Planned	Reliability	Build approximately 45 mi of new 230 kV line
SOCO	GA	382152	DORCHESTER 230.00	382140	DORCHESTER 115.00	2	230/115		2017	Planned	Reliability	Install a 230/115 kV transformer
SOCO	GA	382152	DORCHESTER 230.00	389051	LT OGEECHEE 230.00	1	230	21.9	2017	Planned	Reliability	Reconductor approximately 21.9 mi of 230 kV line
SOCO	GA	382470	E CARROLTON 230.00	382471	E CARROLTON 115.00	1	230/115		2017	Planned	Reliability	Construct a new 230/115 kV substation
SOCO	GA	382470	E CARROLTON 230.00	382469	BRIGHT STAR	1	230	5.3	2017	Planned	Reliability	Construct a new 230/115 kV substation and loop in 230 kV line
SOCO	GA	382470	E CARROLTON 230.00	382480	YELLOW DIRT	1	230	14.1	2017	Planned	Reliability	Construct a new 230/115 kV substation and loop in 230 kV line
SOCO	GA	380088	MCGRAU FORD 230.00	380209	HOPEWELL 230.00	2	230	11.9	2017	Planned	Reliability	Construct approximately 11.9 mi of new 230 kV line
SOCO	GA	380006	MIDDLE FORK 500.00	380091	MIDDLE FORK 230.00	1	500/230		2017	Planned	Reliability	Construct a new 500/230 kV substation
SOCO	GA	380006	MIDDLE FORK 500.00	306105	OCONEE 500.00	1	500		2017	Planned	Reliability	Construct a new 500/230 kV substation and loop in 500 kV line
SOCO	GA	380006	MIDDLE FORK 500.00	380011	S HALL 500.00	1	500	25	2017	Planned	Reliability	Construct a new 500/230 kV substation and loop in 500 kV line
SOCO	GA	380006	MIDDLE FORK 500.00	381490	THOMSON 500.00	1	500	90	2017	Planned	Reliability	Construct approximately 90 mi of new 500 kV line
SOCO	GA	380224	OFFERMAN 230.00	381093	OFFERMAN 115.00	3	230/115		2017	Planned	Reliability	Install a 230/115 kV transformer
SOCO	GA	380016	OHARA 500.00	380171	OHARA 230.00	2	500/230		2017	Planned	Reliability	Install a 500/230 kv transformer



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SOCO	GA	381301	SUWANEE 230.00	382035	S HALL 230.00	1	230	20	2017	Planned	Reliability	Construct approximately 20 mi of new 230kV line
SOCO	GA	380171	OHARA 230.00	381933	MCDONOUGH 230.00	1	230	20	2017	Planned	Reliability	Rebuild existing 115 kV to create new 230 kV circuit
SOCO	GA	381933	MCDONOUGH 230.00	380743	MCDONOUGH 115.00	1	230/115		2017	Planned	Reliability	Install a new 230/115 kV transformer
SOCO	GA	380147	BRANCH 230.00	382325	R_EATC B-E3 230.00	1	230	11.1	2018	Planned	Reliability	Install a 2% reactor at 230 kV substation
SOCO	GA	382325	R_EATC B-E3 230.00	382054	EATONTON C	1	230	0	2018	Planned	Reliability	Install a 2% reactor at 230 kV substation
SOCO	GA	380011	S HALL 500.00	380017	E WALTON 500.00	1	500	35	2018	Planned	Reliability	Construct approximately 35 mi of new 500 kV transmission line
SOCO	GA	380089	GAINSVL#2-1 230.00	380420	GAINSVL#2-1 115.00	1	230/115		2018	Planned	Reliability	Replace the existing 230/115 kV transformer
SOCO	GA	389001	MCINTOSH 230.00	389021	MCINTOSH 115.00	1	230/115		2018	Planned	Reliability	Replace the existing 230/115 kV transformer
SOCO	GA	380056	BERKELEY LK 230.00	381232	SPRUILL RD	1	230	3.9	2018	Planned	Reliability	Reconductor approximately 3.9 mi of 230 kV line
SOCO	GA	380066	SCOTTDALE 230.00	380357	SCOTTDALE 115.00	2	230/115		2018	Planned	Reliability	Install a new 230/115 kV transformer
SOCO	GA	381301	SUWANEE 230.00	381977	SHARON SP 230.00	1	230	14.5	2018	Planned	Reliability	Construct approximately 14.5 mi of new 230 kV line
SOCO	GA	380033	ADAMSVILLE	380034	BAKERS FRY	1	230	1.6	2019	Planned	Reliability	Reconductor approximately 1.6 mi of 230 kV line
SOCO	GA	380171	OHARA 230.00	381912	JONESBORO 230.00	1	230	8.9	2019	Planned	Reliability	Reconductor approximately 8.9 mi of 230 kV line
SOCO	GA	380117	WAYNESBORO 230.00	380562	WAYNESBORO 115.00	1	230/115		2019	Planned	Reliability	Replace the existing 230/115 kV transformer
SOCO	GA	382181	R_WMCINTSH1 230.00	381421	W MCINTOSH1 230.00	1	230	0	2019	Planned	Reliability	Install a 1% reactor on the 230 kV line
SOCO	GA	382181	R_WMCINTSH1 230.00	389001	MCINTOSH 230.00	1	230	0.43	2019	Planned	Reliability	Install a 1% reactor on the 230 kV line
SOCO	GA	382182	R_WMCINTSH2 230.00	381424	W MCINTOSH2 230.00	1	230	0	2019	Planned	Reliability	Install a 1% reactor on the 230 kV line
SOCO	GA	382182	R_WMCINTSH2 230.00	389001	MCINTOSH 230.00	1	230	0.37	2019	Planned	Reliability	Install a 1% reactor on the 230 kV line
SOCO	AL	385180	N.OPEL6 230.00	385181	N.OPEL3 115.00	2	230/115		2019	Planned	Reliability	Install a 230/115 kV transformer
SOCO	AL	384700	BARRY SP	387060	CRIST SP	1	230	61.5	2019	Planned	Reliability	Upgrade approximately 61.5 mi of 230 kV line
SPP	AR	506935	FLINT CREEK	90002	OSAGE CREEK		345	63	6/1/2016	Planned	R	Install 22 miles of new 345 kV, 2-954 ACSR line (Flint Creek to Shipe Road). Install 9 miles of 345 kV line from Shipe Road to East Rogers. Install 32 miles of 345 kV line from East Rogers to Osage Creek
SPP	N M/ TX	527896	HOBBS	527916	MIDLAND		345	89	#####	Planned	R	Convert existing 89.22 mile Hobbs - Midland 230 kV line to operate at 345 kV.
SPP	M O	542982	IATAN	542980	NASHUA	1	345	30	6/1/2015	Planned	R	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua.
SPP	KS /N EB	530583	KNOLL	640065	AXTELL		345	125	6/1/2013	Planned	EC	Build new 345 kV line from Knoll to interception point of Axtell to Knoll line. Updated mileage for filed route; reactor added at Post Rock (55 Mvar)
SPP	TX	508072	NW TEXARKANA	507455	TURK	1	345	33	4/1/201	Planned	TS	Build approximately 33 miles of 2-954 ACSR



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	/A R								2			from Turk to NW Texarkana.
SPP	KS	532771	RENO CO	532773	SUMMIT	1	345	51	##### #	Planned	EC	Install new 50.55-mile 345 kV line from Reno county to Summit; Substation work required at Summit for new 345 kV terminal
SPP	KS /O K	532794	ROSE HILL	514803	SOONER	1	345	53	6/1/201 2	Planned	R	New 345 kV line from Sooner to Oklahoma/Kansas Stateline or the interface with the Westar Energy line segment to achieve 3000 amp or greater emergency rating.
SPP	OK	515045	SEMINOLE	515224	MUSKOGEE	1	345	100	##### #	Planned	R	Build new 345 kV line from Seminole to Muskogee
SPP	KS	531469	SPEARVILLE	530583	KNOLL	1	345	90	6/1/201 2	Planned	EC	Build new 345 kV line from Knoll to interception point of Spearville to Knoll line. Updated for approved route mileage; reflect addition of reactor at Post Rock (35 Mvar)
SPP	TX	521157	HUGO	510911	VALLIANT	1	345	19	4/1/201 2	Planned	TS	Install 345 kV terminal equipment at Valliant Substation
SPP	TX /O K	525832	TUCO	523775	WOODWARD	1	345	178	##### #	Planned	R	New 345kV line from Woodward EHV to SPS Tuco
SPP	KS	532861	EAST MANHATTAN	532862	MCDOWELL		230		6/1/201 2	Planned	R	The East Manhattan-McDowell 115 kV is built as a 230 kV line but is operated at 115 kV. Substation work will have to be performed in order to convert this line to 230 kV operation..
SPP	TX	524365	RANDALL CO.	524415	AMARILLO S.	1	230	20	4/1/201 4	Planned	R	Build new 20 mile Randall Co - Amarillo South 230 kV line. Install second 230/115 kV transformer in Randall substation.
SPP	TX	526338	JONES	526677	GRASSLAND	2	230	18	6/1/201 3	Planned	R	Build new second Jones - Grassland 230 kV line.
SPP	N M	524875	OASIS	524897	PLEASANT HILL	1	230	16	6/1/201 2	Planned	R	Build new 16 mile Frio - Draw - Oasis 230 kV line. New 230/115 kV transformer at Frio - Draw substation.
SPP	N M	524897	PLEASANT HILL	524909	ROOSEVELT	1	230	26	##### #	Planned	R	Build new 26 mile Frio - Draw - Roosevelt County 230 kV line.
SPP	TX	525461	NEWHART	525213	SWISHER CO.	1	230	19	4/1/201 5	Planned	R	New 19 mile Swisher County Interchange - Newhart 230 kV line to new Newhart substation with 230/115 kV, 150/173 MVA transformer
SPP	TX	523095	HITCHLAND	523309	MOORE CO.	1	230	50	##### #	Planned	R	Build new 50 mile Moore County - Hitchland 230 kV rated at 541 MVA.
SPP	TX	523095	HITCHLAND	523155	OCHILTREE	1	230	35	6/1/201 2	Planned	R	Add 230 kV line from Hitchland to Ochiltree - 541 MVA.
SPP	O GE	515355	Igo 161 kV	515357	Razorback 161 kV	1	161		04/01/1 1	Planned	PL	Conversion from 69kV to 161kV.
SPP	O	515358	Short Mountain 161 kV	515316	Branch 161 kV	1	161		04/01/1	Planned	PL	Conversion from 69kV to 161kV.



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	GE							1				
SPP	O GE	503902	Fitzhugh 161 kV	515327	Helberg 161 kV	1	161		06/30/1 1	Planned	PL	Conversion from 69kV to 161kV.
SPP	O GE	515352	Altus 161 kV	503902	Fitzhugh 161 kV	1	161		06/30/1 1	Planned	PL	Conversion from 69kV to 161kV.
SPP	O GE	515319	Little Spadra 161 kV	515355	Igo 161 kV	1	161		04/01/1 1	Planned	PL	Conversion from 69kV to 161kV.
SPP	O GE	515353	Great Lakes Carbon 161 kV	515352	Altus 161 kV	1	161		06/30/1 1	Planned	PL	Conversion from 69kV to 161kV
	O GE	515355	Igo 161 kV	515354	Noark 161 kV	1	161		06/30/1 1	Planned	PL	Conversion from 69kV to 161kV
SPP	O GE	515354	Noark 161 kV	515353	Great Lakes Carbon 161 kV	1	161		06/30/1 1	Planned	PL	Conversion from 69kV to 161kV
SPP	GR DA	512714	Kansas Tap 161 kV	512642	W Siloam Springs 161 kV	1	161		06/01/1 5	Planned	R2	Reconductor line to 347MVA
SPP	GR DA	512642	W Siloam Springs 161 kV	512643	Siloam City 161 kV	1	161		06/01/1 5	Planned	R2	Reconductor line to 347MVA
SPP	KC PL	543069	Paola 161 kV	543129	Middle Creek 161 kV	1	161		06/01/1 3	Planned	PL	New Middle Creek sub and Paola-Middle Creek 161kV line
SPP	KC PL	543058	North Louisburg 161 kV	543129	Middle Creek 161 kV	1	161		06/01/1 3	Planned	PL	New North Louisburg-Middle Creek 161kV line
SPP	KC PL	543054	Cedar Niles 161 kV	#N/A	Clare 161 kV	1	161		06/01/1 2	Planned	PL	New Cedar Niles-Clare 161 kV Line & Clare substation
SPP	G M O	541346	Ritchfield 161 kV	541202	Sibley 161kV	1	161		06/01/1 0	Planned	PL	161kV Tap of Hallmark to Sibley
SPP	G M O	541215	Hallmark 161kV	541346	Ritchfield 161 kV	1	161		06/01/1 0	Planned	PL	161kV Tap of Hallmark to Sibley
SPP	KC PL	543030	Waldron 161 kV	546656	Maywood 161 kV	1	161		06/01/1 3	Planned	PL	New Waldron sub cut-in
SPP	KC PL	543030	Waldron 161 kV	543017	Weatherby 161 kV	1	161		06/01/1 3	Planned	PL	New Waldron sub cut-in
SPP	O GE	515300	Fort Smith 161 kV	515345	Colony 161 kV	1	161	2.2	06/01/1 3	Planned	R	Reconductor 2.2 miles of Fort Smith - Colony 161 kV line to 1590 kcmil ACSR and change terminal equipment at Ft. Smith and Colony substations to 2000A.
SPP	KC PL	543130	Sunflower	542966	West Gardner	1	161		06/01/1 3	Planned	PL	New Sunflower sub and cut-in
SPP	KC PL	543121	Hillsdale 161 kV	543054	Cedar Niles 161 kV	1	161		06/01/1 5	Planned	R	New Hillsdale - Cedar Niles 161 kV Line and Cedar Niles ring bus.
TVA	TN	360011	Rutherford	360412	Christiana	1	161	16.08	10-Nov	Under Construction	Reliability	
TVA	TN	360011	Rutherford	360386	East Murfreesboro	1	161	29.1	10-Nov	Under Construction	Reliability	
TVA	TN	360011	Rutherford	361655	Rockvale	1	161	7.38	11-Nov	Planned	Reliability	
TVA	TN	360012	Hemlock Semiconductor	360045	Montgomery 2	1	161	2.6	11-Nov	Planned	Reliability	



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TVA	TN	360019	Jackson	360683	Jackson 2	1	500/161	N/A	11-Jun	Under Construction	Reliability
TVA	TN	360021	Shelby	360568	Lagoon Creek	1	500	35.15	12-Jun	Planned	Reliability
TVA	MS	360030	Lowndes	360539	Caledonia CT	1	500	0.09	12-Jun	Planned	Reliability
TVA	MS	360035	West Point	360688	Clay	1	500	0.08	12-Jun	Planned	Reliability
TVA	MS	360036	West Point	361615	Waterway Drive Tap	1	161	26.67	11-Jun	Under Construction	Reliability
TVA	MS	360036	West Point	361496	Severcorr 2	2	161	20.39	10-Nov	Under Construction	Reliability
TVA	TN	360038	Johnsonville Fossil 1-4	361027	Trace Creek Tap	1	161	3.83	11-Jun	Under Construction	Reliability
TVA	TN	360041	Cumberland	360318	Erin	1	161	5.2	11-Jun	Under Construction	Reliability
TVA	KY	360043	Paradise	361032	Aberdeen Tap (KY)	1	161	14.9	11-Jun	Under Construction	Reliability
TVA	TN	360044	Montgomery	360045	Montgomery 2	1	500/161	N/A	13-Jun	Planned	Reliability
TVA	TN	360045	Montgomery 2	361654	West Creek	1	161	9.14	10-Nov	Under Construction	Reliability
TVA	TN	360045	Montgomery 2	360012	Hemlock Semiconductor	3	161	2.7	11-Nov	Planned	Reliability
TVA	TN	360048	Davidson	360581	Pin Hook	1	500	27.72	12-Jun	Planned	Reliability
TVA	TN	360051	Maury	361593	Spring Hill	1	161	6.02	10-Nov	Under Construction	Reliability
TVA	AL	360060	Madison	360088	Limestone	1	161	23.8	11-Nov	Planned	Reliability
TVA	AL	360061	Madison 1	361313	Redstone Tap 2	1	161	13.23	11-Jun	Under Construction	Reliability
TVA	AL	360062	Bellefonte 1	360065	Widows Creek	1	500	29.75	18-Jun	Planned	Reliability
TVA	AL	360062	Bellefonte 1	360060	Madison	1	500	40.82	18-Jun	Planned	Reliability
TVA	AL	360063	Bellefonte 2	360065	Widows Creek	1	500	21.3	18-Jun	Planned	Reliability
TVA	AL	360063	Bellefonte 2	360058	East Point	1	500	71	18-Jun	Planned	Reliability
TVA	AL - GA	360067	Widows Creek 2	360414	Oglethorpe	1	161	30.56	11-Nov	Planned	Reliability
TVA	AL - GA	360067	Widows Creek 2	360414	Oglethorpe	2	161	30.47	11-Nov	Planned	Reliability
TVA	TN	360071	Wilson	360581	Pin Hook	1	161	14.18	12-Nov	Planned	Reliability
TVA	TN	360081	Sequoyah	360110	Hiwassee	1	500	20.5	13-Nov	Planned	Reliability
TVA	TN	360084	Athens (TN)	361403	Niota	1	161	3.9	11-Nov	Planned	Reliability
TVA	TN	360085	Watts Bar 1	360093	Bull Run	1	500	53.91	10-Nov	Under Construction	Reliability
TVA	TN	360098	Volunteer 1	360527	East Knox	1	161	13	13-Nov	Planned	Reliability
TVA	TN	360100	John Sevier 1	360103	Phipps Bend	1	161	11.85	11-Nov	Planned	Reliability
TVA	TN	360100	John Sevier 1	360103	Phipps Bend	3	161	11.91	11-Nov	Planned	Reliability
TVA	TN	360100	John Sevier 1	360703	John Sevier CC Units 1-2 Tap	1	161	0	11-Nov	Planned	Reliability
TVA	TN	360100	John Sevier 1	360705	John Sevier CC Units 1-2	3	161	0	11-Nov	Planned	Reliability
TVA	TN	360110	Hiwassee	360085	Watts Bar 1	1	500	24.5	13-Nov	Planned	Reliability
TVA	TN	360111	Hiwassee	360110	Hiwassee	1	500/161	N/A	13-Nov	Planned	Reliability
TVA	TN	360112	Hiwassee	360111	Hiwassee	2	500/162	N/A	14-Nov	Planned	Reliability



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TVA	TN	360133	Dumplin Valley	360527	East Knox	1	161	7.8	11-Jun	Under Construction	Reliability	
TVA	TN	360135	Union City	361406	South Fifth Union City Tap	1	161	3	10-Nov	Under Construction	Reliability	
TVA	TN	360150	Alamo (TN)	361658	Bells	1	161	6	13-Jun	Planned	Reliability	
TVA	TN	360152	South Jackson	361640	Morris Tap	1	161	8.42	11-Jun	Under Construction	Reliability	
TVA	TN	360158	Covington	361647	Burlison Tap	1	161	0.15	12-Jun	Planned	Reliability	
TVA	TN	360173	North Lexington	361594	Lexington	1	161	3.78	14-Jun	Planned	Reliability	
TVA	MS	360204	South Philadelphia	361120	Pearl River Tap	1	161	7.36	12-Jun	Planned	Reliability	
TVA	MS	360209	Corinth	361531	Biggersville	1	161	8.9	10-Nov	Under Construction	Reliability	
TVA	MS	360229	Calhoun City	361607	Southwest Bruce Tap	1	161	4.8	12-Jun	Planned	Reliability	
TVA	MS	360232	Sturgis	361589	Northwest Louisville	1	161	12.32	15-Jun	Planned	Reliability	
TVA	MS	360234	Lowndes	361624	Black Warrior Tap	1	161	10.2	11-Jun	Under Construction	Reliability	
TVA	MS	360236	Columbus	361620	Caldwell Road	1	161	16.36	10-Nov	Under Construction	Reliability	
TVA	MS	360242	Philadelphia	360204	South Philadelphia	1	161	0.9	12-Jun	Planned	Reliability	
TVA	AL	360267	Wheeler	360268	Elgin	1	161	5.7	11-Jun	Under Construction	Reliability	
TVA	AL	360268	Elgin	360502	Dunn	1	161	24.46	11-Jun	Under Construction	Reliability	
TVA	TN	360279	Guntersville	360280	Guntersville	14	161/115	N/A	10-Nov	Under Construction	Reliability	
TVA	AL	360281	Limestone	361637	County Line Road	1	161	6.9	10-Nov	Under Construction	Reliability	
TVA	AL	360287	Pisgah	360288	Henagar	1	161	5.99	11-Jun	Under Construction	Reliability	
TVA	AL	360288	Henagar	360286	Fort Payne	1	161	11.96	11-Jun	Under Construction	Reliability	
TVA	AL	360291	Farley	361566	Big Cove Tap	1	161	4.82	10-Nov	Under Construction	Reliability	
TVA	AL	360291	Farley	361650	Byrd Springs	1	161	4.71	11-Nov	Planned	Reliability	
TVA	AL	360291	Farley	360279	Guntersville	1	161	16.68	11-Nov	Planned	Reliability	
TVA	TN	360322	Clarksville	361656	Gibbs Lane	1	161	5.9	11-Jun	Under Construction	Reliability	
TVA	KY	360331	Bowling Green	360540	Lost City	1	161	26.71	11-Jun	Under Construction	Reliability	
TVA	KY	360334	Summer Shade	361603	East Glasgow Tap	1	161	12.2	10-Nov	Under Construction	Reliability	
TVA	KY	360336	Franklin (KY)	361634	East Simpson Tap	1	161	2.2	11-Jun	Under Construction	Reliability	
TVA	TN	360349	Lebanon	360552	Lascassas	1	161	19	10-Nov	Under Construction	Reliability	
TVA	TN	360352	Gallatin	360530	Angeltown	1	161	19.4	12-Jun	Planned	Reliability	
TVA	TN	360352	Gallatin Fossil 1	360349	Lebanon	1	161	12.6	10-Nov	Under Construction	Reliability	
TVA	TN	360356	Springfield	365215	Goodlettsville (NES)	1	161	15.47	12-Jun	Planned	Reliability	
TVA	TN	360356	Springfield	360358	North Nashville	1	161	17.31	12-Jun	Planned	Reliability	
TVA	TN	360358	North Nashville	361192	Bethel Road	1	161	9.84	12-Jun	Planned	Reliability	
TVA	TN	360385	Murfreesboro	361651	Gateway	1	161	1.75	11-Jun	Under Construction	Reliability	
TVA	TN	360399	Great Falls	361516	Wheeler Mountain	1	161	25.84	11-Jun	Under Construction	Reliability	
TVA	TN	360433	Kingston Fossil 7-9	361626	Kingston Tap	1	161	3.5	10-Nov	Under Construction	Reliability	
TVA	TN	360442	Elza	361542	Windrock	1	161	10.86	11-Jun	Under Construction	Reliability	



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TVA	TN	360444	Fort Loudoun	361652	Poland Creek Tap	1	161	10.24	14-Nov	Planned	Reliability	
TVA	TN	360448	Wolf Creek	361618	Kelsey Road	1	161	14	11-Nov	Planned	Reliability	
TVA	TN	360485	Elizabethton	361494	Row Branch	1	161	15.87	10-Nov	Under Construction	Reliability	
TVA	AL	360502	Dunn	360305	Mount Pleasant	1	161	26.54	11-Jun	Under Construction	Reliability	
TVA	TN	360505	Rally Hill	361657	Chapel Hill	1	161	11.2	11-Nov	Planned	Reliability	
TVA	TN	360520	Cross Plains	361613	White House Tap	1	161	4.23	10-Nov	Under Construction	Reliability	
TVA	TN	360527	East Knox	360460	Nixon Road	1	161	11.1	11-Jun	Under Construction	Reliability	
	MS	360528	Clayton Village	361290	Lakeside	1	161	1	13-Jun	Planned	Reliability	
TVA	MS	360528	Clayton Village	361610	Starkville Tap	1	161	4.6	13-Jun	Planned	Reliability	
TVA	MS	360528	Clayton Village	361161	Catalpa Creek	1	161	9.1	13-Jun	Planned	Reliability	
TVA	TN	360530	Angeltown	360439	Portland SS	1	161	9.55	12-Jun	Planned	Reliability	
TVA	GA	360533	Center Point	360621	Moss Lake	1	230	16.08	10-Nov	Under Construction	Reliability	
TVA	GA	360621	Moss Lake	360622	Moss Lake	1	230/115	N/A	10-Nov	Under Construction	Reliability	
TVA	GA	360622	Moss Lake	361442	Gordon County Tap	1	115	4.4	10-Nov	Under Construction	Reliability	
TVA	GA	360622	Moss Lake	361486	Resaca South	1	115	2.67	10-Nov	Under Construction	Reliability	
TVA	MS	360654	Choctaw	360035	West Point	1	500	37.38	12-Jun	Planned	Reliability	
MLGW	TN	360678	Shelby (MLGW) 1	365573	Bolen Huse (MLGW)	1	161	5.8	15-Jun	Planned	Reliability	
TVA	MS	360688	Clay	360654	Choctaw	1	500	37.38	12-Jun	Planned	Reliability	
TVA	MS	360689	Clay	360528	Clayton Village	1	161	12	13-Jun	Planned	Reliability	
TVA	TN	360690	Montgomery 1	360012	Hemlock Semiconductor	1	161	3	13-Jun	Planned	Reliability	
TVA	TN	361027	Trace Creek Tap	360318	Erin	1	161	28.87	11-Jun	Under Construction	Reliability	
TVA	TN	361031	Tennol Tap	361636	Chicago Bridge & Iron	1	161	0.5	10-Nov	Under Construction	Reliability	
TVA	KY	361032	Aberdeen Tap (KY)	360332	East Bowling Green	1	161	25.64	11-Jun	Under Construction	Reliability	
TVA	MS	361107	Egypt Pumping Station Tap	360036	West Point	1	161	16.18	12-Jun	Planned	Reliability	
TVA	MS	361107	Egypt Pumping Station Tap	360689	Clay	1	161	16.44	12-Jun	Planned	Reliability	
TVA	MS	361107	Egypt Pumping Station Tap	360227	Egypt Pumping Station	1	161	1.75	12-Jun	Planned	Reliability	
TVA	MS	361121	Aberdeen Tap (MS)	360036	West Point	1	161	10.61	12-Jun	Planned	Reliability	
TVA	MS	361121	Aberdeen Tap (MS)	360689	Clay	1	161	10.74	12-Jun	Planned	Reliability	
TVA	MS	361175	Langford	361600	Fannin Tap	1	161	5	11-Nov	Planned	Reliability	
TVA	TN	361192	Bethel Road	365215	Goodlettsville (NES)	1	161	7.91	12-Jun	Planned	Reliability	
TVA	AL	361224	Addison	361642	Helicon	1	161	6.5	11-Nov	Planned	Reliability	
TVA	TN	361228	Moscow Tap (TN)	361628	Macon Tap (TN)	1	161	4.85	13-Jun	Planned	Reliability	
TVA	MS	361255	Woodson Ridge	361428	College Hill	1	161	2	11-Jun	Conceptual	Reliability	
TVA	TN	361267	Westmoreland	360530	Angeltown	1	161	6.4	12-Jun	Planned	Reliability	
TVA	GA	361289	Crawfish Creek	361633	Cloudland Canyon	1	230	5.59	10-Nov	Under Construction	Reliability	
TVA	MS	361290	5LAKESIDE MS	360036	West Point	1	161	13	12-Jun	Planned	Reliability	
TVA	MS	361290	5LAKESIDE MS	360689	Clay	1	161	13	12-Jun	Planned	Reliability	



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TVA	AL	361332	Sylvania	361645	Rainsville Industrial Park Tap	1	161	2.46	11-Jun	Under Construction	Reliability
TVA	TN	361388	Unionville	361657	Chapel Hill	1	161	6.09	12-Jun	Planned	Reliability
TVA	TN	361403	Niota	361210	Sweetwater	1	161	7.94	11-Nov	Planned	Reliability
TVA	TN	361406	South Fifth Union City Tap	361422	Troy	1	161	6.88	10-Nov	Under Construction	Reliability
TVA	MS	361411	Sand Hill	361600	Fannin Tap	1	161	4.18	11-Nov	Planned	Reliability
TVA	AL	361438	Flat Rock Tap	360288	Henagar	1	161	9.46	11-Jun	Under Construction	Reliability
TVA	GA	361442	Gordon County Tap	360626	Fuller	1	115	3.1	10-Nov	Under Construction	Reliability
TVA	TN	361494	Row Branch	361142	Elk Mills	1	161	3	10-Nov	Under Construction	Reliability
TVA	MS	361496	Severcorr 2	360036	West Point	1	161	20.28	12-Jun	Planned	Reliability
TVA	MS	361496	Severcorr 2	360689	Clay	1	161	20.39	12-Jun	Planned	Reliability
TVA	GA	361504	West Ringgold	361514	West Ringgold	2	230/115	N/A	11-Jun	Under Construction	Reliability
TVA	TN	361516	Wheeler Mountain	360427	Spring City	1	161	21.04	11-Jun	Under Construction	Reliability
TVA	MS	361529	Starkville SS	360036	West Point	1	161	14.19	12-Jun	Planned	Reliability
TVA	MS	361529	Starkville SS	360689	Clay	1	161	12.9	12-Jun	Planned	Reliability
TVA	MS	361529	Starkville SS	361610	Starkville Tap	1	161	1	13-Jun	Planned	Reliability
TVA	TN	361542	Windrock	360445	Braytown	1	161	3.04	11-Jun	Under Construction	Reliability
TVA	MS	361589	Northwest Louisville	360239	Louisville	1	161	20.32	15-Jun	Planned	Reliability
TVA	TN	361593	Spring Hill	360531	Kedron Road	1	161	0.54	10-Nov	Under Construction	Reliability
TVA	TN	361594	Lexington	361319	West Lexington	1	161	0.75	14-Jun	Planned	Reliability
TVA	KY	361603	East Glasgow Tap	361113	Glasgow Tap	1	161	5.94	10-Nov	Under Construction	Reliability
TVA	MS	361607	Southwest Bruce Tap	360230	Coffeeville	1	161	18.67	12-Jun	Planned	Reliability
TVA	MS	361610	Starkville Tap	360233	Starkville Tap	1	161	2	13-Jun	Planned	Reliability
TVA	TN	361613	White House Tap	361192	Bethel Road	1	161	4.7	10-Nov	Under Construction	Reliability
TVA	MS	361615	Waterway Drive Tap	360225	Amory	1	161	1.7	11-Jun	Under Construction	Reliability
TVA	TN	361618	Kelsey Road	361619	Byrdstown	1	161	15	11-Nov	Planned	Reliability
TVA	TN	361618	Kelsey Road	360450	Huntsville (TN)	1	161	36.66	11-Nov	Planned	Reliability
TVA	MS	361620	Caldwell Road	360234	Lowndes	1	161	0.12	10-Nov	Under Construction	Reliability
TVA	MS	361624	Black Warrior Tap	361649	New Hamilton	1	161	1.6	11-Jun	Under Construction	Reliability
TVA	TN	361626	Kingston Tap	361214	Loudon	1	161	14.1	10-Nov	Under Construction	Reliability
TVA	TN	361628	Macon Tap (TN)	361269	Canadaville	1	161	6.59	13-Jun	Planned	Reliability
TVA	TN	361631	Jena	361638	Niles Ferry	1	161	5.6	11-Nov	Planned	Reliability
TVA	GA	361633	Cloudland Canyon	361503	Kensington	1	230	6.93	10-Nov	Under Construction	Reliability
TVA	KY	361634	East Simpson Tap	361570	Mitchellville Tap	1	161	5.65	11-Jun	Under Construction	Reliability
TVA	TN	361636	Chicago Bridge & Iron	361036	Tennol	1	161	5.35	10-Nov	Under Construction	Reliability
TVA	AL	361637	County Line Road	360273	Jetport	1	161	2.4	10-Nov	Under Construction	Reliability
TVA	TN	361640	Morris Tap	361457	McKellar	1	161	1	11-Jun	Under Construction	Reliability



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TVA	AL	361645	Rainsville Industrial Park Tap	361472	Section	1	161	10.03	11-Jun	Under Construction	Reliability	
TVA	TN	361647	Burlison Tap	361338	Brighton Tap	1	161	5.17	12-Jun	Planned	Reliability	
TVA	MS	361649	New Hamilton	361125	Hamilton (MS)	1	161	0.2	11-Jun	Under Construction	Reliability	
TVA	AL	361650	Byrd Springs	361313	Redstone Tap 2	1	161	0.76	11-Nov	Planned	Reliability	
TVA	TN	361651	Gateway	361375	Blackman Tap	1	161	4	11-Jun	Under Construction	Reliability	
TVA	TN	361652	Poland Creek Tap	360096	Alcoa SS	1	161	5.28	14-Nov	Planned	Reliability	
TVA	TN	361654	West Creek	361443	Screaming Eagles Tap	1	161	5	10-Nov	Under Construction	Reliability	
TVA	TN	361655	Rockvale	360386	East Murfreesboro	1	161	21.72	11-Nov	Planned	Reliability	
TVA	TN	361656	Gibbs Lane	361274	Saint Bethlehem Tap	1	161	1.96	11-Jun	Under Construction	Reliability	
MLGW	TN	365573	Bolen Huse (MLGW)	365591	Northeast Gate (MLGW)	1	161	9.77	15-Jun	Planned	Reliability	
MLGW	TN	365577	North Primary (MLGW)	365576	Poplar Avenue (MLGW)	1	161	9.78	13-Jun	Planned	Reliability	
MLGW	TN	365577	North Primary (MLGW)	365595	University (MLGW)	1	161	4.11	13-Jun	Planned	Reliability	
MLGW	TN	365591	Northeast Gate (MLGW)	365593	Chelsea (MLGW)	1	161	4.19	13-Jun	Planned	Reliability	
TVA	TN	365600	Fite Road	365511	Fite Road	1	161/115	N/A	13-Jun	Planned	Reliability	
MLGW	TN	365826	Collierville Gate (MLGW)	365913	South Collierville (MLGW)	1	161	5.6	13-Jun	Planned	Reliability	
MLGW	TN	365913	South Collierville (MLGW)	365827	Shelton Road (MLGW)	1	161	5.6	13-Jun	Planned	Reliability	
TVA	KY	366005	Grahamville	360496	C-33 (DOE)	1	161	0	12-Jun	Planned	Reliability	



Appendix C: Generation Included in Roll-Up Model

PA	State	Unit Name	Unit ID	PSSE Bus #	Installed Capacity (MW)	Dispatched Amount (MW)	Fuel Type	Generation Technology	Existing / Under Construction / Planned / Conceptual	In-Service Year (if not existing)	Meeting RPS Req.?	Notes
APGI	NC	Badin	F	339001	31.0	0.0	hydro	steam	existing		no	
APGI	NC	Badin	N	339001	96.0	6.0	hydro	steam	existing		no	
APGI	NC	High Rock	1	339003	33.0	0.0	hydro	steam	existing		no	
APGI	NC	Tuckertown	1	339005	42.0	0.0	hydro	steam	existing		no	
Duke Carolinas	SC	CATAWBA1 22.000	1	306003	1160	1160	Nuclear		Existing		No	
Duke Carolinas	SC	CATAWBA2 22.000	2	306004	1160	1160	Nuclear		Existing		No	
Duke Carolinas	NC	MCGUIRE1 24.000	1	306001	1145	1145	Nuclear		Existing		No	
Duke Carolinas	NC	MCGUIRE2 24.000	2	306002	1145	1145	Nuclear		Existing		No	
Duke Carolinas	SC	OCONEE1 19.000	1	306005	863	863	Nuclear		Existing		No	
Duke Carolinas	SC	OCONEE2 19.000	2	306006	863	863	Nuclear		Existing		No	
Duke Carolinas	SC	OCONEE3 19.000	3	306007	863	863	Nuclear		Existing		No	
Duke Carolinas	SC	CLFSDGEN 27.000	6	306460	825	825	Coal		Existing	2012	No	
Duke Carolinas	NC	MARSHAL4 24.000	4	306013	708	708	Coal		Existing		No	
Duke Carolinas	NC	MARSHAL3 24.000	3	306012	694	694	Coal		Existing		No	
Duke Carolinas	NC	BELEWS1 18.000	1	306008	682	682	Coal		Existing		No	
Duke Carolinas	NC	BELEWS2 18.000	2	306009	682	682	Coal		Existing		No	
Duke Carolinas	SC	CLIFSID5 24.000	5	306028	566	566	Coal		Existing		No	
Duke Carolinas	NC	BELEWS1 18.000	L	306008	455	455	Coal		Existing		No	
Duke Carolinas	NC	BELEWS2 18.000	L	306009	455	455	Coal		Existing		No	
Duke Carolinas	SC	BADCRK12 19.000	1	306059	350	350	Pumped Storage Hydro		Existing		No	
Duke Carolinas	SC	BADCRK12 19.000	2	306059	350	350	Pumped Storage Hydro		Existing		No	



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Duke Carolinas	SC	BADCRK34	19.000	3	306060	350	350	Pumped Storage Hydro		Existing		No
Duke Carolinas	SC	BADCRK34	19.000	4	306060	350	350	Pumped Storage Hydro		Existing		No
Duke Carolinas	SC	JOCASSE1	14.400	1	306061	195	195	Pumped Storage Hydro		Existing		No
Duke Carolinas	SC	JOCASSE2	14.400	2	306062	195	195	Pumped Storage Hydro		Existing		No
Duke Carolinas	SC	JOCASSE3	14.400	3	306063	195	195	Pumped Storage Hydro		Existing		No
Duke Carolinas	SC	JOCASSE4	14.400	4	306064	195	195	Pumped Storage Hydro		Existing		No
Duke Carolinas	SC	CLEVELAND1	18.000	1	306578	179	179	Gas	Gas CT	Existing	2012	No
Duke Carolinas	SC	CLEVELAND2	18.000	2	306579	179	179	Gas	Gas CT	Existing	2012	No
Duke Carolinas	SC	CLEVELAND3	18.000	3	306580	179	179	Gas	Gas CT	Existing	2012	No
Duke Carolinas	SC	CLEVELAND4	18.000	4	306581	179	0	Gas	Gas CT	Existing	2012	No
Duke Carolinas	NC	MARSHAL2	20.000	2	306011	179	179	Coal		Existing		No
Duke Carolinas	NC	MARSHAL2	20.000	L	306011	179	179	Coal		Existing		No
Duke Carolinas	NC	BUCKG1	18.000	1	306565	179	179	Gas	Combined Cycle	Existing	2011	No
Duke Carolinas	NC	BUCKG2	18.000	2	306566	179	179	Gas	Combined Cycle	Existing	2011	No
Duke Carolinas	NC	BUCKS1	18.000	3	306567	263	263	Gas	Combined Cycle	Existing	2011	No
Duke Carolinas	NC	DNRVRG1	18.000	1	306570	179	179	Gas	Combined Cycle	Existing	2012	No
Duke Carolinas	NC	DNRVRG2	18.000	2	306571	179	179	Gas	Combined Cycle	Existing	2012	No
Duke Carolinas	NC	DNRVRS1	18.000	3	306572	263	263	Gas	Combined Cycle	Existing	2012	No
Duke Carolinas	NC	MARSHAL1	20.000	1	306010	178	178	Coal		Existing		No
Duke Carolinas	NC	MARSHAL1	20.000	L	306010	178	178	Coal		Existing		No
Duke Carolinas	SC	BRECG1	18.000	1	306540	175	175	Gas	Gas CT	Existing		No
Duke Carolinas	SC	BRECG2	18.000	2	306541	175	175	Gas	Gas CT	Existing		No
Duke Carolinas	SC	BRECG3	18.000	3	306542	175	175	Gas	Gas CT	Existing		No
Duke Carolinas	SC	BRECG4	18.000	4	306547	175	175	Gas	Gas CT	Existing		No
Duke Carolinas	SC	BRECG5	18.000	5	306548	175	175	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ALLEN 1	18.000	1	306014	174	94	Coal		Existing		No
Duke Carolinas	SC	LEE 3	18.000	3	306035	172	0	Coal		Existing		No



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Duke Carolinas	NC	ALLEN 2	18.000	2	306015	172	95	Coal		Existing		No
Duke Carolinas	NC	ROCKHMG1	18.000	1	306435	165	165	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ROCKHMG2	18.000	2	306436	165	165	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ROCKHMG3	18.000	1	306437	165	165	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ROCKHMG4	18.000	2	306438	165	165	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ROCKHMG5	18.000	3	306439	165	165	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ALLEN 5	16.000	5	306018	159	133	Coal		Existing		No
Duke Carolinas	NC	ROWANC4	18.000	4	306484	157	157	Gas	Combined Cycle	Existing		No
Duke Carolinas	NC	ROWANC5	18.000	5	306485	157	157	Gas	Combined Cycle	Existing		No
Duke Carolinas	NC	ROWANS1	18.000	6	306486	169	169	Gas	Combined Cycle	Existing		No
Duke Carolinas	NC	ROWANC1	18.000	1	306481	154	154	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ROWANC2	18.000	2	306482	154	154	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ROWANC3	18.000	3	306483	154	154	Gas	Gas CT	Existing		No
Duke Carolinas	NC	ALLEN 4	16.000	4	306017	153	147	Coal		Existing		No
Duke Carolinas	NC	ALLEN 3	16.000	3	306016	149	135	Coal		Existing		No
Duke Carolinas	NC	ALLEN 4	16.000	L	306017	134	129	Coal		Existing		No
Duke Carolinas	NC	ALLEN 5	16.000	L	306018	131	109	Coal		Existing		No
Duke Carolinas	NC	BUCK 6	18.000	6	306022	130	0	Coal		Existing		No
Duke Carolinas	NC	BUCK 5	18.000	5	306021	129	0	Coal		Existing		No
Duke Carolinas	NC	ALLEN 3	16.000	L	306016	122	111	Coal		Existing		No
Duke Carolinas	SC	LEE 2	13.800	2	306034	102	0	Coal		Existing		No
Duke Carolinas	SC	LEE 1	13.800	1	306033	97	0	Coal		Existing		No
Duke Carolinas	NC	COWANS1	13.800	1	306096	81	59	Hydro		Existing		No
Duke Carolinas	NC	COWANS2	13.800	2	306097	81	81	Hydro		Existing		No
Duke Carolinas	NC	COWANS3	13.800	3	306098	81	81	Hydro		Existing		No
Duke Carolinas	NC	COWANS4	13.800	4	306099	81	81	Hydro		Existing		No
Duke Carolinas	SC	KEOWEE	13.800	1	306065	80	80	Hydro		Existing		No
Duke Carolinas	SC	KEOWEE2	13.800	2	306591	80	80	Hydro		Existing		No



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Duke Carolinas	NC	LINCLN1	13.800	1	306042	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN2	13.800	2	306043	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN3	13.800	3	306044	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN4	13.800	4	306045	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN5	13.800	5	306046	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN6	13.800	6	306047	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN7	13.800	7	306048	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN8	13.800	8	306049	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN9	13.800	9	306050	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN10	13.800	A	306051	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN11	13.800	B	306052	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN12	13.800	C	306053	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN13	13.800	D	306054	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN14	13.800	E	306055	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN15	13.800	F	306056	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	NC	LINCLN16	13.800	G	306057	79	79	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG1	13.800	1	306445	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG2	13.800	2	306446	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG3	13.800	3	306447	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG4	13.800	4	306448	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG5	13.800	5	306449	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG6	13.800	6	306450	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG7	13.800	7	306451	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	MILLCKG8	13.800	8	306452	76	76	Gas	Gas CT	Existing		No
Duke Carolinas	SC	CHEROKEG	13.800	1	306108	55	55	Gas	Combined Cycle	Existing		No
Duke Carolinas	NC	1NANTAHA	13.200	1	306175	51	51	Hydro		Existing		No
Duke Carolinas	SC	LEE CT7	13.800	7	306036	43	43	Gas	Gas CT	Existing		No
Duke Carolinas	SC	LEE CT8	13.800	8	306462	43	43	Gas	Gas CT	Existing		No
Duke Carolinas	SC	CHEROKES	13.800	1	306109	37	37	Gas	Combined Cycle	Existing		No



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Duke Carolinas	NC	1THORPE	6.6000	1	306176	22	22	Hydro		Existing		No
Duke Carolinas	NC	OXFORD	7.2000	1	306072	20	20	Hydro		Existing		No
Duke Carolinas	NC	OXFORD	7.2000	2	306072	20	20	Hydro		Existing		No
Duke Carolinas	SC	1WYLIE H	6.6000	1	306083	18	18	Hydro		Existing		No
Duke Carolinas	SC	1WYLIE H	6.6000	2	306083	18	18	Hydro		Existing		No
Duke Carolinas	SC	1WYLIE H	6.6000	3	306083	18	18	Hydro		Existing		No
Duke Carolinas	SC	1WYLIE H	6.6000	4	306083	18	18	Hydro		Existing		No
Duke Carolinas	SC	WATEREE	6.6000	1	306073	17	17	Hydro		Existing		No
Duke Carolinas	SC	WATEREE	6.6000	2	306073	17	17	Hydro		Existing		No
Duke Carolinas	SC	WATEREE	6.6000	3	306073	17	17	Hydro		Existing		No
Duke Carolinas	SC	WATEREE	6.6000	4	306073	17	17	Hydro		Existing		No
Duke Carolinas	SC	WATEREE	6.6000	5	306073	17	17	Hydro		Existing		No
Duke Carolinas	NC	1MT ISLE	6.6000	3	306077	17	17	Hydro		Existing		No
Duke Carolinas	NC	1MT ISLE	6.6000	4	306077	17	17	Hydro		Existing		No
Duke Carolinas	NC	BRIDGEW	6.6000	1	306066	16	16	Hydro		Existing		No
Duke Carolinas	NC	BRIDGEW2	6.6000	2	306594	16	16	Hydro		Existing		No
Duke Carolinas	SC	CEDAR CK	6.6000	2	306067	15	15	Hydro		Existing		No
Duke Carolinas	SC	CEDAR CK	6.6000	3	306067	15	15	Hydro		Existing		No
Duke Carolinas	SC	1NINETY9	2.2000	1	306078	15	15	Hydro		Existing		No
Duke Carolinas	SC	DEARB1	6.6000	1	306068	14	14	Hydro		Existing		No
Duke Carolinas	SC	DEARB23	6.6000	2	306069	14	14	Hydro		Existing		No
Duke Carolinas	SC	DEARB23	6.6000	3	306069	14	14	Hydro		Existing		No
Duke Carolinas	NC	1MT ISLE	6.6000	1	306077	14	14	Hydro		Existing		No
Duke Carolinas	NC	1MT ISLE	6.6000	2	306077	14	14	Hydro		Existing		No
Duke Carolinas	SC	CEDAR CK	6.6000	1	306067	13	13	Hydro		Existing		No
Duke Carolinas	SC	FISHNG C	6.6000	1	306070	11	11	Hydro		Existing		No
Duke Carolinas	SC	FISHNG C2	6.6000	4	306593	11	11	Hydro		Existing		No
Duke Carolinas	NC	1RHODHIS	7.2000	2	306079	11	11	Hydro		Existing		No
Duke Carolinas	NC	1TENNCRK	4.1600	1	306179	11	11	Hydro		Existing		No



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Duke Carolinas	SC	FISHNG C	6.6000	2	306070	10	10	Hydro		Existing		No
Duke Carolinas	SC	FISHNG C2	6.6000	3	306593	10	10	Hydro		Existing		No
Duke Carolinas	NC	LOOKOUT	7.2000	1	306071	9	9	Hydro		Existing		No
Duke Carolinas	NC	LOOKOUT	7.2000	2	306071	9	9	Hydro		Existing		No
Duke Carolinas	NC	LOOKOUT	7.2000	3	306071	9	9	Hydro		Existing		No
Duke Carolinas	NC	1RHODHIS	7.2000	1	306079	9	9	Hydro		Existing		No
Duke Carolinas	NC	1RHODHIS	7.2000	3	306079	9	9	Hydro		Existing		No
Duke Carolinas	NC	1BEARCRK	4.1600	1	306186	9	9	Hydro		Existing		No
Duke Carolinas	SC	FISHNG C2	6.6000	5	306593	8	8	Hydro		Existing		No
Duke Carolinas	NC	1CEDARCL	6.6000	1	306187	6	6	Hydro		Existing		No
Duke Carolinas	SC	1ROCKYCR	2.3000	5	306080	5	0	Hydro		Existing		No
Duke Carolinas	SC	1ROCKYCR	2.3000	6	306080	5	0	Hydro		Existing		No
Duke Carolinas	SC	1GAST HY	2.4000	1	306075	5	5	Hydro		Existing		No
Duke Carolinas	SC	1BUZZHYD	4.1600	1	306074	4	4	Hydro		Existing		No
Duke Carolinas	SC	1BUZZHYD	4.1600	2	306074	4	4	Hydro		Existing		No
Duke Carolinas	SC	1BUZZHYD	4.1600	3	306074	4	4	Hydro		Existing		No
Duke Carolinas	NC	1TUX HYD	6.6000	1	306082	3	3	Hydro		Existing		No
Duke Carolinas	NC	1TUX HYD	6.6000	2	306082	3	3	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	1	306076	3	3	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	2	306076	3	3	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	3	306076	3	0	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	4	306076	3	0	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	5	306076	3	3	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	6	306076	3	3	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	7	306076	3	0	Hydro		Existing		No
Duke Carolinas	SC	1GTFALLS	2.4000	8	306076	3	0	Hydro		Existing		No
Duke Carolinas	NC	1THORPE	6.6000	2	306176	3	3	Hydro		Existing		No
Duke Carolinas	SC	1ROCKYCR	2.3000	1	306080	3	0	Hydro		Existing		No
Duke Carolinas	SC	1ROCKYCR	2.3000	2	306080	3	0	Hydro		Existing		No



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Duke Carolinas	SC	1ROCKYCR 2.3000	3	306080	3	0	Hydro		Existing	No
Duke Carolinas	SC	1ROCKYCR 2.3000	4	306080	3	0	Hydro		Existing	No
Duke Carolinas	SC	1ROCKYCR 2.3000	7	306080	3	0	Hydro		Existing	No
Duke Carolinas	SC	1ROCKYCR 2.3000	8	306080	3	3	Hydro		Existing	No
Duke Carolinas	NC	1TURN HY 2.4000	1	306081	2	2	Hydro		Existing	No
Duke Carolinas	NC	1TURN HY 2.4000	2	306081	2	2	Hydro		Existing	No
Duke Carolinas	NC	1QUEENCK 13.200	1	306178	1	1	Hydro		Existing	No
EEI	IL	JOPPA #1	1	33481	181.0	167.0	Coal		Existing	
EEI	IL	JOPPA #2	2	33482	181.0	167.0	Coal		Existing	
EEI	IL	JOPPA #3	3	33483	181.0	167.0	Coal		Existing	
EEI	IL	JOPPA #4	4	33484	181.0	167.0	Coal		Existing	
EEI	IL	JOPPA #5	5	33485	181.0	167.0	Coal		Existing	
EEI	IL	JOPPA #6	6	33486	181.0	167.0	Coal		Existing	
Entergy	Arkansas	Arkansas Nuclear One Unit 1	1	337910	937.0	888.0	Nuclear	Nuclear	Existing	No
Entergy	Arkansas	Arkansas Nuclear One Unit 2	1	337911	1073.0	1059.0	Nuclear	Nuclear	Existing	No
Entergy	Arkansas	Bailey	1	338513	122.0	122.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Carpenter Unit 1	1	337719	29.0	29.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Carpenter Unit 2	1	337720	30.0	30.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Catherine Unit 1	1	337691	52.0	10.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Catherine Unit 2	1	337688	51.0	10.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Catherine Unit 3	1	337689	106.0	20.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Catherine Unit 4	1	337692	547.0	547.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Couch Unit 1	1	337503	30.0	12.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Couch Unit 2	1	337504	131.0	91.6	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Degray Unit 1	1	337666	46.0	46.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Degray Unit 2	1	337667	32.0	32.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Duke Hot Springs Gas Turbine 1	1	337758	162.6	0.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Duke Hot Springs Gas Turbine 2	1	337759	162.6	0.0	Fossil	CC-GAS	Existing	No



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Entergy	Arkansas	Duke Hot Springs Gas Turbine 3	1	337761	162.6	0.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Duke Hot Springs Gas Turbine 4	1	337762	162.6	0.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Duke Hot Springs Steam Turbine 1	1	337757	317.0	0.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Duke Hot Springs Steam Turbine 2	1	337760	317.0	0.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Independence SES Unit 1	1	338143	836.0	836.0	Fossil	Steam - Coal	Existing	No
Entergy	Arkansas	Independence SES Unit 2	1	338146	842.0	842.0	Fossil	Steam - Coal	Existing	No
Entergy	Arkansas	Knwrightsville	1	338507	48.5	48.5	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	2	338507	48.5	48.5	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	1	338508	48.5	48.5	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	2	338508	48.5	48.5	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	1	338509	48.5	48.5	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	2	338509	48.5	48.5	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	1	338510	105.0	105.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	1	338511	105.0	52.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Knwrightsville	1	338512	80.0	0.0	Fossil	CC-GAS	Existing	No
Entergy	Arkansas	Lock and Dam	1	338501	34.0	30.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Lock and Dam	1	338502	34.0	5.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Lock and Dam	1	338503	34.0	0.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Lock and Dam	1	338504	10.0	10.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Lock and Dam	1	338505	10.0	7.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Lock and Dam	1	338506	10.0	0.0	Hydro	HYDRO	Existing	No
Entergy	Arkansas	Lynch Unit 2	1	337953	80.0	53.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Lynch Unit 3	1	337954	130.0	130.0	Fossil	Steam - Gas	Existing	No
Entergy	Arkansas	Mabelvale UA	1	337805	18.0	18.0	Fossil	CT - Gas	Existing	No
Entergy	Arkansas	Mabelvale UB	1	337806	18.0	18.0	Fossil	CT - Gas	Existing	No
Entergy	Arkansas	Mabelvale UC	1	337807	18.0	16.0	Fossil	CT - Gas	Existing	No
Entergy	Arkansas	Mabelvale UD	1	337809	18.0	16.0	Fossil	CT - Gas	Existing	No
Entergy	Arkansas	Mclellan Unit	1	338500	136.0	134.0	Fossil	Steam - Gas	Existing	No



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Entergy	Arkansas	Moses SES Unit 1	1	338024	72.0	72.0	Fossil	Steam - Gas	Existing		No
Entergy	Arkansas	Moses SES Unit 2	1	338026	72.0	72.0	Fossil	Steam - Gas	Existing		No
Entergy	Arkansas	Plum point Unit 1	1	338388	735.0	729.1	Fossil	Steam - Coal	Existing		No
Entergy	Arkansas	Plum point Unit 2	1	338389	735.0	200.0	Fossil	Steam - Coal	Planned	2012	No
Entergy	Arkansas	Rommel	1	337694	11.0	11.0	Hydro	HYDRO	Existing		No
Entergy	Arkansas	Ritchie SES Unit 1	1	337999	356.0	351.0	Fossil	Steam - Gas	Existing		No
Entergy	Arkansas	Ritchie SES Unit 2	1	338000	544.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Arkansas	Sky Unit 1	1	337631	180.0	0.0	Fossil	CC - Gas	Existing		No
Entergy	Arkansas	Sky Unit 2	1	337632	50.0	0.0	Fossil	CC - Gas	Existing		No
Entergy	Arkansas	Tractable Combustion Turbine Unit 1	1	337764	262.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Arkansas	Tractable Combustion Turbine Unit 2	1	337765	262.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Arkansas	Tractable Steam Turbine Unit	1	337766	276.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Arkansas	White Bluff Unit 1	1	337652	815.0	815.0	Fossil	Steam - Coal	Existing		No
Entergy	Arkansas	White Bluff Unit 2	1	337653	844.0	763.8	Fossil	Steam - Coal	Existing		No
Entergy	Louisiana	Calpine Bogalusa Gas Turbine 1	1	336133	175.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Calpine Bogalusa Gas Turbine 2	1	336134	175.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Calpine Bogalusa Steam Turbine	1	336135	255.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Carville Combustion Turbine 1	1	335570	187.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Carville Combustion Turbine 2	1	335571	187.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Carville Steam Turbine	1	335572	181.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	DOW AEP Unit 2	1	335542	177.0	0.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW AEP Unit 3	1	335543	177.0	0.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW AEP Unit 4	1	335544	177.0	0.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW AEP Unit 5	1	335545	200.0	100.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW AEP Unit1	1	335541	177.0	0.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW Cogen Unit 1	1	335546	50.0	50.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW Cogen Unit 2	2	335546	75.0	75.0	Fossil	CT - Gas	Existing		No



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Entergy	Louisiana	DOW Cogen Unit 3	3	335546	82.0	82.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW Cogen Unit 4	4	335546	72.0	72.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW Cogen Unit 5	5	335546	72.0	72.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW Cogen Unit 6	6	335546	72.0	49.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW Cogen Unit 7	7	335546	119.0	119.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	DOW Cogen Unit 8	8	335546	119.0	119.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	Dynegy Unit 1	1	335075	175.0	154.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	Dynegy Unit 2	1	335076	175.0	161.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	Enco	1	335640	77.0	53.9	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Exxon Unit 4	1	335644	150.0	67.6	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	Exxon Unit 5	1	335647	88.0	32.8	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	Formosa	1	335638	35.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Little Gypsy Unit 1	1	336221	250.0	250.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Little Gypsy Unit 2	1	336222	415.0	415.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Little Gypsy Unit 3	1	336191	545.0	545.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Louisiana Station Unit	1	335680	40.0	0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Louisiana Station Unit	1	335681	40.0	0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Louisiana Station Unit	1	336582	60.0	0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	LSU Cogen	1	335696	20.0	17.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Michoud Unit 1	1	336460	100.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Michoud Unit 2	1	336446	240.0	240.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Michoud Unit 3	1	336464	540.0	540.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Monroe Unit 10	1	337398	23.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Monroe Unit 11	1	337399	41.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Monroe Unit 12	1	337400	74.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Murray Hydro 1	1	337323	40.0	40.0	Hydro	HYDRO	Existing		No
Entergy	Louisiana	Murray Hydro 2	1	337324	40.0	40.0	Hydro	HYDRO	Existing		No
Entergy	Louisiana	Murray Hydro 3	1	337325	40.0	40.0	Hydro	HYDRO	Existing		No
Entergy	Louisiana	Murray Hydro 4	1	337326	40.0	22.0	Hydro	HYDRO	Existing		No



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Entergy	Louisiana	Nelson Unit 1	1	335201	110.0	108.0	Fossil	Steam - Coal	Existing		No
Entergy	Louisiana	Nelson Unit 2	1	335202	106.0	106.0	Fossil	Steam - Coal	Existing		No
Entergy	Louisiana	Nelson Unit 3	1	335203	153.0	153.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Nelson Unit 4	1	335204	500.0	500.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Nelson Unit 6	1	335206	550.0	550.0	Fossil	Steam - Coal	Existing		No
Entergy	Louisiana	Ninemile Unit 1	1	336281	65.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Ninemile Unit 2	1	336282	85.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Ninemile Unit 3	1	336283	128.0	128.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Ninemile Unit 4	1	336251	730.0	730.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Ninemile Unit 5	1	336252	750.0	750.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Ouachita Gas Turbine 1	1	337421	164.0	164.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Ouachita Gas Turbine 2	1	337423	164.0	164.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Ouachita Gas Turbine 3	1	337425	164.0	164.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Ouachita Steam Turbine 1	1	337422	103.0	103.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Ouachita Steam Turbine 2	1	337424	103.0	103.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Ouachita Steam Turbine 3	1	337426	103.0	103.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Oxy Taft Gas Turbine Unit 1	1	336167	170.0	170.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Oxy Taft Gas Turbine Unit 2	1	336168	170.0	170.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Oxy Taft Gas Turbine Unit 3	1	336169	170.0	170.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Oxy Taft Steam Turbine Unit	1	336170	325.0	310.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Patterson Unit 3	1	336413	56.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Patterson Unit 4	1	336414	98.0	0.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Perryville Combustion Turbine 1	1	337428	185.0	185.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Perryville Combustion Turbine 2	1	337429	180.0	185.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	Perryville Combustion Turbine 3	1	337430	185.0	185.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	Perryville Steam Turbine	1	337432	180.0	180.0	Fossil	CC - Gas	Existing		No
Entergy	Louisiana	River Bend	1	335831	1080.0	1060.0	Nuclear	Nuclear	Existing		No



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Entergy	Louisiana	RS Cogen Unit 4	4	335177	80.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	RS Cogen Unit 5	5	335178	185.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	RS Cogen Unit 6	6	335179	185.0	0.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Shell Unit 1	1	335577	45.0	17.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Shell Unit 2	1	335578	45.0	17.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Sterlington Unit 6	1	337416	225.0	225.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Sterlington Unit 7A	1	337417	51.0	51.0	Fossil	CC - Dual Fuel	Existing		No
Entergy	Louisiana	Sterlington Unit 7B	1	337418	51.0	51.0	Fossil	CC - Dual Fuel	Existing		No
Entergy	Louisiana	Sterlington Unit 7C	1	337419	101.0	85.0	Fossil	CC - Dual Fuel	Existing		No
Entergy	Louisiana	Union Carbide Gas Turbine Unit 1	1	336176	125.8	77.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Union Carbide Gas Turbine Unit 2	1	336177	125.8	77.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Union Carbide Steam Turbine Unit 1	1	336178	22.4	14.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Union Carbide Steam Turbine Unit 2	1	336179	50.5	32.0	Fossil	CC-GAS	Existing		No
Entergy	Louisiana	Waterford Unit 1	1	336151	411.0	411.0	Fossil	Steam - Dual Fuel	Existing		No
Entergy	Louisiana	Waterford Unit 2	1	336152	411.0	411.0	Fossil	Steam - Dual Fuel	Existing		No
Entergy	Louisiana	Waterford Unit 3	1	336153	1214.0	1214.0	Nuclear	Nuclear	Existing		No
Entergy	Louisiana	Waterford Unit 4	1	336156	41.0	0.0	Fossil	CT - Gas	Existing		No
Entergy	Louisiana	Willow Glen Unit 1	1	335611	160.0	160.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Willow Glen Unit 2	1	335612	220.0	220.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Willow Glen Unit 3	1	335613	537.0	537.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Willow Glen Unit 4	1	335614	568.0	274.0	Fossil	Steam - Gas	Existing		No
Entergy	Louisiana	Willow Glen Unit 5	1	335615	550.0	0	Fossil	Steam - Gas	Existing		No
Entergy	Mississippi	Attala CT 1	1	337006	176.6	176.6	Fossil	CC-Gas	Existing		No
Entergy	Mississippi	Attala CT 2	1	337007	176.6	176.6	Fossil	CC-Gas	Existing		No
Entergy	Mississippi	Attala ST	1	337008	198.0	172.8	Fossil	CC-Gas	Existing		No
Entergy	Mississippi	Baxter Wilson Unit 1	1	336801	550.0	500.0	Fossil	Steam - Dual Fuel	Existing		No
Entergy	Mississippi	Baxter Wilson Unit 2	1	336831	771.0	642.0	Fossil	Steam - Dual	Existing		No



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	i							Fuel				
Entergy	Mississippi	Clarksdale Municipal	1	337098	45.0	35.5	Fossil	Steam - Gas	Existing		No	
Entergy	Mississippi	Crossroads IPP Unit 1	1	337102	75.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Crossroads IPP Unit 2	1	337103	75.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Crossroads IPP Unit 3	1	337105	75.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Crossroads IPP Unit 4	1	337106	75.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Delta Unit 1	1	337083	99.0	87.0	Fossil	Steam - Duel Fuel	Existing		No	
Entergy	Mississippi	Delta Unit 2	1	337084	99.0	82.6	Fossil	Steam - Duel Fuel	Existing		No	
Entergy	Mississippi	Duke Hinds Gas Turbine Unit 1	1	336851	176.6	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Mississippi	Duke Hinds Gas Turbine Unit 2	1	336853	176.6	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Mississippi	Duke Hinds Stean Turbine	1	336854	198.0	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 1	1	337166	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 2	1	337167	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 3	1	337169	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 4	1	337170	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 5	1	337172	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 6	1	337173	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 7	1	337175	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Duke South Haven Gas Turbine 8	1	337176	80.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	Gerald Andrus SES	1	337041	761.0	741.0	Fossil	Steam - Duel Fuel	Existing		No	
Entergy	Mississippi	Grand Gulf 1	1	336821	1338.0	1338.0	Nuclear	Nuclear	Existing		No	
Entergy	Mississippi	LS Power Batesville 1	5	337124	100.0	100.0	Fossil	CT - Gas	Existing		No	
Entergy	Mississippi	LS Power Batesville 2	6	337125	184.5	180.0	Fossil	CT - Gas	Existing		No	



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Entergy	Mississippi	Rex Brown Unit 1	1	336941	36.0	0.0	Fossil	Steam - Gas	Existing		No	
Entergy	Mississippi	Rex Brown Unit 3	1	336943	76.0	65.1	Fossil	Steam - Gas	Existing		No	
Entergy	Mississippi	Rex Brown Unit 4	1	336944	231.0	220.0	Fossil	Steam - Gas	Existing		No	
Entergy	Mississippi	Yazoo City Municipal	1	336978	30.0	17.6	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Bayor Unit 1	1	334738	41.5	0.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Bayor Unit 2	1	334739	41.5	0.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Bayor Unit 3	1	334740	32.0	0.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Conoco Unit 1	1	334456	185.0	0.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Conoco Unit 2	1	334457	185.0	0.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Conoco Unit 3	1	334458	185.3	54.1	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Cotton Wood Gas Turbine 1	1	334374	179.9	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Cotton Wood Gas Turbine 2	1	334376	179.9	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Cotton Wood Steam Turbine 1	1	334375	151.9	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Cotton Wood Steam Turbine 2	1	334377	151.9	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Cypress Unit 1	1	334298	85.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Texas	Cypress Unit 2	1	334299	85.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Texas	Dupont	1	334467	75.0	75.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Exxon Unit 1	1	334392	165.0	140.0	Fossil	CT - Gas	Existing		No	
Entergy	Texas	Exxon Unit 2	1	334393	165.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Texas	Exxon Unit 3	1	334394	165.0	0.0	Fossil	CT - Gas	Existing		No	
Entergy	Texas	Frontier Unit 1	1	334030	165.0	150.0	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Frontier Unit 2	1	334031	165.0	135.0	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Frontier Unit 3	1	334032	165.0	0.0	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Frontier Unit 4	1	334033	310.0	24.4	Fossil	CC-GAS	Existing		No	
Entergy	Texas	Lewis Creek Combustion Turbine 1(CT)	1	334014	211.0	0.0	Fossil	CC-Gas	Conceptual	2019	No	
Entergy	Texas	Lewis Creek CT 2	1	334015	211.0	0.0	Fossil	CC-Gas	Conceptual	2019	No	
Entergy	Texas	Lewis Creek SES 1	1	334070	260.0	230.0	Fossil	Steam - Gas	Existing		No	



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Entergy	Texas	Lewis Creek SES 2	1	334071	260.0	226.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Lewis Creek Steam Turbine (ST)	1	334016	211.0	0.0	Fossil	CC-Gas	Conceptual	2019	No	
Entergy	Texas	Pelican Road Unit 1	1	334232	85.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Texas	Pelican Road Unit 2	1	334233	85.0	75.0	Fossil	CT - Gas	Existing		No	
Entergy	Texas	Rayburn	1	334282	52.0	52.0	Hydro	HYDRO	Existing		No	
Entergy	Texas	Sabine Unit 1	1	334431	212.0	206.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Sabine Unit 2	1	334432	212.0	206.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Sabine Unit 3	1	334433	420.0	420.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Sabine Unit 4	1	334440	530.0	484.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Sabine Unit 5	1	334441	470.0	418.0	Fossil	Steam - Gas	Existing		No	
Entergy	Texas	Toledo	1	334335	91.0	69.0	Hydro	HYDRO	Existing		No	
IESO	Ontario	22DEG 13.800	1	158976	150	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	ADELAIDEKRWD13.800	1	160190	60	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	ADELAIDESROY13.800	1	160185	40	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	AGUASABON_GS13.800	1	151728	22.2	16	Water	Hydroelectric	Existing			
IESO	Ontario	AGUASABON_GS13.800	2	151728	22.2	16	Water	Hydroelectric	Existing			
IESO	Ontario	ALEXANDER_GS12.000	1	151729	12.3	11.847	Water	Hydroelectric	Existing			
IESO	Ontario	ALEXANDER_GS12.000	2	151729	12.3	10	Water	Hydroelectric	Existing			
IESO	Ontario	ALEXANDER_GS12.000	3	151729	12.3	10	Water	Hydroelectric	Existing			
IESO	Ontario	ALEXANDER_GS12.000	4	151729	14.6	14.456	Water	Hydroelectric	Existing			
IESO	Ontario	ALEXANDER_GS12.000	5	151729	14.9	10	Water	Hydroelectric	Existing			
IESO	Ontario	ALGOMA_STG3411.500	1	152835	20	18	Water	Hydroelectric	Existing			
IESO	Ontario	ALGOMA_STG3411.500	2	152835	20	18	Water	Hydroelectric	Existing			
IESO	Ontario	ALGOMA_STG5 13.800	1	152880	103	103	Water	Hydroelectric	Existing			
IESO	Ontario	AMARANTHFA110.5750	1	158772	33	0	Wind	Renewable	Existing			
IESO	Ontario	AMARANTHFA120.5750	1	158773	33	0	Wind	Renewable	Existing			
IESO	Ontario	AMARANTHFA130.5750	1	158774	34.5	0	Wind	Renewable	Existing			
IESO	Ontario	AMARANTHFA140.5750	1	158775	22.5	0	Wind	Renewable	Existing			
IESO	Ontario	AMARANTHFA150.5750	1	158776	22.5	0	Wind	Renewable	Existing			



IESO	Ontario	AMARANTHFA160.5750	1	158777	22.5	0	Wind	Renewable	Existing			
IESO	Ontario	AMARANTHFA170.5750	1	158778	31.5	0	Wind	Renewable	Existing			
IESO	Ontario	ANDREWSGS_G112.000	1	152831	9.2	8.74	Water	Hydroelectric	Existing			
IESO	Ontario	ANDREWSGS_G212.000	1	152830	9.2	7.711	Water	Hydroelectric	Planned	2013	Y	
IESO	Ontario	ANDREWSGS_G312.000	1	152829	27.8	7.669	Water	Hydroelectric	Existing			
IESO	Ontario	ARMITAGE_EY 44.000	1	153628	32	18.888	Gas	Fossil	Existing			
IESO	Ontario	ARMOW 13.800	1	158998	80	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	ARNPRIOR_GS113.800	1	155622	38	37.927	Water	Hydroelectric	Existing			
IESO	Ontario	ARNPRIOR_GS213.800	1	155623	38	30	Water	Hydroelectric	Existing			
IESO	Ontario	ARRAN 13.800	1	158977	115	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	ATIKOKAN_TGS18.000	1	151720	227	48.243	Coal	Fossil	Existing			Converts to biomass
IESO	Ontario	AUBRY_FLS_G111.000	1	152743	67.5	65	Water	Hydroelectric	Existing			
IESO	Ontario	AUBRY_FLS_G211.000	1	152744	67.5	65	Water	Hydroelectric	Existing			
IESO	Ontario	AUX_SABLE_GS4.1600	1	152745	4	0	Water	Hydroelectric	Existing			
IESO	Ontario	AVEN_TBAY_G413.800	1	151700	25.2	0	Water	Hydroelectric	Existing			
IESO	Ontario	BAR_CHUT_GS113.200	1	155624	21.5	20.425	Water	Hydroelectric	Existing			
IESO	Ontario	BAR_CHUT_GS213.200	1	155625	20.7	-0.519	Water	Hydroelectric	Existing			
IESO	Ontario	BAR_CHUT_GS313.800	1	155626	61	45	Water	Hydroelectric	Existing			
IESO	Ontario	BAR_CHUT_GS413.800	1	155627	61	45	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS_713.800	1	157684	61.6	0	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS1013.800	1	157660	45.4	0	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS-313.800	1	157654	45.4	43.13	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS-413.800	1	157655	52.7	38.219	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS-513.800	1	157656	52.7	40.159	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS-613.800	1	157657	52.7	50.065	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS-813.800	1	157658	52.7	49.858	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#1_GS-913.800	1	157659	45.4	38.507	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1113.800	1	157662	80.8	76.76	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1113.800	2	157662	80.8	78.453	Water	Hydroelectric	Existing			



IESO	Ontario	BECK_#2_GS1313.800	1	157663	104.5	78.921	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1313.800	2	157663	104.5	79.735	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1513.800	1	157664	80.8	78.629	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1513.800	2	157664	80.8	78.697	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1713.800	1	157665	80.8	78.2	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1713.800	2	157665	80.8	76.76	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1913.800	1	157666	80.8	79.47	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS1913.800	2	157666	80.8	75.861	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS2113.800	1	157667	80.8	78.519	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS2113.800	2	157667	80.8	76.486	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS2313.800	1	157668	79.5	79	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS2313.800	2	157668	79.5	79	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS2513.800	1	157669	79.5	36.9211	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_#2_GS2513.800	2	157669	80.8	13.5745	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_PS_G12314.000	1	157670	19.9	18	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_PS_G12314.000	2	157670	19.9	15	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_PS_G12314.000	3	157670	19.9	18	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_PS_G45614.000	1	157671	20.8	18	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_PS_G45614.000	2	157671	20.8	18	Water	Hydroelectric	Existing			
IESO	Ontario	BECK_PS_G45614.000	3	157671	20.8	18	Water	Hydroelectric	Existing			
IESO	Ontario	BELLERIVER 13.800	1	160193	95	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	BLUEWATERB 13.800	1	158999	125	0	Wind On-Shore	Renewable	Conceptual	2017	Y	
IESO	Ontario	BLUEWATERW 13.800	1	160183	60	0	Wind On-Shore	Renewable	Conceptual	2017	Y	
IESO	Ontario	BLUFFYLAKE 13.800	1	151082	4.2	0	Water	Hydroelectric	Conceptual	2016	Y	
IESO	Ontario	BORNISH 13.800	1	160186	73.5	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	BOWAT_KRAFT 13.800	1	151617	34.2	0	Woodwaste	Biomass	Existing			
IESO	Ontario	BOWAT_TB_L5B4.1600	1	151618	17.1	0	Woodwaste	Biomass	Existing			
IESO	Ontario	BRAMALEA_EZ 44.000	1	156796	51.7	26.018	Gas	Combined cycle	Existing			
IESO	Ontario	BRAMALEA_EZ 44.000	2	156796	32.2	26.018	Gas	Combined cycle	Existing			



IESO	Ontario	BRAMALEA_JQ 44.000	2	156797	51.7	36.623	Gas	Combined cycle	Existing			
IESO	Ontario	BRIGHTON_G1A18.000	3	160725	175	160	Gas	Combined cycle	Existing			
IESO	Ontario	BRIGHTON_G1B18.000	2	160724	175	20	Gas	Combined cycle	Existing			
IESO	Ontario	BRIGHTON_GS118.000	1	160723	225	70	Gas	Combined cycle	Existing			
IESO	Ontario	BROCKVILLE 44.000	1	155664	33	0	Gas	Fossil	Existing			
IESO	Ontario	BRUCE_A_GS-318.500	1	159615	770	731.5	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCE_A_GS-418.500	1	159616	770	731.5	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCE_B_GS-524.000	1	159617	872	770	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCE_B_GS-624.000	1	159618	872	828.4	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCE_B_GS-724.000	1	159619	872	802.55	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCE_B_GS-824.000	1	159620	845	824.24	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCEA_G1 18.500	1	159613	800	700	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCEA_G2 18.500	1	159614	800	800	Uranium	Nuclear	Existing			
IESO	Ontario	BRUCEPEN 13.800	1	158996	125	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	CALM_LK_CGS 6.6000	1	151731	5	0	Water	Hydroelectric	Existing			
IESO	Ontario	CALM_LK_CGS 6.6000	2	151731	5	0	Water	Hydroelectric	Existing			
IESO	Ontario	CALSTOCK 13.800	1	152153	27	0	Water	Hydroelectric	Conceptual	2016	Y	
IESO	Ontario	CALSTOCK_CGS13.800	1	152785	42	30.535	Woodwaste	Biomass	Existing			
IESO	Ontario	CAMER_FLS_1712.000	1	151732	10.4	9.916	Water	Hydroelectric	Existing			
IESO	Ontario	CAMER_FLS_1712.000	2	151732	19	18	Water	Hydroelectric	Existing			
IESO	Ontario	CAMER_FLS_5612.000	1	151734	12.5	12.156	Water	Hydroelectric	Existing			
IESO	Ontario	CAMER_FLS_5612.000	2	151734	12.3	12.038	Water	Hydroelectric	Existing			
IESO	Ontario	CAMER_FLS23412.000	1	151733	10.4	9.817	Water	Hydroelectric	Existing			
IESO	Ontario	CAMER_FLS23412.000	2	151733	9.4	9.221	Water	Hydroelectric	Existing			
IESO	Ontario	CAMER_FLS23412.000	3	151733	12.5	9.75	Water	Hydroelectric	Existing			
IESO	Ontario	CANYON_GS-1 13.800	1	152746	60	0	Water	Hydroelectric	Existing			
IESO	Ontario	CANYON_GS-2 13.800	1	152747	64	60.8	Water	Hydroelectric	Existing			
IESO	Ontario	CANYON_GS-3 13.800	1	152748	70	40	Water	Hydroelectric	Existing			



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IESO	Ontario	CANYON_GS-4513.800	1	152749	60	0	Water	Hydroelectric	Existing			
IESO	Ontario	CANYON_GS-4513.800	2	152749	60	0	Water	Hydroelectric	Existing			
IESO	Ontario	CARD_PWR_GS113.800	1	155733	102	65.065	Gas	Combined cycle	Existing			
IESO	Ontario	CARD_PWR_GS213.800	1	155732	56.5	53.675	Gas	Combined cycle	Existing			
IESO	Ontario	CARIBOU_FLS 13.800	1	151735	25.65	25	Water	Hydroelectric	Existing			
IESO	Ontario	CARIBOU_FLS 13.800	2	151735	25.65	0.837	Water	Hydroelectric	Existing			
IESO	Ontario	CARIBOU_FLS 13.800	3	151735	25.65	18.5	Water	Hydroelectric	Existing			
IESO	Ontario	CARMICH_FLS 4.1600	1	152750	9.3	8.698	Water	Hydroelectric	Existing			
IESO	Ontario	CARMICH_FLS 4.1600	2	152750	9.3	8.698	Water	Hydroelectric	Existing			
IESO	Ontario	CEDARPOINT1 13.800	1	160188	100	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	CEDARPOINT2 13.800	1	160198	50	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	CHAT_FL_GS2313.800	1	155628	22.5	23.445	Water	Hydroelectric	Existing			
IESO	Ontario	CHAT_FL_GS2313.800	2	155628	22.5	22.854	Water	Hydroelectric	Existing			
IESO	Ontario	CHAT_FL_GS4513.800	1	155629	22.5	21.142	Water	Hydroelectric	Existing			
IESO	Ontario	CHAT_FL_GS4513.800	2	155629	22.5	23.013	Water	Hydroelectric	Existing			
IESO	Ontario	CHATSFALLG6713.800	1	155630	22.5	21.608	Water	Hydroelectric	Existing			
IESO	Ontario	CHATSFALLG6713.800	2	155630	22.5	23.302	Water	Hydroelectric	Existing			
IESO	Ontario	CHATSFALLG8913.800	1	155631	22.5	21.948	Water	Hydroelectric	Existing			
IESO	Ontario	CHATSFALLG8913.800	2	155631	22.5	23.34	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS1213.800	1	155632	15	14.25	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS1213.800	2	155632	15	14.25	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS3413.800	1	155633	15	11.989	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS3413.800	2	155633	15	10.544	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS5613.800	1	155634	15	14.25	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS5613.800	2	155634	15	13.908	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS7813.800	1	155635	15	15.483	Water	Hydroelectric	Existing			
IESO	Ontario	CHENAUX_GS7813.800	2	155635	15	14.25	Water	Hydroelectric	Existing			
IESO	Ontario	CHERRYWD_BY 44.000	1	156619	31.8	25	Waste material	Biogas - Methane	Existing			



IESO	Ontario	CHIINODEN 13.800	1	151073	90	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	CLERGUE_G1 4.2000	1	152847	17.2	16.411	Water	Hydroelectric	Existing			
IESO	Ontario	CLERGUE_G2 4.2000	1	152848	17.3	15.229	Water	Hydroelectric	Existing			
IESO	Ontario	CLERGUE_G3 4.2000	1	152849	17.2	16.318	Water	Hydroelectric	Existing			
IESO	Ontario	COCHR_PWRG1213.800	1	152763	14.3	5.929	Woodwaste	Biomass	Existing			
IESO	Ontario	COCHR_PWRG1213.800	2	152763	28.2	5.929	Woodwaste	Biomass	Existing			
IESO	Ontario	COLDWELL 13.800	1	151078	100	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	CONISTON_P1 22.000	1	152609	0.72	0.4	Diesel	Fossil	Existing			
IESO	Ontario	CONISTON_P1 22.000	2	152609	1.12	0.4	Diesel	Fossil	Existing			
IESO	Ontario	CONISTON_P1 22.000	3	152609	1.8	0.4	Diesel	Fossil	Existing			
IESO	Ontario	CRYST_FLS_GS2.3000	1	152751	1.9	1.5	Water	Hydroelectric	Existing			
IESO	Ontario	CRYST_FLS_GS2.3000	2	152751	1.9	1.5	Water	Hydroelectric	Existing			
IESO	Ontario	CRYST_FLS_GS2.3000	3	152751	1.9	1.5	Water	Hydroelectric	Existing			
IESO	Ontario	CRYST_FLS_GS2.3000	4	152751	1.9	1.5	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-113.800	1	153619	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-213.800	1	153620	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-313.800	1	153621	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-413.800	1	153622	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-513.800	1	153623	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-613.800	1	153624	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-713.800	1	153625	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	D_JOACH_GS-813.800	1	153626	49	49	Water	Hydroelectric	Existing			
IESO	Ontario	DARLINGTN_G122.000	1	156661	935.9999	929.539	Uranium	Nuclear	Existing			
IESO	Ontario	DARLINGTN_G222.000	1	156662	935.9999	889.2	Uranium	Nuclear	Existing			
IESO	Ontario	DARLINGTN_G322.000	1	156663	935.9999	889.2	Uranium	Nuclear	Existing			
IESO	Ontario	DARLINGTN_G422.000	1	156664	935.9999	932.6179	Uranium	Nuclear	Existing			
IESO	Ontario	DECEW_#1G4-92.4000	1	157674	4.5	3.244	Water	Hydroelectric	Existing			
IESO	Ontario	DECEW_#1G4-92.4000	2	157674	4.5	3.244	Water	Hydroelectric	Existing			
IESO	Ontario	DECEW_#1G4-92.4000	3	157674	5.7	3.244	Water	Hydroelectric	Existing			



