

New or Upgraded Transmission Facilities in EIPC 2018 and 2023 Roll-Up Cases
Includes ALL new/upgraded facilities (161 kV and above) that are projected to be in-service by 2023

PA	States	From Bus #	From Bus Name	To Bus #	To Bus Name	Ckt	Voltage (kV)	Line Length (miles)	Model Year	Planning Status	Project Type	Project Description
DEC	NC	306151	6PISGAH 230.0	306159	6SHILOH 230.0	1	230	22	2018	Committed	Reliability	Conductor upgrade - Construction
DEC	NC	306151	6PISGAH 230.0	306159	6SHILOH 230.0	2	230	22	2018	Committed	Reliability	Conductor upgrade - Construction
DEF	FL	402884	KATHLEEN	403838	ZEPHYRHILLS N	2	230	13	2018	Planned	Reliability	Second 230 kV Line
DEF	FL	403162	FT WHITE N	403108	FT WHITE	1	230		2018	Planned	Reliability	New 230/115 kV Transformer
DEF	FL	403555	CRYST RVR P	403551	CENTRAL FLA	1	500	52.91	2018	Planned	Reliability	Remove Limiting Elements
DEF	FL	403701	DISSTON	403704	NORTHEAST	1	230	1.96	2018	Planned	Reliability	New 230 Kv line & Disston 230/115 kV
DEP	NC	304009	6HARRIS1	304159	6RTP230	1	230	18	2018	Construction	Reliability	Construct new 230 kV Line
DEP	NC	304348	6ROCKHAM230T	304985	6LILES SS T	1	230	14	2018	Construction	Reliability	Construct new 230 kV Line
DEP	NC	304451	6PA-GRNV	304474	6DUP KIN	1	230	30	2018	Construction	Reliability	Construct new 230 kV Line
Entergy	TX	334028	Grimes 345 kV	334027	Grimes 230kV	1	345/230	N/A	2018	Committed	Reliability	Add 345-230 kV Auto at Grimes
Entergy	TX	334088	Ponderosa 230kV	334027	Grimes 230kV	1	230	41	2018	Committed	Reliability	Construct new 230 kV line from Grimes to Ponderosa
Entergy	TX	334088	Ponderosa 230kV	334087	Ponderosa 138kV	1	230/138	N/A	2018	Committed	Reliability	Add 230-138 kV Auto at Ponderosa
Entergy	TX	334204	China 230kV	334327	Amelia 230kV	2	230	11	2018	Committed	Reliability	Construct 2nd China to Amelia 230 kV line
Entergy	TX	334320	Cypress 500 kV	334319	Cypress 138 kV	2	500/138	N/A	2023	Conceptual	Reliability	Add 2nd auto
Entergy	TX	334325	Hartburg 500 kV	334363	Hartburg 230 kV	2	500/230	N/A	2018	Planned	Reliability	Construct new 230 kV line and add 2nd auto at Hartburg
Entergy	TX	334326	Cypress 230kV	334324	Jacinto 230 kV	1	230	25	2023	Conceptual	Reliability	Construct new 230 kV line
Entergy	TX	334327	Amelia 230kV	334360	Helbig 230kV	1	230	10.3	2018	Planned	Reliability	Upgrade 230 kV line
Entergy	TX	334360	Helbig 230 kV	334429	Chisolm Rd 230 kV	1	230	14.95	2023	Conceptual	Reliability	Upgrade 230 kV line
Entergy	TX	334363	Hartburg 230kV	334429	Chisolm Rd 230kV	1	230	15	2018	Planned	Reliability	Construct new 230 kV line and add 2nd auto at Hartburg
Entergy	LA	335568	Willow Glen 230kV	335580	Conway 230kV	1	230	15	2018	Committed	Economic	Construct new 230 kV line
Entergy	LA	336088	Oakville 230kV	336086	Alliance 230kV	1	230	10.3	2018	Committed	Reliability	Construct new 230 kV line and add auto at Alliance
Entergy	LA	336189	Ironman 230 kV	336069	Tezcuco 230 kV	1	230	10.7	2018	Committed	Reliability	Construct new 230 kV line