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IESO	Ontario	DECEW_#1G4-92.4000	4	157674	5.7	3.244	Water	Hydroelectric	Existing			
IESO	Ontario	DECEW_#1G4-92.4000	5	157674	5.7	3.244	Water	Hydroelectric	Existing			
IESO	Ontario	DECEW_#1G4-92.4000	6	157674	5.7	3.244	Water	Hydroelectric	Existing			
IESO	Ontario	DECEW_#2_GS113.800	1	157672	74	71.298	Water	Hydroelectric	Existing			
IESO	Ontario	DECEW_#2_GS213.800	1	157673	74	70.71	Water	Hydroelectric	Existing			
IESO	Ontario	DOM_ESPAN_G54.1600	1	152625	6.5	0	Woodwaste	Biomass	Existing			
IESO	Ontario	DOM_ESPANG8913.800	1	152776	7.2	6.206	Woodwaste	Biomass	Existing			
IESO	Ontario	DOM_ESPANG8913.800	2	152776	7.2	6.206	Woodwaste	Biomass	Existing			
IESO	Ontario	DOMTAR_DRYDN13.200	1	151616	37.7	0	Woodwaste	Biomass	Existing			
IESO	Ontario	DOVER 13.800	1	160192	39	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	DOVER 13.800	2	160192	40.5	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	DOW_CHEM_A 14.400	1	160622	30	25	Gas	Fossil	Existing			
IESO	Ontario	DOW_CHEM_A 14.400	2	160622	30	25	Gas	Fossil	Existing			
IESO	Ontario	DOW_CHEM_A 14.400	4	160622	55	50	Gas	Fossil	Existing			
IESO	Ontario	DOW_CHEM_A 14.400	5	160622	80	75	Gas	Fossil	Existing			
IESO	Ontario	EAR_FALLS_GS6.6000	1	151736	4.5	2.993	Water	Hydroelectric	Existing			
IESO	Ontario	EAR_FALLS_GS6.6000	2	151736	4	3.108	Water	Hydroelectric	Existing			
IESO	Ontario	EAR_FALLS_GS6.6000	3	151736	5.4	5.24	Water	Hydroelectric	Existing			
IESO	Ontario	EAR_FALLS_GS6.6000	4	151736	5.4	5.344	Water	Hydroelectric	Existing			
IESO	Ontario	EASTLAKE 13.800	1	160181	99	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	ELKLAKE 13.800	1	152159	200	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	EP_N_BAY_CGS13.800	1	152784	26.5	21.305	Water	Hydroelectric	Existing			
IESO	Ontario	EP_N_BAY_CGS13.800	2	152784	30.8	21.305	Water	Hydroelectric	Existing			
IESO	Ontario	EP_TUNIS_G1213.800	1	152768	52.7	20.106	Gas	Fossil	Existing			
IESO	Ontario	EP_TUNIS_G1213.800	2	152768	19.8	18.81	Gas	Fossil	Existing			
IESO	Ontario	EPC_KAPUSKAS13.800	1	152772	26.5	22.334	Water	Hydroelectric	Existing			
IESO	Ontario	EPC_KAPUSKAS13.800	2	152772	30.8	22.334	Water	Hydroelectric	Existing			
IESO	Ontario	ERIEAU 13.800	1	160182	99	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	EWCC_G1 13.800	1	160749	41.4	0	Gas	Fossil	Existing			



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IESO	Ontario	EWCC_G2 13.800	1	160748	41.4	0	Gas	Fossil	Existing			
IESO	Ontario	FIT_BIG_EDDY13.800	1	160491	5.3	5.3	Water	Hydroelectric	Planned	2011	Y	
IESO	Ontario	FIT_BL_2A 13.800	1	160500	20	20	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_BL_2B 13.800	1	160501	20	20	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_BL_PH1 13.800	1	160488	20	20	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_BOUNDARY13.800	1	160457	3.75	3.75	Water	Hydroelectric	Planned	2011	Y	
IESO	Ontario	FIT_COMBER23220.00	1	160476	82.8	82.8	Wind On-Shore	Renewable	Planned	2010	Y	
IESO	Ontario	FIT_COMBER24220.00	1	160474	82.8	82.8	Wind On-Shore	Renewable	Planned	2010	Y	
IESO	Ontario	FIT_COMBERG113.800	1	160504	82.8	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	FIT_COMBERG213.800	1	160505	82.8	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	FIT_COMBERG313.800	1	160506	82.8	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	FIT_COMBERG413.800	1	160507	82.8	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	FIT_COMBERG513.800	1	160508	82.8	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	FIT_COMBERG613.800	1	160509	82.8	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	FIT_CONESTOG13.800	1	160485	6.9	6.9	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_FARM_OW13.800	1	160496	100	100	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_GITCHIG113.800	1	160481	10	10	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	FIT_GITCHIG213.800	1	160482	8.9	8.9	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	FIT_GOUL_BAY13.800	1	160497	25	25	Wind On-Shore	Renewable	Planned	2012	Y	
IESO	Ontario	FIT_HALF_MIL13.800	1	160494	4.8	4.8	Water	Hydroelectric	Planned	2010	Y	
IESO	Ontario	FIT_IVANHOE 13.800	1	160451	5.1	5.1	Water	Hydroelectric	Planned	2011	Y	
IESO	Ontario	FIT_LAPINIGA13.800	1	160454	8.2	8.2	Water	Hydroelectric	Planned	2011	Y	
IESO	Ontario	FIT_LISKEAR113.800	1	160466	10	10	Solar pv groundmount	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_LISKEAR313.800	1	160467	10	10	Solar pv groundmount	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_LISKEAR413.800	1	160468	10	10	Solar pv groundmount	Renewable	Planned	2014	Y	
IESO	Ontario	FIT_MCLEANS113.800	1	160483	50	50	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_MCLEANS213.800	1	160484	10	10	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_MIDDLETW13.800	1	160455	5	5	Water	Hydroelectric	Planned	2011	Y	
IESO	Ontario	FIT_NAME_G1 13.800	1	160490	10	10	Water	Hydroelectric	Planned	2014	Y	



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IESO	Ontario	FIT_NEES_GEN13.800	1	160441	6.5	6.5	Water	Hydroelectric	Planned	2013	Y	
IESO	Ontario	FIT_NP_ABITI13.800	1	160462	10	10	Solar pv groundmount	Renewable	Planned	2010	Y	
IESO	Ontario	FIT_NP_EMPIR13.800	1	160463	10	10	Solar pv groundmount	Renewable	Planned	2014	Y	
IESO	Ontario	FIT_NP_LONG_13.800	1	160472	10	10	Solar pv groundmount	Renewable	Planned	2014	Y	
IESO	Ontario	FIT_NP_MART_13.800	1	160461	10	10	Solar pv groundmount	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_OUTLET_13.800	1	160459	2.5	2.5	Water	Hydroelectric	Planned	2011	Y	
IESO	Ontario	FIT_PAR_G1_13.800	1	160478	48.6	48.6	Wind On-Shore	Renewable	Planned	2010	Y	
IESO	Ontario	FIT_PEES_GEN13.800	1	160442	6.5	6.5	Water	Hydroelectric	Planned	2013	Y	
IESO	Ontario	FIT_PRT_DOV_13.800	1	160499	105	105	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_SUMHV_G113.800	1	160487	125	125	Wind On-Shore	Renewable	Planned	2011	Y	
IESO	Ontario	FIT_TROU_GEN13.800	1	160447	4	4	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	FIT_WAHP_GEN13.800	1	160443	6.5	6.5	Water	Hydroelectric	Planned	2011	Y	
IESO	Ontario	FIT_WAPO_GEN13.800	1	160444	6.5	6.5	Water	Hydroelectric	Planned	2012	Y	
IESO	Ontario	FIT_WHE_PNE_13.800	1	160502	60	60	Wind On-Shore	Renewable	Planned	2010	Y	
IESO	Ontario	FIT_WOLF_IS_13.800	1	160503	300	300	Wind off shore	Renewable	Planned	2011	Y	
IESO	Ontario	FLOWERFALLS_13.800	1	151075	9.9	0	Water	Hydroelectric	Conceptual	2016	Y	
IESO	Ontario	FORT_CHICAGT13.800	1	160755	15.7	15.7	Gas	Combined heat and power	Existing			
IESO	Ontario	FRIDAYLAKE_13.800	1	152154	100	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	FT_FRANCS_AB6.6000	1	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	FT_FRANCS_AB6.6000	2	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	FT_FRANCS_AB6.6000	3	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	FT_FRANCS_AB6.6000	4	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	FT_FRANCS_AB6.6000	5	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	FT_FRANCS_AB6.6000	6	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	FT_FRANCS_AB6.6000	7	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	FT_FRANCS_AB6.6000	8	151608	1.8	0	Woodwaste	Biomass	Existing			
IESO	Ontario	GARTSHORE_G112.000	1	152827	20	0	Water	Hydroelectric	Existing			
IESO	Ontario	GOSFIELDWTG10.6900	1	160787	25.3	0	Wind	Renewable	Planned	2014	Y	
IESO	Ontario	GOSFIELDWTG20.6900	1	160788	25.3	0	Wind	Renewable	Planned	2014	Y	



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IESO	Ontario	GOSHEN 13.800	1	158971	100	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	GRANDBEND 13.800	1	158972	100	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	GRANDVALLEY 13.800	1	158973	40	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	GREENFLD_II22.000	1	156789	280	70	Gas	Fossil	Existing			
IESO	Ontario	GREENFLD_GS118.000	1	160727	211.65	200	Gas	Combined cycle	Existing			
IESO	Ontario	GREENFLD_GS218.000	1	160728	211.65	0	Gas	Combined cycle	Existing			
IESO	Ontario	GREENFLD_GS318.000	1	160729	211.65	0	Gas	Combined cycle	Existing			
IESO	Ontario	GREENFLD_GS418.000	1	160730	516.6	0	Gas	Combined cycle	Existing			
IESO	Ontario	GREENWCHWTG10.6900	1	151770	25.3	25.3	Wind	Renewable	Planned	2012	Y	
IESO	Ontario	GREENWCHWTG20.6900	1	151771	23	23	Wind	Renewable	Planned	2012	Y	
IESO	Ontario	GREENWCHWTG30.6900	1	151772	25.3	25.3	Wind	Renewable	Planned	2013	Y	
IESO	Ontario	GREENWCHWTG40.6900	1	151773	25.3	25.3	Wind	Renewable	Planned	2014	Y	
IESO	Ontario	GRNFLDS_CTG116.500	1	156741	195.3	195.3	Gas	Combined cycle	Planned	2011		
IESO	Ontario	GRNFLDS_STG213.800	1	156742	134	134	Gas	Combined cycle	Planned	2011		
IESO	Ontario	GTAA_GT1 13.800	1	156826	52	32.842	Gas	Combined cycle	Existing			
IESO	Ontario	GTAA_GT2 13.800	1	156827	52	27.046	Gas	Combined cycle	Existing			
IESO	Ontario	GTAA_STM 13.800	1	156821	26	24.7	Gas	Combined cycle	Existing			
IESO	Ontario	HALT_HL_GTG121.000	1	158783	274.5	0	Gas	Combined cycle	Existing			
IESO	Ontario	HALT_HL_GTG216.500	1	158781	202.5	0	Gas	Combined cycle	Existing			
IESO	Ontario	HALT_HL_STG 16.500	1	158782	202.5	0	Gas	Combined cycle	Existing			
IESO	Ontario	HARMON_GS 13.800	1	152753	61.2	0	Water	Hydroelectric	Existing			
IESO	Ontario	HARMON_GS 13.800	2	152753	61.2	0	Water	Hydroelectric	Existing			
IESO	Ontario	HARRIS_GS 6.6000	1	152817	11.2	0	Water	Hydroelectric	Existing			
IESO	Ontario	HEALEY_FG1 4.1600	1	155746	6.7	0	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	HEALEY_FG2346.6000	2	155747	3.38	0	Water	Hydroelectric	Planned	2014	Y	



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IESO	Ontario	HEALEY_FG2346.6000	3	155747	3.38	0	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	HEALEY_FG2346.6000	4	155747	3.38	0	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	HIGHFALLS 13.800	1	160448	6.4	6.4	Water	Hydroelectric	Planned	2013	Y	
IESO	Ontario	HIGHFALLS_G112.000	1	152855	22.5	21.012	Water	Hydroelectric	Existing			
IESO	Ontario	HIGHFALLS_G212.000	1	152856	22.5	19.986	Water	Hydroelectric	Existing			
IESO	Ontario	HOGG_GS_G1 12.000	1	152828	17.4	15.813	Water	Hydroelectric	Existing			
IESO	Ontario	HOLINGSWORTH12.000	1	152805	20	19	Water	Hydroelectric	Existing			
IESO	Ontario	HOUND_CHUTEG4.1600	1	152673	4.95	4.8	Water	Hydroelectric	Existing			
IESO	Ontario	HOUND_CHUTEG4.1600	2	152673	4.95	4.8	Water	Hydroelectric	Existing			
IESO	Ontario	IMP_OIL_SARN13.800	1	160726	99	48.282	Gas	Fossil	Existing			
IESO	Ontario	IROQ_PW_GS1313.800	1	152780	49.9	41.542	Gas	Fossil	Existing			
IESO	Ontario	IROQ_PW_GS1313.800	3	152780	33.7	13.794	Gas	Fossil	Existing			
IESO	Ontario	IROQ_PW_GS-213.800	1	152781	49.9	0	Gas	Fossil	Existing			
IESO	Ontario	ISLAND FLS 13.800	1	152629	10	0	Water	Hydroelectric	Existing			
IESO	Ontario	ISLAND FLS 13.800	2	152629	10	0	Water	Hydroelectric	Existing			
IESO	Ontario	JERICO 13.800	1	160184	150	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	KEFKATIKGWAN13.800	1	151074	60	0	Wind On-Shore	Renewable	Conceptual	2018	Y	
IESO	Ontario	KENORA_CGS 2.4000	1	151740	10	8.399	Water	Hydroelectric	Existing			
IESO	Ontario	KENTCNTR 13.800	1	160194	100	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	KINGSBRDG2 13.800	1	158991	270	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	KINGSBRG_DVR0.4800	1	158855	0	0	Wind	Renewable	Existing			
IESO	Ontario	KINGSBRIDGE10.6900	1	158851	9	0.446	Wind	Renewable	Existing			
IESO	Ontario	KINGSBRIDGE20.6900	1	158852	9	0.446	Wind	Renewable	Existing			
IESO	Ontario	KINGSBRIDGE30.6900	1	158853	10.8	0.728	Wind	Renewable	Existing			
IESO	Ontario	KINGSBRIDGE40.6900	1	158854	10.8	0.728	Wind	Renewable	Existing			
IESO	Ontario	KIPLING_GS 13.800	1	152758	79	60	Water	Hydroelectric	Existing			
IESO	Ontario	KIPLING_GS 13.800	2	152758	79	60	Water	Hydroelectric	Existing			
IESO	Ontario	KRUGER-WTG1 0.6900	1	160772	25.3	0	Wind	Renewable	Planned	2013	Y	
IESO	Ontario	KRUGER-WTG2 0.6900	1	160773	25.3	0	Wind	Renewable	Planned	2013	Y	



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IESO	Ontario	KRUGER-WTG3 0.6900	1	160774	32.2	0	Wind	Renewable	Planned	2013	Y	
IESO	Ontario	KRUGER-WTG4 0.6900	1	160775	18.4	0	Wind	Renewable	Planned	2013	Y	
IESO	Ontario	LAC_SEUL_GS 13.800	1	151763	12.2	0	Water	Hydroelectric	Existing			
IESO	Ontario	LAKEHEAD_T7 13.800	1	151645	0	0	Condenser		Existing			
IESO	Ontario	LAKEHEAD_T8 13.800	1	151646	0	0	Condenser		Existing			
IESO	Ontario	LAKESUPER_G113.800	1	152852	26.1	24.795	Gas	Combined cycle	Existing			
IESO	Ontario	LAKESUPER_T113.800	1	152850	47	36.457	Gas	Combined cycle	Existing			
IESO	Ontario	LAKESUPER_T213.800	1	152851	47	36.775	Gas	Combined cycle	Existing			
IESO	Ontario	LAMBTON_GS-124.000	1	160702	500	490	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	LAMBTON_GS-224.000	1	160703	500	490	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	LAMBTON_GS-324.000	1	160704	500	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	LAMBTON_GS-424.000	1	160705	500	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	LAURIER 13.800	1	153150	100	0	Wind On-Shore	Renewable	Planned	2012	Y	
IESO	Ontario	LENNOX_GS-1 20.000	1	155712	550	0	Gas/Oil	Fossil	Existing			
IESO	Ontario	LENNOX_GS-2 20.000	1	155713	550	0	Gas/Oil	Fossil	Existing			
IESO	Ontario	LENNOX_GS-3 20.000	1	155714	550	0	Gas/Oil	Fossil	Existing			
IESO	Ontario	LENNOX_GS-4 20.000	1	155715	550	0	Gas/Oil	Fossil	Existing			
IESO	Ontario	LISKEARD2 13.800	1	152164	10	0	Solar	Renewable	Conceptual	2016	Y	
IESO	Ontario	LISKEARD5 13.800	1	152165	10	0	Solar	Renewable	Conceptual	2017	Y	
IESO	Ontario	LIT_LONG_GS 13.800	1	152759	63	34.292	Water	Hydroelectric	Existing			
IESO	Ontario	LIT_LONG_GS 13.800	2	152759	63	60	Water	Hydroelectric	Existing			
IESO	Ontario	LOCHLOMOND 13.800	1	151077	48.3	0	Solar PV Groundmount	Renewable	Conceptual	2017	Y	
IESO	Ontario	LOW_NOTCH_G113.800	1	152760	119	110.575	Water	Hydroelectric	Existing			
IESO	Ontario	LOW_NOTCH_G213.800	1	152761	119	95.737	Water	Hydroelectric	Existing			
IESO	Ontario	LOWERLAKE 13.800	1	151081	10	0	Water	Hydroelectric	Conceptual	2018	Y	
IESO	Ontario	LOWERSTURGEN4.1600	1	152736	7	7	Water	Hydroelectric	Existing			
IESO	Ontario	LOWERSTURGEN4.1600	2	152736	7	7	Water	Hydroelectric	Existing			
IESO	Ontario	LSR_CGS-1 4.1600	1	152783	20	15.178	Water	Hydroelectric	Existing			



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IESO	Ontario	MACKAY_GS_1212.000	1	152825	9	8.55	Water	Hydroelectric	Existing			
IESO	Ontario	MACKAY_GS_1212.000	2	152825	9	8.55	Water	Hydroelectric	Existing			
IESO	Ontario	MACKAY_GS_3 12.000	1	152826	22.5	21.375	Water	Hydroelectric	Existing			
IESO	Ontario	MAN_FLS_GS1213.800	1	151741	13.1	3	Water	Hydroelectric	Existing			
IESO	Ontario	MAN_FLS_GS1213.800	2	151741	13.1	3	Water	Hydroelectric	Existing			
IESO	Ontario	MAN_FLS_GS3413.800	1	151742	13.1	3	Water	Hydroelectric	Existing			
IESO	Ontario	MAN_FLS_GS3413.800	2	151742	13.6	3	Water	Hydroelectric	Existing			
IESO	Ontario	MAN_FLS_GS-513.800	1	151743	13.6	13.592	Water	Hydroelectric	Existing			
IESO	Ontario	MASINABIK 13.800	1	151072	150	0	Wind On-Shore	Renewable	Conceptual	2019	Y	
IESO	Ontario	MCLEANSMT 13.800	1	152151	40	0	Wind On-Shore	Renewable	Conceptual	2018	Y	
IESO	Ontario	MCPHAIL_G1 12.000	1	152810	5	4.75	Water	Hydroelectric	Existing			
IESO	Ontario	MCPHAIL_G2 12.000	1	152811	5	4.938	Water	Hydroelectric	Existing			
IESO	Ontario	MERLINQUINN 13.800	1	160304	46	0	Wind On-Shore	Renewable	Conceptual	2018	Y	
IESO	Ontario	MISSIONFALLS6.6000	1	152816	13.9	2.464	Water	Hydroelectric	Existing			
IESO	Ontario	MT_CHUTE_GS113.800	1	155636	74	74	Water	Hydroelectric	Existing			
IESO	Ontario	MT_CHUTE_GS213.800	1	155637	74	74	Water	Hydroelectric	Existing			
IESO	Ontario	MURILLO_DSB124.900	1	151668	5.7	0	Water	Hydroelectric	Existing			
IESO	Ontario	MURILLO_DSB124.900	2	151668	5.7	0	Water	Hydroelectric	Existing			
IESO	Ontario	MURILLO_DSB124.900	3	151668	5.7	0	Water	Hydroelectric	Existing			
IESO	Ontario	MURILLO_DSB124.900	4	151668	8.5	0	Water	Hydroelectric	Existing			
IESO	Ontario	MURILLO_DSB224.900	1	151709	6.4	6.08	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	MURILLO_DSB224.900	2	151709	6.4	6.08	Water	Hydroelectric	Planned	2014	Y	
IESO	Ontario	MUSSELWHITE 4.1600	1	151708	1.6	0	Diesel	Fossil	Existing			
IESO	Ontario	MUSSELWHITE 4.1600	2	151708	1.6	0	Diesel	Fossil	Existing			
IESO	Ontario	MYRTLEFALLS 13.800	1	151080	2	0	Water	Hydroelectric	Conceptual	2016	Y	
IESO	Ontario	N_PWR_KL_G4513.800	1	152765	25.5	0	Woodwaste	Biomass	Existing			
IESO	Ontario	N_PWR_KL_G4513.800	2	152765	26.5	0	Woodwaste	Biomass	Existing			
IESO	Ontario	N_PWR_KL_GS613.800	1	152762	44	28.56	Woodwaste	Biomass	Existing			
IESO	Ontario	N_PWR_KLG12313.800	1	152764	25.5	0	Woodwaste	Biomass	Existing			



IESO	Ontario	N_PWR_KLG12313.800	2	152764	25.5	0	Woodwaste	Biomass	Existing			
IESO	Ontario	N_PWR_KLG12313.800	3	152764	21.1	6.747	Woodwaste	Biomass	Existing			
IESO	Ontario	NAGAGAMI_CGS4.1600	1	152782	9.3	9	Water	Hydroelectric	Existing			
IESO	Ontario	NAGAGAMI_CGS4.1600	2	152782	9.3	9	Water	Hydroelectric	Existing			
IESO	Ontario	NANTICOKE_G122.000	1	158736	505	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NANTICOKE_G222.000	1	158737	505	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NANTICOKE_G322.000	1	158738	510	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NANTICOKE_G422.000	1	158739	505	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NANTICOKE_G522.000	1	158740	510	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NANTICOKE_G622.000	1	158741	509	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NANTICOKE_G722.000	1	158742	512	440	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NANTICOKE_G822.000	1	158743	505	400	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	NBRUCEPEN 13.800	1	158997	150	0	Wind On-Shore	Renewable	Conceptual	2017	Y	
IESO	Ontario	NIMAASING 13.800	1	152152	200	0	Wind On-Shore	Renewable	Conceptual	2016	Y	
IESO	Ontario	NORMAN_CGS 6.6000	1	151744	13.2	5.169	Water	Hydroelectric	Existing			
IESO	Ontario	NPIF_CGS_G1 13.800	1	155735	90	59.236	Gas	Fossil	Existing			
IESO	Ontario	NPIF_CGS_G2 13.800	1	155734	50	41.125	Gas	Fossil	Existing			
IESO	Ontario	NRTHLNDCOCRN13.800	1	152162	10	0	Solar PV Groundmount	Renewable	Conceptual	2018	Y	
IESO	Ontario	NRTHLNHDUNTA13.800	1	152161	10	0	Solar PV Groundmount	Renewable	Conceptual	2016	Y	
IESO	Ontario	NRTHLNDMTHSN13.800	1	152163	10	0	Solar PV Groundmount	Renewable	Conceptual	2016	Y	
IESO	Ontario	O_HOLDEN_G1213.800	1	152754	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	O_HOLDEN_G1213.800	2	152754	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	O_HOLDEN_G3413.800	1	152755	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	O_HOLDEN_G3413.800	2	152755	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	O_HOLDEN_G5613.800	1	152756	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	O_HOLDEN_G5613.800	2	152756	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	O_HOLDEN_G7813.800	1	152757	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	O_HOLDEN_G7813.800	2	152757	26	26	Water	Hydroelectric	Existing			
IESO	Ontario	OHSC_CGS 13.800	1	154682	51.7	31.61	Gas	Fossil	Existing			



IESO	Ontario	OHSC_CGS 13.800	2	154682	32	31.61	Gas	Fossil	Existing			
IESO	Ontario	OTT_RAP_GS-113.800	1	152766	41	30	Water	Hydroelectric	Existing			
IESO	Ontario	OTT_RAP_GS-213.800	1	152767	41	30	Water	Hydroelectric	Existing			
IESO	Ontario	OTT_RAP_GS-313.800	2	152789	41	30	Water	Hydroelectric	Existing			
IESO	Ontario	OTT_RAP_GS-413.800	2	152790	41	30	Water	Hydroelectric	Existing			
IESO	Ontario	PICK_A_GS_G224.000	1	156674	542	0	Uranium	Nuclear	Existing			
IESO	Ontario	PICK_A_GS_G324.000	1	156675	542	0	Uranium	Nuclear	Existing			
IESO	Ontario	PICK_A_GS-4 24.000	1	156676	542	485.305	Uranium	Nuclear	Existing			
IESO	Ontario	PICK_A_GS-G124.000	1	156673	542	515	Uranium	Nuclear	Existing			
IESO	Ontario	PICK_B_GS-5 24.000	1	156683	542	508.786	Uranium	Nuclear	Existing			
IESO	Ontario	PICK_B_GS-6 24.000	1	156684	542	515.015	Uranium	Nuclear	Existing			
IESO	Ontario	PICK_B_GS-7 24.000	1	156685	542	520	Uranium	Nuclear	Existing			
IESO	Ontario	PICK_B_GS-8 24.000	1	156686	542	506.151	Uranium	Nuclear	Existing			
IESO	Ontario	PINE_PORT_G113.800	1	151745	29.7	29	Water	Hydroelectric	Existing			
IESO	Ontario	PINE_PORT_G213.800	1	151746	29.7	29	Water	Hydroelectric	Existing			
IESO	Ontario	PINE_PORT_G313.800	1	151747	34.9	34.935	Water	Hydroelectric	Existing			
IESO	Ontario	PINE_PORT_G413.800	1	151748	33.8	32.11	Water	Hydroelectric	Existing			
IESO	Ontario	PORTALMA_G1 0.6900	1	160736	23	0	Wind	Renewable	Existing			
IESO	Ontario	PORTALMA_G2 0.6900	1	160737	23	0	Wind	Renewable	Existing			
IESO	Ontario	PORTALMA_G3 0.6900	1	160738	27.6	0	Wind	Renewable	Existing			
IESO	Ontario	PORTALMA_G4 0.6900	1	160739	27.6	0	Wind	Renewable	Existing			
IESO	Ontario	PORTBURWELL10.5750	1	160611	18	17.1	Wind	Renewable	Existing			
IESO	Ontario	PORTBURWELL20.5750	1	160612	18	17.1	Wind	Renewable	Existing			
IESO	Ontario	PORTBURWELL30.5750	1	160613	33	21.231	Wind	Renewable	Existing			
IESO	Ontario	PORTBURWELL40.5750	1	160614	30	21.231	Wind	Renewable	Existing			
IESO	Ontario	PORTBURWELL50.5750	1	160615	30	0	Wind	Renewable	Existing			
IESO	Ontario	PORTBURWELL60.5750	1	160616	10.5	0	Wind	Renewable	Existing			
IESO	Ontario	PORTBURWELL70.5750	1	160617	10.5	0	Wind	Renewable	Existing			
IESO	Ontario	PORTLAND_G1 18.000	1	156863	169	125	Gas	Combined cycle	Existing			



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IESO	Ontario	PORTLAND_G2 18.000	1	156864	169	110	Gas	Combined cycle	Existing			
IESO	Ontario	PORTLAND_G3 18.000	1	156865	244.511	240	Gas	Combined cycle	Existing			
IESO	Ontario	PRINCE_WF_1 0.5750	1	152859	24	2.54	Wind	Renewable	Existing			
IESO	Ontario	PRINCE_WF_2 0.5750	1	152860	24	2.54	Wind	Renewable	Existing			
IESO	Ontario	PRINCE_WF_3 0.5750	1	152861	25.5	2.54	Wind	Renewable	Existing			
IESO	Ontario	PRINCE_WF_4 0.5750	1	152862	25.5	2.54	Wind	Renewable	Existing			
IESO	Ontario	PRINCE_WF_5 0.5750	1	152863	24	1.009	Wind	Renewable	Existing			
IESO	Ontario	PRINCE_WF_6 0.5750	1	152864	25.5	1.009	Wind	Renewable	Existing			
IESO	Ontario	PRINCE_WF_7 0.5750	1	152865	25.5	1.009	Wind	Renewable	Existing			
IESO	Ontario	PRINCE_WF_8 0.5750	1	152866	25.5	1.009	Wind	Renewable	Planned	2013	Y	
IESO	Ontario	RALEIGH-WTG10.5750	1	160763	18	18	Wind	Renewable	Planned	2012	Y	
IESO	Ontario	RALEIGH-WTG20.5750	1	160764	18	18	Wind	Renewable	Planned	2011	Y	
IESO	Ontario	RALEIGH-WTG30.5750	1	160765	21	21	Wind	Renewable	Planned	2013	Y	
IESO	Ontario	RALEIGH-WTG40.5750	1	160766	21	21	Wind	Renewable	Planned	2014	Y	
IESO	Ontario	RANGERLAKE1A13.800	1	152155	50	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	RANGERLAKE1B13.800	1	152156	50	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	RANGERLAKE2A13.800	1	152157	50	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	RANGERLAKE2B13.800	1	152158	50	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	RAYNER_CGS 13.800	1	152769	23.3	0	Water	Hydroelectric	Existing			
IESO	Ontario	RAYNER_CGS 13.800	2	152769	23.3	0	Water	Hydroelectric	Existing			
IESO	Ontario	RED_ROCK_GS 13.800	1	152770	20.8	19.611	Water	Hydroelectric	Existing			
IESO	Ontario	RED_ROCK_GS 13.800	2	152770	20.8	19.698	Water	Hydroelectric	Existing			
IESO	Ontario	RIPLEYDVAR340.4800	A	159609	0	0	Wind	Renewable	Existing			
IESO	Ontario	RIPLEYSTH_G10.4000	1	159606	26	26	Wind	Renewable	Existing			
IESO	Ontario	RIPLEYSTH_G20.4000	1	159607	20	20	Wind	Renewable	Existing			
IESO	Ontario	RIPLEYSTH_G30.4000	1	159608	29	29	Wind	Renewable	Existing			
IESO	Ontario	ROARINGRAPID13.800	1	151079	5.1	0	Water	Hydroelectric	Planned	2013	Y	
IESO	Ontario	ROCKHILL 13.800	1	155150	100	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	SANDY_FAL_G14.1600	1	152734	5	0	Water	Hydroelectric	Existing			



IESO	Ontario	SAUNDERS_91013.800	1	155728	57.2	50	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_91013.800	2	155728	57.2	52.133	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G1213.800	1	155724	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G1213.800	2	155724	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G3413.800	1	155725	59	59.66	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G3413.800	2	155725	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G5613.800	1	155726	59	59.66	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G5613.800	2	155726	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G7813.800	1	155727	59	59.66	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS_G7813.800	2	155727	57.2	50	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS111213.800	1	155729	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS111213.800	2	155729	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS131413.800	1	155730	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS131413.800	2	155730	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS151613.800	1	155731	57.2	54.34	Water	Hydroelectric	Existing			
IESO	Ontario	SAUNDERS151613.800	2	155731	59	56.979	Water	Hydroelectric	Existing			
IESO	Ontario	SCOTT_GS_G1 12.000	1	152813	10.2	9.437	Water	Hydroelectric	Existing			
IESO	Ontario	SCOTT_GS_G2 12.000	1	152815	10.8	10.002	Water	Hydroelectric	Existing			
IESO	Ontario	SERPENT_RIV 4.1600	1	152771	3.6	0.25	Water	Hydroelectric	Existing			
IESO	Ontario	SERPENT_RIV 4.1600	2	152771	3.6	0.25	Water	Hydroelectric	Existing			
IESO	Ontario	SHILOH 13.800	1	160302	46	0	Wind	Renewable	Conceptual	2018	Y	
IESO	Ontario	SILCOTE 13.800	1	158980	46.8	0	Wind	Renewable	Conceptual	2016	Y	
IESO	Ontario	SILVER_FALLS13.800	1	151749	47.8	43.776	Water	Hydroelectric	Existing			
IESO	Ontario	SITHE_G11 18.000	1	156857	179	170	Gas	Combined cycle	Existing			
IESO	Ontario	SITHE_G12 18.000	1	156858	179	170	Gas	Combined cycle	Existing			
IESO	Ontario	SITHE_G13 18.000	1	156859	179	160.248	Gas	Combined cycle	Existing			
IESO	Ontario	SITHE_G15 23.000	1	156871	402.3	100	Gas	Combined cycle	Existing			
IESO	Ontario	SKYWAY 13.800	1	158974	100	0	Wind	Renewable	Conceptual	2016	Y	



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IESO	Ontario	SMOKEY_FLG126.6000	1	152869	13	2.066	Water	Hydroelectric	Existing			
IESO	Ontario	SMOKEY_FLG126.6000	2	152869	13	2.066	Water	Hydroelectric	Existing			
IESO	Ontario	SMOKEY_FLG346.6000	3	152787	13	2.066	Water	Hydroelectric	Existing			
IESO	Ontario	SMOKEY_FLG346.6000	4	152787	13	2.066	Water	Hydroelectric	Existing			
IESO	Ontario	ST_CLR_EC_G318.000	1	160740	162.7	0	Gas	Combined cycle	Existing			
IESO	Ontario	ST_CLR_EC_G418.000	1	160742	162.7	0	Gas	Combined cycle	Existing			
IESO	Ontario	ST_CLR_EC_S314.000	1	160741	130.4	0	Gas	Combined cycle	Existing			
IESO	Ontario	ST_CLR_EC_S414.000	1	160743	130.4	0	Gas	Combined cycle	Existing			
IESO	Ontario	STEEPHILFLLS6.6000	1	152818	11.7	11.115	Water	Hydroelectric	Existing			
IESO	Ontario	STEWARTVL_G113.200	1	155638	22.1	20	Water	Hydroelectric	Existing			
IESO	Ontario	STEWARTVL_G213.200	1	155639	22.1	20	Water	Hydroelectric	Existing			
IESO	Ontario	STEWARTVL_G313.200	1	155640	22.1	20	Water	Hydroelectric	Existing			
IESO	Ontario	STEWARTVL_G413.800	1	155641	50	50.313	Water	Hydroelectric	Existing			
IESO	Ontario	STEWARTVL_G513.800	1	155642	50	49.634	Water	Hydroelectric	Existing			
IESO	Ontario	STURGEON_FLS6.6000	1	151750	4	0.8	Water	Hydroelectric	Existing			
IESO	Ontario	STURGEON_FLS6.6000	2	151750	4	0.8	Water	Hydroelectric	Existing			
IESO	Ontario	SUPERIORSHOR13.800	1	151076	25.3	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	SYDENHAM 13.800	1	160196	66.7	0	Wind	Renewable	Conceptual	2017	Y	
IESO	Ontario	TALBOT_WTG1 0.5750	1	160781	25.3	0	Wind	Renewable	Planned	2012	Y	
IESO	Ontario	TALBOT_WTG2 0.5750	1	160782	23	0	Wind	Renewable	Planned	2012	Y	
IESO	Ontario	TALBOT_WTG3 0.5750	1	160783	25.3	0	Wind	Renewable	Planned	2012	Y	
IESO	Ontario	TALBOT_WTG4 0.5750	1	160784	25.3	0	Wind	Renewable	Planned	2012	Y	
IESO	Ontario	TC-OGS_CT1 21.000	G1	158235	240	0	Gas	Combined cycle	Planned	2011		
IESO	Ontario	TC-OGS_CT2 21.000	G2	158236	240	0	Gas	Combined cycle	Planned	2011		
IESO	Ontario	TC-OGS_ST1 21.000	SG	158237	450	0	Gas	Combined cycle	Planned	2011		
IESO	Ontario	TCP_NIPIGON 13.800	1	151751	21.9	17.428	Gas	Fossil	Existing			
IESO	Ontario	TCP_NIPIGON 13.800	2	151751	18.3	17.428	Gas	Fossil	Existing			



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IESO	Ontario	TEMB_SM_RK122.3000	1	152779	3.6	3.477	Water	Hydroelectric	Existing			
IESO	Ontario	TEMB_SM_RK122.3000	2	152779	3.6	3.477	Water	Hydroelectric	Existing			
IESO	Ontario	TER_BAY_PULP13.800	1	151644	22.5	0	Water	Hydroelectric	Existing			
IESO	Ontario	TER_BAY_PULP13.800	2	151644	26.46	0	Water	Hydroelectric	Existing			
IESO	Ontario	THOROLD_CTG118.000	1	157685	182.7	0	Gas	Combined cycle	Existing			
IESO	Ontario	THOROLD_STG113.800	1	157686	100	0	Gas	Combined cycle	Existing			
IESO	Ontario	THUN_BAY_G1 13.800	1	151721	0	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	THUN_BAY_GS218.000	1	151722	165	0	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	THUN_BAY_GS318.000	1	151723	165	36.889	Coal	Fossil	Existing			Coal unit phase-out 2014
IESO	Ontario	TR_ENERG_86113.800	1	160719	140	115.162	Gas	Combined cycle	Existing			
IESO	Ontario	TR_ENERG_87113.800	2	160720	140	99.952	Gas	Combined cycle	Existing			
IESO	Ontario	TR_ENERG_88113.800	3	160721	140	95.748	Gas	Combined cycle	Existing			
IESO	Ontario	TR_ENERG_89113.800	4	160722	140	95.226	Gas	Combined cycle	Existing			
IESO	Ontario	TRIGENLV 4.1600	1	160753	3.7	3	Gas	Combined heat and power	Existing			
IESO	Ontario	TRIGENLV 4.1600	2	160753	3.7	3	Gas	Combined heat and power	Existing			
IESO	Ontario	TRIGENLV 4.1600	3	160753	3.7	3	Gas	Combined heat and power	Existing			
IESO	Ontario	TRIGENLV 4.1600	4	160753	3.7	3	Gas	Combined heat and power	Existing			
IESO	Ontario	UMBATTAFALLS13.800	1	151600	11.7	0	Water	Hydroelectric	Existing			
IESO	Ontario	UMBATTAFALLS13.800	2	151600	11.7	0	Water	Hydroelectric	Existing			
IESO	Ontario	UNDERLADVAR10.4800	A	159640	0	0	Condenser		Existing			
IESO	Ontario	UNDERLBDVAR10.4800	B	159641	0	0	Condenser		Existing			
IESO	Ontario	UNDERWOODA290.6900	1	159645	49.5	0	Wind	Renewable	Existing			
IESO	Ontario	UNDERWOODA310.6900	1	159644	49.5	0	Wind	Renewable	Existing			
IESO	Ontario	UNDERWOODB300.6900	1	159647	49.5	0	Wind	Renewable	Existing			
IESO	Ontario	UNDERWOODB310.6900	1	159646	51.15	0	Wind	Renewable	Existing			
IESO	Ontario	VALERIE_FLS 4.1600	1	151753	4	0.65	Water	Hydroelectric	Existing			
IESO	Ontario	VALERIE_FLS 4.1600	2	151753	4	0.65	Water	Hydroelectric	Existing			



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IESO	Ontario	W_TRANSALTA 13.800	1	160718	52.7	40	Gas	Combined cycle	Existing			
IESO	Ontario	W_TRANSALTA 13.800	2	160718	35.2	30	Gas	Combined cycle	Existing			
IESO	Ontario	W_WIND_PWRG113.800	1	160716	107.3	68.115	Gas	Combined cycle	Existing			
IESO	Ontario	W_WIND_PWRG213.800	1	160717	31.5	29.925	Gas	Combined cycle	Existing			
IESO	Ontario	WALKER_TS_EQ27.600	1	160679	16.2	0	Gas	Fossil	Existing			
IESO	Ontario	WAWAITIN_GS 4.1600	1	152774	7	2	Water	Hydroelectric	Existing			
IESO	Ontario	WAWAITIN_GS 4.1600	2	152774	7	2	Water	Hydroelectric	Existing			
IESO	Ontario	WAWATAY_CGS 4.1600	1	151730	4.5	1.749	Water	Hydroelectric	Existing			
IESO	Ontario	WAWATAY_CGS 4.1600	2	151730	4.5	1.749	Water	Hydroelectric	Existing			
IESO	Ontario	WAWATAY_CGS 4.1600	3	151730	4.5	1.749	Water	Hydroelectric	Existing			
IESO	Ontario	WELLS_GS-1 13.800	1	152775	96.3	96	Water	Hydroelectric	Existing			
IESO	Ontario	WELLS_GS-2 13.800	2	152773	96.3	96	Water	Hydroelectric	Existing			
IESO	Ontario	WESTCOAST_G113.800	1	151738	58	41.109	Gas	Fossil	Planned	2011		
IESO	Ontario	WESTCOAST_G213.800	1	151739	49.4	26.341	Gas	Fossil	Existing			
IESO	Ontario	WHITBY_CGS 13.800	1	156695	59.7	43.427	Gas	Fossil	Existing			
IESO	Ontario	WHITEDOG_GS 13.800	1	151752	24	15	Water	Hydroelectric	Existing			
IESO	Ontario	WHITEDOG_GS 13.800	2	151752	24	19.229	Water	Hydroelectric	Existing			
IESO	Ontario	WHITEDOG_GS 13.800	3	151752	24	19.225	Water	Hydroelectric	Existing			
IESO	Ontario	WIKWEMIKONG 13.800	1	152160	100	0	Wind	Renewable	Conceptual	2019	Y	
IESO	Ontario	WOLF_ISL_G1 0.6900	1	155653	32.2	0	Wind	Renewable	Existing			
IESO	Ontario	WOLF_ISL_G2 0.6900	1	155654	34.5	0	Wind	Renewable	Existing			
IESO	Ontario	WOLF_ISL_G3 0.6900	1	155655	32.2	0	Wind	Renewable	Existing			
IESO	Ontario	WOLF_ISL_G4 0.6900	1	155656	36.8	0	Wind	Renewable	Existing			
IESO	Ontario	WOLF_ISL_G5 0.6900	1	155657	32.2	0	Wind	Renewable	Existing			
IESO	Ontario	WOLF_ISL_G6 0.6900	1	155658	29.9	0	Wind	Renewable	Existing			
IESO	Ontario	YORK_EC_LV1 16.500	1	153655	184	0	Gas	Fossil	Planned	2012		
IESO	Ontario	YORK_EC_LV2 16.500	1	153656	184	0	Gas	Fossil	Planned	2012		
IESO	Ontario	ZURICH 13.800	1	158979	37.5	0	Wind On-Shore	Renewable	Conceptual	2019	Y	



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ISO-NE	ME	KIBBY STRNG1	1	100351	33	33	Wind	Wind Turbine	Existing			
ISO-NE	ME	KIBBY STRNG2	1	100352	27	27	Wind	Wind Turbine	Existing			
ISO-NE	ME	KIBBY STRNG3	1	100353	39	39	Wind	Wind Turbine	Existing			
ISO-NE	ME	KIBBY STRNG4	1	100354	39	27	Wind	Wind Turbine	Existing			
ISO-NE	ME	HARRIS HY T3	3	100358	35.5	28	Hydro	Hydro - Pondage	Existing			
ISO-NE	ME	WYMAN HYD#2	2	100361	27.1	21	Hydro	Hydro - Pondage	Existing			
ISO-NE	ME	WYMAN HYD#3	3	100362	25.4	20	Hydro	Hydro - Pondage	Existing			
ISO-NE	ME	YARMOUTH #1	1	100365	57	50	Oil	Steam Turbine	Existing			
ISO-NE	ME	YARMOUTH #2	2	100366	57	50	Oil	Steam Turbine	Existing			
ISO-NE	ME	YARMOUTH #3	3	100367	125	95	Oil	Steam Turbine	Existing			
ISO-NE	ME	YARMOUTH #4	4	100368	636	0	Oil	Steam Turbine	Existing			
ISO-NE	ME	AEI LIVERMRE	1	100370	38.5	36	Biomass	Steam Turbine	Existing			
ISO-NE	ME	SEA STRATTON	1	100372	48	48	Biomass	Steam Turbine	Existing			
ISO-NE	ME	VERSOCOGEN#1	1	100377	52.3	52.3	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	VERSOCOGEN#2	2	100378	52.3	49.7	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	VERSOCOGEN#3	3	100379	52.3	49.7	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	RUMFORD PA C	C1	100381	179	179	Nat Gas	Combined- Cycle	Existing			
ISO-NE	ME	RUMFORD PA S	S1	100382	93	93	Nat Gas	Combined- Cycle	Existing			
ISO-NE	ME	WESTBROOK C1	C1	100386	172.2	172.2	Nat Gas	Combined- Cycle	Existing			
ISO-NE	ME	WESTBROOK C2	C2	100387	172.2	172.2	Nat Gas	Combined- Cycle	Existing			
ISO-NE	ME	WESTBROOK ST	S1	100388	195.7	186.7	Nat Gas	Combined- Cycle	Existing			
ISO-NE	ME	BUCKSPORT G4	4	100389	166	160	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	SAPPI WBRK 9	9	100418	51	50	Oil	Steam Turbine	Existing			
ISO-NE	ME	VERSO JAY A	1	100420	34.5	20.5	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	VERSO JAY B	1	100421	34.5	22.5	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	SAPPI SMSTG1	1	100422	50.5	50.5	Oil	Steam Turbine	Existing			
ISO-NE	ME	SAPPI SMSTG2	2	100423	62	45	Oil	Steam Turbine	Existing			



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ISO-NE	ME	VERSO BKSPG3	3	100424	72	72	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	NEWPAGE COGN	4	100425	110	110	Nat Gas	Combined-Cycle	Existing			
ISO-NE	ME	VERSO JAY C	1	100432	39.6	30.8	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	GULF IS HYD	1	100462	21.4	21.4	Hydro	Hydro - Pondage	Existing			
ISO-NE	ME	QP197 STRNG1	1	100707	25.3	25.3	Wind	Wind Turbine	Planned	2011		
ISO-NE	ME	QP197 STRNG2	2	100708	25.3	25.3	Wind	Wind Turbine	Planned	2011		
ISO-NE	ME	MIS G1	C1	103060	176.63	144.64	Nat Gas	Combined-Cycle	Existing			
ISO-NE	ME	MIS G2	C2	103061	176.63	144.64	Nat Gas	Combined-Cycle	Existing			
ISO-NE	ME	MIS ST	S1	103062	198.05	153.68	Nat Gas	Combined-Cycle	Existing			
ISO-NE	ME	INDECK 5GT	5	103067	27.5	20.1	Nat Gas	Gas Turbine	Existing			
ISO-NE	ME	MILL2 STEAM	3	103125	30	30	Biomass	Steam Turbine	Existing			
ISO-NE	ME	QP221-1_CLR2	2	103157	21.6	0	Wind	Wind Turbine	Planned	2012		
ISO-NE	NH	GRANITE DIX	7	105166	21	21	Wind	Wind Turbine	Planned	2011		
ISO-NE	NH	GRANITE OWLS	14	105167	42	42	Wind	Wind Turbine	Planned	2011		
ISO-NE	NH	GRANITE FISH	12	105168	36	36	Wind	Wind Turbine	Planned	2011		
ISO-NE	NH	TAMWORTH GEN	1	105276	20	20	Biomass	Steam Turbine	Existing			
ISO-NE	NH	MERRIMACK_G1	1	105385	112.5	109.5	Coal	Steam Turbine	Existing			
ISO-NE	NH	MERRIMACK_G2	2	105386	320	310	Coal	Steam Turbine	Existing			
ISO-NE	NH	SCHILLER_G4	4	105450	50	48	Coal	Steam Turbine	Existing			
ISO-NE	NH	SCHILLER_G5	5	105451	50	50	Biomass	Steam Turbine	Existing			
ISO-NE	NH	SCHILLER_G6	6	105452	50	48	Coal	Steam Turbine	Existing			
ISO-NE	NH	NEWINGTON_G1	1	105464	422	0	Nat Gas	Steam Turbine	Existing			
ISO-NE	NH	NEWINGTON_C1	C1	105476	185.674	169	Nat Gas	Combined-Cycle	Existing			
ISO-NE	NH	NEWINGTON_C2	C2	105477	185.674	169	Nat Gas	Combined-Cycle	Existing			
ISO-NE	NH	NEWINGTON_S1	S1	105478	234.315	195	Nat Gas	Combined-Cycle	Existing			
ISO-NE	NH	SEABROOK_G1	1	105568	1318	1318	Nuclear	Steam Turbine	Existing			
ISO-NE	NH	GRANITE R ST	S1	105633	225.6	225.6	Nat Gas	Combined-Cycle	Existing			



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ISO-NE	NH	COMERFORD G1	1	106040	41	31	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	COMERFORD G2	2	106041	41	41	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	COMERFORD G3	3	106042	41	31	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	COMERFORD G4	4	106043	41	41	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	MOORE G1	1	106044	48	48	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	MOORE G2	2	106045	48	40	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	MOORE G3	3	106046	48	38	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	MOORE G4	4	106047	48	30	Hydro	Hydro - Pondage	Existing			
ISO-NE	NH	GRANITE RDG1	C1	106056	217.12	217.12	Nat Gas	Combined-Cycle	Existing			
ISO-NE	NH	GRANITE RDG2	C2	106057	217.12	217.12	Nat Gas	Combined-Cycle	Existing			
ISO-NE	VT	SWANTON GT	1	108894	21.2	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	VT	SWANTON GT	2	108894	21.2	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	VT	BERLIN GT	1	108895	57.1	0	Diesel	Combustion Turbine	Existing			
ISO-NE	VT	SHEFLD CLR-N	1	108898	30	30	Wind	Wind Turbine	Under Construction	2010		
ISO-NE	VT	VT YANKEE	1	109150	667	667	Nuclear	Steam Turbine	Existing			
ISO-NE	VT	JC MCNEIL	1	109160	51	51	Biomass	Steam Turbine	Existing			
ISO-NE	VT	RYEGATE WOOD	1	109170	20	20	Biomass	Steam Turbine	Existing			
ISO-NE	MA	W MEDWAY JET	1	110951	43	0	Oil	Steam Turbine	Existing			
ISO-NE	MA	W MEDWAY JET	2	110951	43	0	Oil	Steam Turbine	Existing			
ISO-NE	MA	MYSTIC 7GT	7	111063	617	0	Nat Gas	Steam Turbine	Existing			
ISO-NE	MA	MYSTIC GT 8A	8A	111067	290	230	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	MYSTIC 8ST	8C	111068	290	290	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	MYSTIC GT 9A	9A	111069	230	230	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	MYSTIC 9ST	9C	111070	290	290	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	MYSTIC GT 8B	8B	111071	230	230	Nat Gas	Combined-Cycle	Existing			



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ISO-NE	MA	MYSTIC GT 9B	9B	111072	230	200	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	W MEDWAY J3	3	111083	43	0	Oil	Steam Turbine	Existing			
ISO-NE	MA	NEA BELL GT1	C1	111084	111	95	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	NEA BELL GT2	C2	111085	110	95	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	NEA BELL ST1	S1	111086	129.06	80	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	EDGAR ST	S1	111092	311.1	311.1	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	EDGAR GT1	C1	111093	250	200.2	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	PILGRIM	1	111094	677	677	Nuclear	Steam Turbine	Existing			
ISO-NE	MA	ANP BLKSTN 1	1	111095	290	290	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	ANP BLKSTN 2	2	111096	290	290	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	EDGAR GT2	C2	111097	276.2	276.2	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	KENDALL CT	4	111126	186.15	0	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	SEMASS G1	1	111188	55	47.7	Biomass	Steam Turbine	Existing			
ISO-NE	MA	SEMASS G2	2	111189	26	22.5	Biomass	Steam Turbine	Existing			
ISO-NE	MA	CANAL G1	1	111251	585.9	0	Oil	Steam Turbine	Existing			
ISO-NE	MA	CANAL G2	2	111252	588	0	Oil	Steam Turbine	Existing			
ISO-NE	MA	DARTMTH PWRA	C1	111316	42.642	42.642	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	DARTMTH PWRB	C3	111317	25	24	Nat Gas	Gas Turbine	Existing			
ISO-NE	MA	CAPE W CLR-1	1	111380	126	126	Wind	Wind Turbine	Planned			ISD under negotiation
ISO-NE	MA	CAPE W CLR-2	2	111381	108	108	Wind	Wind Turbine	Planned			ISD under negotiation
ISO-NE	MA	CAPE W CLR-3	3	111382	126	126	Wind	Wind Turbine	Planned			ISD under negotiation
ISO-NE	MA	CAPE W CLR-4	4	111383	108	108	Wind	Wind Turbine	Planned			ISD under negotiation
ISO-NE	MA	TA WATSON 1	1	111722	58	58	Nat Gas	Gas Turbine	Existing			
ISO-NE	MA	TA WATSON 2	2	111723	58	58	Nat Gas	Gas Turbine	Existing			
ISO-NE	MA	POTTER 2 CT	C2	111728	76	76	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	BEARSWAMP G1	1	113096	333	220	Hydro	Pumped Storage	Existing			



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ISO-NE	MA	BEARSWAMP G2	2	113097	294	220	Hydro	Pumped Storage	Existing			
ISO-NE	MA	WMI MILLBURY	1	113404	47.6	39.39	Biomass	Steam Turbine	Existing			
ISO-NE	MA	MILLENIUUM CT	C1	113405	273	273	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	MILLENIUUM ST	S1	113406	117	117	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	LENERGIA CT	C1	114047	65	65	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	LENERGIA ST	S1	114048	20	20	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	CPC LOWELL	1	114068	25	23.8	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	WHLABRATR NA	1	114069	31.79	31.79	Biomass	Steam Turbine	Existing			
ISO-NE	MA	OGDEN-MARTIN	1	114070	49	30	Biomass	Steam Turbine	Existing			
ISO-NE	MA	RESCO-SAUGUS	1	114465	57.6	29.94	Biomass	Steam Turbine	Existing			
ISO-NE	MA	SALEM HBR G1	1	114466	81	79	Coal	Steam Turbine	Existing			
ISO-NE	MA	SALEM HBR G2	2	114467	78	78	Coal	Steam Turbine	Existing			
ISO-NE	MA	SALEM HBR G3	3	114468	143	0	Coal	Steam Turbine	Existing			
ISO-NE	MA	SALEM HBR G4	4	114469	475.2	0	Oil	Steam Turbine	Existing			
ISO-NE	MA	WATERS RVRJ1	1	114713	44.6	0	Diesel	Combustion Turbine	Existing			
ISO-NE	MA	BRAYTN PT 3	3	114855	605	434.4272	Coal	Steam Turbine	Existing			
ISO-NE	MA	BRAYTN PT 4	4	114856	425	421	Oil	Steam Turbine	Existing			
ISO-NE	MA	BRAYTN PT 1	1A	114857	139.8	138.04	Coal	Steam Turbine	Existing			
ISO-NE	MA	BRAYTN PT 1	1B	114857	139.8	99.96	Coal	Steam Turbine	Existing			
ISO-NE	MA	MILFRD MA CT	C1	114858	129.06	108	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	MILFRD MA ST	S1	114859	102.26	44	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	BRAYTN PT 2	2A	114860	139.8	134.56	Coal	Steam Turbine	Existing			
ISO-NE	MA	BRAYTN PT 2	2B	114860	139.8	97.44	Coal	Steam Turbine	Existing			
ISO-NE	MA	ANP BLLNGHM1	1	114861	289	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	MA	ANP BLLNGHM2	2	114862	289	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	MA	CLEARY G9	C9	115690	90	85	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	QP216-1 G10	10	115691	188	188	Nat Gas	Combined-	Planned	2013		



									Cycle				
ISO-NE	MA	QP216-1 G10A	0A	115692	102	102	Nat Gas		Combined-Cycle	Planned	2013		
ISO-NE	MA	SOMERSET G6	6	115740	109	0	Coal		Steam Turbine	Existing			
ISO-NE	MA	DIGHTON PWR	1	115742	185	185	Nat Gas		Gas Turbine	Existing			
ISO-NE	MA	NORTHFIELD 1	1	116411	270	175	Hydro		Pumped Storage	Existing			
ISO-NE	MA	NORTHFIELD 2	2	116412	270	175	Hydro		Pumped Storage	Existing			
ISO-NE	MA	NORTHFIELD 3	3	116413	270	175	Hydro		Pumped Storage	Existing			
ISO-NE	MA	NORTHFIELD 4	4	116414	270	175	Hydro		Pumped Storage	Existing			
ISO-NE	MA	STONY BRK 1A	1A	116417	65	65	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	STONY BRK 1B	1B	116418	65	65	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	STONY BRK 1C	1C	116419	65	65	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	STONY BRK 1S	1S	116420	87	85	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	STONY BRK 2A	2A	116421	65	0	Diesel		Combustion Turbine	Existing			
ISO-NE	MA	STONY BRK 2B	2B	116422	65	0	Diesel		Combustion Turbine	Existing			
ISO-NE	MA	MONSANTO_C1	C1	116438	84	83.109	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	MONSANTO_S1	S1	116439	77.782	77.782	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	MONSANTO_C2	C2	116440	84	83.109	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	HADLEY FALLS	1	116452	26	26	Hydro		Run-of-River	Existing			
ISO-NE	MA	W-SPRNGFLD-1	1	116492	60.5	0	Nat Gas		Gas Turbine	Existing			
ISO-NE	MA	W-SPRNGFLD-2	2	116493	60.5	0	Nat Gas		Gas Turbine	Existing			
ISO-NE	MA	W-SPRNGFLD-3	3	116494	107	107	Oil		Steam Turbine	Existing			
ISO-NE	MA	BERKSHRE_G1	1	116505	305	280	Nat Gas		Combined-Cycle	Existing			
ISO-NE	MA	MOUNT TOM_G1	1	116523	146	146	Coal		Steam Turbine	Existing			
ISO-NE	MA	RUSSELL BIO	1	116563	60	60	Biomass		Steam Turbine	Planned	2013		
ISO-NE	MA	ALTRESCO_C1	1	116618	32.5	32.5	Nat Gas		Combined-Cycle	Existing			



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ISO-NE	MA	ALTRESCO_C2	2	116619	32.5	32.5	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	ALTRESCO_C3	3	116620	32.5	32.5	Nat Gas	Combined-Cycle	Existing			
ISO-NE	MA	ALTRESCO_C4	4	116621	48.5	48.5	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	OCEAN ST GT1	C1	117029	77.3	77	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	OCEAN ST GT2	C2	117030	77.3	77	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	OCEAN ST ST1	S1	117031	107.5	99	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	OCEAN ST GT3	C3	117032	77.3	77	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	OCEAN ST GT4	C4	117033	77.3	77	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	OCEAN ST ST2	S2	117034	107.5	99	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	MANCHSTR 09A	9	117426	119	100	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	MANCHSTR 10A	10	117427	119	100	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	MANCHSTR 11A	11	117428	119	100	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	PAWTUCKET PWR	C1	117430	41.85	40.32	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	PAWTUCKET PWR	S1	117430	41.85	22.68	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	FRNKLSQ SC1	9	117431	46	42	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	FRNKLSQ SC2	10	117432	46	42	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	FRNKLSQ SC3	11	117433	46	41	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	TIVERTON GT	C1	117434	189	189	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	TIVERTON ST	S1	117435	92	92	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	RISE CT1	C1	117436	188.2	176	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	RISE ST	S1	117437	215.8	196	Nat Gas	Combined-Cycle	Existing			
ISO-NE	RI	RISE CT2	C2	117438	188.2	176	Nat Gas	Combined-Cycle	Existing			
ISO-NE	CT	LAKE ROAD_C1	1	121513	280	280	Nat Gas	Combined-Cycle	Existing			



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ISO-NE	CT	LAKE ROAD_C2	2	121514	305	305	Nat Gas	Combined-Cycle	Existing			
ISO-NE	CT	LAKE ROAD_C3	3	121515	305	305	Nat Gas	Combined-Cycle	Existing			
ISO-NE	CT	EXETER TIRE	1	121550	26	21.38	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	PLAINFIELD	1	121560	43	43	Biomass	Steam Turbine	Planned	2014		
ISO-NE	CT	TUNNEL JET	10	121570	18.5	0	Diesel	Combustion Turbine	Existing			
ISO-NE	CT	MONTVILLE_G5	5	121645	81	81	Oil	Steam Turbine	Existing			
ISO-NE	CT	MONTVILLE_G6	6	121646	410	0	Oil	Steam Turbine	Existing			
ISO-NE	CT	MILLSTONE_G2	2	121656	939.9999	939.9999	Nuclear	Steam Turbine	Existing			
ISO-NE	CT	MILLSTONE_G3	3	121657	1276	1276	Nuclear	Steam Turbine	Existing			
ISO-NE	CT	AES THAMES	1	121667	182.3	180	Coal	Steam Turbine	Existing			
ISO-NE	CT	DEXTER CT	1	121865	27	27	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	RIVERSIDE PF	1	121931	26	26	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	S-MEADOW_G5	5	121943	32	32	Biomass	Steam Turbine	Existing			
ISO-NE	CT	S-MEADOW_G6	6	121944	32	32	Biomass	Steam Turbine	Existing			
ISO-NE	CT	S-MEADOW_G11	11	121945	41.85	0	Diesel	Combustion Turbine	Existing			
ISO-NE	CT	S-MEADOW_G12	12	121946	41.85	0	Diesel	Combustion Turbine	Existing			
ISO-NE	CT	S-MEADOW_G13	13	121947	41.85	0	Diesel	Combustion Turbine	Existing			
ISO-NE	CT	S-MEADOW_G14	14	121948	41.85	0	Diesel	Combustion Turbine	Existing			
ISO-NE	CT	CDECCA	C1	121964	32	28.2	Nat Gas	Combined-Cycle	Existing			
ISO-NE	CT	CDECCA	S1	121964	32	21.8	Nat Gas	Combined-Cycle	Existing			
ISO-NE	CT	KLEEN_C1	C1	122030	158	158	Nat Gas	Combined-Cycle	Planned	2011		
ISO-NE	CT	KLEEN_C2	C2	122031	158	158	Nat Gas	Combined-Cycle	Planned	2011		
ISO-NE	CT	KLEEN_S1	S1	122032	318	318	Nat Gas	Combined-Cycle	Planned	2011		
ISO-NE	CT	MIDDLETWN_G2	2	122041	117	117	Oil	Steam Turbine	Existing			
ISO-NE	CT	MIDDLETWN_G3	3	122042	233	233	Oil	Steam Turbine	Existing			
ISO-NE	CT	MIDDLETWN_G4	4	122043	400	0	Oil	Steam Turbine	Existing			



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ISO-NE	CT	MIDDLETWN_11	11	122045	112	0	Nat Gas	Gas Turbine	Planned	2011		
ISO-NE	CT	MIDDLETWN_12	12	122046	50	0	Nat Gas	Gas Turbine	Planned	2011		
ISO-NE	CT	MIDDLETWN_13	13	122047	50	0	Nat Gas	Gas Turbine	Planned	2011		
ISO-NE	CT	MIDDLETWN_14	14	122048	50	0	Nat Gas	Gas Turbine	Planned	2011		
ISO-NE	CT	MIDDLETWN_15	15	122049	50	0	Nat Gas	Gas Turbine	Planned	2011		
ISO-NE	CT	MERIDEN GT1	C1	122310	182	182	Nat Gas	Combined-Cycle	Planned	2012		
ISO-NE	CT	MERIDEN GT2	C2	122311	182	182	Nat Gas	Combined-Cycle	Planned	2012		
ISO-NE	CT	MERIDEN ST	S1	122312	170	170	Nat Gas	Combined-Cycle	Planned	2012		
ISO-NE	CT	WALLINGFRDG1	1	122448	60.5	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	WALLINGFRDG2	2	122449	60.5	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	WALLINGFRDG3	3	122450	60.5	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	WALLINGFRDG4	4	122451	60.5	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	WALLINGFRDG5	5	122452	60.5	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #11	11	122470	40	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #12	12	122471	40	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #13	13	122472	40	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #14	14	122473	40	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #15-16	15	122476	50	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #15-16	16	122476	50	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #17-18	17	122477	50	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	DEVON #17-18	18	122477	50	0	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	MILFORD_C1	1	122481	280	280	Nat Gas	Combined-Cycle	Existing			
ISO-NE	CT	MILFORD_C2	2	122482	280	280	Nat Gas	Combined-Cycle	Existing			
ISO-NE	CT	A.L. PIERCE	1	122542	86.54	86.3	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	WATERBURY_G	1	122583	98.4	98.4	Nat Gas	Gas Turbine	Existing			
ISO-NE	CT	STEVENSON HY	1	122625	24	24	Hydro	Hydro - Pondage	Existing			
ISO-NE	CT	QP191-2	1	122630	30	30	Biomass	Steam Turbine	Planned	2010		
ISO-NE	CT	ROCKY RIVER	1	122657	31	25	Hydro	Pumped	Existing			



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									Storage				
ISO-NE	CT	SHEPAUG HYD	1	122690	50	32	Hydro	Hydro - Pondage	Existing				
ISO-NE	CT	NORHRBR #1	1	122844	148	0	Oil	Steam Turbine	Existing				
ISO-NE	CT	NORHRBR #2	2	122845	148	0	Oil	Steam Turbine	Existing				
ISO-NE	CT	WATERSIDE_G	1	122911	27.4	23	Oil	Steam Turbine	Existing				
ISO-NE	CT	WATERSIDE_G	2	122911	27.4	23	Oil	Steam Turbine	Existing				
ISO-NE	CT	WATERSIDE_G	3	122911	27.4	23	Oil	Steam Turbine	Existing				
ISO-NE	CT	QP104-1 G1	1	122912	60.8	0	Nat Gas	Gas Turbine	Planned	2011			
ISO-NE	CT	QP104-1 G2	2	122913	60.8	0	Nat Gas	Gas Turbine	Planned	2011			
ISO-NE	CT	QP104-1 G3	3	122914	60.8	0	Nat Gas	Gas Turbine	Planned	2011			
ISO-NE	CT	COSCOB_GEN	10	122933	18	0	Diesel	Combustion Turbine	Existing				
ISO-NE	CT	COSCOB_GEN	11	122933	18	0	Diesel	Combustion Turbine	Existing				
ISO-NE	CT	COSCOB_GEN	12	122933	18	0	Diesel	Combustion Turbine	Existing				
ISO-NE	CT	COSCOB_GEN	13	122933	18	0	Diesel	Combustion Turbine	Existing				
ISO-NE	CT	COSCOB_GEN	14	122933	18	0	Diesel	Combustion Turbine	Existing				
ISO-NE	CT	ANSONIA GEN	C1	123157	54.5	54.5	Nat Gas	Combined-Cycle	Planned	2012			
ISO-NE	CT	BRPT EN 10ST	10	123641	180	180	Nat Gas	Combined-Cycle	Existing				
ISO-NE	CT	BRPT HRBR 4	4	123642	18.5	0	Diesel	Combustion Turbine	Existing				
ISO-NE	CT	BRPT RESCO_G	1	123643	59.45	57	Biomass	Steam Turbine	Existing				
ISO-NE	CT	BRPT EN 11CT	11	123644	170	90	Nat Gas	Combined-Cycle	Existing				
ISO-NE	CT	BRPT EN 12CT	12	123645	170	170	Nat Gas	Combined-Cycle	Existing				
ISO-NE	CT	BRPT HRBR 2	2	123651	170	170	Oil	Steam Turbine	Existing				
ISO-NE	CT	BRPT HRBR 3	3	123652	400	375	Oil	Steam Turbine	Existing				
ISO-NE	CT	NEW HAVN HBR	1	123653	447	447	Nat Gas	Steam Turbine	Existing				
JEA	FL	Kennedy CT 7	1	404517	150.0	0.0	Natural Gas	Combustion turbine	Existing	Existing	No		
JEA	FL	Kennedy CT 8	1	404518	159.0	120.0	Natural Gas	Combustion turbine	Existing	Existing	No		



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JEA	FL	Northside CT 3	3	404530	53.0	0.0	Diesel Oil	Combustion turbine	Existing	Existing	No	
JEA	FL	Northside CT 4	4	404530	53.0	0.0	Diesel Oil	Combustion turbine	Existing	Existing	No	
JEA	FL	Northside CT 5	5	404531	53.0	0.0	Diesel Oil	Combustion turbine	Existing	Existing	No	
JEA	FL	Northside CT 6	6	404531	53.0	0.0	Diesel Oil	Combustion turbine	Existing	Existing	No	
JEA	FL	Brandy Branch CT 1	1	404532	150.0	0.0	Natural Gas	Combustion turbine	Existing	Existing	No	
JEA	FL	Brandy Branch CT 2	1	404533	150.0	150.0	Natural Gas	Combustion turbine	Existing	Existing	No	
JEA	FL	Brandy Branch CT 3	1	404534	150.0	150.0	Natural Gas	Combustion turbine	Existing	Existing	No	
JEA	FL	Brandy Branch ST 4	1	404535	201.0	201.0	Steam	2x1 Combined cycle	Existing	Existing	No	2x1 Combined cycle with Brandy Branch CT 2 & 3
JEA	FL	Northside 1	1	404540	293.0	293.0	Coal	Steam turbine	Existing	Existing	No	
JEA	FL	Northside 2	1	404541	293.0	293.0	Coal	Steam turbine	Existing	Existing	No	
JEA	FL	Northside 3	1	404542	523.0	494.0	Natural Gas	Steam turbine	Existing	Existing	No	
JEA	FL	GEC CT 1	30	404551	150.0	150.0	Natural Gas	Combustion turbine	Under Construction	June 1, 2011	No	GEC = Greenland Energy Center
JEA	FL	GEC CT 2	30	404552	150.0	150.0	Natural Gas	Combustion turbine	Under Construction	June 1, 2011	No	
JEA	FL	GEC ST 3	30	404553	201.0	201.0	Steam	2x1 Combined cycle	Conceptual	June 1, 2020	No	2x1 Combined cycle with GEC CT 1 & 2
JEA	FL	St. Johns 1	1	404561	626.0	626.0	Coal	Steam turbine	Existing	Existing	No	
JEA	FL	St. Johns 2	1	404562	626.0	626.0	Coal	Steam turbine	Existing	Existing	No	
MISO	OH	02ASHTG5 18.000	5	238545	254.0	254.0	ST Coal		Existing			
MISO	OH	02AVG10 13.800	10	239267	24	24	CT Oil		Existing			
MISO	OH	02AVONG7 13.800	7	238554	102.0	102.0	ST Coal		Existing			
MISO	OH	02AVONG9 20.000	9	238555	665.0	665.0	ST Coal		Existing			
MISO	OH	02BAYSG1 18.000	1	238564	159.0	159.0	ST Coal		Existing			
MISO	OH	02BAYSG2 18.000	2	238565	146.0	146.0	ST Coal		Existing			
MISO	OH	02BAYSG3 18.000	3	238566	134.0	134.0	ST Coal		Existing			
MISO	OH	02BAYSG4 20.000	4	238567	229.0	229.0	ST Coal		Existing			
MISO	OH	02BEAVGA 13.800	A	238571	60.0	60.0	CT Oil		Existing			



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MISO	OH	02BEAVGB	13.800	B	238572	60	60	CT Oil		Existing			
MISO	OH	02BURGG3	13.800	3	238591	67	67	ST Coal		Existing			
MISO	OH	02BURGG4	18.000	4	238592	167	167	ST Coal		Existing			
MISO	OH	02BURGG5	18.000	5	238593	163	163	ST Coal		Existing			
MISO	OH	02CALPG1	18.000	1	238601	180	180	CC		Existing			
MISO	OH	02CALPG2	18.000	2	238602	180	180	CC		Existing			
MISO	OH	02CALPG3	18.000	3	238603	325	325	CC		Existing			
MISO	OH	02CLARKA	13.800	A	239200	22	22	CT Oil		Existing			
MISO	OH	02CLARKB	13.800	B	239201	25	25	CT Oil		Existing			
MISO	OH	02DAV-BE	345.00	1	238654	375	18.75	Wind		Conceptual		Yes	
MISO	OH	02DVBSG1	25.000	1	238670	947.9999	945	Nuclear		Existing			
MISO	OH	02EASTG1	18.000	1	238679	147	147	ST Coal		Existing			
MISO	OH	02EASTG2	18.000	2	238680	145	142	ST Coal		Existing			
MISO	OH	02EASTG3	18.000	3	238681	147	147	ST Coal		Existing			
MISO	OH	02EASTG4	18.000	4	238682	261	260	ST Coal		Existing			
MISO	OH	02EASTG5	24.000	5	238683	637	635	ST Coal		Existing			
MISO	OH	02EASTG6	13.200	6	239203	24	24	CT Oil		Existing			
MISO	OH	02LEMOG1	18.000	1	238885	151	151	CT Gas		Existing			
MISO	OH	02LEMOG2	18.000	2	238886	151	151	CT Gas		Existing			
MISO	OH	02LEMOG3	18.000	3	238887	151	151	CT Gas		Existing			
MISO	OH	02LEMOG4	18.000	4	238888	151	151	CT Gas		Existing			
MISO	OH	02LKDG18	18.000	18	238900	230	230	ST Coal		Existing			
MISO	OH	02MNFDG1	18.000	1	238965	905	905	ST Coal		Existing			
MISO	OH	02MNFDG2	18.000	2	238966	905	905	ST Coal		Existing			
MISO	OH	02MNFDG3	18.000	3	238967	870	833.5013	ST Coal		Existing			
MISO	OH	02NILE-A	13.800	A	239214	25	25	CT Oil		Existing			
MISO	OH	02NILEG1	16.500	1	239006	108	108	ST Coal		Existing			
MISO	OH	02NILEG2	16.500	2	239007	115	108	ST Coal		Existing			
MISO	OH	02NWCAG3	14.400	3	239022	93	93	ST Coal		Existing			



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MISO	OH	02NWCAG4	14.400	4	239023	93	93	ST Coal		Existing			
MISO	OH	02NWCAG5	16.500	5	239024	132	132	ST Coal		Existing			
MISO	OH	02PERRG1	22.000	1	239035	1291	1290	Nuclear		Existing			
MISO	OH	02RICHG1	13.800	1	239064	10	10	CT Oil		Existing			
MISO	OH	02RICHG2	13.800	2	239065	10	10	CT Oil		Existing			
MISO	OH	02RICHG3	13.800	3	239066	10	10	CT Oil		Existing			
MISO	OH	02RICHG4	13.800	4	239067	104	104	CT Gas		Existing			
MISO	OH	02RICHG5	13.800	5	239068	97	97	CT Gas		Existing			
MISO	OH	02RICHG6	13.800	6	239069	106	106	CT Gas		Existing			
MISO	OH	02SAMMG1	20.000	1	239085	195	195	ST Coal		Existing			
MISO	OH	02SAMMG2	20.000	2	239086	196	196	ST Coal		Existing			
MISO	OH	02SAMMG3	20.000	3	239087	194	193	ST Coal		Existing			
MISO	OH	02SAMMG4	20.000	4	239088	194	194	ST Coal		Existing			
MISO	OH	02SAMMG5	24.000	5	239089	321	320	ST Coal		Existing			
MISO	OH	02SAMMG6	20.000	6	239090	630	629	ST Coal		Existing			
MISO	OH	02SAMMG7	20.000	7	239091	634	634	ST Coal		Existing			
MISO	OH	02SAMMIS	138.00	D	239093	13	12	CT Oil		Existing			
MISO	IN	07LCPGD1	13.800	1	248893	47	42.5	CT Gas		Existing			
MISO	IN	07LCPGD1	13.800	2	248893	47	42.5	CT Gas		Existing			
MISO	IN	07LCPGD2	13.800	1	248894	47	42.5	CT Gas		Existing			
MISO	IN	07LCPGD2	13.800	2	248894	47	42.5	CT Gas		Existing			
MISO	IN	07LCPGD3	13.800	1	248895	47	42.5	CT Gas		Existing			
MISO	IN	07LCPGD3	13.800	2	248895	47	42.5	CT Gas		Existing			
MISO	IN	07MEROM5	345.00	1	248773	507	477.6461	ST Coal		Existing			
MISO	IN	07MEROM5	345.00	2	248773	493	487.595	ST Coal		Existing			
MISO	IN	07RAT_1G	13.800	1	248903	126	123	ST Coal		Existing			
MISO	IN	07WORTH1	13.800	1	248889	47	41.75	CT Gas		Existing			
MISO	IN	07WORTH1	13.800	2	248889	47	41.75	CT Gas		Existing			
MISO	IN	07WORTH2	13.800	1	248890	47	41.75	CT Gas		Existing			



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MISO	IN	07WORTH2	13.800	2	248890	47	41.75	CT Gas		Existing			
MISO	IN	08BCKJD2	13.800	2	251934	94	94	ST Coal		Existing			
MISO	IN	08BCKJD3	18.000	3	251935	128	128	ST Coal		Existing			
MISO	IN	08BCKJD4	18.000	4	251936	150	150	ST Coal		Existing			
MISO	IN	08BCKJD5	22.000	5	251937	238	151.9023	ST Coal		Existing			
MISO	IN	08BCKJD6	24.000	6	251938	414	414	ST Coal		Existing			
MISO	IN	08BECJD1	13.800	1	251939	94	94	ST Coal		Existing			
MISO	IN	08BKJGT1	13.800	1	251940	48.6	0	CT Oil		Existing			
MISO	IN	08BKJGT2	13.800	2	251941	48.6	0	CT Oil		Existing			
MISO	IN	08BKJGT3	13.800	3	251942	48.6	0	CT Oil		Existing			
MISO	IN	08BKJGT4	13.800	4	251943	48.6	0	CT Oil		Existing			
MISO	IN	08CAY1	18.000	1	251849	492	492	ST Coal		Existing			
MISO	IN	08CAY2	18.000	2	251850	495	495	ST Coal		Existing			
MISO	IN	08CAYCT4	13.800	4	251851	99	99	CT Gas		Existing			
MISO	IN	08CONRSV	13.800	1	251852	43	0	CT Oil		Existing			
MISO	IN	08CONRSV	13.800	2	251852	43	0	CT Oil		Existing			
MISO	IN	08D.CRK1	10.000	1	251944	85	85	CT Gas		Existing			
MISO	IN	08D.CRK3	13.000	3	251945	14.2	14	CT Gas		Existing			
MISO	IN	08D.CRK4	13.000	4	251946	15	15	CT Oil		Existing			
MISO	IN	08D.CRK4	13.000	5	251946	15	15	CT Oil		Existing			
MISO	IN	08DESTEC	18.000	1	251853	177	177	IGCC		Existing			
MISO	IN	08EBND2	20.000	2	251947	600	600	ST Coal		Existing			
MISO	IN	08EDWCT1	18.000	G1	251901	232	232	IGCC coal gasification		Existing			
MISO	IN	08EDWCT2	18.000	G2	251902	232	232	IGCC coal gasification		Existing			
MISO	IN	08EDWST	18.000	ST	251903	323	323	IGCC HRSG		Existing			
MISO	IN	08GALL1	18.000	1	251857	140	140	ST Coal		Existing			
MISO	IN	08GALL2	18.000	2	251858	140	140	ST Coal		Existing			
MISO	IN	08GALL3	18.000	3	251859	140	140	ST Coal		Existing			
MISO	IN	08GALL4	18.000	4	251860	140	140	ST Coal		Existing			



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MISO	IN	08GIB1	24.000	1	251861	630	630	ST Coal	Existing			
MISO	IN	08GIB2	24.000	2	251862	630	630	ST Coal	Existing			
MISO	IN	08GIB3	24.000	3	251863	630	630	ST Coal	Existing			
MISO	IN	08GIB4	24.000	4	251864	622	622	ST Coal	Existing			
MISO	IN	08GIB5	24.000	5	251865	620	620	ST Coal	Existing			
MISO	IN	08HENRY1	13.800	1	251866	43	43	CT Gas	Existing			
MISO	IN	08HENRY2	13.800	2	251867	43	43	CT Gas	Existing			
MISO	IN	08HENRY3	13.800	3	251868	43	43	CT Gas	Existing			
MISO	IN	08M.FRT6	18.000	6	251949	163	163	ST Coal	Existing			
MISO	IN	08M.FRT7	22.000	7	251950	510	510	ST Coal	Existing			
MISO	IN	08M.FRT8	22.000	8	251951	510	510	ST Coal	Existing			
MISO	IN	08MADSN1	13.800	1	251952	72	72	CT Gas	Existing			
MISO	IN	08MADSN2	13.800	2	251953	72	72	CT Gas	Existing			
MISO	IN	08MADSN3	13.800	3	251954	72	72	CT Gas	Existing			
MISO	IN	08MADSN4	13.800	4	251955	72	72	CT Gas	Existing			
MISO	IN	08MADSN5	13.800	5	251956	72	72	CT Gas	Existing			
MISO	IN	08MADSN6	13.800	6	251957	72	72	CT Gas	Existing			
MISO	IN	08MADSN7	13.800	7	251958	72	72	CT Gas	Existing			
MISO	IN	08MADSN8	13.800	8	251959	72	72	CT Gas	Existing			
MISO	IN	08NBLSV3	13.800	3	251870	65	65	CC	Existing			
MISO	IN	08NBLSV4	13.800	4	251871	65	65	CC	Existing			
MISO	IN	08NBLSV5	13.800	5	251872	65	65	CC	Existing			
MISO	IN	08SUGC10	18.000	S1	251875	205	205	CC	Existing			
MISO	IN	08SUGC1A	18.000	G1	251876	165	165	CC	Existing			
MISO	IN	08SUGC1B	18.000	G2	251877	165	165	CC	Existing			
MISO	IN	08VERML1	13.800	1	251878	71	71	CT Gas	Existing			
MISO	IN	08VERML2	13.800	2	251879	71	71	CT Gas	Existing			
MISO	IN	08VERML3	13.800	3	251880	71	71	CT Gas	Existing			
MISO	IN	08VERML4	13.800	4	251881	71	71	CT Gas	Existing			



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MISO	IN	08VERML5	13.800	5	251882	71	71	CT Gas	Existing			
MISO	IN	08VERML6	13.800	6	251883	71	71	CT Gas	Existing			
MISO	IN	08VERML7	13.800	7	251884	71	71	CT Gas	Existing			
MISO	IN	08VERML8	13.800	8	251885	71	71	CT Gas	Existing			
MISO	IN	08WABR1	13.800	1	251887	83	83	IGCC HRSG unit	Existing			
MISO	IN	08WABR4	13.800	4	251890	85	85	ST Coal	Existing			
MISO	IN	08WABR6	24.000	6	251893	318	318	ST Coal	Existing			
MISO	IN	08WBSHC1	13.800	1	251894	16	0	CT Oil	Existing			
MISO	IN	08WBSHC1	13.800	2	251894	16	0	CT Oil	Existing			
MISO	IN	08WBSHC3	13.800	3	251895	16	0	CT Oil	Existing			
MISO	IN	08WBSHC3	13.800	4	251895	16	0	CT Oil	Existing			
MISO	IN	08WBSHC5	13.800	5	251896	16	0	CT Oil	Existing			
MISO	IN	08WBSHC5	13.800	6	251896	16	0	CT Oil	Existing			
MISO	IN	08WHTLD1	13.800	1	251897	115	115	CT Gas	Existing			
MISO	IN	08WHTLD2	13.800	2	251898	115	115	CT Gas	Existing			
MISO	IN	08WHTLD3	13.800	3	251899	115	115	CT Gas	Existing			
MISO	IN	08WHTLD4	13.800	4	251900	115	115	CT Gas	Existing			
MISO	IN	08WSDLE1	13.800	G	251962	77	77	CT Gas	Existing			
MISO	IN	08WSDLE2	13.800	G	251963	77	77	CT Gas	Existing			
MISO	IN	08WSDLE3	13.800	G	251964	77	77	CT Gas	Existing			
MISO	IN	08WSDLE4	13.800	G	251965	77	77	CT Gas	Existing			
MISO	IN	08WSDLE5	13.800	G	251966	77	77	CT Gas	Existing			
MISO	IN	08WSDLE6	13.800	G	251967	77	78	CT Gas	Existing			
MISO	IN	08YANKEE	69.000	1	251574	63	63	Heat recovery from Coke production process	Existing			Non-MISO
MISO	IN	08ZIMRHP	26.000	1	251968	839.9999	839.9999	ST Coal	Existing			
MISO	IN	08ZIMRLP	22.000	1	251969	460	460	ST Coal	Existing			
MISO	IN	10AB_GT1	13.800	3	253508	80	80	CT Gas	Existing			
MISO	IN	10AB_GT2	13.800	4	253509	80	80	CT Gas	Existing			
MISO	IN	10ABB_G1	22.000	1	253506	245	145.8431	ST Coal	Existing			



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MISO	IN	10ABB_G2	22.000	2	253507	245	245	ST Coal		Existing			
MISO	IN	10BG_GT1	13.800	1	253513	50	50	CT Gas		Existing			
MISO	IN	10BG_GT2	13.800	2	253514	65	65	CT Gas		Existing			
MISO	IN	10CUL_G2	14.400	2	253502	90	90	ST Coal		Existing			
MISO	IN	10CUL_G3	22.000	3	253503	270	270	ST Coal		Existing			
MISO	IN	10JSP_G1	69.000	1	253600	15	15	ST Coal		Existing			
MISO	IN	10WAR_G1	15.000	1	253591	142	142	ST Coal		Existing			
MISO	IN	10WAR_G2	15.000	2	253592	142	142	ST Coal		Existing			
MISO	IN	10WAR_G3	15.000	3	253593	142	142	ST Coal		Existing			
MISO	IN	10WAR_G4	20.000	4	253594	300	300	ST Coal		Existing			
MISO	IN	17DUNAC7	22.000	7	255234	160	160	ST Coal		Existing			
MISO	IN	17DUNAC8	22.000	8	255235	320	320	ST Coal		Existing			
MISO	IN	17DUNACA	13.800	A	255246	31	0	CT Gas		Existing			
MISO	IN	17HOOSR	34.500	1	255254	100	20	Wind		Existing		Yes	
MISO	IN	17MCHCYC	22.000	C	255236	469	469	ST Coal		Existing			
MISO	IN	17ORION	34.500	1	255231	130.5	26	Wind		Existing		Yes	
MISO	IN	17SCHAFA	13.800	A	255249	78	78	CT Gas		Existing			
MISO	IN	17SCHAFB	13.800	B	255250	77	77	CT Gas		Existing			
MISO	IN	17SCHAHE	18.000	E	255238	431	431	ST Coal		Existing			
MISO	IN	17SCHAHF	22.000	F	255237	472	457.1912	ST Coal		Existing			
MISO	IN	17SCHAHH	24.000	H	255232	365	361	ST Coal		Existing			
MISO	IN	17SCHAHI	24.000	I	255233	365	361	ST Coal		Existing			
MISO	IN	17WCE ST	18.000	3	255239	213	60	CC		Existing			
MISO	IN	17WCEGT1	18.000	1	255240	156	70	CC		Existing			
MISO	IN	17WCEGT2	18.000	2	255241	156	70	CC		Existing			
MISO	MI	18CMPBL1	16.000	A	256360	130.35	130.35	ST Coal		Existing			
MISO	MI	18CMPBL1	16.000	B	256360	130.35	130.35	ST Coal		Existing			
MISO	MI	18CMPBL2	20.000	2	256339	356.1	356.1	ST Coal		Existing			
MISO	MI	18CMPBL3	18.000	3	256343	830.2999	830.2999	ST Coal		Existing			



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MISO	MI	18CMPBLP	13.800	A	256376	13	13	CT Oil	Existing			
MISO	MI	18COBB1	14.400	1	256370	54	54	ST Gas	Existing			
MISO	MI	18COBB2	14.400	2	256369	65	65	ST Gas	Existing			
MISO	MI	18COBB3	14.400	3	256371	68	68	ST Gas	Existing			
MISO	MI	18COBB4	18.000	4	256344	156.05	156.05	ST Coal	Existing			
MISO	MI	18COBB5	18.000	5	256345	156.3	156.3	ST Coal	Existing			
MISO	MI	18CODW1G	0.4800	1	257587	12.1	12.1	CT Oil	Existing			
MISO	MI	18COVRT1	16.000	G	256365	225	210	CC	Existing			
MISO	MI	18COVRT2	16.000	G	256366	225	210	CC	Existing			
MISO	MI	18COVRT3	16.000	G	256367	225	210	CC	Existing			
MISO	MI	18COVRT4	16.500	S	256357	135	120	CC	Existing			
MISO	MI	18COVRT5	16.500	S	256358	135	120	CC	Existing			
MISO	MI	18COVRT6	16.500	S	256359	135	120	CC	Existing			
MISO	MI	18ERICON	138.00	1	263800	153	153	ST Coal	Existing			
MISO	MI	18G418	0.5750	1	256535	140	140	0	Existing			
MISO	MI	18GAYL12	13.200	1	256379	14	14	CT Gas	Existing			
MISO	MI	18GAYL12	13.200	2	256379	14	14	CT Gas	Existing			
MISO	MI	18GAYL34	13.200	3	256380	14	14	CT Gas	Existing			
MISO	MI	18GAYL34	13.200	4	256380	14	14	CT Gas	Existing			
MISO	MI	18GAYL5	13.200	5	256378	14	14	CT Gas	Existing			
MISO	MI	18GAYLORD U1	13.800	1	263754	18.8	18	CT Gas	Existing			
MISO	MI	18GAYLORD U2	13.800	2	263755	18.8	18	CT Gas	Existing			
MISO	MI	18GAYLORD U3	13.800	3	263756	18.8	18	CT Gas	Existing			
MISO	MI	18GD.HAVENG	13.800	3	263760	81	76.18	ST Coal	Existing			
MISO	MI	18GD.HAVENG	13.800	2	263760	20.72	20.72	ST Coal	Existing			
MISO	MI	18INDST7	13.800	7	257522	41.4	32	0	Existing			
MISO	MI	18INDST8	13.800	8	257523	41.4	32	0	Existing			
MISO	MI	18INDST9	13.800	9	257524	85.3	72	0	Existing			
MISO	MI	18JDYNG3	12.470	3	257532	11.5	10.58	0	Existing			



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MISO	MI	18JDYNG4	12.470	4	257531	23.5	20.24	0		Existing			
MISO	MI	18JDYNG5	12.470	5	257530	28.2	27	0		Existing			
MISO	MI	18JDYNG6	12.470	6	257533	26.6	16	0		Existing			
MISO	MI	18KALK GEN	13.800	1	263761	60.5	48.6	CT Gas		Existing			
MISO	MI	18KALRIV	13.800	1	256382	66	66	CT Gas		Existing			
MISO	MI	18KARN1A	16.000	A	256361	127.7	127.7	ST Coal		Existing			
MISO	MI	18KARN1B	16.000	B	256362	127.7	127.7	ST Coal		Existing			
MISO	MI	18KARN2A	16.000	A	256363	130.1	130.1	ST Coal		Existing			
MISO	MI	18KARN2B	16.000	B	256364	130.1	130.1	ST Coal		Existing			
MISO	MI	18KARN3	26.000	3	256329	639	639	ST Oil		Existing			
MISO	MI	18KARN4	26.000	4	256330	639	585.7179	ST Gas		Existing			
MISO	MI	18LIVPK1	13.800	1	256384	33.5	33.5	CT Gas		Existing			
MISO	MI	18LIVPK2	13.800	2	256385	33.5	33.5	CT Gas		Existing			
MISO	MI	18LIVPK3	13.800	3	256386	33.5	33.5	CT Gas		Existing			
MISO	MI	18LIVPK4	13.800	4	256387	33.5	33.5	CT Gas		Existing			
MISO	MI	18LUDN12	20.000	1	256340	313.6	313.6	Pumped Storage		Existing			
MISO	MI	18LUDN12	20.000	2	256340	313.6	313.6	Pumped Storage		Existing			
MISO	MI	18LUDN34	20.000	3	256341	313.6	313.6	Pumped Storage		Existing			
MISO	MI	18LUDN34	20.000	4	256341	313.6	313.6	Pumped Storage		Existing			
MISO	MI	18LUDN56	20.000	5	256342	313.6	313.6	Pumped Storage		Existing			
MISO	MI	18LUDN56	20.000	6	256342	313.6	313.6	Pumped Storage		Existing			
MISO	MI	18MCVG10	13.800	0	256395	103	86	CC		Existing			
MISO	MI	18MCVG11	13.800	1	256396	103	86	CC		Existing			
MISO	MI	18MCVG12	13.800	2	256397	103	86	CC		Existing			
MISO	MI	18MCVG13	13.800	3	256398	103	86	CC		Existing			
MISO	MI	18MCVG14	13.800	4	256399	103	86	CC		Existing			
MISO	MI	18MCVG3	13.800	3	256388	103	86	CC		Existing			
MISO	MI	18MCVG4	13.800	4	256389	103	86	CC		Existing			
MISO	MI	18MCVG5	13.800	5	256390	103	86	CC		Existing			



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MISO	MI	18MCFG6	13.800	6	256391	103	86	CC		Existing			
MISO	MI	18MCFG7	13.800	7	256392	103	86	CC		Existing			
MISO	MI	18MCFG8	13.800	8	256393	103	86	CC		Existing			
MISO	MI	18MCFG9	13.800	9	256394	103	86	CC		Existing			
MISO	MI	18MCFVST1	22.000	1	256337	417.5	350	CC		Existing			
MISO	MI	18MICH1	13.800	1	256400	73	73	CC		Existing			
MISO	MI	18MICH2	13.800	2	256401	50	50	CC		Existing			
MISO	MI	18MURPHY	345.00	N1	256500	500	25	Wind		Conceptual		Yes	
MISO	MI	18PALISD	22.000	1	256338	778	767	Nuclear		Existing			
MISO	MI	18PALISD	345.00	N1	256019	350	17.5	Wind		Conceptual		Yes	
MISO	MI	18PLYMO1	13.800	1	256403	48.2	48.2	CC		Existing			
MISO	MI	18PLYMO2	13.800	2	256404	48.2	48.2	CC		Existing			
MISO	MI	18PLYMO3	13.800	3	256405	48.2	48.2	CC		Existing			
MISO	MI	18PLYMO4	13.800	4	256406	48.2	48.2	CC		Existing			
MISO	MI	18PLYMO5	13.800	5	256407	48.2	48.2	CC		Existing			
MISO	MI	18PLYMO6	13.800	6	256408	48.2	48.2	CC		Existing			
MISO	MI	18PLYMO7	13.800	7	256409	72	72	CC		Existing			
MISO	MI	18PLYMO8	13.800	8	256411	101	101	CC		Existing			
MISO	MI	18PLYMO9	13.800	9	256410	101	101	CC		Existing			
MISO	MI	18PROJ1G	13.800	1	257525	51	51	ST Coal		Existing			
MISO	MI	18RENAS1	18.000	1	256351	170.6	165	CT Gas		Existing			
MISO	MI	18RENAS2	18.000	2	256352	170.6	165	CT Gas		Existing			
MISO	MI	18RENAS3	18.000	3	256353	170.6	165	CT Gas		Existing			
MISO	MI	18RENAS4	18.000	4	256354	170.6	165	CT Gas		Existing			
MISO	MI	18RICHLANDG	34.500	1	263762	19	1.5	Wind		Existing		Yes	
MISO	MI	18THET569	13.800	5	256417	15	15	CT Gas		Existing			
MISO	MI	18THET569	13.800	6	256417	15	15	CT Gas		Existing			
MISO	MI	18THET569	13.800	9	256417	14	14	CT Gas		Existing			
MISO	MI	18THETF78	13.800	8	256416	15	15	CT Gas		Existing			



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MISO	MI	18THETF78	13.800	7	256416	14	14	CT Gas	Existing			
MISO	MI	18THTFD1	13.800	1	256412	30	30	CT Gas	Existing			
MISO	MI	18THTFD2	13.800	2	256413	29	29	CT Gas	Existing			
MISO	MI	18THTFD3	13.800	3	256414	30	30	CT Gas	Existing			
MISO	MI	18THTFD4	13.800	4	256415	30	30	CT Gas	Existing			
MISO	MI	18TOWER U4	13.800	4	263752	17.5	17.5	CT Gas	Existing			
MISO	MI	18VESTABURGG	13.800	1	263753	17.5	17.5	CT Oil	Existing			
MISO	MI	18VIKLNC	13.800	1	256383	18	17	ST Gas	Existing			
MISO	MI	18WEDCK7	18.000	7	256355	156.7	156.7	ST Coal	Existing			
MISO	MI	18WEDCK8	18.000	8	256356	156.2	156.2	ST Coal	Existing			
MISO	MI	18WEDCKP	13.800	A	256418	13	13	CT Gas	Existing			
MISO	MI	18WHITN1	14.400	1	256372	102.2	102.2	ST Coal	Existing			
MISO	MI	18WHITN2	14.400	2	256373	102.4	102.4	ST Coal	Existing			
MISO	MI	18WHITN3	15.500	3	256368	124.5	124.5	ST Coal	Existing			
MISO	MI	18ZEELANDG	69.000	1	263305	22	22	CT Gas	Existing			
MISO	MI	18ZELND1	18.000	1	256346	165	165	CC	Existing			
MISO	MI	18ZELND2	18.000	2	256347	165	165	CC	Existing			
MISO	MI	18ZELND3	18.000	3	256348	165	165	CC	Existing			
MISO	MI	18ZELND4	18.000	4	256349	165	165	CT Gas	Existing			
MISO	MI	18ZELND5	18.000	5	256350	208	208	CT Gas	Existing			
MISO	MI	19ANITA	41.570	1	264853	18	18	CC	Existing			
MISO	MI	19BLRP1	26.000	1	264855	628.5	628.5	ST Coal	Existing			
MISO	MI	19BLRP2	26.000	2	264856	640.3	639.6	ST Coal	Existing			
MISO	MI	19BLRPPP	345.00	P1	264755	75	75	CT Gas	Existing			
MISO	MI	19BLRPPP	345.00	P2	264755	75	75	CT Gas	Existing			
MISO	MI	19BLRPPP	345.00	P3	264755	75	75	CT Gas	Existing			
MISO	MI	19CC15	15.500	5	264875	135	119	ST Gas	Existing			
MISO	MI	19CC16	15.500	6	264876	135	120	ST Gas	Existing			
MISO	MI	19COLFX	41.570	11	264500	14	13.75	CT Oil	Existing			



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MISO	MI	19DAYTN	41.570	11	264502	10	10	CT Oil		Existing			
MISO	MI	19DEAN12	120.00	1	264820	72	72	CT Gas		Existing			
MISO	MI	19DEAN12	120.00	2	264820	72	72	CT Gas		Existing			
MISO	MI	19DEAN34	120.00	1	264821	72	72	CT Gas		Existing			
MISO	MI	19DEAN34	120.00	2	264821	72	72	CT Gas		Existing			
MISO	MI	19DIG	230.00	9	264562	205	205	CC		Existing			
MISO	MI	19DIG	230.00	2	264562	155	155	CC		Existing			
MISO	MI	19DIG	230.00	3	264562	155	155	CC		Existing			
MISO	MI	19DIG	230.00	1	264562	150	150	CC		Existing			
MISO	MI	19ENFPP	120.00	11	264558	51	51	CT Oil		Existing			
MISO	MI	19ENFPP	22.000	1	264854	1122	1122	Nuclear		Existing			
MISO	MI	19GRNEC	26.000	1	264865	786	759.7709	ST Oil		Existing			
MISO	MI	19GRNEC	345.00	N1	264706	500	25	Wind		Conceptual		Yes	
MISO	MI	19GRNECP	345.00	N1	264758	500	25	CT Gas		Existing			
MISO	MI	19GRNECP	345.00	P1	264758	75	75	CT Gas		Existing			
MISO	MI	19GRNECP	345.00	P2	264758	75	75	CT Gas		Existing			
MISO	MI	19GRNECP	345.00	P3	264758	75	75	CT Gas		Existing			
MISO	MI	19HANCK	41.570	11	264505	63	64	CT Gas		Existing			
MISO	MI	19HANCK1	120.00	12	264570	78	78	CT Gas		Existing			
MISO	MI	19HBHPP	13.800	1	264864	108	103	ST Coal		Existing			
MISO	MI	19HVSTW	0.5750	1	264910	52	10.4	Wind		Existing		Yes	
MISO	MI	19JUDD1	13.200	1	264878	84	74	CT Gas		Existing			
MISO	MI	19JUDD2	13.200	1	264879	84	74	CT Gas		Existing			
MISO	MI	19JUDD3	13.200	1	264880	84	74	CT Gas		Existing			
MISO	MI	19JUDD4	13.200	1	264881	84	74	CT Gas		Existing			
MISO	MI	19MON1	26.000	1	264871	770	770	ST Coal		Existing			
MISO	MI	19MON12P	345.00	11	264759	14	13.75	CT Oil		Existing			
MISO	MI	19MON2	26.000	2	264872	785	785	ST Coal		Existing			
MISO	MI	19MON3	26.000	3	264873	785	785	ST Coal		Existing			



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MISO	MI	19MON4	26.000	4	264874	775	775	ST Coal	Existing			
MISO	MI	19MONTC	120.00	1	264611	19	19	CT Oil	Existing			
MISO	MI	19NEAST	120.00	13	264625	39	39	CT Gas	Existing			
MISO	MI	19NEAST	120.00	12	264625	15	15	CT Gas	Existing			
MISO	MI	19NEAST	24.000	11	264507	61	58	CT Oil	Existing			
MISO	MI	19NPWWD	0.6000	1	264914	157.5	31.5	Wind	Existing		Yes	
MISO	MI	19OLIVR	41.570	11	264508	14	13.75	CT Oil	Existing			
MISO	MI	19PLACD	41.570	12	264509	14	13.75	CT Oil	Existing			
MISO	MI	19PUTNM	41.570	11	264510	14	13.75	CT Oil	Existing			
MISO	MI	19REMER1	120.00	11	264640	14	13.75	CT Oil	Existing			
MISO	MI	19RESRC	120.00	1	264702	50	50	ST Oil	Existing			
MISO	MI	19RR11	120.00	11	264986	11	11	CT Oil	Existing			
MISO	MI	19RRG1	18.000	1	264877	230	200	ST Gas	Existing			
MISO	MI	19RRG2	18.000	2	264866	260	251	ST Coal	Existing			
MISO	MI	19RRG3	18.000	3	264867	300	272	ST Coal	Existing			
MISO	MI	19SC1	15.500	1	264862	163	151	ST Coal	Existing			
MISO	MI	19SC123P	120.00	11	264756	19	19	ST Coal	Existing			
MISO	MI	19SC2	15.500	2	264861	165	154	ST Coal	Existing			
MISO	MI	19SC3	15.500	3	264860	165	160	ST Coal	Existing			
MISO	MI	19SC4	15.500	4	264859	166	148	ST Coal	Existing			
MISO	MI	19SC6	18.000	6	264858	325	312	ST Coal	Existing			
MISO	MI	19SC7	18.000	7	264857	450	440	ST Coal	Existing			
MISO	MI	19SLOCM	24.000	11	264511	14	13.75	CT Oil	Existing			
MISO	MI	19SUPER	41.570	11	264512	52	52	CT Oil	Existing			
MISO	MI	19TC7	14.250	7	264869	120	107.7	ST Coal	Existing			
MISO	MI	19TC8	15.500	8	264868	120	78.8	ST Coal	Existing			
MISO	MI	19TC9	22.000	9	264870	518	513.7	ST Coal	Existing			
MISO	MI	19WILMT	41.570	11	264514	14	13.75	CT Oil	Existing			
MISO	MI	19WTRMN5	120.00	P	264985	127	127	CT Gas	Existing			



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MISO	IL	1ALSEY 1 13.800	1	346516	30	30	CT Gas		Existing			
MISO	IL	1ALSEY 1 13.800	2	346516	30	30	CT Gas		Existing			
MISO	IL	1ALSEY 2 13.800	3	346517	20	20	CT Gas		Existing			
MISO	IL	1ALSEY 2 13.800	4	346517	20	20	CT Gas		Existing			
MISO	IL	1ALSEY 3 13.800	5	346519	23.8	23.8	CT Gas		Existing			
MISO	MO	1AUDRN G1 13.800	1	344061	80	80	CT Gas		Existing			
MISO	MO	1AUDRN G2 13.800	2	344062	80	80	CT Gas		Existing			
MISO	MO	1AUDRN G3 13.800	3	344063	80	80	CT Gas		Existing			
MISO	MO	1AUDRN G4 13.800	4	344064	80	80	CT Gas		Existing			
MISO	MO	1AUDRN G5 13.800	5	344065	80	80	CT Gas		Existing			
MISO	MO	1AUDRN G6 13.800	6	344066	80	80	CT Gas		Existing			
MISO	MO	1AUDRN G7 13.800	7	344067	80	80	CT Gas		Existing			
MISO	MO	1AUDRN G8 13.800	8	344068	80	80	CT Gas		Existing			
MISO	IL	1BALDWIN G1 20.000	1	349126	626	626	ST Coal		Existing			
MISO	IL	1BALDWIN G2 18.000	2	349127	626	626	ST Coal		Existing			
MISO	IL	1BALDWIN G3 24.000	3	349128	622	622	ST Coal		Existing			
MISO	MO	1CAL G1 25.000	1	344225	1246	1246	Nuclear		Existing			
MISO	IL	1CEC 1 13.800	1	344313	35	35	CT Gas		Existing			
MISO	IL	1CEC 1 13.800	2	344313	35	35	CT Gas		Existing			
MISO	IL	1CEC 2 13.800	3	344314	35	35	CT Gas		Existing			
MISO	IL	1CEC 2 13.800	4	344314	35	35	CT Gas		Existing			
MISO	IL	1CLINTON G1 22.000	1	349101	1097.2	1097.2	Nuclear		Existing			
MISO	IL	1COFFEN 1 22.000	1	346896	360	360	ST Coal		Existing			
MISO	IL	1COFFEN 2 24.000	2	346897	590	590	ST Coal		Existing			
MISO	IL	1CONSTU1 18.000	1	347229	156.7	156.7	CC		Existing			
MISO	IL	1CONSTU2 18.000	2	347230	156.7	156.7	CC		Existing			
MISO	IL	1CONSTU3 18.000	3	347231	315.3	315.3	CC		Existing			
MISO	MO	1CONWY 1 34.500	1	344423	43	43	CT Oil		Existing			
MISO	IL	1DCK GEN1 22.000	1	349633	385	385	ST Coal		Existing			



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MISO	IL	1EDE GEN1 16.500	1	349630	110	110	ST Coal		Existing			
MISO	IL	1EDE GEN2 20.000	1	349631	275	275	ST Coal		Existing			
MISO	IL	1EDE GEN3 22.000	1	349632	360	360	ST Coal		Existing			
MISO	IL	1GIBSN G1 13.800	1	347112	87	87	CT Gas		Existing			
MISO	IL	1GIBSN G2 13.800	2	347113	87	87	CT Gas		Existing			
MISO	IL	1GRTW 1 18.000	1	347170	165	165	CC		Existing			
MISO	IL	1GRTW 2 18.000	2	347171	165	165	CC		Existing			
MISO	IL	1GRTW 3 13.800	3	347168	86	86	CC		Existing			
MISO	IL	1GRTW 4 13.800	4	347169	103	103	CC		Existing			
MISO	IL	1HAVANA G1 13.800	1	349116	48.2	48.2	ST Oil		Existing			
MISO	IL	1HAVANA G2 13.800	2	349117	48.2	48.2	ST Oil		Existing			
MISO	IL	1HAVANA G3 13.800	3	349118	48.2	48.2	ST Oil		Existing			
MISO	IL	1HAVANA G4 13.800	4	349119	48.2	48.2	ST Oil		Existing			
MISO	IL	1HAVANA G5 13.800	5	349120	48.2	48.2	ST Oil		Existing			
MISO	IL	1HAVANA G6 20.000	6	349121	481	367.5022	ST Coal		Existing			
MISO	IL	1HENNEPIN G113.800	1	349106	73	73	ST Coal		Existing			
MISO	IL	1HENNEPIN G215.500	H	349107	125.406	125.406	ST Coal		Existing			
MISO	IL	1HENNEPIN G215.500	L	349107	106.595	106.595	ST Coal		Existing			
MISO	IL	1HUTSNVL3 13.800	3	347271	80	75	ST Coal		Existing			
MISO	IL	1HUTSNVL4 13.800	4	347272	81	75	ST Coal		Existing			
MISO	MO	1KIRKSVL 34.500	1	344882	13	13	CT Gas		Existing			
MISO	MO	1KNMDY G1 13.800	1	344876	116	116	CT Gas		Existing			
MISO	MO	1KNMDY G2 13.800	2	344877	116	116	CT Gas		Existing			
MISO	MO	1LAB G1 20.000	1	344894	626	626	ST Coal		Existing			
MISO	MO	1LAB G2 20.000	2	344895	623	623	ST Coal		Existing			
MISO	MO	1LAB G3 20.000	3	344896	640	640	ST Coal		Existing			
MISO	MO	1LAB G4 20.000	4	344897	640	640	ST Coal		Existing			
MISO	MO	1MER 1 16.500	1	345132	128	128	ST Coal		Existing			
MISO	MO	1MER 2 16.500	2	345140	128	128	ST Coal		Existing			



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MISO	MO	1MER 3 16.000	H	345148	143	143	ST Coal		Existing			
MISO	MO	1MER 3 16.000	L	345148	143	143	ST Coal		Existing			
MISO	MO	1MER 4 18.000	H	345156	193	193	ST Coal		Existing			
MISO	MO	1MER 4 18.000	L	345156	172	172	ST Coal		Existing			
MISO	MO	1MER 5 13.800	5	345164	55	55	CT Oil		Existing			
MISO	MO	1MER 6 13.800	6	345172	53	53	CT Gas		Existing			
MISO	IL	1MERDSA 1 13.800	1	347682	65	65	ST Coal		Existing			
MISO	IL	1MERDSA 2 13.800	2	347683	65	65	ST Coal		Existing			
MISO	IL	1MERDSA 3 20.000	3	347684	218	218	ST Coal		Existing			
MISO	IL	1MERDSA 4 20.000	4	347685	200	200	ST Oil		Existing			
MISO	MO	1MRNG1 13.800	1	350231	37	37	ST Coal		Existing			
MISO	MO	1MRNG2 13.800	2	350232	37	37	ST Coal		Existing			
MISO	MO	1MRNG3 13.800	3	350233	37	37	ST Coal		Existing			
MISO	MO	1MRNG4 20.000	4	350234	180	179.7391	ST Coal		Existing			
MISO	MO	1MRNG5 13.800	5	350235	88	84.005	CT Gas		Existing			
MISO	MO	1MRNG6 13.800	6	350236	88	71.001	CT Gas		Existing			
MISO	IL	1NEWTON 1 24.000	1	347832	640	640	ST Coal		Existing			
MISO	IL	1NEWTON 2 24.000	2	347833	625	625	ST Coal		Existing			
MISO	MO	1PENOGEN1 13.800	1	345441	47	47	CT Gas		Existing			
MISO	MO	1PENOGEN2 13.800	2	345442	47	47	CT Gas		Existing			
MISO	MO	1PENOGEN3 13.800	3	345443	47	47	CT Gas		Existing			
MISO	MO	1PENOGEN4 13.800	4	345444	47	47	CT Gas		Existing			
MISO	MO	1PICKVL 1 13.800	1	345501	44	44	CT Gas		Existing			
MISO	MO	1PICKVL 2 13.800	2	345502	44	44	CT Gas		Existing			
MISO	MO	1PICKVL 3 13.800	3	345503	44	44	CT Gas		Existing			
MISO	MO	1PICKVL 4 13.800	4	345504	44	44	CT Gas		Existing			
MISO	MO	1PICKVL 5 13.800	5	345505	36	36	CT Gas		Existing			
MISO	MO	1PICKVL 5 13.800	6	345505	36	36	CT Gas		Existing			
MISO	MO	1PICKVL 6 13.800	7	345506	36	36	CT Gas		Existing			



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MISO	MO	1PICKVL 6	13.800	8	345506	36	36	CT Gas	Existing			
MISO	IL	1PR STATE G126.000		1	349129	895	895	ST Coal	Planned			
MISO	IL	1PR STATE G226.000		2	349130	895	895	ST Coal	Planned			
MISO	MO	1RCEC G1	13.800	1	345994	83.5	83.5	CT Gas	Existing			
MISO	MO	1RCEC G2	13.800	2	345995	83.5	83.5	CT Gas	Existing			
MISO	MO	1RCEC G3	13.800	3	345996	83.5	83.5	CT Gas	Existing			
MISO	MO	1RCEC G4	13.800	4	345997	83.5	83.5	CT Gas	Existing			
MISO	IL	1RELU1	13.800	1	347819	44	44	CT Gas	Existing			
MISO	IL	1RELU2	13.800	2	347823	44	44	CT Gas	Existing			
MISO	IL	1RELU3	13.800	3	347824	44	44	CT Gas	Existing			
MISO	IL	1RELU4	13.800	4	347825	44	44	CT Gas	Existing			
MISO	IL	1RELU5	13.800	5	347826	44	44	CT Gas	Existing			
MISO	IL	1RELU6	13.800	6	347827	44	44	CT Gas	Existing			
MISO	IL	1RELU7	13.800	7	347828	44	44	CT Gas	Existing			
MISO	IL	1RELU8	13.800	8	347829	44	44	CT Gas	Existing			
MISO	MO	1RUSH G1	18.000	1	345670	615	615	ST Coal	Existing			
MISO	MO	1RUSH G2	18.000	2	345671	615	615	ST Coal	Existing			
MISO	MO	1SIOUX 1	18.000	H	345756	268	268	ST Coal	Existing			
MISO	MO	1SIOUX 1	18.000	L	345756	257	257	ST Coal	Existing			
MISO	MO	1SIOUX 2	18.000	H	345765	268	268	ST Coal	Existing			
MISO	MO	1SIOUX 2	18.000	L	345765	257	257	ST Coal	Existing			
MISO	IL	1TILTON G1	13.800	1	349122	46	46	CT Gas	Existing			
MISO	IL	1TILTON G2	13.800	2	349123	46	46	CT Gas	Existing			
MISO	IL	1TILTON G3	13.800	3	349124	46	46	CT Gas	Existing			
MISO	IL	1TILTON G4	13.800	4	349125	46	46	CT Gas	Existing			
MISO	MO	1TS G1	13.800	1	345832	220	220	Pumped Storage	Existing			
MISO	MO	1TS G2	13.800	2	345841	220	220	Pumped Storage	Existing			
MISO	MO	1VENCTG	13.800	8	345886	48	48	CT Gas	Existing			
MISO	MO	1VENICE3	15.000	3	345882	165	165	CT Gas	Existing			



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MISO	MO	1VENICE4	15.000	4	345883	165	165	CT Gas	Existing			
MISO	MO	1VENICE5	13.800	5	345884	116	116	CT Gas	Existing			
MISO	IL	1VERMILON G1	113.800	1	349108	71	71	ST Coal	Existing			
MISO	IL	1VERMILON G2	13.800	2	349109	108	108	ST Coal	Existing			
MISO	IL	1VERMILON G3	13.800	3	349110	10	10	CT Oil	Existing			
MISO	MO	1VIAD 1	34.500	1	345890	25	25	CT Gas	Existing			
MISO	IL	1WOOD RIV G1	113.800	1	349111	41	41	ST Gas	Existing			
MISO	IL	1WOOD RIV G2	13.800	2	349112	41	41	ST Gas	Existing			
MISO	IL	1WOOD RIV G3	13.800	3	349113	41	41	ST Gas	Existing			
MISO	IL	1WOOD RIV G4	13.800	4	349114	93	93	ST Coal	Existing			
MISO	IL	1WOOD RIV G5	20.000	L	349115	192.316	192.316	ST Coal	Existing			
MISO	IL	1WOOD RIV G5	20.000	H	349115	185.684	185.684	ST Coal	Existing			
MISO	MO	2 MEXICO	69.000	1	345193	55	55	CT Oil	Existing			
MISO	IL	2AVENA	69.000	1	346573	47	47	CT Gas	Existing			
MISO	MO	2FULTON69	69.000	4	343008	20	20	CT Gas	Existing			
MISO	MO	2JC FAIR	69.000	1	344805	55	55	CT Oil	Existing			
MISO	MO	2MOBERLY	69.000	1	345222	55	55	CT Oil	Existing			
MISO	MO	2MOREAU	69.000	1	345240	55	55	CT Oil	Existing			
MISO	IL	2PEARL	69.000	2	347492	25	25	ST Coal	Existing			
MISO	IL	2PEARL	69.000	1	347492	22	22	ST Coal	Existing			
MISO	MO	2PLANT	69.000	8	343003	37.5	37.3676	CT Gas	Existing			
MISO	MO	2PLANT	69.000	7	343003	22	21.9223	CT Gas	Existing			
MISO	MO	2PLANT	69.000	5	343003	16.5	16.4418	CT Gas	Existing			
MISO	MO	2PLANT	69.000	6	343003	14	13.9506	CT Gas	Existing			
MISO	MO	2VEN MO3	69.000	7	345889	25	25	CT Oil	Existing			
MISO	MO	4OSAGE	138.00	3	345400	34	12.2104	Hydro Run-of-River	Existing			
MISO	MO	4OSAGE	138.00	5	345400	34	12.2104	Hydro Run-of-River	Existing			
MISO	MO	4OSAGE	138.00	6	345400	27	18.9095	Hydro Run-of-River	Existing			
MISO	MO	4OSAGE	138.00	7	345400	27	18.9095	Hydro Run-of-River	Existing			



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MISO	MO	4OSAGE	138.00	1	345400	26	18.2069	Hydro Run-of-River	Existing			
MISO	MO	4OSAGE	138.00	2	345400	26	18.2069	Hydro Run-of-River	Existing			
MISO	MO	4OSAGE	138.00	4	345400	26	18.2069	Hydro Run-of-River	Existing			
MISO	MO	4OSAGE	138.00	8	345400	26	18.2069	Hydro Run-of-River	Existing			
MISO	MO	5ADAIR	161.00	N1	344001	300	15	Wind	Conceptual		Yes	
MISO	IL	7DUCK CRK	345.00	N1	349661	375	18.75	Wind	Conceptual		Yes	
MISO	IA	ADAIRWG1	0.6900	1	635637	87.5	17.5	Wind	Existing		Yes	
MISO	IA	ADAIRWG2	0.6900	2	635638	87.5	17.5	Wind	Existing		Yes	
MISO	IA	ADM69KV8	69.000	6	630680	101	101	CT Coal	Existing			
MISO	IA	ALGONAM8	69.000	1	638070	19.3	13.5	CT Oil	Existing			Non-MISO
MISO	IA	AMANA	69.000	1	630653	23.9	23.9	ST Coal	Existing			
MISO	IA	AMES 9	34.500	7	629108	12.9	12.893	CT Oil	Existing			
MISO	IA	AMES 8	69.000	8	638001	70	67	ST Coal	Existing			
MISO	IA	AMES 8	69.000	7	638001	38	38	ST Coal	Existing			
MISO	MN	ANS 72G	13.800	2	600020	107	107	CT Gas	Existing			
MISO	MN	ANS 73G	13.800	3	600021	108.5	107	CT Gas	Existing			
MISO	MN	ANS C74G	13.800	4	600045	159.04	159	CT Gas	Existing			
MISO	IA	ARNOLD1G	22.000	1	629074	640	620	Nuclear	Existing			
MISO	ND	ASHTABU4	230.00	2	657701	108	23	Wind	Existing		Yes	Non-MISO
MISO	ND	ASHTABU4	230.00	1	657701	99	21	Wind	Existing		Yes	Non-MISO
MISO	ND	ASHTABU4	230.00	3	657701	48	20.6	Wind	Existing		Yes	Non-MISO
MISO	WI	ATC_J084POI	69.000	N1	693561	100	5	Wind	Conceptual			
MISO	IA	ATCHSN2W	0.6900	W2	635016	250	12.5	Wind	Planned		Yes	
MISO	IA	ATCHSNW1	0.6900	1	635020	144	28.8	Wind	Existing		Yes	
MISO	IA	AYRSHIRE	69.000	1	637419	21	4.2	Wind	Existing		Yes	Non-MISO
MISO	MN	BFT 85G	13.800	5	600041	22.61	22.6	ST Coal	Existing			
MISO	MN	BFT 86G	13.800	6	600042	27.84	28	ST Coal	Existing			
MISO	MN	BFTG4DSG	13.800	4	600016	20.6	20.6	ST Coal	Existing			
MISO	ND	BIGSTN1G	24.000	1	620315	494	331.1777	ST Coal	Existing			



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MISO	MN	BLK D72G	13.800	2	600012	115.8	115.8	CC		Existing			
MISO	MN	BLK D73G	13.800	3	600013	105	104.9	ST Coal		Existing			
MISO	MN	BLK D74G	18.000	4	600014	175.3	175.3	ST Coal		Existing			
MISO	MN	BLK D75G	18.000	5	600011	162.5	162.5	CC		Existing			
MISO	MN	BLL 71G	13.800	1	600022	40.5	40.5	CT Oil		Existing			
MISO	MN	BLL 72G	13.800	2	600023	41.5	41.5	CT Oil		Existing			
MISO	MN	BLL 73G	13.800	3	600024	40.1	40.1	CT Oil		Existing			
MISO	MN	BLL 74G	13.800	4	600025	50.2	50.2	CT Oil		Existing			
MISO	MN	BLL C75G	13.800	7	600043	158.74	158.74	CT Gas		Existing			
MISO	MN	BLL C76G	13.800	8	600044	158.15	158.15	CT Gas		Existing			
MISO	MN	BLNCHRD9	34.500	1	608849	18	12.001	Hydro Run-of-River		Existing			
MISO	WI	BLT 14	13.800	3	699860	39.4	0	ST Gas		Existing			
MISO	WI	BLT 14	13.800	5	699860	26.6	0	ST Gas		Existing			
MISO	WI	BLT 14	13.800	4	699860	21.2	0	ST Gas		Existing			
MISO	WI	BLT G6	13.800	6	699969	51.2	51.2	ST Gas		Existing			
MISO	WI	BLT G7	13.800	7	699968	50.1	46.3737	ST Gas		Existing			
MISO	WI	BLU SKY WTG	0.6000	W	693582	72.6	14.5	Wind		Existing		Yes	
MISO	MN	BOSWE43G	20.900	3	608774	364.5	271.7151	ST Coal		Existing			
MISO	MN	BOSWE44G	22.800	4	608775	563	563	ST Coal		Existing			
MISO	MN	BOSWE71G	14.400	1	608776	75	69	ST Coal		Existing			
MISO	MN	BOSWE72G	14.400	2	608777	75	69	ST Coal		Existing			
MISO	MN	BRI311_1W	0.5750	W	600056	51.75	51.75	Wind		Existing		Yes	
MISO	MN	BRI312_1W	0.6000	W	600076	10.5	10.5	Wind		Existing		Yes	
MISO	MN	BRI312_2W	0.6900	W	600079	15.84	15.84	Wind		Existing		Yes	
MISO	MN	BRI312_3W	0.6000	W	600108	16.5	1.65	Wind		Existing		Yes	
MISO	MN	BRI313_1W	0.4800	W	600080	29.9	29.9	Wind		Existing		Yes	
MISO	MN	BRI321_1W	0.6000	W	600081	27.75	27.75	Wind		Existing		Yes	
MISO	MN	BRI321_3W	0.6900	W	600083	11.25	11.25	Wind		Existing		Yes	
MISO	MN	BRI321_4W	0.6600	W	600084	11.88	11.88	Wind		Existing		Yes	



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MISO	MN	BRI321_5W	0.6600	W	600085	11.88	11.88	Wind		Existing		Yes	
MISO	MN	BRI322_1W	0.6000	W	600086	42.75	42.75	Wind		Existing		Yes	
MISO	MN	BRI323_3W	0.6000	W	600088	36.75	36.75	Wind		Existing		Yes	
MISO	WI	B-RIDG1	0.6000	W	698780	54.45	10.9	Wind		Existing		Yes	
MISO	SD	BRKNGCO3	345.00	N1	601031	200	10	Wind		Conceptual		Yes	
MISO	IA	BROOKE 8	69.000	1	630353	80	9	Wind		Existing		Yes	
MISO	IA	BURLIN1G	20.000	1	629071	222	169.3536	ST Coal		Existing			
MISO	IA	BVISTA 5	161.00	1	635280	112	22.5	Wind		Existing		Yes	
MISO	IA	BVRCH52G	20.000	2	629070	241.3	237.85	ST Coal		Existing			
MISO	WI	BWS RD G	0.5750	W	693568	105	21	Wind		Conceptual		Yes	
MISO	MI	CADCGEN	C13.800	1	256424	34	34	ST Other		Existing			
MISO	IA	CARROLG1	0.5750	1	635317	75	15	Wind		Existing		Yes	
MISO	IA	CARROLG2	0.5750	2	635316	75	15	Wind		Existing		Yes	
MISO	MN	CASCADE	161.00	2	625430	49.9	49	CT Oil		Existing			Non-MISO
MISO	MN	CASCADE	161.00	1	625430	40	40	CT Oil		Existing			Non-MISO
MISO	IA	CBLUF1G	13.800	1	635021	46	43	ST Coal		Existing			
MISO	IA	CBLUF2G	13.800	2	635022	88	88	ST Coal		Existing			
MISO	IA	CBLUF33G	24.000	3	635023	757	757	ST Coal		Existing			
MISO	IA	CBLUF4G	26.000	4	635024	870	870	ST Coal		Existing			
MISO	WI	CCD GT1	13.800	1	699277	88	88	CT Gas		Existing			
MISO	WI	CCD GT2	13.800	2	699278	88	88	CT Gas		Existing			
MISO	WI	CCD GT3	13.800	3	699279	88	88	CT Gas		Existing			
MISO	WI	CCD GT4	13.800	4	699280	88	88	CT Gas		Existing			
MISO	IA	CCITY S8	69.000	1	636302	16.3	16	CT Gas		Existing			
MISO	IA	CCITY S8	69.000	2	636302	16.3	16	CT Gas		Existing			
MISO	IA	CCITYSG1	0.5750	1	636309	75	15	Wind		Existing		Yes	
MISO	ND	CDR HLLW	0.5750	1	661317	19.5	3.9	Wind		Existing		Yes	
MISO	WI	CDR RDG WTG	0.6000	W	693510	67.65	13.5	Wind		Existing		Yes	
MISO	ND	CENTER1G	22.000	1	657749	260	250	ST Coal		Existing			



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MISO	MN	CENTER2G	20.000	2	657748	491	491	ST Coal		Existing			
MISO	IA	CGORDO1G	24.900	1	629083	42	4	Wind		Existing		Yes	
MISO	WI	CHA1 18	18.000	1	699137	150	150	CT Gas		Existing			
MISO	WI	CHA2 18	18.000	2	699138	150	150	CT Gas		Existing			
MISO	WI	CHA3 18	18.000	3	699139	150	150	CT Gas		Existing			
MISO	MN	CHANRMB7	115.00	N1	603180	500	25	Wind		Conceptual		Yes	
MISO	MN	CHB312_1W	0.5750	W	600092	51	51	Wind		Existing		Yes	
MISO	MN	CHB313_1W	0.6000	W	600115	49.5	49.5	Wind		Existing		Yes	
MISO	MN	CHB321_1W	0.5750	W	600093	43.5	43.5	Wind		Existing		Yes	
MISO	MN	CHB322_1W	0.5750	W	600094	42	42	Wind		Existing		Yes	
MISO	MN	CHB323_1W	0.5750	W	600095	12	12	Wind		Existing		Yes	
MISO	MN	CHB323_G2	0.5750	W	600116	26.6	24	Wind		Existing		Yes	
MISO	MN	CHB341_2W	0.4800	W	600091	41.25	41.25	Wind		Existing		Yes	
MISO	MN	CHPFALG8	69.000	1	605348	10.99	5	Hydro Run-of-River		Existing			
MISO	IA	CLIPR G1	0.5700	1	635352	175.5	35	Wind		Existing		Yes	
MISO	WI	COL G1	22.000	1	699152	510.17	510.17	ST Coal		Existing			
MISO	WI	COL G2	22.000	2	699153	505.3	357.9981	ST Coal		Existing			
MISO	MN	COLVILL G	18.000	2	600064	175	175	CT Gas		Existing			
MISO	MN	COLVILL1 G	18.000	1	600063	175	175	CT Gas		Existing			
MISO	MN	CORNELL7	115.00	1	603154	30.52	16	Hydro Run-of-River		Existing			
MISO	IA	CORVL12G	13.800	1	636412	16	0	CT Gas		Existing			
MISO	IA	CORVL12G	13.800	2	636412	16	0	CT Gas		Existing			
MISO	IA	CORVL34G	13.800	3	636413	16	0	CT Gas		Existing			
MISO	IA	CORVL34G	13.800	4	636413	16	0	CT Gas		Existing			
MISO	ND	COYOTE1G	24.000	1	661015	453	449.5	ST Coal		Existing			
MISO	IL	DALLMAN	138.00	3	343502	208	208	ST Coal		Existing			
MISO	IL	DALLMAN	138.00	4	343502	200	200	ST Coal		Existing			
MISO	IL	DALLMAN	69.000	1	343501	83	81.4014	ST Coal		Existing			
MISO	IL	DALLMAN	69.000	2	343501	77	75.4337	ST Coal		Existing			



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MISO	MN	DANJUHL W	0.6000	W	600072	12	12	Wind		Existing		Yes	
MISO	IA	DAYTON8	69.000	G2	638002	40	23.9	CT Oil		Existing			
MISO	IA	DAYTON8	69.000	G1	638002	24	0	CT Oil		Existing			
MISO	IA	DBQ 8TH8	69.000	4	630290	36	35.1	ST Coal		Existing			
MISO	IA	DBQ 8TH8	69.000	3	630290	30.2	29.38	ST Coal		Existing			
MISO	IA	DBQ 8TH8	69.000	2	630290	18	13.68	ST Coal		Existing			
MISO	WI	DE PERE	18.000	1	699993	155.8	115.8	CT Gas		Existing			
MISO	MN	DELANO 8	69.000	1	605236	24.3	24.3	CT Gas		Planned			
MISO	ND	DM WILWW	0.5750	1	661307	30	6	Wind		Existing		Yes	
MISO	WI	ECOMET WTG1	12.000	W	693692	49.5	9.9	Wind		Planned	2012	Yes	
MISO	WI	ECOMET WTG2	12.000	W	693694	51	10.2	Wind		Planned	2012	Yes	
MISO	WI	ECOMONT WTG	12.000	W	693565	50	10	Wind		Planned	2012	Yes	
MISO	WI	EDEN WG	0.5750	W	698821	30	6	Wind		Existing		Yes	
MISO	WI	EDG G3	12.500	3	699206	50.16	50.16	ST Coal		Existing			
MISO	WI	EDG G4	22.000	4	699207	281.39	281.39	ST Coal		Existing			
MISO	WI	EDG G5	22.000	5	699208	384.85	384.85	ST Coal		Existing			
MISO	ND	EDGE GEN	34.500	1	620161	21	4.2	Wind		Existing		Yes	
MISO	ND	ELBOWLK7	115.00	1	620220	21	1.05	Wind		Existing		Yes	Non-MISO
MISO	IA	ELFARMG1	13.200	1	636222	60.5	60.5	CT Gas		Existing			
MISO	IA	ELFARMG2	13.200	2	636223	68.3	68.3	CT Gas		Existing			
MISO	IA	ELFARMG3	13.200	3	636224	71.4	70.5	CT Gas		Existing			
MISO	IA	EMERYGT1	18.000	1	629067	173.4	168.35	CC		Existing			
MISO	IA	EMERYGT2	18.000	1	629068	173.4	168.35	CC		Existing			
MISO	IA	EMERYST1	18.000	1	629069	256	200	CC		Existing			
MISO	IA	ENXCO G1	0.5700	1	636238	200	40	Wind		Existing		Yes	
MISO	MN	EXCLSRG1	18.000	1	608619	234	197.016	Coal		Planned			
MISO	MN	EXCLSRG2	18.000	2	608620	234	197.016	Coal		Planned			
MISO	MN	EXCLSRG3	18.000	3	608621	250	209.078	Coal		Planned			
MISO	MN	FEN 83G	13.800	3	600038	68	68	CT Oil		Existing			



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MISO	MN	FEN 84G	13.800	4	600039	68	68	CT Oil	Existing			
MISO	MN	FEP CT G	18.000	1	600050	300	150	CC	Existing			
MISO	MN	FEP ST G	13.800	2	600125	100	100	CT Gas	Existing			Non-MISO
MISO	MN	FIBROMN7	115.00	1	603185	50	50	ST Other	Existing			
MISO	WI	FOXENCT1	18.000	1	699557	162.2	162.2	CC	Existing			
MISO	WI	FOXENCT2	18.000	1	699558	159.8	159.8	CC	Existing			
MISO	WI	FOXENST1	18.000	1	699559	238.4	238	CC	Existing			
MISO	IA	FOXLK53G	13.800	3	629046	96	88.7	ST Gas	Existing			
MISO	IA	FOXLKG19	13.800	1	629051	12.4	12.6	ST Gas	Existing			
MISO	IA	FOXLKG29	13.800	2	629052	12	0	ST Gas	Existing			
MISO	IA	FOXLKG49	13.800	4	629053	21.3	18.79	CT Oil	Existing			
MISO	MN	FREDRICG	34.500	1	605500	14.3	14.3	CT Oil	Existing			
MISO	MN	FRENCH G	69.000	1	605317	14	14	ST Other	Existing			
MISO	MN	FRENCH G	69.000	2	605317	14	14	ST Other	Existing			
MISO	WI	FWDEC G1	0.5750	W	699870	129	25.8	Wind	Existing		Yes	
MISO	MN	G162-1 W	0.5750	W	600068	50	50	Wind	Existing		Yes	
MISO	MN	G162-2 W	0.5750	W	600096	50	50	Wind	Existing		Yes	
MISO	MN	G162-3 W	0.5750	W	600097	50	50	Wind	Existing		Yes	
MISO	MN	G162-4 W	0.5750	W	600098	50	50	Wind	Existing		Yes	
MISO	IA	G172_G1	34.500	1	631157	200	100	Wind	Existing		Yes	
MISO	IA	G172_G2	34.500	1	631158	100	58	Wind	Existing		Yes	
MISO	MN	G176-1 W	0.5750	W	600077	50	50	Wind	Existing		Yes	
MISO	MN	G176-2 W	0.5750	W	600099	50	50	Wind	Existing		Yes	
MISO	MN	G255-1 W	0.5750	W	600069	50	50	Wind	Existing		Yes	
MISO	MN	G255-1 W	0.6000	W	600078	50	50	Wind	Existing		Yes	
MISO	IA	G298_WF9	34.500	1	629984	100	20	Wind	Existing		Yes	
MISO	IA	G358_WF9	34.500	1	629983	35	35	Wind	Existing		Yes	
MISO	IA	G375_WFG	0.6900	1	629009	19.8	19.335	Wind	Existing		Yes	
MISO	IA	G426/538_WF	534.500	1	629147	100	20	Wind	Existing		Yes	



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MISO	IA	G426/538_WF534.500	2	629147	50	10	Wind		Existing		Yes	
MISO	IA	G540_WF5 34.500	1	631150	80	16	Wind		Existing		Yes	
MISO	IA	G548_WF5 34.500	1	631151	80	16	Wind		Existing		Yes	
MISO	IA	G551-G1 34.500	W	693756	99	4.95	Wind		Existing		Yes	
MISO	IA	G573_WFA9 34.500	1	631172	100	12	Wind		Existing		Yes	
MISO	IA	G573_WFB9 34.500	1	631173	100	12	Wind		Existing		Yes	
MISO	IA	G595_WF9 34.500	1	631152	150	30	Wind		Existing		Yes	
MISO	IA	G604_WF9 34.500	1	629988	44	8.8	Wind		Existing			
MISO	IA	G612_WF9 34.500	1	631153	150	30	Wind		Existing		Yes	
MISO	IA	G735_WF5 34.500	1	629987	200	40	Wind		Existing		Yes	
MISO	IA	G735_WF5 34.500	2	629987	66	13.2	Wind		Existing		Yes	
MISO	IA	G798_WF9 34.500	1	629993	150	30	Wind		Existing			
MISO	IA	GDMECGT1 18.000	1	635691	164	164	CC		Existing			
MISO	IA	GDMECGT2 18.000	2	635692	164	164	CC		Existing			
MISO	IA	GDMECST3 18.000	3	635693	190	190	CC		Existing			
MISO	MN	GENBUS G 6.6000	9	608760	36.2	29.803			Existing			
MISO	IA	GENESE08 69.000	8	638091	26.4	0	CT Gas		Existing			
MISO	IN	GEORGETOWN 113.800	1G	254801	79	79	CT Gas		Existing			
MISO	IN	GEORGETOWN 213.800	2G	254802	75	75	CT Gas		Existing			
MISO	IN	GEORGETOWN 313.800	3G	254803	75	75	CT Gas		Existing			
MISO	IN	GEORGETOWN 413.800	4G	254804	79	79	CT Gas		Existing			
MISO	WI	GER GT1 13.800	1	699323	50	44	CT Oil		Existing			
MISO	WI	GER GT2 13.800	2	699324	50	44	CT Oil		Existing			
MISO	WI	GER GT3 13.800	3	699325	50	44	CT Oil		Existing			
MISO	WI	GER GT4 13.800	4	699326	50	44	CT Oil		Existing			
MISO	WI	GER GT5 13.800	5	699322	78	78	CT Gas		Existing			
MISO	IA	GERLED 69.000	W1	637469	10.5	2.1	Wind		Existing		Yes	Non-MISO
MISO	MI	GLADSTN 12.500	1	698724	17.2	8.6	CT Oil		Existing			
MISO	ND	GLENDCT7 115.00	2	661032	42	42	CT Gas		Existing			



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MISO	ND	GLENDCT7 115.00	1	661032	35	34	CT Gas		Existing			
MISO	MN	GLNCOMU7 115.00	1	603189	34.1	34.1	CT Oil		Existing			Non-MISO
MISO	WI	GLR HL WTG1 0.6900	W	693698	99	19.8	Wind		Planned	2011	Yes	
MISO	WI	GLR HL WTG2 0.6900	W	693722	150	30	Wind		Planned	2011	Yes	
MISO	MO	GOSCK 1 13.800	1	345998	73.3	73.3	CT Gas		Existing			
MISO	MO	GOSCK 2 13.800	2	345999	73.3	73.3	CT Gas		Existing			
MISO	MO	GOSCK 3 13.800	3	346000	73.3	73.3	CT Gas		Existing			
MISO	MO	GOSCK 4 13.800	4	346001	73.3	73.3	CT Gas		Existing			
MISO	MO	GOSCK 5 13.800	5	346002	73.3	73.3	CT Gas		Existing			
MISO	MO	GOSCK 6 13.800	6	346003	73.3	73.3	CT Gas		Existing			
MISO	MI	GRAYLING C13.800	1	256423	36	36	ST Other		Existing			
MISO	MN	GRE-CAMBRDG869.000	1	615051	29.4	21.2	CT Oil		Existing			
MISO	MN	GRE-CGS 82G16.000	1	615052	170	139.4453	CT Gas		Existing			
MISO	MN	GRE-COAL 41G22.000	1	615001	620	618.6	ST Coal		Existing			
MISO	MN	GRE-COAL 42G22.000	2	615002	620	400	ST Coal		Existing			
MISO	MN	GRE-ELK RIV869.000	3	615020	22	17.1	ST Gas		Existing			
MISO	MN	GRE-ELK RIV869.000	1	615020	13.5	9.1	ST Gas		Existing			
MISO	MN	GRE-ELK RIV869.000	2	615020	13.5	9.5	ST Gas		Existing			
MISO	MN	GRE-ELMCWNDW0.6000	W	615104	100	20	Wind		Existing		Yes	
MISO	MN	GRE-ER 14G 16.000	1	615021	340	170	CT Gas		Existing			
MISO	MN	GRE-LGS 31G13.800	1	615041	91.6	82.8	CT Gas		Existing			
MISO	MN	GRE-LGS 32G13.800	2	615042	91.6	81.3	CT Gas		Existing			
MISO	MN	GRE-LGS 33G13.800	3	615043	91.6	80.6	CT Gas		Existing			
MISO	MN	GRE-LGS 34G13.800	4	615044	91.6	80.5	CT Gas		Existing			
MISO	MN	GRE-LGS 35G13.800	5	615045	91.6	82.5	CT Gas		Existing			
MISO	MN	GRE-LGS 36G13.800	6	615046	91.6	82	CT Gas		Existing			
MISO	MN	GRE-MAPLE 1G69.000	1	615070	29.4	19.2	CT Oil		Planned			
MISO	WI	GRENFLD WTG 0.6000	W	693579	72.6	14.5	Wind		Existing		Yes	
MISO	MN	GRE-PSTRWNDW0.6000	W	615120	100	20	Wind		Existing		Yes	



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MISO	MN	GRE-PVS 51G16.000	1	615031	177.6	150.1	CT Gas		Existing			
MISO	MN	GRE-PVS 52G16.000	2	615032	178.3	151.5	CT Gas		Existing			
MISO	MN	GRE-PVS 53G13.800	3	615033	132.75	115.3	CT Gas		Existing			
MISO	MN	GRE-ROCKLK1G69.000	1	615080	29.4	21.2	CT Oil		Existing			
MISO	MN	GRE-SPRITWDG13.200	1	615015	102.6	99	Wind		Existing		Yes	
MISO	MN	GRE-STANT41G18.000	1	615010	188	188	ST Coal		Existing			
MISO	MN	GRE-TRIMWNDW0.5750	W	615100	100.5	20.1	Wind		Existing		Yes	
MISO	MN	GRNDMDW W 0.5750	W	600100	105.26	100	Wind		Existing		Yes	
MISO	IA	GRNL CT8 69.000	1	630399	30	22.71	CT Gas		Existing			
MISO	IA	GRNL CT8 69.000	2	630399	25	20.38	CT Gas		Existing			
MISO	WI	GRNL WTG 0.5750	W	693556	160	32	Wind		Conceptual		Yes	
MISO	MN	GRNT CTY 1G 13.800	2	600126	15.5	15.5	CT Gas		Existing			
MISO	MN	GRNT CTY 1G 13.800	1	600126	15.2	15.2	CT Gas		Existing			
MISO	MN	GRNT CTY 2G 13.800	3	600127	15.3	15.3	CT Gas		Existing			
MISO	MN	GRNT CTY 2G 13.800	4	600127	14.5	14.5	CT Gas		Existing			
MISO	IA	GT SUB 8 69.000	2	638032	28	0	CT Gas		Existing			Non-MISO
MISO	IA	GT SUB 8 69.000	1	638032	24	0	CT Gas		Existing			Non-MISO
MISO	MN	GWM W 0.6000	W	600049	18.5	18.5	Wind		Existing		Yes	
MISO	MN	GWM W 0.6000	W2	600049	18.25	18.25	Wind		Existing		Yes	
MISO	IA	HABER 8 69.000	3	638007	15.6	15	ST Coal		Existing			
MISO	IA	HABER 8 69.000	1	638007	15	13.3	ST Coal		Existing			
MISO	IA	HABER 8 69.000	5	638007	11.6	11.6	ST Coal		Existing			
MISO	IA	HANCWIND 25.000	1	629084	100	5.18	Wind		Existing		Yes	
MISO	MI	HARDY H7.5000	1	256455	32.4	10	Pumped Hydro Storage		Existing			
MISO	MN	HBR C71G 18.000	7	600065	200	200	CC		Existing			
MISO	MN	HBR C72G 18.000	8	600066	200	200	CC		Existing			
MISO	MN	HBR S73G 18.000	9	600067	210	210	CC		Existing			
MISO	MN	HERC G 13.800	1	600128	33.7	33.7	#N/A		Existing			
MISO	ND	HESKET1G 13.800	1	661044	30.2	30	ST Coal		Existing			



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MISO	ND	HESKET2G	13.800	2	661045	81.6	38.5188	ST Coal		Existing			
MISO	ND	HETLAND7	115.00	1	620209	19.7	19.7	CT Oil		Existing			
MISO	MN	HIBBARD7	115.00	3	608676	34.5	34.5	ST Coal		Existing			
MISO	MN	HIBBARD7	115.00	4	608676	34.5	34.5	ST Coal		Existing			
MISO	MN	HIPRAIRIW	0.5750	W	600058	98.9	98.9	Wind		Existing		Yes	
MISO	MI	HODENPYL	H7.2000	1	256460	18.4	4	CC		Existing			
MISO	WI	HOLCOMB G	6.9000	1	600129	35.18	36	Hydro Run-of-River		Existing			
MISO	ND	HOOTLK2G	13.800	2	620323	63.6	63.6	ST Coal		Existing			
MISO	ND	HOOTLK3G	13.800	3	620324	88.1	88.1	ST Coal		Existing			
MISO	IA	HUMMEL	69.000	W1	637485	10.5	2.1	Wind		Existing		Yes	Non-MISO
MISO	MN	IMTRA-1G	6.6000	2	608759	11.4	4.6	Hydro Run-of-River		Existing			
MISO	IA	INDMUNI8	69.000	2	638076	20	0	CT Oil		Existing			
MISO	IA	INDMUNI8	69.000	1	638076	19	10.8	CT Oil		Existing			
MISO	IA	INDMUNI8	69.000	3	638076	13	10.7	CT Oil		Existing			
MISO	IL	INTERSTA	138.00	1	343505	114	80	CT Gas		Existing			
MISO	MN	INV 71G	13.800	1	600026	50	50	CT Oil		Existing			
MISO	MN	INV 72G	13.800	2	600027	50	50	CT Oil		Existing			
MISO	MN	INV 73G	13.800	3	600028	50	50	CT Oil		Existing			
MISO	MN	INV 74G	13.800	4	600029	50	50	CT Oil		Existing			
MISO	MN	INV 75G	13.800	5	600030	50	50	CT Oil		Existing			
MISO	MN	INV 76G	13.800	6	600031	50	50	CT Oil		Existing			
MISO	WI	J079_80	138.00	N1	927513	24	1.2	Wind		Conceptual			
MISO	WI	KEW G1	20.000	1	699631	579	579	Nuclear		Existing			
MISO	MN	KING 31G	20.000	1	600006	555	555	ST Coal		Existing			
MISO	IA	KNOXIND8	69.000	4	635853	16	16	CT Oil		Existing			
MISO	WI	LAKBRZ G	0.6900	W	693584	98	19.6	Wind		Planned	2013	Yes	
MISO	WI	LAKF G9	13.800	9	699653	57.4	54.8	Steam Turbine (e		Existing			
MISO	ND	LANGWIN7	115.00	1	657703	99	21	Wind		Existing		Yes	
MISO	ND	LANGWIN7	115.00	2	657703	40.5	8.1	Wind		Existing		Yes	



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MISO	ND	LANGWIN7	115.00	4	657703	40	9	Wind		Existing		Yes	
MISO	ND	LANGWIN7	115.00	3	657703	19.5	3.9	Wind		Existing		Yes	
MISO	IA	LANS5 3G	22.000	3	629073	44	37.99	ST Coal		Existing			
MISO	IA	LANS5 4G	22.000	4	629072	277	277	ST Coal		Existing			
MISO	IA	LANSING8	69.000	2	630003	11	10.72	CT Oil		Existing			
MISO	MN	LASKIN 7	115.00	1	608702	61	55.006	ST Coal		Existing			
MISO	MN	LASKIN 7	115.00	2	608702	61	52.005	ST Coal		Existing			
MISO	WI	LDGE WD WTG	0.6900	W	693642	150	60	Wind		Planned	2013	Yes	
MISO	IA	LEHIGH 3	345.00	N1	636010	300	25	Wind		Conceptual		Yes	
MISO	IA	LOUIS31G	24.000	1	636641	805	805	ST Coal		Existing			
MISO	MN	LSP CT G	13.200	C	600017	177.3	177.3	CC		Existing			
MISO	MN	LSSTEAMG	13.200	S	600018	106.2	106.2	CC		Existing			
MISO	MN	LUVERNE4	230.00	1	657702	58.5	0	Wind		Existing		Yes	Non-MISO
MISO	MN	LUVERNE4	230.00	2	657702	50	30	Wind		Existing		Yes	Non-MISO
MISO	MN	MEC-CT1	15.000	1	600047	188.5	188.5	CC		Existing			
MISO	MN	MEC-ST	19.500	1	600046	183.48	183.4	CC		Existing			
MISO	MN	MERRICT 1G	0.5750	W	600119	50	10	Wind		Planned		Yes	
MISO	MN	MERRICT 2G	0.5750	W	600120	50	10	Wind		Planned		Yes	
MISO	MN	MERRICT 3G	0.5750	W	600121	50	10	Wind		Planned		Yes	
MISO	MI	MI-C STA	345345.00	N1	700306	500	25	Wind		Conceptual		Yes	
MISO	MI	MI-D STA	345345.00	N1	700307	500	25	Wind		Conceptual		Yes	
MISO	MN	MN RIVER2 G	18.000	2	600015	180	100	CT Gas		Existing			Non-MISO
MISO	MN	MNRIVRG1	13.800	1	600019	49.9	49.9	CT Gas		Existing			
MISO	MN	MNTCE31G	22.000	1	600005	568	568	Nuclear		Existing			
MISO	IA	MONTGG19	13.800	1	629054	22.2	19.84	CT Oil		Existing			
MISO	IA	MPW 9G	20.000	9	633009	170	162.2308	ST Coal		Existing			
MISO	IA	MPW GEN8	69.000	8	633408	75	50	ST Coal		Existing			
MISO	IA	MPW GEN8	69.000	7	633408	22	0	ST Coal		Existing			
MISO	IA	MPW GEN8	69.000	A	633408	18.8	15	ST Coal		Existing			



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MISO	IA	MQOKETA9	34.500	1	629091	28.2	0	Hydro Run-of-River	Existing			
MISO	MI	MQT STM	69.000	3	699895	46.6	46	ST Coal	Existing			
MISO	MI	MQT STM	69.000	4	699895	21.7	21	CT Oil	Existing			
MISO	MI	MQT STM	69.000	2	699895	20.6	20	ST Coal	Existing			
MISO	MI	MQT STM	69.000	1	699895	13.2	13	ST Coal	Existing			
MISO	IA	M-TOWN 5	161.00	3C	631081	58	56.72	CT Oil	Existing			
MISO	IA	M-TOWN 7	115.00	1C	631004	58	55.32	ST Coal	Existing			
MISO	IA	M-TOWN 7	115.00	2C	631004	58	53.84	ST Coal	Existing			
MISO	IA	M-TOWN 7	115.00	1S	631004	35	30.736	ST Coal	Existing			
MISO	IA	M-TOWN 7	115.00	2S	631004	35	31.027	ST Coal	Existing			
MISO	IA	M-TOWN3G	13.800	3S	629047	82	77.95	ST Coal	Existing			
MISO	IA	N CENT8	69.000	1	630373	31	23.94	CT Oil	Existing			
MISO	IA	N CENT8	69.000	2	630373	25.1	25.84	CT Oil	Existing			
MISO	IA	NEAL 1G	18.000	1	635211	143	143	ST Coal	Existing			
MISO	IA	NEAL 2G	20.000	2	635212	318	318	ST Coal	Existing			
MISO	IA	NEAL 3G	22.000	3	635213	539.8	487.6334	ST Coal	Existing			
MISO	IA	NEAL 4G	24.000	4	635214	679	679	ST Coal	Existing			
MISO	WI	NED G1	13.800	1	699000	112.66	112.66	ST Coal	Existing			
MISO	WI	NED G2	13.800	2	699001	111.82	111.82	ST Coal	Existing			
MISO	WI	NEEVIN	18.000	1	699552	150	150	CT Gas	Existing			
MISO	WI	NEEVIN	18.000	2	699552	150	150	CT Gas	Existing			
MISO	MN	NEWULMS8	69.000	7	605079	30	30	CT Oil	Existing			Non-MISO
MISO	MN	NEWULMS8	69.000	5	605079	28	28	CT Oil	Existing			Non-MISO
MISO	MN	NEWULMS8	69.000	4	605079	13.2	13.2	CT Oil	Existing			Non-MISO
MISO	IA	NIW 5	161.00	2	631036	110	18	Wind	Existing		Yes	
MISO	IA	NIW 5	161.00	1	631036	80	7	Wind	Existing		Yes	
MISO	MN	NOB_1G	0.5750	W	600101	50	10.2	Wind	Existing		Yes	
MISO	MN	NOB_2G	0.5750	W	600112	50	10	Wind	Existing		Yes	
MISO	MN	NOB_3G	0.5750	W	600113	50	10	Wind	Existing		Yes	



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MISO	MN	NOB_4G	0.5750	W	600114	50	10	Wind		Existing		Yes	
MISO	WI	NOM 138	138.00	N1	699036	500	25	Wind		Conceptual		Yes	
MISO	ND	ODIN WFW	0.6000	W1	658025	20	0	Wind		Existing		Yes	Non-MISO
MISO	WI	OK C G1	25.000	1	699389	615	615	ST Coal		Existing			
MISO	WI	OK C G2	25.000	2	699390	615	615	ST Coal		Existing			
MISO	WI	OK C G5	18.000	H	699385	145	145	ST Coal		Existing			
MISO	WI	OK C G5	18.000	L	699385	116	116	ST Coal		Existing			
MISO	WI	OK C G6	18.000	H	699386	147	147	ST Coal		Existing			
MISO	WI	OK C G6	18.000	L	699386	117	117	ST Coal		Existing			
MISO	WI	OK C G7	18.000	H	699387	169	169	ST Coal		Existing			
MISO	WI	OK C G7	18.000	L	699387	129	129	ST Coal		Existing			
MISO	WI	OK C G8	18.000	8	699388	314	310	ST Coal		Existing			
MISO	MN	OLVRCNT2	0.6900	1	608606	49.5	49.5	Wind		Existing		Yes	
MISO	MN	OLVRCNTY	0.6900	1	608603	50.6	20	Wind		Existing		Yes	
MISO	IA	OTTUMW1G	24.000	1	629075	765	764	ST Coal		Existing			
MISO	IN	PETERSBURG	120.000	1	254811	232	184.7147	ST Coal		Existing			
MISO	IN	PETERSBURG	222.000	2	254812	435	435	ST Coal		Existing			
MISO	IN	PETERSBURG	322.000	3	254813	540	540	ST Coal		Existing			
MISO	IN	PETERSBURG	422.000	4	254814	545	545	ST Coal		Existing			
MISO	IA	PHILL 1G	13.800	1	635801	37.5	37.5	CT Gas		Existing			
MISO	IA	PHILL 2G	13.800	2	635802	37.5	37.5	CT Gas		Existing			
MISO	IA	PHILL 3G	13.800	3	635803	85	85	CT Oil		Existing			
MISO	WI	PL PRG1	24.000	1	699430	594	558.0062	ST Coal		Existing			
MISO	WI	PL PRG2	24.000	2	699431	594	594	ST Coal		Existing			
MISO	IA	POCHNTG1	0.5750	1	636027	94.5	18.9	Wind		Existing		Yes	
MISO	IA	POCHNTG2	0.5750	2	636033	103.5	20.7	Wind		Existing		Yes	
MISO	IA	POCHNTG3	0.5750	3	636035	51	10.2	Wind		Existing		Yes	
MISO	WI	POWCTG11	18.000	1	699453	153.7	153.7	CC		Existing			
MISO	WI	POWCTG12	18.000	1	699455	153.7	153.7	CC		Existing			



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MISO	WI	POWCTG21	18.000	1	699457	153.7	153.7	CC		Existing			
MISO	WI	POWCTG22	18.000	1	699459	153.7	153.7	CC		Existing			
MISO	WI	POWSTG10	18.000	1	699454	227.6	227.6	CC		Existing			
MISO	WI	POWSTG20	18.000	1	699458	227.6	227.6	CC		Existing			
MISO	IA	PR CRK1G	34.500	A	629085	26.5	17.57	ST Gas		Existing			
MISO	IA	PR CRK1G	34.500	1A	629085	16.3	2.562	ST Gas		Existing			
MISO	IA	PR CRK4G	18.000	4	629066	162.5	100	ST Coal		Existing			
MISO	MN	PR IS31G	20.000	1	600003	520	520	Nuclear		Existing			
MISO	MN	PR IS32G	20.000	2	600004	524	524	Nuclear		Existing			
MISO	IN	PRITCHARD 1	13.800	1	254821	39	39	ST Oil		Existing			
MISO	IN	PRITCHARD 2	13.800	2	254822	39	39	ST Oil		Existing			
MISO	IN	PRITCHARD 3	13.800	3	254823	43	43	ST Coal		Existing			
MISO	IN	PRITCHARD 4	13.800	4	254824	56	56	ST Coal		Existing			
MISO	IN	PRITCHARD 5	13.800	5	254825	62	62	ST Coal		Existing			
MISO	IN	PRITCHARD 6	13.800	6	254826	99	99	ST Coal		Existing			
MISO	WI	PRS GT1	13.800	1	699403	88	88	CT Gas		Existing			
MISO	WI	PRS GT2	13.800	2	699404	88	88	CT Gas		Existing			
MISO	WI	PRS GT3	13.800	3	699405	88	88	CT Gas		Existing			
MISO	WI	PRS GT4	13.800	4	699406	88	88	CT Gas		Existing			
MISO	MI	PSQI G5	13.800	5	698770	88	88	ST Coal		Existing			
MISO	MI	PSQI G6	13.800	6	698771	88	88	ST Coal		Existing			
MISO	MI	PSQI G7	13.800	7	698772	85	85	ST Coal		Existing			
MISO	MI	PSQI G8	13.800	8	698773	85	85	ST Coal		Existing			
MISO	MI	PSQI G9	13.800	9	698774	85	85	ST Coal		Existing			
MISO	WI	PT BHG1	19.000	1	699434	617.06	617.06	Nuclear		Existing			Existing capacity = 495.4 , 2011 capacity = 617.06
MISO	WI	PT BHG2	19.000	2	699435	617.06	617.06	Nuclear		Existing			Existing capacity = 502.4, 2011 capacity = 617.06
MISO	WI	PUL G31	13.800	1	699597	78.4	51	CT Gas		Existing			
MISO	WI	PUL G5	13.800	5	699591	49.1	49.1	ST Coal		Existing			
MISO	WI	PUL G6	13.800	6	699595	67.1	65	ST Coal		Existing			



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MISO	WI	PUL G7	13.800	7	699590	78.6	27.9924	ST Coal		Existing			
MISO	WI	PUL G8	16.000	8	699594	125.5	125.5	ST Coal		Existing			
MISO	WI	QLT B W1	0.6000	W	698979	25.2	5	Wind		Planned	2013	Yes	
MISO	WI	QLT B W2	0.6000	W	699839	25.2	6.632	Wind		Planned	2013	Yes	
MISO	WI	QLT B W3	0.6000	W	699862	25.2	5	Wind		Planned	2013	Yes	
MISO	WI	QLT B W4	0.6000	W	699863	23.1	4.6	Wind		Planned	2013	Yes	
MISO	IA	R15 1W	0.6900	W1	636038	40	2	Wind		Existing		Yes	
MISO	IA	R15 2W	0.6900	W2	636039	40	2	Wind		Existing		Yes	
MISO	IA	R23 W	0.5750	W	635332	100	5	Wind		Existing		Yes	
MISO	IA	R25 W	0.6900	W	635410	50	2.5	Wind		Existing		Yes	
MISO	IA	R29 W	0.5750	W	635336	100.8	5.04	Wind		Existing		Yes	
MISO	IA	R38 W	0.6900	W	635592	200	10	Wind		Existing		Yes	
MISO	IA	R39 1W	0.5750	W1	635404	166.5	8.325	Wind		Existing		Yes	
MISO	IA	R39 2W	0.5750	W2	635405	166.5	8.325	Wind		Existing		Yes	
MISO	IA	R39 3W	0.5750	W3	635406	168	8.4	Wind		Existing		Yes	
MISO	IA	R41 W	0.6900	W	635596	100	5	Wind		Existing		Yes	
MISO	IL	RAILSPLITTER	0.6000	1	349723	100.5	0	Wind		Existing		Yes	
MISO	MN	REDWING8	69.000	1	605181	21	21	ST Gas		Existing			
MISO	IL	REYNOLDS	69.000	1	343504	14	0	CT Oil		Existing			
MISO	ND	RGBYWND9	34.500	1	620168	150	37.5	Wind		Existing		Yes	
MISO	MN	RICH_VA7	115.00	1	603129	12	12	Landfill gas		Existing			
MISO	MN	RIV C71G	18.000	9	600070	203.1	203.1	Combustion Turbi		Planned			
MISO	MN	RIV C72G	18.000	10	600071	203.1	203.1	Combustion Turbi		Planned			
MISO	WI	RIV NG1	16.000	ST	699131	280.28	280.28	CC		Existing			
MISO	WI	RIV NG2	18.000	C1	699132	162.21	162.21	CC		Existing			
MISO	WI	RIV NG3	18.000	C2	699133	160.44	160.44	CC		Existing			
MISO	MN	RIVRS77G	14.000	7	600007	150.3	150.3	ST Coal		Existing			
MISO	IA	RIVSID5G	15.000	5	636655	124	124	ST Coal		Existing			
MISO	IA	RLHILLSW	0.5750	W1	635102	250	50	Wind		Planned		Yes	



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MISO	WI	ROR G3	13.800	3	699042	26.09	26.09	CT Oil	Existing			
MISO	WI	ROR G5	13.800	5	699043	52.29	52.29	CT Oil	Existing			
MISO	WI	ROR G6	13.800	6	699044	54	54	CT Oil	Existing			
MISO	IA	RVHLS12G	13.200	1	635791	16.1	0	CT Gas	Existing			
MISO	IA	RVHLS12G	13.200	2	635791	16.1	0	CT Gas	Existing			
MISO	IA	RVHLS34G	13.200	3	635792	16.1	14.5	CT Gas	Existing			
MISO	IA	RVHLS34G	13.200	4	635792	16.1	14.5	CT Gas	Existing			
MISO	IA	RVHLS56G	13.200	5	635793	16	14.5	CT Gas	Existing			
MISO	IA	RVHLS56G	13.200	6	635793	16	14.5	CT Gas	Existing			
MISO	IA	RVHLS78G	13.200	7	635794	16	14.5	CT Gas	Existing			
MISO	IA	RVHLS78G	13.200	8	635794	16	14.5	CT Gas	Existing			
MISO	MN	RVRFLSMG	69.000	1	600073	20	20	CT Oil	Existing			Non-MISO
MISO	MN	SBAYP 1G	13.800	1	608763	50	40.004	ST Coal	Existing			
MISO	MN	SBAYP 2G	13.800	2	608766	76.8	70.007	ST Coal	Existing			
MISO	WI	SEC CT1	18.000	1	699866	145.1	145.1	CT Gas	Existing			
MISO	WI	SEC CT2	18.000	2	699867	145	145	CT Gas	Existing			
MISO	WI	SFL G1	12.400	1	699190	79.52	79.52	CT Gas	Existing			
MISO	WI	SFL G2	12.400	2	699191	78.62	78.62	CT Gas	Existing			
MISO	WI	SFL G3	12.400	3	699192	80.78	80.78	CT Gas	Existing			
MISO	WI	SFL G4	12.400	4	699193	82.23	82.23	CT Gas	Existing			
MISO	MN	SHERC31G	24.000	1	600000	701	701	ST Coal	Existing			
MISO	MN	SHERC32G	24.000	2	600001	706	475.6177	ST Coal	Existing			
MISO	MN	SHERC33G	26.000	3	600002	884	884	ST Coal	Existing			
MISO	MI	SHOCKLEY	C13.800	1	256420	40	35	ST Other	Existing			
MISO	MN	SILVER L	161.00	4	625440	60	59	ST Coal	Existing			Non-MISO
MISO	MN	SILVER L	161.00	3	625440	23	23	ST Coal	Existing			Non-MISO
MISO	MN	SILVER L	161.00	2	625440	13.5	12	ST Coal	Existing			Non-MISO
MISO	IA	SLAKES 8	69.000	1	630385	40	33.21	CC	Existing			
MISO	IA	SLAKES 8	69.000	2	630385	39	32.36	CC	Existing			