Entergy	LA	336198	Southport 230 kV	336250	Ninemile 230 kV	1	230	1.84	2018	Committed	Transmission Service	Upgrade 230 kV line
Entergy	LA	336198	Southport 230 kV	336250	Ninemile 230 kV	2	230	1.84	2018	Committed	Transmission Service	Upgrade 230 kV line
Entergy	MS	336559	Franklin	336551	McComb	1	115	24	2018	Planned	Reliability	Franklin - McComb build new 115 kV line (constructed to 230 kV)
Entergy	MS	337140	Getwell 230kV	337132	Senatobia Industrial 230kV	1	230	26	2018	Planned	Reliability	Construct new 230 kV line and add auto at Senatobia Industrial
Entergy	AR	337367	Mt Olive	337370	Arcadia	1	115	15.05	2023	Conceptual	Reliability	Construct new 230 kV line (operate at 115 kV) from Mt. Olive to Arcadia
Entergy	AR	337561	Eldorado 500 kV	337643	Sheridan 500 kV	1	500	N/A	2018	Committed	Economic	Upgrade terminal Equipment at Sheridan and Eldorado 500 kV substations
Entergy	AR	337579	Monticello East	337600	Reed	1	115	22	2018	Planned	Reliability	Monticello East to Reed: Construct new 115 kV transmission line. Construct to 230 kV but operate at 115 kV.
Entergy	AR	337592	Lake Village Bagby	337600	Reed	1	115	26	2018	Committed	Reliability	Lake Village Bagby to Reed: Construct new 230 kV line and operate at 115 kV
Entergy	AR	337620	Woodward	337621	Pine Bluff Watson Chapel	1	115	2.63	2018	Committed	Reliability	Woodward - PB Watson Rebuild the line to 230kV operating at 115kV
Entergy	AR	337633	Woodward 230 kV	337654	White Bluff 230 kV	1	230	17	2018	Planned	Reliability	Construct new White Bluff to Woodward 230 kV line
Entergy	AR	337643	Sheridan 500 kV	337808	Mabelvale 500 kV	1	500	N/A	2018	Committed	Economic	Upgrade terminal Equipment at Mabelvale, Sheridan 500 kV substations
Entergy	AR	337643	Sheridan 500 kV	337651	White Bluff 500 kV	1	500	N/A	2018	Committed	Economic	Upgrade terminal Equipment at White Bluff, Sheridan 500 kV substations
Entergy	AR	337799	Mabelvale 500 kV	337808	Mabelvale 115 kV	1	500/115	N/A	2018	Planned	Reliability	Mabelvale: Replace 500-115 Autos
Entergy	AR	337804	Mabelvale 500 kV	337808	Mabelvale 115 kV	2	500/115	N/A	2018	Planned	Reliability	Mabelvale: Replace 500-115 Autos
Entergy	AR	337905	East Russellville 161kV	337906	North Russellville 161kV	1	161	3.19	2018	Planned	Reliability	Upgrade 161 kV line
Entergy	AR	338131	Melbourne 161 kV	338130	Calico Rock 161 kV	1	161	16.63	2018	Committed	Reliability	Calico Rock-Melbourne - Upgrade 161kV Line
Entergy	AR	338169	Truman 161 kV	338707	Truman West 161 kV	1	161	6.48	2018	Conceptual	Reliability	Upgrade 161 kV line
Entergy	AR	338204	Paragould 161 kV	338706	Paragould South 161 kV	1	161	7.67	2023	Conceptual	Reliability	Reconductor 161 kV line
Entergy	AR	505440	Doniphan 161 kV	338226	Datto 161kV	1	161	15	2018	Planned	Reliability	Doniphan - Datto 161 construct new line
FPL	FL	401794	Bobwhite	400348	Laurelwood	1	230	7.5	2018	Planned	Reliability	New line