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MISO	MN	SMP-WAPS- W 34.500	2	613097	100	20	Wind		Existing		Yes	
MISO	ND	SOLWAY 7 115.00	1	620285	43.5	43.5	CT Gas		Existing			
MISO	ND	SOLWAY 7 115.00	X	620285	43.5	43.5	CT Gas		Existing			
MISO	IA	SPENCRMU 69.000	1	637555	20	0	GT Kerosene		Existing			Non-MISO
MISO	MN	STCRX 5G 161.00	1	605394	23.9	12	Hydro Run-of-River		Existing			
MISO	MN	STJ EAS8 69.000	1	605075	10.2	10.2	CT Oil		Existing			Non-MISO
MISO	WI	STONYBRK W TG0.6000	W	693688	98.7	19.7	Wind		Planned	2012	Yes	
MISO	IN	STOUT 3 13.800	3	254843	35	35	ST Oil		Existing			
MISO	IN	STOUT 4 13.800	4	254844	35	35	ST Oil		Existing			
MISO	IN	STOUT 5 13.800	5	254845	106	106	ST Coal		Existing			
MISO	IN	STOUT 6 13.800	6	254846	106	106	ST Coal		Existing			
MISO	IN	STOUT 7 22.000	7	254847	427	427	ST Coal		Existing			
MISO	IN	STOUT CT1-3 13.800	1G	254851	20	20	CT Oil		Existing			
MISO	IN	STOUT CT1-3 13.800	2G	254851	20	20	CT Oil		Existing			
MISO	IN	STOUT CT1-3 13.800	3G	254851	20	20	CT Oil		Existing			
MISO	IN	STOUT CT4 13.800	4G	254854	82	82	CT Gas		Existing			
MISO	IN	STOUT CT5 13.800	5G	254855	82	82	CT Gas		Existing			
MISO	IN	STOUT CT6 18.000	6G	254856	158	158	CT Gas		Existing			
MISO	MN	STP CO1G 13.800	1	600040	25	25	ST Other		Existing			
MISO	MI	STRAITS P13.800	1	256426	16	16	CT Gas		Existing			
MISO	MN	STSN GTG 115.00	1	608703	160	160	CT Gas		Existing			
MISO	IA	SYCAMRG1 13.800	1	635708	79	79	CT Gas		Existing			
MISO	IA	SYCAMRG2 13.800	2	635709	79	79	CT Gas		Existing			
MISO	MN	TAC HBRG 13.200	1	608693	84.5	72	ST Coal		Existing			
MISO	MN	TAC HBRG 13.200	2	608693	84.5	70.007	ST Coal		Existing			
MISO	MN	TAC HBRG 13.200	3	608693	84.5	70.007	ST Coal		Existing			
MISO	MN	TACRIDG9 34.500	1	608800	25	5	Wind		Planned		Yes	
MISO	MN	TATANKAW 12.000	W	661999	180	36	Wind		Existing		Yes	
MISO	MN	THOMSON7 115.00	6	608665	77.3	55.006	Hydro Run-of-River		Existing			



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MISO	IA	TMBRCRK9	34.500	5	629133	12.9	5.725	CT Gas	Existing			
MISO	MI	UNIT1	13.200	1	263819	40	40	ST Coal	Existing			
MISO	MI	UNIT2	13.200	1	263820	43	43	ST Coal	Existing			
MISO	MI	UNIT3	13.200	1	263821	41	41	ST Coal	Existing			
MISO	MI	UNIT4	13.200	1	263822	66	66	ST Coal	Existing			
MISO	MI	UNIT5	13.200	1	263823	68	68	ST Coal	Existing			
MISO	MI	UNIT6	13.200	1	263824	66	66	ST Coal	Existing			
MISO	WI	UNIV GT	13.800	1	699514	150.5	138.5	CC	Existing			
MISO	WI	UNIV ST	13.800	2	699515	98	98	CC	Existing			
MISO	WI	VALLYG1	13.800	1	699506	140	127	ST Coal	Existing			
MISO	WI	VALLYG2	13.800	2	699507	140	140	ST Coal	Existing			
MISO	MN	VELVA W	0.6000	W	600059	12	11.88	Wind	Existing		Yes	
MISO	IA	VICTRYG1	0.5750	1	635312	99	19.8	Wind	Existing		Yes	
MISO	IA	WALNUTW1	0.5750	1	635044	75	15	Wind	Existing		Yes	
MISO	IA	WALNUTW2	0.5750	1	635045	75	15	Wind	Existing		Yes	
MISO	WI	WCCF CT1	13.800	1	699180	40.8	40.8	CC	Existing			
MISO	WI	WCCF CT2	13.800	1	699181	40.4	40.4	CC	Existing			
MISO	WI	WCCF STM	13.800	1	699182	66.2	66.2	CC	Existing			
MISO	IA	WEBSTER3	345.00	N1	636000	300	25	Wind	Conceptual		Yes	
MISO	WI	WEM 34	13.800	1	699824	72.9	72.9	CT Gas	Existing			
MISO	WI	WEM G31	13.800	1	699655	33.8	33.7	CT Gas	Existing			
MISO	WI	WEM G32	13.800	2	699660	33.7	32.5	CT Gas	Existing			
MISO	WI	WEM G33	13.800	3	699661	69.7	69.7	CT Gas	Existing			
MISO	WI	WES G1	13.800	1	699679	56.5	56.5	ST Coal	Existing			
MISO	WI	WES G2	13.800	2	699680	83.3	80.4	ST Coal	Existing			
MISO	WI	WES G3	22.000	3	699678	331.3	331.3	ST Coal	Existing			
MISO	WI	WES G31	13.800	Y	699682	15.3	14.7	CT Gas	Existing			
MISO	WI	WES G32	13.800	X	699681	41.7	41.5	CT Gas	Existing			
MISO	WI	WES G4	19.000	4	699662	533.5	526.4	ST Coal	Existing			



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MISO	IL	WHITE OAK G10.6000	1	349131	150	0	Wind		Existing		Yes	
MISO	MN	WHT 51G 13.800	1	600032	53	53	CT Oil		Existing			
MISO	MN	WHT 52G 13.800	2	600033	53	53	CT Oil		Existing			
MISO	MN	WHT 53G 13.800	3	600034	53	53	CT Oil		Existing			
MISO	MN	WHT 54G 13.800	4	600035	53	53	CT Oil		Existing			
MISO	MN	WHT 55G 13.800	5	600036	55	53	CT Oil		Existing			
MISO	MN	WHT 56G 13.800	6	600037	55	53	CT Oil		Existing			
MISO	IA	WISDOM 8 69.000	3	637573	80	80			Existing			
MISO	IA	WISDOM 8 69.000	1	637573	38	37			Existing			
MISO	MN	ERIDGE W 0.6000	W	600061	10	10	Wind		Existing		Yes	
MISO	MN	CHB311_2W 0.6000	W	600102	9	9	Wind		Existing		Yes	
MISO	MN	BRI312_4W 0.6000	W	600109	8.3	8.25	Wind		Existing		Yes	
MISO	MN	WESTPIP W 0.6000	W	600048	8.25	8.25	Wind		Existing		Yes	
MISO	MN	JHNDEER1W 0.5750	W	600122	8	1.6	Wind		Planned		Yes	
MISO	MN	WRIDGE W 0.6000	W	600060	7.3	7.3	Wind		Existing		Yes	
MISO	MN	WOLF W 69.000	W	600062	6.92	6.92	Wind		Existing		Yes	
MISO	IA	WORTHMN8 69.000	W2	630059	6	1.2	Wind		Existing		Yes	
MISO	MN	GRE-CHANWNDW0.6900	W	615108	5.94	1.2	Wind		Existing		Yes	
MISO	WI	RED RVR WTG 0.6900	W	693575	5.94	1.2	Wind		Existing		Yes	
MISO	MN	GRE-CHRJWNDW0.6000	W	615116	5.7	1.1	Wind		Existing		Yes	
MISO	MN	SRIDGE W 0.6900	W	600074	5.4	5.4	Wind		Existing		Yes	
MISO	WI	LINCOLN WTG 0.6900	W	693574	5.28	1.1	Wind		Existing		Yes	
MISO	MN	BRI323_1W 0.6000	W	600087	5	5	Wind		Existing		Yes	
MISO	MN	UILK_G1 0.5750	W	600117	5	4.5	Wind		Existing		Yes	
MISO	MN	CHB341_1W 0.6900	W	600090	4.8	4.8	Wind		Existing		Yes	
MISO	ND	PRAIRIE8 69.000	1	657904	4	4	Wind		Existing		Yes	
MISO	MN	BRI322_2W 0.6000	W	600111	3.75	3.75	Wind		Existing		Yes	
MISO	ND	MAPLE R7 115.00	W	603020	2	2	Wind		Existing		Yes	
MISO	MN	BRI321_2W 0.6000	W	600082	1.98	1.98	Wind		Existing		Yes	



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MISO	MN	BRI323_2W 0.6000	W	600110	1.7	1.65	Wind			Existing		Yes	
MISO	MN	JEFFERSWND W0.6900	W1	600124	1.65	0.4125	Wind			Existing		Yes	
MISO	MN	JEFFERSWND W0.6900	W2	600124	1.65	0.4125	Wind			Existing		Yes	
MISO	MI	ZEELNDFRM C4.1600	1	259374	1.6	1.6	Wind			Existing		Yes	
MISO	MI	ZEELNDFRM C4.1600	2	259374	1.6	1.6	Wind			Existing		Yes	
MISO	MI	WARDEN 1 13.800	1	698790	17.8	9.3	Biomass			Existing		Yes	
NYISO	NY	NIAG. 13 13.800	D	147762	206.2	189.231	WAT	HY		Existing		YES	1
NYISO	NY	AST 4 20.000	1	126655	205.67	147.091	FO6	ST		Existing			
NYISO	NY	AST 5 20.000	1	126656	205.42	200	FO6	ST		Existing			
NYISO	NY	RAV 1 20.000	2	126657	201.53	200	FO6	GT		Existing			
NYISO	NY	ATHENSC1 16.000	1	137456	201.294	190.001	NG	CC		Existing			
NYISO	NY	ATHENSC2 16.000	1	137458	200.658	190.001	NG	CC		Existing			
NYISO	NY	RAV 2 20.000	2	126658	199.44	199.4	FO6	ST		Existing			
NYISO	NY	ATHENSC3 16.000	1	137460	198.878	190.001	NG	CC		Existing			
NYISO	NY	BARETG2 20.000	1	128901	197.5	175.002	NG	ST		Existing			
NYISO	NY	SCS18-G6 18.000	1	126711	196.76	196.8	NG	CC		Existing			
NYISO	NY	BARETG1 20.000	1	128900	194.2	175.002	NG	ST		Existing			
NYISO	NY	Q308_GT1 18.000	1	148708	193.1	0	NG	CC		Planned	May-2011		
NYISO	NY	Q308_GT2 18.000	1	148709	193.1	0	NG	CC		Planned	May-2011		
NYISO	NY	PTJEFG3 20.000	1	129092	192.9	96.02	FO6	ST		Existing			
NYISO	NY	BERN3CT1 16.500	1	148989	192	0	NG	CC		Planned	Jun-2012		
NYISO	NY	BERN3CT2 16.500	1	148990	192	0	NG	CC		Planned	Jun-2012		
NYISO	NY	BERN3CT3 16.500	1	148991	192	0	NG	CC		Planned	Jun-2012		
NYISO	NY	PTJEFG4 20.000	1	129093	188.7	188.7	FO6	ST		Existing			
NYISO	NY	SITH-S5 18.000	5	136719	183.837	160	NG	CC		Existing			
NYISO	NY	SITH-S6 18.000	6	136720	183.837	160	NG	CC		Existing			
NYISO	NY	AST 4 20.000	2	126655	178.93	124.247	FO6	ST		Existing			
NYISO	NY	AST 3 20.000	2	126654	177.02	177	FO6	ST		Existing			



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NYISO	NY	AST 3	20.000	1	126654	175.38	175.4	FO6	ST	Existing			
NYISO	NY	CPV_CT1	16.500	1	148996	174.5	0	NG	CC	Planned	Oct-2012		
NYISO	NY	CPV_CT2	16.500	1	148997	174.5	0	NG	CC	Planned	Oct-2012		
NYISO	NY	AST 5	20.000	2	126656	173.58	160	FO6	ST	Existing			
NYISO	NY	POLETSTG	18.000	1	147789	172.4	171.983	NG	ST	Existing			
NYISO	NY	CAITH-GT	16.500	1	129071	166.7	166.7	NG	CC	Existing			
NYISO	NY	AK 2	20.000	1	126653	166.55	165.85	NG	ST	Existing			
NYISO	NY	AK 2	20.000	2	126653	166.55	165.85	NG	ST	Existing			
NYISO	NY	BESI20G1	20.000	1	137559	161	100	NG	CC	Existing			
NYISO	NY	BESI20G2	20.000	1	137560	161	100	NG	CC	Existing			
NYISO	NY	RAV 1	20.000	1	126657	156.17	155.2	FO6	ST	Existing			
NYISO	NY	BETHGT1	18.000	1	137711	155.388	155.001	NG	CC	Existing			
NYISO	NY	BETHGT2	18.000	1	137712	155.388	155.001	NG	CC	Existing			
NYISO	NY	BETHGT3	18.000	1	137713	155.388	155.001	NG	CC	Existing			
NYISO	NY	RAV 2	20.000	1	126658	154.56	154.6	FO6	ST	Existing			
NYISO	NY	CAYUGA 2	18.000	2	131461	153.5	153.5	BIT	ST	Existing			
NYISO	NY	CAYUGA 1	13.800	1	131462	152.2	152.2	BIT	ST	Existing			
NYISO	NY	SITH-G1	18.000	1	136715	152.131	150	NG	CC	Existing			
NYISO	NY	SITH-G3	18.000	3	136717	152.131	150	NG	CC	Existing			
NYISO	NY	SITH-G4	18.000	4	136718	152.131	150	NG	CC	Existing			
NYISO	NY	SITH-G2	18.000	2	136716	152.131	150	WAT	HY	Existing		YES	1
NYISO	NY	ERGT1	18.000	1	126468	148.5	148.5	NG	CC	Existing			
NYISO	NY	ERGT2	18.000	1	126469	148.4	148.4	NG	CC	Existing			
NYISO	NY	SCS18-G4	18.000	1	126692	147.57	130	NG	CC	Existing			
NYISO	NY	SCS18-G5	18.000	1	126710	147.57	147.6	NG	CC	Existing			
NYISO	NY	POLETGT2	18.000	1	147788	146.7	146.7	NG	CC	Existing			
NYISO	NY	POLETGT1	18.000	1	147790	146.7	146.7	NG	CC	Existing			
NYISO	NY	CAITH-ST	15.750	1	129072	142.9	142.9	NG	ST	Existing			
NYISO	NY	DANSK G3	16.100	3	125194	135.7	135.7	BIT	ST	Existing			



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NYISO	NY	KEYSPG-1	18.000	1	126340	131.7	131.362	NG	CC	Existing			
NYISO	NY	JMC2ST13	13.800	1	137702	127.659	19.6	NG	CC	Existing			
NYISO	NY	GLNWD 4	13.800	1	128953	117	100.001	NG	ST	Existing			
NYISO	NY	GLNWD 5	13.800	1	128954	115.5	100.001	NG	ST	Existing			
NYISO	NY	ATHENSS1	13.800	1	137457	115.306	105.001	NG	CC	Existing			
NYISO	NY	ATHENSS2	13.800	1	137459	114.942	105.001	NG	CC	Existing			
NYISO	NY	ATHENSS3	13.800	1	137461	113.922	105.001	NG	CC	Existing			
NYISO	NY	COGENST1	13.800	1	126664	108.37	65	NG	CC	Existing			
NYISO	NY	COGENST2	13.800	1	126665	108.37	65	NG	CC	Existing			
NYISO	NY	COGENST3	13.800	1	126666	108.37	70	NG	CC	Existing			
NYISO	NY	F.RCKG4	13.800	1	128920	107.2	101.001	NG	ST	Existing			
NYISO	NY	GRNIDG 4	13.800	4	131314	106.3	99	BIT	ST	Existing			
NYISO	NY	HNTLY67G	13.800	1	135800	95	95	BIT	ST	Existing			
NYISO	NY	HNTLY67G	13.800	2	135800	95	95	BIT	ST	Existing			
NYISO	NY	HNTLY68G	13.800	1	135801	95	95	BIT	ST	Existing			
NYISO	NY	HNTLY68G	13.800	2	135801	95	95	BIT	ST	Existing			
NYISO	NY	COGENGT1	13.800	1	126659	94.976	55	NG	CC	Existing			
NYISO	NY	COGENGT2	13.800	1	126660	94.976	55	NG	CC	Existing			
NYISO	NY	COGENGT3	13.800	1	126661	94.976	55	NG	CC	Existing			
NYISO	NY	COGENGT4	13.800	1	126662	94.976	55	NG	CC	Existing			
NYISO	NY	COGENGT5	13.800	1	126663	94.976	65	NG	CC	Existing			
NYISO	NY	DUNKGEN3	13.800	1	135390	93.55	98.3	BIT	ST	Existing			
NYISO	NY	DUNKGEN3	13.800	2	135390	93.55	98.3	BIT	ST	Existing			
NYISO	NY	ER G7	13.200	1	126252	93.5	92.35	FO6	ST	Existing			
NYISO	NY	ER G7	13.200	2	126252	93.5	92.35	FO6	ST	Existing			
NYISO	NY	YORK G4	13.800	1	126683	93.381	93.381	NG	CC	Existing			
NYISO	NY	YORK G3	13.800	1	126686	93.381	93.381	NG	CC	Existing			
NYISO	NY	DUNKGEN4	13.800	1	135391	93.05	93.1	BIT	ST	Existing			
NYISO	NY	DUNKGEN4	13.800	2	135391	93.05	93.1	BIT	ST	Existing			



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NYISO	NY	FLATRKN_V820.6000	1	137921	91	11.55	WND	WT	Existing		YES	1
NYISO	NY	AST 2 13.800	1	126379	90.45	60	FO6	ST	Existing			
NYISO	NY	AST 2 13.800	2	126379	90.45	35	FO6	ST	Existing			
NYISO	NY	NOEND1G\$ 13.800	1	131831	88.4	79	NG	CT	Existing			
NYISO	NY	NOEND2G\$ 13.800	2	131832	88.4	79	NG	CT	Existing			
NYISO	NY	NOEND3S\$ 13.800	3	131833	88.4	79	NG	CW	Existing			
NYISO	NY	Q261SO_PIER 13.800	1	128666	88	88	NG	CT	Planned	May-2012		
NYISO	NY	GERES LK 115.00	1	136200	86.8	79.5	NG	CC	Existing			
NYISO	NY	NYP108 13.800	1	147821	85.95	40	NG	CC	Existing			
NYISO	NY	KEYSPST1 18.000	1	126341	84	83.738	NG	ST	Existing			
NYISO	NY	ALCOA-NM 115.00	1	136750	82.6	30	NG	CC	Existing			
NYISO	NY	JMCGT13 13.800	1	137701	81.82	76.7	NG	CC	Existing			
NYISO	NY	JMCGT213 13.800	1	137703	81.82	76.7	NG	CC	Existing			
NYISO	NY	JAMESTWN 115.00	1	147907	81.4	81.4	BIT	CC	Existing			
NYISO	NY	WESTOVER 8 13.800	8	131105	80.8	80.8	BIT	ST	Existing			
NYISO	NY	WADNGRV2 13.800	1	129108	80.5	15	FO2	GT	Existing			
NYISO	NY	WADNGRV3 13.800	1	129109	80.4	72.001	FO2	GT	Existing			
NYISO	NY	WADNGRV1 13.800	1	129107	80.3	15	FO2	GT	Existing			
NYISO	NY	GERES LK 115.00	3	136200	79.9	79.5	NG	CC	Existing			
NYISO	NY	GERES LK 115.00	2	136200	78.3	78	NG	CC	Existing			
NYISO	NY	JMC1+7TP 115.00	1	137481	78.3	77	NG	CC	Existing			
NYISO	NY	INDECK-C 13.800	1	138039	78.221	78	NG	CC	Existing			
NYISO	NY	LGE-GT 13.800	1	137709	77.4	50	NG	CC	Existing			
NYISO	NY	DUNK115G 13.800	1	135392	76.7	76.7	BIT	ST	Existing			
NYISO	NY	DUNK115G 13.800	2	135392	76.1	76.1	BIT	ST	Existing			
NYISO	NY	NARRGT1A 13.800	1	126302	74.8	74.8	KER	GT	Existing			
NYISO	NY	CALP_CTG 13.800	1	128984	74.7	45	NG	CC	Existing			
NYISO	NY	RNY 2EGT 13.000	1	126736	73.4	73.4	KER	GT	Existing			
NYISO	NY	GOWGT2A 13.800	1	126271	72.7	72.7	FO2	GT	Existing			



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NYISO	NY	RNY 7WGT	13.000	1	126738	72.7	72.7	KER	GT	Existing			
NYISO	NY	ASTEGT2A	13.800	1	126311	72.4	0	KER	GT	Existing			
NYISO	NY	HEMP RR	13.800	1	128963	71.5	52.001	REF	ST	Existing		YES	1
NYISO	NY	BERN3ST1	13.800	1	148992	71	0	NG	CC	Planned	Jun-2012		
NYISO	NY	BERN3ST2	13.800	1	148993	71	0	NG	CC	Planned	Jun-2012		
NYISO	NY	BERN3ST3	13.800	1	148994	71	0	NG	CC	Planned	Jun-2012		
NYISO	NY	NARRGT1B	13.800	1	126303	70.9	70.9	KER	GT	Existing			
NYISO	NY	GOWGT3A	13.800	1	126258	70.8	70.8	FO2	GT	Existing			
NYISO	NY	ASTEGT2B	13.800	1	126312	70.7	0	KER	GT	Existing			
NYISO	NY	RNY 9EGT	13.000	1	126739	69.6	69.6	KER	GT	Existing			
NYISO	NY	NARRGT2A	13.800	1	126308	69.1	69.1	KER	GT	Existing			
NYISO	NY	NARRGT2B	13.800	1	126309	68.9	68.9	KER	GT	Existing			
NYISO	NY	RNY 7EGT	13.000	1	126737	68.8	68.8	KER	GT	Existing			
NYISO	NY	ASTEGT3A	13.800	1	126322	68.4	0	KER	GT	Existing			
NYISO	NY	GOWGT3B	13.800	1	126289	67.9	67.9	FO2	GT	Existing			
NYISO	NY	ASTEGT4B	13.800	1	126326	67	67	KER	GT	Existing			
NYISO	NY	ASTEGT3B	13.800	1	126323	66.8	0	KER	GT	Existing			
NYISO	NY	GOWGT2B	13.800	1	126328	66.5	66.5	FO2	GT	Existing			
NYISO	NY	GOWGT1B	13.800	1	126259	66	66	FO2	GT	Existing			
NYISO	NY	GOWGT4A	13.800	1	126276	65.4	65.4	FO2	GT	Existing			
NYISO	NY	KAMINEGT	13.800	1	136823	65	65	NG	CC	Existing			
NYISO	NY	ASTEGT4A	13.800	1	126325	65	65	KER	GT	Existing			
NYISO	NY	BAY_G1&2	13.800	1	128253	64	0	NG	CC	Planned	Jun-2011		
NYISO	NY	BAY_G1&2	13.800	2	128253	64	0	NG	CC	Planned	Jun-2011		
NYISO	NY	BAY_G3&4	13.800	3	128254	64	0	NG	CC	Planned	Jun-2011		
NYISO	NY	BAY_G3&4	13.800	4	128254	64	0	NG	CC	Planned	Jun-2011		
NYISO	NY	BAY_G5&6	13.800	5	128255	64	0	NG	CC	Planned	Jun-2011		



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NYISO	NY	BAY_G5&6	13.800	6	128255	64	0	NG	CC	Planned	Jun-2011		
NYISO	NY	BAY_G7&8	13.800	7	128256	64	0	NG	CC	Planned	Jun-2011		
NYISO	NY	BAY_G7&8	13.800	8	128256	64	0	NG	CC	Planned	Jun-2011		
NYISO	NY	DANSK G2	13.800	2	125195	64	61.999	FO6	ST	Existing			
NYISO	NY	CLIMAX	115.00	2	136762	62.9	56	NG	CC	Existing			
NYISO	NY	ER G6	13.200	1	126251	62.7	62.7	FO6	ST	Existing			
NYISO	NY	ER G6	13.200	2	126251	62.7	62.7	FO6	ST	Existing			
NYISO	NY	DANSK G1	13.800	1	125196	61.7	50	FO6	ST	Existing			
NYISO	NY	GOWGT4B	13.800	1	126329	61.1	61.1	FO2	GT	Existing			
NYISO	NY	GOWGT1A	13.800	1	126257	60.3	60.3	FO2	GT	Existing			
NYISO	NY	RYYGT811	13.800	1	126678	58.5	58.5	KER	GT	Existing			
NYISO	NY	HOLT6-10	13.800	3	129081	56.6	49.7	FO2	JE	Existing			
NYISO	NY	RNYGT4-7	13.800	1	126677	55.7	55.7	KER	GT	Existing			
NYISO	NY	FINCH TP	115.00	2	137859	55	0	WAT	HY	Existing		YES	1
NYISO	NY	HOLT6-10	13.800	2	129081	54	50	FO2	JE	Existing			
NYISO	NY	HOLT6-10	13.800	5	129081	54	20	FO2	JE	Existing			
NYISO	NY	FROCKGT2	13.800	1	128916	53.5	45	NG	GT	Existing			
NYISO	NY	FT. DRUM	115.00	1	136772	53.3	49.9	BIT	ST	Existing			
NYISO	NY	PEEK13.8	13.800	1	126359	52.9	43.635	FO2	GT	Existing			
NYISO	NY	GLNWDGT2	13.800	1	128956	52.9	30	FO2	GT	Existing			
NYISO	NY	HOLTS1-5	13.800	1	129076	52.9	47.7	FO2	JE	Existing			
NYISO	NY	MOS17-18	13.800	1	147763	52.875	48.818	WAT	HY	Existing		YES	1
NYISO	NY	MOS17-18	13.800	2	147763	52.875	48.818	WAT	HY	Existing		YES	1
NYISO	NY	MOS19-20	13.800	1	147765	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS19-20	13.800	2	147765	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS21-22	13.800	1	147766	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS21-22	13.800	2	147766	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS25-26	13.800	1	147768	52.875	52.875	WAT	HY	Existing		YES	1



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NYISO	NY	MOS25-26	13.800	2	147768	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS23-24	13.800	1	147770	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS23-24	13.800	2	147770	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS27-28	13.800	1	147771	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS27-28	13.800	2	147771	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS29-30	13.800	1	147772	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS29-30	13.800	2	147772	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS31-32	13.800	1	147774	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	MOS31-32	13.800	2	147774	52.875	52.875	WAT	HY	Existing		YES	1
NYISO	NY	FROCKGT1	13.800	1	128922	52.7	45	NG	GT	Existing			
NYISO	NY	HOLT6-10	13.800	4	129081	52.6	20	FO2	JE	Existing			
NYISO	NY	OXBOWNUG	115.00	1	135552	52.3	52.3	NG	CC	Existing			
NYISO	NY	HOLTS1-5	13.800	5	129076	52.1	50	FO2	JE	Existing			
NYISO	NY	PLWN_CC	13.800	1	129053	51.947	45	NG	CC	Existing			
NYISO	NY	GLNWDGT3	13.800	1	128957	51.9	30	FO2	GT	Existing			
NYISO	NY	HOLTS1-5	13.800	2	129076	51.8	48.8	FO2	JE	Existing			
NYISO	NY	HOLT6-10	13.800	1	129081	51.1	50	FO2	JE	Existing			
NYISO	NY	INDECK-C	13.800	2	138039	51.079	51	NG	CC	Existing			
NYISO	NY	HMGENBUS	13.800	1	136706	50.5	50.4	NG	CC	Existing			
NYISO	NY	HOLTS1-5	13.800	4	129076	49.6	49.6	FO2	JE	Existing			
NYISO	NY	DUPONT46	115.00	1	135406	49.4	47	NG	CC	Existing			
NYISO	NY	GRNPRTGT	13.800	1	129074	49.4	45	NG	GT	Existing			
NYISO	NY	LEA 1G \$	13.800	1	131646	49.35	49.3	NG	CT	Existing			
NYISO	NY	LEA 2G \$	13.800	2	131647	49.35	49.3	NG	CT	Existing			
NYISO	NY	LEA 3G \$	13.800	3	131648	49.35	49.3	NG	CT	Existing			
NYISO	NY	LEA 4S \$	13.800	4	131649	49.35	49.3	NG	CW	Existing			
NYISO	NY	UDG-184	115.00	1	136544	49.1	49.1	WD	ST	Existing		YES	1
NYISO	NY	W.BABGT4	13.800	1	129059	48.9	40	FO2	GT	Existing			
NYISO	NY	NYPA56	13.800	1	147822	48.45	48.348	NG	CC	Existing			



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NYISO	NY	FRPT-GT1	13.800	1	128918	47.2	10	FO2	IC	Existing			
NYISO	NY	HOLTS1-5	13.800	3	129076	47.2	47.2	FO2	JE	Existing			
NYISO	NY	PAGTGOW2	13.800	2	147812	47.1	40	NG	GT	Existing			
NYISO	NY	PAGTFOXH	13.800	1	147810	46.6	46.6	NG	GT	Existing			
NYISO	NY	FRPT-GT2	13.800	1	128924	46.5	42.9	FO2	GT	Existing			
NYISO	NY	BRNTWDGT	13.800	1	147820	46.4	44	NG	GT	Existing			
NYISO	NY	JFK G1	13.800	1	126674	46.3	40	NG	CT	Existing			
NYISO	NY	PAGTVNGW	13.800	1	147817	46.2	45.5	NG	GT	Existing			
NYISO	NY	SHRHM GT	13.800	1	129098	46.1	20	FO2	GT	Existing			
NYISO	NY	CALP_STG	13.800	1	128985	45.3	35	NG	GT	Existing			
NYISO	NY	COOP CITY	13.800	1	126606	45	45	NG	CC	Existing			
NYISO	NY	GRUMTBG4	13.800	1	128990	45	45	NG	GT	Existing			
NYISO	NY	CETI	115.00	1	137496	44.8	44.7	NG	CC	Existing			
NYISO	NY	BRNTWDGT	13.800	1	129048	44.6	36	NG	GT	Existing			
NYISO	NY	JFK G2	13.800	1	126675	44.3	40	NG	CT	Existing			
NYISO	NY	MRBLRV3G_S880.6000		W	147990	44.1	44.1	WND	WT	Existing	YES		1
NYISO	NY	MRBLRV4G_S880.6000		W	147991	44.1	44.1	WND	WT	Existing	YES		1
NYISO	NY	BRNTWDGT	13.800	1	129049	43.3	36	NG	GT	Existing			
NYISO	NY	SHORHGT3	13.800	1	129100	43.1	38	NG	GT	Existing			
NYISO	NY	M+S+EV+D	34.500	1	137992	43.1	32.5	WAT	HY	Existing	YES		1
NYISO	NY	KAMINEST	13.800	1	136824	43	43	NG	GT	Existing			
NYISO	NY	SHORHGT4	13.800	1	129101	42.6	38	NG	GT	Existing			
NYISO	NY	KAMIN 13	13.800	1	149195	42	35	NG	CT	Existing			
NYISO	NY	MRBLRV5G_S880.6000		W	147992	42	42	WND	WT	Existing	YES		1
NYISO	NY	GLWDGT4	13.800	1	128959	41.8	37.7	NG	GT	Existing			
NYISO	NY	BRTG9-12	13.800	2	128910	41.6	32.2	NG	JE	Existing			
NYISO	NY	LGE-ST	13.800	1	137710	41.35	39	NG	GT	Existing			
NYISO	NY	BRTG9-12	13.800	3	128910	41.2	36	NG	JE	Existing			
NYISO	NY	BINCO13\$	13.800	1	131103	41.1	40.9	NG	CC	Existing			



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NYISO	NY	INDEK-OL	115.00	2	135298	40.895	40.895	NG	CC	Existing			
NYISO	NY	TEMPLE	115.00	1	136245	40	40	NG	CC	Existing			
NYISO	NY	KENTGEN	13.800	1	126564	40	40	NG	GT	Existing			
NYISO	NY	KENTGEN	13.800	2	126564	40	40	NG	GT	Existing			
NYISO	NY	PAGTGOW1	13.800	1	147811	40	40	NG	GT	Existing			
NYISO	NY	PAGTHG41	13.800	1	147813	40	40	NG	GT	Existing			
NYISO	NY	PAGTHG42	13.800	2	147814	40	40	NG	GT	Existing			
NYISO	NY	PAGTHG11	13.800	1	147815	40	40	NG	GT	Existing			
NYISO	NY	PAGTHG12	13.800	2	147816	40	40	NG	GT	Existing			
NYISO	NY	PAGTVR1	13.800	1	147818	40	40	NG	GT	Existing			
NYISO	NY	PAGTVR2	13.800	2	147819	40	40	NG	GT	Existing			
NYISO	NY	MRBLRV6G	S880.6000	W	147993	39.9	39.9	WND	WT	Existing	YES		1
NYISO	NY	BRTG9-12	13.800	1	128910	39.5	36	NG	JE	Existing			
NYISO	NY	ONEIDA	115.00	2	137233	39	29.48	NG	CC	Existing			
NYISO	NY	STLAW_AW_G2	12.000	W	136993	39	39	WAT	WT	Existing	YES		1
NYISO	NY	STLAW_AW_G3	12.000	W	136994	39	39	WAT	WT	Existing	YES		1
NYISO	NY	STLAW_AW_G4	12.000	W	136995	39	39	WAT	WT	Existing	YES		1
NYISO	NY	BRTG9-12	13.800	4	128910	38.8	36	NG	JE	Existing			
NYISO	NY	PTJFGT2	13.800	1	129095	38.1	38.1	NG	GT	Existing			
NYISO	NY	N GOUVNR	115.00	1	136789	38	38	WAT	HY	Existing	YES		1
NYISO	NY	AWGT2	13.800	1	126255	37.8	37.8	FO2	GT	Existing			
NYISO	NY	WTHRS_GE_G2	0.5750	W	131614	37.5	0	WND	WT	Existing	YES		1
NYISO	NY	WTHRS_GE_G3	0.5750	W	131615	37.5	0	WND	WT	Existing	YES		1
NYISO	NY	WTHRS_GE_G4	0.5750	W	131616	37.5	0	WND	WT	Existing	YES		1
NYISO	NY	INDEK-OL	115.00	1	135298	36.905	36.905	NG	CC	Existing			
NYISO	NY	PTJFGT3	13.800	1	129096	36.8	36.8	NG	GT	Existing			
NYISO	NY	SENECAP	115.00	1	135871	35.905	35.905	NG	CC	Existing			
NYISO	NY	GLWDGT5	13.800	1	128960	35.4	35.4	NG	GT	Existing			
NYISO	NY	ESYR GT1	13.200	1	136728	35.277	35.277	NG	CC	Existing			



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NYISO	NY	ESYR GT2 13.200	2	136729	35.277	35.277	NG	CC	Existing			
NYISO	NY	CANDG_C39_G20.6900	W	131340	35	0	WND	WT	Existing		YES	1
NYISO	NY	CANDG_C39_G30.6900	W	131341	35	0	WND	WT	Existing		YES	1
NYISO	NY	CNDGII_C93_30.6900	W	131375	35	0	WND	WT	Existing		YES	1
NYISO	NY	INDEC S\$ 13.800	1	131393	34.519	34.519	NG	CC	Existing			
NYISO	NY	SHLDN_GE_G4 0.5750	W	131547	34.5	0	WND	WT	Existing		YES	1
NYISO	NY	ELNBG_GE_2G 0.5750	W	148035	34.5	0	WND	WT	Existing		YES	1
NYISO	NY	ELNBG_GE_3G 0.5750	W	148036	34.5	0	WND	WT	Existing		YES	1
NYISO	NY	HILB69 69.000	1	146790	33.1	33.1	NG	GT	Existing			
NYISO	NY	SHLDN_GE_G2 0.5750	W	131545	33	0	WND	WT	Existing		YES	1
NYISO	NY	SHLDN_GE_G3 0.5750	W	131546	33	0	WND	WT	Existing		YES	1
NYISO	NY	NORCON1 13.800	1	135393	32.6	32.5	NG	CC	Existing			
NYISO	NY	NORCON2 13.800	2	135394	32.6	32.6	NG	CC	Existing			
NYISO	NY	OCWE GEN 13.800	1	136704	32.5	32.5	REF	ST	Existing		YES	1
NYISO	NY	Q330 G 13.800	1	130632	32	32	SOL	PV	Planned	Sep-2011	YES	1
NYISO	NY	SHOEM69 69.000	1	146804	31.7	31	NG	GT	Existing			
NYISO	NY	CHATG_GE_G2 0.5750	W	148038	31.5	0	WND	WT	Existing		YES	1
NYISO	NY	CHATG_GE_G3 0.5750	W	148039	31.5	0	WND	WT	Existing		YES	1
NYISO	NY	CHATG_GE_G4 0.5750	W	148040	31.5	0	WND	WT	Existing		YES	1
NYISO	NY	TRIGEN 13.800	2	128970	30.8	30	NG	CC	Existing			
NYISO	NY	IP CORIN 115.00	1	137887	30.8	17.5	WAT	HY	Existing		YES	1
NYISO	NY	PLWN_CC 13.800	2	129053	30.053	30.053	NG	CC	Existing			
NYISO	NY	Q237ALGANY2G0.6600	W	146066	30	30	WND	WT	Planned	Oct-2011	YES	1
NYISO	NY	Q237ALGANY3G0.6600	W	146067	30	30	WND	WT	Planned	Oct-2011	YES	1
NYISO	NY	FENGENC1 0.5750	W	136681	30	3	WND	WT	Existing		YES	1
NYISO	NY	AWGT1 13.800	1	126254	29.6	29.6	FO2	GT	Existing			
NYISO	NY	IP CORIN 115.00	2	137887	29.5	17.5	WAT	HY	Existing		YES	1
NYISO	NY	SPIER 115.00	1	137904	28.8	23	WAT	HY	Existing		YES	1



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NYISO	NY	GRMN B	13.800	1	128989	28.65	17	NG	CC	Existing			
NYISO	NY	GRMN B	13.800	2	128989	28.65	17	NG	CC	Existing			
NYISO	NY	YORK G1	13.800	1	126684	28.019	28.019	NG	CC	Existing			
NYISO	NY	YORK G2	13.800	1	126685	28.019	28.019	NG	CC	Existing			
NYISO	NY	Q168_PRY_1G	0.6900	W	134805	28	0	WND	WT	Planned	Feb-2012	YES	1
NYISO	NY	Q168_PRY_2G	0.6900	W	134806	28	0	WND	WT	Planned	Feb-2012	YES	1
NYISO	NY	Q168_PRY_4G	0.6900	W	134808	28	0	WND	WT	Planned	Feb-2012	YES	1
NYISO	NY	Q168_PRY_5G	0.6900	W	134809	28	0	WND	WT	Planned	Feb-2012	YES	1
NYISO	NY	HOWD_C93_G2	0.6900	W	131653	27.5	27.5	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	HOWD_C93_G3	0.6900	W	131654	27.5	27.5	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	LIGHHILL	12.000	1	136713	27	27	WAT	HY	Existing		YES	1
NYISO	NY	EJW+STWB	115.00	2	137880	26.58	26	WAT	HY	Existing		YES	1
NYISO	NY	Q254RIPW_4G	0.6900	W	146160	26.4	26.4	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	Q254RIPW_5G	0.6900	W	146161	26.4	26.4	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	SCH34	34.500	1	137649	26	13	WAT	HY	Existing		YES	1
NYISO	NY	FRFLD_G3	0.6900	W	137070	26	26	WND	WT	Existing		YES	1
NYISO	NY	Q157_ORIN_1G	0.5750	W	146041	25.5	0	WND	WT	Planned	Dec-2013	YES	1
NYISO	NY	Q157_ORIN_2G	0.5750	W	146042	25.5	0	WND	WT	Planned	Dec-2013	YES	1
NYISO	NY	Q157_ORIN_3G	0.5750	W	146043	25.5	0	WND	WT	Planned	Dec-2013	YES	1
NYISO	NY	CNSTO_2G	0.5750	W	134781	25.5	0	WND	WT	Existing		YES	1
NYISO	NY	CNSTO_3G	0.5750	W	134782	25.5	0	WND	WT	Existing		YES	1
NYISO	NY	CNSTO_4G	0.5750	W	134783	25.5	0	WND	WT	Existing		YES	1
NYISO	NY	CNSTO_5G	0.5750	W	134784	25.5	0	WND	WT	Existing		YES	1
NYISO	NY	MRBLRV1G	S880.6000	W	147988	25.2	25.2	WND	WT	Existing		YES	1
NYISO	NY	KAMIN 13	13.800	2	149195	25	20	NG	CW	Existing			
NYISO	NY	HUNT RR	13.800	1	129017	24.6	21	REF	ST	Existing		YES	1



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NYISO	NY	STARK G 11.500	1	137157	24.3	15	WAT	HY	Existing		YES	1
NYISO	NY	JFK G3 13.800	1	126676	24.2	23.3	NG	CW	Existing			
NYISO	NY	ASTGT7-8 13.000	1	126713	24.1	0	FO2	GT	Existing			
NYISO	NY	Q168_PRY_3G 0.6900	W	134807	24	0	WND	WT	Planned	Feb-2012	YES	1
NYISO	NY	Q263STONY_5G0.6900	W	135191	24	0	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	Q263STONY_4G0.6900	W	135192	24	0	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	Q263STONY_3G0.6900	W	135193	24	0	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	Q263STONY_2G0.6900	W	135194	24	0	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	Q263STONY_1G0.6900	W	135195	24	24	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	JRDN_G87_G2 0.6900	W	136982	24	24	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	JRDN_G87_G3 0.6900	W	136983	24	24	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	JRDN_G87_G4 0.6900	W	136984	24	24	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	FRFLD_G1 0.6900	W	137068	24	24	WND	WT	Planned	Sep-2010	YES	1
NYISO	NY	FRFLD_G2 0.6900	W	137069	24	24	WND	WT	Planned	Sep-2010	YES	1
NYISO	NY	Q157_ORIN_4G0.5750	W	146044	24	0	WND	WT	Planned	Dec-2013	YES	1
NYISO	NY	Q254RIPW_1G 0.6900	W	146157	24	24	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	Q254RIPW_2G 0.6900	W	146158	24	24	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	Q254RIPW_3G 0.6900	W	146159	24	24	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	Q207_GE_01G 0.6900	1	146699	24	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	Q207_GE_02G 0.6900	1	146700	24	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	Q207_GE_03G 0.6900	1	146701	24	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	Q207_GE_08G 0.6900	1	146706	24	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	Q207_GE_10G 0.6900	1	146708	24	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	CNSTO_1G 0.5750	W	134780	24	0	WND	WT	Existing		YES	1



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NYISO	NY	CNSTO_6G 0.5750	W	134785	24	0	WND	WT	Existing		YES	1
NYISO	NY	FIV FL G 11.500	1	137154	23.4	23	WAT	HY	Existing		YES	1
NYISO	NY	RAINBW G 11.500	1	137155	23.3	15	WAT	HY	Existing		YES	1
NYISO	NY	ECOGEN_SWT2 0.6900	W	131165	23	23	WND	WT	Planned	Sep-2010	YES	1
NYISO	NY	ECOGEN_SWT3 0.6900	W	131166	23	23	WND	WT	Planned	Sep-2010	YES	1
NYISO	NY	ECOGEN_SWT4 0.6900	W	131167	23	23	WND	WT	Planned	Sep-2010	YES	1
NYISO	NY	GLEN PRK 115.00	1	136773	22.5	22.5	WAT	HY	Existing		YES	1
NYISO	NY	Q263STONY_6G0.6900	W	135190	22.5	0	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	Q207_GE_04G 0.6900	1	146702	22.5	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	Q207_GE_06G 0.6900	1	146704	22.5	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	CLNTN_GE_5G 0.5750	W	148025	22.5	0	WND	WT	Existing		YES	1
NYISO	NY	NEVER-GN 13.800	1	125205	22	18	WAT	HY	Existing		YES	1
NYISO	NY	HOOKRN86 115.00	1	147956	21.2	21.2	REF	ST	Existing		YES	1
NYISO	NY	MORESVL_1G 1.0000	W	131855	21	21	WND	WT	Existing		YES	1
NYISO	NY	MORESVL_2G 1.0000	W	131856	21	21	WND	WT	Existing		YES	1
NYISO	NY	MORESVL_5G 1.0000	W	131859	21	21	WND	WT	Existing		YES	1
NYISO	NY	ALTONA_GE_G10.5750	W	147808	21	21	WND	WT	Existing		YES	1
NYISO	NY	MRBLRV2G_S880.6000	W	147989	21	21	WND	WT	Existing		YES	1
NYISO	NY	CLNTN_GE_3G 0.5750	W	148023	21	0	WND	WT	Existing		YES	1
NYISO	NY	CLNTN_GE_4G 0.5750	W	148024	21	0	WND	WT	Existing		YES	1
NYISO	NY	COXSACK 69.000	1	125093	20.4	18.4	KER	GT	Existing			
NYISO	NY	S CLTN G 11.500	1	137156	20.2	15	WAT	HY	Existing		YES	1
NYISO	NY	Q260FLYWHEEL0.4800	1	146164	20	0		FW	Planned	Sep-2010		
NYISO	NY	FINCH TP 115.00	5	137859	20	10	WAT	HY	Existing		YES	1
NYISO	NY	EJW+STWB 115.00	1	137880	20	20	WAT	HY	Existing		YES	1
NYISO	NY	LEW 1-3 13.800	1	147781	20	20	WAT	PS	Existing			
NYISO	NY	LEW 1-3 13.800	2	147781	20	20	WAT	PS	Existing			



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NYISO	NY	LEW 1-3	13.800	3	147781	20	20	WAT	PS	Existing				
NYISO	NY	LEW 4-6	13.800	4	147782	20	20	WAT	PS	Existing				
NYISO	NY	LEW 4-6	13.800	5	147782	20	20	WAT	PS	Existing				
NYISO	NY	LEW 4-6	13.800	A	147782	20	20	WAT	PS	Existing				
NYISO	NY	LEW 7-9	13.800	7	147783	20	20	WAT	PS	Existing				
NYISO	NY	LEW 7-9	13.800	8	147783	20	20	WAT	PS	Existing				
NYISO	NY	LEW 7-9	13.800	9	147783	20	20	WAT	PS	Existing				
NYISO	NY	LEW10-12	13.800	6	147784	20	20	WAT	PS	Existing				
NYISO	NY	LEW10-12	13.800	B	147784	20	20	WAT	PS	Existing				
NYISO	NY	LEW10-12	13.800	C	147784	20	20	WAT	PS	Existing				
NYISO	NY	Q197_G87_1G	0.6900	W	146721	20	20	WND	WT	Planned	Sep-2011	YES	1	
NYISO	NY	Q197_G87_2G	0.6900	W	146722	20	20	WND	WT	Planned	Sep-2011	YES	1	
NYISO	NY	Q197_G87_3G	0.6900	W	146723	20	20	WND	WT	Planned	Sep-2011	YES	1	
NYISO	NY	Q169_V90_4G	1.0000	W	146653	19.8	19.8	WND	WT	Planned	2011	YES	1	
NYISO	NY	Q169_V90_3G	1.0000	W	146654	19.8	19.8	WND	WT	Planned	2011	YES	1	
NYISO	NY	Q169_V90_2G	1.0000	W	146655	19.8	19.8	WND	WT	Planned	2011	YES	1	
NYISO	NY	Q169_V90_1G	1.0000	W	146656	19.8	19.8	WND	WT	Planned	2011	YES	1	
NYISO	NY	Q198_V90_4G	1.0000	W	146711	19.8	19.8	WND	WT	Planned	Sep-2011	YES	1	
NYISO	NY	Q198_V90_3G	1.0000	W	146712	19.8	19.8	WND	WT	Planned	Sep-2011	YES	1	
NYISO	NY	Q198_V90_2G	1.0000	W	146713	19.8	19.8	WND	WT	Planned	Sep-2011	YES	1	
NYISO	NY	Q198_V90_1G	1.0000	W	146714	19.8	19.8	WND	WT	Planned	Sep-2011	YES	1	
NYISO	NY	JRCHO_1G	0.6900	W	131865	19.8	19.8	WND	WT	Existing		YES	1	
NYISO	NY	JRCHO_2G	0.6900	W	131866	19.8	19.8	WND	WT	Existing		YES	1	
NYISO	NY	JRCHO_3G	0.6900	W	131867	19.8	19.8	WND	WT	Existing		YES	1	
NYISO	NY	JRCHO_4G	0.6900	W	131868	19.8	19.8	WND	WT	Existing		YES	1	
NYISO	NY	CHATGY34	34.500	3	131813	19.7	16.5	WAT	HY	Existing		YES	1	
NYISO	NY	HOOKRN85	115.00	1	147954	19.6	19.6	REF	ST	Existing		YES	1	



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NYISO	NY	WHORSE G 0.5750	1	134845	19.5	0	WND	WT	Existing		YES	1
NYISO	NY	BLISS1_GE_2G0.5750	W	148026	19.5	0	WND	WT	Existing		YES	1
NYISO	NY	BLISS1_GE_3G0.5750	W	148027	19.5	0	WND	WT	Existing		YES	1
NYISO	NY	ALTONA_GE_G20.5750	W	148031	19.5	19.5	WND	WT	Existing		YES	1
NYISO	NY	ALTONA_GE_G30.5750	W	148032	19.5	0	WND	WT	Existing		YES	1
NYISO	NY	ALTONA_GE_G40.5750	W	148033	19.5	0	WND	WT	Existing		YES	1
NYISO	NY	ALTONA_GE_G50.5750	W	148034	19.5	0	WND	WT	Existing		YES	1
NYISO	NY	E74 GT1 13.800	1	126588	19	0	KER	GT	Existing			
NYISO	NY	E74 GT2 13.800	2	126589	19	0	KER	GT	Existing			
NYISO	NY	LYNDL MR 115.00	4	136848	19	19	WND	WT	Existing		YES	1
NYISO	NY	EHAMP_GT 13.800	1	129127	18.8	17	FO2	GT	Existing			
NYISO	NY	HRTVL_1G 0.6900	W	134768	18.4	18.4	WND	WT	Existing		YES	1
NYISO	NY	HRTVL_3G 0.6900	W	134770	18.4	18.4	WND	WT	Existing		YES	1
NYISO	NY	SHRHM GT 13.800	2	129098	18.3	14	FO2	GT	Existing			
NYISO	NY	SO.CAIRO 69.000	1	125128	18.2	8	KER	GT	Existing			
NYISO	NY	CETI 115.00	2	137496	18.2	18	NG	GT	Existing			
NYISO	NY	Q197_G87_4G 0.6900	W	146724	18	18	WND	WT	Planned	Sep-2011	YES	1
NYISO	NY	MUNSVIL_GE3 0.5750	W	131837	18	0	WND	WT	Existing		YES	1
NYISO	NY	CLNTN2_GE_2G0.5750	W	148005	18	0	WND	WT	Existing		YES	1
NYISO	NY	BLISS1_GE_4G0.5750	W	148028	18	0	WND	WT	Existing		YES	1
NYISO	NY	ELBG2_GE_2G 0.5750	W	148037	18	0	WND	WT	Existing		YES	1
NYISO	NY	Q237ALGANY1G0.6600	W	146065	17.5	17.5	WND	WT	Planned	Oct-2011	YES	1
NYISO	NY	BRT G1-8 13.800	1	128902	17.3	10	NG	GT	Existing			
NYISO	NY	BRT G1-8 13.800	6	128902	17.3	10	NG	GT	Existing			
NYISO	NY	BRT G1-8 13.800	4	128902	17.1	10	NG	GT	Existing			
NYISO	NY	KNAPPS 1 115.00	1	125033	17.1	12	WAT	HY	Existing		YES	1
NYISO	NY	BRT G1-8 13.800	3	128902	17	10	NG	GT	Existing			
NYISO	NY	BRT G1-8 13.800	5	128902	16.9	10	NG	GT	Existing			
NYISO	NY	BRT G1-8 13.800	7	128902	16.6	10	NG	GT	Existing			



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NYISO	NY	MUNSVIL_GE2 0.5750	W	131836	16.5	0	WND	WT	Existing		YES	1
NYISO	NY	BRT G1-8 13.800	8	128902	16.2	10	NG	GT	Existing			
NYISO	NY	MECH HYD 34.500	1	130981	16.1	15.9	WAT	HY	Existing		YES	1
NYISO	NY	GRAMVLE 69.000	1	146786	16	16	WAT	HY	Existing		YES	1
NYISO	NY	BRT G1-8 13.800	2	128902	15.9	10	NG	GT	Existing			
NYISO	NY	INDEC S\$ 13.800	2	131393	15.581	15.581	NG	GT	Existing			
NYISO	NY	SOFT MAP 6.9000	1	137161	15.5	6	WAT	HY	Existing		YES	1
NYISO	NY	ESYR ST1 13.200	3	136730	15.446	15	NG	ST	Existing			
NYISO	NY	HUDSON 3-4-513.800	3	126671	15.2	0	KER	GT	Existing			
NYISO	NY	TRIGEN 13.800	1	128970	15	11	NG	CC	Existing			
NYISO	NY	ONEIDA 115.00	3	137233	15	11.338	NG	CC	Existing			
NYISO	NY	PROSP HY 46.000	1	137332	15	10	WAT	HY	Existing		YES	1
NYISO	NY	BLISS1_GE_1G0.5750	W	147800	15	15	WND	WT	Existing		YES	1
NYISO	NY	BLISS2_GE_2G0.5750	W	148029	15	0	WND	WT	Existing		YES	1
NYISO	NY	HUDSON 3-4-513.800	5	126671	14.9	0	KER	GT	Existing			
NYISO	NY	BABYLNRR 13.800	1	129040	14.8	12	REF	ST	Existing		YES	1
NYISO	NY	S.GLNGEN 34.500	1	138001	14.7	5	WAT	HY	Existing		YES	1
NYISO	NY	STA3 11R 11.500	D	149157	14.4	14.4	FO2	GT	Existing			
NYISO	NY	SENECAP 115.00	2	135871	14.195	14.195	NG	CC	Existing			
NYISO	NY	NORCON2 13.800	3	135394	14.1	14.1	NG	CC	Existing			
NYISO	NY	S37 34 34.500	2	149083	14	14	NG	GT	Existing			
NYISO	NY	BLAKE G 6.9000	1	137158	14	14	WAT	HY	Existing		YES	1
NYISO	NY	PTJEFFGT 13.800	1	129094	13.9	12	FO2	GT	Existing			
NYISO	NY	GRMN B 13.800	3	128989	13.8	13	NG	CC	Existing			
NYISO	NY	HRTVL_2G 0.6900	W	134769	13.8	13.8	WND	WT	Existing		YES	1
NYISO	NY	HUDSON 3-4-513.800	4	126671	13.7	0	KER	GT	Existing			
NYISO	NY	GLNWDGT1 13.800	1	128955	13.6	14	FO2	GT	Existing			
NYISO	NY	WHILL_AW_3 12.000	W	138057	13.5	13.5	WND	WT	Planned	Aug-2012	YES	1
NYISO	NY	WTHRS_GE_G1 0.5750	W	131126	13.5	13.5	WND	WT	Existing		YES	1



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NYISO	NY	W59TH GT1 13.800	1	126344	13	0	KER	GT	Existing			
NYISO	NY	ASTGT5 13.000	1	126712	12.9	0	FO2	GT	Existing			
NYISO	NY	STDA+AMT 34.500	1	137995	12.9	6	REF	ST	Existing			
NYISO	NY	NISSQUOG 13.800	1	129089	12.2	6.7	NG	GT	Existing			
NYISO	NY	NORFOLK 115.00	1	136792	12	2.8	WAT	HY	Existing		YES	1
NYISO	NY	STA 6-2 11.500	2	149166	12	12	WAT	HY	Existing		YES	1
NYISO	NY	STLAW_AW_G1 12.000	W	136830	12	12	WND	WT	Planned	Sep-2012	YES	1
NYISO	NY	WHILL_AW_1 12.000	W	138054	12	12	WND	WT	Planned	Aug-2012	YES	1
NYISO	NY	WHILL_AW_2 12.000	W	138055	12	12	WND	WT	Planned	Aug-2012	YES	1
NYISO	NY	BALLHL1G 0.5750	W	146013	12	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	BALLHL4G 0.5750	W	146016	12	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	BALLHL7G 0.5750	W	146019	12	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	Q207_GE_05G 0.6900	1	146703	12	12	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	Q207_GE_07G 0.6900	1	146705	12	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	Q207_GE_11G 0.6900	1	146709	12	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	SHLDN_GE_G1 0.5750	W	130841	12	12	WND	WT	Existing		YES	1
NYISO	NY	CHATG_GE_G1 0.5750	W	147855	12	12	WND	WT	Existing		YES	1
NYISO	NY	CLNTN_GE_1G 0.5750	W	147967	12	12	WND	WT	Existing		YES	1
NYISO	NY	ELNBG_GE_1G 0.5750	W	147971	12	12	WND	WT	Existing		YES	1
NYISO	NY	LYNDL MR 115.00	1	136848	11.8	11.8	WD	ST	Existing		YES	1
NYISO	NY	SOUTHOLD 13.800	1	129104	11.7	11.7	FO2	GT	Existing			
NYISO	NY	N GOUVNR 115.00	2	136789	11	11	WAT	HY	Existing		YES	1
NYISO	NY	LTLFLSHY 46.000	1	137308	11	8.6	WAT	HY	Existing		YES	1
NYISO	NY	MOHICAN 115.00	3	137893	11	5.5	WAT	HY	Existing		YES	1
NYISO	NY	NTPT GT 13.800	1	129028	10.9	10	FO2	GT	Existing			
NYISO	NY	DEFERIET 2.3000	1	137174	10.8	7.2	WAT	HY	Existing		YES	1
NYISO	NY	BALLHL2G 0.5750	W	146014	10.5	10.5	WND	WT	Planned	Dec-2011	YES	1



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NYISO	NY	BALLHL3G 0.5750	W	146015	10.5	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	BALLHL5G 0.5750	W	146017	10.5	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	BALLHL6G 0.5750	W	146018	10.5	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	BALLHL8G 0.5750	W	146020	10.5	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	BALLHL9G 0.5750	W	146021	10.5	0	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	BLISS2_GE_3G0.5750	W	148030	10.5	0	WND	WT	Existing		YES	1
NYISO	NY	WF+AH+MP 34.500	2	137675	10.3	5	WAT	HY	Existing		YES	1
NYISO	NY	GRANB HY 34.500	1	136443	10.2	10	WAT	HY	Existing		YES	1
NYISO	NY	CLIMAX 115.00	1	136762	10	8.3	NG	CC	Existing			
NYISO	NY	COLTON G 13.800	1	137150	10	9.3	WAT	HY	Existing		YES	1
NYISO	NY	COLTONG2 13.800	1	137151	10	9.3	WAT	HY	Existing		YES	1
NYISO	NY	COLTONG3 13.800	1	137152	10	9.33	WAT	HY	Existing		YES	1
NYISO	NY	BK+HV+FM 34.500	4	137964	10	5	WAT	HY	Existing		YES	1
NYISO	NY	Q180A_CLIB_G0.6900	W	146650	10	10	WND	WT	Planned	Oct-2010	YES	1
NYISO	NY	STL1_G2 0.6900	W	146744	10	10	WND	WT	Planned	Sep-2012	YES	1
NYISO	NY	STL1_G1 0.6900	W	146745	10	10	WND	WT	Planned	Sep-2012	YES	1
NYISO	NY	TRENT#5 13.200	7	137400	9.6	5.7	WAT	HY	Existing		YES	1
NYISO	NY	HI ACRE\$ 34.500	1	131246	9.6	1.6	MTE	IC	Existing		YES	1
NYISO	NY	MADISONC 0.6900	1	130760	9.6	1.15	WND	WT	Existing		YES	1
NYISO	NY	RIO69 69.000	1	146801	9.235	7.9	WAT	HY	Existing		YES	1
NYISO	NY	ECOGEN_SWT1 0.6900	W	130898	9.2	9.2	WND	WT	Existing		YES	1
NYISO	NY	TRENT#6 13.200	6	137401	9.1	5.7	WAT	HY	Existing		YES	1
NYISO	NY	TRENT#7 13.200	5	137402	9.1	5.7	WAT	HY	Existing		YES	1
NYISO	NY	CORNEL \$ 115.00	2	131399	9.06	6.9	MTE	IC	Existing		YES	1
NYISO	NY	SHAMP_GT 13.800	1	129139	9	7	FO2	GT	Existing			
NYISO	NY	Q207_GE_09G 0.6900	1	146707	9	0	WND	WT	Planned	Dec-2012	YES	1
NYISO	NY	ISLIP RR 13.800	1	129044	8.8	8.8	REF	ST	Existing		YES	1



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NYISO	NY	INGHAM-E 115.00	1	137886	8	7	WAT	HY	Existing		YES	1
NYISO	NY	JRDN_G87_G1 0.6900	W	137201	8	8	WND	WT	Planned	Dec-2011	YES	1
NYISO	NY	DUT. RES 115.00	1	125197	7.8	6.2	REF	ST	Existing		YES	1
NYISO	NY	HIGHFL46 46.000	3	131778	7.6	5.224	WAT	HY	Existing		YES	1
NYISO	NY	LYNDL MR 115.00	2	136848	7.6	7.6	WD		Existing		YES	1
NYISO	NY	W DEL 69 69.000	1	125142	7.5	7	WAT	HY	Existing		YES	1
NYISO	NY	HOWD_C93_G1 0.6900	W	131350	7.5	7.5	WND	WT	Planned	Dec-2010	YES	1
NYISO	NY	Q234_CLIB_G10.6900	W	146732	7.5	7.5	WND	WT	Planned	Nov-2010	YES	1
NYISO	NY	Q234_CLIB_G20.6900	W	146733	7.5	0	WND	WT	Planned	Nov-2010	YES	1
NYISO	NY	CANDG_C93_G10.6900	W	130868	7.5	7.5	WND	WT	Existing		YES	1
NYISO	NY	MINETTO 34.500	1	136511	7.4	7.4	WAT	HY	Existing		YES	1
NYISO	NY	PYRITE-7 115.00	1	136797	7.3	7.2	WAT	HY	Existing		YES	1
NYISO	NY	FRONTENA 2.4000	1	137169	7.3	7.3			Existing			
NYISO	NY	SHRMAN_G 6.6000	1	137959	7.2	0	WAT	HY	Existing		YES	1
NYISO	NY	SHRMAN_G 6.6000	2	137959	7.2	7.2	WAT	HY	Existing		YES	1
NYISO	NY	SHRMAN_G 6.6000	3	137959	7.2	7.2	WAT	HY	Existing		YES	1
NYISO	NY	SHRMAN_G 6.6000	4	137959	7.2	7.2	WAT	HY	Existing		YES	1
NYISO	NY	SHRMAN_G 6.6000	5	137959	7.2	7.2	WAT	HY	Existing		YES	1
NYISO	NY	LYONFLS 23.000	1	137149	7	7	WAT	HY	Existing		YES	1
NYISO	NY	BROWNS F 6.9000	1	137159	7	6	WAT	HY	Existing		YES	1
NYISO	NY	FINCH TP 115.00	4	137859	6.9	3.5	WAT	HY	Existing		YES	1
NYISO	NY	VISCHR#1 13.800	1	147794	6.9	4.6	WAT	HY	Existing		YES	1
NYISO	NY	WAT.MUNI 23.000	1	137087	6.8	6.8	WAT	HY	Existing		YES	1
NYISO	NY	INDIAN T 46.000	1	131782	6.7	6.7			Existing			
NYISO	NY	CRSCNT#1 13.800	1	147792	6.5	4.7	WAT	HY	Existing		YES	1
NYISO	NY	WINDFARM 34.500	1	135901	6.5	1.6	WND	WT	Existing		YES	1
NYISO	NY	SWING BR 69.000	1	146810	6.465	6.465	WAT	HY	Existing		YES	1
NYISO	NY	MILL ST 4.8000	3	137164	6.4	3.2	WAT	HY	Existing		YES	1



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NYISO	NY	MODERNLF 4.1600	2	131846	6.4	6.4	MTE	ST	Existing		YES	1
NYISO	NY	Q231SEN19-224.1600	1	134762	6.4	0			Planned	Oct-2010		
NYISO	NY	ONT 8-11 4.1600	2	134849	6.4	6.4			Existing			
NYISO	NY	CTQLNDFL 4.1600	1	146024	6.4	6.4			Existing			
NYISO	NY	INGH HYD 2.4000	1	137403	6.3	1	WAT	HY	Existing		YES	1
NYISO	NY	SPIER#8 6.9000	1	138035	6.3	6.3	WAT	HY	Existing		YES	1
NYISO	NY	STLWRHYD 34.500	1	138005	6	1	WAT	HY	Existing		YES	1
NYISO	NY	STLWRHYD 34.500	2	138005	6	1	WAT	HY	Existing		YES	1
NYISO	NY	MUNSVIL_GE1 0.5750	W	131664	6	6	WND	WT	Existing		YES	1
NYISO	NY	VARICK 34.500	1	136652	5.9	5.9	WAT	HY	Existing		YES	1
NYISO	NY	KENTSF46 46.000	3	131786	5.7	3.617	WAT	HY	Existing		YES	1
NYISO	NY	SENEC FL 34.500	1	131294	5.7	2	MTE	IC	Existing		YES	1
NYISO	NY	MODERNLF 4.1600	1	131846	5.6	5.6	MTE	IC	Existing		YES	1
NYISO	NY	ONT_1-7 4.1600	1	134848	5.6	5.6			Existing			
NYISO	NY	DOLGEVIL 46.000	2	137281	5	5	WAT	HY	Existing		YES	1
NYISO	NY	BK+HV+FM 34.500	3	137964	5	2.5	WAT	HY	Existing		YES	1
NYISO	NY	FDR DAM 34.500	1	137979	5	2.5	WAT	HY	Existing		YES	1
NYISO	NY	CANDG_C93_G20.6900	W	130878	5	5	WND	WT	Existing		YES	1
NYISO	NY	CNDGII_C93_20.6900	W	130929	5	5	WND	WT	Existing		YES	1
NYISO	NY	USGYPS 34.500	1	136034	5	0.5			Existing			
NYISO	NY	NPT GEN 34.500	1	136437	5	5			Existing			
NYISO	NY	TICN+OTN 115.00	2	137910	4.9	4.7	WAT	HY	Existing		YES	1
NYISO	NY	STA5 11Y 11.500	1	149150	4.85	4.8	WAT	HY	Existing		YES	1
NYISO	NY	STA5 11Y 11.500	2	149150	4.85	4.8	WAT	HY	Existing		YES	1
NYISO	NY	HIGH FAL 2.3000	1	137181	4.8	3.2	WAT	HY	Existing		YES	1
NYISO	NY	WESTENDH 4.1600	1	137165	4.73	3.15	WAT	HY	Existing		YES	1
NYISO	NY	CRSCNT#2 13.800	1	147793	4.7	4.7	WAT	HY	Existing		YES	1
NYISO	NY	VISCHR#2 13.800	1	147795	4.6	4.6	WAT	HY	Existing		YES	1
NYISO	NY	TAYLORVI 2.3000	H	137185	4.5	3	WAT	HY	Existing		YES	1



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NYISO	NY	OSW FALL	34.500	1	136537	4.4	4.4	WAT	HY	Existing		YES	1
NYISO	NY	HIGHFL46	46.000	1	131778	4.35	3	WAT	HY	Existing		YES	1
NYISO	NY	HIGHFL46	46.000	2	131778	4.35	3	WAT	HY	Existing		YES	1
NYISO	NY	MOSHIERG	6.9000	1	137160	4.3	4.3	WAT	HY	Existing		YES	1
NYISO	NY	BUROWS P	46.000	1	137273	4.3	4.3	WAT	HY	Existing		YES	1
NYISO	NY	STURG-G1	6.6000	1	125202	3.94	3.9	WAT	HY	Existing		YES	1
NYISO	NY	ELLECTVL	115.00	1	135276	3.8	3.8	NG	IC	Existing			
NYISO	NY	L.HILL-1	12.000	1	136712	3.75	3.75	WAT	HY	Existing		YES	1
NYISO	NY	L.HILL-1	12.000	2	136712	3.75	3.75	WAT	HY	Existing		YES	1
NYISO	NY	MILL C46	46.000	3	131789	3.74	3.74	WAT	HY	Existing		YES	1
NYISO	NY	MONGAUP	69.000	1	146794	3.7	3.7	WAT	HY	Existing		YES	1
NYISO	NY	WALD HY\$	13.100	1	131608	3.66	3.66	WAT	HY	Existing		YES	1
NYISO	NY	E NORFOK	2.3000	1	137176	3.6	2.3	WAT	HY	Existing		YES	1
NYISO	NY	TICN+OTN	115.00	1	137910	3.6	3.5	WAT	HY	Existing		YES	1
NYISO	NY	ASHOKAN	13.800	1	147799	3.6	3.6	WAT	HY	Existing		YES	1
NYISO	NY	BRIST HL	34.500	1	136333	3.6	3.6	REF	ST	Existing		YES	1
NYISO	NY	ALLENS F	115.00	1	136751	3.5	2.6	WAT	HY	Existing		YES	1
NYISO	NY	CIBRO	34.500	1	137585	3.5	3.5			Existing			
NYISO	NY	HAILSBOR	23.000	1	137025	3.4	0.3	WAT	HY	Existing		YES	1
NYISO	NY	PHILA HY	23.000	1	137060	3.4	3.4	WAT	HY	Existing		YES	1
NYISO	NY	JARVIS	4.1600	1	147786	3.3	3.3	WAT	HY	Existing		YES	1
NYISO	NY	JARVIS	4.1600	2	147786	3.3	3.3	WAT	HY	Existing		YES	1
NYISO	NY	STURG-G2	6.6000	2	125203	3.28	3.2	WAT	HY	Existing		YES	1
NYISO	NY	STURG-G3	6.6000	3	125204	3.28	3.2	WAT	HY	Existing		YES	1
NYISO	NY	LANDFIL\$	34.500	1	131512	3.2	2.8	MTE	IC	Existing		YES	1
NYISO	NY	LANDFIL\$	34.500	2	131512	3.2	2.8	MTE	IC	Existing		YES	1
NYISO	NY	FULTON_G	4.1600	1	146026	3.2	0			Existing			
NYISO	NY	WF+AH+MP	34.500	1	137675	3.1	1.5	WAT	HY	Existing		YES	1
NYISO	NY	OGDENSBG	115.00	1	136794	3.1	3.1			Existing			



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NYISO	NY	KENTSF46	46.000	1	131786	3.05	1.9	WAT	HY	Existing		YES	1
NYISO	NY	KENTSF46	46.000	2	131786	3.05	1.9	WAT	HY	Existing		YES	1
NYISO	NY	GENMLS61	34.500	1	135514	3	3	NG	CC	Existing			
NYISO	NY	WATERLOO	34.500	1	131307	3	1	WAT	HY	Existing		YES	1
NYISO	NY	HYDLRACE	12.000	1	135818	3	2	WAT	HY	Existing		YES	1
NYISO	NY	MECHANIC	34.500	1	137994	3	1.5	WAT	HY	Existing		YES	1
NYISO	NY	SCOKE+RR	34.500	1	138006	3	2.5	WAT	HY	Existing		YES	1
NYISO	NY	SCOKE+RR	34.500	2	138006	3	2.5	WAT	HY	Existing		YES	1
NYISO	NY	LYNDL MR	115.00	3	136848	3	3	WD	WT	Existing		YES	1
NYISO	NY	BLISS2_GE_1G0.5750		W	147787	3	3	WND	WT	Existing		YES	1
NYISO	NY	CLNTN_GE_2G 0.5750		W	147955	3	3	WND	WT	Existing		YES	1
NYISO	NY	ELBG2_GE_1G 0.5750		W	147974	3	3	WND	WT	Existing		YES	1
NYISO	NY	CLNTN2_GE_1G0.5750		W	147999	3	3	WND	WT	Existing		YES	1
NYISO	NY	EMERYVLE	2.4000	1	137168	3	0.2			Existing			
NYISO	NY	WOLF RD	115.00	1	137552	3	3			Existing			
NYISO	NY	GIH+FM+B	34.500	1	137607	3	3			Existing			
NYISO	NY	HIGH DAM	46.000	4	136300	2.9	2.9	WAT	HY	Existing		YES	1
NYISO	NY	POTDM PA	115.00	1	136796	2.9	2.9	WAT	HY	Existing		YES	1
NYISO	NY	FORSTPHY	46.000	1	137289	2.9	2.9	WAT	HY	Existing		YES	1
NYISO	NY	LIBERTY	34.500	1	137616	2.9	2.9	WAT	HY	Existing		YES	1
NYISO	NY	LONGHYDR	4.2000	1	136981	2.88	1.92	WAT	HY	Existing		YES	1
NYISO	NY	HIGH FLS	69.000	1	125102	2.8	2.8	WAT	HY	Existing		YES	1
NYISO	NY	JVL+VLYF	34.500	2	137988	2.8	1.5	WAT	HY	Existing		YES	1
NYISO	NY	WBURG34	34.500	1	138017	2.8	2.8	WAT	HY	Existing		YES	1
NYISO	NY	DASH-GEN	6.6000	1	125201	2.75	1.5	WAT	HY	Existing		YES	1
NYISO	NY	DASH-GEN	6.6000	2	125201	2.75	1.5	WAT	HY	Existing		YES	1
NYISO	NY	PHOENIX	34.500	1	136562	2.7	2.7	WAT	HY	Existing		YES	1
NYISO	NY	DANSK DS	2.4000	5	125200	2.7	2.5	FO2	IC	Existing			
NYISO	NY	DANSK DS	2.4000	6	125200	2.7	2.5	FO2	IC	Existing			



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NYISO	NY	CADYVILE 46.000	3	131769	2.6	1.105	WAT	HY	Existing		YES	1
NYISO	NY	UNION 46.000	1	136865	2.6	2.6	WAT	HY	Existing		YES	1
NYISO	NY	FLAT RCK 115.00	1	136771	2.5	1.5	WAT	HY	Existing		YES	1
NYISO	NY	MOSH_SUN 115.00	1	136786	2.5	2.5	WAT	HY	Existing		YES	1
NYISO	NY	HEUVELTO 23.000	1	137028	2.5	0.45	WAT	HY	Existing		YES	1
NYISO	NY	CNDGII_C93_10.6900	W	130928	2.5	2.5	WND	WT	Existing		YES	1
NYISO	NY	N CARTHG 115.00	1	136788	2.5	2.5			Existing			
NYISO	NY	HANNAWA 4.8000	1	137163	2.41	2.4	WAT	HY	Existing		YES	1
NYISO	NY	HANNAWA 4.8000	2	137163	2.41	2.4	WAT	HY	Existing		YES	1
NYISO	NY	W MANAGE 34.500	1	136027	2.4	2.4	MTE	IC	Existing		YES	1
NYISO	NY	OSW FALL 34.500	2	136537	2.3	2.3	WAT	HY	Existing		YES	1
NYISO	NY	PARISHVL 115.00	1	136795	2.3	1.49	WAT	HY	Existing		YES	1
NYISO	NY	JVL+VLYF 34.500	1	137988	2.3	1	WAT	HY	Existing		YES	1
NYISO	NY	ROME 115.00	1	137237	2.3	2.3			Existing			
NYISO	NY	P LEYD H 23.000	1	137059	2.2	2.2	WAT	HY	Existing		YES	1
NYISO	NY	NORWOOD 2.3000	1	137183	2.2	1.4	WAT	HY	Existing		YES	1
NYISO	NY	LAWRENCE 13.200	2	137153	2.2	2.2			Existing			
NYISO	NY	FINCH TP 115.00	6	137859	2.15	2.15	WAT	HY	Existing		YES	1
NYISO	NY	SEN ME2\$ 34.500	1	131312	2.1	2			Existing			
NYISO	NY	CORNEL \$ 115.00	1	131399	2.04	1.4			Existing			
NYISO	NY	PRKCHT#1 13.800	1	126734	2	0	NG	GT	Existing			
NYISO	NY	RAYMD HY 115.00	1	136801	2	1.3	WAT	HY	Existing		YES	1
NYISO	NY	EEL HYDR 2.4000	1	137167	2	1.23	WAT	HY	Existing		YES	1
NYISO	NY	BLACK RI 2.3000	1	137173	2	1.2	WAT	HY	Existing		YES	1
NYISO	NY	BLACK RI 2.3000	2	137173	2	1.2	WAT	HY	Existing		YES	1
NYISO	NY	BLACK RI 2.3000	3	137173	2	1.2	WAT	HY	Existing		YES	1
NYISO	NY	EHAMPDES 4.1600	2	129128	2	1.9	FO2	IC	Existing			
NYISO	NY	EHAMPDES 4.1600	3	129128	2	1.9	FO2	IC	Existing			
NYISO	NY	EHAMPDES 4.1600	4	129128	2	1.9	FO2	IC	Existing			



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NYISO	NY	MNTK_DES	4.1600	1	129136	2	1.8	FO2	IC	Existing			
NYISO	NY	MNTK_DES	4.1600	2	129136	2	1.8	FO2	IC	Existing			
NYISO	NY	MNTK_DES	4.1600	3	129136	2	1.8	FO2	IC	Existing			
NYISO	NY	WOLEAN55	13.200	1	135400	2	2			Existing			
NYISO	NY	N CARTHG	115.00	2	136788	2	2			Existing			
NYISO	NY	OGDENSBG	115.00	3	136794	2	2			Existing			
NYISO	NY	ROCK ISL	23.000	1	137071	1.9	1.9	WAT	HY	Existing	YES	1	
NYISO	NY	KEUKA 34	34.500	1	131271	1.8	1	WAT	HY	Existing	YES	1	
NYISO	NY	HERRINGS	2.3000	1	137180	1.8	1.2	WAT	HY	Existing	YES	1	
NYISO	NY	HERRINGS	2.3000	2	137180	1.8	1.2	WAT	HY	Existing	YES	1	
NYISO	NY	HERRINGS	2.3000	3	137180	1.8	1.2	WAT	HY	Existing	YES	1	
NYISO	NY	EPHR 23	23.000	1	138023	1.8	1	WAT	HY	Existing	YES	1	
NYISO	NY	OCEAN LF	13.800	1	128926	1.8	0.6	MTE	IC	Existing	YES	1	
NYISO	NY	CHATGY34	34.500	2	131813	1.75	1.75	WAT	HY	Existing	YES	1	
NYISO	NY	TANNERYH	0.6000	1	137187	1.72	1.15	WAT	HY	Existing	YES	1	
NYISO	NY	HIGH DAM	46.000	1	136300	1.7	1.7	WAT	HY	Existing	YES	1	
NYISO	NY	HIGH DAM	46.000	2	136300	1.7	1.7	WAT	HY	Existing	YES	1	
NYISO	NY	HIGH DAM	46.000	3	136300	1.7	1.7	WAT	HY	Existing	YES	1	
NYISO	NY	KENSICO	13.800	1	147791	1.7	1.4	WAT	HY	Existing	YES	1	
NYISO	NY	COPENGEN	23.000	1	136991	1.69	1.13	WAT	HY	Existing	YES	1	
NYISO	NY	COPENGEN	23.000	2	136991	1.69	1.13	WAT	HY	Existing	YES	1	
NYISO	NY	ALICE F\$	46.000	1	131761	1.61	1.406	WAT	HY	Existing	YES	1	
NYISO	NY	CHATGY34	34.500	1	131813	1.6	1.6	WAT	HY	Existing	YES	1	
NYISO	NY	WATERPRT	34.500	1	136029	1.6	1.3	WAT	HY	Existing	YES	1	
NYISO	NY	PIERC HY	46.000	1	136861	1.6	1.6	WAT	HY	Existing	YES	1	
NYISO	NY	DENLEY	23.000	1	136998	1.6	1.6	WAT	HY	Existing	YES	1	
NYISO	NY	HERKM HY	46.000	1	137297	1.6	1.6	WAT	HY	Existing	YES	1	
NYISO	NY	SCHUYLER	115.00	1	137240	1.6	1.6			Existing			
NYISO	NY	KAMARGO	2.3000	1	137182	1.57	1	WAT	HY	Existing	YES	1	



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NYISO	NY	RAINBOW	46.000	1	131795	1.5	1.5	WAT	HY	Existing		YES	1
NYISO	NY	RAINBOW	46.000	2	131795	1.5	1.5	WAT	HY	Existing		YES	1
NYISO	NY	ELMER	2.3000	1	137178	1.5	1	WAT	HY	Existing		YES	1
NYISO	NY	NEWPRTHY	46.000	1	137321	1.5	1.5	WAT	HY	Existing		YES	1
NYISO	NY	STYV+CHY	34.500	1	137656	1.5	1.5	WAT	HY	Existing		YES	1
NYISO	NY	PAT HOU\$	46.000	1	131119	1.5	1.5			Existing			
NYISO	NY	GARLOCK\$	34.500	1	131244	1.5	1.5			Existing			
NYISO	NY	GOODYR \$	46.000	1	131667	1.49	1.49	WAT	HY	Existing		YES	1
NYISO	NY	FOWLER	23.000	2	137015	1.45	0.2	WAT	HY	Existing		YES	1
NYISO	NY	MFHYD	34.500	1	138049	1.438	0.7	WAT	HY	Existing		YES	1
NYISO	NY	MFHYD	34.500	2	138049	1.438	0.7	WAT	HY	Existing		YES	1
NYISO	NY	FULTN HY	34.500	1	136399	1.4	1.4	WAT	HY	Existing		YES	1
NYISO	NY	CHASM HY	2.2000	3	137166	1.4	1.4	WAT	HY	Existing		YES	1
NYISO	NY	YPNK LF	13.800	1	129112	1.4	1.4	MTE	IC	Existing		YES	1
NYISO	NY	SUGAR IS	115.00	1	136806	1.3	1.3	WAT	HY	Existing		YES	1
NYISO	NY	SUGAR IS	115.00	2	136806	1.3	1.3	WAT	HY	Existing		YES	1
NYISO	NY	THER HYD	2.4000	1	137170	1.3	1.3	WAT	HY	Existing		YES	1
NYISO	NY	EAGLEGEN	4.8000	1	137162	1.25	1.2	WAT	HY	Existing		YES	1
NYISO	NY	SHERMG6	4.1600	6	146652	1.25	0			Existing			
NYISO	NY	PBUSH W	115.00	1	137523	1.23	1.2	WAT	HY	Existing		YES	1
NYISO	NY	DIAM ISL	2.3000	1	137175	1.2	1.2	WAT	HY	Existing		YES	1
NYISO	NY	BK+HV+FM	34.500	2	137964	1.2	1.2	WAT	HY	Existing		YES	1
NYISO	NY	SCHUVL	34.500	2	138004	1.2	1.2	WAT	HY	Existing		YES	1
NYISO	NY	H.D.G.#6	23.000	1	137023	1.2	0.2			Existing			
NYISO	NY	CM+UN+HV	34.500	1	137973	1.2	1.2			Existing			
NYISO	NY	MILL C46	46.000	2	131789	1.18	1.18	WAT	HY	Existing		YES	1
NYISO	NY	SO EDWAR	34.500	1	136929	1.12	1.1	WAT	HY	Existing		YES	1
NYISO	NY	SO EDWAR	34.500	2	136929	1.12	1.1	WAT	HY	Existing		YES	1
NYISO	NY	DIKE HY\$	34.500	1	131240	1.1	1.1	WAT	HY	Existing		YES	1



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NYISO	NY	MILL ST	4.8000	1	137164	1.1	0.5	WAT	HY	Existing	YES	1
NYISO	NY	BELFORT	2.3000	1	137172	1.02	0.68	WAT	HY	Existing	YES	1
NYISO	NY	BELFORT	2.3000	2	137172	1.02	0.68	WAT	HY	Existing	YES	1
NYISO	NY	AUB HY \$	115.00	2	130883	1	0.9	WAT	HY	Existing	YES	1
NYISO	NY	CADYVILE	46.000	1	131769	1	1	WAT	HY	Existing	YES	1
NYISO	NY	CADYVILE	46.000	2	131769	1	1	WAT	HY	Existing	YES	1
NYISO	NY	BALDW1T9	34.500	3	136317	1	0.3	WAT	HY	Existing	YES	1
NYISO	NY	HIGLEY	115.00	1	136775	1	1	WAT	HY	Existing	YES	1
NYISO	NY	MACOMB	34.500	1	136914	1	0.3	WAT	HY	Existing	YES	1
NYISO	NY	CATALDO	23.000	1	136978	1	1	WAT	HY	Existing	YES	1
NYISO	NY	HOLLOW DM	23.000	1	137031	1	1	WAT	HY	Existing	YES	1
NYISO	NY	NATUR DM	23.000	1	137053	1	1	WAT	HY	Existing	YES	1
NYISO	NY	CHASM HY	2.2000	1	137166	1	0.5	WAT	HY	Existing	YES	1
NYISO	NY	CHASM HY	2.2000	2	137166	1	0.5	WAT	HY	Existing	YES	1
NYISO	NY	BEAVR FA	2.3000	1	137171	1	0.67	WAT	HY	Existing	YES	1
NYISO	NY	BEAVR FA	2.3000	2	137171	1	0.67	WAT	HY	Existing	YES	1
NYISO	NY	FRANK HY	2.3000	1	137179	1	0.8	WAT	HY	Existing	YES	1
NYISO	NY	FRANK HY	2.3000	2	137179	1	0.8	WAT	HY	Existing	YES	1
NYISO	NY	BK+HV+FM	34.500	1	137964	1	1	WAT	HY	Existing	YES	1
NYISO	NY	HARRIS	115.00	1	136204	1	1	MTE	IC	Existing	YES	1
NYISO	NY	NEWARK \$	34.500	1	131245	1	1			Existing		
NYISO	NY	H.D.G.#3	23.000	1	137022	1	0.1			Existing		
PJM	PA	CONEMAUGH		1	200030	445.4	410	Coal		Existing	NO	
PJM	PA	CONEMAUGH		1	200030	405.2	373	Coal		Existing	NO	
PJM	PA	CONEMAUGH		2	200031	404.6	372	Coal		Existing	NO	
PJM	PA	CONEMAUGH		2	200031	445.4	410	Coal		Existing	NO	
PJM	PA	CONEMAUGH DIESELS		A-D	200031	12.0	11	Diesel		Existing	NO	
PJM	PA	KEYSTONE		1	200032	12.0	11	Diesel		Existing	NO	
PJM	PA	KEYSTONE		3-6	200032	433.6	399	Coal		Existing	NO	



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PJM	PA	KEYSTONE	3-6	200032	418.4	385	Coal		Existing		NO	
PJM	PA	KEYSTONE	2	200033	418.9	385	Coal		Existing		NO	
PJM	PA	KEYSTONE	2	200033	434.1	399	Coal		Existing		NO	
PJM	PA	PEACH BOTTOM	2	200034	1198.0	1102	Nuclear		Existing		NO	
PJM	PA	PEACH BOTTOM	3	200035	1182.0	1087	Nuclear		Existing		NO	
PJM	NJ	SALEM	1	200036	1174.4	1080	Nuclear		Existing		NO	
PJM	NJ	SALEM	2	200037	1160.0	1067	Nuclear		Existing		NO	
PJM	PA	SUSQUEHANNA	2	200038	1260.0	1159	Nuclear		Existing		NO	
PJM	NJ	HOPE CREEK	1	200039	1161.0	1068	Nuclear		Existing		NO	
PJM	MD	CALVERT CLIFFS	1	200040	873.0	803	Nuclear		Existing		NO	
PJM	MD	CALVERT CLIFFS	2	200041	867.0	798	Nuclear		Existing		NO	
PJM	PA	LIMERICK	2	200042	1134.0	1043	Nuclear		Existing		NO	
PJM	PA	BETHLEHEM	1	200044	126.0	116	Natural Gas		Existing		NO	
PJM	PA	BETHLEHEM	2	200045	126.0	116	Natural Gas		Existing		NO	
PJM	PA	BETHLEHEM	3	200046	126.0	116	Natural Gas		Existing		NO	
PJM	PA	BETHLEHEM	4	200047	187.0	172	Natural Gas		Existing		NO	
PJM	PA	BETHLEHEM	5	200048	126.0	116	Natural Gas		Existing		NO	
PJM	PA	BETHLEHEM	6	200049	126.0	116	Natural Gas		Existing		NO	
PJM	PA	BETHLEHEM	7	200050	126.0	116	Natural Gas		Existing		NO	
PJM	MD	ROCK SPRINGS	CT1	200052	162.5	150	Natural Gas		Existing		NO	
PJM	MD	ROCK SPRINGS	CT2	200053	162.5	150	Natural Gas		Existing		NO	
PJM	MD	ROCK SPRINGS	CT3	200054	165.0	152	Natural Gas		Existing		NO	
PJM	MD	ROCK SPRINGS	CT4	200055	165.0	152	Natural Gas		Existing		NO	
PJM	PA	HUNTERSTOWN	101	200058	169.0	155	Natural Gas		Existing		NO	
PJM	PA	HUNTERSTOWN	201	200059	169.0	155	Natural Gas		Existing		NO	
PJM	PA	HUNTERSTOWN	301	200060	169.0	155	Natural Gas		Existing		NO	
PJM	PA	HUNTERSTOWN	401	200061	323.0	297	Natural Gas		Existing		NO	
PJM	NJ	SALEM	GT3	200062	38.4	35	Kerosene		Existing		NO	
PJM	PA	PEACH BOTTOM		200192	122.0	112	Natural Gas		Existing		NO	



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PJM	PA	PEACH BOTTOM		200193	122.0	112	Natural Gas		Existing		NO	
PJM	PA	PEACH BOTTOM		200194	122.0	112	Natural Gas		Existing		NO	
PJM	PA	PEACH BOTTOM		200195	188.9	174	Natural Gas		Existing		NO	
PJM	PA	CAMBRIA NUG	IPP	200503	88.0	81	Coal		Existing		NO	
PJM	PA	EBENSBURG NUG	IPP	200503	50.0	46	Coal		Existing		NO	
PJM	PA	PINEY	3	200608	9.0	8	Water		Existing		NO	
PJM	PA	PINEY	1	200608	9.0	8	Water		Existing		NO	
PJM	PA	PINEY	2	200608	9.0	8	Water		Existing		NO	
PJM	PA	IUP NUG	IPP	200636	13.0	12	Diesel		Existing		NO	
PJM	PA	SENECA	1	200642	210.0	193	Water		Existing		NO	
PJM	PA	SENECA	2	200643	195.0	179	Water		Existing		NO	
PJM	PA	SENECA	3	200644	30.0	28	Water		Existing		NO	
PJM	PA	PENNTTECH(WILLAMETT E)	1	200649	42.8	39	Black Liquor		Existing		NO	
PJM	PA	PINEY CREEK NUG	IPP	200657	31.0	29	Coal		Existing		NO	
PJM	PA	SCRUBGRASS NUG	IPP	200662	85.0	78	Coal		Existing		NO	
PJM	PA	SHAWVILLE	3	200665	175.0	161	Coal		Existing		NO	
PJM	PA	SHAWVILLE	4	200666	175.0	161	Coal		Existing		NO	
PJM	PA	SHAWVILLE DIESELS	5-7	200666	6.0	6	Diesel		Existing		NO	
PJM	PA	SHAWVILLE	1	200715	122.0	112	Coal		Existing		NO	
PJM	PA	SHAWVILLE	2	200722	125.0	115	Coal		Existing		NO	
PJM	PA	COLVER NUG	IPP	200805	110.0	101	Coal		Existing		NO	
PJM	PA	RAYSTOWN	1	200812	6.0	6	Natural Gas		Existing		NO	
PJM	PA	YOUGHIOGHENY NUG	IPP	200813	6.0	6	Water		Existing		NO	
PJM	PA	HANDSOME LAKE	1	200828	53.5	49	Natural Gas		Existing		NO	
PJM	PA	HANDSOME LAKE	2	200829	53.5	49	Natural Gas		Existing		NO	
PJM	PA	HANDSOME LAKE	3	200830	53.5	49	Natural Gas		Existing		NO	
PJM	PA	HANDSOME LAKE	4	200831	53.5	49	Natural Gas		Existing		NO	
PJM	PA	HANDSOME LAKE	5	200832	53.5	49	Natural Gas		Existing		NO	
PJM	PA	SEWARD	1	200833	565.0	520	Natural Gas		Existing		NO	



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PJM	PA	HOMER CITY	1	200837	620.0	570	Coal		Existing		NO	
PJM	PA	HOMER CITY	2	200838	614.0	565	Coal		Existing		NO	
PJM	PA	HOMER CITY	3	200839	650.0	598	Coal		Existing		NO	
PJM	PA	DEEP CREEK	1	200840	9.9	9	Water		Existing		NO	
PJM	PA	DEEP CREEK	2	200841	9.9	9	Water		Existing		NO	
PJM	PA	LAKEVIEW NUG	IPP	200849	1.6	1	Landfil Gas		Existing		NO	
PJM	PA	LAKEVIEW NUG	IPP	200849	1.6	1	Landfil Gas		Existing		NO	
PJM	PA	LAKEVIEW NUG	IPP	200849	1.8	2	Landfil Gas		Existing		NO	
PJM	PA	CONEMAUGH DAM NUG	IPP	202158	2.0	2	Water		Existing		NO	
PJM	PA	CONEMAUGH DAM NUG	IPP	202160	2.0	2	Water		Existing		NO	
PJM	PA	BLOSSBURG	1	203261	19.0	17	Natural Gas		Existing		NO	
PJM	PA	MODERN LANDFILL	NUG	204574	6.0	6	Landfil Gas		Existing		NO	
PJM	PA	LEBANON	1	204603	2.0	2	Landfil Gas		Existing		NO	
PJM	PA	GRAND CENTRAL	1-3	204628	7.2	7	Landfil Gas		Existing		NO	
PJM	PA	P. H. GLATFELTER NUG	IPP	204639	15.0	14	Coal		Existing		NO	
PJM	PA	P. H. GLATFELTER NUG	IPP	204639	20.0	18	Coal		Existing		NO	
PJM	PA	LANCASTER CO RR NUG	IPP	204640	30.0	28	Municipal Solid Waste		Existing		NO	
PJM	PA	PANTHER CREEK NUG	IPP	204641	80.0	74	Coal		Existing		NO	
PJM	PA	YORK COUNTY RR NUG	IPP	204642	30.0	28	Municipal Solid Waste		Existing		NO	
PJM	PA	HAMILTON	1	204646	19.6	18	Diesel		Existing		NO	
PJM	PA	HUNTERSTOWN	3	204647	20.0	18	Diesel		Existing		NO	
PJM	PA	HUNTERSTOWN	1	204647	20.0	18	Diesel		Existing		NO	
PJM	PA	HUNTERSTOWN	2	204647	20.0	18	Diesel		Existing		NO	
PJM	PA	MOUNTAIN	2	204648	20.0	18	Diesel		Existing		NO	
PJM	PA	MOUNTAIN	1	204648	20.0	18	Diesel		Existing		NO	
PJM	PA	ORTANNA	1	204649	20.0	18	Diesel		Existing		NO	
PJM	PA	TOLNA	1	204650	20.0	18	Diesel		Existing		NO	
PJM	PA	TOLNA	2	204650	19.0	17	Diesel		Existing		NO	
PJM	PA	PORTLAND	4	204651	20.0	18	Diesel		Existing		NO	



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PJM	PA	PORTLAND	3	204651	15.0	14	Diesel		Existing		NO	
PJM	PA	PORTLAND	1	204652	79.0	73	Coal		Existing		NO	
PJM	PA	PORTLAND	1	204652	79.0	73	Coal		Existing		NO	
PJM	PA	PORTLAND	2	204653	121.5	112	Coal		Existing		NO	
PJM	PA	PORTLAND	2	204653	121.5	112	Coal		Existing		NO	
PJM	PA	SHAWNEE	1	204654	20.0	18	Diesel		Existing		NO	
PJM	PA	TITUS	5	204655	16.0	15	Diesel		Existing		NO	
PJM	PA	TITUS	4	204655	15.0	14	Diesel		Existing		NO	
PJM	PA	TITUS	1	204656	81.0	75	Coal		Existing		NO	
PJM	PA	TITUS	2	204657	81.0	75	Coal		Existing		NO	
PJM	PA	TITUS	3	204658	81.0	75	Coal		Existing		NO	
PJM	PA	THREE MILE ISLAND	1	204659	805.0	741	Nuclear		Existing		NO	
PJM	PA	YORK HAVEN	1	204660	19.0	17	Water		Existing		NO	
PJM	PA	PORTLAND	5	204661	134.0	123	Coal		Existing		NO	
PJM	PA	IRONWOOD	CT1	204662	224.0	206	Natural Gas		Existing		NO	
PJM	PA	IRONWOOD	CT2	204663	224.0	206	Natural Gas		Existing		NO	
PJM	PA	IRONWOOD	3	204664	222.0	204	Natural Gas		Existing		NO	
PJM	PA	ONTELAUNEE	CT1	204665	195.5	180	Natural Gas		Existing		NO	
PJM	PA	ONTELAUNEE	CT2	204666	195.5	180	Natural Gas		Existing		NO	
PJM	PA	ONTELAUNEE	CC3	204667	140.3	129	Natural Gas		Existing		NO	
PJM	NJ	MCRC (MONMOUTH)	IPP	206271	7.0	6	Natural Gas		Existing		NO	
PJM	NJ	MANCHESTER NUG	IPP	206280	5.0	5	Natural Gas		Existing		NO	
PJM	NJ	LAKWOOD	IPP	206306	74.0	68	Natural Gas		Existing		NO	
PJM	NJ	LAKWOOD	IPP	206308	74.0	68	Natural Gas		Existing		NO	
PJM	NJ	LAKWOOD	IPP	206312	74.0	68	Natural Gas		Existing		NO	
PJM	NJ	OYSTER CREEK	1	206325	614.5	565	Nuclear		Existing		NO	
PJM	NJ	SOUTH RIVER NUG	IPP	206327	94.0	86	Natural Gas		Existing		NO	
PJM	NJ	SOUTH RIVER NUG	IPP	206328	94.0	86	Natural Gas		Existing		NO	
PJM	NJ	SOUTH RIVER NUG	IPP	206329	92.0	85	Natural Gas		Existing		NO	



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PJM	NJ	GILBERT	C9	206330	152.0	140	Natural Gas	Existing	NO
PJM	NJ	GLEN GARDNER	2	206331	20.0	18	Diesel	Existing	NO
PJM	NJ	GLEN GARDNER	1	206331	20.0	18	Diesel	Existing	NO
PJM	NJ	GLEN GARDNER	4	206332	20.0	18	Diesel	Existing	NO
PJM	NJ	GLEN GARDNER	3	206332	20.0	18	Diesel	Existing	NO
PJM	NJ	GLEN GARDNER	5	206333	20.0	18	Diesel	Existing	NO
PJM	NJ	GLEN GARDNER	6	206333	20.0	18	Diesel	Existing	NO
PJM	NJ	GLEN GARDNER	8	206334	20.0	18	Diesel	Existing	NO
PJM	NJ	GLEN GARDNER	7	206334	20.0	18	Diesel	Existing	NO
PJM	NJ	YARDS CREEK	1	206337	140.0	129	Water	Existing	NO
PJM	NJ	YARDS CREEK	2	206338	140.0	129	Water	Existing	NO
PJM	NJ	YARDS CREEK	3	206339	120.0	110	Water	Existing	NO
PJM	NJ	GILBERT	4	206340	49.0	45	Natural Gas	Existing	NO
PJM	NJ	GILBERT	5	206340	49.0	45	Natural Gas	Existing	NO
PJM	NJ	GILBERT	8	206341	90.0	83	Natural Gas	Existing	NO
PJM	NJ	GILBERT	6	206342	51.0	47	Natural Gas	Existing	NO
PJM	NJ	GILBERT	7	206342	49.0	45	Natural Gas	Existing	NO
PJM	NJ	WARREN COUNTY RR NUG	IPP	206345	10.0	9	Municipal Solid Waste	Existing	NO
PJM	NJ	GILBERT	C1	206347	23.0	21	Natural Gas	Existing	NO
PJM	NJ	GILBERT	C2	206347	25.0	23	Natural Gas	Existing	NO
PJM	NJ	GILBERT	C4	206348	25.0	23	Natural Gas	Existing	NO
PJM	NJ	GILBERT	C3	206348	25.0	23	Natural Gas	Existing	NO
PJM	NJ	SAYREVILLE	GT1	206350	57.0	52	Diesel	Existing	NO
PJM	NJ	SAYREVILLE	GT2	206350	53.0	49	Diesel	Existing	NO
PJM	NJ	SAYREVILLE	GT4	206351	57.0	52	Diesel	Existing	NO
PJM	NJ	SAYREVILLE	GT3	206351	57.0	52	Diesel	Existing	NO
PJM	NJ	WERNER	GT2	206355	53.0	49	Diesel	Existing	NO
PJM	NJ	WERNER	GT1	206355	53.0	49	Diesel	Existing	NO
PJM	NJ	WERNER	GT3	206356	53.0	49	Diesel	Existing	NO



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PJM	NJ	WERNER	GT4	206356	53.0	49	Diesel		Existing		NO	
PJM	NJ	FORKED RIVER	1	206360	34.0	31	Natural Gas		Existing		NO	
PJM	NJ	FORKED RIVER	2	206361	31.0	29	Natural Gas		Existing		NO	
PJM	NJ	RED OAK	CT1	206362	174.0	160	Natural Gas		Existing		NO	
PJM	NJ	RED OAK	CT2	206363	174.0	160	Natural Gas		Existing		NO	
PJM	NJ	RED OAK	CT3	206364	174.0	160	Natural Gas		Existing		NO	
PJM	NJ	RED OAK	CC1	206365	244.0	224	Natural Gas		Existing		NO	
PJM	NJ	LAKWOOD	CT1	206366	158.1	145	Natural Gas		Existing		NO	
PJM	NJ	LAKWOOD	CT2	206367	158.1	145	Natural Gas		Existing		NO	
PJM	NJ	COMPOSITE (JC) NUG	IPP	206671	5.0	5	N/A		Existing		NO	
PJM	PA	BRUNNER ISLAND DIESE	D1-D3	207922	8.2	8	Diesel		Existing		NO	
PJM	PA	BRUNNER ISLAND	1	208900	160.0	147	Coal		Existing		NO	
PJM	PA	BRUNNER ISLAND	1	208900	161.0	148	Coal		Existing		NO	
PJM	PA	BRUNNER ISLAND	2	208901	189.0	174	Coal		Existing		NO	
PJM	PA	BRUNNER ISLAND	2	208901	189.0	174	Coal		Existing		NO	
PJM	PA	BRUNNER ISLAND	3	208902	749.0	689	Coal		Existing		NO	
PJM	PA	HOLTWOOD	1	208903	10.0	9	Water		Existing		NO	
PJM	PA	HOLTWOOD	6	208904	11.0	10	Water		Existing		NO	
PJM	PA	LOWER MOUNT BETHEL	CT1	208905	172.8	159	Natural Gas		Existing		NO	
PJM	PA	LOWER MOUNT BETHEL	CT2	208906	172.8	159	Natural Gas		Existing		NO	
PJM	PA	LOWER MOUNT BETHEL	ST1	208908	207.6	191	Natural Gas		Existing		NO	
PJM	PA	MARTINS CREEK	3	208909	850.0	782	Oil		Existing		NO	
PJM	PA	MARTINS CREEK	4	208910	800.0	736	Oil		Existing		NO	
PJM	PA	MONTOUR	1	208911	761.0	700	Coal		Existing		NO	
PJM	PA	MONTOUR	11	208912	15.6	14	Diesel		Existing		NO	
PJM	PA	MONTOUR	2	208912	766.0	705	Coal		Existing		NO	
PJM	PA	SAFE HARBOR	1	208913	64.0	59	Water		Existing		NO	
PJM	PA	SAFE HARBOR	3	208914	32.5	30	Water		Existing		NO	
PJM	PA	SAFE HARBOR	5	208915	33.0	30	Water		Existing		NO	



PJM	PA	SAFE HARBOR	8	208916	38.1	35	Water	Existing	NO
PJM	PA	SAFE HARBOR	11	208917	38.0	35	Water	Existing	NO
PJM	PA	SUSQUEHANNA	1	208918	1260.0	1159	Nuclear	Existing	NO
PJM	PA	WALLENPAUPACK	1	208920	44.0	40	Water	Existing	NO
PJM	PA	ALLENTOWN	CT1	208940	56.0	52	Diesel	Existing	NO
PJM	PA	FISHBACH	CT1	208941	28.0	26	Diesel	Existing	NO
PJM	PA	HARRISBURG	CT1	208942	56.0	52	Diesel	Existing	NO
PJM	PA	HARWOOD	CT1	208943	28.0	26	Diesel	Existing	NO
PJM	PA	JENKINS	CT1	208944	28.0	26	Diesel	Existing	NO
PJM	PA	LOCK HAVEN	GT1	208945	14.0	13	Diesel	Existing	NO
PJM	PA	MARTINS CREEK	CT1	208946	72.0	66	Diesel	Existing	NO
PJM	PA	WEST SHORE	CT1	208947	28.0	26	Diesel	Existing	NO
PJM	PA	WILLIAMSPORT	CT1	208948	28.0	26	Diesel	Existing	NO
PJM	PA	BETHLEHEM	8	208980	187.0	172	Natural Gas	Existing	NO
PJM	PA	FOSTER WHEELER	IPP	208981	43.0	40	Coal	Existing	NO
PJM	PA	GILBERTON POWER	IPP	208982	82.0	75	Coal	Existing	NO
PJM	PA	HARRISBURG MSW	IPP	208985	23.0	21	Municipal Solid Waste	Existing	NO
PJM	PA	KEYSTONE LANDFILL	IPP	209003	5.0	5	Landfil Gas	Existing	NO
PJM	PA	KOPPERS CO.	IPP	209004	8.0	7	Wood	Existing	NO
PJM	PA	NORTHEAST POWER CO	IPP	209006	52.0	48	Coal	Existing	NO
PJM	PA	NORTHAMPTON NUG	IPP	209007	111.4	102	Coal	Existing	NO
PJM	PA	PAXTON CREEK COGEN	IPP	209008	12.0	11	Natural Gas	Existing	NO
PJM	PA	ARCHIBALD NUG	2	209009	50.0	46	Natural Gas	Existing	NO
PJM	PA	ARCHIBALD NUG	1	209010	20.0	18	Landfil Gas	Existing	NO
PJM	PA	SCHUYLKILL ENERGY	IPP	209013	86.0	79	Coal	Existing	NO
PJM	PA	SUNBURY	1	209014	80.0	74	Coal	Existing	NO
PJM	PA	SUNBURY	2	209015	80.0	74	Coal	Existing	NO
PJM	PA	SUNBURY	3	209016	94.0	86	Coal	Existing	NO
PJM	PA	SUNBURY	4	209017	128.0	118	Coal	Existing	NO



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PJM	PA	SUNBURY	CT1	209018	36.0	33	Diesel		Existing		NO
PJM	PA	VIKING ENERGY	IPP	209019	16.4	15	Wood		Existing		NO
PJM	PA	WESTWOOD NUG	IPP	209021	32.5	30	Coal		Existing		NO
PJM	PA	FRACKVILLE	IPP	209022	43.0	40	Coal		Existing		NO
PJM	PA	HAZELTON NUG	NUG	209023	60.9	56	Natural Gas		Existing		NO
PJM	PA	HAZELTON NUG	CT 2	209025	29.1	27	Natural Gas		Existing		NO
PJM	PA	HAZELTON NUG	CT 3	209025	31.0	29	Natural Gas		Existing		NO
PJM	PA	HAZELTON NUG	CT 4	209026	29.6	27	Natural Gas		Existing		NO
PJM	PA	EAST CARBONDALE	1	211940	8.9	8	Wind		Existing		NO
PJM	PA	DRMI	IPP	213400	75.0	69	Municipal Solid Waste		Existing		NO
PJM	PA	CHESTER	8	213497	13.0	12	Diesel		Existing		NO
PJM	PA	CHESTER	9	213497	13.0	12	Diesel		Existing		NO
PJM	PA	CHESTER	7	213497	13.0	12	Diesel		Existing		NO
PJM	MD	CONOWINGO	11	213508	65.0	60	Water		Existing		NO
PJM	MD	CONOWINGO	10	213508	65.0	60	Water		Existing		NO
PJM	MD	CONOWINGO	2	213514	36.0	33	Water		Existing		NO
PJM	MD	CONOWINGO	1	213514	48.0	44	Water		Existing		NO
PJM	MD	CONOWINGO	3	213515	48.0	44	Water		Existing		NO
PJM	MD	CONOWINGO	4	213515	48.0	44	Water		Existing		NO
PJM	MD	CONOWINGO	6	213516	48.0	44	Water		Existing		NO
PJM	MD	CONOWINGO	5	213516	36.0	33	Water		Existing		NO
PJM	MD	CONOWINGO	7	213517	48.0	44	Water		Existing		NO
PJM	MD	CONOWINGO	9	213518	65.0	60	Water		Existing		NO
PJM	MD	CONOWINGO	8	213518	65.0	60	Water		Existing		NO
PJM	PA	C.D.S. DIESELS	D1-D5	213530	2.7	2	Diesel		Existing		NO
PJM	PA	CROYDON	11	213535	49.0	45	Diesel		Existing		NO
PJM	PA	CROYDON	12	213536	49.0	45	Diesel		Existing		NO
PJM	PA	CROYDON	21	213537	50.0	46	Diesel		Existing		NO
PJM	PA	CROYDON	22	213538	49.0	45	Diesel		Existing		NO



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PJM	PA	CROYDON	31	213539	49.0	45	Diesel		Existing		NO
PJM	PA	CROYDON	32	213540	49.0	45	Diesel		Existing		NO
PJM	PA	CROYDON	41	213541	49.0	45	Diesel		Existing		NO
PJM	PA	CROYDON	42	213542	49.0	45	Diesel		Existing		NO
PJM	PA	DELAWARE	11	213560	13.0	12	Diesel		Existing		NO
PJM	PA	DELAWARE	12	213560	13.0	12	Diesel		Existing		NO
PJM	PA	DELAWARE	9	213561	17.0	16	Diesel		Existing		NO
PJM	PA	DELAWARE	10	213561	13.0	12	Diesel		Existing		NO
PJM	PA	EDDYSTONE	10	213575	13.0	12	Diesel		Existing		NO
PJM	PA	EDDYSTONE	20	213577	13.0	12	Diesel		Existing		NO
PJM	PA	EDDYSTONE	3	213587	380.0	350	Coal		Existing		NO
PJM	PA	EDDYSTONE	4	213589	380.0	350	Coal		Existing		NO
PJM	PA	EDDYSTONE	30	213590	17.0	16	Diesel		Existing		NO
PJM	PA	EDDYSTONE	40	213590	17.0	16	Diesel		Existing		NO
PJM	PA	FAIRLESS HILLS	A	213606	30.0	28	Diesel		Existing		NO
PJM	PA	FAIRLESS HILLS	B	213606	30.0	28	Diesel		Existing		NO
PJM	PA	FALLS	2	213611	17.0	16	Diesel		Existing		NO
PJM	PA	FALLS	1	213611	17.0	16	Diesel		Existing		NO
PJM	PA	FALLS	3	213611	17.0	16	Diesel		Existing		NO
PJM	PA	FORD MILL	1ACT	213616	176.0	162	Natural Gas		Existing		NO
PJM	PA	FORD MILL	1BCT	213617	176.0	162	Natural Gas		Existing		NO
PJM	PA	FORD MILL	1ST	213618	245.0	225	Natural Gas		Existing		NO
PJM	PA	FORD MILL	2ACT	213619	176.0	162	Natural Gas		Existing		NO
PJM	PA	FORD MILL	2BCT	213620	176.0	162	Natural Gas		Existing		NO
PJM	PA	FORD MILL	2ST	213621	245.0	225	Natural Gas		Existing		NO
PJM	PA	GRAYS FERRY NUG	NUG1	213632	32.0	29	Natural Gas		Existing		NO
PJM	PA	GRAYS FERRY NUG	NUG1	213632	118.0	109	Natural Gas		Existing		NO
PJM	PA	LIBERTY (EDDYSTONE)	CT1	213738	159.0	146	Natural Gas		Existing		NO
PJM	PA	LIBERTY (EDDYSTONE)	CT2	213739	159.0	146	Natural Gas		Existing		NO



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PJM	PA	LIBERTY (EDDYSTONE)	CC3	213740	223.0	205	Natural Gas	Existing	NO
PJM	PA	LIMERICK	1	213742	1134.0	1043	Nuclear	Existing	NO
PJM	PA	MUDDY RUN	2	213792	133.0	122	Water	Existing	NO
PJM	PA	MUDDY RUN	1	213792	134.0	123	Water	Existing	NO
PJM	PA	MUDDY RUN	3	213793	134.0	123	Water	Existing	NO
PJM	PA	MUDDY RUN	4	213793	134.0	123	Water	Existing	NO
PJM	PA	MUDDY RUN	5	213794	134.0	123	Water	Existing	NO
PJM	PA	MUDDY RUN	6	213794	133.0	122	Water	Existing	NO
PJM	PA	MUDDY RUN	7	213795	134.0	123	Water	Existing	NO
PJM	PA	MUDDY RUN	8	213795	134.0	123	Water	Existing	NO
PJM	PA	MMLP NUG (MONTENAY)	NUG	213806	28.0	26	Municipal Solid Waste	Existing	NO
PJM	PA	MOSER	1	213815	17.0	16	Diesel	Existing	NO
PJM	PA	MOSER	2	213815	17.0	16	Diesel	Existing	NO
PJM	PA	MOSER	3	213815	17.0	16	Diesel	Existing	NO
PJM	PA	PENNSBURY	1-2	213878	6.0	6	Landfil Gas	Existing	NO
PJM	PA	PHILLIPS ISLAND	CT1	213888	173.3	159	Natural Gas	Existing	NO
PJM	PA	PHILLIPS ISLAND	CT2	213889	173.3	159	Natural Gas	Existing	NO
PJM	PA	PHILLIPS ISLAND	CT3	213890	173.3	159	Natural Gas	Existing	NO
PJM	PA	PHILLIPS ISLAND	ST4	213893	240.1	221	Natural Gas	Existing	NO
PJM	PA	RICHMOND	91	213918	48.0	44	Diesel	Existing	NO
PJM	PA	RICHMOND	92	213919	48.0	44	Diesel	Existing	NO
PJM	PA	SCHUYLKILL	10	213943	13.0	12	Diesel	Existing	NO
PJM	PA	SCHUYLKILL	11	213944	17.0	16	Diesel	Existing	NO
PJM	PA	SCHUYLKILL	1	213945	166.0	153	Oil	Existing	NO
PJM	PA	SOUTHWARK	4	213957	13.0	12	Diesel	Existing	NO
PJM	PA	SOUTHWARK	3	213957	13.0	12	Diesel	Existing	NO
PJM	PA	SOUTHWARK	5	213958	13.0	12	Diesel	Existing	NO
PJM	PA	SOUTHWARK	6	213958	13.0	12	Diesel	Existing	NO
PJM	PA	MH 50	1	213962	51.0	47	Natural Gas	Existing	NO



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PJM	NJ	GREAT FALLS	1	216901	6.6	6	Water	Existing	NO
PJM	NJ	BERGEN	3	217006	21.0	19	Natural Gas	Existing	NO
PJM	NJ	BAYONNE COGEN TECH	1	217023	158.0	145	Natural Gas	Existing	NO
PJM	NJ	LINDEN	8	217048	80.2	74	Natural Gas	Existing	NO
PJM	NJ	LINDEN	7	217048	84.0	77	Natural Gas	Existing	NO
PJM	NJ	ESSEX COUNTY RR	1	217065	64.6	59	Municipal Solid Waste	Existing	NO
PJM	NJ	ESSEX	101	217076	168.0	155	Natural Gas	Existing	NO
PJM	NJ	ESSEX	111	217077	184.0	169	Natural Gas	Existing	NO
PJM	NJ	ESSEX	121	217078	184.0	169	Natural Gas	Existing	NO
PJM	NJ	ESSEX	9	217079	81.0	75	Natural Gas	Existing	NO
PJM	NJ	BERGEN	1CC	217080	195.0	179	Natural Gas	Existing	NO
PJM	NJ	KEARNY	9	217086	21.0	19	Coal	Existing	NO
PJM	NJ	HUDSON	2	217112	574.5	529	Coal	Existing	NO
PJM	NJ	NEWARK BAY COGEN	GEN2	217113	43.0	40	Natural Gas	Existing	NO
PJM	NJ	NEWARK BAY COGEN	GEN1	217113	43.0	40	Natural Gas	Existing	NO
PJM	NJ	NEWARK BAY COGEN	GEN3	217113	34.2	31	Natural Gas	Existing	NO
PJM	NJ	BERGEN	1CC	217118	480.0	442	Natural Gas	Existing	NO
PJM	NJ	BERGEN	2CC	217138	157.2	145	Natural Gas	Existing	NO
PJM	NJ	BERGEN	2CC	217139	157.2	145	Natural Gas	Existing	NO
PJM	NJ	BERGEN	2CC	217140	235.6	217	Natural Gas	Existing	NO
PJM	NJ	KEARNY	122	217146	43.8	40	Natural Gas	Existing	NO
PJM	NJ	KEARNY	121	217146	43.8	40	Natural Gas	Existing	NO
PJM	NJ	KEARNY	123	217147	43.8	40	Natural Gas	Existing	NO
PJM	NJ	KEARNY	124	217147	43.8	40	Natural Gas	Existing	NO
PJM	NJ	UNION CO. RESOURCE RECOVERY	1	218318	39.0	36	Municipal Solid Waste	Existing	NO
PJM	NJ	EDISON	11	218326	168.0	155	Natural Gas	Existing	NO
PJM	NJ	EDISON	21	218327	168.0	155	Natural Gas	Existing	NO
PJM	NJ	EDISON	31	218328	168.0	155	Natural Gas	Existing	NO
PJM	NJ	TOSCO	1	218344	118.5	109	Natural Gas	Existing	NO



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PJM	NJ	SEWAREN	1	218360	104.0	96	Natural Gas	Existing	NO
PJM	NJ	SEWAREN	2	218361	118.0	109	Natural Gas	Existing	NO
PJM	NJ	SEWAREN	3	218362	107.0	98	Natural Gas	Existing	NO
PJM	NJ	SEWAREN	4	218363	124.0	114	Natural Gas	Existing	NO
PJM	NJ	SEWAREN	6	218364	110.9	102	Natural Gas	Existing	NO
PJM	NJ	K.O. GEOTHERMALS	1-2	218379	9.0	8	GEOTHERMALS	Existing	NO
PJM	NJ	LINDEN	5	218418	86.0	79	Natural Gas	Existing	NO
PJM	NJ	LINDEN	6	218419	86.0	79	Natural Gas	Existing	NO
PJM	NJ	LINDEN2	CT1	218423	151.3	139	Oil	Existing	NO
PJM	NJ	LINDEN2	CT2	218424	151.3	139	Oil	Existing	NO
PJM	NJ	LINDEN2	CT3	218425	151.3	139	Oil	Existing	NO
PJM	NJ	LINDEN2	ST1	218426	296.0	272	Oil	Existing	NO
PJM	NJ	LINDEN1		218435	195.9	180	Oil	Existing	NO
PJM	NJ	LINDEN1		218436	298.0	274	Oil	Existing	NO
PJM	NJ	BURLINGTON	8	219103	21.0	19	Kerosene	Existing	NO
PJM	NJ	EAGLE POINT	1	219120	167.1	154	Natural Gas	Existing	NO
PJM	NJ	BURLINGTON	91	219124	184.0	169	Kerosene	Existing	NO
PJM	NJ	BURLINGTON	111	219127	184.0	169	Kerosene	Existing	NO
PJM	NJ	CAMDEN COUNTY RR NUG	IPP	219128	23.0	21	Municipal Solid Waste	Existing	NO
PJM	NJ	GLOUCESTER CO RR NUG	IPP	219128	12.0	11	Municipal Solid Waste	Existing	NO
PJM	NJ	K.O. GEOTHERMALS	1-2	219128	2.0	2	GEOTHERMALS	Existing	NO
PJM	NJ	MERCER	1	219132	323.5	298	Coal	Existing	NO
PJM	NJ	MERCER	2	219133	324.0	298	Coal	Existing	NO
PJM	NJ	MERCER	GT3	219134	115.8	107	Kerosene	Existing	NO
PJM	NJ	NATIONAL PARK	GT1	219137	21.0	19	Kerosene	Existing	NO
PJM	NJ	TRENTON DISTRICT	1	219150	12.0	11	Natural Gas	Existing	NO
PJM	NJ	CAMDEN (COGEN TECH)	1	219156	65.7	60	Natural Gas	Existing	NO
PJM	NJ	CAMDEN (COGEN TECH)	1	219156	80.7	74	Natural Gas	Existing	NO



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PJM	NJ	WHEELABRATOR FALLS	1	219157	46.2	43	Municipal Solid Waste	Existing	NO
PJM	NJ	BURLINGTON	121	219221	42.0	39	Natural Gas	Existing	NO
PJM	NJ	BURLINGTON	122	219222	42.0	39	Natural Gas	Existing	NO
PJM	NJ	BURLINGTON	123	219223	42.0	39	Natural Gas	Existing	NO
PJM	NJ	BURLINGTON	124	219224	42.0	39	Natural Gas	Existing	NO
PJM	PA	UPTON		220900	13.9	13	Landfil Gas	Existing	NO
PJM	MD	BRANDON SHORES	1	220901	649.3	597	Coal	Existing	NO
PJM	MD	BRANDON SHORES	2	220902	649.5	598	Coal	Existing	NO
PJM	MD	C P CRANE	1	220903	190.0	175	Coal	Existing	NO
PJM	MD	C P CRANE	2	220904	195.0	179	Coal	Existing	NO
PJM	MD	C P CRANE	GT1	220905	14.0	13	Diesel	Existing	NO
PJM	MD	NOTCH CLIFF	GT1	220907	64.0	59	Natural Gas	Existing	NO
PJM	MD	NOTCH CLIFF	GT5	220908	64.0	59	Natural Gas	Existing	NO
PJM	MD	PERRYMAN	GT1	220909	103.0	95	Diesel	Existing	NO
PJM	MD	PERRYMAN	GT3	220910	104.0	96	Diesel	Existing	NO
PJM	MD	PERRYMAN	51	220911	149.0	137	Diesel	Existing	NO
PJM	MD	PHILADELPHIA ROAD	GT1	220912	32.0	29	Diesel	Existing	NO
PJM	MD	PHILADELPHIA ROAD	GT3	220913	32.0	29	Diesel	Existing	NO
PJM	MD	RIVERSIDE	4	220914	78.0	72	Natural Gas	Existing	NO
PJM	MD	RIVERSIDE	GT6	220915	118.0	109	Kerosene	Existing	NO
PJM	MD	RIVERSIDE	GT7	220916	40.0	37	Diesel	Existing	NO
PJM	MD	HERBERT A WAGNER	1	220917	128.1	118	Oil	Existing	NO
PJM	MD	HERBERT A WAGNER	2	220918	135.0	124	Coal	Existing	NO
PJM	MD	HERBERT A WAGNER	3	220919	182.4	168	Coal	Existing	NO
PJM	MD	HERBERT A WAGNER	3	220919	141.6	130	Coal	Existing	NO
PJM	MD	HERBERT A WAGNER	4	220920	397.0	365	Coal	Existing	NO
PJM	MD	HERBERT A WAGNER	GT1	220921	14.0	13	Diesel	Existing	NO
PJM	MD	WESTPORT	GT5	220922	121.0	111	Natural Gas	Existing	NO
PJM	MD	BRESCO NUG	IPP	220932	57.0	52	Municipal Solid Waste	Existing	NO



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PJM	MD	GUDE LANDFILL	1	223959	2.2	2	Landfil Gas	Existing	NO
PJM	MD	DICKERSON	ST1	224031	91.0	84	Coal	Existing	NO
PJM	MD	DICKERSON	ST1	224031	91.0	84	Coal	Existing	NO
PJM	MD	DICKERSON	2	224032	91.0	84	Coal	Existing	NO
PJM	MD	DICKERSON	2	224032	91.0	84	Coal	Existing	NO
PJM	MD	DICKERSON	3	224033	91.0	84	Coal	Existing	NO
PJM	MD	DICKERSON	3	224033	91.0	84	Coal	Existing	NO
PJM	MD	DICKERSON	GT1	224034	13.0	12	Diesel	Existing	NO
PJM	MD	CHALK POINT	ST1	224035	170.5	157	Coal	Existing	NO
PJM	MD	CHALK POINT	ST1	224035	170.5	157	Coal	Existing	NO
PJM	MD	CHALK POINT	ST2	224036	171.0	157	Coal	Existing	NO
PJM	MD	CHALK POINT	ST2	224036	171.0	157	Coal	Existing	NO
PJM	MD	CHALK POINT	3	224037	595.0	547	Oil	Existing	NO
PJM	MD	CHALK POINT	4	224038	585.3	538	Oil	Existing	NO
PJM	MD	CHALK POINT	GT1	224039	18.0	17	Diesel	Existing	NO
PJM	MD	CHALK POINT	GT2	224040	24.4	22	Diesel	Existing	NO
PJM	MD	CHALK POINT	GT3	224041	86.0	79	Diesel	Existing	NO
PJM	MD	CHALK POINT	GT4	224042	86.0	79	Diesel	Existing	NO
PJM	MD	CHALK POINT	GT5	224043	109.0	100	Diesel	Existing	NO
PJM	MD	CHALK POINT	GT6	224044	109.0	100	Diesel	Existing	NO
PJM	MD	SMECO	SCT1	224045	79.0	73	Natural Gas	Existing	NO
PJM	MD	MORGANTOWN	ST1	224046	624.0	574	Coal	Existing	NO
PJM	MD	MORGANTOWN	ST2	224047	620.0	570	Coal	Existing	NO
PJM	MD	MORGANTOWN	GT1	224048	16.0	15	Diesel	Existing	NO
PJM	MD	MORGANTOWN	GT2	224049	16.0	15	Diesel	Existing	NO
PJM	MD	MORGANTOWN	3	224050	54.0	50	Diesel	Existing	NO
PJM	MD	MORGANTOWN	4	224051	49.0	45	Diesel	Existing	NO
PJM	MD	MORGANTOWN	5	224052	54.0	50	Diesel	Existing	NO
PJM	MD	MORGANTOWN	6	224053	54.0	50	Diesel	Existing	NO



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PJM	MD	DICKERSON	GT2	224054	147.0	135	Natural Gas	Existing	NO
PJM	MD	DICKERSON	GT3	224055	147.0	135	Natural Gas	Existing	NO
PJM	MD	MCRRF	NUG	224056	52.0	48	Municipal Solid Waste	Existing	NO
PJM	MD	PANDA	NUG	224099	78.0	72	Natural Gas	Existing	NO
PJM	MD	PANDA	NUG	224100	78.0	72	Natural Gas	Existing	NO
PJM	MD	PANDA	NUG	224101	74.0	68	Natural Gas	Existing	NO
PJM	NJ	MISSOURI AVENUE	C	227801	20.0	18	Kerosene	Existing	NO
PJM	NJ	MISSOURI AVENUE	B	227801	20.0	18	Kerosene	Existing	NO
PJM	NJ	MISSOURI AVENUE	D	227807	20.0	18	Kerosene	Existing	NO
PJM	NJ	BORGATA	1	227842	2.0	2	Diesel	Existing	NO
PJM	NJ	BORGATA	2	227842	2.0	2	Diesel	Existing	NO
PJM	NJ	CEDAR	1	228000	46.0	42	Kerosene	Existing	NO
PJM	NJ	CEDAR	2	228001	22.0	20	Kerosene	Existing	NO
PJM	NJ	PLEASANTVILLE	1	228014	1.7	2	Landfil Gas	Existing	NO
PJM	NJ	BL England		228100	8.0	7	Diesel	Existing	NO
PJM	NJ	BL England		228101	116.7	107	Coal	Existing	NO
PJM	NJ	BL England		228102	155.0	143	Coal	Existing	NO
PJM	NJ	BL England		228103	149.2	137	Oil	Existing	NO
PJM	NJ	MIDDLE	3	228104	37.0	34	Kerosene	Existing	NO
PJM	NJ	MIDDLE	1	228105	20.0	18	Kerosene	Existing	NO
PJM	NJ	MIDDLE	2	228105	20.0	18	Kerosene	Existing	NO
PJM	NJ	CARLLS CORNER	1	228200	36.0	33	Natural Gas	Existing	NO
PJM	NJ	CARLLS CORNER	2	228201	36.6	34	Natural Gas	Existing	NO
PJM	NJ	CUMBERLAND	GT1	228202	80.8	74	Natural Gas	Existing	NO
PJM	NJ	SHERMAN AVENUE	1	228206	79.9	74	Natural Gas	Existing	NO
PJM	NJ	DEEPWATER	1	228301	78.0	72	Natural Gas	Existing	NO
PJM	NJ	DEEPWATER	6	228302	80.0	74	Coal	Existing	NO
PJM	NJ	LOGAN (KCS) (KEYSTONE)	IPP	228304	219.0	201	Water	Existing	NO
PJM	NJ	PEDRICKTOWN (PCLP)	EWG	228306	55.2	51	Natural Gas	Existing	NO



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PJM	NJ	PEDRICKTOWN (PCLP)	EWG	228307	55.1	51	Natural Gas		Existing		NO
PJM	NJ	CPGP NUG	IPP	228309	240.0	221	Coal		Existing		NO
PJM	NJ	MICKLETON	1	228400	52.5	48	Natural Gas		Existing		NO
PJM	NJ	HOWARD DOWN(VINELAND)	10	228700	23.0	21	Coal		Existing		NO
PJM	NJ	WEST STATION(VINELAND JET)	1	228702	26.0	24	Diesel		Existing		NO
PJM	DE	HAY ROAD	4	231505	187.0	172	Natural Gas		Existing		NO
PJM	DE	EDGE MOOR	5	231900	450.0	414	Oil		Existing		NO
PJM	DE	EDGE MOOR	4	231901	174.0	160	Coal		Existing		NO
PJM	DE	DELAWARE CITY	7	231902	88.9	82	Gas		Existing		NO
PJM	DE	DELAWARE CITY	3	231906	70.0	64	Gas		Existing		NO
PJM	DE	DELAWARE CITY	10	231907	16.0	15	Diesel		Existing		NO
PJM	DE	HAY ROAD	1	231908	126.0	116	Natural Gas		Existing		NO
PJM	DE	HAY ROAD	2	231909	126.0	116	Natural Gas		Existing		NO
PJM	DE	HAY ROAD	3	231910	126.0	116	Natural Gas		Existing		NO
PJM	DE	HAY ROAD	5	231911	125.0	115	Natural Gas		Existing		NO
PJM	DE	HAY ROAD	6	231912	125.0	115	Natural Gas		Existing		NO
PJM	DE	HAY ROAD	7	231913	125.0	115	Natural Gas		Existing		NO
PJM	DE	HAY ROAD	8	231914	190.0	175	Natural Gas		Existing		NO
PJM	DE	DELAWARE CITY	6	231915	57.5	53	Natural Gas		Existing		NO
PJM	DE	EDGE MOOR	3	231916	86.0	79	Coal		Existing		NO
PJM	DE	EDGE MOOR	10	231917	18.2	17	Diesel		Existing		NO
PJM	DE	WEST SUBSTATION	1	231918	20.3	19	Diesel		Existing		NO
PJM	DE	CHRISTIANA	11	231919	26.7	25	Diesel		Existing		NO
PJM	DE	CHRISTIANA	14	231920	26.7	25	Diesel		Existing		NO
PJM	DE	GENERAL FOODS	IPP	232616	16.1	15	Coal		Existing		NO
PJM	DE	WARREN BEASLEY POWER STATION(CLAYTON)	1	232900	48.0	44	Natural Gas		Existing		NO
PJM	DE	DOVER PARKLAND	11	232901	39.0	36	Natural Gas		Existing		NO



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PJM	MD	EASTON	21-22	232902	69.0	63	Diesel		Existing		NO
PJM	DE	INDIAN RIVER	4	232904	432.1	398	Coal		Existing		NO
PJM	VA	BAYVIEW	1-6	232905	12.0	11	Diesel		Existing		NO
PJM	VA	VIENNA	8	232907	153.0	141	Oil		Existing		NO
PJM	DE	KENT	GT1	232910	44.0	40	Natural Gas		Existing		NO
PJM	DE	KENT	GT2	232911	44.0	40	Natural Gas		Existing		NO
PJM	VA	COMMONWEALTH CHESAPEAKE POWER STATION	CCC1	232912	45.0	41	Diesel		Existing		NO
PJM	VA	COMMONWEALTH CHESAPEAKE POWER STATION	CCC2	232913	44.5	41	Diesel		Existing		NO
PJM	VA	COMMONWEALTH CHESAPEAKE POWER STATION	CCC3	232914	45.0	41	Diesel		Existing		NO
PJM	VA	COMMONWEALTH CHESAPEAKE POWER STATION	CCC4	232915	45.0	41	Diesel		Existing		NO
PJM	VA	COMMONWEALTH CHESAPEAKE POWER STATION	CCC5	232916	45.0	41	Diesel		Existing		NO
PJM	VA	COMMONWEALTH CHESAPEAKE POWER STATION	CCC6	232917	44.8	41	Diesel		Existing		NO
PJM	VA	COMMONWEALTH CHESAPEAKE POWER STATION	CCC7	232918	44.7	41	Diesel		Existing		NO
PJM	VA	VIENNA	10	232919	15.9	15	Diesel		Existing		NO
PJM	DE	INDIAN RIVER	10	232920	16.4	15	Diesel		Existing		NO
PJM	VA	TASLEY	10	232921	32.7	30	Diesel		Existing		NO
PJM	DE	MCKEE RUN	3	232922	102.0	94	Oil		Existing		NO
PJM	DE	MCKEE RUN	1	232923	17.0	16	Oil		Existing		NO
PJM	DE	MCKEE RUN	2	232924	17.0	16	Oil		Existing		NO
PJM	MD	CRISFIELD DIESELS	1-4	232926	10.0	9	Diesel		Existing		NO
PJM	WV	R P SMITH	3	235123	28.0	26	Coal		Existing		NO
PJM	PA	AL&D	5-6	235134	6.0	6	Water		Existing		NO
PJM	WV	HANNIBAL LK&D	1	235344	19.0	17	Water		Existing		NO



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PJM	WV	GRANT TOWN	1	235555	80.0	74	Coal		Existing		NO
PJM	WV	ALBRIGHT	1	235564	73.0	67	Coal		Existing		NO
PJM	WV	ALBRIGHT	2	235565	73.0	67	Coal		Existing		NO
PJM	WV	ALBRIGHT	3	235566	137.0	126	Coal		Existing		NO
PJM	PA	ARMSTRONG	1	235567	172.0	158	Coal		Existing		NO
PJM	PA	ARMSTRONG	2	235569	171.0	157	Coal		Existing		NO
PJM	PA	LAKE LYNN	1	235570	26.0	24	Water		Existing		NO
PJM	PA	LAKE LYNN	3	235571	26.0	24	Water		Existing		NO
PJM	PA	MITCHELL	2A	235573	82.0	75	Diesel		Existing		NO
PJM	PA	MITCHELL	3A	235574	277.0	255	Coal		Existing		NO
PJM	WV	RIVESVILLE	5	235575	35.0	32	Coal		Existing		NO
PJM	WV	RIVESVILLE	6	235576	86.0	79	Coal		Existing		NO
PJM	WV	WILLOW ISLAND	1	235577	54.0	50	Coal		Existing		NO
PJM	WV	WILLOW ISLAND	2	235578	181.0	167	Coal		Existing		NO
PJM	MD	R P SMITH	4	235579	87.0	80	Coal		Existing		NO
PJM	PA	HATFIELD'S FERRY	1	235580	530.0	488	Coal		Existing		NO
PJM	PA	HATFIELD'S FERRY	2	235581	530.0	488	Coal		Existing		NO
PJM	PA	HATFIELD'S FERRY	3	235582	530.0	488	Coal		Existing		NO
PJM	WV	FORT MARTIN	1	235583	552.0	508	Coal		Existing		NO
PJM	WV	FORT MARTIN	2	235584	557.0	512	Coal		Existing		NO
PJM	WV	HARRISON	1	235585	657.0	604	Coal		Existing		NO
PJM	WV	HARRISON	2	235586	657.0	604	Coal		Existing		NO
PJM	WV	HARRISON	3	235587	651.0	599	Coal		Existing		NO
PJM	WV	PLEASANTS	1	235590	639.0	588	Coal		Existing		NO
PJM	WV	PLEASANTS	2	235591	639.0	588	Coal		Existing		NO
PJM	PA	AE 1 (SPRINGDALE)	1	235610	44.0	40	Natural Gas		Existing		NO
PJM	PA	AE 12 (GUILFORD)	12	235611	44.0	40	Natural Gas		Existing		NO
PJM	PA	AE 3 (SPRINGDALE)	3	235612	168.0	155	Natural Gas		Existing		NO
PJM	PA	AE 4 (SPRINGDALE)	4	235613	166.0	153	Natural Gas		Existing		NO



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PJM	PA	AE 5 (SPRINGDALE)	5	235614	175.0	161	Natural Gas		Existing		NO	
PJM	PA	AE 8 (GANS)	8	235615	44.0	40	Natural Gas		Existing		NO	
PJM	PA	AE 9 (GANS)	9	235616	44.0	40	Natural Gas		Existing		NO	
PJM	PA	SOUTH BEND	1	235619	155.4	143	Natural Gas		Existing		NO	
PJM	PA	SOUTH BEND	2	235620	155.3	143	Natural Gas		Existing		NO	
PJM	PA	SOUTH BEND	3	235621	157.1	145	Natural Gas		Existing		NO	
PJM	PA	SOUTH BEND	4	235622	155.6	143	Natural Gas		Existing		NO	
PJM	WV	OAK GROVE	1	235623	160.2	147	Natural Gas		Existing		NO	
PJM	WV	OAK GROVE	2	235624	163.7	151	Natural Gas		Existing		NO	
PJM	PA	AE 13 (GUILFORD)	13	235723	44.0	40	Natural Gas		Existing		NO	
PJM	PA	AE 2 (SPRINGDALE)	2	235724	44.0	40	Natural Gas		Existing		NO	
PJM	PA	RONCO	CT1	235755	162.5	150	Natural Gas		Existing		NO	
PJM	PA	RONCO	CT2	235756	162.5	150	Natural Gas		Existing		NO	
PJM	PA	RONCO	STG	235757	295.0	271	Natural Gas		Existing		NO	
PJM	WV	WVU	1	236000	50.0	46	Coal		Existing		NO	
PJM	MD	AES WARRIOR RUN	1	236001	180.0	166	Coal		Existing		NO	
PJM	MI	BUCHANAN	2	242570	40.0	37	Natural Gas		Existing		NO	
PJM	MI	BUCHANAN	1	242570	40.0	37	Natural Gas		Existing		NO	
PJM	VA	GLEN LYN	5	242650	90.0	83	Coal		Existing		NO	
PJM	VA	GLEN LYN	6	242651	235.0	216	Coal		Existing		NO	
PJM	WV	BIG SANDY PEAKER	BSG4	242659	49.0	45	Natural Gas		Existing		NO	
PJM	WV	BIG SANDY PEAKER	BSG1	242659	49.0	45	Natural Gas		Existing		NO	
PJM	WV	BIG SANDY PEAKER	BSG3	242659	49.0	45	Natural Gas		Existing		NO	
PJM	WV	BIG SANDY PEAKER	BSG2	242659	49.0	45	Natural Gas		Existing		NO	
PJM	WV	BIG SANDY PEAKER	BSG5	242659	49.0	45	Natural Gas		Existing		NO	
PJM	WV	BIG SANDY PEAKER	BSG6	242659	49.0	45	Natural Gas		Existing		NO	
PJM	VA	LEESVILLE	1	242701	50.0	46	Water		Existing		NO	
PJM	VA	PHILPOTT	1-3	242750	15.0	14	Water		Existing		NO	
PJM	VA	SMITH MOUNTAIN	4	242802	185.0	170	Water		Existing		NO	



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PJM	VA	SMITH MOUNTAIN	5	242802	70.0	64	Water		Existing		NO	
PJM	VA	SMITH MOUNTAIN	3	242802	105.0	97	Water		Existing		NO	
PJM	VA	SMITH MOUNTAIN	1	242802	68.0	63	Water		Existing		NO	
PJM	VA	SMITH MOUNTAIN	2	242802	179.0	165	Water		Existing		NO	
PJM	WV	PHIL SPORN	1	242807	145.0	133	Coal		Existing		NO	
PJM	WV	PHIL SPORN	2	242807	145.0	133	Coal		Existing		NO	
PJM	WV	PHIL SPORN	3	242807	145.0	133	Coal		Existing		NO	
PJM	WV	PHIL SPORN	4	242807	145.0	133	Coal		Existing		NO	
PJM	WV	PHIL SPORN	5	242808	440.0	405	Coal		Existing		NO	
PJM	WV	CEREDO GENERATING STATION	5	242838	76.0	70	Natural Gas		Existing		NO	
PJM	WV	CEREDO GENERATING STATION	3	242838	76.0	70	Natural Gas		Existing		NO	
PJM	WV	CEREDO GENERATING STATION	4	242838	76.0	70	Natural Gas		Existing		NO	
PJM	WV	CEREDO GENERATING STATION	6	242838	76.0	70	Natural Gas		Existing		NO	
PJM	WV	CEREDO GENERATING STATION	2	242838	76.0	70	Natural Gas		Existing		NO	
PJM	WV	CEREDO GENERATING STATION	1	242838	76.4	70	Natural Gas		Existing		NO	
PJM	VA	WOLF HILLS	WHG3	242850	49.1	45	Natural Gas		Existing		NO	
PJM	VA	WOLF HILLS	WHG5	242850	49.1	45	Natural Gas		Existing		NO	
PJM	VA	WOLF HILLS	WHG4	242850	49.1	45	Natural Gas		Existing		NO	
PJM	VA	WOLF HILLS	WHG2	242851	49.1	45	Natural Gas		Existing		NO	
PJM	VA	WOLF HILLS	WHG1	242851	49.1	45	Natural Gas		Existing		NO	
PJM	WV	JOHN E AMOS	2	242891	800.0	736	Coal		Existing		NO	
PJM	WV	JOHN E AMOS	1	242892	800.0	736	Coal		Existing		NO	
PJM	WV	JOHN E AMOS	3	242893	656.0	604	Coal		Existing		NO	
PJM	WV	JOHN E AMOS	3	242893	644.0	592	Coal		Existing		NO	
PJM	WV	MOUNTAINEER	1	242894	663.0	610	Coal		Existing		NO	
PJM	WV	MOUNTAINEER	2	242894	637.0	586	Coal		Existing		NO	
PJM	WV	KANAWHA RIVER	1	242895	73.8	68	Coal		Existing		NO	
PJM	WV	KANAWHA RIVER	1	242896	126.2	116	Coal		Existing		NO	



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PJM	WV	KANAWHA RIVER	2	242897	73.8	68	Coal		Existing		NO	
PJM	WV	KANAWHA RIVER	2	242898	126.2	116	Coal		Existing		NO	
PJM	VA	CLINCH RIVER	1	242899	126.0	116	Coal		Existing		NO	
PJM	VA	CLINCH RIVER	1	242900	104.0	96	Coal		Existing		NO	
PJM	VA	CLINCH RIVER	2	242901	126.0	116	Coal		Existing		NO	
PJM	VA	CLINCH RIVER	2	242902	104.0	96	Coal		Existing		NO	
PJM	VA	CLINCH RIVER	3	242903	126.0	116	Coal		Existing		NO	
PJM	VA	CLINCH RIVER	3	242904	104.0	96	Coal		Existing		NO	
PJM	VA	CLAYTOR	2	242906	40.5	37	Water		Existing		NO	
PJM	VA	CLAYTOR	1	242907	40.5	37	Water		Existing		NO	
PJM	OH	ROLLING HILLS	2	242922	167.1	154	Natural Gas		Existing		NO	
PJM	OH	ROLLING HILLS	5	242922	167.3	154	Natural Gas		Existing		NO	
PJM	OH	ROLLING HILLS	4	242922	167.0	154	Natural Gas		Existing		NO	
PJM	OH	ROLLING HILLS	1	242922	167.0	154	Natural Gas		Existing		NO	
PJM	OH	ROLLING HILLS	3	242922	167.0	154	Natural Gas		Existing		NO	
PJM	OH	WASHINGTON	3	242931	258.0	237	Natural Gas		Existing		NO	
PJM	OH	WASHINGTON	2	242931	181.0	167	Natural Gas		Existing		NO	
PJM	OH	WASHINGTON	1	242931	181.0	167	Natural Gas		Existing		NO	
PJM	OH	RP MONE	3	242933	151.5	139	Natural Gas		Existing		NO	
PJM	OH	RP MONE	2	242933	151.5	139	Natural Gas		Existing		NO	
PJM	OH	RP MONE	1	242933	151.5	139	Natural Gas		Existing		NO	
PJM	OH	HANGING ROCK	3	242934	264.0	243	Natural Gas		Existing		NO	
PJM	OH	HANGING ROCK	1	242934	178.0	164	Natural Gas		Existing		NO	
PJM	OH	HANGING ROCK	6	242934	264.0	243	Natural Gas		Existing		NO	
PJM	OH	HANGING ROCK	4	242934	178.0	164	Natural Gas		Existing		NO	
PJM	OH	HANGING ROCK	5	242934	178.0	164	Natural Gas		Existing		NO	
PJM	OH	HANGING ROCK	2	242934	178.0	164	Natural Gas		Existing		NO	
PJM	OH	MUSKINGUM RIVER	5	242940	600.0	552	Coal		Existing		NO	
PJM	OH	MUSKINGUM RIVER	4	242940	205.0	189	Coal		Existing		NO	



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PJM	OH	MUSKINGUM RIVER	2	242940	190.0	175	Coal		Existing		NO
PJM	OH	WATERFORD	4	242947	370.0	340	Natural Gas		Existing		NO
PJM	OH	WATERFORD	3	242947	160.0	147	Natural Gas		Existing		NO
PJM	OH	WATERFORD	2	242947	160.0	147	Natural Gas		Existing		NO
PJM	OH	WATERFORD	1	242947	160.0	147	Natural Gas		Existing		NO
PJM	OH	MUSKINGUM RIVER	1	243045	190.0	175	Coal		Existing		NO
PJM	OH	MUSKINGUM RIVER	3	243045	205.0	189	Coal		Existing		NO
PJM	WV	BELLVILLE	1	243084	42.0	39	Water		Existing		NO
PJM	OH	CARDINAL	3	243185	630.0	580	Coal		Existing		NO
PJM	OH	GEN J M GAVIN	1	243186	667.0	614	Coal		Existing		NO
PJM	OH	GEN J M GAVIN	1	243186	653.0	601	Coal		Existing		NO
PJM	OH	GEN J M GAVIN	2	243187	667.0	614	Coal		Existing		NO
PJM	OH	GEN J M GAVIN	2	243187	653.0	601	Coal		Existing		NO
PJM	WV	MITCHELL	1	243188	770.4	709	Coal		Existing		NO
PJM	WV	MITCHELL	2	243189	791.9	729	Coal		Existing		NO
PJM	OH	CARDINAL	1	243190	585.0	538	Coal		Existing		NO
PJM	OH	CARDINAL	2	243191	585.0	538	Coal		Existing		NO
PJM	WV	KAMMER	1	243192	108.0	99	Coal		Existing		NO
PJM	WV	KAMMER	1	243193	92.0	85	Coal		Existing		NO
PJM	WV	KAMMER	2	243194	108.0	99	Coal		Existing		NO
PJM	WV	KAMMER	2	243195	92.0	85	Coal		Existing		NO
PJM	WV	KAMMER	3	243196	108.0	99	Coal		Existing		NO
PJM	WV	KAMMER	3	243197	92.0	85	Coal		Existing		NO
PJM	OH	MONTPELIER	2	243225	59.5	55	Diesel		Existing		NO
PJM	OH	MONTPELIER	1	243225	59.5	55	Diesel		Existing		NO
PJM	OH	MONTPELIER	3	243225	59.5	55	Diesel		Existing		NO
PJM	OH	MONTPELIER	4	243225	59.5	55	Diesel		Existing		NO
PJM	IN	LAWRENCEBURG	1	243226	159.0	146	Natural Gas		Existing		NO
PJM	IN	LAWRENCEBURG	2	243226	159.0	146	Natural Gas		Existing		NO



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PJM	IN	LAWRENCEBURG	3	243227	159.0	146	Natural Gas		Existing		NO	
PJM	IN	LAWRENCEBURG	4	243227	159.0	146	Natural Gas		Existing		NO	
PJM	IN	TANNERS CREEK	3	243233	200.0	184	Coal		Existing		NO	
PJM	IN	TANNERS CREEK	4	243233	500.0	460	Coal		Existing		NO	
PJM	IN	ANDERSON CT	3	243243	75.0	69	Natural Gas		Existing		NO	
PJM	IN	ANDERSON CT	1	243243	36.0	33	Natural Gas		Existing		NO	
PJM	IN	ANDERSON CT	2	243243	36.0	33	Natural Gas		Existing		NO	
PJM	IN	TANNERS CREEK	1	243382	145.0	133	Coal		Existing		NO	
PJM	IN	TANNERS CREEK	2	243382	145.0	133	Coal		Existing		NO	
PJM	IN	RICHMOND CT	2	243407	36.0	33	Natural Gas		Existing		NO	
PJM	IN	RICHMOND CT	1	243407	36.0	33	Natural Gas		Existing		NO	
PJM	MI	DONALD C COOK	1	243440	1022.0	940	Nuclear		Existing		NO	
PJM	MI	DONALD C COOK	2	243441	1062.0	977	Nuclear		Existing		NO	
PJM	IN	ROCKPORT	1A	243442	666.0	613	Coal		Existing		NO	
PJM	IN	ROCKPORT	1B	243442	654.0	602	Coal		Existing		NO	
PJM	IN	ROCKPORT	2A	243443	656.0	604	Coal		Existing		NO	
PJM	IN	ROCKPORT	2B	243443	644.0	592	Coal		Existing		NO	
PJM	OH	GORSUCH	1	243515	189.0	174	Coal		Existing		NO	
PJM	OH	CONESVILLE	4	243622	780.0	718	Coal		Existing		NO	
PJM	OH	CONESVILLE	5	243623	395.0	363	Coal		Existing		NO	
PJM	OH	CONESVILLE	6	243624	395.0	363	Coal		Existing		NO	
PJM	OH	CONESVILLE	3	243654	165.0	152	Coal		Existing		NO	
PJM	OH	PICWAY	5	243655	95.0	87	Coal		Existing		NO	
PJM	KY	BIG SANDY	2	243763	800.0	736	Coal		Existing		NO	
PJM	KY	BIG SANDY	1	243764	280.0	258	Coal		Existing		NO	
PJM	OH	GREENVILLE	3	253028	50.5	46	Natural Gas		Existing		NO	
PJM	OH	GREENVILLE	4	253028	50.5	46	Natural Gas		Existing		NO	
PJM	OH	GREENVILLE	1	253028	51.4	47	Natural Gas		Existing		NO	
PJM	OH	GREENVILLE	2	253028	50.5	46	Natural Gas		Existing		NO	



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PJM	OH	KILLEN STATIO	GT1	253038	18.0	17	Diesel		Existing		NO
PJM	OH	KILLEN STATIO	2	253038	600.0	552	Coal		Existing		NO
PJM	OH	MONUMENT DIESELS	1-5	253048	12.0	11	Diesel		Existing		NO
PJM	OH	O H HUTCHINGS	3	253058	58.0	53	Coal		Existing		NO
PJM	OH	O H HUTCHINGS	4	253058	58.0	53	Coal		Existing		NO
PJM	OH	O H HUTCHINGS	2	253059	50.0	46	Coal		Existing		NO
PJM	OH	O H HUTCHINGS	1	253059	53.0	49	Coal		Existing		NO
PJM	OH	O H HUTCHINGS	5	253060	58.0	53	Coal		Existing		NO
PJM	OH	O H HUTCHINGS	6	253060	58.0	53	Coal		Existing		NO
PJM	OH	O H HUTCHINGS	7	253060	23.0	21	Coal		Existing		NO
PJM	OH	SIDNEY DIESELS	1-5	253070	12.0	11	Diesel		Existing		NO
PJM	OH	J M STUART	2	253077	585.0	538	Coal		Existing		NO
PJM	OH	J M STUART	1	253077	585.0	538	Coal		Existing		NO
PJM	OH	J M STUART	3	253077	585.0	538	Coal		Existing		NO
PJM	OH	J M STUART	4	253077	585.0	538	Coal		Existing		NO
PJM	OH	J M STUART	5	253077	9.3	9	Diesel		Existing		NO
PJM	OH	YANKEE STREET	3	253097	17.0	16	Natural Gas		Existing		NO
PJM	OH	YANKEE STREET	1	253097	17.0	16	Natural Gas		Existing		NO
PJM	OH	YANKEE STREET	6	253097	14.0	13	Natural Gas		Existing		NO
PJM	OH	YANKEE STREET	4	253097	14.0	13	Natural Gas		Existing		NO
PJM	OH	YANKEE STREET	5	253097	14.0	13	Natural Gas		Existing		NO
PJM	OH	YANKEE STREET	7	253097	14.0	13	Natural Gas		Existing		NO
PJM	OH	YANKEE STREET	2	253097	17.0	16	Natural Gas		Existing		NO
PJM	OH	FRANK M TAIT	GT2	253105	89.0	82	Natural Gas		Existing		NO
PJM	OH	FRANK M TAIT	GT1	253105	87.0	80	Natural Gas		Existing		NO
PJM	OH	FRANK M TAIT	GT3	253105	80.0	74	Natural Gas		Existing		NO
PJM	OH	TAIT DIESELS	1-4	253105	10.0	9	Diesel		Existing		NO
PJM	OH	TAIT GT	7	253105	81.0	75	Natural Gas		Existing		NO
PJM	OH	TAIT GT	6	253105	80.0	74	Natural Gas		Existing		NO



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PJM	OH	TAIT GT	5	253105	80.0	74	Natural Gas		Existing		NO	
PJM	OH	TAIT GT	4	253105	79.0	73	Natural Gas		Existing		NO	
PJM	OH	DARBY	5	253110	77.0	71	Natural Gas		Existing		NO	
PJM	OH	DARBY	6	253110	75.0	69	Natural Gas		Existing		NO	
PJM	OH	DARBY	1	253110	77.0	71	Natural Gas		Existing		NO	
PJM	OH	DARBY	4	253110	75.0	69	Natural Gas		Existing		NO	
PJM	OH	DARBY	2	253110	76.0	70	Natural Gas		Existing		NO	
PJM	OH	DARBY	3	253110	76.0	70	Natural Gas		Existing		NO	
PJM	PA	BEAVER VALLEY	1	253900	892.0	821	Nuclear		Existing		NO	
PJM	PA	BEAVER VALLEY	2	253901	896.0	824	Nuclear		Existing		NO	
PJM	PA	AES BEAVER VALLEY	1	253925	100.0	92	Coal		Existing		NO	
PJM	PA	AES BEAVER VALLEY	1	253926	25.0	23	Coal		Existing		NO	
PJM	PA	BRUNOT ISL	1A	253969	47.1	43	Natural Gas		Existing		NO	
PJM	PA	ELRAMA	1	254007	95.0	87	Coal		Existing		NO	
PJM	PA	ELRAMA	2	254008	97.0	89	Coal		Existing		NO	
PJM	PA	ELRAMA	3	254009	108.0	99	Coal		Existing		NO	
PJM	PA	ELRAMA	4	254010	174.0	160	Coal		Existing		NO	
PJM	PA	CHESWICK	1	254063	580.0	534	Coal		Existing		NO	
PJM	KY	FOOTHILLS	4	270000	167.5	154	Natural Gas		Existing		NO	
PJM	KY	FOOTHILLS	5	270000	167.5	154	Natural Gas		Existing		NO	
PJM	KY	RIVERSIDE	2	270001	167.0	154	Natural Gas		Existing		NO	
PJM	KY	RIVERSIDE	1	270001	167.0	154	Natural Gas		Existing		NO	
PJM	KY	RIVERSIDE	3	270001	167.0	154	Natural Gas		Existing		NO	
PJM	IL	KINCAID	1	274650	579.0	533	Coal		Existing		NO	
PJM	IL	KINCAID	2	274651	579.0	533	Coal		Existing		NO	
PJM	IL	BRAIDWOOD	1	274654	1183.0	1088	Nuclear		Existing		NO	
PJM	IL	BRAIDWOOD	2	274655	1156.2	1064	Nuclear		Existing		NO	
PJM	IL	BYRON	1	274656	1173.0	1079	Nuclear		Existing		NO	
PJM	IL	BYRON	2	274657	1147.0	1055	Nuclear		Existing		NO	



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PJM	IL	DRESDEN	2	274658	937.0	862	Nuclear		Existing		NO	
PJM	IL	DRESDEN	3	274659	937.0	862	Nuclear		Existing		NO	
PJM	IL	LASALLE	1	274660	1123.6	1034	Nuclear		Existing		NO	
PJM	IL	LASALLE	2	274661	1125.5	1035	Nuclear		Existing		NO	
PJM	IL	QUAD CITIES	1	274662	964.0	887	Nuclear		Existing		NO	
PJM	IL	QUAD CITIES	2	274663	964.0	887	Nuclear		Existing		NO	
PJM	IL	CRAWFORD	7	274670	106.5	98	Coal		Existing		NO	
PJM	IL	CRAWFORD	7	274671	106.5	98	Coal		Existing		NO	
PJM	IL	CRAWFORD	8	274672	144.0	132	Coal		Existing		NO	
PJM	IL	CRAWFORD	8	274672	175.0	161	Coal		Existing		NO	
PJM	IL	FISK	19	274673	181.0	167	Kerosene		Existing		NO	
PJM	IL	FISK	19	274673	145.0	133	Kerosene		Existing		NO	
PJM	IL	JOLIET	6	274674	144.0	132	Coal		Existing		NO	
PJM	IL	JOLIET	6	274674	149.8	138	Coal		Existing		NO	
PJM	IL	JOLIET	7	274675	254.0	234	Coal		Existing		NO	
PJM	IL	JOLIET	7	274675	264.0	243	Coal		Existing		NO	
PJM	IL	JOLIET	8	274676	264.0	243	Coal		Existing		NO	
PJM	IL	JOLIET	8	274676	254.0	234	Coal		Existing		NO	
PJM	IL	POWERTON	5	274677	769.0	707	Coal		Existing		NO	
PJM	IL	POWERTON	6	274678	769.0	707	Coal		Existing		NO	
PJM	IN	STATE LINE	3	274679	76.0	70	Coal		Existing		NO	
PJM	IN	STATE LINE	3	274679	121.0	111	Coal		Existing		NO	
PJM	IN	STATE LINE	4	274680	140.0	129	Coal		Existing		NO	
PJM	IN	STATE LINE	4	274680	178.0	164	Coal		Existing		NO	
PJM	IL	WAUKEGAN	7H	274682	164.0	151	Coal		Existing		NO	
PJM	IL	WAUKEGAN	7L	274682	164.0	151	Coal		Existing		NO	
PJM	IL	WAUKEGAN	8H	274683	193.0	178	Coal		Existing		NO	
PJM	IL	WAUKEGAN	8L	274683	163.1	150	Coal		Existing		NO	
PJM	IL	WILL COUNTY	3	274686	130.0	120	Coal		Existing		NO	



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PJM	IL	WILL COUNTY	3	274686	121.0	111	Coal		Existing		NO	
PJM	IL	WILL COUNTY	4	274687	245.0	225	Coal		Existing		NO	
PJM	IL	WILL COUNTY	4	274687	265.0	244	Coal		Existing		NO	
PJM	IL	CORDOVA ENERGY	PT21	274699	160.0	147	Natural Gas		Existing		NO	
PJM	IL	CORDOVA ENERGY	PT31	274700	160.0	147	Natural Gas		Existing		NO	
PJM	IL	CORDOVA ENERGY	PTII	274701	180.0	166	Natural Gas		Existing		NO	
PJM	IL	KENDALL	1	274704	170.8	157	Natural Gas		Existing		NO	
PJM	IL	KENDALL	1	274705	113.9	105	Natural Gas		Existing		NO	
PJM	IL	KENDALL	2	274706	170.8	157	Natural Gas		Existing		NO	
PJM	IL	KENDALL	2	274707	113.9	105	Natural Gas		Existing		NO	
PJM	IL	KENDALL	3	274708	170.8	157	Natural Gas		Existing		NO	
PJM	IL	KENDALL	3	274709	113.9	105	Natural Gas		Existing		NO	
PJM	IL	KENDALL	4	274710	170.8	157	Natural Gas		Existing		NO	
PJM	IL	KENDALL	4	274711	113.9	105	Natural Gas		Existing		NO	
PJM	IL	AURORA	10	274747	45.0	41	Natural Gas		Existing		NO	
PJM	IL	AURORA	9	274747	45.0	41	Natural Gas		Existing		NO	
PJM	IL	AURORA	7	274747	45.0	41	Natural Gas		Existing		NO	
PJM	IL	AURORA	5	274747	45.0	41	Natural Gas		Existing		NO	
PJM	IL	AURORA	6	274747	45.0	41	Natural Gas		Existing		NO	
PJM	IL	AURORA	8	274747	45.0	41	Natural Gas		Existing		NO	
PJM	IL	AURORA	3	274748	152.0	140	Natural Gas		Existing		NO	
PJM	IL	AURORA	4	274748	152.0	140	Natural Gas		Existing		NO	
PJM	IL	AURORA	1	274749	152.0	140	Natural Gas		Existing		NO	
PJM	IL	AURORA	2	274749	152.0	140	Natural Gas		Existing		NO	
PJM	IL	CRETE	1	274751	75.2	69	Natural Gas		Existing		NO	
PJM	IL	CRETE	2	274752	75.2	69	Natural Gas		Existing		NO	
PJM	IL	CRETE	3	274753	75.2	69	Natural Gas		Existing		NO	
PJM	IL	CRETE	4	274754	75.2	69	Natural Gas		Existing		NO	
PJM	IL	ELGIN	1	274755	117.0	108	Natural Gas		Existing		NO	



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PJM	IL	ELGIN	2	274755	117.0	108	Natural Gas		Existing		NO	
PJM	IL	ELGIN	3	274756	117.0	108	Natural Gas		Existing		NO	
PJM	IL	ELGIN	4	274756	117.0	108	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	3	274757	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	2	274757	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	4	274757	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	1	274757	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	7	274758	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	6	274758	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	9	274758	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	5	274758	150.0	138	Natural Gas		Existing		NO	
PJM	IL	ELWOOD	8	274758	150.0	138	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	1	274760	79.8	73	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	2	274761	80.0	74	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	3	274762	79.0	73	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	4	274763	79.4	73	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	5	274764	79.1	73	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	6	274765	79.5	73	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	7	274766	77.9	72	Natural Gas		Existing		NO	
PJM	IL	LEE COUNTY	8	274767	78.1	72	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	1	274770	72.0	66	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	2	274771	72.0	66	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	3	274772	72.0	66	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	4	274773	72.0	66	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	5	274774	72.0	66	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	6	274775	72.0	66	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	7	274776	72.0	66	Natural Gas		Existing		NO	
PJM	IL	LINCOLN CENTER	8	274777	72.0	66	Natural Gas		Existing		NO	
PJM	IL	ROCKFORD I	1	274782	149.1	137	Natural Gas		Existing		NO	



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PJM	IL	ROCKFORD I	2	274782	147.8	136	Natural Gas		Existing		NO	
PJM	IL	ROCKFORD II	3	274783	147.0	135	Natural Gas		Existing		NO	
PJM	IL	ROCKY ROAD	4	274784	107.1	99	Natural Gas		Existing		NO	
PJM	IL	ROCKY ROAD	1	274785	106.9	98	Natural Gas		Existing		NO	
PJM	IL	ROCKY ROAD	3	274785	30.0	28	Natural Gas		Existing		NO	
PJM	IL	ROCKY ROAD	2	274785	109.7	101	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	5	274788	38.5	35	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	6	274789	38.5	35	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	7	274790	38.5	35	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	8	274791	38.5	35	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	9	274792	38.5	35	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	10	274793	38.5	35	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	11	274794	38.5	35	Natural Gas		Existing		NO	
PJM	IL	SOUTHEAST CHICAGO	12	274795	38.5	35	Natural Gas		Existing		NO	
PJM	IL	UNIVERSITY PARK	1	274798	50.0	46	Natural Gas		Existing		NO	
PJM	IL	UNIVERSITY PARK	2	274799	50.0	46	Natural Gas		Existing		NO	
PJM	IL	UNIVERSITY PARK	3	274800	53.0	49	Natural Gas		Existing		NO	
PJM	IL	UNIVERSITY PARK	4	274801	50.0	46	Natural Gas		Existing		NO	
PJM	IL	UNIVERSITY PARK	5	274802	50.0	46	Natural Gas		Existing		NO	
PJM	IL	UNIVERSITY PARK	6	274803	50.0	46	Natural Gas		Existing		NO	
PJM	IL	UPARK	1	274805	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	2	274806	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	3	274807	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	4	274808	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	5	274809	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	6	274810	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	7	274811	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	8	274812	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	9	274813	42.0	39	Natural Gas		Existing		NO	