FPL	FL	401794	Bobwhite	400349	Manatee	1	230	17.5	2018	Planned	Reliability	New line
IESO	ON	151054	Lakehead	152061	Wawa	1	220	247.3	2018	Proposed	Reliability	Double circuit 230 kV from Lakehead TS to Wawa TS
IESO	ON	151054	Lakehead	152061	Wawa	2	220	247.3	2018	Proposed	Reliability	
IESO	ON	156015	Clarington 500 kV	156017	Clarington 220 kV	1	500/220	NA	2018	Proposed	Reliability	Reinforce supply to Oshawa, Witby and Ajax areas
IESO	ON	156016	Clarington 500 kV	156018	Clarington 220 kV	1	500/220	NA	2018	Proposed	Reliability	
IESO	ON	157280	Allanburg	158069	Middleport	1	220	47.2	Unknown	Committed	Reliability	The construction is on hold
IESO	ON	157281	Allanburg	158071	Middleport	1	220	47.2	Unknown	Committed	Reliability	The construction is on hold
IESO	ON	160059	Lambton	160062	Longwood	1	220	47.2	2018	Construction	Reliability	Reconductoring existing double circuit 230 kV from Lambton TS to Longwood TS
IESO	ON	160069	Lambton	160062	Longwood	1	220	47.2	2018	Construction	Reliability	
IESO	ON	1510591	Dryden	151069	Crow River	1	220	261	2023	Proposed	Reliability	Single circuit 230 kV from Nipigon TS to Crow River TS
ISO-NE	ME	100002	Orrington 345.00	100092	Albion Road 345.00	1	345	59	2018	Construction	Reliability	2-1590 ACSR
ISO-NE	ME	100005	Cooper Mills 345.00	100095	Larrabee Rd 345.00	1	345	34	2018	Construction	Reliability	2-1590 ACSR
ISO-NE	ME	100092	Albion Road 345.00	100005	Cooper Mills 345.00	1	345	21	2018	Construction	Reliability	2-1590 ACSR
ISO-NE	ME	100092	Albion Road 345.00	100247	Albion Road 115.00	1	345/115	N/A	2018	Construction	Reliability	New substation & transformer
ISO-NE	ME	100095	Larrabee Rd 345.00	100087	Suwowiec 345.00	1	345	17	2018	Construction	Reliability	2-1590 ACSR
ISO-NE	ME	100095	Larrabee Rd 345.00	100118	Gulf Island 115.00	1	345/115	N/A	2018	Construction	Reliability	New substation & transformer
ISO-NE	MA	113001	Bear Swamp 230.00	113008	Bear Swamp 115.00	2	230/115	N/A	2018	Planned	Reliability	New second transformer
ISO-NE	MA/RI	113264	Millbury 345.00	117001	West Famum 345.00	1	345	21	2018	Planned	Reliability	2-1590 ACSR
ISO-NE	CT	116009	Northfield Mountain 345.00	116344	Northfield Mountain 115.00	1	345/115	N/A	2018	Planned	Reliability	2-1590 ACSR
ISO-NE	ME	117000	Sherman 345.00	117001	West Famum 345.00	1	345		2018	Planned	Reliability	Reconductor 328 line
ISO-NE	ME	117000	Sherman 345.00	117000	Sherman 345.00	1	345	N/A	2018	Planned	Reliability	New AIS Substation
ISO-NE	CT/RI	119051	Lake Road 345.00	117001	West Famum 345.00	1	345	25	2018	Planned	Reliability	2-1590 ACSR
ISO-NE	CT	119064	Card Street 345.00	119051	Lake Road 345.00	1	345	29	2018	Planned	Reliability	2-1590 ACSR
ISO-NE	MA	119116	North Bloomfield 345.00	119246	Frost Bridge 345.00	1	345	35	2018	Planned	Reliability	2-1590 ACSR

ISO-NE	MA	119246	Frost Bridge 345.00	120992	Frost Bridge 115.00	2	345/115	N/A	2018	Planned	Reliability	New second transformer
JEA	FL	404953	GEC	404855	Nocatee	30	230	4.4	2018	Committed	Reliability	GEC = Greenland Energy Center