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PJM	IL	UPARK	10	274814	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	11	274815	42.0	39	Natural Gas		Existing		NO	
PJM	IL	UPARK	12	274816	42.0	39	Natural Gas		Existing		NO	
PJM	IL	FISK	31-1	274826	99.9	92	Kerosene		Existing		NO	
PJM	IL	FISK	33-1	274827	73.2	67	Kerosene		Existing		NO	
PJM	IL	WAUKEGAN	31-1	274828	107.6	99	Natural Gas		Existing		NO	
PJM	IL	MORRIS POWER PLANT	STG1	274836	44.1	41	Natural Gas		Existing		NO	
PJM	IL	MORRIS POWER PLANT	UNT3	274836	21.1	19	Natural Gas		Existing		NO	
PJM	IL	MORRIS POWER PLANT	UNT2	274837	21.1	19	Natural Gas		Existing		NO	
PJM	IL	MORRIS POWER PLANT	UNT1	274837	21.1	19	Natural Gas		Existing		NO	
PJM	PA	CHAMBERSBURG	1-3	290890	29.6	27	Diesel		Existing		NO	
PJM	WV	BACKBONE	NEW	292310	8.4	8	Wind		Existing		NO	
PJM	PA	MILL RUN	NEW	292320	2.1	2	Wind		Existing		NO	
PJM	PA	SOMERSET	NEW	292340	1.8	2	Wind		Existing		NO	
PJM	PA	MeyersdaleN	1	292350	6.0	6	Wind		Existing		NO	
PJM	IL	RIVER	1	293968	150.0	138	Natural Gas		Existing		NO	
PJM	IL	RIVER	2	293969	150.0	138	Natural Gas		Existing		NO	
PJM	VA	CUSHAW	A	314836	2.0	2	Water		Existing		NO	
PJM	VA	OGDEN-MARTIN FAIRFAX	1	315001	49.0	45	Municipal Solid Waste		Existing		NO	
PJM	VA	OGDEN-MARTIN FAIRFAX	2	315002	49.0	45	Municipal Solid Waste		Existing		NO	
PJM	VA	POSSUM POINT	3	315005	97.8	90	Natural Gas		Existing		NO	
PJM	VA	POSSUM POINT	4	315006	221.0	203	Natural Gas		Existing		NO	
PJM	VA	POSSUM POINT	5	315007	786.0	723	Natural Gas		Existing		NO	
PJM	VA	POSSUM POINT	6	315008	178.0	164	Natural Gas		Existing		NO	
PJM	VA	POSSUM POINT	6	315009	178.0	164	Natural Gas		Existing		NO	
PJM	VA	POSSUM POINT	6	315010	277.0	255	Natural Gas		Existing		NO	
PJM	VA	POSSUM POINT	GT1	315015	11.9	11	Diesel		Existing		NO	
PJM	VA	POSSUM POINT	GT3	315015	11.9	11	Diesel		Existing		NO	
PJM	VA	POSSUM POINT	GT2	315015	11.9	11	Diesel		Existing		NO	



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PJM	VA	POSSUM POINT	GT6	315018	12.1	11	Diesel		Existing		NO	
PJM	VA	POSSUM POINT	GT5	315018	11.9	11	Diesel		Existing		NO	
PJM	VA	POSSUM POINT	GT4	315018	11.9	11	Diesel		Existing		NO	
PJM	VA	REMINGTON	1	315021	160.0	147	Natural Gas		Existing		NO	
PJM	VA	REMINGTON	2	315022	160.0	147	Natural Gas		Existing		NO	
PJM	VA	REMINGTON	3	315023	160.0	147	Natural Gas		Existing		NO	
PJM	VA	REMINGTON	4	315024	160.0	147	Natural Gas		Existing		NO	
PJM	VA	MARSH RUN	CT1	315028	164.5	151	Natural Gas		Existing		NO	
PJM	VA	MARSH RUN	CT2	315029	163.7	151	Natural Gas		Existing		NO	
PJM	VA	MARSH RUN	CT3	315030	161.8	149	Natural Gas		Existing		NO	
PJM	VA	SEI - BIRCHWOOD	1	315033	238.0	219	Coal		Existing		NO	
PJM	VA	NORTHERN NECK	GT1	315034	12.4	11	Diesel		Existing		NO	
PJM	VA	NORTHERN NECK	GT2	315034	12.5	12	Diesel		Existing		NO	
PJM	VA	NORTHERN NECK	GT3	315035	12.1	11	Diesel		Existing		NO	
PJM	VA	NORTHERN NECK	GT4	315035	12.0	11	Diesel		Existing		NO	
PJM	VA	LADYSMITH	GT1	315037	151.1	139	Natural Gas		Existing		NO	
PJM	VA	LADYSMITH	GT2	315038	155.0	143	Natural Gas		Existing		NO	
PJM	VA	LADYSMITH	GT3	315039	170.0	156	Natural Gas		Existing		NO	
PJM	VA	LADYSMITH	GT4	315040	170.0	156	Natural Gas		Existing		NO	
PJM	VA	LADYSMITH	GT5	315041	170.0	156	Natural Gas		Existing		NO	
PJM	VA	DOSWELL COMPLEX	5	315043	92.0	85	Natural Gas		Existing		NO	
PJM	VA	DOSWELL COMPLEX	5	315044	92.0	85	Natural Gas		Existing		NO	
PJM	VA	DOSWELL COMPLEX	5	315045	119.0	109	Natural Gas		Existing		NO	
PJM	VA	DOSWELL COMPLEX	6	315046	92.0	85	Natural Gas		Existing		NO	
PJM	VA	DOSWELL COMPLEX	6	315047	92.0	85	Natural Gas		Existing		NO	
PJM	VA	DOSWELL COMPLEX	6	315048	119.0	109	Natural Gas		Existing		NO	
PJM	VA	FOUR RIVERS ONE	1	315050	167.3	154	Natural Gas		Existing		NO	
PJM	VA	BELLMEADE	1	315053	86.5	80	Natural Gas		Existing		NO	
PJM	VA	BELLMEADE	1	315054	86.5	80	Natural Gas		Existing		NO	



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PJM	VA	BELLMEADE	1	315055	72.0	66	Natural Gas		Existing		NO	
PJM	VA	CHESTERFIELD	3	315058	100.0	92	Coal		Existing		NO	
PJM	VA	CHESTERFIELD	4	315059	163.0	150	Coal		Existing		NO	
PJM	VA	CHESTERFIELD	5	315060	349.0	321	Coal		Existing		NO	
PJM	VA	CHESTERFIELD	7	315061	135.0	124	Natural Gas		Existing		NO	
PJM	VA	CHESTERFIELD	7	315062	62.0	57	Natural Gas		Existing		NO	
PJM	VA	CHESTERFIELD	8	315063	130.9	120	Natural Gas		Existing		NO	
PJM	VA	CHESTERFIELD	8	315064	67.0	62	Natural Gas		Existing		NO	
PJM	VA	CHESTERFIELD	6	315065	685.0	630	Coal		Existing		NO	
PJM	VA	DARBYTOWN	1	315067	92.0	85	Natural Gas		Existing		NO	
PJM	VA	DARBYTOWN	2	315068	92.0	85	Natural Gas		Existing		NO	
PJM	VA	DARBYTOWN	3	315069	92.0	85	Natural Gas		Existing		NO	
PJM	VA	DARBYTOWN	4	315070	92.0	85	Natural Gas		Existing		NO	
PJM	VA	COGENTRIX-HOPEWELL	1	315074	46.5	43	Coal		Existing		NO	
PJM	VA	COGENTRIX-HOPEWELL	2	315075	46.5	43	Coal		Existing		NO	
PJM	VA	HOPEWELL COGEN	1	315077	74.0	68	Natural Gas		Existing		NO	
PJM	VA	HOPEWELL COGEN	1	315078	74.0	68	Natural Gas		Existing		NO	
PJM	VA	HOPEWELL COGEN	1	315079	74.0	68	Natural Gas		Existing		NO	
PJM	VA	HOPEWELL COGEN	1	315080	115.0	106	Natural Gas		Existing		NO	
PJM	VA	COGENTRIX-RICH.	1	315083	58.0	53	Coal		Existing		NO	
PJM	VA	COGENTRIX-RICH.	2	315084	58.0	53	Coal		Existing		NO	
PJM	VA	COGENTRIX-RICH.	3	315085	47.0	43	Coal		Existing		NO	
PJM	VA	COGENTRIX-RICH.	4	315086	47.0	43	Coal		Existing		NO	
PJM	VA	YORKTOWN	1	315090	159.0	146	Coal		Existing		NO	
PJM	VA	YORKTOWN	2	315091	165.0	152	Coal		Existing		NO	
PJM	VA	YORKTOWN	3	315092	838.0	771	Oil		Existing		NO	
PJM	VA	CHESAPEAKE	1	315094	111.0	102	Coal		Existing		NO	
PJM	VA	CHESAPEAKE	2	315095	111.0	102	Coal		Existing		NO	
PJM	VA	CHESAPEAKE	3	315096	151.0	139	Coal		Existing		NO	



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PJM	VA	CHESAPEAKE	4	315097	216.0	199	Coal	Existing	NO
PJM	VA	CHESAPEAKE	GT1	315098	14.9	14	Natural Gas	Existing	NO
PJM	VA	CHESAPEAKE	GT4	315099	12.8	12	Natural Gas	Existing	NO
PJM	VA	CHESAPEAKE	GT6	315099	12.7	12	Natural Gas	Existing	NO
PJM	VA	CHESAPEAKE	GT2	315099	12.4	11	Natural Gas	Existing	NO
PJM	VA	CHESAPEAKE	GT7	315100	18.0	17	Natural Gas	Existing	NO
PJM	VA	CHESAPEAKE	GT8	315100	17.5	16	Natural Gas	Existing	NO
PJM	VA	CHESAPEAKE	GT10	315101	16.9	16	Natural Gas	Existing	NO
PJM	VA	CHESAPEAKE	GT9	315101	16.9	16	Natural Gas	Existing	NO
PJM	VA	COMMONWEALTH ATLANT	1	315108	124.0	114	Natural Gas	Existing	NO
PJM	VA	COMMONWEALTH ATLANT	2	315109	124.0	114	Natural Gas	Existing	NO
PJM	VA	COMMONWEALTH ATLANT	3	315110	124.0	114	Natural Gas	Existing	NO
PJM	VA	COGENTRIX-PORTSMOUTH	1	315111	57.5	53	Coal	Existing	NO
PJM	VA	COGENTRIX-PORTSMOUTH	2	315112	57.5	53	Coal	Existing	NO
PJM	VA	SOUTHAMPTON	1	315115	63.2	58	Coal	Existing	NO
PJM	VA	SURRY	1	315116	932.0	857	Nuclear	Existing	NO
PJM	VA	GRAVEL NECK	2	315117	19.2	18	Diesel	Existing	NO
PJM	VA	GRAVEL NECK	1	315117	10.4	10	Diesel	Existing	NO
PJM	VA	GRAVEL NECK	3	315119	93.0	86	Natural Gas	Existing	NO
PJM	VA	GRAVEL NECK	4	315120	93.0	86	Natural Gas	Existing	NO
PJM	VA	GRAVEL NECK	5	315121	93.0	86	Natural Gas	Existing	NO
PJM	VA	GRAVEL NECK	6	315122	93.0	86	Natural Gas	Existing	NO
PJM	VA	ROANOKE RAPIDS	1	315126	25.9	24	Water	Existing	NO
PJM	VA	ROANOKE RAPIDS	2	315126	24.8	23	Water	Existing	NO
PJM	VA	ROANOKE RAPIDS	3	315128	24.8	23	Water	Existing	NO
PJM	VA	ROANOKE RAPIDS	4	315128	23.1	21	Water	Existing	NO
PJM	VA	COGENTRIX-ROCKY MT	1	315131	58.0	53	Coal	Existing	NO
PJM	VA	COGENTRIX-ROCKY MT	2	315132	58.0	53	Coal	Existing	NO



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PJM	NC	ROANOKE VALLEY	1	315134	165.0	152	Coal		Existing		NO
PJM	NC	ROANOKE VALLEY	2	315135	44.0	40	Coal		Existing		NO
PJM	NC	PANDA-ROSEMARY	1	315136	79.0	73	Natural Gas		Existing		NO
PJM	NC	PANDA-ROSEMARY	1	315137	49.0	45	Natural Gas		Existing		NO
PJM	NC	PANDA-ROSEMARY	1	315138	37.0	34	Natural Gas		Existing		NO
PJM	NC	GASTON	2	315139	55.2	51	Water		Existing		NO
PJM	NC	GASTON	1	315139	55.5	51	Water		Existing		NO
PJM	NC	GASTON	3	315141	54.7	50	Water		Existing		NO
PJM	NC	GASTON	4	315141	55.0	51	Water		Existing		NO
PJM	NC	KITTY HAWK	GT1	315146	17.4	16	Diesel		Existing		NO
PJM	NC	KITTY HAWK	GT2	315147	15.5	14	Diesel		Existing		NO
PJM	VA	MECKLENBURG	1	315150	69.0	63	Coal		Existing		NO
PJM	VA	MECKLENBURG	2	315151	69.0	63	Coal		Existing		NO
PJM	VA	CLOVER	1	315153	434.2	399	Coal		Existing		NO
PJM	VA	CLOVER	2	315154	437.1	402	Coal		Existing		NO
PJM	VA	ALTAVISTA	1	315156	63.7	59	Coal		Existing		NO
PJM	VA	KERR DAM	1	315158	13.0	12	Water		Existing		NO
PJM	VA	KERR DAM	2	315159	53.0	49	Water		Existing		NO
PJM	VA	KERR DAM	3	315160	52.2	48	Water		Existing		NO
PJM	VA	KERR DAM	4	315161	52.2	48	Water		Existing		NO
PJM	VA	KERR DAM	5	315162	52.2	48	Water		Existing		NO
PJM	VA	KERR DAM	6	315163	52.2	48	Water		Existing		NO
PJM	VA	KERR DAM	7	315164	52.2	48	Water		Existing		NO
PJM	VA	MULTITRADE OF PITTS	1	315165	40.0	37	Wood		Existing		NO
PJM	VA	MULTITRADE OF PITTS	2	315166	40.0	37	Wood		Existing		NO
PJM	VA	BREMO	3	315170	71.0	65	Coal		Existing		NO
PJM	VA	BREMO	4	315171	156.0	144	Coal		Existing		NO
PJM	VA	LOUISA	A	315172	77.5	71	Natural Gas		Existing		NO
PJM	VA	LOUISA	B	315173	77.5	71	Natural Gas		Existing		NO



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PJM	VA	LOUISA	C	315174	77.5	71	Natural Gas		Existing		NO	
PJM	VA	LOUISA	D	315175	77.5	71	Natural Gas		Existing		NO	
PJM	VA	LOUISA	E	315176	158.0	145	Natural Gas		Existing		NO	
PJM	VA	GORDONSVILLE	1	315177	72.0	66	Natural Gas		Existing		NO	
PJM	VA	GORDONSVILLE	1	315178	37.0	34	Natural Gas		Existing		NO	
PJM	VA	GORDONSVILLE	2	315179	72.0	66	Natural Gas		Existing		NO	
PJM	VA	GORDONSVILLE	2	315180	37.0	34	Natural Gas		Existing		NO	
PJM	VA	LOW MOOR	GT2	315186	12.4	11	Diesel		Existing		NO	
PJM	VA	LOW MOOR	GT1	315186	13.0	12	Diesel		Existing		NO	
PJM	VA	LOW MOOR	GT4	315188	13.2	12	Diesel		Existing		NO	
PJM	VA	LOW MOOR	GT3	315188	12.5	12	Diesel		Existing		NO	
PJM	VA	BATH COUNTY	1	315201	504.0	464	Water		Existing		NO	
PJM	VA	BATH COUNTY	2	315202	504.0	464	Water		Existing		NO	
PJM	VA	BATH COUNTY	3	315203	504.0	464	Water		Existing		NO	
PJM	VA	BATH COUNTY	4	315204	504.0	464	Water		Existing		NO	
PJM	VA	BATH COUNTY	5	315205	504.0	464	Water		Existing		NO	
PJM	VA	BATH COUNTY	6	315206	505.0	465	Water		Existing		NO	
PJM	VA	FLUVANNA GT	12	315216	174.0	160	Natural Gas		Existing		NO	
PJM	VA	FLUVANNA GT	22	315217	174.0	160	Natural Gas		Existing		NO	
PJM	VA	FLUVANNA GT	32	315218	174.0	160	Natural Gas		Existing		NO	
PJM	VA	FLUVANNA GS	12	315219	390.0	359	Natural Gas		Existing		NO	
PJM	VA	NORTH ANNA	1	315225	1030.0	948	Nuclear		Existing		NO	
PJM	VA	NORTH ANNA	2	315226	1023.0	941	Nuclear		Existing		NO	
PJM	VA	NORTH BRANCH	1	315229	74.0	68	Coal		Existing		NO	
PJM	VA	SURRY	2	315233	932.0	857	Nuclear		Existing		NO	
PJM	WV	MT STORM	1	315251	280.5	258	Coal		Existing		NO	
PJM	WV	MT STORM	1	315251	279.5	257	Coal		Existing		NO	
PJM	WV	MT STORM	2	315252	280.5	258	Coal		Existing		NO	
PJM	WV	MT STORM	2	315252	279.5	257	Coal		Existing		NO	



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PJM	WV	MT STORM	3	315253	550.0	506	Coal		Existing		NO	
PJM	WV	MT STORM	JF1	315254	12.0	11	Jet Fuel		Existing		NO	
PJM	DC	D09	1	298516	10.0	8.9	Natural Gas		Existing	-	No	
PJM	IL	FREET_G	1	990800, 990700	80.0	14.3	Wind		Under Construction	10/15/ 2011	Yes	K04_CE19
PJM	PA	G51_W63	1	220900	13.9	12.4	Methane		Existing	-	No	
PJM	MD	I10	1	290870	2.0	0.0	Natural Gas		Existing	-	No	
PJM	PA	I12	1	290890	29.6	26.4	Diesel		Existing	-	No	
PJM	WV	J07	1	292090	124	117.4	Wind		Planned	11/30/ 2011	Yes	
PJM	PA	K02	1	200857	70	-	Wind		Planned	11/1/2 010	Yes	
PJM	IL	K02_CE18	1	299902, 299901	80	-	Wind		Planned	12/31/ 2011	Yes	
PJM	MD	K06	1	292180	5.0	4.5	Natural Gas		Existing	-	No	
PJM	MD	K07	1	292190	5.0	4.5	Natural Gas		Existing	-	No	
PJM	WV	K19	1	292310, 235625	90.0	7.5	Wind		Existing	-	Yes	
PJM	PA	K20	1	292320	2.1	1.9	Wind		Existing	-	Yes	
PJM	PA	K21	1	211940, 292330	70.0	7.9	Wind		Existing	-	Yes	
PJM	PA	K22	1	292340, 200834	9.0	1.6	Wind		Existing	-	Yes	
PJM	PA	K23	1	292350, 200854	30.0	5.3	Wind		Existing	-	Yes	
PJM	WV	K26	1	292380	31	29.4	Wind		Planned	11/30/ 2011	Yes	
PJM	MD	K28	1	292400, 292401	100.0	17.6	Wind		Under Construction	12/31/ 2010	Yes	
PJM	OH	L01_AEP137	1	246759	165	-	Biomass		Planned	12/31/ 2009	Yes	Suspended Project
PJM	IL	L05_CE22	1	274848	30.0	26.7	Wind		Existing	-	Yes	
PJM	IL	L12_CE23	1	292535, 292536	4	3.6	Wind		Planned	4/15/2 007	Yes	
PJM	IL	L13_CE25	1	292543	28.0	24.9	Natural Gas		Existing	-	No	
PJM	PA	L18	1	208972, 292590	25.6	4.3	Wind		Existing	-	Yes	
PJM	IL	LEEDK;1U	1	274872, 290108	240.0	44.6	Wind		Under Construction	6/1/20 10	Yes	Q57



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PJM	MD	M19	1	290200	4.5	0.0	Methane	Existing	-	No
PJM	IL	M21	1	292830	22.0	19.6	Diesel	Existing	-	No
PJM	WV	M23	1	292850, 292851	150	0	Wind	Planned	11/30/ 2011	Yes
PJM	WV	M24	1	292860	186.0	33.1	Wind	Existing	-	Yes
PJM	PA	M26	1	292880	272	0	Coal	Planned	11/30/ 2013	No
PJM	DE	N03	1	293654, 293655	300	53.3	Natural Gas	Planned	8/9/20 04	No
PJM	VA	N07	1	292860, 292861	38	173.3	Wind	Planned	9/14/2 009	Yes
PJM	WV	N10	1	293010	6.0	5.3	Natural Gas	Existing	-	No
PJM	OH	N12	1	293030	75.0	66.8	Coal	Existing	-	No
PJM	IL	N21	1	293120, 293121	6	1	Wind	Planned	4/15/2 007	Yes
PJM	IL	N22	1	293130, 293131	11	2	Wind	Planned	4/15/2 007	Yes
PJM	IL	N23	1	293140, 293141	11	2	Wind	Planned	4/15/2 007	Yes
PJM	IL	N24	1	293150, 293151	11	2	Wind	Planned	4/15/2 007	Yes
PJM	IL	N25	1	293160, 293161	11	2	Wind	Planned	4/15/2 007	Yes
PJM	NJ	N27	1	293180	4.0	3.6	Methane	Existing	-	No
PJM	PA	N32	1	293230, 293231	10.1	9.0	Wind	Under Construction	1/31/2 011	Yes
PJM	DE	N34	1	293251	30.0	0.0	Oil	Existing	-	No
PJM	PA	N36	1	293270, 293271	50.0	8.9	Wind	Suspended	4/1/20 11	Yes
PJM	PA	N39	1	293300, 293301	80.0	14.3	Wind	Existing	-	Yes
PJM	OH	N42	1	293330	600	2	Coal	Planned	5/1/20 10	No
PJM	WV	N47	1	293380, 293381	85	15.1	Wind	Planned	12/31/ 2011	Yes
PJM	PA	O01	1	209030	3.2	2.8	Methane	Existing	-	No
PJM	IL	O09	1	293513, 293514, 293515, 293516, 293517, 293518	212	18.3, 10.2, 9.3	Wind	Planned	1/1/20 09	Yes



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PJM	NJ	O11	1	293530	7.1	6.3	Methane		Existing	-	No
PJM	IL	O12	1	293540	20.0	17.8	Other		Existing	-	No
PJM	PA	O18	1	293602, 293603	65.0	11.6	Wind		Existing	-	Yes
PJM	PA	O19	1	293611, 293612	33.0	5.9	Wind		Under Construction	5/31/2012	Yes
PJM	NJ	O20	1	206280	9.1	8.1	Methane		Planned	6/1/2007	No
PJM	IL	O22	1	293644, 293645	300.0	53.5	Wind		Existing	-	Yes
PJM	IL	O24	1	293664, 293665	100.8	18	Wind		Planned	12/1/2008	Yes
PJM	MD	O25	1	293670	6.0	5.3	Methane		Existing	-	No
PJM	IL	O27	1	290002, 290003, 290004, 290005	300	26.7, 26.7	Wind		Planned	12/1/2009	Yes
PJM	IL	O29	1	293712, 293713, 293714, 293715, 293716, 293714	225	19.7, 10.5, 9.8	Wind		Planned	1/1/2009	Yes
PJM	VA	O31	1	293730	5.2	4.6	Hydro		Existing	-	Yes
PJM	WV	O32	1	293740	20.0	17.8	Coal		Under Construction	6/30/2007	No
PJM	WV	O32	1	293740	20	17.8	Coal		Planned	6/30/2007	No
PJM	IL	O33	1	290008, 290007	20	3.6	Wind		Planned	12/30/2007	Yes
PJM	IL	O35	1	274851, 293771	75.0	13.4	Wind		Existing	-	Yes
PJM	PA	O38	1	293801, 293802	50.0	8.9	Wind		Existing	-	Yes
PJM	MI	O42	1	293840	84.0	74.8	Nuclear		Under Construction	1/19/2007	No
PJM	IL	O43	1	274805	42	37.4	Natural Gas		Planned	6/1/2007	No
PJM	PA	O48, R40	1	293431, 293432, 293901, 293902	37.8	0.4, 7.2	Wind		Under Construction	6/30/2008	Yes
PJM	IL	O49	1	293911, 293912	200	35.6	Wind		Planned	9/30/2011	Yes



PJM	PA	O52	1	293942, 293943	50.0	8.9	Wind		Suspended	6/1/20 11	Yes	
PJM	PA	O54	1	253901	77	-	Nuclear		Planned	7/1/20 08	No	Uprate to Beaver Valley Unit 2
PJM	IL	O68	1	294175, 294127	100	17.8	Wind		Planned	12/31/ 2011	Yes	
PJM	IL	O73	1	290046, 290047	100	17.8	Wind		Planned	12/31/ 2010	Yes	
PJM	PA	P01	1	294271, 294272	65.0	11.6	Wind		Suspended	12/31/ 2011	Yes	
PJM	PA	P04	1	200192- 200195	555.0	108.7, 108.7, 108.7, 168.3	Natural Gas		Under Construction	7/1/20 11	No	
PJM	NJ	P06	1	228203	225.0	200.5	Natural Gas		Existing	-	No	
PJM	VA	P09	1	315158- 315164	91.0	-	Hydro		Under Construction	9/30/2 008	Yes	Uprate to Kerr Dam Units
PJM	IL	P10	1	294391, 294392	340.5	35.6	Wind		Under Construction	12/1/2 009	Yes	
PJM	IL	P11	1	294400, 294401	100	17.8	Wind		Planned	6/1/20 09	Yes	
PJM	IL	P14	1	290050, 290051	80	14.3	Wind		Planned	6/1/20 09	Yes	
PJM	IL	P20	1	294500, 294502	210	37.4	Wind		Planned	3/1/20 09	Yes	
PJM	PA	P22	1	294512, 294515	20.0	3.6	Wind		Existing	-	Yes	
PJM	IL	P24	1	295103, 295104	20	3.6	Wind		Planned	12/1/2 008	Yes	
PJM	IL	P25	1	295106, 295107	20	3.6	Wind		Planned	12/1/2 008	Yes	
PJM	IL	P26	1	290052, 290053	20	3.6	Wind		Planned	12/1/2 008	Yes	
PJM	VA	P27	1	315412	13.0	11.6	Methane		Existing	-	No	
PJM	PA	P28	1	294572, 294573	150.0	26.7	Wind		Suspended	6/15/2 012	Yes	
PJM	OH	P30	1	246759	20	-	Biomass		Planned	12/31/ 2009	Yes	Suspended Project; Uprate to L01_AEP137
PJM	MD	P32	1	223967	19.5	0.0	Natural Gas		Existing	-	No	
PJM	PA	P34	1	294155	7	6.2	Biomass		Planned	3/17/2 009	Yes	
PJM	IL	P36	1	274857, 274858	240.0	42.8	Wind		Under Construction	6/30/2 010	Yes	
PJM	IL	P37	1	294670,	212	37.8	Wind		Planned	3/1/20	Yes	



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				294671						09		
PJM	VA	P38	1	315414-315416	625.0	137.2, 137.2, 282.5	Natural Gas		Under Construction	4/1/2011	No	
PJM	IL	P39	1	290055, 290056	60	10.7	Wind		Planned	12/1/2008	Yes	
PJM	IL	P40	1	294700, 294701	20	3.6	Wind		Planned	11/12/2010	Yes	
PJM	TN	P42	1	294720	50.0	44.6	Biomass		Existing	-	Yes	
PJM	NC	P43	1	315417	63	56.1	Wood		Planned	10/1/2010	No	
PJM	OH	P44	1	294740	7.0	6.2	Diesel		Existing	-	No	
PJM	IL	P46	1	294762	100.0	17.8	Wind		Existing	-	Yes	
PJM	WV	P52	1	290065, 290066	80	14.3	Wind		Planned	12/31/2012	Yes	
PJM	WV	P59	1	290073, 290074	125.0	22.3	Wind		Under Construction	7/30/2011	Yes	
PJM	PA	P60	1	294902, 294903	52.5	9.4	Wind		Existing	-	Yes	
PJM	IN	Q01	1	294944, 294946, 294945, 294947	500.0	44.6, 44.6	Wind		Existing	-	Yes	
PJM	IN	Q03	1	294962, 294963	250.0	44.6	Wind		Under Construction	7/1/2012	Yes	
PJM	NJ	Q11	1	295016	100	89.1	Natural Gas		Planned	12/1/2011	No	
PJM	PA	Q20	1	295125, 295130, 295133	140.0	60.6, 60.6, 1.8, 1.8	Hydro		Under Construction	7/1/2013	Yes	
PJM	PA	Q25	1	295191, 295196	80	14.3	Wind		Planned	3/1/2013	Yes	
PJM	PA	Q34	1	290081, 290082	100.0	17.8	Wind		Under Construction	4/1/2011	Yes	
PJM	PA	Q36	1	290085, 290086	50.0	10.7	Wind		Under Construction	3/8/2011	Yes	
PJM	IL	Q39	1	290089, 290090	147	26.2	Wind		Planned	3/1/2009	Yes	
PJM	NJ	Q41	1	290092	30	-	Biomass		Planned	12/31/2013	Yes	
PJM	VA	Q43	1	290094	534.0	475.8	Coal		Under Construction	3/1/2012	No	
PJM	VA	Q43	1	290094	534	475.8	Coal		Planned	3/1/2012	No	



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PJM	PA	Q44	1	290201	0.3	0.3	Natural Gas	Existing	-	No	
PJM	PA	Q46	1	295247	10	8.9	Coal	Planned	3/1/2009	No	
PJM	PA	Q47	1	200034, 200035	140.0	-	Nuclear	Under Construction	4/1/2013	No	Uprate to Peachbottom Units 2,3
PJM	IL	Q49	1	274658	70.0	-	Nuclear	Under Construction	1/31/2012	No	Uprate to Dresden Unit 2
PJM	IL	Q50	1	274659	70.0	-	Nuclear	Under Construction	1/31/2012	No	Uprate to Dresden Unit 3
PJM	IL	Q51	1	274662, 274663	140.0	-	Nuclear	Under Construction	10/31/2010	No	Uprate to Quad City Units
PJM	PA	Q53	1	200882, 200883	38.0	8.9	Wind	Under Construction	12/31/2010	Yes	
PJM	WV	Q55	1	290103, 290104	100	17.8	Wind	Planned	12/31/2009	Yes	
PJM	PA	Q59	1	204679	6.4	5.7	Biomass	Existing	-	Yes	
PJM	PA	Q63	1	290113	16	14.3	Hydro	Planned	3/31/2008	Yes	
PJM	VA	Q69	1	315418	12.0	10.7	Methane	Existing	-	No	
PJM	VA	Q70	1	315419	12.0	10.7	Methane	Existing	-	No	
PJM	PA	Q73	1	295671, 295672	19.0	2.7	Biomass	Existing	-	Yes	
PJM	WV	Q79	1	295731	100.0	89.1	Coal	Under Construction	3/12/2011	No	
PJM	NJ	Q90	1	295841	650	579.2	Natural Gas	Planned	6/1/2012	No	
PJM	PA	R02	1	295870	1600	1425.6	Nuclear	Planned	12/31/2018	No	
PJM	IN	R03	1	295880, 295881	130	23.2	Wind	Planned	12/31/2008	Yes	
PJM	NJ	R11	1	295952	440	-	Natural Gas	Planned	6/1/2013	No	
PJM	MD	R17	1	292425	275	245	Natural Gas	Planned	6/1/2013	No	
PJM	IL	R18	1	290266	6.4	-	Methane	Planned	1/3/2008	No	
PJM	VA	R31	1	315420, 315421	18	7.1	Natural Gas	Planned	10/1/2010	No	
PJM	PA	R32	1	296322, 296332	75	13.4	Wind	Planned	12/1/2009	Yes	
PJM	IL	R35	1	274839	50.0	44.6	Biomass	Under Construction	9/30/2011	Yes	
PJM	DE	R36	1	296355, 296356	450.0	80.2	Wind	Under Construction	6/1/2015	Yes	



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PJM	PA	R43	1	212386	20.0	3.6	Wind		Under Construction	6/1/2012	Yes	
PJM	OH	R48	1	296145, 296146	48.3	8.6	Wind		Under Construction	8/1/2013	Yes	
PJM	OH	R49	1	296456, 296457	150	-	Wind		Planned	10/31/2011	Yes	
PJM	OH	R52	1	296454, 296455, 296479, 296480	200	17.8, 17.8	Wind		Planned	10/1/2008	Yes	
PJM	OH	R52a	1	290286, 290287	100	17.8	Wind		Planned	10/1/2008	Yes	
PJM	PA	R57	1	296509	9.0	8.0	Biomass		Existing	-	Yes	
PJM	IN	R60	1	296546, 296547, 296883, 296884, 296891, 296892	350	20.7, 20.7, 21.0	Wind		Planned	12/31/2011	Yes	
PJM	VA	R63	1	315450	19.0	16.9	Coal		Under Construction	6/1/2011	No	
PJM	NJ	R66	1	296592	20.0	17.8	Natural Gas		Existing	-	No	
PJM	WV	R76	1	296610	100	89.1	Hydro		Planned	10/1/2010	Yes	
PJM	VA	R80	1	315008-315010	60.0	-	Natural Gas		Under Construction	6/1/2013	No	Uprate to Possum Point Units
PJM	IN	R97	1	243442	20.0	-	Coal		Planned	6/27/2008	No	Uprate to Rockport Units
PJM	MD	S01	1	290202	1.0	0.0	Methane		Existing	-	No	
PJM	MD	S02	1	290204	4.0	3.6	Methane		Existing	-	No	
PJM	IN	S06	1	243879, 290213	200.0	35.6	Wind		Existing	-	Yes	05MLCS-1'
PJM	VA	S100	1	291005	80	71.3	Coal		Planned	3/1/2012	No	
PJM	OH	S101	1	292083-292085	580.0	155.0, 155.0, 206.7	Natural Gas		Under Construction	7/1/2014	No	
PJM	PA	S103	1	291011	57	50.8	Natural Gas		Planned	5/31/2011	No	
PJM	NJ	S107	1	291017, 291018, 291019	580	142.6, 142.6, 231.7	Natural Gas		Planned	6/1/2011	No	
PJM	VA	S111	1	315233	15.0	-	Nuclear		Under Construction	12/13/2010	No	Uprate to Surry Unit 2



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PJM	VA	S112	1	315225	65.0	-	Nuclear		Under Construction	4/15/2012	No	Uprate to North Anna Unit 1
PJM	VA	S113	1	315116	15.0	-	Nuclear		Under Construction	11/13/2010	No	Uprate to Surry Unit 1
PJM	VA	S114	1	315116	75.0	-	Nuclear		Under Construction	11/13/2010	No	Uprate to Surry Unit 1
PJM	VA	S115	1	315233	75.0	-	Nuclear		Under Construction	5/4/2011	No	Uprate to Surry Unit 2
PJM	NJ	S121	1	291065	63.0	56.1	Natural Gas		Under Construction	6/1/2012	No	
PJM	MD	S14	1	290228, 290229	70	12.5	Wind		Planned	12/1/2009	Yes	
PJM	MD	S17	1	290893	112.5	100.2	Natural Gas		Planned	12/31/2010	No	
PJM	IL	S27	1	290261, 274853	198.0	35.3	Wind		Existing	-	Yes	
PJM	IL	S28	1	290265, 274854	198.0	35.3	Wind		Existing	-	Yes	
PJM	PA	S29B	1	291409	5.7	5.1	Methane		Under Construction	3/31/2011	No	
PJM	PA	S29B	1	291409	5.7	5.1	Methane		Planned	3/31/2011	No	
PJM	OH	S35	1	242931	20.0	-	Coal		Under Construction	6/27/2007	No	Uprate to Washington Units
PJM	MD	S38	1	290304	8	-	Coal		Planned	1/26/2009	No	
PJM	NJ	S43	1	291413	17.0	15.1	Oil		Existing	-	No	
PJM	OH	S45	1	290685, 290686	100	17.8	Wind		Planned	12/31/2009	Yes	
PJM	NJ	S60	1	290740	63	56.1	Natural Gas		Planned	6/1/2008	No	
PJM	NJ	S61	1	290745	20	17.8	Natural Gas		Planned	7/1/2007	No	
PJM	PA	S64	1	290760	18	16	Biomass		Planned	1/1/2011	Yes	
PJM	WV	S70	1	290784, 290785	36.4	16.2, 16.2	Hydro		Planned	7/1/2012	Yes	
PJM	IN	S71	1	290787, 290788	120	21.4, 21.4	Wind		Planned	10/1/2012	Yes	
PJM	IN	S72	1	290791, 290792, 290801, 290802	300	26.7, 26.7	Wind		Planned	12/1/2010	Yes	
PJM	IN	S73	1	290796, 290797, 290799	200	17.8, 17.8	Wind		Planned	12/1/2010	Yes	



				290790								
PJM	WV	S74	1	315252	25.0	-	Coal		Under Construction	6/1/2011	No	Uprate to Mt. Storm Unit 2
PJM	WV	S75	1	315253	27.0	-	Coal		Under Construction	6/1/2012	No	Uprate to Mt. Storm Unit 3
PJM	WV	S76	1	315251	25.0	-	Coal		Under Construction	6/1/2013	No	Uprate to Mt. Storm Unit 1
PJM	VA	S79	1	315065	27.0	-	Coal		Under Construction	12/1/2010	No	Uprate to Chesterfield Unit 6
PJM	VA	S80	1	315060	20.0	-	Coal		Under Construction	6/1/2011	No	Uprate to Chesterfield Unit 5
PJM	VA	S81	1	315451	22.0	19.6	Natural Gas		Existing	-	No	
PJM	VA	S82	1	315119	20.0	-	Natural Gas		Under Construction	6/1/2010	No	Uprate to Gravel Neck Unit 3
PJM	VA	S83	1	315120	20.0	-	Natural Gas		Under Construction	6/1/2010	No	Uprate to Gravel Neck Unit 4
PJM	VA	S84	1	315121	20.0	-	Natural Gas		Under Construction	6/1/2010	No	Uprate to Gravel Neck Unit 5
PJM	VA	S85	1	315122	20.0	-	Natural Gas		Under Construction	6/1/2010	No	Uprate to Gravel Neck Unit 6
PJM	VA	S97	1	315437	20.0	17.8	Natural Gas		Under Construction	6/1/2013	No	
PJM	VA	S98	1	315438	20.0	17.8	Natural Gas		Under Construction	6/1/2013	No	
PJM	VA	T06	1	315092	20.0	-	Oil		Under Construction	5/1/2014	No	Uprate to Yorktown Unit 3
PJM	VA	T10	1	315441	3.0	2.7	Methane		Under Construction	12/30/2007	No	
PJM	VA	T104	1	315442	20.0	0.0	Other		Existing	-	No	
PJM	NJ	T107	1	292331, 292332, 292333	624.5	139.2, 139.2, 278.4	Natural Gas		Planned	1/31/2012	No	
PJM	PA	T108	1	209010	9.2	8.2	Methane		Existing	-	No	
PJM	PA	T109	1	292339	20	17.8	Coal		Planned	4/1/2009	No	
PJM	DE	T11	1	292089	5.0	4.5	Methane		Existing	-	No	
PJM	MI	T111	1	292348	8.0	1.4, 1.4, 1.4, 1.4, 1.4	Methane		Under Construction	12/31/2008	No	
PJM	PA	T117	1	292375-292377	126.0	42.8, 42.8, 26.7	Natural Gas		Under Construction	6/1/2012	No	
PJM	PA	T118	1	213888	10.0	-	Natural Gas		Under	6/1/20	No	Uprate to Phillips Island



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				213889, 213890, 213893					Construction	10		Units
PJM	IN	T126	1	292412, 292413	200.0	20.2	Wind		Existing	-	Yes	
PJM	PA	T129	1	213738, 213739, 213740	20.0	-	Natural Gas		Under Construction	6/1/2010	No	Uprate to Eddystone Units
PJM	OH	T130	1	292439, 292440	300	53.5	Wind		Planned	10/30/2010	Yes	
PJM	OH	T131	1	292443, 292444	150	26.7	Wind		Planned	10/30/2010	Yes	
PJM	MD	T133	1	292451	225	200.5	Natural Gas		Planned	5/1/2011	No	
PJM	MD	T134	1	292457	325	289.6	Natural Gas		Planned	5/1/2012	No	
PJM	NJ	T135	1	228309	15.0	-	Coal		Planned	1/7/2008	No	Uprate to CCLP Unit
PJM	OH	T142	1	292490, 292491	300	53.5	Wind		Planned	10/30/2010	Yes	
PJM	MD	T147	1	292509	10.0	8.9	Natural Gas		Existing	-	No	
PJM	OH	T154	1	292544	10	8.9	Methane		Planned	2/18/2009	No	
PJM	PA	T155	1	292548	6	5.3	Hydro		Planned	6/1/2010	Yes	
PJM	PA	T156	1	292552	20	17.8	Coal		Planned	2/28/2011	No	
PJM	WV	T157	1	292557, 292559	160	28.5	Wind		Planned	6/30/2011	Yes	
PJM	OH	T164	1	242940	15.0	-	Coal		Under Construction	2/1/2008	No	Uprate to Muskingum River Unit 5
PJM	OH	T165	1	243623	20.0	-	Coal		Under Construction	2/1/2008	No	Uprate to Conesville Unit 5
PJM	OH	T166	1	243624	20.0	-	Coal		Under Construction	2/1/2008	No	Uprate to Conesville Unit 6
PJM	VA	T167	1	292597	120	106.9	Natural Gas		Planned	6/1/2016	No	
PJM	PA	T174	1	292626, 292627, 292628, 292629	930	164.8, 164.8, 164.8, 334.1	Natural Gas		Planned	6/1/2011	No	
PJM	VA	T180	1	292651, 292652, 292653	650	164.8, 164.8, 249.5	Natural Gas		Planned	6/1/2012	No	
PJM	PA	T182	1	204659	24.0	-	Nuclear		Planned	1/31/2008	No	Uprate to Three Mile Island Unit



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PJM	PA	T20	1	214067	3.0	2.7	Solar	Existing	-	Yes	
PJM	PA	T39	1	292133, 292134	18	3.2	Wind	Planned	3/31/2011	Yes	
PJM	NJ	T41	1	292142- 292145	178.0	39.7, 39.7, 39.7, 39.7	Natural Gas	Planned	6/1/2012	No	
PJM	NJ	T41	1	292142	44.5	39.7	Natural Gas	Planned	6/1/2012	No	
PJM	NJ	T42	1	292146, 292147	88	39.7	Natural Gas	Planned	6/1/2012	No	
PJM	NJ	T43	1	292150, 292151, 292152, 292153	178	39.7, 39.7, 39.7, 39.7	Natural Gas	Planned	6/1/2012	No	
PJM	NJ	T45	1	292158, 292159, 292160, 292161, 292162	205	36.5, 36.5, 36.5, 36.5, 36.5	Natural Gas	Planned	6/1/2011	No	
PJM	OH	T48	1	292163, 292164	50	8.9	Wind	Planned	11/30/2013	Yes	
PJM	DE	T52	1	231911- 231914	20.0	-	Natural Gas	Under Construction	5/1/2008	No	Uprate to Hay Road Units 5,6,7,8
PJM	DE	T53	1	292178	7.3	6.5	Oil	Existing	-	No	
PJM	DE	T53	1	292178	7.3	6.5	Oil	Planned	6/1/2008	No	
PJM	NJ	T54	1	292183	6.6	5.9	Natural Gas	Planned	4/1/2009	No	
PJM	NJ	T54	1	292183	6.6	5.9	Natural Gas	Planned	4/1/2009	No	
PJM	NJ	T55	1	292187	15.3	13.6	Natural Gas	Planned	4/1/2009	No	
PJM	NJ	T55	1	292187	12.4	13.6	Natural Gas	Planned	4/1/2009	No	
PJM	DE	T56	1	231919, 231920	8.4	-	Oil	Under Construction	4/1/2009	No	Uprate to Christiana Units
PJM	NJ	T59	1	292200	12.9	11.5	Natural Gas	Planned	4/1/2009	No	
PJM	NJ	T59	1	292200	12.9	11.5	Natural Gas	Planned	4/1/2009	No	
PJM	DE	T67	1	231918	5.3	-	Oil	Under Construction	4/1/2009	No	Uprate to West Substation Unit
PJM	DE	T68	1	231917	5.2	-	Oil	Under Construction	4/1/2009	No	Uprate to Edge Moor Unit 10



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PJM	NJ	T76	1	292241	27.3	24.3	Natural Gas		Planned	6/15/2009	No	
PJM	NJ	T76	1	292241	27.3	24.3	Natural Gas		Planned	6/15/2009	No	
PJM	NJ	T77	1	218435	64.0	-	Natural Gas		Planned	10/4/2007	No	Uprate to Linden Unit 1
PJM	VA	T78	1	315443	8.5	7.6	Methane		Existing	-	No	
PJM	VA	T79	1	315444	6.2	5.5	Methane		Existing	-	No	
PJM	NJ	T84	1	292270, 292271, 292272, 292273	350	31.2, 31.2	Wind		Planned	12/31/2012	Yes	
PJM	PA	T85	1	292274	6.0	5.3	Methane		Under Construction	12/31/2008	No	
PJM	PA	T86	1	203283	1.5	1.3	Methane		Under Construction	7/1/2008	No	
PJM	PA	U1-010	1	292769	10.0	16.0	Natural Gas		Under Construction	7/1/2011	No	
PJM	NC	U1-031	1	292789, 292790	80	35.6	Wood		Planned	6/30/2012	No	
PJM	IL	U1-054	1	293964, 293965	46.0	29.9, 10.8	Natural Gas		Planned	3/28/2008	No	
PJM	NJ	U1-056	1	292815, 292816	350	40.5	Wind		Planned	4/1/2014	Yes	
PJM	OH	U1-059	1	292821, 292822	50	5.8	Wind		Planned	4/1/2011	Yes	
PJM	NJ	U1-66	1	292827	9	8	Oil		Planned	5/1/2011	No	
PJM	NJ	U1-066	1	292846	12	10.7	Hydro		Planned	5/1/2011	Yes	
PJM	PA	U1-089	1	292878	20.0	17.8	Other		Existing	-	No	
PJM	OH	U1-090	1	292881	12	10.7	Coal		Planned	5/31/2008	No	
PJM	MD	U2-030	1	929512	60.0	6.9	Wind		Planned	10/1/2010	Yes	
PJM	VA	U2-031	1	292953, 292954	30	22.1	Methane		Planned	6/1/2011	No	
PJM	OH	U2-041	1	292960, 292968	300.0	17.4, 17.4	Wind		Under Construction	12/1/2011	Yes	
PJM	VA	U2-050	1	292972, 292973	100	11.6	Wind		Planned	12/1/2010	Yes	
PJM	VA	U2-051	1	292974, 292975	60	6.9	Wind		Planned	12/1/2010	Yes	
PJM	VA	U2-056	1	292986	89	79.3	Other		Planned	12/1/2	No	



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PJM	VA	U2-057	1	292988	48	42.8	Other		Planned	12/1/2010	No	
PJM	MD	U2-061	1	929962, 929972	50.0	5.8	Wind		Under Construction	12/15/2010	Yes	
PJM	PA	U2-067	1	209021	2.5	-	Other		Under Construction	7/1/2008	-	Uprate to Westwood Nug Unit
PJM	VA	U2-068	1	293011, 293014	130	15.1	Wind		Planned	12/1/2011	Yes	
PJM	PA	U2-069	1	209032	56.0	6.5	Wind		Under Construction	6/1/2014	Yes	
PJM	PA	U2-074	1	293031	300	267.3	Natural Gas		Planned	10/1/2012	No	
PJM	NJ	U3-032	1	299905, 299906	20	5.8	Solar		Planned	6/1/2011	Yes	
PJM	VA	U4-026	1	291956, 291957	100	11.6	Wind		Planned	12/31/2013	Yes	
PJM	IL	U4-030	1	291972	6	5.3	Natural Gas		Planned	6/23/2010	No	
PJM	OH	U4-034	1	291988	5.0	4.5	Coal		Under Construction	1/1/2010	No	
PJM	OH	U4-035	1	291992	5.0	4.5	Coal		Under Construction	1/1/2010	No	
PJM	NJ	U4-036	1	291995, 291996	5.45	4.1	Solar		Planned	4/1/2011	Yes	
PJM	PA	U4-040	1	292011	2	1.8	Natural Gas		Planned	1/1/2011	No	
PJM	PA	U4-041	1	292015	2	1.8	Diesel		Planned	1/1/2011	No	
PJM	PA	U4-042	1	292019	2	1.8	Diesel		Planned	1/1/2011	No	
PJM	PA	U4-043	1	292023	2	1.8	Diesel		Planned	1/1/2011	No	
PJM	PA	U4-044	1	292027	2	1.8	Diesel		Planned	1/1/2011	No	
PJM	PA	U4-045	1	292031	2	1.8	Diesel		Planned	1/1/2011	No	
PJM	PA	U4-046	1	292035	2	1.8	Diesel		Planned	1/1/2011	No	
PJM	PA	U4-047	1	292039	2	1.8	Diesel		Planned	1/1/2011	No	
PJM	PA	U4-048	1	292043	2	1.8	Diesel		Planned	1/1/2011	No	
PS	AL	VANN 1G		17701	163.0	163.0	Gas	CT	Existing			



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PS	AL	VANN 2G		17702	163.0	163.0	Gas	CT	Existing			
PS	AL	VANN 3G		17703	175.0	175.0	Gas	CC	Existing			
PS	AL	LOWMAN1G		17711	80.0	80.0	Coal	Steam	Existing			
PS	AL	LOWMAN2G		17712	238.0	238.0	Coal	Steam	Existing			
PS	AL	LOWMAN3G		17713	238.0	238.0	Coal	Steam	Existing			
PS	AL	MCNTSH1G		17721	100.0	110.0	Gas	CT	Existing			
PS	AL	MCNTSH2G		17722	0.0	114.0	Gas	CT	Existing			
PS	AL	MCNTSH3G		17723	0.0	114.0	Gas	CT	Existing			
PS	AL	MCNTSH4G		17754	150.0	170.0	Gas	CT	Existing			
PS	AL	MCNTSH5G		17755	150.0	170.0	Gas	CT	Existing			
PS	AL	MCNTSH6G		17756	187.0	187.0	Gas	CC	Planned	2019	No	
PS	AL	MCWLMS1G		17731	10.0	10.0	Gas	CC	Existing			
PS	AL	MCWLMS2G		17732	10.0	10.0	Gas	CC	Existing			
PS	AL	MCWLMS3G		17733	20.0	20.0	Gas	CC	Existing			
PS	AL	MCWLMS4G		17734	109.0	109.0	Gas	CT	Existing			
PEC	NC	6CG ROXB	1	304097	56	56	Coal	Cogen	Existing		No	
PEC	NC	6I-PCS G	C	304458	42	42	Waste Heat	Cogen	Existing		No	
PEC	NC	6CRVWOOD	1	304472	45	45	Wood	Cogen	Existing		No	
PEC	NC	3CG-ELIZ	1	304578	32	30	Coal	Cogen	Existing		No	
PEC	NC	6CGSOPRT	1	304601	103	103	Coal	Cogen	Existing		No	
PEC	NC	3CGKORNG	1	304605	30	30	Coal	Cogen	Existing		No	
PEC	NC	3CG-LUMB	1	304606	32	30	Coal	Cogen	Existing		No	
PEC	NC	3ICG-SMF	1	304641	68	68	Coal	Cogen	Existing		No	
PEC	NC	1ASHV #1	1S	304851	191	191	Coal	Steam	Existing		No	
PEC	NC	1ASHV #2	1S	304852	185	178	Coal	Steam	Existing		No	
PEC	NC	1WALT #1	1	304853	36	36	Hydro	Hydro	Existing		No	
PEC	NC	1WALT #2	1	304854	40	40	Hydro	Hydro	Existing		No	
PEC	NC	1WALT #3	1	304855	36	36	Hydro	Hydro	Existing		No	
PEC	NC	1MARS1&2	1	304856	3	3	Hydro	Hydro	Existing		No	



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PEC	NC	1MARS1&2	2	304856	3	3	Hydro	Hydro	Existing		No	
PEC	NC	1ASHVCT1	A	304858	160	160	Gas	CT	Existing		No	
PEC	NC	1ASHVCT2	A	304859	167	167	Gas	CT	Existing		No	
PEC	NC	6DBGENW	D	304860	350	350	N/A	Conceptual	Conceptual		No	
PEC	NC	1BRUN #1	1	304862	950	950	Nuclear	Steam	Existing		No	
PEC	NC	1BRUN #2	1	304863	930	930	Nuclear	Steam	Existing		No	
PEC	NC	1ROB #2	1	304864	725	725	Nuclear	Steam	Existing		No	
PEC	NC	1HARR #1	1	304865	900	900	Nuclear	Steam	Existing		No	
PEC	NC	1SUTT #1	1	304866	93	93	Coal	Steam	Existing		No	
PEC	NC	1SUTT #2	1	304867	104	104	Coal	Steam	Existing		No	
PEC	NC	1SUTT #3	1S	304868	398	398	Coal	Steam	Existing		No	
PEC	NC	1ROX #1	1S	304869	369	369	Coal	Steam	Existing		No	
PEC	NC	1ROX #2	1S	304870	662	564	Coal	Steam	Existing		No	
PEC	NC	1ROX #3	1S	304871	695	695	Coal	Steam	Existing		No	
PEC	NC	1ROX #4	1S	304872	698	698	Coal	Steam	Existing		No	
PEC	NC	1MAYO #1	1S	304873	720	720	Coal	Steam	Existing		No	
PEC	NC	1ROB #1	1	304874	174	174	Coal	Steam	Existing		No	
PEC	NC	1LEE #1	1	304875	74	74	Coal	Steam	Existing		No	
PEC	NC	1LEE #2	1	304876	77	77	Coal	Steam	Existing		No	
PEC	NC	1LEE #3	1	304877	246	246	Coal	Steam	Existing		No	
PEC	NC	1CAPE #5	1S	304878	139	139	Coal	Steam	Existing		No	
PEC	NC	1CAPE #6	1S	304879	168	168	Coal	Steam	Existing		No	
PEC	NC	1CAPE #1	1	304880	8	6	Coal	Steam	Existing		No	
PEC	NC	1CAPE #2	1	304881	8	6	Coal	Steam	Existing		No	
PEC	NC	1WSP #1	1	304883	48	48	Coal	Steam	Existing		No	
PEC	NC	1WSP #2	1	304884	49	49	Coal	Steam	Existing		No	
PEC	NC	1WSP #3	1	304885	75	75	Coal	Steam	Existing		No	
PEC	NC	1TILL #1	1	304888	21	21	Hydro	Hydro	Existing		No	
PEC	NC	1TILL #2	1	304889	19	19	Hydro	Hydro	Existing		No	



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PEC	NC	1TILL #3	1	304890	22	22	Hydro	Hydro	Existing		No	
PEC	NC	1TILL #4	1	304891	27	27	Hydro	Hydro	Existing		No	
PEC	NC	BLEWDUM	1	304894	3	3	Hydro	Hydro	Existing		No	
PEC	NC	BLEWDUM	2	304894	3	3	Hydro	Hydro	Existing		No	
PEC	NC	BLEWDUM	3	304894	4	4	Hydro	Hydro	Existing		No	
PEC	NC	BLEWDUM	4	304894	4	4	Hydro	Hydro	Existing		No	
PEC	NC	BLEWDUM	5	304894	4	4	Hydro	Hydro	Existing		No	
PEC	NC	BLEWDUM	6	304894	4	4	Hydro	Hydro	Existing		No	
PEC	NC	1DCP #1	A	304897	52	52	Gas	CT	Existing		No	
PEC	NC	1DCP #2	A	304898	52	52	Gas	CT	Existing		No	
PEC	NC	1DCP #3	A	304899	52	52	Gas	CT	Existing		No	
PEC	NC	1DCP #4	A	304900	51	51	Gas	CT	Existing		No	
PEC	NC	1DCP #5	A	304901	52	52	Gas	CT	Existing		No	
PEC	NC	1DCP #6	A	304902	51	51	Gas	CT	Existing		No	
PEC	NC	1DCP #7	A	304903	52	52	Gas	CT	Existing		No	
PEC	NC	1DCP #8	A	304904	49	49	Gas	CT	Existing		No	
PEC	NC	1DCP #9	A	304905	52	52	Gas	CT	Existing		No	
PEC	NC	1DCP #10	A	304906	52	52	Gas	CT	Existing		No	
PEC	NC	1DCP #11	A	304907	52	52	Gas	CT	Existing		No	
PEC	NC	1LEEIC#1	A	304913	12	11	Gas	CT	Existing		No	
PEC	NC	1LEEIC#2	A	304915	21	21	Gas	CT	Existing		No	
PEC	NC	1LEEIC#3	A	304916	21	0	Gas	CT	Existing		No	
PEC	NC	1LEEIC#4	A	304918	21	0	Gas	CT	Existing		No	
PEC	NC	1MORHDIC	A	304919	12	12	Gas	CT	Existing		No	
PEC	NC	1ROB IC	A	304920	15	11	Gas	CT	Existing		No	
PEC	NC	1SUTIC#1	A	304921	11	11	Gas	CT	Existing		No	
PEC	NC	1SUTIC2A	A	304922	24	24	Gas	CT	Existing		No	
PEC	NC	1SUTIC2B	A	304923	24	24	Gas	CT	Existing		No	
PEC	NC	1WSPIC#1	A	304924	33	0	Gas	CT	Existing		No	



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PEC	NC	1WSPIC#2	A	304925	32	0	Gas	CT	Existing	No
PEC	NC	1WSPIC#3	A	304927	34	34	Gas	CT	Existing	No
PEC	NC	1WSPIC#4	A	304928	33	0	Gas	CT	Existing	No
PEC	NC	1CFIC1&2	A	304930	12	6	Gas	CT	Existing	No
PEC	NC	1CFIC1&2	B	304930	12	6	Gas	CT	Existing	No
PEC	NC	1CFIC3&4	A	304931	12	6	Gas	CT	Existing	No
PEC	NC	1CFIC3&4	B	304931	12	6	Gas	CT	Existing	No
PEC	NC	1BLIC1&2	A	304933	13	0	Gas	CT	Existing	No
PEC	NC	1BLIC1&2	B	304933	13	0	Gas	CT	Existing	No
PEC	NC	1BLIC3&4	A	304934	13	0	Gas	CT	Existing	No
PEC	NC	1BLIC3&4	B	304934	13	0	Gas	CT	Existing	No
PEC	NC	1FAYPWC1	A	304940	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC2	A	304941	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC3	A	304942	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC4	A	304943	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC5	A	304944	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC6	A	304945	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC7	A	304946	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC8	A	304947	20	20	Gas	CT	Existing	No
PEC	NC	1FAYPWC9	A	304948	65	65	Gas	CT	Existing	No
PEC	NC	1DCP #12	A	304954	118	118	Gas	CT	Existing	No
PEC	NC	1DCP #13	A	304955	116	116	Gas	CT	Existing	No
PEC	NC	1WYNCO#1	A	304956	177	177	Gas	CT	Existing	No
PEC	NC	1WYNCO#2	A	304957	174	174	Gas	CT	Existing	No
PEC	NC	1WYNCO#3	A	304958	173	173	Gas	CT	Existing	No
PEC	NC	1WYNCO#4	A	304959	170	170	Gas	CT	Existing	No
PEC	NC	1WYNCO#5	A	304960	169	169	Gas	CT	Existing	No
PEC	NC	1RICHCT1	A	304971	162	162	Gas	CT	Existing	No
PEC	NC	1RICHCT2	A	304972	161	161	Gas	CT	Existing	No



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PEC	NC	1RICHCT3	A	304973	163	163	Gas	CT	Existing		No	
PEC	NC	1RICHCT4	A	304974	163	163	Gas	CT	Existing		No	
PEC	NC	1RICHCT5	A	304975	159	159	Gas	CT	Existing		No	
PEC	NC	1RICHEMC	A	304976	282	282	Gas	CT	Existing		No	
PEC	NC	1RICHCC1	A	304977	479	479	Gas	CC	Existing		No	
PEC	NC	1RICHCC2	A	304978	643	643	Gas	CC	Under Construction	2011	No	
PEC	NC	1LILEEMC	1	304986	336	336	Gas	CT	Existing		No	
PEC	NC	8DBGEN	1	304998	700	700	N/A	Conceptual	Conceptual		No	
PEF	FL	LAKE RR	1	402001	12.8	12.8	LFG	ST	Existing		No	
PEF	FL	LK COGEN	1	402002	41	41	LFG	ST	Existing		No	
PEF	FL	LK COGEN	2	402002	41	41	LFG	ST	Existing		No	
PEF	FL	LK COGEN	3	402002	24	24	LFG	ST	Existing		No	
PEF	FL	HIG P1&2	1	402196	26	0	DFO	GT	Retired	2016	No	
PEF	FL	HIG P1&2	2	402196	27	0	DFO	GT	Retired	2016	No	
PEF	FL	HIG P3&4	1	402197	30	0	DFO	GT	Retired	2016	No	
PEF	FL	HIG P3&4	2	402197	30	0	DFO	GT	Retired	2016	No	
PEF	FL	DBRY P1	1	402320	52	0	DFO	GT	Existing		No	
PEF	FL	DBRY P2	1	402321	52	0	DFO	GT	Existing		No	
PEF	FL	DBRY P3	1	402322	52	0	DFO	GT	Existing		No	
PEF	FL	DBRY P4	1	402323	52	0	DFO	GT	Existing		No	
PEF	FL	DBRY P5	1	402324	52	0	DFO	GT	Existing		No	
PEF	FL	DBRY P6	1	402325	53	0	DFO	GT	Existing		No	
PEF	FL	DBRY P7	1	402326	82	0	DFO	GT	Existing		No	
PEF	FL	DBRY P8	1	402327	82	0	DFO	GT	Existing		No	
PEF	FL	DBRY P9	1	402328	83	0	DFO	GT	Existing		No	
PEF	FL	DBRY P10	1	402329	82	0	DFO	GT	Existing		No	
PEF	FL	TUR P3&4	1	402366	64	0	DFO	GT	Existing		No	
PEF	FL	TUR P3&4	2	402366	63	0	DFO	GT	Existing		No	
PEF	FL	ORLNDOCG	1	402489	114	114	NG	CC	Existing		No	



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PEF	FL	HINECT1A	1	402601	158.6	158.6	NG	CA	Existing	No
PEF	FL	HINECT1B	1	402602	158.6	158.6	NG	CA	Existing	No
PEF	FL	HINEST1	1	402603	148.9	148.9	WH	CA	Existing	No
PEF	FL	HINECT2A	1	402604	167.1	167.1	NG	CA	Existing	No
PEF	FL	HINECT2B	1	402605	167.1	167.1	NG	CA	Existing	No
PEF	FL	HINEST2	1	402606	155.7	155.7	WH	CA	Existing	No
PEF	FL	HINECT3A	1	402607	175.8	175.8	NG	CA	Existing	No
PEF	FL	HINECT3B	1	402608	175.8	175.8	NG	CA	Existing	No
PEF	FL	HINEST3	1	402609	164.4	164.4	WH	CA	Existing	No
PEF	FL	HINECT4A	1	402610	157.1	157.1	NG	CA	Existing	No
PEF	FL	HINECT4B	1	402611	157.1	157.1	NG	CA	Existing	No
PEF	FL	HINEST4	1	402612	146.8	146.8	WH	CA	Existing	No
PEF	FL	IC 7	1	402626	82	0	NG	GT	Existing	No
PEF	FL	IC 8	1	402627	82	0	NG	GT	Existing	No
PEF	FL	IC 9	1	402628	82	0	NG	GT	Existing	No
PEF	FL	IC 10	1	402629	83	0	NG	GT	Existing	No
PEF	FL	IC 11	1	402630	143	0	NG	GT	Existing	No
PEF	FL	IC 12	1	402631	77	0	NG	GT	Existing	No
PEF	FL	IC 13	1	402632	77	0	NG	GT	Existing	No
PEF	FL	IC 14	1	402633	78	0	NG	GT	Existing	No
PEF	FL	MLBERY1A	1	402640	34	34	WH	CA	Existing	No
PEF	FL	MLBERY1B	1	402641	78	78	NG	CT	Existing	No
PEF	FL	ORNG CG1	1	402642	66.3	66.3	WH	CA	Existing	No
PEF	FL	ORNG CG2	1	402643	41.7	41.7	NG	CT	Existing	No
PEF	FL	TGRBAY 2	1	402645	42	42	NG	CC	Existing	No
PEF	FL	AVP P1&2	1	402664	25	0	NG	GT	Existing	No
PEF	FL	AVP P1&2	2	402664	24	0	DFO	GT	Existing	No
PEF	FL	IC 1&2	1	402665	46	0	DFO	GT	Existing	No
PEF	FL	IC 1&2	2	402665	46	0	DFO	GT	Existing	No



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PEF	FL	IC 3&4	1	402666	46	0	DFO	GT	Existing		No	
PEF	FL	IC 3&4	2	402666	46	0	DFO	GT	Existing		No	
PEF	FL	IC 5&6	1	402667	48	0	DFO	GT	Existing		No	
PEF	FL	IC 5&6	2	402667	48	0	DFO	GT	Existing		No	
PEF	FL	TGRBAY 1	1	402687	175	175	NG	GT	Existing		No	
PEF	FL	OXYCOGN2	1	402962	16	16	NG	ST	Existing		No	
PEF	FL	SUW CT4	30	402975	178	0	NG	GT	Planned	2019	No	
PEF	FL	SUW CT5	30	402976	178	0	NG	GT	Planned	2019	No	
PEF	FL	OXYCOGEN	1	402982	24	24	NG	GT	Existing		No	
PEF	FL	SWN P1&2	1	402987	52	0	DFO	ST	Retired	2015	No	
PEF	FL	SWN P1&2	2	402987	51	0	DFO	GT	Existing		No	
PEF	FL	SWN P3	1	402988	50	0	DFO	GT	Existing		No	
PEF	FL	TMBRENGY	1	402989	13	13	LFG	ST	Existing		No	
PEF	FL	WOODRUFF	1	402990	36	36	WAT	HY	Existing		No	
PEF	FL	FCS HPTB	1	403262	40	40	NG	GT	Existing		No	
PEF	FL	FCS LPTB	1	403263	100	100	NG	GT	Existing		No	
PEF	FL	UNIV FLA	1	403281	35	35			Existing		No	
PEF	FL	LEVY G1	30	403283	1092	1092	NUC	ST	Planned	2019	No	
PEF	FL	LEVY G2	30	403284	1092	1092	NUC	ST	Planned	2020	No	
PEF	FL	CR RV G1	1	403299	386	386	BIT	ST	Existing		No	
PEF	FL	CR RV G2	1	403300	486	304.2	BIT	ST	Existing		No	
PEF	FL	CR RV G3	1	403301	1054	1054	NUC	ST	Existing		No	
PEF	FL	CR RV G4	1	403319	688	688	BIT	ST	Existing		No	
PEF	FL	CR RV G5	1	403320	685	685	BIT	ST	Existing		No	
PEF	FL	BAY P1&3	1	403586	46	0	DFO	GT	Existing		No	
PEF	FL	BAY P1&3	2	403586	46	0	DFO	GT	Existing		No	
PEF	FL	BAY P2&4	1	403587	43	0	DFO	GT	Existing		No	
PEF	FL	BAY P2&4	2	403587	43	0	DFO	GT	Existing		No	
PEF	FL	BAR CT1A	1	403600	161	146.5	NG	CT	Existing		No	



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PEF	FL	BAR CT1B	1	403601	161	146.5	NG		CT	Existing		No	
PEF	FL	BAR CT1C	1	403602	161	146.5	NG		CT	Existing		No	
PEF	FL	BAR CT1D	1	403603	161	146.5	NG		CT	Existing		No	
PEF	FL	BAR ST1	1	403604	515	468.7	WH		CA	Existing		No	
PEF	FL	BARTP1&2	1	403605	43	0	DFO		GT	Existing		No	
PEF	FL	BARTP1&2	2	403605	44	0	DFO		GT	Existing		No	
PEF	FL	BARTP3&4	1	403606	43	0	DFO		GT	Existing		No	
PEF	FL	BARTP3&4	2	403606	46	0	DFO		GT	Existing		No	
PEF	FL	PNLRCOV1	1	403607	40	40	LFG		ST	Existing		No	
PEF	FL	PNLRCOV2	1	403608	14.8	14.8	LFG		ST	Existing		No	
PEF	FL	PASCO RR	1	403734	23	23	LFG		GT	Existing		No	
PEF	FL	SHADY P1	1	403750	162	157.7	NG		GT	Existing		No	
PEF	FL	SHADY P2	1	403751	162	157.7	NG		GT	Existing		No	
PEF	FL	SHADY P3	1	403752	162	0	NG		GT	Existing		No	
PEF	FL	ANCLT G1	1	403753	499	499	DFO		ST	Existing		No	
PEF	FL	ANCLT G2	1	403754	507	507	DFO		ST	Existing		No	
PEF	FL	HLOPW G1	1	409553	158	0	NG		GT	Existing		No	
PEF	FL	HLOPW G2	2	409555	158	0	NG		GT	Existing		No	
PEF	FL	HLOPW G3	3	409556	158	0	NG		GT	Existing		No	
PEF	FL	VANDOLAH1	1	409586	182	167	NG		GT	Existing		No	
PEF	FL	VANDOLAH2	1	409587	182	163	NG		GT	Existing		No	
PEF	FL	VANDOLAH3		409588	182	163	NG		GT	Existing		No	
PEF	FL	VANDOLAH4		409589	182	163	NG		GT	Existing		No	
SCE&G	SC	A.M. WILLIAMS	370800	560.0	560.0	Coal	Existing			YES			
SCE&G	SC	V.C. SUMMER #1	370803	966.0	966.0	Nuclear	Existing			YES			
SCE&G	SC	WATEREE #1	370804	342.0	342.0	Coal	Existing			YES			
SCE&G	SC	WATEREE #2	370805	342.0	342.0	Coal	Existing			YES			
SCE&G	SC	MCMEEKIN #1	370808	125.0	125.0	Coal	Existing			YES			
SCE&G	SC	MCMEEKIN #2	370809	125.0	125.0	Coal	Existing			YES			



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SCE&G	SC	HAGOOD #4	370811	88.0	0.0	Simple Cycle	Existing			YES			
SCE&G	SC	CANADYS #1	370812	90.0	90.0	Coal	Existing			YES			
SCE&G	SC	CANADYS #2	370813	115.0	115.0	Coal	Existing			YES			
SCE&G	SC	CANADYS #3	370814	180.0	180.0	Coal	Existing			YES			
SCE&G	SC	FAIRFIELD #1	370821	73.0	25.0	Hydro	Existing			YES			
SCE&G	SC	FAIRFIELD #2	370822	73.0	25.0	Hydro	Existing			YES			
SCE&G	SC	FAIRFIELD #3	370823	73.0	0.0	Hydro	Existing			YES			
SCE&G	SC	FAIRFIELD #4	370824	73.0	0.0	Hydro	Existing			YES			
SCE&G	SC	FAIRFIELD #5	370825	69.0	0.0	Hydro	Existing			YES			
SCE&G	SC	FAIRFIELD #6	370826	69.0	0.0	Hydro	Existing			YES			
SCE&G	SC	FAIRFIELD #7	370827	73.0	0.0	Hydro	Existing			YES			
SCE&G	SC	FAIRFIELD #8	370828	73.0	0.0	Hydro	Existing			YES			
SCE&G	SC	JASPER #1	370831	156.0	156.0	Combine d Cycle	Existing			YES			
SCE&G	SC	JASPER #2	370832	163.0	163.0	Combine d Cycle	Existing			YES			
SCE&G	SC	JASPER #3	370833	148.0	148.0	Combine d Cycle	Existing			YES			
SCE&G	SC	JASPER #4	370834	390.0	390.0	Combine d Cycle	Existing			YES			
SCE&G	SC	V.C. SUMMER #2	370835	1165.0	1165.0	Nuclear	Under Construction	2016		YES			
SCE&G	SC	V.C. SUMMER #3	370836	1165.0	1165.0	Nuclear	Under Construction	2019		YES			
SCE&G	SC	SALUDA #1	370851	33.0	0.0	Hydro	Existing			YES			
SCE&G	SC	SALUDA #2	370852	33.0	0.0	Hydro	Existing			YES			
SCE&G	SC	SALUDA #3	370853	35.0	0.0	Hydro	Existing			YES			
SCE&G	SC	SALUDA #4	370854	33.0	0.0	Hydro	Existing			YES			
SCE&G	SC	SALUDA #5	370855	66.0	11.9	Hydro	Existing			YES	System Slack		
SCE&G	SC	URQUHART #1	370871	64.0	64.0	Combine d Cycle	Existing			YES			
SCE&G	SC	URQUHART #2	370872	64.0	64.0	Combine d Cycle	Existing			YES			
SCE&G	SC	URQUHART #3	370873	95.0	95.0	Coal	Existing			YES			



SCE&G	SC	URQUHART #5	370875	162.0	162.0	Combine d Cycle	Existing		YES			
SCE&G	SC	URQUHART #6	370876	168.0	168.0	Combine d Cycle	Existing		YES			
SCE&G	SC	COPE	370880	420.0	420.0	Coal	Existing		YES			
SCE&G	SC	COGEN SOUTH	370894	90.0	90.0	Coal	Existing		YES			
SCPSA	SC	Cross 1	1	311450	580.0	420.8	coal	steam - coal	existing			
SCPSA	SC	Cross 2	1	311451	570.0	570.0	coal	steam - coal	existing			
SCPSA	SC	Winyah 2	1	311452	285.0	285.0	coal	steam - coal	existing			
SCPSA	SC	Winyah 3	1	311453	285.0	285.0	coal	steam - coal	existing			
SCPSA	SC	Winyah 4	1	311454	285.0	285.0	coal	steam - coal	existing			
SCPSA	SC	Grainger 1	1	311463	83.0	83.0	coal	steam - coal	existing			
SCPSA	SC	Grainger 2	1	311464	83.0	83.0	coal	steam - coal	existing			
SCPSA	SC	Hilton Head 3	1	311465	52.0	0.0	oil	CT - oil	existing			
SCPSA	SC	Hefferies Hydro 1	1	311466	29.3	29.3	water	CT - oil	existing			
SCPSA	SC	Jefferies Hydro 2	1	311467	29.3	29.3	water	CT - oil	existing			
SCPSA	SC	Jefferies Hydro 3	1	311468	29.3	29.3	water	CT - oil	existing			
SCPSA	SC	Jefferies Hydro 4	1	311469	29.3	29.3	water	CT - oil	existing			
SCPSA	SC	Jefferies Hydro 6	1	311470	11.0	11.0	water	CT - oil	existing			
SCPSA	SC	Jefferies 1	1	311471	42.0	0.0	water	steam - oil	existing			
SCPSA	SC	Jefferies 2	1	311472	42.0	0.0	water	steam - oil	existing			
SCPSA	SC	Jefferies 3	1	311473	152.0	150.0	coal	steam - coal	existing			
SCPSA	SC	Jefferies 4	1	311474	150.0	150.0	coal	steam - coal	existing			
SCPSA	SC	Myrtle Beach 3	1	311475	19.0	0.0	oil	CT - oil	existing			
SCPSA	SC	Myrtle Beach 4	1	311476	19.0	0.0	oil	CT - oil	existing			
SCPSA	SC	Myrtle Beach 5	1	311477	21.0	0.0	oil	CT - oil	existing			
SCPSA	SC	Winyah 1	1	311478	275.0	200.0	coal	steam - coal	existing			
SCPSA	SC	St. Stephen 1	1	311479	28.0	0.0	water	hydro	existing			
SCPSA	SC	St. Stephen 2	1	311480	28.0	0.0	water	hydro	existing			
SCPSA	SC	St. Stephen 3	1	311481	28.0	0.0	water	hydro	existing			
SCPSA	SC	Hilton Head 1	1	311482	19.0	0.0	oil	CT - oil	existing			



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SCPSA	SC	Hilton Head 2	1	311483	19.0	0.0	oil	CT - oil	existing			
SCPSA	SC	Myrtle Beach 1	1	311484	8.0	0.0	oil	CT - oil	existing			
SCPSA	SC	Myrtle Beach 2	1	311485	8.0	0.0	oil	CT - oil	existing			
SCPSA	SC	Rainey 1A	1	311493	150.0	0.0	gas	CC - gas	existing			
SCPSA	SC	Rainey 1B	1	311494	150.0	0.0	gas	CC - gas	existing			
SCPSA	SC	Rainey 1CC	1	311495	160.0	0.0	heat recovery	CC - gas	existing			
SCPSA	SC	Rainey 2A	1	311496	146.0	146.0	gas	CT - gas	existing			
SCPSA	SC	Rainey 2B	1	311497	146.0	146.0	gas	CT - gas	existing			
SCPSA	SC	Cross 3	1	311499	590.0	590.0	coal	steam - coal	existing			
SCPSA	SC	Cross 4	1	311500	590.0	590.0	coal	steam - coal	existing			
SCPSA	SC	Rainey 3	1	311502	75.0	0.0	gas	CT - gas	existing			
SCPSA	SC	Rainey 4	1	311503	75.0	0.0	gas	CT - gas	existing			
SCPSA	SC	Rainey 5	1	311504	75.0	0	gas	CT - gas	existing			
SOCO	GA	1MORGAN F 4.2000	1	383500	10.7	10.7	n/a	Hydro	Existing		No	
SOCO	GA	1LLOYD SHL 2.3000	1	383501	18.4	18.4	n/a	Hydro	Existing		No	
SOCO	GA	1CARTERSDAM1 13.800	1	383502	148.0	146.2	n/a	Hydro	Existing		No	
SOCO	GA	1CARTERSDAM2 13.800	2	383503	148.0	146.2	n/a	Hydro	Existing		No	
SOCO	GA	1CARTERSDAM3 13.800	3	383504	148.0	146.2	n/a	Pumped	Existing		No	
SOCO	GA	1CARTERSDAM4 13.800	4	383505	148.0	146.2	n/a	Pumped	Existing		No	
SOCO	GA	1ALLA DAM 13.800	1	383506	80.0	40.0	n/a	Hydro	Existing		No	
SOCO	GA	1W PT DAM 13.800	1	383508	82.0	42.0	n/a	Hydro	Existing		No	
SOCO	GA	1BUFORDDAM1 13.800	1	383509	60.0	56.8	n/a	Hydro	Existing		No	
SOCO	GA	1BUFORDDAM1 13.800	3	383509	6.4	6.4	n/a	Hydro	Existing		No	
SOCO	GA	1BUFORDDAM2 13.800	2	383510	60.0	56.8	n/a	Hydro	Existing		No	
SOCO	GA	1ROCKY MTN 120.000	1	383511	350.0	350.0	n/a	Pumped	Existing		No	
SOCO	GA	1ROCKY MTN 220.000	2	383512	350.0	350.0	n/a	Pumped	Existing		No	
SOCO	GA	1ROCKY MTN 320.000	3	383513	350.0	350.0	n/a	Pumped	Existing		No	
SOCO	GA	1BARTLFY1 12.000	1	383514	15.4	15.3	n/a	Hydro	Existing		No	
SOCO	GA	1BARTLFY2 12.000	2	383515	15.4	15.3	n/a	Hydro	Existing		No	



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SOCO	GA	1BARTLFY3 12.000	3	383516	15.6	15.3	n/a	Hydro	Existing		No
SOCO	GA	1BARTLFY4 6.9000	4	383517	20.6	20.4	n/a	Hydro	Existing		No
SOCO	GA	1BARTLFY6 13.800	5	383518	55.5	55.2	n/a	Hydro	Existing		No
SOCO	GA	1BARTLFY6 13.800	6	383518	55.5	55.2	n/a	Hydro	Existing		No
SOCO	GA	1GOATROCK 12.000	3	383520	5.0	5.0	n/a	Hydro	Existing		No
SOCO	GA	1GOATROCK 12.000	4	383520	5.0	5.0	n/a	Hydro	Existing		No
SOCO	GA	1GOATROCK 12.000	7	383520	9.3	9.3	n/a	Hydro	Existing		No
SOCO	GA	1GOATROCK 12.000	8	383520	9.3	9.3	n/a	Hydro	Existing		No
SOCO	GA	1GOATRK 56 4.2000	5	383521	5.0	5.0	n/a	Hydro	Existing		No
SOCO	GA	1GOATRK 56 4.2000	6	383521	5.0	5.0	n/a	Hydro	Existing		No
SOCO	GA	1OLIVER 1 7.2000	1	383522	17.8	17.8	n/a	Hydro	Existing		No
SOCO	GA	1OLIVER 2 7.6000	2	383523	17.8	17.8	n/a	Hydro	Existing		No
SOCO	GA	1OLIVER 3-4 7.6000	3	383524	17.8	17.8	n/a	Hydro	Existing		No
SOCO	GA	1OLIVER 3-4 7.6000	4	383524	5.9	5.9	n/a	Hydro	Existing		No
SOCO	GA	1N HIGHLAND 12.000	1	383525	33.9	33.9	n/a	Hydro	Existing		No
SOCO	GA	1TERRORA 6.6000	1	383530	14.5	14.5	n/a	Hydro	Existing		No
SOCO	GA	1TUGALO 1 6.6000	1	383532	22.3	22.2	n/a	Hydro	Existing		No
SOCO	GA	1TUGALO 3 6.6000	3	383533	22.3	22.2	n/a	Hydro	Existing		No
SOCO	GA	1YONAH 6.6000	1	383534	25.5	25.4	n/a	Hydro	Existing		No
SOCO	GA	1WALLACE 1-314.400	1	383536	50.7	50.7	n/a	Pumped	Existing		No
SOCO	GA	1WALLACE 1-314.400	2	383536	50.7	50.7	n/a	Pumped	Existing		No
SOCO	GA	1WALLACE 1-314.400	3	383536	54.6	54.6	n/a	Pumped	Existing		No
SOCO	GA	1WALLACE 4-614.400	4	383537	54.6	54.6	n/a	Pumped	Existing		No
SOCO	GA	1WALLACE 4-614.400	5	383537	50.7	50.7	n/a	Pumped	Existing		No
SOCO	GA	1WALLACE 4-614.400	6	383537	50.7	50.7	n/a	Pumped	Existing		No
SOCO	GA	1FLINT HYDRO2.3000	1	383538	6.5	6.5	n/a	Hydro	Existing		No
SOCO	GA	1GEORGE 1-2 13.800	1	383539	72.0	42.0	n/a	Hydro	Existing		No
SOCO	GA	1GEORGE 3-4 13.800	3	383540	73.0	42.0	n/a	Hydro	Existing		No
SOCO	GA	1CRISPCO1 6.6000	1	383541	23.0	20.0	n/a	Hydro	Existing		No



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SOCO	GA	1TALLULAH 1 6.6000	1	383542	8.5	8.5	n/a	Hydro	Existing	No
SOCO	GA	1TALLULAH 2 6.6000	2	383543	8.5	8.5	n/a	Hydro	Existing	No
SOCO	GA	1TALLULAH 3 6.6000	3	383544	8.5	8.5	n/a	Hydro	Existing	No
SOCO	GA	1TALLULAH 4 6.6000	4	383545	8.5	8.5	n/a	Hydro	Existing	No
SOCO	GA	1TALLULAH 5 6.6000	5	383546	8.5	8.5	n/a	Hydro	Existing	No
SOCO	GA	1TALLULAH 6 6.6000	6	383547	8.5	8.5	n/a	Hydro	Existing	No
SOCO	GA	1SINCLAIR 1 6.9000	1	383548	19.3	19.3	n/a	Hydro	Existing	No
SOCO	GA	1SINCLAIR 2 6.9000	2	383549	19.3	19.3	n/a	Hydro	Existing	No
SOCO	GA	1MCDON 3B 13.800	3B	383600	40.0	0.0	Gas	CT	Existing	No
SOCO	GA	1CONASAUG1ST18.000	1	383604	268.0	0.0	Gas	CC	Existing	No
SOCO	GA	1CONASAUGA1A18.000	1A	383605	176.0	0.0	Gas	CC	Existing	No
SOCO	GA	1CONASAUGA1B18.000	1B	383606	176.0	0.0	Gas	CC	Existing	No
SOCO	GA	1LOOPERS 2ST18.000	2	383607	295.0	0.0	Gas	CC	Existing	No
SOCO	GA	1LOOPERS 2A 18.000	2A	383608	176.0	0.0	Gas	CC	Existing	No
SOCO	GA	1LOOPERS 2B 18.000	2B	383609	176.0	0.0	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 5A 13.800	5A	383620	49.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1WANSLEY 1 18.000	1	383621	888.0	888.0	Coal	Coal	Existing	No
SOCO	GA	1WANSLEY 2 18.000	2	383622	888.0	888.0	Coal	Coal	Existing	No
SOCO	GA	1WANSLEY 6ST18.000	6	383623	222.0	211.0	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 6A 18.000	6A	383624	175.0	175.0	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 6B 18.000	6B	383625	175.0	175.0	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 7ST18.000	7	383626	231.5	222.0	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 7A 18.000	7A	383627	175.0	175.0	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 7B 18.000	7B	383628	175.0	175.0	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 9ST18.000	1	383629	210.8	206.4	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 9A 18.000	1A	383630	145.7	145.6	Gas	CC	Existing	No
SOCO	GA	1WANSLEY 9B 18.000	1B	383631	145.7	145.6	Gas	CC	Existing	No
SOCO	GA	1CHAT EN 1ST18.000	1	383632	164.0	164.0	Gas	CC	Existing	No
SOCO	GA	1CHAT EN 1A 18.000	1A	383633	150.0	150.0	Gas	CC	Existing	No



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SOCO	GA	1CHAT EN 1B 18.000	1B	383634	150.0	150.0	Gas	CC	Existing		No
SOCO	GA	1YATES 1 13.800	1	383641	97.0	97.0	Coal	Coal	Existing		No
SOCO	GA	1YATES 2 13.800	2	383642	103.0	103.0	Coal	Coal	Existing		No
SOCO	GA	1YATES 3 13.800	3	383643	111.0	111.0	Coal	Coal	Existing		No
SOCO	GA	1YATES 4 18.000	4	383644	133.0	133.0	Coal	Coal	Existing		No
SOCO	GA	1YATES 5 18.000	5	383645	135.0	135.0	Coal	Coal	Existing		No
SOCO	GA	1YATES 6 22.000	6	383646	352.0	352.0	Coal	Coal	Existing		No
SOCO	GA	1YATES 7 22.000	7	383647	355.0	355.0	Coal	Coal	Existing		No
SOCO	GA	1YELLOWPINECT13.800	1	383650	100.0	30.0	Coal	Coal	Existing		No
SOCO	GA	1HAMMOND 1 13.800	1	383651	111.8	111.8	Coal	Coal	Existing		No
SOCO	GA	1HAMMOND 2 13.800	2	383652	111.8	111.8	Coal	Coal	Existing		No
SOCO	GA	1HAMMOND 3 13.800	3	383653	111.8	111.8	Coal	Coal	Existing		No
SOCO	GA	1HAMMOND 4 20.000	4	383654	518.5	518.5	Coal	Coal	Existing		No
SOCO	GA	1DAHLBG 1 13.800	1	383661	75.0	62.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 2 13.800	2	383662	75.0	61.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 3 13.800	3	383663	75.0	61.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 4 13.800	4	383664	75.0	0.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 5 13.800	5	383665	75.0	0.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 6 13.800	6	383666	75.0	60.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 7 13.800	7	383667	75.0	0.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 8 13.800	8	383668	75.0	60.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG 9 13.800	9	383669	75.0	75.0	Gas	CT	Existing		No
SOCO	GA	1DAHLBG A 13.800	10	383670	75.0	60.0	Gas	CT	Existing		No
SOCO	GA	1FRANKLIN1ST18.000	1	383671	219.0	199.0	Gas	CC	Existing		No
SOCO	GA	1FRANKLIN 1A18.000	1A	383672	174.0	174.0	Gas	CC	Existing		No
SOCO	GA	1FRANKLIN 1B18.000	1B	383673	174.0	174.0	Gas	CC	Existing		No
SOCO	GA	1FRANKLIN2ST21.000	2	383674	275.0	275.0	Gas	CC	Existing		No
SOCO	GA	1FRANKLIN 2A18.000	2A	383675	175.0	175.0	Gas	CC	Existing		No
SOCO	GA	1FRANKLIN 2B18.000	2B	383676	175.0	175.0	Gas	CC	Existing		No



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SOCO	GA	1FRANKLIN3ST21.000	3	383677	276.0	276.0	Gas	CC	Existing		No	
SOCO	GA	1FRANKLIN 3A18.000	3A	383678	172.0	172.0	Gas	CC	Existing		No	
SOCO	GA	1FRANKLIN 3B18.000	3B	383679	172.0	172.0	Gas	CC	Existing		No	
SOCO	GA	1CALHOUN GEN13.800	4	383680	20.0	20.0	Gas	CT	Existing		No	
SOCO	GA	1SCHERER 1 25.000	1	383681	882.0	837.0	Coal	Coal	Existing		No	
SOCO	GA	1SCHERER 2 25.000	2	383682	893.0	848.0	Coal	Coal	Existing		No	
SOCO	GA	1SCHERER 3 25.000	3	383683	874.3	866.0	Coal	Coal	Existing		No	
SOCO	GA	1SCHERER 4 25.000	4	383684	876.0	876.0	Coal	Coal	Existing		No	
SOCO	GA	1BRANCH 1 20.000	1	383691	266.0	266.0	Coal	Coal	Existing		No	
SOCO	GA	1BRANCH 2 22.000	2	383692	325.0	325.0	Coal	Coal	Existing		No	
SOCO	GA	1BRANCH 3 22.000	3	383693	509.0	415.7	Coal	Coal	Existing		No	
SOCO	GA	1BRANCH 4 18.000	4	383694	507.0	413.4	Coal	Coal	Existing		No	
SOCO	GA	1WASHOPC CT118.000	1	383701	183.6	108.6	Gas	CT	Planned	2015	No	IC Facility Study is in progress
SOCO	GA	1WASHOPC CT218.000	2	383702	183.5	108.6	Gas	CT	Planned	2015	No	IC Facility Study is in progress
SOCO	GA	1WASHOPC CT318.000	3	383703	183.6	108.6	Gas	CT	Planned	2015	No	IC Facility Study is in progress
SOCO	GA	1MID GA 1ST 13.800	1	383711	96.0	96.0	Gas	CC	Existing		No	
SOCO	GA	1MID GA 1A 13.800	1A	383712	102.0	102.0	Gas	CC	Existing		No	
SOCO	GA	1MID GA 1B 13.800	1B	383713	102.0	102.0	Gas	CC	Existing		No	
SOCO	GA	1LONGLF1 23.000	1	383714	600.0	0.0	Coal	Coal	Planned	2013	No	Customer has executed IA
SOCO	GA	1LONGLF2 23.000	2	383715	600.0	0.0	Coal	Coal	Planned	2013	No	Customer has executed IA
SOCO	GA	1RMBL CT1 13.800	1	383721	109.0	82.0	Gas	CT	Existing		No	
SOCO	GA	1RMBL CT2 13.800	2	383722	109.0	82.0	Gas	CT	Existing		No	
SOCO	GA	1SMARR CC1 18.000	1	383723	210.0	211.0	Gas	CC	Conceptual	2015	No	IA is pending
SOCO	GA	1SMARR CC1A 18.000	1A	383724	185.5	185.5	Gas	CC	Conceptual	2015	No	IA is pending
SOCO	GA	1SMARR CC1B 18.000	1B	383725	185.5	185.5	Gas	CC	Conceptual	2015	No	IA is pending
SOCO	GA	1SMARR CC2 18.000	2	383726	210.0	211.0	Gas	CC	Conceptual	2020	No	IA is pending
SOCO	GA	1SMARR CC2A 18.000	2A	383727	185.5	185.5	Gas	CC	Conceptual	2020	No	IA is pending
SOCO	GA	1SMARR CC2B 18.000	2B	383728	185.5	185.5	Gas	CC	Conceptual	2020	No	IA is pending



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SOCO	GA	1RAFB CT A 13.800	A	383741	80.0	64.2	Gas	CT	Existing		No	
SOCO	GA	1RAFB CT B 13.800	B	383742	80.0	64.2	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 1 13.800	1	383743	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 2 13.800	2	383744	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 3 13.800	3	383745	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 4 13.800	4	383746	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 5 13.800	5	383747	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 6 13.800	6	383748	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 7 13.800	7	383749	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WARTHEN 8 13.800	8	383750	75.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1VOGTLE1 25.000	1	383751	1158.0	1158.0	Nuclear	Nuclear	Existing		No	
SOCO	GA	1VOGTLE2 25.000	2	383752	1159.0	1159.0	Nuclear	Nuclear	Existing		No	
SOCO	GA	1VOGTLE3 26.000	3	383753	1100.0	1100.0	Nuclear	Nuclear	Planned	2016	No	Approved by State Public Service Commission
SOCO	GA	1VOGTLE4 26.000	4	383754	1100.0	1100.0	Nuclear	Nuclear	Planned	2017	No	Approved by State Public Service Commission
SOCO	GA	1WILSON DSL 4.2000	1	383760	2.5	0.0	Oil	Oil	Existing		No	
SOCO	GA	1WILSON A 13.800	A	383761	46.0	0.0	Oil	Oil	Existing		No	
SOCO	GA	1WILSON B 13.800	B	383762	46.0	0.0	Oil	Oil	Existing		No	
SOCO	GA	1WILSON C 13.800	C	383763	46.0	0.0	Oil	Oil	Existing		No	
SOCO	GA	1WILSON D 13.800	D	383764	46.0	0.0	Oil	Oil	Existing		No	
SOCO	GA	1WILSON E 13.800	E	383765	46.0	0.0	Oil	Oil	Existing		No	
SOCO	GA	1WILSON F 13.800	F	383766	46.0	0.0	Oil	Oil	Existing		No	
SOCO	GA	1MITCHELL 3 18.000	3	383773	155.0	155.0	Coal	Coal	Existing		No	
SOCO	GA	1MITCHELL 3 18.000	BI	383773	96.0	0.0	Biomass	Biomass	Existing		No	
SOCO	GA	1APPLING BIO13.800	1	383774	100.0	0.0	Biomass	Biomass	Existing		No	
SOCO	GA	1RABUN BIO 13.800	1	383775	18.0	18.0	Biomass	Biomass	Existing		No	
SOCO	GA	1WARREN BIO 13.800	1	383776	100.0	100.0	Biomass	Biomass	Planned	2014	No	IC Facility Study is in progress
SOCO	GA	1PIEDMNT BIO13.800	1	383777	50.0	50.0	Biomass	Biomass	Existing		No	
SOCO	GA	1FITZ BIO 13.800	1	383778	55.0	55.0	Biomass	Biomass	Planned	2012	No	IA has been signed by customer



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SOCO	GA	1MITCHELL A 13.800	A	383781	31.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MITCHELL B 13.800	B	383782	31.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MITCHELLC 13.800	C	383783	31.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1SOWEGA 1 13.800	1	383791	45.0	0.0	Gas	CT	Existing	No
SOCO	GA	1SOWEGA 2 13.800	2	383792	45.0	0.0	Gas	CT	Existing	No
SOCO	GA	1SOWEGA 3 13.800	3	383802	49.3	0.0	Gas	CT	Existing	No
SOCO	GA	1SOWEGA 4 13.800	4	383803	49.3	0.0	Gas	CT	Existing	No
SOCO	GA	1SOWEGA 5 13.800	5	383804	49.3	0.0	Gas	CT	Existing	No
SOCO	GA	1SOWEGA 6 13.800	6	383805	49.3	0.0	Gas	CT	Existing	No
SOCO	GA	1HATCH 1 24.000	1	383811	882.0	882.0	Nuclear	Nuclear	Existing	No
SOCO	GA	1HATCH 2 24.000	2	383812	889.0	889.0	Nuclear	Nuclear	Existing	No
SOCO	GA	1MCMANUS 4A 13.800	4A	383821	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 4B 13.800	4B	383822	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 4C 13.800	4C	383823	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 4D 13.800	4D	383824	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 4E 13.800	4E	383825	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 4F 13.800	4F	383826	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 1 13.800	1	383831	43.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 2 13.800	2	383832	79.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 3A 13.800	3A	383833	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 3B 13.800	3B	383834	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1MCMANUS 3C 13.800	3C	383835	46.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1BOWEN 6 13.800	6	383840	23.0	0.0	Oil	Oil	Existing	No
SOCO	GA	1BOWEN 1 25.000	1	383841	704.0	704.0	Coal	Coal	Existing	No
SOCO	GA	1BOWEN 2 25.000	2	383842	740.0	740.0	Coal	Coal	Existing	No
SOCO	GA	1BOWEN 3 18.000	3	383843	909.5	909.5	Coal	Coal	Existing	No
SOCO	GA	1BOWEN 4 18.000	4	383844	909.5	909.5	Coal	Coal	Existing	No
SOCO	GA	1SEWCRK 1 13.800	1	383851	141.0	104.0	Gas	CT	Existing	No
SOCO	GA	1SEWCRK 2 13.800	2	383852	141.0	0.0	Gas	CT	Existing	No



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SOCO	GA	1SEWCRK 3 13.800	3	383853	113.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1SEWCRK 4 13.800	4	383854	113.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TIGER CK1 18.000	1	383855	151.0	151.0	Gas	CT	Existing		No	
SOCO	GA	1TIGER CK2 18.000	2	383856	151.0	151.0	Gas	CT	Existing		No	
SOCO	GA	1TIGER CK3 18.000	3	383857	151.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TIGER CK4 18.000	4	383858	151.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1MONPWRCO 1 13.800	1	383860	160.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1MONPWRCO 2 13.800	2	383861	160.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1LGEMONROE1 13.800	1	383862	160.0	160.0	Gas	CT	Existing		No	
SOCO	GA	1LGEMONROE2 13.800	2	383863	160.0	160.0	Gas	CT	Existing		No	
SOCO	GA	1LGEMONROE3 13.800	3	383864	136.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1EFFINGHM 1 18.000	1	383867	182.0	182.0	Gas	CC	Existing		No	
SOCO	GA	1EFFINGHM 1A18.000	1A	383868	159.0	159.0	Gas	CC	Existing		No	
SOCO	GA	1EFFINGHM 1B18.000	1B	383869	159.0	159.0	Gas	CC	Existing		No	
SOCO	GA	1DOYLE 1 14.400	1	383871	60.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1DOYLE 2 13.800	2	383872	60.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1DOYLE 3 13.800	3	383873	60.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1DOYLE 4 13.800	4	383874	75.0	75.0	Gas	CT	Existing		No	
SOCO	GA	1DOYLE 5 13.800	5	383875	75.0	60.0	Gas	CT	Existing		No	
SOCO	GA	1MCDON 4ST 18.000	4	383878	379.7	379.7	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1MCDON 4A 21.000	4A	383879	240.0	240.0	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1MCDON 4B 21.000	4B	383880	240.0	240.0	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1OPCHWE 1 13.800	1	383881	148.0	120.0	Gas	CT	Existing		No	
SOCO	GA	1OPCHWE 2 13.800	2	383882	148.0	120.0	Gas	CT	Existing		No	
SOCO	GA	1MCDON 6ST 18.000	6	383883	375.1	375.1	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1MCDON 6A 21.000	6A	383884	240.0	240.0	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1MCDON 6B 21.000	6B	383885	240.0	240.0	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1MCDON 3A 13.800	3A	383886	40.0	0.0	Gas	CT	Existing		No	



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SOCO	GA	1MSBAINBR 13.800	1	383890	78.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WEST GA 1 18.000	1	383901	160.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1WEST GA 2 18.000	2	383902	160.0	150.0	Gas	CT	Existing		No	
SOCO	GA	1WEST GA 3 18.000	3	383903	150.0	150.0	Gas	CT	Existing		No	
SOCO	GA	1WEST GA 4 18.000	4	383904	150.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1LEE RD 1 13.800	1	383905	50.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1LEE RD 2 13.800	2	383906	50.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TALBOT 1 13.800	1	383911	107.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TALBOT 2 13.800	2	383912	107.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TALBOT 3 13.800	3	383913	108.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TALBOT 4 13.800	4	383914	108.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TALBOT 5 13.800	5	383915	112.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TALBOT 6 13.800	6	383916	111.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1TENAS-GA 1 18.000	1	383921	157.0	157.0	Gas	CT	Existing		No	
SOCO	GA	1TENAS-GA 2 18.000	2	383922	157.0	157.0	Gas	CT	Existing		No	
SOCO	GA	1TENAS-GA 3 18.000	3	383923	157.0	157.0	Gas	CT	Existing		No	
SOCO	GA	1TENAS-GA 4 18.000	4	383924	157.0	157.0	Gas	CT	Existing		No	
SOCO	GA	1TENAS-GA 5 18.000	5	383925	157.0	157.0	Gas	CT	Existing		No	
SOCO	GA	1TENAS-GA 6 18.000	6	383926	157.0	157.0	Gas	CT	Existing		No	
SOCO	GA	1HAWK RD 1 18.000	1	383927	166.0	128.0	Gas	CT	Existing		No	
SOCO	GA	1HAWK RD 2 18.000	2	383928	167.0	128.0	Gas	CT	Existing		No	
SOCO	GA	1HAWK RD 3 18.000	3	383929	167.0	128.0	Gas	CT	Existing		No	
SOCO	GA	1MCDON 5ST 18.000	5	383961	373.1	373.1	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1MCDON 5A 21.000	5A	383962	240.0	240.0	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1MCDON 5B 21.000	5B	383963	240.0	240.0	Gas	CC	Under Construction	2011	No	Approved by State Public Service Commission
SOCO	GA	1HANCOCK 1ST 18.000	1	383991	320.0	320.0	Gas	CC	Conceptual	2019	No	Load Serving Entity Future Resource Assumption
SOCO	GA	1HANCOCK 1A 21.000	1A	383992	260.0	260.0	Gas	CC	Conceptual	2019	No	Load Serving Entity Future Resource Assumption
SOCO	GA	1HANCOCK 1B 21.000	1B	383993	260.0	260.0	Gas	CC	Conceptual	2019	No	Load Serving Entity Future Resource Assumption



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SOCO	GA	1HANCOCK 2ST18.000	2	383994	320.0	320.0	Gas	CC	Conceptual	2020	No	Load Serving Entity Future Resource Assumption
SOCO	GA	1HANCOCK 2A 21.000	2A	383995	260.0	260.0	Gas	CC	Conceptual	2020	No	Load Serving Entity Future Resource Assumption
SOCO	GA	1HANCOCK 2B 21.000	2B	383996	260.0	260.0	Gas	CC	Conceptual	2020	No	Load Serving Entity Future Resource Assumption
SOCO	AL	1SMITH GN 13.800	1	384142	165.0	165.0	n/a	Hydro	Existing		No	
SOCO	AL	1HOLT GEN 13.800	1	384355	45.0	45.0	n/a	Hydro	Existing		No	
SOCO	AL	1BANK GEN 13.800	1	384357	52.0	52.0	n/a	Hydro	Existing		No	
SOCO	AL	1YATE GEN 6.9000	1	384448	46.0	44.0	n/a	Hydro	Existing		No	
SOCO	AL	1RF HENRY 13.800	1	385401	80.0	40.0	n/a	Hydro	Existing		No	
SOCO	AL	1MILERSFY 1 13.800	1	385402	28.0	13.3	n/a	Hydro	Existing		No	
SOCO	AL	1MILERSFY 2 13.800	2	385403	28.0	13.3	n/a	Hydro	Existing		No	
SOCO	AL	1MILERSFY 3 13.800	3	385404	28.0	13.3	n/a	Hydro	Existing		No	
SOCO	AL	1CHAMPION 13.800	A	385410	25.0	0.0	Gas	CT	Existing		No	
SOCO	AL	1MONSANTO 13.800	A	385411	86.0	0.0	Gas	CT	Existing		No	
SOCO	AL	1STONECTR 13.800	A	385412	8.0	0.0	Gas	CT	Existing		No	
SOCO	AL	1BAY CNTY 13.800	A	385413	12.0	0.0	Gas	CT	Existing		No	
SOCO	AL	1AMEA CT1 13.800	1	386036	47.0	30.0	Gas	CT	Existing		No	
SOCO	AL	1AMEA CT2 13.800	2	386037	47.0	30.0	Gas	CT	Existing		No	
SOCO	AL	1LIVEOAKS1ST18.000	1	386038	250.0	0.0	Gas	CC	Existing		No	
SOCO	AL	1LIVEOAKS 1A18.000	1A	386039	171.0	0.0	Gas	CC	Existing		No	
SOCO	AL	1LIVEOAKS 1B18.000	1B	386040	171.0	0.0	Gas	CC	Existing		No	
SOCO	AL	1CALPWR1 18.000	1	386061	158.0	157.0	Gas	CT	Existing		No	
SOCO	AL	1CALPWR2 18.000	2	386062	158.0	157.0	Gas	CT	Existing		No	
SOCO	AL	1CALPWR3 18.000	3	386063	158.0	157.0	Gas	CT	Existing		No	
SOCO	AL	1CALPWR4 18.000	4	386064	158.0	157.0	Gas	CT	Existing		No	
SOCO	AL	1WASH CO 1 13.800	1	386081	32.0	32.0	Gas	CC	Existing		No	
SOCO	AL	1WASH CO 1A 13.800	1A	386082	68.0	68.0	Gas	CC	Existing		No	
SOCO	AL	1LOWDN CO 1 13.800	1	386083	13.0	13.0	Gas	CC	Existing		No	
SOCO	AL	1LOWDN CO 1A13.800	1A	386084	79.0	79.0	Gas	CC	Existing		No	



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SOCO	AL	1THEO 1	13.800	1	386085	64.0	64.0	Gas	CC	Existing		No
SOCO	AL	1THEO A	18.000	1A	386086	167.0	167.0	Gas	CC	Existing		No
SOCO	FL	1ST ROSA	13.800	1	386087	75.0	75.0	Gas	CC	Existing		No
SOCO	FL	1ST ROSA	18.000	1A	386088	150.0	150.0	Gas	CC	Existing		No
SOCO	AL	1HOGBAYOU 1	13.800	1	386089	75.0	0.0	Gas	CC	Existing		No
SOCO	AL	1HOGBAYOU1A	18.000	1A	386090	150.0	0.0	Gas	CC	Existing		No
SOCO	AL	1MILLER 1	24.000	1	386401	700.9	700.9	Coal	Coal	Existing		No
SOCO	AL	1MILLER 2	24.000	2	386402	681.0	681.0	Coal	Coal	Existing		No
SOCO	AL	1MILLER 3	24.000	3	386403	681.2	681.2	Coal	Coal	Existing		No
SOCO	AL	1MILLER 4	24.000	4	386404	689.8	689.8	Coal	Coal	Existing		No
SOCO	AL	1GORGAS 6	13.800	6	386406	110.0	110.0	Coal	Coal	Existing		No
SOCO	AL	1GORGAS 7	13.800	7	386407	111.0	111.0	Coal	Coal	Existing		No
SOCO	AL	1GORGAS 8	20.000	8	386408	165.8	165.8	Coal	Coal	Existing		No
SOCO	AL	1GORGAS 9	20.000	9	386409	174.8	174.8	Coal	Coal	Existing		No
SOCO	AL	1GORGAS10	26.000	10	386410	718.9	718.9	Coal	Coal	Existing		No
SOCO	AL	1GASTON 1	15.000	1	386411	127.0	127.0	Coal	Coal	Existing		No
SOCO	AL	1GASTON 1	15.000	1L	386411	127.0	127.0	Coal	Coal	Existing		No
SOCO	AL	1GASTON 2	15.000	2	386412	129.5	129.5	Coal	Coal	Existing		No
SOCO	AL	1GASTON 2	15.000	2L	386412	129.5	129.5	Coal	Coal	Existing		No
SOCO	AL	1GASTON 3	15.000	3	386413	130.0	130.0	Coal	Coal	Existing		No
SOCO	AL	1GASTON 3	15.000	3L	386413	130.0	130.0	Coal	Coal	Existing		No
SOCO	AL	1GASTON 4	15.000	4	386414	128.0	128.0	Coal	Coal	Existing		No
SOCO	AL	1GASTON 4	15.000	4L	386414	128.0	128.0	Coal	Coal	Existing		No
SOCO	AL	1GASTON 5	18.000	5	386415	854.0	854.0	Coal	Coal	Existing		No
SOCO	AL	1GASTON A	13.800	A	386416	16.0	0.0	Oil	Oil	Existing		No
SOCO	AL	1GADSDEN1	13.800	1	386421	64.0	64.0	Coal	Coal	Existing		No
SOCO	AL	1GADSDEN2	13.800	2	386422	66.0	66.0	Coal	Coal	Existing		No
SOCO	AL	1TENAS-AL 1	22.000	1	386423	361.0	63.8	Gas	CC	Existing		No
SOCO	AL	1TENAS-AL 1A	18.000	1A	386424	163.0	81.1	Gas	CC	Existing		No



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SOCO	AL	1TENAS-AL 1B18.000	1B	386425	163.0	81.1	Gas	CC	Existing	No
SOCO	AL	1TENAS-AL 1C18.000	1C	386426	163.0	81.1	Gas	CC	Existing	No
SOCO	AL	1TENAS-AL 2 22.000	2	386427	394.0	393.0	Gas	CC	Existing	No
SOCO	AL	1TENAS-AL 2A18.000	2A	386428	164.0	164.0	Gas	CC	Existing	No
SOCO	AL	1TENAS-AL 2B18.000	2B	386429	164.0	164.0	Gas	CC	Existing	No
SOCO	AL	1TENAS-AL 2C18.000	2C	386430	164.0	164.0	Gas	CC	Existing	No
SOCO	AL	1HILL ST1 23.000	1	386437	300.0	0.0	Gas	CC	Existing	No
SOCO	AL	1HILLCT1A 16.000	1A	386438	250.0	0.0	Gas	CC	Existing	No
SOCO	AL	1HILLCT1B 16.000	1B	386439	250.0	0.0	Gas	CC	Existing	No
SOCO	AL	1GREENCO1 20.000	1	386441	262.0	262.0	Coal	Coal	Existing	No
SOCO	AL	1GREENCO2 20.000	2	386442	255.0	255.0	Coal	Coal	Existing	No
SOCO	AL	1GREENCOA 13.800	A	386450	84.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOB 13.800	B	386451	82.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOC 13.800	C	386452	81.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOD 13.800	D	386453	82.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOE 13.800	E	386454	81.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOF 13.800	F	386455	80.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOG 13.800	G	386456	83.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOH 13.800	H	386457	82.0	66.0	Gas	CT	Existing	No
SOCO	AL	1GREENCOI 13.800	I	386458	85.0	66.0	Gas	CT	Existing	No
SOCO	AL	1FARLEY 1 22.000	1	386461	898.0	898.0	Nuclear	Nuclear	Existing	No
SOCO	AL	1FARLEY 2 22.000	2	386462	908.0	907.0	Nuclear	Nuclear	Existing	No
SOCO	AL	1BARRY 1 18.000	1	386471	138.0	138.0	Coal	Coal	Existing	No
SOCO	AL	1BARRY 2 18.000	2	386472	137.0	137.0	Coal	Coal	Existing	No
SOCO	AL	1BARRY 3 18.000	3	386473	125.0	125.0	Coal	Coal	Existing	No
SOCO	AL	1BARRY 3 18.000	3L	386473	124.0	124.0	Coal	Coal	Existing	No
SOCO	AL	1BARRY 4 22.000	4	386474	362.0	362.0	Coal	Coal	Existing	No
SOCO	AL	1BARRY 5 26.000	5	386475	752.0	752.0	Coal	Coal	Existing	No
SOCO	AL	1BARRYCC6 6 18.000	6	386476	181.0	181.0	Gas	CC	Existing	No



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SOCO	AL	1BARRYCC6 6A18.000	6A	386477	171.0	171.0	Gas	CC	Existing	No
SOCO	AL	1BARRYCC6 6B18.000	6B	386478	171.0	171.0	Gas	CC	Existing	No
SOCO	AL	1BARRYCC7 7 18.000	7	386479	181.0	181.0	Gas	CC	Existing	No
SOCO	AL	1BARRYCC7 7A18.000	7A	386480	172.0	172.0	Gas	CC	Existing	No
SOCO	AL	1BARRYCC7 7B18.000	7B	386481	172.0	172.0	Gas	CC	Existing	No
SOCO	AL	1HARRIS 1 18.000	1	386491	277.0	247.0	Gas	CC	Existing	No
SOCO	AL	1HARRIS 1A 18.000	1A	386492	175.0	175.0	Gas	CC	Existing	No
SOCO	AL	1HARRIS 1B 18.000	1B	386493	175.0	175.0	Gas	CC	Existing	No
SOCO	AL	1HARRIS 2 18.000	2	386494	278.8	0.0	Gas	CC	Existing	No
SOCO	AL	1HARRIS 2A 18.000	2A	386495	175.0	0.0	Gas	CC	Existing	No
SOCO	AL	1HARRIS 2B 18.000	2B	386496	175.0	0.0	Gas	CC	Existing	No
SOCO	AL	1HENRYGEN 11.500	1	386501	62.0	62.0	n/a	Hydro	Existing	No
SOCO	AL	1WEISSGEN 11.500	1	386511	71.0	71.0	n/a	Hydro	Existing	No
SOCO	AL	1LMARTGEN 13.800	1	386521	120.0	120.0	n/a	Hydro	Existing	No
SOCO	AL	1HARISGEN 13.800	1	386531	62.0	62.0	n/a	Hydro	Existing	No
SOCO	AL	1HARISGEN 13.800	2	386531	62.0	62.0	n/a	Hydro	Existing	No
SOCO	AL	1LAY1-3GN 11.500	1	386541	90.0	89.5	n/a	Hydro	Existing	No
SOCO	AL	1LAY4-6GN 11.500	4	386544	90.0	89.5	n/a	Hydro	Existing	No
SOCO	AL	1MART1GEN 12.000	1	386551	45.2	45.2	n/a	Hydro	Existing	No
SOCO	AL	1MART2GEN 12.000	2	386552	40.3	40.3	n/a	Hydro	Existing	No
SOCO	AL	1MART3GEN 12.000	3	386553	39.3	39.3	n/a	Hydro	Existing	No
SOCO	AL	1MART4GEN 12.000	4	386554	54.1	54.1	n/a	Hydro	Existing	No
SOCO	AL	1JORD1GEN 12.000	1	386561	57.0	57.0	n/a	Hydro	Existing	No
SOCO	AL	1JORD3GEN 12.000	3	386563	60.0	60.0	n/a	Hydro	Existing	No
SOCO	AL	1MITC4GEN 6.6000	4	386574	17.9	17.9	n/a	Hydro	Existing	No
SOCO	AL	1MITC5GEN 13.800	5	386575	44.7	44.7	n/a	Hydro	Existing	No
SOCO	AL	1MITC5GEN 13.800	6	386575	44.7	44.7	n/a	Hydro	Existing	No
SOCO	AL	1MITC5GEN 13.800	7	386575	44.7	44.7	n/a	Hydro	Existing	No
SOCO	AL	1BOULD1GN 13.800	1	386581	78.0	77.0	n/a	Hydro	Existing	No



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SOCO	AL	1BOULD2GN	13.800	2	386582	73.0	73.0	n/a	Hydro	Existing		No
SOCO	AL	1BOULD3GN	13.800	3	386583	73.0	73.0	n/a	Hydro	Existing		No
SOCO	AL	1THURLGEN	13.800	1	386591	69.4	69.4	n/a	Hydro	Existing		No
SOCO	AL	1THURLGEN	13.800	3	386591	8.6	8.6	n/a	Hydro	Existing		No
SOCO	FL	1CRIST 4	13.800	4	386704	75.0	75.0	Coal	Coal	Existing		No
SOCO	FL	1CRIST 5	13.800	5	386705	75.0	75.0	Coal	Coal	Existing		No
SOCO	FL	1CRIST 6	24.000	6	386706	302.0	291.0	Coal	Coal	Existing		No
SOCO	FL	1CRIST 7	20.000	7	386707	475.0	465.0	Coal	Coal	Existing		No
SOCO	FL	1SCHOLZ 1	13.800	1	386751	46.0	46.0	Coal	Coal	Existing		No
SOCO	FL	1SCHOLZ 2	13.800	2	386752	46.0	46.0	Coal	Coal	Existing		No
SOCO	FL	1LSMITH A	13.800	A	386780	32.0	0.0	Oil	Oil	Existing		No
SOCO	FL	1LSMITH 1	18.000	1	386781	162.0	162.0	Coal	Coal	Existing		No
SOCO	FL	1LSMITH 2	20.000	2	386782	195.0	195.0	Coal	Coal	Existing		No
SOCO	FL	1LSMITH 3	18.000	3	386783	224.0	224.0	Gas	CC	Existing		No
SOCO	FL	1LSMITH 3A	18.000	3A	386784	166.0	166.0	Gas	CC	Existing		No
SOCO	FL	1LSMITH 3B	18.000	3B	386785	166.0	166.0	Gas	CC	Existing		No
SOCO	MS	1SWEATT A	13.800	A	386800	32.0	0.0	Gas	CT	Existing		No
SOCO	MS	1SWEATT 1	13.800	1	386801	47.0	0.0	Gas	Gas	Existing		No
SOCO	MS	1SWEATT 2	13.800	2	386802	47.0	0.0	Gas	Gas	Existing		No
SOCO	MS	1EATON 1	12.000	1	386821	25.0	0.0	Gas	Gas	Existing		No
SOCO	MS	1EATON 2	12.000	2	386822	25.0	0.0	Gas	Gas	Existing		No
SOCO	MS	1EATON 3	12.000	3	386823	25.0	0.0	Gas	Gas	Existing		No
SOCO	MS	1CHEVRON1	13.200	1	386831	15.0	15.0	Gas	Gas	Existing		No
SOCO	MS	1CHEVRON2	13.200	2	386832	15.0	15.0	Gas	Gas	Existing		No
SOCO	MS	1CHEVRON3	13.200	3	386833	16.0	16.0	Gas	Gas	Existing		No
SOCO	MS	1CHEVRON4	13.200	4	386834	16.0	16.0	Gas	Gas	Existing		No
SOCO	MS	1CHEVRON5	13.800	5	386835	68.0	68.0	Gas	Gas	Existing		No
SOCO	MS	1WATSON A	13.800	A	386850	33.0	0.0	Gas	CT	Existing		No
SOCO	MS	1WATSON 1	13.800	1	386851	80.0	33.1	Gas	Gas	Existing		No



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SOCO	MS	1WATSON 2 13.800	2	386852	81.0	24.5	Gas	Gas	Existing		No	
SOCO	MS	1WATSON 3 13.800	3	386853	113.0	113.0	Gas	Gas	Existing		No	
SOCO	MS	1WATSON 4 20.000	4	386854	265.0	265.0	Coal	Coal	Existing		No	
SOCO	MS	1WATSON 5 24.000	5	386855	510.0	510.0	Coal	Coal	Existing		No	
SOCO	MS	1DANIEL 1 18.000	1	386871	510.0	510.0	Coal	Coal	Existing		No	
SOCO	MS	1DANIEL 2 18.000	2	386872	510.0	510.0	Coal	Coal	Existing		No	
SOCO	MS	1DANL CC1 3 18.000	3	386873	182.0	177.0	Gas	CC	Existing		No	
SOCO	MS	1DANL CC1 3A18.000	3A	386874	175.0	175.0	Gas	CC	Existing		No	
SOCO	MS	1DANL CC1 3B18.000	3B	386875	175.0	175.0	Gas	CC	Existing		No	
SOCO	MS	1DANL CC2 4 18.000	4	386876	182.0	177.0	Gas	CC	Existing		No	
SOCO	MS	1DANL CC2 4A18.000	4A	386877	175.0	175.0	Gas	CC	Existing		No	
SOCO	MS	1DANL CC2 4B18.000	4B	386878	175.0	175.0	Gas	CC	Existing		No	
SOCO	MS	1KEMP CC1 1 18.000	1	386881	268.0	268.0	Gas	CC	Planned	2015	No	Approved by State Public Service Commission
SOCO	MS	1KEMP CC1 1A18.000	1A	386882	166.0	166.0	Gas	CC	Planned	2015	No	Approved by State Public Service Commission
SOCO	MS	1KEMP CC1 1B18.000	1B	386883	166.0	166.0	Gas	CC	Planned	2015	No	Approved by State Public Service Commission
SOCO	GA	1MCINTOSH 18.000	1	389002	156.5	156.5	Coal	Coal	Existing		No	
SOCO	GA	1KRAFT3 13.800	3	389005	101.0	101.0	Coal	Coal	Existing		No	
SOCO	GA	1KRAFT4 13.800	4	389006	115.0	101.2	Gas	Gas	Existing		No	
SOCO	GA	1KRAFT1 13.800	1	389008	48.0	48.0	Coal	Coal	Existing		No	
SOCO	GA	1KRAFT2 13.800	2	389009	52.0	52.0	Coal	Coal	Existing		No	
SOCO	GA	1KRAFTCT 13.800	1	389010	17.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1BLVD1 13.800	1	389017	14.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1BLVD1 13.800	2	389017	14.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1BLVD2 13.800	3	389018	14.0	0.0	Gas	CT	Existing		No	
SOCO	GA	1MCINCT-1 13.800	1	389122	82.2	59.4	Gas	CT	Existing		No	
SOCO	GA	1MCINCT-2 13.800	2	389123	82.2	59.4	Gas	CT	Existing		No	
SOCO	GA	1MCINCT-3 13.800	3	389124	82.2	59.4	Gas	CT	Existing		No	
SOCO	GA	1MCINCT-4 13.800	4	389125	82.2	59.4	Gas	CT	Existing		No	



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SOCO	GA	1MCINCT-5	13.800	5	389126	82.2	59.4	Gas	CT	Existing		No
SOCO	GA	1MCINCT-6	13.800	6	389127	82.2	59.4	Gas	CT	Existing		No
SOCO	GA	1MCINCT-7	13.800	7	389128	82.2	59.4	Gas	CT	Existing		No
SOCO	GA	1MCINCT-8	13.800	8	389129	82.2	59.4	Gas	CT	Existing		No
SOCO	GA	1MCNTCC10 1	18.000	10	389131	278.0	278.0	Gas	CC	Existing		No
SOCO	GA	1MCNTCC10 1A	18.000	1A	389132	175.0	175.0	Gas	CC	Existing		No
SOCO	GA	1MCNTCC10 1B	18.000	1B	389133	175.0	175.0	Gas	CC	Existing		No
SOCO	GA	1MCNTCC11 1	18.000	11	389134	278.0	278.0	Gas	CC	Existing		No
SOCO	GA	1MCNTCC11 1A	18.000	1A	389135	175.0	175.0	Gas	CC	Existing		No
SOCO	GA	1MCNTCC11 1B	18.000	1B	389136	175.0	175.0	Gas	CC	Existing		No
SPP	LA	G1COLUMB	13.800	1	500205	17.7	10	ST	Exhaust Heat	Existing		
SPP	LA	HUNTER4	138.00	3	500420	47.1	45	ST	Gas	Existing		
SPP	LA	HUNTER4	138.00	4	500420	78	75	ST	Gas	Existing		
SPP	LA	G8NATCH	13.800	8	500608	6	0	ST	Gas	Existing		
SPP	LA	G8NATCH	13.800	9	500608	11.5	0	ST	Gas	Existing		
SPP	LA	G10NATCH	13.800	10	500610	25.5	0	ST	Gas	Existing		
SPP	LA	G1WKRAFT	13.800	3	500915	70	70		Exhaust Heat	Existing		
SPP	LA	G1DOLHIL	24.000	1	501801	660	650	ST	Coal	Existing		
SPP	LA	G1RODEMR	22.000	1	501811	446	426.2484	ST	Gas	Existing		
SPP	LA	G2RODEMR	22.000	1	501812	555	525	ST	Coal	Existing		
SPP	LA	G3RODEMR	22.000	1	501813	720	600	ST	Coal	Planned	1/1/2009	
SPP	LA	G1TECHE	13.800	1	501821	23	0	ST	Gas	Existing		
SPP	LA	G2TECHE	13.200	1	501822	48	0	ST	Gas	Existing		
SPP	LA	G3TECHE	24.000	1	501823	349	0	ST	Gas	Existing		
SPP	LA	TECHE_BS	13.800	1	501831	41.4	0			Existing		
SPP	LA	G1 ACAD	18.000	1	501910	265	240	CC	Gas	Existing		
SPP	LA	G1-1ACAD	18.000	1	501911	198	170	CC	Gas	Existing		
SPP	LA	G1-2ACAD	18.000	1	501912	198	170	CC	Gas	Existing		
SPP	LA	G2 ACAD	18.000	1	501920	265	0	CC	Gas	Existing		



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SPP	LA	G2-1ACAD	18.000	1	501921	198	0	CC	Gas	Existing			
SPP	LA	G2-2ACAD	18.000	1	501922	198	0	CC	Gas	Existing			
SPP	LA	G6EVAN	13.800	1	501960	114	0	CC	Gas	Existing			
SPP	LA	G6-1EVAN	23.800	1	501961	177	0	CC	Gas	Existing			
SPP	LA	G7EVAN	22.000	1	501970	243	150	CC	Gas	Existing			
SPP	LA	G7-1EVAN	23.800	1	501971	177	120	CC	Gas	Existing			
SPP	LA	G7-2EVAN	23.800	1	501972	177	120	CC	Gas	Existing			
SPP	LA	LABBE1	13.800	1	502433	50	11.0486	CT	Gas	Existing			
SPP	LA	LABBE2	13.800	1	502434	50	20	CT	Gas	Existing			
SPP	LA	HARGIS1	13.800	1	502435	50	20	CT	Gas	Existing			
SPP	LA	HARGIS2	13.800	1	502436	50	20	CT	Gas	Existing			
SPP	LA	BONIN3	20.000	1	502437	187	106	ST	Gas	Existing			
SPP	LA	BONIN2	13.800	1	502438	89	0	ST	Gas	Existing			
SPP	LA	BONIN1	13.800	1	502439	50	0	ST	Gas	Existing			
SPP	LA	MRGNCTY4	138.00	1	503301	6	0	ST	Gas	Existing			
SPP	LA	MRGNCTY4	138.00	2	503301	6	0	ST	Gas	Existing			
SPP	LA	MRGNCTY4	138.00	3	503301	20	19.8354	ST	Gas	Existing			
SPP	LA	MRGNCTY4	138.00	4	503301	36	31.3072	ST	Gas	Existing			
SPP	LA	PLAQUEM6	69.000	1	503302	44	25	ST	Gas	Existing			
SPP	LA	NEWROAD6	230.00	1	503303	9	6	CT	Gas	Existing			
SPP	LA	RAYNE 2	69.000	1	503304	6	5	CT	Gas	Existing			
SPP	LA	HOUMA 3	115.00	1	503305	84	84	ST	Gas	Existing			
SPP	AR	FITZ_CT1	1 13.800	1	503900	112	112	CC	Gas/Oil	Existing			
SPP	AR	FITZ_ST1	1 13.800	1	503901	59	59	CC	Gas/Oil	Existing			
SPP	AR	ELLIS_U1	1 4.1600	1	503905	10	5	Hydro	Hydro	Existing			
SPP	AR	ELLIS_U2	1 4.1600	1	503906	10	6	Hydro	Hydro	Existing			
SPP	AR	ELLIS_U3	1 4.1600	1	503907	10	6	Hydro	Hydro	Existing			
SPP	AR	FULTONU1	1 16.000	1	503909	153	150	CT	Gas	Existing			
SPP		ELKIN_GN	1 13.800	1	503916	20	20		Gas	Existing			



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SPP		ELKIN_GN 1 13.800	2	503916	20	0		Gas	Existing			
SPP		ELKIN_GN 1 13.800	3	503916	20	0		Gas	Existing			
SPP	MO	MALDEN 2 69.000	1	505404	17	10	CT	Gas	Existing			
SPP	AR	PIGGOTT2 69.000	1	505406	7.5	0	CT	Oil	Existing			
SPP	MO	KENNETT2 69.000	1	505408	29	9	CT	Gas	Existing			
SPP	AR	PARAGLD2 69.000	1	505414	17.5	10.2	CT	Gas	Existing			
SPP		JNSBGEN1 13.800	1	505417	27.5	17		Gas	Existing			
SPP		JNSBGEN1 13.800	2	505417	27.5	17		Gas	Existing			
SPP		JNSBGEN2 13.800	1	505419	60	29		Gas	Existing			
SPP	AR	GF #1 1 13.800	1	505424	55	52.2	Hydro	Hydro	Existing			
SPP	AR	GF #2 2 13.800	2	505426	55	52.2	Hydro	Hydro	Existing			
SPP	MO	SIKGEN 1 13.800	1	505432	235	235	ST	Coal	Existing			
SPP	MO	POP BLF2 69.000	1	505436	32	5	CT	Oil	Existing			
SPP	AR	NFK #1 1 13.800	1	505452	42.5	20	Hydro	Hydro	Existing			
SPP	AR	NFK #2 1 13.800	2	505454	42.5	20	Hydro	Hydro	Existing			
SPP	AR	BSH #1 1 13.800	1	505462	40.6	38.5	Hydro	Hydro	Existing			
SPP	AR	BSH #2 1 13.800	2	505464	40.6	38.5	Hydro	Hydro	Existing			
SPP	AR	BSH3&4 1 13.800	3	505466	40.6	38.5	Hydro	Hydro	Existing			
SPP	AR	BSH3&4 1 13.800	4	505466	40.6	38.5	Hydro	Hydro	Existing			
SPP	AR	BSH5&6 1 13.800	5	505468	45.7	43.4	Hydro	Hydro	Existing			
SPP	AR	BSH5&6 1 13.800	6	505468	45.7	43.4	Hydro	Hydro	Existing			
SPP	AR	BSH7&8 1 13.800	7	505470	45.7	43.4	Hydro	Hydro	Existing			
SPP	AR	BSH7&8 1 13.800	8	505470	45.7	43.4	Hydro	Hydro	Existing			
SPP	MO	TBR1&2 1 13.800	1	505476	55	52.2	Hydro	Hydro	Existing			
SPP	MO	TBR1&2 1 13.800	2	505476	55	52.2	Hydro	Hydro	Existing			
SPP	MO	TBR3&4 1 13.800	3	505478	55	52.2	Hydro	Hydro	Existing			
SPP	MO	TBR3&4 1 13.800	4	505478	55	52.2	Hydro	Hydro	Existing			
SPP	AR	BVR #1 1 13.800	1	505482	62.5	18.3614	Hydro	Hydro	Existing			
SPP	AR	BVR #2 1 13.800	2	505484	62.5	59.3	Hydro	Hydro	Existing			



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SPP	MO	CARTHG 2	69.000	1	505490	32	23	Hydro	Hydro	Existing			
SPP		STK #1 1	13.800	1	505500	52	49.3	Hydro	Hydro	Existing			
SPP	SPA	TRU123 1	13.800	1	505504	30	28.5	Hydro	Hydro	Existing			
SPP	SPA	TRU123 1	13.800	2	505504	30	28.5	Hydro	Hydro	Existing			
SPP	SPA	TRU123 1	13.800	3	505504	30	28.5	Hydro	Hydro	Existing			
SPP	MO	TRU456 1	13.800	4	505506	30	28.5	Hydro	Hydro	Existing			
SPP	MO	TRU456 1	13.800	5	505506	30	28.5	Hydro	Hydro	Existing			
SPP	MO	TRU456 1	13.800	6	505506	30	28.5	Hydro	Hydro	Existing			
SPP	AR	DAR1&2 1	13.800	1	505510	40.25	38.2	Hydro	Hydro	Existing			
SPP	AR	DAR1&2 1	13.800	2	505510	40.25	38.2	Hydro	Hydro	Existing			
SPP	AR	DAR3&4 1	13.800	3	505512	40.25	38.2	Hydro	Hydro	Existing			
SPP	AR	DAR3&4 1	13.800	4	505512	40.25	38.2	Hydro	Hydro	Existing			
SPP	AR	OZK1&2 1	13.800	1	505518	23	21.8	Hydro	Hydro	Existing			
SPP	AR	OZK1&2 1	13.800	2	505518	23	21.8	Hydro	Hydro	Existing			
SPP	AR	OZK345 1	13.800	3	505520	23	21.8	Hydro	Hydro	Existing			
SPP	AR	OZK345 1	13.800	4	505520	23	21.8	Hydro	Hydro	Existing			
SPP	AR	OZK345 1	13.800	5	505520	23	21.8	Hydro	Hydro	Existing			
SPP	AECI	CANNON 1	13.800	1	505540	58	55	Hydro	Hydro	Existing			
SPP	OK	WEB123 1	13.800	1	505556	23	21.8	Hydro	Hydro	Existing			
SPP	OK	WEB123 1	13.800	2	505556	23	21.8	Hydro	Hydro	Existing			
SPP	OK	WEB123 1	13.800	3	505556	23	21.8	Hydro	Hydro	Existing			
SPP	OK	FTG1&2 1	13.800	1	505562	12.5	11.9	Hydro	Hydro	Existing			
SPP	OK	FTG1&2 1	13.800	2	505562	12.5	11.9	Hydro	Hydro	Existing			
SPP	OK	FTG3&4 1	13.800	3	505564	12.5	11.9	Hydro	Hydro	Existing			
SPP	OK	FTG3&4 1	13.800	4	505564	12.5	11.9	Hydro	Hydro	Existing			
SPP	OK	TEN1&2 1	13.800	1	505568	21	10	Hydro	Hydro	Existing			
SPP	OK	TEN1&2 1	13.800	2	505568	21	10	Hydro	Hydro	Existing			
SPP	OK	EUF #1 1	13.800	1	505576	30	28.5	Hydro	Hydro	Existing			
SPP	OK	EUF #2 1	13.800	2	505578	30	28.5	Hydro	Hydro	Existing			



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SPP	OK	EU#3 1	13.800	3	505580	30	28.5	Hydro	Hydro	Existing			
SPP	OK	RSK1&2 1	13.800	1	505584	31.6	30	Hydro	Hydro	Existing			
SPP	OK	RSK1&2 1	13.800	2	505584	31.6	30	Hydro	Hydro	Existing			
SPP	OK	RSK3&4 1	13.800	3	505586	31.6	30	Hydro	Hydro	Existing			
SPP	OK	RSK3&4 1	13.800	4	505586	31.6	30	Hydro	Hydro	Existing			
SPP	TX	DEN #1 1	13.800	1	505606	35	0	Hydro	Hydro	Existing			
SPP	TX	DEN #2 1	13.800	2	505608	35	0	Hydro	Hydro	Existing			
SPP	OK	KEY1&2 1	13.800	1	505612	35	33.2	Hydro	Hydro	Existing			
SPP	OK	KEY1&2 1	13.800	2	505612	35	33.2	Hydro	Hydro	Existing			
SPP	OK	BBOW#1 1	13.800	1	505616	55	52.2	Hydro	Hydro	Existing			
SPP	OK	BBOW#2 1	13.800	2	505618	55	52.2	Hydro	Hydro	Existing			
SPP		TENGAS 1	18.000	1	506745	179.01	0	CC		Existing			
SPP		TENGAS 2	18.000	1	506746	179.01	0	CC		Existing			
SPP		TENGAS 3	18.000	1	506747	179.01	0	CC		Existing			
SPP		TENSTM 1	23.000	1	506748	400	0	CC		Existing			
SPP	TX	ESTGAS1	18.000	1	506749	178.5	100	CC		Existing			
SPP	TX	ESTGAS2	18.000	1	506750	178.5	55	CC		Existing			
SPP	TX	ESTSTM1	13.800	1	506751	128.01	0	CC		Existing			
SPP	TX	LEBROCG1	18.000	1	506752	211	165	CC		Existing			
SPP	TX	LEBROCG2	18.000	1	506753	211	165	CC		Existing			
SPP	TX	LEBROCS1	18.000	1	506754	275	0	CC		Existing			
SPP	AR	NARROWS2	69.000	1	507425	30	27	Hydro	Hydro	Existing			
SPP	TX	LONESTAR	13.200	1	508321	50	50		Gas	Existing			
SPP	OK	NMARSHL2	69.000	1	508838	5	0			Existing			
SPP		DVARANT4	138.00	1	509257	0	0			Existing			
SPP		DVARGP 4	138.00	1	509258	0	0			Existing			
SPP		ARSHILL1	14.800	1	509390	110	110		Gas	Existing			
SPP		ARSHILL2	18.000	G1	509391	198.9	170	CC		Existing			
SPP		ARSHILL3	18.000	G2	509392	198.9	169	CC		Existing			



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SPP		ARSHILL4	18.000	S1	509393	195.5	169	CC		Existing			
SPP	AR	FLINTCR1	21.000	1	509394	528	528	ST	Coal	Existing			
SPP	TX	KNOXL2-1	13.200	1	509395	30	0	ST	Gas	Existing			
SPP	TX	KNOXL3-1	13.200	1	509396	30	20	ST	Gas	Existing			
SPP	TX	KNOXL4-1	13.800	1	509397	79	75	ST	Gas	Existing			
SPP	TX	KNOXL5-1	21.000	1	509398	344	344	ST	Gas	Existing			
SPP	LA	LIEBR1-1	13.800	1	509399	22	0	ST	Gas	Existing			
SPP	LA	LIEBR2-1	13.800	1	509400	22	0	ST	Gas	Existing			
SPP	LA	LIEBR3-1	13.800	1	509401	110	108	ST	Gas	Existing			
SPP	LA	LIEBR4-1	13.800	1	509402	110	108	ST	Gas	Existing			
SPP	TX	PIRKEY 1	23.400	1	509403	675	640	ST	Lignite	Existing			
SPP	TX	WELSH1-1	18.000	1	509404	528	528	ST	Coal	Existing			
SPP	TX	WELSH2-1	18.000	1	509405	528	528	ST	Coal	Existing			
SPP	TX	WELSH3-1	18.000	1	509406	528	528	ST	Coal	Existing			
SPP	TX	WILKE1-1	20.000	1	509407	177	170	ST	Gas	Existing			
SPP	TX	WILKE2-1	21.000	1	509408	351	237.3068	ST	Gas	Existing			
SPP	TX	WILKE3-1	22.000	1	509409	351	351	ST	Gas	Existing			
SPP		MATISN-1	13.800	1	509410	86.53	72	CC		Existing			
SPP		MATISN-2	13.800	1	509411	86.53	72	CT	Gas	Existing			
SPP		MATISN-3	13.800	1	509412	86.53	72	CT	Gas	Existing			
SPP		MATISN-4	13.800	1	509413	86.53	72	CT	Gas	Existing			
SPP	AR	TURKCOAL	24.000	1	509416	713	620	ST	Coal	Planned	1/1/2009		
SPP		COVANTA1	13.800	1	509890	20	0			Existing			
SPP		NEXTERA6	230.00	1	511542	99	0			Existing			
SPP	OK	NES1-1	14.400	1	511836	130	120	CC	Gas	Existing			
SPP	OK	NES1-1A	18.000	1	511837	146	130		Gas	Existing			
SPP	OK	NES1-1B	18.000	1	511838	146	130		Gas	Existing			
SPP	OK	NES2-1	22.000	1	511839	470	440	ST	Gas	Existing			
SPP	OK	NES3-1	22.000	1	511840	475	450	ST	Coal	Existing			



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SPP	OK	NES4-1	22.000	1	511841	470	455	ST	Coal	Existing			
SPP	OK	RSS1-1	24.000	1	511842	447	410	ST	Gas	Existing			
SPP	OK	RSS2-1	22.000	1	511843	455	410	ST	Gas	Existing			
SPP	OK	RSS NG3	13.800	1	511844	85	75	CT	Gas	Existing			
SPP	OK	RSS NG4	13.800	1	511845	85	75	CT	Gas	Existing			
SPP	OK	SWS1-1	13.800	1	511846	75	75	ST	Gas	Existing			
SPP	OK	SWS2-1	13.800	1	511847	77	78	ST	Gas	Existing			
SPP	OK	SWS3-1	24.000	1	511848	311	310	ST	Gas	Existing			
SPP	OK	SWS NG4	13.800	1	511849	85	70		Gas	Existing			
SPP	OK	SWS NG5	13.800	1	511850	85	70		Gas	Existing			
SPP	OK	COM1-1	13.800	1	511851	117	110		Gas	Existing			
SPP	OK	COM2-1	13.800	1	511852	78	75		Gas	Existing			
SPP	OK	COM3-1	13.800	1	511853	78	75	CC	Gas	Existing			
SPP	OK	TPS2-1	13.800	1	511854	160	126	ST	Gas	Existing			
SPP	OK	TPS3-1	13.800	1	511855	33	0	ST	Gas	Existing			
SPP	OK	TPS3-2	13.800	C	511856	12	0		Gas	Existing			
SPP	OK	TPS3-2	13.800	D	511856	11	0		Gas	Existing			
SPP	OK	TPS3-3	13.800	E	511857	24	0		Gas	Existing			
SPP	OK	TPS4-1	13.800	1	511858	160	141	ST	Gas	Existing			
SPP	OK	WEL 4-1	13.800	1	511859	55	0	CT	Gas	Existing			
SPP	OK	WEL 5-1	13.800	1	511860	54	0	CT	Gas	Existing			
SPP	OK	WEL 6-1	13.800	1	511861	53	0	CT	Gas	Existing			
SPP	OK	OECSTM 1	18.000	1	511938	255	0	CC		Existing			
SPP	OK	OECGT1-1	18.000	1	511939	175	0	CC		Existing			
SPP	OK	OECGT1-2	18.000	1	511940	175	0	CC		Existing			
SPP	OK	OECSTM 2	18.000	1	511941	255	0	CC		Existing			
SPP	OK	OECGT2-1	18.000	1	511942	175	0	CC		Existing			
SPP	OK	OECGT2-2	18.000	1	511943	175	0	CC		Existing			
SPP	OK	KIOWA G1	18.000	1	511944	177	0	CC		Existing			



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SPP	OK	KIOWA G2	18.000	1	511945	177	0	CC		Existing			
SPP	OK	KIOWA S1	18.000	1	511946	320	0	CC		Existing			
SPP	OK	KIOWA S2	18.000	1	511947	320	0	CC		Existing			
SPP	OK	KIOWA G3	18.000	1	511948	177	0	CC		Existing			
SPP	OK	KIOWA G4	18.000	1	511949	177	0	CC		Existing			
SPP		WTH_TURB	0.5750	1	511952	120	15	WIND	WIND	Existing			
SPP	OK	COGEN G1	18.000	G	511953	183	100	CC		Existing			
SPP	OK	COGEN S1	18.000	S	511954	115	100	CC		Existing			
SPP	OK	COGEN G2	18.000	G	511955	183	100	CC		Existing			
SPP	OK	COGEN S2	18.000	S	511956	115	100	CC		Existing			
SPP	OK	COGEN G3	18.000	G	511957	183	100	CC		Existing			
SPP	OK	COGEN S3	18.000	S	511958	115	0	CC		Existing			
SPP	OK	PENSA 2	69.000	1	512628	21	14	HYDRO	HYDRO	Existing			
SPP	OK	PENSA 2	69.000	2	512628	21	0	HYDRO	HYDRO	Existing			
SPP	OK	PENSA 2	69.000	3	512628	21	0	HYDRO	HYDRO	Existing			
SPP	OK	KERR GR3	115.00	2	512634	28.5	0	HYDRO	HYDRO	Existing			
SPP	OK	KERR GR3	115.00	3	512634	28.5	0	HYDRO	HYDRO	Existing			
SPP	OK	KERR GR5	161.00	1	512635	28.5	10	HYDRO	HYDRO	Existing			
SPP	OK	KERR GR5	161.00	4	512635	28.5	0	HYDRO	HYDRO	Existing			
SPP		PENSA 5	161.00	4	512654	21	0	HYDRO	HYDRO	Existing			
SPP		PENSA 5	161.00	5	512654	21	0	HYDRO	HYDRO	Existing			
SPP		PENSA 5	161.00	6	512654	21	0	HYDRO	HYDRO	Existing			
SPP	OK	BOOMER 2	69.000	1	512663	24	0	ST	Gas	Existing			
SPP	OK	SALINA 5	161.00	1	512686	43	42.0933	PUMPED ST	PUMPED ST	Existing			
SPP	OK	SALINA 5	161.00	2	512686	43	42.0933	PUMPED ST	PUMPED ST	Existing			
SPP	OK	SALINA 5	161.00	3	512686	43	42.0933	PUMPED ST	PUMPED ST	Existing			
SPP	OK	GRDA17-1	22.800	2	512688	520	520	ST	COAL	Existing			
SPP	OK	GRDA15-1	22.800	1	512689	490	490	ST	COAL	Existing			
SPP		SALINA2	161.00	4	512711	43	43			Existing			



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SPP		SALINA2	161.00	5	512711	43	43			Existing			
SPP		SALINA2	161.00	6	512711	43	43			Existing			
SPP	OK	SO4THG	13.200	1	514729	11	0	CT	Gas	Existing			
SPP	OK	SO4THG	13.200	2	514729	8.2	0	CT	Gas	Existing			
SPP	OK	SO4THG	13.200	3	514729	11.5	0	CT	Gas	Existing			
SPP	OK	SO4THG	13.200	4	514729	12	0	CT	Gas	Existing			
SPP	OK	WOODWRDG	13.200	1	514784	11	0	CT	Gas	Existing			
SPP	OK	SOONER1G	22.000	1	514805	540	522	ST	COAL	Existing			
SPP	OK	SOONER2G	20.000	1	514806	540	524	ST	COAL	Existing			
SPP	OK	MUSTNG3G	20.900	1	514858	115.5	76	ST	GAS	Existing			
SPP	OK	MUSTNG4G	20.900	1	514859	250	193	ST	GAS	Existing			
SPP	OK	SPGCK1&2	13.800	1	514882	84	75	CT	GAS	Existing			
SPP	OK	SPGCK1&2	13.800	2	514882	84	75	CT	GAS	Existing			
SPP	OK	SPGCK3&4	13.800	1	514883	84	75	CT	GAS	Existing			
SPP	OK	SPGCK3&4	13.800	2	514883	84	0	CT	GAS	Existing			
SPP	OK	SMITH 1G	13.800	1	514890	68	65		GAS	Existing			
SPP	OK	SMITH 1S	13.800	1	514897	42	42	CC	GAS	Existing			
SPP	OK	REDBUD1S	18.000	1	514899	140	140	CC	GAS	Existing			
SPP	OK	REDBUD2S	18.000	1	514900	140	140	CC	GAS	Existing			
SPP	OK	REDBUD3S	18.000	1	514905	140	140		GAS	Existing			
SPP	OK	REDBUD1G	18.000	2	514910	160	160		GAS	Existing			
SPP	OK	REDBUD2G	18.000	2	514911	160	160		GAS	Existing			
SPP	OK	REDBUD3G	18.000	2	514912	160	160	CC	GAS	Existing			
SPP	OK	HSL 6G	17.100	1	514935	168.5	134	ST	GAS	Existing			
SPP	OK	HSL 7S	20.900	1	514936	220	211	CC	GAS	Existing			
SPP	OK	HSL 7G	13.200	1	514938	16	16		GAS	Existing			
SPP	OK	HSL 8G	22.800	1	514939	380.5	287	ST	GAS	Existing			
SPP	OK	REDBUD4S	18.000	1	514940	140	120		GAS	Existing			
SPP	OK	REDBUD4G	18.000	2	514942	160	143	CC	GAS	Existing			



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SPP	OK	HSL 9G 13.800	1	514944	45.5	42	CT	GAS	Existing			
SPP	OK	HSL 10G 13.800	1	514945	45.5	42	CT	GAS	Existing			
SPP		TINKER5G 13.800	1	514997	31	32		GAS	Existing			
SPP		TINKER5G 13.800	2	514997	31	32		GAS	Existing			
SPP	OK	MCLN 1G 18.000	1	514999	180	160	CC	GAS	Existing			
SPP	OK	MCLN 2G 18.000	1	515000	160	126	CC	GAS	Existing			
SPP	OK	SEMINL1G 20.900	1	515040	505	497.215	ST	GAS	Existing			
SPP	OK	SEMINL2G 17.100	1	515041	507.6	304	ST	GAS	Existing			
SPP	OK	SEMINL3G 20.900	1	515042	522	502	CT	GAS	Existing			
SPP	OK	MUSKOG3G 17.100	1	515220	166	161	ST	GAS	Existing			
SPP	OK	MUSKOG4G 18.000	1	515223	535	477	ST	COAL	Existing			
SPP	OK	MUSKOG5G 18.000	1	515225	525	517	ST	COAL	Existing			
SPP	OK	MUSKOG6G 24.000	1	515226	520	502	ST	COAL	Existing			
SPP	OK	AES 1G 13.800	1	515266	160	160	ST	COAL	Existing			
SPP	OK	AES 2G 13.800	1	515267	160	160	ST	COAL	Existing			
SPP		CENT 11 0.6000	1	515364	130.5	11	WIND	WIND	Existing			
SPP		TLGAWND1 34.500	1	515389	130	12	WIND	WIND	Existing			
SPP		KEENAN 1 34.500	1	515393	150	14	WIND	WIND	Existing			
SPP		OUSPRT 1 34.500	1	515397	101	9	WIND	WIND	Existing			
SPP		OGEWND11 34.500	1	515425	150	14			Existing			
SPP		OGEWND21 34.500	1	515428	150	14			Existing			
SPP		CLR_1 0.5750	1	515790	102	4	WIND	WIND	Existing			
SPP	OK	ANADRK1 13.800	1	520807	13	13	ST	Gas	Existing			
SPP	OK	ANADRK2 13.800	1	520808	13	13	ST	Gas	Existing			
SPP	OK	ANADRK3 13.800	1	520809	44	10	ST	Gas	Existing			
SPP	OK	ANADRK4 13.800	1	520811	94	91.7147	CC	Gas	Existing			
SPP	OK	ANADRK5 13.800	1	520812	94	94	CC	Gas	Existing			
SPP	OK	ANADRK6 13.800	1	520813	94	94	CC	Gas	Existing			
SPP		SLEEPING 138.00	1	520922	96	2	WIND	WIND	Existing			



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SPP	OK	HUGO1	23.400	1	520947	440	440	ST	COAL	Existing			
SPP	OK	MORLND2	18.000	1	520997	132	132	ST	Gas	Existing			
SPP	OK	MORLND3	18.000	1	520998	140	140	ST	Gas	Existing			
SPP		GENCO1 4	13.800	1	521101	50	50		Gas	Existing			
SPP		GENCO2 4	13.800	1	521102	50	50		Gas	Existing			
SPP		BLUCAN14	138.00	1	521103	74.25	22.275	WIND	WIND	Existing			
SPP		BLUCAN14	138.00	2	521103	151.2	20	WIND	WIND	Existing			
SPP		ORME1	13.800	1	521110	60	60		Gas	Existing			
SPP		ORME2	13.800	1	521111	60	60		Gas	Existing			
SPP		ORME3	13.800	1	521112	60	60		Gas	Existing			
SPP		RHWIND4	138.00	1	521116	114	34.2	WIND	WIND	Existing			
SPP		BUFBEAR2	69.000	1	521120	18.9	5.67	WIND	WIND	Existing			
SPP		BLUCAN5 4	138.00	1	521129	85	0			Existing			
SPP		MORLND4	18.000	1	521130	300	0			Existing			
SPP		HUGOTW1	23.400	1	521158	440	100			Existing			
SPP	TX	LP-MACKENZE	269.000	1	522814	40	40	CC	Gas	Existing			
SPP	TX	LP-MACKENZE	269.000	2	522814	20	20	CC	Gas	Existing			
SPP	TX	LP-MACKENZE	269.000	3	522814	20	20	CC	Gas	Existing			
SPP		LP-HOLLY	269.000	1	522866	44	44	ST	Gas	Existing			
SPP		LP-HOLLY	269.000	2	522866	46	46	ST	Gas	Existing			
SPP		LP-HOLLY	269.000	3	522866	12	12	ST	Gas	Existing			
SPP		LP-HOLLY	269.000	4	522866	15	15	ST	Gas	Existing			
SPP		LP-HOLLY	269.000	5	522866	15	15	ST	Gas	Existing			
SPP		LP-BRANDON	269.000	1	522875	20	20		Gas	Existing			
SPP		TC-TXCOUNTY	134.500	1	523087	10	1	WIND	WIND	Existing			
SPP		TC-TXCOUNTY	134.500	2	523087	10	1	WIND	WIND	Existing			
SPP		NOBLE_WND	3115.00	1	523103	240	0	WIND	WIND	Existing			
SPP		DWS_FRISCO	3115.00	1	523160	19.8	0	WIND	WIND	Existing			
SPP		SHERMAN	134.500	1	523165	10	1	WIND	WIND	Existing			



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SPP		SHERMAN 134.500	2	523165	10	1	WIND	WIND	Existing			
SPP		SPEARMAN 134.500	1	523183	10	1	WIND	WIND	Planned	1/1/2009		
SPP		HANSFORD 3115.00	1	523195	80	0	WIND	WIND	Existing			
SPP		ETTER 134.500	1	523255	10	1	WIND	WIND	Existing			
SPP		ETTER 134.500	2	523255	10	1	WIND	WIND	Existing			
SPP		VALERO 3115.00	1	523277	34.5	3.45			Existing			
SPP		MOORE_E 113.200	1	523301	10	1	WIND	WIND	Existing			
SPP		MOORE_E 113.200	2	523301	7.5	1	WIND	WIND	Existing			
SPP		MOORE_E 113.200	3	523301	7.5	1	WIND	WIND	Existing			
SPP		DUMAS_19ST 134.500	1	523317	10	1	WIND	WIND	Existing			
SPP		DUMAS_19ST 134.500	2	523317	10	1	WIND	WIND	Existing			
SPP	TX	RIVERVIEW6 113.800	1	523391	23	23	CT	Gas	Existing			
SPP	TX	HUBER_GEN 269.000	1	523421	20	20	ST	Gas	Existing			
SPP		SIDRICHARD 269.000	1	523431	20	20		Gas	Existing			
SPP	TX	BLACKHAWK1 113.800	1	523461	110	110	CT	Gas	Existing			
SPP	TX	BLACKHAWK2 113.800	1	523462	110	110	CT	Gas	Existing			
SPP		LLANO_WND 3115.00	1	523815	80	8	WIND	WIND	Existing			
SPP		CARSON_SUB 113.200	1	523923	10	1	WIND	WIND	Existing			
SPP		MAJESTC_WND3115.00	1	523926	80	0	WIND	WIND	Existing			
SPP	TX	HARRNGTON1 124.000	1	523971	347	345	ST	COAL	Existing			
SPP	TX	HARRNGTON2 124.000	1	523972	347	345	ST	COAL	Existing			
SPP	TX	HARRNGTON3 124.000	1	523973	347	341	ST	COAL	Existing			
SPP	TX	NICHOLS_1 113.800	1	524021	107	105	ST	Gas	Existing			
SPP	TX	NICHOLS_2 113.800	1	524022	106	103	ST	Gas	Existing			
SPP	TX	NICHOLS_3 122.000	1	524023	244	240	ST	Gas	Existing			
SPP		WILDORA_WND134.500	1	524285	160	16	WIND	WIND	Existing			
SPP		D-VAR A 10.4800	A	524480	0	0			Existing			
SPP		D-VAR B 10.4800	B	524481	0	0			Existing			
SPP		CAPROCK_WND134.500	1	524485	80	8			Existing			



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SPP		CAPROCK_WND134.500	DA	524485	0	0			Existing			
SPP		TUCUMCARI 113.200	1	524491	15	0		Fuel Oil	Existing			
SPP	NM	SN_JUAN_WND134.500	1	524895	120	12	WIND	WIND	Planned	1/1/2009		
SPP	TX	PLANT_X1 113.800	1	525491	47	43	ST	Gas	Existing			
SPP	TX	PLANT_X2 113.800	1	525492	102	92	ST	Gas	Existing			
SPP	TX	PLANT_X3 113.800	1	525493	103	95	ST	Gas	Existing			
SPP	TX	PLANT_X4 120.000	1	525494	189	187	ST	Gas	Existing			
SPP	TX	TOLK_1 124.000	1	525561	535	475.8854	ST	COAL	Existing			
SPP	TX	TOLK_2 124.000	1	525562	545	535	ST	COAL	Existing			
SPP	TX	TOLK_3 124.000	1	525563	548	540		COAL	Existing			
SPP	TX	TOLK_4 124.000	1	525564	548	275		COAL	Existing			
SPP		TUCO_SVC 113.000	1	525820	0	0			Existing			
SPP		ANTELOPE_A 113.800	A1	525841	9.444	9.34			Existing			
SPP		ANTELOPE_A 113.800	A2	525841	9.444	9.34			Existing			
SPP		ANTELOPE_A 113.800	A3	525841	9.444	9.34			Existing			
SPP		ANTELOPE_A 113.800	A4	525841	9.444	9.34			Existing			
SPP		ANTELOPE_A 113.800	A5	525841	9.444	9.34			Existing			
SPP		ANTELOPE_A 113.800	A6	525841	9.444	9.34			Existing			
SPP		ANTELOPE_B 113.800	B1	525842	9.444	9.34			Existing			
SPP		ANTELOPE_B 113.800	B2	525842	9.444	9.34			Existing			
SPP		ANTELOPE_B 113.800	B3	525842	9.444	9.34			Existing			
SPP		ANTELOPE_B 113.800	B4	525842	9.444	9.34			Existing			
SPP		ANTELOPE_B 113.800	B5	525842	9.444	9.34			Existing			
SPP		ANTELOPE_B 113.800	B6	525842	9.444	9.34			Existing			
SPP		ANTELOPE_C 113.800	C1	525843	9.444	9.34			Existing			
SPP		ANTELOPE_C 113.800	C2	525843	9.444	9.34			Existing			
SPP		ANTELOPE_C 113.800	C3	525843	9.444	9.34			Existing			
SPP		ANTELOPE_C 113.800	C4	525843	9.444	9.34			Existing			
SPP		ANTELOPE_C 113.800	C5	525843	9.444	9.34			Existing			



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SPP		ANTELOPE_C 113.800	C6	525843	9.444	9.34				Existing			
SPP	TX	JONES_1 122.000	1	526331	243	243	ST		Gas	Existing			
SPP	TX	JONES_2 122.000	1	526332	243	243	ST		Gas	Existing			
SPP	TX	JONES_3 122.000	1	526333	243	243			Gas	Existing			
SPP	TX	MUSTANG_2 113.800	1	527162	150	150			Gas	Existing			
SPP	TX	MUSTANG_3 122.000	1	527163	160	160	CT		Steam	Existing			
SPP	TX	MUSTANG_4 118.000	1	527164	150	150	CT		Gas	Existing			
SPP	TX	MUSTANG_5 118.000	1	527165	150	150			Gas	Existing			
SPP		EDDY_SVC 18.5000	1	527790	0	0	SVC			Existing			
SPP	MN	CUNINGHAM1 113.800	1	527881	71	71	ST		Gas	Existing			
SPP	NM	CUNINGHAM2 120.000	1	527882	196	187	ST		Gas	Existing			
SPP	NM	CUNINGHAM3 113.800	1	527883	106.6	107	CT		Gas	Existing			
SPP	NM	CUNINGHAM4 113.800	1	527884	111.4	111	CT		Gas	Existing			
SPP	TX	HOBBS_PLT1 118.000	1	527901	145	145	CC		Gas	Existing			
SPP	TX	HOBBS_PLT2 118.000	1	527902	144	144	CC		Gas	Planned	6/1/2008		
SPP	TX	HOBBS_PLT3 118.000	1	527903	213	213			Steam	Existing			
SPP	NM	CARLSBAD5 113.800	1	528171	16	11	CT		Gas	Existing			
SPP	NM	MADDOX_1 113.800	1	528361	118	118	ST		Gas	Existing			
SPP	NM	MADDOX_2 113.800	1	528362	60	60	CT		Gas	Existing			
SPP	NM	MADDOX_3 112.500	1	528363	10	0			Gas	Existing			
SPP	OK	OMRIGGS 69.000	1	529251	12.7	8.3544	CC		Gas	Existing			
SPP	OK	OMRIGGS 69.000	2	529251	34.023	24.5627	CC		Gas	Existing			
SPP	OK	OMRIGGS 69.000	3	529251	62.81	42.3869	CC		Gas	Existing			
SPP	OK	OMRIGGS 69.000	4	529251	43.87	29.6991	CC		Gas	Existing			
SPP	OK	OMKAWH 69.000	1	529252	29.618	29.7	HYDRO		HYDRO	Existing			
SPP		OMKINGF2 69.000	1	529280	8.592	0			Gas	Existing			
SPP		OMPWSK4 138.00	1	529308	6.7	0			Diesel	Existing			
SPP		OMLAVRN2 69.000	1	529341	4	0			Diesel	Existing			
SPP		OMMANGM2 69.000	1	529342	5.198	0			Gas	Existing			



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SPP		OMFAIRV2	69.000	1	529343	1.711	0		Diesel	Existing			
SPP		ATWOOD 3	115.00	1	530554	3.89	0		Diesel	Existing			
SPP		PH RUN 3	115.00	1	530559	3.7	0		Diesel/Gas	Existing			
SPP		GT BND 2	69.000	1	530570	8.98	0		Diesel/Gas	Existing			
SPP		N ELWD 2	69.000	E1	530575	1.85	1.85			Existing			
SPP		N ELWD 2	69.000	E2	530575	1.35	1.35			Existing			
SPP		N ELWD 2	69.000	E3	530575	0.4	0			Existing			
SPP		N ELWD 2	69.000	E4	530575	1	0			Existing			
SPP		N ELWD 2	69.000	E5	530575	2.9	2.8			Existing			
SPP		JETMOR 2	69.000	1	530579	3.5	1.713		Diesel	Existing			
SPP		SMKYP1G1	0.6900	1	530594	100.8	7	WIND	WIND	Existing			
SPP		SMKYP2G1	0.6900	2	530600	148.5	2	WIND	WIND	Existing			
SPP		LYONS 3	115.00	1	530620	10.5	3		Diesel/Gas	Existing			
SPP		PAWNEE 3	115.00	1	530621	14	7.977		Diesel/Gas	Existing			
SPP		ST JOHN3	115.00	1	530624	4.6	1.652		Diesel	Existing			
SPP		ST JOHN3	115.00	2	530624	3.6	1.817		Diesel	Existing			
SPP		CLBYT1 1	13.800	1	530645	13	2.2939			Existing			
SPP		CLBY34 1	34.500	2	530646	12	9.172			Existing			
SPP		GMECG1 1	13.800	1	530674	8.27	8.27			Existing			
SPP		GMECG1 1	13.800	2	530674	8.31	8.31			Existing			
SPP		GMECG1 1	13.800	3	530674	8.31	8.31			Existing			
SPP		GMECG1 1	13.800	4	530674	8.35	8.35			Existing			
SPP		GMECG1 1	13.800	5	530674	8.18	8.18			Existing			
SPP		GMECG1 1	13.800	6	530674	8.12	8.12			Existing			
SPP		GMECG2 1	13.800	7	530675	8.31	8.31			Existing			
SPP		GMECG2 1	13.800	8	530675	8.29	8.29			Existing			
SPP		GMECG2 1	13.800	9	530675	8.31	8.31			Existing			
SPP	KS	SHARNSP3	115.00	1	531358	0.9	0	CT	Diesel/Gas	Existing			
SPP	KS	SHARNSP3	115.00	2	531358	0.8	0	CT	Diesel/Gas	Existing			



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SPP	KS	SHARNSP3	115.00	3	531358	0.4	0	CT	Diesel/Gas	Existing			
SPP	KS	SHARNSP3	115.00	4	531358	0.4	0	CT	Diesel/Gas	Existing			
SPP	KS	CNORTON3	115.00	5	531366	0.88	0	CT	Diesel/Gas	Existing			
SPP	KS	CNORTON3	115.00	6	531366	1.26	0	CT	Diesel/Gas	Existing			
SPP	KS	CNORTON3	115.00	7	531366	2.38	0	CT	Diesel/Gas	Existing			
SPP	KS	CNORTON3	115.00	8	531366	3.5	0	CT	Diesel/Gas	Existing			
SPP	KS	CNORTON3	115.00	9	531366	2.54	0	CT	Diesel/Gas	Existing			
SPP	KS	JOHNSON2	69.000	1	531381	0.52	0	CT	Diesel/Gas	Existing			
SPP	KS	JOHNSON2	69.000	2	531381	0.84	0	CT	Diesel/Gas	Existing			
SPP	KS	JOHNSON2	69.000	3	531381	1.01	0	CT	Diesel/Gas	Existing			
SPP	KS	JOHNSON2	69.000	4	531381	0.22	0	CT	Diesel/Gas	Existing			
SPP	KS	JOHNSON2	69.000	5	531381	0.24	0	CT	Diesel/Gas	Existing			
SPP	KS	JOHNSON2	69.000	6	531381	1.08	0	CT	Diesel/Gas	Existing			
SPP	KS	JOHNSON2	69.000	7	531381	1.29	0	CT	Diesel/Gas	Existing			
SPP	KS	HILLCTY3	34.500	1	531387	1.1	0	CT	Diesel/Gas	Existing			
SPP	KS	HILLCTY3	34.500	2	531387	1	0	CT	Diesel/Gas	Existing			
SPP	KS	HILLCTY3	34.500	3	531387	0.5	0	CT	Diesel/Gas	Existing			
SPP	KS	HILLCTY3	34.500	4	531387	0.9	0	CT	Diesel/Gas	Existing			
SPP	KS	HILLCTY3	34.500	5	531387	1.3	0	CT	Diesel/Gas	Existing			
SPP	KS	HILLCTY3	34.500	6	531387	1.3	0	CT	Diesel/Gas	Existing			
SPP	KS	LAKIN3	34.500	1	531399	1.01	0	CT	Diesel/Gas	Existing			
SPP	KS	LAKIN3	34.500	2	531399	0.98	0	CT	Diesel/Gas	Existing			
SPP	KS	LAKIN3	34.500	3	531399	1.08	0	CT	Diesel/Gas	Existing			
SPP	KS	LAKIN3	34.500	4	531399	1.18	0	CT	Diesel/Gas	Existing			
SPP		GC3 GEN1	13.800	6	531415	10.7	0	CT	Diesel/Gas	Existing			
SPP	KS	CSTFRAN3	115.00	2	531441	0.7	0	CT	Diesel/Gas	Existing			
SPP	KS	CSTFRAN3	115.00	3	531441	0.7	0	CT	Diesel/Gas	Existing			
SPP	KS	CSTFRAN3	115.00	4	531441	2.2	0	CT	Diesel/Gas	Existing			
SPP	KS	CSTFRAN3	115.00	5	531441	0.7	0	CT	Diesel/Gas	Existing			



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SPP	KS	GOODCTY3	115.00	10	531444	1.6	0	CT	Diesel/Gas	Existing			
SPP	KS	GOODCTY3	115.00	11	531444	3	0	CT	Diesel/Gas	Existing			
SPP	KS	GOODCTY3	115.00	12	531444	0.7	0	CT	Diesel/Gas	Existing			
SPP	KS	GOODCTY3	115.00	13	531444	1	0	CT	Diesel/Gas	Existing			
SPP	KS	GOODCTY3	115.00	6	531444	1.8	0	CT	Diesel/Gas	Existing			
SPP	KS	GOODCTY3	115.00	7	531444	1.8	0	CT	Diesel/Gas	Existing			
SPP	KS	GOODCTY3	115.00	8	531444	4	0	CT	Diesel/Gas	Existing			
SPP	KS	HOLCGEN1	22.000	1	531447	384	364.0678	ST	Coal	Existing			
SPP	KS	OBERLIN3	115.00	1	531458	0.72	0	CT	Diesel/Gas	Existing			
SPP	KS	OBERLIN3	115.00	4	531458	1.11	0	CT	Diesel/Gas	Existing			
SPP	KS	OBERLIN3	115.00	5	531458	1.32	0	CT	Diesel/Gas	Existing			
SPP	KS	OBERLIN3	115.00	6	531458	1.16	0	CT	Diesel/Gas	Existing			
SPP	KS	S2 GEN 1	13.800	2	531459	97	95	ST	Gas	Existing			
SPP	KS	S3 GEN 1	13.800	3	531460	13	12	CT	Gas	Existing			
SPP	KS	S4 GEN 1	13.200	4	531461	57	56	CT	Gas	Existing			
SPP	KS	S5 GEN 1	13.200	5	531462	55	54	CT	Gas	Existing			
SPP	KS	CHUGTON2	69.000	16	531479	1.19	0	CT	Diesel/Gas	Existing			
SPP	KS	CHUGTON2	69.000	21	531479	1.9	0	CT	Diesel/Gas	Existing			
SPP	KS	CHUGTON2	69.000	22	531479	4.02	0	CT	Diesel/Gas	Existing			
SPP	KS	CHUGTON2	69.000	23	531479	3.64	0	CT	Diesel/Gas	Existing			
SPP	KS	CHUGTON2	69.000	24	531479	1.45	0	CT	Diesel/Gas	Existing			
SPP	KS	CHUGTON2	69.000	25	531479	2.03	0	CT	Diesel/Gas	Existing			
SPP	KS	CHUGTON2	69.000	26	531479	2.39	0	CT	Diesel/Gas	Existing			
SPP	KS	CHUGTON2	69.000	27	531479	0.45	0	CT	Diesel/Gas	Existing			
SPP		HOLGEN22	26.000	2	531482	600	200		COAL	Existing			
SPP	KS	CNTRLPL2	34.500	1	531486	110	11			Existing			
SPP	KS	JEC U1	26.000	1	532651	744	705	ST	COAL	Existing			
SPP	SK	JEC U2	26.000	1	532652	740	705	ST	COAL	Existing			
SPP	KS	JEC U3	26.000	1	532653	742	705	ST	COAL	Existing			



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SPP	KS	LEC U3	14.400	1	532661	59	46	ST	COAL	Existing			
SPP	KS	LEC U4	14.400	1	532662	119	105	ST	COAL	Existing			
SPP	KS	LEC U5	24.000	1	532663	394	300.5813	ST	COAL	Existing			
SPP	KS	TEC U7	14.400	1	532671	85	70	ST	COAL	Existing			
SPP	KS	TEC U8	16.000	1	532672	158	127	ST	COAL	Existing			
SPP	KS	TEC GT	13.800	1	532673	20	18	CT	Gas	Existing			
SPP	KS	TEC GT	13.800	2	532673	21	18	CT	Gas	Existing			
SPP	KS	AEC GT1	13.800	1	532681	66	66	CT	Gas	Existing			
SPP	KS	HEC U4	18.000	1	532694	191	165	ST	Gas	Existing			
SPP	KS	HEC GT1	13.800	1	532695	52	51	CC	Gas	Existing			
SPP	KS	HEC GT2	13.800	1	532696	50	50	CT	Gas	Existing			
SPP	KS	HEC GT3	13.800	1	532697	52	45	CT	Gas	Existing			
SPP	KS	HEC GT4	13.800	1	532698	78	45	CT	Diesel	Existing			
SPP	KS	MCPHGT1	13.800	1	532702	51	51	CT	Gas	Existing			
SPP	KS	MCPHGT2	13.800	1	532703	52	52	CT	Gas	Existing			
SPP	KS	MCPHGT3	13.800	1	532704	50	50	CT	Gas	Existing			
SPP	KS	MCPHGT4	13.800	1	532705	79	79	CT	Gas	Existing			
SPP		NEC U3	12.000	1	532711	67	0		Gas	Existing			
SPP	KS	EEC U1	16.000	1	532721	151	150	CT	Gas	Existing			
SPP	KS	EEC U2	24.000	1	532722	383	370	CT	Gas	Existing			
SPP	KS	EEC GT1	13.800	1	532723	80	80		Gas	Existing			
SPP	KS	EEC GT2	13.800	1	532724	80	80	ST	Gas	Existing			
SPP	KS	EEC GT3	18.000	1	532725	154	150	CT	Gas	Existing			
SPP		ELKRVR11	34.000	1	532727	75	23			Existing			
SPP		ELKRVR12	34.000	1	532728	75	23			Existing			
SPP		EVAN SVC	8.0000	1	532729	0	0	SVC		Existing			
SPP	KS	GEC U2	12.500	1	532732	74	63		Gas	Existing			
SPP	KS	GEC U3	14.400	1	532733	112	90	ST	Gas	Existing			
SPP	KS	GEC U4	14.400	1	532734	106	95		Gas	Existing			



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SPP		GILL SVC	8.0000	1	532739	0	0	SVC		Existing			
SPP	KS	EMPEC121	13.800	1	532740	61	48	CT		Planned	5/1/2008		
SPP	KS	EMPEC121	13.800	2	532740	61	48	CT		Planned	5/1/2008		
SPP	KS	EMPEC341	13.800	3	532741	61	48	CT		Planned	5/1/2008		
SPP	KS	EMPEC341	13.800	4	532741	61	48	CT		Planned	5/1/2008		
SPP	KS	EMPEC5 1	18.000	5	532742	189	160	CT		Planned	1/1/2009		
SPP	KS	EMPEC6 1	18.000	6	532743	189	160	CT		Planned	1/1/2009		
SPP	KS	EMPEC7 1	18.000	7	532744	189	160	CT		Planned	1/1/2009		
SPP	KS	WCGS U1	25.000	1	532751	1235.8	1213	NUCLEAR	NUCLEAR	Existing			
SPP	KS	OXFORD 4	138.00	1	532982	1.5	1.5	CT	OIL	Existing			
SPP	KS	OXFORD 4	138.00	2	532982	1.5	1.5	CT	OIL	Existing			
SPP	KS	WACO 4	138.00	1	533072	30	29.967	CT	GAS	Existing			
SPP		CIRCLVL3	115.00	10	533152	2.08	2			Existing			
SPP		CIRCLVL3	115.00	11	533152	2.414	2.4			Existing			
SPP		CIRCLVL3	115.00	12	533152	3.218	3.2			Existing			
SPP		CIRCLVL3	115.00	13	533152	3.218	3.2			Existing			
SPP		CIRCLVL3	115.00	6	533152	1.75	1.6			Existing			
SPP		CIRCLVL3	115.00	7	533152	2.75	1.6			Existing			
SPP		CIRCLVL3	115.00	8	533152	4.3	4.25			Existing			
SPP		CIRCLVL3	115.00	9	533152	2.08	2			Existing			
SPP		NTHLAND3	115.00	1	533169	4.8	4.5			Existing			
SPP		6TH ST 3	115.00	1	533264	0.17	0.17	Hydro	Hydro	Existing			
SPP		6TH ST 3	115.00	2	533264	0.2	0.2	Hydro	Hydro	Existing			
SPP		6TH ST 3	115.00	3	533264	0.15	0.15	Hydro	Hydro	Existing			
SPP		6TH ST 3	115.00	4	533264	0.18	0.18	Hydro	Hydro	Existing			
SPP		6TH ST 3	115.00	5	533264	0.2	0.2	Hydro	Hydro	Existing			
SPP		6TH ST 3	115.00	6	533264	0.2	0.2	Hydro	Hydro	Existing			



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SPP		6TH ST 3	115.00	7	533264	0.2	0.2	Hydro		Existing			
SPP		CLAYCTR3	115.00	1	533323	0.9	0.225			Existing			
SPP		CLAYCTR3	115.00	2	533323	2.05	2			Existing			
SPP		CLAYCTR3	115.00	3	533323	5.125	5			Existing			
SPP		CLAYCTR3	115.00	4	533323	3.5	3.5			Existing			
SPP		CLAYCTR3	115.00	5	533323	3.5	3.5			Existing			
SPP		CLAYCTR3	115.00	5T	533323	3	3			Existing			
SPP		CLAYCTR3	115.00	6T	533323	5	5			Existing			
SPP		CLAYCTR3	115.00	DF	533323	6.8	0			Existing			
SPP		SENECA 3	115.00	10	533337	1.9	1.5			Existing			
SPP		SENECA 3	115.00	11	533337	2.5	2.5			Existing			
SPP		SENECA 3	115.00	12	533337	4	4			Existing			
SPP		SENECA 3	115.00	2	533337	1.1	0			Existing			
SPP		SENECA 3	115.00	3	533337	0.5	0			Existing			
SPP		SENECA 3	115.00	5	533337	1	1			Existing			
SPP		SENECA 3	115.00	6	533337	1	1			Existing			
SPP		SENECA 3	115.00	7	533337	1.8	1.7			Existing			
SPP		SENECA 3	115.00	8	533337	1.9	1.9			Existing			
SPP		SENECA 3	115.00	9	533337	1	1			Existing			
SPP		SALINA 3	115.00	1	533376	0.484	0.3			Existing			
SPP		SALINA 3	115.00	2	533376	0.696	0.6			Existing			
SPP		SALINA 3	115.00	3	533376	1.25	1			Existing			
SPP		SALINA 3	115.00	4	533376	0.7	0			Existing			
SPP		SALINA 3	115.00	5	533376	2.05	0			Existing			
SPP		SALINA 3	115.00	6	533376	3	3			Existing			
SPP		SALINA 3	115.00	7	533376	2	2			Existing			
SPP	KS	WELLING2	69.000	5	533560	20	20	CT	GAS	Existing			
SPP	KS	WELLING2	69.000	6	533560	19.5	19.5	CT	GAS	Existing			
SPP	KS	WELLING2	69.000	7	533560	2	0	CT	GAS	Existing			



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SPP	KS	WELLING2	69.000	8	533560	2	0	CT	GAS	Existing			
SPP	KS	WINFLD 2	69.000	1	533561	26.6	26.6	ST	GAS	Existing			
SPP	KS	WINFLD 2	69.000	2A	533561	1.6	1.6	ST	GAS	Existing			
SPP	KS	WINFLD 2	69.000	2B	533561	1.6	1.6	ST	GAS	Existing			
SPP	KS	WINFLD 2	69.000	T	533561	10.2	10.2	ST	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	N1	533582	6.15	6.1	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	N2	533582	3.4	3.4	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	N3	533582	2.55	2.5	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	N4	533582	6.7	6.7	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	S1	533582	0.945	0	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	S2	533582	0.45	0.4	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	S3	533582	0.9	0.5	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	S4	533582	0.795	0	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	S5	533582	1.75	0	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	S6	533582	1.9	1.3	CT	GAS	Existing			
SPP	KS	AUGUSTA2	69.000	S7	533582	1.8	0	CT	GAS	Existing			
SPP	KS	GETTY 2	69.000	1	533592	35	0	CT	GAS	Existing			
SPP	KS	BURLING2	69.000	1	533624	2	0	CT	GAS	Existing			
SPP	KS	BURLING2	69.000	2	533624	1.5	0	CT	GAS	Existing			
SPP	KS	BURLING2	69.000	5	533624	1.1	1.1	CT	GAS	Existing			
SPP	KS	BURLING2	69.000	6	533624	5.4	5.4	CT	GAS	Existing			
SPP	KS	BURLING2	69.000	7	533624	2.5	2.5	CT	GAS	Existing			
SPP	KS	CC2SHAR2	69.000	1	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2	69.000	10	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2	69.000	2	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2	69.000	3	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2	69.000	4	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2	69.000	5	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2	69.000	6	533629	2	1.998	CT	Diesel	Existing			



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SPP	KS	CC2SHAR2 69.000	7	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2 69.000	8	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	CC2SHAR2 69.000	9	533629	2	1.998	CT	Diesel	Existing			
SPP	KS	IOLA 2 69.000	1	533637	5.139	5.1	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	10	533637	7.605	7.6	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	2	533637	5.124	5.1	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	4	533637	2.695	2.6	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	5	533637	5.835	5.8	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	6	533637	2.72	1.8	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	7	533637	2.755	0	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	8	533637	2.865	0.9	CT	GAS	Existing			
SPP	KS	IOLA 2 69.000	9	533637	2.89	2.8	CT	GAS	Existing			
SPP	KS	CGENSUB2 69.000	14	533662	42.8	42.8	CT	GAS	Existing			
SPP	KS	CHANP1 2 69.000	7	533663	2	2	CT	GAS	Existing			
SPP	KS	CHANP1 2 69.000	8	533663	2	1	CT	GAS	Existing			
SPP	KS	CHANP3 2 69.000	9	533665	7.2	7	CT	OIL	Existing			
SPP	KS	CHANP3 2 69.000	10	533665	7.2	7	CT	OIL	Existing			
SPP	KS	CHANP3 2 69.000	11	533665	7.4	7	CT	OIL	Existing			
SPP	KS	CHANP3 2 69.000	12	533665	6	2	CT	OIL	Existing			
SPP	KS	CHANP3 2 69.000	13	533665	6	0	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	1	533692	0.767	0	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	2	533692	1.368	0	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	3	533692	1.361	1.099	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	4	533692	2.496	2.497	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	5	533692	0.897	0	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	6	533692	0.915	0	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	7	533692	0.654	0	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	8	533692	0.916	0	CT	OIL	Existing			
SPP	KS	FREDON 2 69.000	9	533692	0.92	0	CT	OIL	Existing			



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SPP	KS	NEODESH2 69.000	5	533699	1	0.999	CT	OIL	Existing			
SPP	KS	NEODESH2 69.000	6	533699	1.5	1.498	CT	OIL	Existing			
SPP	KS	NEODESH2 69.000	7	533699	2	1.998	CT	OIL	Existing			
SPP	KS	ERIE 2 69.000	1	533760	20	19.978	CT	OIL	Existing			
SPP	KS	ERIE 2 69.000	4	533760	1.03	0	CT	OIL	Existing			
SPP	KS	ERIE 2 69.000	5	533760	1.5	0.4	CT	OIL	Existing			
SPP	KS	ERIE 2 69.000	6	533760	1.5	1	CT	OIL	Existing			
SPP	KS	ERIE 2 69.000	7	533760	1.5	1	CT	OIL	Existing			
SPP	KS	ERIE 2 69.000	EE	533760	1	0	CT	OIL	Existing			
SPP	KS	GIRARD 2 69.000	1	533761	1.4	0.7	CT	GAS	Existing			
SPP	KS	GIRARD 2 69.000	4	533761	2	2	CT	GAS	Existing			
SPP	KS	GIRARD 2 69.000	6	533761	3.5	3.2	CT	GAS	Existing			
SPP	KS	GIRARD 2 69.000	7	533761	3.8	3.8	CT	GAS	Existing			
SPP		SHEFFLD2 69.000	1	533774	1.6	1.6			Existing			
SPP	KS	MULVANE2 69.000	1	533821	0.4	0	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	10	533821	4.1	4.1	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	2	533821	0.3	0.2	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	3	533821	1.4	1.4	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	4	533821	1.39	0	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	5	533821	0.8	0	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	6	533821	2.1	2.1	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	7	533821	0.6	0	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	8	533821	0.6	0	CT	OIL	Existing			
SPP	KS	MULVANE2 69.000	9	533821	4.1	4.1	CT	OIL	Existing			
SPP		FLATRDG1 34.500	1	539630	110	11			Existing			
SPP		MRWYG21 34.500	1	539633	110	11	WIND	WIND	Existing			
SPP		MRWYG11 34.500	1	539636	110	31	WIND	WIND	Existing			
SPP	KS	CIM-PLT1 13.800	1	539653	58	57	ST	GAS	Existing			
SPP	KS	CIM-PLT1 13.800	2	539653	14	14	ST	GAS	Existing			



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SPP	KS	CLIFTON1	13.800	1	539655	70	69	CT	Gas/Oil	Existing			
SPP	KS	GRTBEND1	13.800	3	539677	93	93	ST	Gas/Oil	Existing			
SPP		HAGGARD1	34.500	1	539712	0	0	WIND	WIND	Existing			
SPP		FTDDGDV1	34.500	1	539715	0	0			Existing			
SPP		E-LIBER1	34.500	1	539716	0	0			Existing			
SPP	KS	PLAINV1	34.500	1	539725	0	0	CT	GAS	Existing			
SPP	KS	PLAINV1	34.500	2	539725	5.2	0	CT	GAS	Existing			
SPP		GPEWIND1	34.500	1	539752	100.5	38			Existing			
SPP		GC-WIND2	34.500	1	539767	110	36	WIND	WIND	Existing			
SPP	MO	SIBLEY#3	22.000	3	541151	400.6	254.0316	ST	COAL	Existing			
SPP	MO	SIBLEY#2	13.200	2	541152	53.6	52	ST	COAL	Existing			
SPP	MO	SIBLEY#1	13.200	1	541153	53.9	52	ST	COAL	Existing			
SPP	MO	GRNWD#1	13.200	1	541155	60	60	CT	Gas/Oil	Existing			
SPP	MO	GRDWD#2	13.200	2	541156	60	60	CT	Gas/Oil	Existing			
SPP	MO	GRNWD#3	13.200	3	541157	58	58	CT	Gas/Oil	Existing			
SPP	MO	GRNWD#4	13.200	4	541158	60	60	CT	Gas/Oil	Existing			
SPP	MO	NEVADA#1	13.200	1	541159	20	20	CT	OIL	Existing			
SPP		TWA#1	13.000	1	541160	16.7	0		GAS	Existing			
SPP		TWA#2	13.000	1	541161	16.9	0		GAS	Existing			
SPP	MO	ARIESSTG	18.000	1	541162	265	0		GAS	Existing			
SPP	MO	ARIESCT1	18.000	1	541163	165	0		GAS	Existing			
SPP	MO	ARIESCT2	18.000	1	541164	165	0	CC	GAS	Existing			
SPP	MO	S.HARP#1	13.800	1	541165	105	105	CT	GAS	Existing			
SPP	MO	S.HARP#2	13.800	2	541166	105	105	CT	GAS	Existing			
SPP	MO	S.HARP#3	13.800	3	541167	105	105	CT	GAS	Existing			
SPP	MO	LAKE RD5	161.00	4	541255	97.4	97	ST	COAL	Existing			
SPP	MO	HAW G5 1	22.000	5	542951	563	563	ST	COAL	Existing			
SPP	MO	MONTG1 1	22.000	1	542952	170	140	ST	COAL	Existing			
SPP	MO	MONTG2 1	22.000	2	542953	164	140	ST	COAL	Existing			



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SPP	MO	MONTG3 1	18.000	3	542954	176	134.3049	ST	COAL	Existing			
SPP	KS	LAC G1 1	22.000	1	542955	724	724	ST	COAL	Existing			
SPP	KS	LAC G2 1	24.000	2	542956	668	660	ST	COAL	Existing			
SPP	MO	IAT G1 1	24.000	1	542957	706	706	ST	COAL	Existing			
SPP	MO	NE CT11	13.800	1	542958	50	45	CT	OIL	Existing			
SPP	MO	NE CT12	13.800	1	542959	50	45	CT	OIL	Existing			
SPP	MO	HAWCT6 1	16.000	6	542961	136	136	CC	Gas	Existing			
SPP	MO	IAT G2 1	25.000	2	542962	850	850	ST	Coal	Planned	1/1/2009		
SPP	MO	HAWCT7 1	13.800	7	542963	75	60	CT	GAS	Existing			
SPP	MO	HAWCT8 1	13.800	8	542964	76	60	CT	GAS	Existing			
SPP	MO	HAW G9 1	13.800	9	542967	130	130		GAS	Existing			
SPP	MO	NE CT13	13.800	1	542970	56	0	CT	OIL	Existing			
SPP	MO	NE CT14	13.800	1	542971	58	0	CT	OIL	Existing			
SPP	MO	NE CT15	13.800	1	542974	58	0	CT	OIL	Existing			
SPP	MO	NE CT16	13.800	1	542975	58	0	CT	OIL	Existing			
SPP	MO	NE CT17	13.800	1	542983	59	0	CT	OIL	Existing			
SPP	MO	NE CT18	13.800	1	542984	58	0	CT	OIL	Existing			
SPP	KS	GARDNER5	161.00	1	543056	11	0	CT	GAS	Existing			
SPP	MO	CTY HIG2	69.000	1	543098	36	0	CT	GAS	Existing			
SPP	KS	WG CT 1	13.800	1	543106	77	60	CT	GAS	Existing			
SPP	KS	WG CT 2	13.800	2	543107	77	60	CT	GAS	Existing			
SPP	KS	WG CT 3	13.800	3	543108	77	60	CT	GAS	Existing			
SPP	KS	WG CT 4	13.800	4	543109	77	60	CT	GAS	Existing			
SPP	KS	QGEN1 1	13.800	1	546697	96	74.4	ST	COAL	Existing			
SPP	KS	QGEN2 1	15.000	1	546698	175	135.9686	ST	COAL	Existing			
SPP	KS	QCT1 1	13.800	1	546699	19	0	CT	OIL	Existing			
SPP	KS	QCT2 1	13.800	1	546700	62	55	CT	GAS	Existing			
SPP	KS	QCT3 1	13.800	1	546701	62	41	CT	GAS	Existing			
SPP	KS	NMGEN N1	20.000	1	546702	235	235	ST	COAL	Existing			



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SPP		KAW GEN1	13.800	1	546704	92	0		COAL	Existing			
SPP		KAW GEN2	13.800	1	546705	92	0		COAL	Existing			
SPP		KAW GEN3	13.800	1	546706	90	0		COAL	Existing			
SPP	KS	NM CT4 1	15.000	1	546723	80	55	CT	GAS	Existing			
SPP	KS	R12G4531	13.800	1	547642	155	155.003	CT	GAS	Planned	4/1/2007		
SPP	KS	R13G167	13.800	1	547643	58	56		GAS	Existing			
SPP	KS	R7G167 1	13.200	1	547644	38	38	ST	COAL	Existing			
SPP	KS	R8G167 1	13.200	1	547645	53	52.8211	ST	COAL	Existing			
SPP	KS	R9G167 1	13.200	1	547646	14	0	CT	GAS	Existing			
SPP		R10G1671	13.200	1	547647	20	0		GAS	Existing			
SPP		R10G1671	13.200	2	547647	16	0		GAS	Existing			
SPP	MO	OZD312 1	4.6000	1	547648	4.5	4	HYDRO	HYDRO	Existing			
SPP	MO	OZD312 1	4.6000	2	547648	4.5	4	HYDRO	HYDRO	Existing			
SPP	MO	OZD312 1	4.6000	3	547648	4.5	4	HYDRO	HYDRO	Existing			
SPP	MO	OZD312 1	4.6000	4	547648	4.5	4	HYDRO	HYDRO	Existing			
SPP	MO	A1G349 1	13.800	1	547649	191	185.004	ST	COAL	Existing			
SPP	MO	A2G349 1	13.800	1	547650	20	0	ST	COAL	Existing			
SPP	MO	L1G382 1	13.200	1	547651	86	80.002	CT	GAS	Existing			
SPP	MO	L2G382 1	13.200	1	547652	85	80.002	CT	GAS	Existing			
SPP	MO	L3G3821	18.000	1	547653	50	50.001	CT	GAS	Existing			
SPP	MO	L4G3821	18.000	1	547654	50	50.001	CT	GAS	Existing			
SPP		S1G439 1	13.200	1	547655	95	81.002	CT	GAS	Existing			
SPP		S2G439 1	18.000	1	547656	150	150.003	CT	GAS	Existing			
SPP		S3G439 1	18.000	1	547657	150	150.003		GAS	Existing			
SPP		S4G439 1	18.000	1	547658	200	200.004	CC		Existing			
SPP	MO	SUB I-13B1	13.800	G3	548700	19	19	CT	OIL	Existing			
SPP	MO	SUB I-13B2	13.800	G4	548701	19	19	CT	OIL	Existing			
SPP	MO	SUB H-13B1	13.800	G5	548702	19	19	CT	GAS	Existing			
SPP	MO	SUB H-13B2	13.800	G6	548703	20	20	CT	GAS	Existing			



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SPP	MO	SUB J-13B1 13.800	G1	548704	15	0	CT	OIL	Existing			
SPP	MO	SUB J-13B2 13.800	G2	548705	15	0	CT	OIL	Existing			
SPP	MO	BLUVLY 69.000	1	548806	21	20.1479	CT	Coal/Gas/Oil	Existing			
SPP	MO	BLUVLY 69.000	2	548806	21	20.1479	CT	Coal/Gas/Oil	Existing			
SPP	MO	BLUVLY 69.000	3	548806	51	48.9306	CT	Coal/Gas/Oil	Existing			
SPP	MO	BLUVLY 69.000	4	548806	50	47.9712	CT	Coal/Gas/Oil	Existing			
SPP	MO	MOCTYG1-13 13.800	1	548823	19	9		Coal/Oil	Existing			
SPP	MO	MOCTYG2-13 13.800	2	548824	19	9	ST	Coal/Oil	Existing			
SPP	MO	SWPS GEN#1 120.000	1	549890	178	178	ST	Coal/Gas	Existing			
SPP		SWPS GT 112.500	1	549891	52	0	CT	Gas/Oil	Existing			
SPP		SWPS GT 112.500	2	549891	52	0	CT	Gas/Oil	Existing			
SPP	MO	MAC GT1&2 113.800	1	549892	50	50	CT	Gas/Oil	Existing			
SPP	MO	MAC GT1&2 113.800	2	549892	50	50	CT	Gas/Oil	Existing			
SPP	MO	SWPS GEN#2 120.000	2	549893	275	275	ST	Coal/Gas	Planned	1/1/2009		
SPP		MAC GT3&4 113.800	1	549894	50	50		Coal/Gas/Oil	Existing			
SPP		MAC GT3&4 113.800	2	549894	50	50		Coal/Gas/Oil	Existing			
SPP	MO	JRPS GEN#1 113.800	1	549895	21	21	ST	Coal/Gas	Existing			
SPP	MO	JRPS GEN#2 113.800	2	549896	21	21	ST	Coal/Gas	Existing			
SPP	MO	JRPS GEN#3 113.800	3	549897	41	41	ST	Coal/Gas	Existing			
SPP	MO	JRPS GEN#4 113.800	4	549898	56	56	ST	Coal/Gas	Existing			
SPP	MO	JRPS GEN#5 113.800	5	549899	97	77.9775	ST	Coal/Gas	Existing			
SPP	MO	JRPS GT1 113.800	1	549900	75	75	CT	Gas/Oil	Existing			
SPP	MO	JRPS GT2 113.800	2	549901	80	80	CT	Gas/Oil	Existing			
SPP	MO	MAIN STREET 113.200	1	549903	12	0	CT	OIL	Existing			
SPP		NHWY13GEN1 113.200	1	549950	3	3			Existing			
SPP	NE	CANADY1G 13.800	1	640005	125	0	ST	Gas/Oil	Existing			
SPP	NE	COLMBS1G 13.800	1	640006	15	15	HYDRO	HYDRO	Existing			
SPP	NE	COLMBS2G 13.800	2	640007	15	15	HYDRO	HYDRO	Existing			
SPP	NE	COLMBS3G 13.800	3	640008	15	15	HYDRO	HYDRO	Existing			



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SPP	NE	COOPER1G	22.000	1	640009	874.4	782.4	NUCLEAR	NUCLEAR	Existing			
SPP	NE	GENTLM1G	23.000	1	640010	719	706	ST	Coal	Existing			
SPP	NE	GENTLM2G	24.000	2	640011	732	1049.721	ST	Coal	Existing			
SPP	NE	HEBRON G	13.800	1	640012	52	0	CT	Gas/Oil	Existing			
SPP	NE	JEFFREYG	6.9000	1	640013	18	18	HYDRO	HYDRO	Existing			
SPP	NE	JOHN.1 G	6.9000	1	640014	19	18	HYDRO	HYDRO	Existing			
SPP	NE	JOHN.2 G	6.9000	2	640015	19	18	HYDRO	HYDRO	Existing			
SPP	NE	KINGSLYG	13.800	1	640016	50	33	HYDRO	HYDRO	Existing			
SPP	NE	MCCOOK G	13.800	1	640017	51	0	CT	Gas/Oil	Existing			
SPP	NE	N.PLATTG	13.800	1	640018	24	24	HYDRO	HYDRO	Existing			
SPP	NE	SHELDN1G	13.800	1	640019	121	114.5	ST	COAL	Existing			
SPP	NE	SHELDN2G	13.800	2	640020	136	115.051	ST	COAL	Existing			
SPP	NE	HALLAM3G	13.800	3	640021	52	0	CT	Gas/Oil	Existing			
SPP	NE	BPS GT1G	13.800	1	640022	80	70	CC	Gas	Existing			
SPP	NE	BPS GT2G	13.800	2	640023	80	70		Gas	Existing			
SPP	NE	BPS ST3G	13.800	3	640024	90	55		Gas	Existing			
SPP		AINSWDDG	34.500	D	640025	0	0	AMSC D-VAR		Existing			
SPP		AINSWD1W	0.6000	1	640026	60	12	WIND	WIND	Existing			
SPP		COLCOG1G	13.800	1	640028	75	75		Coal	Existing			
SPP		AINSWRT8	69.000	1	640052	2.1	0		Oil	Existing			
SPP	NE	AUBURN 8	69.000	1	640062	18.5	0	CT	GAS	Existing			
SPP	NE	BROKENBG	69.000	1	640090	8.3	8.3	CT	Gas/Oil	Existing			
SPP	NE	CRETE G	34.500	1	640154	15.7	15.7	CT	Gas/Oil	Existing			
SPP	NE	DAVIDCYG	34.500	1	640158	8.8	0	CT	Gas/Oil	Existing			
SPP	NE	EMERSONG	69.000	1	640164	12	0	CT	Oil	Existing			
SPP	NE	FAIRBRYG	34.500	1	640170	11	10.1	ST	Gas	Existing			
SPP	NE	FAIRBRYG	34.500	2	640170	4.3	0	ST	Gas	Existing			
SPP		GENOA G	34.500	1	640182	4	0	HYDRO	HYDRO	Existing			
SPP	NE	ORD G	34.500	1	640309	3	0	CT	Oil	Existing			



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SPP	NE	ORD G 34.500	2	640309	11.9	0	CT	Oil	Existing			
SPP	NE	W.POINTG 34.500	1	640401	7.4	0	CT	GAS	Existing			
SPP	NE	WAHOO G 34.500	1	640403	10	0	CT	GAS	Existing			
SPP		ELKRDG1W 1.0000	1	640418	81	16	WIND	WIND	Existing			
SPP		ELKRDG1D 34.500	D	640419	0	0	AMSC D-VAR		Existing			
SPP		CBED 1X 34.500	1	640421	42	0	WIND	WIND	Planned			
SPP		CBED 1X 34.500	D	640421	0	0	WIND	WIND	Planned			
SPP		BROKEN1X 34.500	1	640428	80	0	WIND	WIND	Planned			
SPP		PETSBG1X 34.500	1	640431	80	0	WIND	WIND	Planned			
SPP	NE	EGY CTRG 13.800	1	641086	84	84	ST	COAL	Existing			
SPP	NE	EGYCTR2G 22.000	2	641089	232.1	232	ST	COAL	Planned	1/1/2009		
SPP	NE	D.HENRYG 34.500	1	641092	18	0	CT	gas	Existing			
SPP	NE	DENVER G 34.500	4	641094	13	13	ST	GAS	Existing			
SPP	NE	DENVER G 34.500	5	641094	24	24	ST	GAS	Existing			
SPP	NE	BURDIC2G 13.800	2	642064	22	0	ST	Gas/Oil	Existing			
SPP	NE	BURDIC3G 13.800	3	642065	54	0	ST	Gas/Oil	Existing			
SPP	NE	SUB-H G 115.00	1	642066	16.5	0	ST	Gas/Oil	Existing			
SPP	NE	SUB-H G 115.00	4	642066	14.8	0	ST	Gas/Oil	Existing			
SPP	NE	PLATTE1G 13.800	1	642067	108.4	104.4	ST	COAL	Existing			
SPP	NE	GT-2 G 13.800	2	642074	40	19	CT	GAS	Existing			
SPP	NE	GT-3 G 13.800	3	642075	40	0	CT	GAS	Existing			
SPP	NE	FT CAL1G 22.000	1	645001	582.2	582.2	NUCLEAR	NUCLEAR	Existing			
SPP	NE	NEBCTY1G 18.000	1	645011	683	683			Existing			
SPP	NE	NEBCTY2G 23.000	2	645012	738.2	738.2	ST	COAL	Planned	1/1/2009		
SPP	NE	N OMA 1G 13.800	1	645021	83.1	61.5	ST	Coal/Gas	Existing			
SPP	NE	N OMA 2G 13.800	2	645022	118.4	92.4	ST	Coal/Gas	Existing			
SPP	NE	N OMA 3G 13.800	3	645023	118.4	92.4	ST	Coal/Gas	Existing			
SPP	NE	N OMA 4G 15.000	4	645024	146.8	118.6	ST	Coal/Gas	Existing			
SPP	NE	N OMA 5G 20.000	5	645025	240.1	220.5027	ST	Coal/Gas	Existing			



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SPP	NE	SCBSD G	4.2000	1	645030	3.4	0	CT	OIL	Existing			
SPP	NE	SARPY 1G	13.800	1	645031	55.3	55.1	CT	Gas/Oil	Existing			
SPP	NE	SARPY 2G	13.800	2	645032	55.3	55.1	CT	Gas/Oil	Existing			
SPP	NE	SARPY 3G	13.800	3	645033	106	105.8	CT	Gas/Oil	Existing			
SPP	NE	SARPY 4G	13.800	4	645034	48.1	48	CT	Gas/Oil	Existing			
SPP	NE	SARPY 5G	13.800	5	645035	48.1	48	CT	Gas/Oil	Existing			
SPP	NE	CASS 1G	15.000	1	645041	161.3	161.3	CT	GAS	Existing			
SPP	NE	CASS 2G	15.000	2	645042	161.3	161.3	CT	GAS	Existing			
SPP	NE	JONES 1G	13.800	1	645051	59.3	0	CT	OIL	Existing			
SPP	NE	JONES 2G	13.800	2	645052	59.3	0	CT	OIL	Existing			
SPP		FLTWTR1W	0.5750	W	645061	60	12			Existing			
SPP	NE	TECUMSH8	69.000	1	647400	6.6	0	CT	OIL	Existing			
SPP		NCU903 8	69.000	1	647401	35.3	0		gas/oil	Existing			
SPP	NE	FREM 1G	13.800	1	647411	40	0	CT	gas/oil	Existing			
SPP	NE	FREM 6G	13.800	6	647416	18	16.5	ST	Coal/gas	Existing			
SPP	NE	FREM 7G	13.800	7	647417	23.8	21.3	ST	Coal/gas	Existing			
SPP	NE	FREM 8G	13.800	8	647418	90.8	90.8	ST	Coal/gas	Existing			
SPP	NE	S937 8	69.000	1	647937	6	6			Existing			
SPP	NE	S993 8	69.000	1	647993	19.9	0	CT	gas/oil	Existing			
SPP	NE	TBGS 1G	13.800	1	650001	27.5	24.5	CC	Steam	Existing			
SPP	NE	TBGS 2G	13.800	2	650002	48	46.3567		Gas/Oil	Existing			
SPP	NE	TBGS 3G	13.800	3	650003	48.2	44.7	CC	Gas/Oil	Existing			
SPP	NE	TBGS 4G	13.800	4	650004	48.8	44.7	CT	Gas/Oil	Existing			
SPP	NE	ROKEBY 1G	13.800	1	650091	63.5	40.701	CT	Gas/Oil	Existing			
SPP	NE	ROKEBY 2G	13.800	2	650092	87	79.7	CT	Gas/Oil	Existing			
SPP	NE	ROKEBY 3G	13.800	3	650093	90	90	CT	Gas/Oil	Existing			
SPP	NE	2&N A9	34.500	1	650330	27.8	0	CT	Gas/Oil	Existing			
SPP		SIDNEY 4	230.00	1	659134	200	20	ST	OTHER	Existing			
TVA	AL	Browns Ferry Nuclear 1		1	364001	1306	1306	Uranium	Nuclear	Existing	N/A	no	



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TVA	AL	Browns Ferry Nuclear 2	1	364002	1144	1144	Uranium	Nuclear	Existing	N/A	no	
TVA	AL	Browns Ferry Nuclear 3	1	364003	1148	1081	Uranium	Nuclear	Existing	N/A	no	
TVA	TN	Sequoyah Nuclear 1	1	364011	1210	1210	Uranium	Nuclear	Existing	N/A	no	
TVA	TN	Sequoyah Nuclear 2	1	364012	1187	1187	Uranium	Nuclear	Existing	N/A	no	
TVA	TN	Watts Bar Nuclear 1	1	364021	1204	1204	Uranium	Nuclear	Existing	N/A	no	
TVA	TN	Watts Bar Nuclear 2	2	364022	1204	1204	Uranium	Nuclear	Construction	13-Jun	no	
TVA	AL	Bellefonte Nuclear 1	1	364031	1192	1192	Uranium	Nuclear	Planned	18-Jun	no	
TVA	AL	Bellefonte Nuclear 2	1	364032	1117	0	Uranium	Nuclear	Planned	21-Jun	no	
TVA	TN	Allen Fossil 1	1	364101	265	265	Coal	Fossil	Existing	N/A	no	
TVA	TN	Allen Fossil 2	1	364102	265	265	Coal	Fossil	Existing	N/A	no	
TVA	TN	Allen Fossil 3	1	364103	265	265	Coal	Fossil	Existing	N/A	no	
TVA	TN	Bull Run Fossil 1H	1	364109	460	460	Coal	Fossil	Existing	N/A	no	
TVA	TN	Bull Run Fossil 1L	1	364110	462	462	Coal	Fossil	Existing	N/A	no	
TVA	AL	Colbert Fossil 1	1	364111	189	189	Coal	Fossil	Existing	N/A	no	
TVA	AL	Colbert Fossil 2	1	364112	189	189	Coal	Fossil	Existing	N/A	no	
TVA	AL	Colbert Fossil 3	1	364113	189	189	Coal	Fossil	Existing	N/A	no	
TVA	AL	Colbert Fossil 4	1	364114	189	189	Coal	Fossil	Existing	N/A	no	
TVA	AL	Colbert Fossil 5A	1	364115	244	244	Coal	Fossil	Existing	N/A	no	
TVA	AL	Colbert Fossil 5B	1	364116	243	243	Coal	Fossil	Existing	N/A	no	
TVA	TN	Cumberland Fossil 1HL	1	364119	621	621	Coal	Fossil	Existing	N/A	no	
TVA	TN	Cumberland Fossil 1HL	2	364119	621	621	Coal	Fossil	Existing	N/A	no	
TVA	TN	Cumberland Fossil 2HL	1	364120	628	628	Coal	Fossil	Existing	N/A	no	
TVA	TN	Cumberland Fossil 2HL	2	364120	617	617	Coal	Fossil	Existing	N/A	no	
TVA	TN	Gallatin Fossil 1	1	364121	237	237	Coal	Fossil	Existing	N/A	no	
TVA	TN	Gallatin Fossil 2	1	364122	237	237	Coal	Fossil	Existing	N/A	no	
TVA	TN	Gallatin Fossil 3	1	364123	277	277	Coal	Fossil	Existing	N/A	no	
TVA	TN	Gallatin Fossil 4	1	364124	277	277	Coal	Fossil	Existing	N/A	no	
TVA	TN	John Sevier Fossil 1	1	364131	187	0	Coal	Fossil	Existing	N/A	no	
TVA	TN	John Sevier Fossil 2	1	364132	187	0	Coal	Fossil	Existing	N/A	no	



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TVA	TN	John Sevier Fossil 3	1	364133	187	187	Coal	Fossil	Existing	N/A	no	
TVA	TN	John Sevier Fossil 4	1	364134	187	187	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 1	1	364141	98	98	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 2	1	364142	98	98	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 3	1	364143	98	98	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 4	1	364144	98	98	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 5	1	364145	116	116	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 6	1	364146	116	116	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 7	1	364147	139	139	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 8	1	364148	139	139	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 9	1	364149	139	139	Coal	Fossil	Existing	N/A	no	
TVA	TN	Johnsonville Fossil 10	1	364150	139	139	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 1	1	364151	156	156	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 2	1	364152	140	140	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 3	1	364153	140	140	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 4	1	364154	140	140	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 5	1	364155	185	185	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 6	1	364156	185	185	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 7	1	364157	185	185	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 8	1	364158	185	185	Coal	Fossil	Existing	N/A	no	
TVA	TN	Kingston Fossil 9	1	364159	199	199	Coal	Fossil	Existing	N/A	no	
TVA	KY	Paradise Fossil 1H	1	364160	342	342	Coal	Fossil	Existing	N/A	no	
TVA	KY	Paradise Fossil 1L	1	364161	342	342	Coal	Fossil	Existing	N/A	no	
TVA	KY	Paradise Fossil 2H	1	364162	329	329	Coal	Fossil	Existing	N/A	no	
TVA	KY	Paradise Fossil 2L	1	364163	329	329	Coal	Fossil	Existing	N/A	no	
TVA	KY	Paradise Fossil 3AB	1	364164	527	527	Coal	Fossil	Existing	N/A	no	
TVA	KY	Paradise Fossil 3AB	2	364164	525	525	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 1	1	364171	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 2	1	364172	140	140	Coal	Fossil	Existing	N/A	no	



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TVA	KY	Shawnee Fossil 3	1	364173	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 4	1	364174	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 5	1	364175	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 6	1	364176	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 7	1	364177	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 8	1	364178	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 9	1	364179	140	140	Coal	Fossil	Existing	N/A	no	
TVA	KY	Shawnee Fossil 10	1	364180	126	126	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 1	1	364181	108	108	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 2	1	364182	108	108	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 3	1	364183	118	118	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 4	1	364184	118	118	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 5	1	364185	108	108	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 6	1	364186	118	118	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 7H	1	364187	228	228	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 7L	1	364188	228	228	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 8A	1	364189	238	238	Coal	Fossil	Existing	N/A	no	
TVA	AL	Widows Creek Fossil 8B	1	364190	238	238	Coal	Fossil	Existing	N/A	no	
TVA	TN	Allen Turbines 1-4	1	364201	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 1-4	2	364201	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 1-4	3	364201	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 1-4	4	364201	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 5-8	5	364202	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 5-8	6	364202	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 5-8	7	364202	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 5-8	8	364202	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 9-12	1	364203	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 9-12	2	364203	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 9-12	3	364203	18	18	Gas	CT	Existing	N/A	no	



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TVA	TN	Allen Turbines 9-12	9	364203	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 13-16	1	364204	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 13-16	2	364204	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 13-16	3	364204	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbines 13-16	4	364204	18	18	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbine 17	1	364205	50	50	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbine 18	1	364206	50	50	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbine 19	1	364207	50	50	Gas	CT	Existing	N/A	no	
TVA	TN	Allen Turbine 20	1	364208	50	50	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 1	1	364211	49	49	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 2	2	364212	49	49	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 3	3	364213	49	49	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 4	4	364214	49	49	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 5	5	364215	49	49	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 6	6	364216	49	49	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 7	7	364217	49	49	Gas	CT	Existing	N/A	no	
TVA	AL	Colbert Turbine 8	8	364218	49	49	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 1	1	364221	77	77	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 2	2	364222	77	77	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 3	3	364223	77	77	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 4	4	364224	77	77	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 5	5	364225	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 6	6	364226	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 7	7	364227	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Gallatin Turbine 8	8	364228	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Gleason Turbine 1	1	364231	173	173	Gas	CT	Existing	N/A	no	
TVA	TN	Gleason Turbine 2	2	364232	173	173	Gas	CT	Existing	N/A	no	
TVA	TN	Gleason Turbine 3	3	364233	174	174	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 1	1	364241	56	56	Gas	CT	Existing	N/A	no	



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TVA	TN	Johnsonville Turbine 2	2	364242	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 3	3	364243	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 4	4	364244	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 5	5	364245	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 6	6	364246	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 7	7	364247	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 8	8	364248	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 9	9	364249	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 10	1	364250	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 11	1	364251	56	45	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 12	1	364252	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 13	1	364253	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 14	1	364254	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 15	1	364255	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 16	1	364256	56	56	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 17	1	364257	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 18	1	364258	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 19	1	364259	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Johnsonville Turbine 20	1	364260	84	84	Gas	CT	Existing	N/A	no	
TVA	MS	Kemper Turbine 1	1	364261	82	82	Gas	CT	Existing	N/A	no	
TVA	MS	Kemper Turbine 2	1	364262	82	82	Gas	CT	Existing	N/A	no	
TVA	MS	Kemper Turbine 3	1	364263	82	82	Gas	CT	Existing	N/A	no	
TVA	MS	Kemper Turbine 4	1	364264	82	82	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 1	1	364271	85	85	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 2	1	364272	85	85	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 3	1	364273	85	85	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 4	1	364274	85	85	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 5	1	364275	85	85	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 6	1	364276	85	85	Gas	CT	Existing	N/A	no	



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TVA	TN	Lagoon Creek Turbine 7	1	364277	85	85	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 8	1	364278	85	85	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 9	1	364279	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 10	1	364280	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 11	1	364281	84	84	Gas	CT	Existing	N/A	no	
TVA	TN	Lagoon Creek Turbine 12	1	364282	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 1	1	364291	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 2	1	364292	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 3	1	364293	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 4	1	364294	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 5	1	364295	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 6	1	364296	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 7	1	364297	84	84	Gas	CT	Existing	N/A	no	
TVA	KY	Marshall Turbine 8	1	364298	84	84	Gas	CT	Existing	N/A	no	
TVA	Tn	Lagoon Creek CC Turbine 1	1	364301	160	160	Gas	CC	Construction	10-Oct	no	
TVA	TN	Lagoon Creek CC Turbine 2	1	364302	160	160	Gas	CC	Construction	10-Oct	no	
TVA	TN	Lagoon Creek CC Steam Turbine	1	364303	220	220	Gas	CC	Construction	10-Oct	no	
TVA	MS	Caledonia Turbine 1	1	364311	197	197	Gas	CT	Existing	N/A	no	
TVA	MS	Caledonia Turbine 2	2	364312	197	197	Gas	CT	Existing	N/A	no	
TVA	MS	Caledonia Turbine 3	3	364313	197	197	Gas	CT	Existing	N/A	no	
TVA	TN	John Sevier CC Turbine 1	1	364321	165	165	Gas	CC	Construction	12-Jan	no	
TVA	TN	John Sevier CC Turbine 2	2	364322	165	165	Gas	CC	Construction	12-Jan	no	
TVA	TN	John Sevier CC Turbine 3	3	364323	165	165	Gas	CC	Construction	12-Jan	no	
TVA	TN	John Sevier CC Steam Turbine	4	364324	383	383	Gas	CC	Construction	12-Jun	no	
TVA	TN	Raccoon Mountain Pumped Storage 1	1	364401	413	413	Water	Hydro	Existing	N/A	no	
TVA	TN	Raccoon Mountain Pumped Storage 1	P	364401	0	0	Water	Hydro	Existing	N/A	no	
TVA	TN	Raccoon Mountain Pumped Storage 2	1	364402	413	413	Water	Hydro	Existing	N/A	no	



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TVA	TN	Raccoon Mountain Pumped Storage 2	P	364402	0	0	Water	Hydro	Existing	N/A	no	
TVA	TN	Raccoon Mountain Pumped Storage 3	1	364403	413	413	Water	Hydro	Existing	N/A	no	
TVA	TN	Raccoon Mountain Pumped Storage 3	P	364403	0	0	Water	Hydro	Existing	N/A	no	
TVA	TN	Raccoon Mountain Pumped Storage 4	1	364404	413	413	Water	Hydro	Existing	N/A	no	
TVA	TN	Raccoon Mountain Pumped Storage 4	P	364404	0	0	Water	Hydro	Existing	N/A	no	
TVA	TN	Apalachia Hydro 1	1	364421	41	41	Water	Hydro	Existing	N/A	no	
TVA	TN	Apalachia Hydro 2	1	364422	41	41	Water	Hydro	Existing	N/A	no	
TVA	GA	Blue Ridge Hydro 1	1	364423	18	18	Water	Hydro	Existing	N/A	no	
TVA	TN	Boone Hydro 1	1	364424	38	38	Water	Hydro	Existing	N/A	no	
TVA	TN	Boone Hydro 2	1	364425	38	38	Water	Hydro	Existing	N/A	no	
TVA	TN	Boone Hydro 3	1	364426	38	38	Water	Hydro	Existing	N/A	no	
TVA	TN	Chatuge Hydro 1	1	364428	14	14	Water	Hydro	Existing	N/A	no	
TVA	TN	Chickamauga Hydro 1	1	364431	35	35	Water	Hydro	Existing	N/A	no	
TVA	TN	Chickamauga Hydro 2	1	364432	35	35	Water	Hydro	Existing	N/A	no	
TVA	TN	Chickamauga Hydro 3	1	364433	35	35	Water	Hydro	Existing	N/A	no	
TVA	TN	Chickamauga Hydro 4	1	364434	35	35	Water	Hydro	Existing	N/A	no	
TVA	TN	Douglas Hydro 1	1	364435	46	46	Water	Hydro	Existing	N/A	no	
TVA	TN	Douglas Hydro 2	1	364436	46	46	Water	Hydro	Existing	N/A	no	
TVA	TN	Douglas Hydro 3	1	364437	46	46	Water	Hydro	Existing	N/A	no	
TVA	TN	Douglas Hydro 4	1	364438	46	46	Water	Hydro	Existing	N/A	no	
TVA	NC	Fontana Hydro 1	1	364439	101	101	Water	Hydro	Existing	N/A	no	
TVA	NC	Fontana Hydro 2	1	364440	101	101	Water	Hydro	Existing	N/A	no	
TVA	TN	Fontana Hydro 3	1	364441	101	101	Water	Hydro	Existing	N/A	no	
TVA	TN	Fort Loudoun Hydro 1	1	364442	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Fort Loudoun Hydro 3	3	364443	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Fort Loudoun Hydro 2	1	364444	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Fort Loudoun Hydro 4	4	364445	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Fort Patrick Henry Hydro 1-2	1	364446	20	20	Water	Hydro	Existing	N/A	no	



TVA	TN	Fort Patrick Henry Hydro 1-2	2	364446	20	20	Water	Hydro	Existing	N/A	no	
TVA	TN	Great Falls Hydro 1-2	1	364447	16	16	Water	Hydro	Existing	N/A	no	
TVA	TN	Great Falls Hydro 1-2	2	364447	20	20	Water	Hydro	Existing	N/A	no	
TVA	AL	Guntersville Hydro 1	1	364448	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Guntersville Hydro 2	1	364449	31	31	Water	Hydro	Existing	N/A	no	
TVA	AL	Guntersville Hydro 3	1	364450	30	30	Water	Hydro	Existing	N/A	no	
TVA	AL	Guntersville Hydro 4	1	364451	31	31	Water	Hydro	Existing	N/A	no	
TVA	NC	Hiwassee Hydro 1	1	364452	88	88	Water	Hydro	Existing	N/A	no	
TVA	NC	Hiwassee Hydro 2	1	364453	90	90	Water	Hydro	Existing	N/A	no	
TVA	NC	Hiwassee Hydro 2	P	364453	0	0	Water	Hydro	Existing	N/A	no	
TVA	KY	Kentucky Hydro 1	1	364456	43	43	Water	Hydro	Existing	N/A	no	
TVA	KY	Kentucky Hydro 2	1	364457	44	44	Water	Hydro	Existing	N/A	no	
TVA	KY	Kentucky Hydro 3	1	364458	44	44	Water	Hydro	Existing	N/A	no	
TVA	KY	Kentucky Hydro 4	1	364459	45	45	Water	Hydro	Existing	N/A	no	
TVA	KY	Kentucky Hydro 5	1	364460	43	43	Water	Hydro	Existing	N/A	no	
TVA	TN	Melton Hill Hydro 1	1	364461	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Melton Hill Hydro 2	1	364462	43	43	Water	Hydro	Existing	N/A	no	
TVA	TN	Nickajack Hydro 1	1	364463	31	31	Water	Hydro	Existing	N/A	no	
TVA	TN	Nickajack Hydro 2	2	364463	31	31	Water	Hydro	Existing	N/A	no	
TVA	TN	Nickajack Hydro 3	1	364464	27	27	Water	Hydro	Existing	N/A	no	
TVA	TN	Nickajack Hydro 4	2	364464	27	27	Water	Hydro	Existing	N/A	no	
TVA	TN	Norris Hydro 1	1	364465	64	64	Water	Hydro	Existing	N/A	no	
TVA	TN	Norris Hydro 2	1	364466	64	64	Water	Hydro	Existing	N/A	no	
TVA	TN	Nottely Hydro 1	1	364467	19	19	Water	Hydro	Existing	N/A	no	
TVA	TN	Ocoee 1 Hydro 1-3	1	364468	5	5	Water	Hydro	Existing	N/A	no	
TVA	TN	Ocoee 1 Hydro 1-3	2	364468	5	5	Water	Hydro	Existing	N/A	no	
TVA	TN	Ocoee 1 Hydro 1-3	3	364468	5	5	Water	Hydro	Existing	N/A	no	
TVA	TN	Ocoee 1 Hydro 4-5	1	364469	5	5	Water	Hydro	Existing	N/A	no	
TVA	TN	Ocoee 1 Hydro 4-5	2	364469	5	5	Water	Hydro	Existing	N/A	no	



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TVA	TN	Ocoee 2 Hydro 1-2	1	364470	11	11	Water	Hydro	Existing	N/A	no	
TVA	TN	Ocoee 2 Hydro 1-2	2	364470	13	13	Water	Hydro	Existing	N/A	no	
TVA	TN	Ocoee 3 Hydro 1	1	364471	36	36	Water	Hydro	Existing	N/A	no	
TVA	TN	Pickwick Hydro 1	1	364472	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Pickwick Hydro 2	1	364473	43	43	Water	Hydro	Existing	N/A	no	
TVA	TN	Pickwick Hydro 3	1	364474	43	43	Water	Hydro	Existing	N/A	no	
TVA	TN	Pickwick Hydro 4	1	364475	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Pickwick Hydro 5	1	364476	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Pickwick Hydro 6	1	364477	43	43	Water	Hydro	Existing	N/A	no	
TVA	TN	South Holston Hydro 1	1	364478	60	60	Water	Hydro	Existing	N/A	no	
TVA	TN	Tims Ford Hydro 1	1	364479	40	40	Water	Hydro	Existing	N/A	no	
TVA	TN	Watauga Hydro 1	1	364480	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Watauga Hydro 2	1	364481	35	35	Water	Hydro	Existing	N/A	no	
TVA	TN	Watts Bar Hydro 1	1	364482	39	39	Water	Hydro	Existing	N/A	no	
TVA	TN	Watts Bar Hydro 2	1	364483	39	39	Water	Hydro	Existing	N/A	no	
TVA	TN	Watts Bar Hydro 3	1	364484	39	39	Water	Hydro	Existing	N/A	no	
TVA	TN	Watts Bar Hydro 4	1	364485	39	39	Water	Hydro	Existing	N/A	no	
TVA	TN	Watts Bar Hydro 5	1	364486	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 1-2	1	364487	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 1-2	2	364487	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 3-4	1	364488	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 3-4	2	364488	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 5-6	1	364489	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 5-6	2	364489	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 7-8	1	364490	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 7-8	2	364490	39	39	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 9-11	1	364491	42	42	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 9-11	2	364491	42	42	Water	Hydro	Existing	N/A	no	
TVA	AL	Wheeler Hydro 9-11	3	364491	42	42	Water	Hydro	Existing	N/A	no	



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TVA	TN	Wilbur Hydro 1-3	1	364492	1	1	Water	Hydro	Existing	N/A	no	
TVA	TN	Wilbur Hydro 1-3	2	364492	1	1	Water	Hydro	Existing	N/A	no	
TVA	TN	Wilbur Hydro 1-3	3	364492	1	1	Water	Hydro	Existing	N/A	no	
TVA	TN	Wilbur Hydro 4	1	364493	7	7	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 1-2	1	364494	27	27	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 1-2	2	364494	27	27	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 3-4	1	364495	27	27	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 3-4	2	364495	27	27	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 5-6	1	364496	35	35	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 5-6	2	364496	35	35	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 7-8	1	364497	35	35	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 7-8	2	364497	35	35	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 9-10	1	364498	30	30	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 9-10	2	364498	30	30	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 11-12	1	364499	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 11-12	2	364499	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 13-14	1	364500	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 13-14	2	364500	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 15-16	1	364501	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 15-16	2	364501	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 17-18	1	364502	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 17-18	2	364502	29	29	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 19	1	364503	56	56	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 20	1	364504	56	56	Water	Hydro	Existing	N/A	no	
TVA	AL	Wilson Hydro 21	1	364505	56	56	Water	Hydro	Existing	N/A	no	
TVA	TN	Cherokee Hydro 1	1	364511	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Cherokee Hydro 2	2	364512	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Cherokee Hydro 3	3	364513	44	44	Water	Hydro	Existing	N/A	no	
TVA	TN	Cherokee Hydro 4	4	364514	44	44	Water	Hydro	Existing	N/A	no	



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TVA	KY	Barkley Hydro 1	1	364601	35	35	Water	Hydro	Existing	N/A	no	
TVA	KY	Barkley Hydro 2	1	364602	35	35	Water	Hydro	Existing	N/A	no	
TVA	KY	Barkley Hydro 3	1	364603	35	35	Water	Hydro	Existing	N/A	no	
TVA	KY	Barkley Hydro 4	1	364604	35	35	Water	Hydro	Existing	N/A	no	
TVA	TN	Center Hill Hydro 1	1	364605	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Center Hill Hydro 2	1	364606	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Center Hill Hydro 3	1	364607	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Cheatham Hydro 1	1	364608	12	12	Water	Hydro	Existing	N/A	no	
TVA	TN	Cheatham Hydro 2	1	364609	12	12	Water	Hydro	Existing	N/A	no	
TVA	TN	Cheatham Hydro 3	1	364610	12	12	Water	Hydro	Existing	N/A	no	
TVA	TN	Cordell Hull Hydro 1	1	364611	33	33	Water	Hydro	Existing	N/A	no	
TVA	TN	Cordell Hull Hydro 2	1	364612	33	33	Water	Hydro	Existing	N/A	no	
TVA	TN	Cordell Hull Hydro 3	1	364613	33	33	Water	Hydro	Existing	N/A	no	
TVA	TN	Dale Hollow Hydro 1	1	364614	18	18	Water	Hydro	Existing	N/A	no	
TVA	TN	Dale Hollow Hydro 2	1	364615	18	18	Water	Hydro	Existing	N/A	no	
TVA	TN	Dale Hollow Hydro 3	1	364616	18	18	Water	Hydro	Existing	N/A	no	
TVA	TN	Old Hickory Hydro 1-2	1	364617	25	25	Water	Hydro	Existing	N/A	no	
TVA	TN	Old Hickory Hydro 1-2	2	364617	25	25	Water	Hydro	Existing	N/A	no	
TVA	TN	Old Hickory Hydro 3-4	1	364618	25	25	Water	Hydro	Existing	N/A	no	
TVA	TN	Old Hickory Hydro 3-4	2	364618	25	25	Water	Hydro	Existing	N/A	no	
TVA	TN	Percy Priest Hydro 1	1	364619	30	30	Water	Hydro	Existing	N/A	no	
TVA	KY	Wolf Creek Hydro 1-2	1	364620	45	45	Water	Hydro	Existing	N/A	no	
TVA	KY	Wolf Creek Hydro 1-2	2	364620	45	45	Water	Hydro	Existing	N/A	no	
TVA	KY	Wolf Creek Hydro 3-4	1	364621	45	45	Water	Hydro	Existing	N/A	no	
TVA	KY	Wolf Creek Hydro 3-4	2	364621	45	45	Water	Hydro	Existing	N/A	no	
TVA	KY	Wolf Creek Hydro 5-6	1	364622	45	45	Water	Hydro	Existing	N/A	no	
TVA	KY	Wolf Creek Hydro 5-6	2	364622	45	45	Water	Hydro	Existing	N/A	no	
TVA	TN	Calderwood Hydro 1	1	364630	52	52	Water	Hydro	Existing	N/A	no	
TVA	TN	Calderwood Hydro 2	1	364631	52	52	Water	Hydro	Existing	N/A	no	



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TVA	TN	Calderwood Hydro 3	1	364632	52	52	Water	Hydro	Existing	N/A	no	
TVA	NC	Cheoah Hydro 1	1	364633	21	21	Water	Hydro	Existing	N/A	no	
TVA	NC	Cheoah Hydro 2	1	364634	21	21	Water	Hydro	Existing	N/A	no	
TVA	NC	Cheoah Hydro 3	1	364635	21	21	Water	Hydro	Existing	N/A	no	
TVA	NC	Cheoah Hydro 4	1	364636	21	21	Water	Hydro	Existing	N/A	no	
TVA	NC	Cheoah Hydro 5	1	364637	31	31	Water	Hydro	Existing	N/A	no	
TVA	TN	Chilhowee Hydro 1	1	364638	17	17	Water	Hydro	Existing	N/A	no	
TVA	TN	Chilhowee Hydro 2	1	364639	17	17	Water	Hydro	Existing	N/A	no	
TVA	TN	Chilhowee Hydro 3	1	364640	17	17	Water	Hydro	Existing	N/A	no	
TVA	NC	Santeetlah Hydro 1	1	364641	20	20	Water	Hydro	Existing	N/A	no	
TVA	NC	Santeetlah Hydro 2	1	364642	20	20	Water	Hydro	Existing	N/A	no	
TVA	TN	Brownsville Turbine 1	1	364701	118	118	Gas	CT	Existing	N/A	no	
TVA	TN	Brownsville Turbine 2	2	364702	118	118	Gas	CT	Existing	N/A	no	
TVA	TN	Brownsville Turbine 3	3	364703	119	119	Gas	CT	Existing	N/A	no	
TVA	TN	Brownsville Turbine 4	4	364704	119	119	Gas	CT	Existing	N/A	no	
TVA	MS	Choctaw CC Turbine 1	1	364721	210	210	Gas	CC	Existing	N/A	no	
TVA	MS	Choctaw CC Turbine 2	1	364722	210	210	Gas	CC	Existing	N/A	no	
TVA	MS	Choctaw CC Steam Turbine	1	364723	270	220	Gas	CC	Existing	N/A	no	
TVA	AL	Decatur Energy Center Turbine 1	1	364731	160	160	Gas	CC	Existing	N/A	no	
TVA	AL	Decatur Energy Center Turbine 2	1	364732	160	160	Gas	CC	Existing	N/A	no	
TVA	AL	Decatur Energy Center Turbine 3	1	364733	160	160	Gas	CC	Existing	N/A	no	
TVA	AL	Decatur Energy Center Steam Turbine	1	364734	240	240	Gas	CC	Existing	N/A	no	
TVA	MS	New Albany Turbine 1	1	364741	65	0	Gas	CT	Existing	N/A	no	
TVA	MS	New Albany Turbine 2	2	364742	65	0	Gas	CT	Existing	N/A	no	
TVA	MS	New Albany Turbine 3	3	364743	65	0	Gas	CT	Existing	N/A	no	
TVA	MS	New Albany Turbine 4	4	364744	65	0	Gas	CT	Existing	N/A	no	
TVA	MS	New Albany Turbine 5	5	364745	65	0	Gas	CT	Existing	N/A	no	
TVA	MS	New Albany Turbine 6	6	364746	65	0	Gas	CT	Existing	N/A	no	



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TVA	MS	Magnolia Turbine 1	1	364761	162	162	Gas	CC	Existing	N/A	no	
TVA	MS	Magnolia Turbine 2	1	364762	162	162	Gas	CC	Existing	N/A	no	
TVA	MS	Magnolia Turbine 3	1	364763	162	162	Gas	CC	Existing	N/A	no	
TVA	MS	Magnolia Steam Turbine 1	1	364764	128	128	Gas	CC	Existing	N/A	no	
TVA	MS	Magnolia Steam Turbine 2	1	364765	128	128	Gas	CC	Existing	N/A	no	
TVA	MS	Magnolia Steam Turbine 3	1	364766	128	128	Gas	CC	Existing	N/A	no	
TVA	AL	Morgan Energy Center Turbine 1	1	364771	160	160	Gas	CC	Existing	N/A	no	
TVA	AL	Morgan Energy Center Turbine 2	1	364772	160	160	Gas	CC	Existing	N/A	no	
TVA	AL	Morgan Energy Center Turbine 3	1	364773	160	160	Gas	CC	Existing	N/A	no	
TVA	AL	Morgan Energy Center Steam Turbine	1	364774	240	240	Gas	CC	Existing	N/A	no	
TVA	MS	Red Hills Fossil 1	1	364780	483	475	Coal	Fossil	Existing	N/A	no	
TVA	MS	Reliant CC Turbine 1	1	364781	150	0	Gas	CC	Existing	N/A	no	
TVA	MS	Reliant CC Turbine 2	1	364782	150	0	Gas	CC	Existing	N/A	no	
TVA	MS	Reliant CC Turbine 3	1	364783	150	0	Gas	CC	Existing	N/A	no	
TVA	MS	Reliant CC Steam Turbine	1	364784	289	0	Gas	CC	Existing	N/A	no	
TVA	MS	Southaven Turbine 1	1	364791	170	170	Gas	CC	Existing	N/A	no	
TVA	MS	Southaven Turbine 2	3	364792	170	170	Gas	CC	Existing	N/A	no	
TVA	MS	Southaven Turbine 3	5	364793	170	170	Gas	CC	Existing	N/A	no	
TVA	MS	Southaven Steam Turbine 1	2	364794	114	114	Gas	CC	Existing	N/A	no	
TVA	MS	Southaven Steam Turbine 2	4	364795	114	114	Gas	CC	Existing	N/A	no	
TVA	MS	Southaven Steam Turbine 3	6	364796	114	114	Gas	CC	Existing	N/A	no	
TVA	MS	Caledonia CC Turbine 1	1	364801	162	162	Gas	CC	Existing	N/A	no	
TVA	MS	Caledonia CC Steam Turbine 1	2	364802	115	115	Gas	CC	Existing	N/A	no	
TVA	MS	Caledonia CC Turbine 2	3	364803	162	162	Gas	CC	Existing	N/A	no	
TVA	MS	Caledonia CC Steam Turbine 2	4	364804	115	115	Gas	CC	Existing	N/A	no	
TVA	MS	Caledonia CC Turbine 3	5	364805	162	162	Gas	CC	Existing	N/A	no	
TVA	MS	Caledonia CC Steam Turbine 3	6	364806	115	115	Gas	CC	Existing	N/A	no	



TVA	TN	Windrock Generator	1	364915	27	0	Wind	Wind	Existing	N/A	no	
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Appendix D: Linear Transfer Analysis Results

Linear transfer analysis results are still being finalized, and formatting decisions have yet to be made. In addition, confidentiality concerns may preclude the inclusion of this data.



Appendix E: Area Interchange Tables

Duke Energy Carolinas

SERC Area 342

REGION	From Area #	From Area Name	To Area #	To Area Name	Comments	Firm	2020SUM
SERC	342	DUKE	340	CPLE	(Broad River)	X	850
SERC	342	DUKE	340	CPLE	(NCEMC#1)	X	-150
SERC	342	DUKE	340	CPLE	(NCEMC/CNS)	X	105
SERC	342	DUKE	340	CPLE	(NCEMC#2)	X	100
SERC	342	DUKE	340	CPLE	(PEC-Rowan)	X	150
SERC	342	DUKE	340	CPLE	(NCEMC/Anson)	X	-60
SERC							
SERC	342	DUKE	345	DVP	(NCEMC)	X	50
SERC							
SERC	342	DUKE	346	SOUTHERN	(Seneca)	X	-31
SERC							
SERC	342	DUKE	353	SEHA	(SEPA)	X	-155
SERC	342	DUKE	355	SETH	(SEPA)	X	-113
NET SCHEDULE						Duke Energy Carolinas	746.0



E.ON

E.ON U.S. BALANCING AUTHORITY (“LGEE”) AREA INTERCHANGE

Area (s) in the case that make up the EBA: 363

EIPC 2020 Summer Future Year Study

E.ON U.S. Balancing Authority Area Scheduled Imports/Contract Purchases:

TVA	SEPA Power	-62 MW
TVA	Warren Load on LGEE	-110 MW
BREC	BREC Load on LGEE	-11 MW
EKPC	EKPC Load on LGEE	-562 MW
DEM	DEM Load on LGEE	-6 MW
DEM	KMPA Load on LGEE	-100 MW
AMIL	KMPA Load on LGEE	-128 MW
OVEC	Clifty Creek Surplus	-163 MW

Total - 1,142 MW

E.ON U.S. Balancing Authority Area Scheduled Exports/Contract Sales:

AEP	IMPA Trimble #1	66 MW
AEP	IMPA Trimble #2	94 MW
AMIL	IMEA Trimble #1	62 MW
AMIL	IMEA Trimble #2	89 MW
EKPC	LGEE Load on EKPC	130 MW

Total 441 MW

Total Net Interchange -701 MW

Notes:

1. Positive interchange indicates an export
2. Negative interchange indicates an import



Entergy Services

ENTERGY ELECTRIC SYSTEM BALANCING AUTHORITY (“EES”) AREA INTERCHANGE

Area (s) in the case that make up the EES: 351

EIPC 2020 Summer Future Year Study

Entergy Balancing Authority Area Scheduled Imports/Contract Purchases:

SWPA	1440190 (SPA - AECC)	-100 MW
SWPA	1448044 (SPA - Thayer)	-4 MW
SWPA	1602650 (SPA - BRAZOS)	-3 MW
AEPW	1084342 (AEPW - ETEC)	-50 MW
AEPW	AEPW Load on EES	-5 MW
OKGE	1348508 (OKGE - MDEA)	-10 MW
LAGN	569011 (Big Cajun - EES)	-242 MW
LAGN	851493 (Big Cajun - SMEPA)	-13 MW
LAGN	1477069 (Big Cajun - EES)	-10 MW
TVA	850239 (TVA - MEAM)	-19 MW
TVA	1096986 (TVA Load on EES)	-30 MW
TVA	1161925 (TVA - MDEA)	-11 MW
SMEPA	810234 (SMEPA - SMEPA load)	<u>-642 MW</u>
Total		-1139 MW

Entergy Balancing Authority Area Scheduled Exports/Contract Sales:

CELE	Toledo Bend	20 MW
504	LEPA 1461442 (Mury - LEPA)	12 MW
SWPA	759196 (Blakley - SPA)	143 MW
SWPA	1024194 (White Bluff - SPA)	81 MW
SWPA	1024198 (ISES - SPA)	163 MW
SWPA	1440189 (White Bluff - SPA)	85 MW
SWPA	73884558 (PLUM - SPA)	40 MW
AEPW	759294 (ISES - AEPW)	30 MW
MIPU	1460876 (Crossroads - MIPU)	75 MW
MIPU	1460878 (Crossroads - MIPU)	75 MW
MIPU	1460879 (Crossroads - MIPU)	75 MW
MIPU	1460881 (Crossroads - MIPU)	75 MW
EMDE	1340028 (Plum Point - EDE)	50 MW
EMDE	1340029 (Plum Point - EDE)	50 MW
AECI	1340019 (Plum Point - AECI)	35 MW
DERS	DERS - Other Resources	76.1 MW
DENL	1410022 (Plum Point - DENL)	60 MW
DENL	1498120 (Plum Point - DENL)	60 MW
DENL	DENL - Other Resources	85.2 MW
WESTMEMP	1381404 (ISES - WMUC)	17 MW
WESTMEMP	1381406 (White Bluff - WMUC)	17 MW
WESTMEMP	1470484 (Plum Point - WMUC)	20 MW



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CONWAY	1381398 (White Bluff - CNWY)	34 MW
CONWAY	1381400 (ISES - CNWY)	34 MW
CONWAY	1498129 (Plum Point - CNWY)	50 MW
CONWAY	City of Conway - Other Resources	86.4 MW
BUBA	1498122 (Plum Point - BUBA)	30 MW
BUBA	City of Benton - Other Resources	63.5 MW
SMEPA	1139982 Grand Gul.f - SMEPA load)	125 MW
SMEPA	1406786 (Plum Point - SMEPA load)	100 MW
SMEPA	1408199 (Plum Point - SMEPA load)	<u>100 MW</u>
Total		1967.2 MW



Independent Electricity System Operator (IESO)

ONTARIO BALANCING AUTHORITY (“IESO”) AREA INTERCHANGE

Area (s) in the case that make up the IESO: 103

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Transmission service is not sold in Ontario; transactions at the interties are scheduled based on economic merit. Access to transmission is via the energy market. Resources that clear the market are allowed to flow.

Ontario Balancing Authority Area Scheduled Imports/Contract Purchases:

TE	Outaouais	<u>-1250 MW</u>
Total		- 1,250 MW

Ontario Balancing Authority Area Scheduled Exports/Contract Sales:

	<u>0 MW</u>
Total	0 MW

Total Net Interchange **-1,250 MW**

Notes:

1. Positive interchange indicates an export
2. Negative interchange indicates an import

ISO New England

ISO-NE Area 101							
REGION	From Area #	From Area Name	To Area #	To Area Name	Comments	Firm	2020SUM
NPCC	101	ISO-NE	102	NYISO	NYPA Hydro Contracts	yes	-81.0
NPCC	101	ISO-NE	102	NYISO	Cross Sound HVDC Cable	no	330.0
NPCC	101	ISO-NE	104	TE	Highgate HVDC	no	-200.0
NPCC	101	ISO-NE	104	TE	Phase II HVDC	no	-1500.0
NPCC	101	ISO-NE	105	NB		no	-600.0
	101	ISO-NE			NET SCHEDULE		-2051.0

MAPPCOR



MID-CONTINENT AREA POWER POOL (“MAPP”) AREA INTERCHANGE
 Area (s) in the case that make up the MAPP: 652, 667, 680
 EIPC 2020 Summer Future Year Study

Mid-Continent Area Power Pool (MAPP) Area Scheduled Imports/Contract Purchases:

OTP	Joint Owned Unit BSP II	-99.0
MRES	MRES Gen in OTP BA	-33.0
OTP	BIG STONE GENERATION	-110.0
OTP	COYOTE GENERATION	-40.0
MRES	MRES Gen in ALTW BA	-22.0
MEC	Neal #4	-31.0
MEC	Wisdom #2	-40.0
MRES	MRES Gen in XCEL BA	-18.0
MEC	NEAL 4 GENERATION	-55.0
MEC	WAPA(Harlan)/MEC LOUISA GEN	-6.0
MEAN	HCPD(WAPA)/MEAN WEC2- Intraregional	-61.0
NPPD	GEN (NPPD/WAPA) - Intraregional	-20.0
NPPD	NPPD Loads in NPPD BA (Reduction of WAPA Firm)	-4.0
WPS	75439243 Weston 4	-150.0
WPS	76288610 Weston 4	-14.0
Total		-703 MW

Mid-Continent Area Power Pool (MAPP) Area Scheduled Exports/Contract Sales:

GRE	Supplemental Power	367.0
GRE	WAPA/GRE (CPA) #233493	86.0
GRE	WAPA/GRE (UPA) #233481	3.0
MPC	WAPA/MPC #1603	35.0
ALTW	WAPA/ALTW (CIPCO) #233579	12.0
MEC	Cornbelt	50.0
MEC	50 MW 7x16 -> 5/31/11	0.0
MEC	WAPA/MEC (CBPC) #233581	20.0
MEC	WAPA/MEC (Atlantic) #287697	8.0
MEAN	Redirect from Cooper	0.0
NPPD	Tri-State + Rushmore Co-supply	357.0
NPPD	HCPD(WAPA)/NPPD CNS- Intraregional	0.0
NPPD	WAPA/NPPD (F+P) #234276- Intraregional	436.0



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NPPD	WAPA/NPPD (RMR) #345442- Intraregional	4.0
NPPD	WAPA/NPPD (LOUP) #251005- Intraregional	15.0
GRIS	WAPA/NPPD (GRIS) #224204- Intraregional	9.0
NPPD	LOAD (WAPA/NPPD) - Intraregional	86.0
NPPD	LES WAPA Firm Delivery	56.0
NPPD	LES WAPA Firm Peaking Delivery	54.0
OPPD	WAPA/OPPD #363404- Intraregional	82.0
OPPD	WAPA/OPPD Product K Agree- Intraregional	0.0
OPPD	LOAD (WAPA/OPPD) - Intraregional	22.0
LES	Laramie River Station	182.0
SUNF	WAPA/SUNF #286879- Intraregional	7.0
XEL		375.0
MP		250.0
WPS		500.0
XEL		4.0
GRE		172.0
Total		3192 MW

Total Net Interchange **2,489 MW**

Notes:

1. Positive interchange indicates an export
2. Negative interchange indicates an import



PowerSouth Energy Cooperative

POWERSOUTH PLANNING AUTHORITY (“PPA”) AREA INTERCHANGE

Area (s) in the case that make up the PPA: 350

EIPC 2020 Summer Future Year Study

PowerSouth Planning Authority Area Scheduled Imports/Contract Purchases:

SEPA	Sales to PowerSouth	-100 MW
SEPA	Preferred Customers	-99 MW
SEPA	Sales to SMEPA	-68 MW
SOCO	Plant Miller	-114 MW
MEAG	PowerSouth Purchase	-125 MW
SOCO	Purchase from SH LFG	-5 MW
SOCO	Purchase from Yellow Pine	<u>-30 MW</u>
Total		- 541 MW

PowerSouth Planning Authority Area Scheduled Exports/Contract Sales:

SOCO	PowerSouth load on SOCO + Losses	1174 MW
SMEPA	SEPA – PS - SMEPA	<u>68 MW</u>
Total		1242 MW

Total Net Interchange 701 MW

Notes:

1. Positive interchange indicates an export
2. Negative interchange indicates an import



Progress Energy Carolinas

Progress Energy Carolinas East (CPLW) Balancing Authority Scheduled Imports/Contract Purchases:

CPLW	Transfer	-150 MW
Duke	Broad River	-850 MW
Duke	NCEMC/CNS	-105 MW
Duke	NCEMC#2	-100 MW
Duke	PEC-Rowan	-150 MW
DVP	SEPA-Kerr	-95 MW
AEP	NCEMC	-100 MW
AEP	NCEMC#2	-100 MW

Total - 1,650 MW

Progress Energy Carolinas East (CPLW) Balancing Authority Scheduled Imports/Contract Purchases:

Duke	NCEMC	150 MW
Duke	NCEMC/Anson	60 MW
DVP	NCEMPA	182 MW
DVP	Littleton	10 MW
PJM	Cravenwood	47MW

Total 449 MW

Total Net Interchange-CPLE -1,201 MW

Progress Energy Carolinas East (CPLW) Balancing Authority Scheduled Imports/Contract Purchases:

TVA	SEPA	-1 MW
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Total -1 MW

Progress Energy Carolinas East (CPLW) Balancing Authority Scheduled Exports/Contract Purchases:

CPLW	Transfer	150 MW
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Total 150 MW

Total Net Interchange-CPLW 149 MW

Notes:

1. Positive interchange indicates an export
2. Negative interchange indicates an import



Southern Company

SOUTHERN BALANCING AUTHORITY (“SBA”) AREA INTERCHANGE

Area (s) in the case that make up the SBA: 346

EIPC 2020 Summer Future Year Study

Southern Balancing Authority Area Scheduled Imports/Contract Purchases:

SEPA	Hartwell Dam	-280 MW
SEPA	Russell Dam	-258 MW
SEPA	Thurmond Dam	-143 MW
TVA	TVA Load on Southern	-187 MW
PowerSouth	PowerSouth Load on Southern	-1174 MW
SMEPA	SMEPA Load on Southern	-158 MW
Total		- 2,200 MW

Southern Balancing Authority Area Scheduled Exports/Contract Sales:

Duke	City of Seneca	31 MW
TVA	Southern Load on TVA	139 MW
PowerSouth	SEPA Sales to PowerSouth	100 MW
PowerSouth	SEPA Sales to SMEPA via PowerSouth	68 MW
PowerSouth	SEPA Preferred Customers	99 MW
PowerSouth	Plant Miller Ownership	114 MW
PowerSouth	PowerSouth Purchase from SH LFG	5 MW
PowerSouth	PowerSouth Purchase from MEAG	125 MW
PowerSouth	PowerSouth Purchase from GTC	30 MW
SMEPA	SMEPA Purchase	152 MW
FPL	Sum of Point to Point Transactions	930 MW
FPL	Scherer #4 Ownership	649 MW
FPL	GTC to FPL	13 MW
FPC	Sum of Point to Point Transactions	424 MW
JEA	Sum of Point to Point Transactions	206 MW
JEA	Scherer #4 Ownership	201 MW
Total		3,286 MW

Total Net Interchange 1,086 MW

Notes:

1. Positive interchange indicates an export
2. Negative interchange indicates an import



Tennessee Valley Authority (TVA)

TVA BALANCING AUTHORITY AREA INTERCHANGE

Area (s) in the case that make up the TVA BA: 347

EIPC 2020 Summer Future Year Study

TVA Balancing Authority Area Scheduled Imports/Contract Purchases:

SOCO	SOCO Load	-139 MW
TOTAL :		-139 MW

TVA Balancing Authority Area Scheduled Exports/Contract Sales:

CPLW	SEPA	1 MW
SOCO	TVA Load	187 MW
LGEE	SEPA	62 MW
LGEE	TVA Load	110 MW
BREC	SEPA	190 MW
EKPC	SEPA	100 MW
SIPC	SEPA	28 MW
SMEPA	SEPA	51 MW
EES	TVA Load	30 MW
EES	SEPA to MEAM	19 MW
EES	SEPA to MDEA	11 MW
TOTAL :		789 MW

Total Net Interchange 650 MW