LKE	IN	248830	07Ramsy5	326569	New Albany	1	345	0.5	2018	Construction	Reliability	
LKE	IN	249520	08Speed	326569	New Albany	1	345	0.5	2018	Construction	Reliability	
LKE	KY	324107	Middletown 345	3424325	Middletown 138	4	345/138	NA	2018	Construction	Reliability	
LKE	IN	324110	Northside	326569	New Albany	1	345	0.5	2018	Construction	Reliability	
LKE	IN	324111	Paddy West	326569	New Albany	1	345	0.5	2018	Construction	Reliability	
LKE	KY	326002	CaneRun NGCCC 345	325096	CaneRun NGCCC 138	1	345/138	NA	2018	Construction	Reliability	Tapping Existing Mill Creek to PaddysWest 345 kV
MAPP	MN	601039	North Rochester	601040	Transformer	1	345		2018	Planned	Reliability	New 345/161 Transformer
MAPP	MN/WI	601039	North Rochester	601044	North La Crosse	1	345	68.1	2018	Planned	Reliability	345 kV Line Addition
MAPP	MN	601040	North Rochester	625445	Chester	1	161	14	2018	Planned	Reliability	161 kV Line addition
MAPP	MN	601040	North Rochester	625415	North Hills	1	161	10.5	2018	Planned	Reliability	161 kV Line addition
MAPP	MN	601044	North La Crosse		Substation		345	100	2018	Planned	Reliability	New Sub Addition
MAPP	MN	601046	Alexandria SS	658050	Transformer	1	345		2018	Planned	Reliability	
MAPP	MN	601046	Alexandria SS		Substation		345	50	2018	Planned	Reliability	Rebuild Alexandria Switching Station to receive CapX 345 kV line from Monticello - Quarry - Alexandria - Bison. Includes one 448 MVA 345/115 kV xfmr. 115 kV side will be rebuilt from ring bus to breaker and 1/2. Includes 50 MVAR switched reactor on tertiary side of xfmr, and 40
MAPP	MN	601046	Alexandria SS	601047	Waite Park (Quarry)	1	345	55	2023	Planned	Reliability	
MAPP	MN	601051	Hampton Corner	601039	North Rochester	1	345	36	2018	Planned	Reliability	345 kV Line Addition
MAPP	MN	601051	Hampton Corner		Substation		345	100	2018	Planned	Reliability	New Sub Addition
MAPP	ND	601067	Bison		345 kV line termination	1	345		2018	Planned	Reliability	
MAPP	MN/ND	601067	Bison	601046	Alexandria SS	1	345	138	2018	Planned	Reliability	
MAPP	IA	635710	NE Ankeny	638000	Ames	1	161	22	2018	Planned	Reliability	Add new transmission source to Ames
MAPP	IA	636230	Franklin	656207	Hampton Tap	1	161	8.54	2018	Proposed	Reliability	
MAPP	IA	636616	Davenport	631095	East Calamus	1	161	8.9	2018	Planned	Reliability	Rebuild Line
MAPP	IA	636616	Davenport	631095	East Calamus	1	161	7.78	2018	Planned	Reliability	Rebuild Line
MAPP	ND	652216	Watford City	652408	Transformer		230		2018	Planned	Reliability	
MAPP	SD	652400	Williston	652421	Transformer		230		2018	Planned	Reliability	Parallel existing transformer
MAPP	ND	652425	Belfield, KU1A (old LO)		transformer		345		2018	Planned	Reliability	Parallel existing (from LO)
MAPP	SD	652426	Bismarck, KV3A (old KU3A)	652427	transformer	1	230		2018	Planned	Reliability	Replace BS xfmr KU3A
MAPP	ND	652435	Fargo, KV1A	652436	transformer	1	230		2023	Proposed	Reliability	Replace FA KV1A at Fargo
MAPP	ND	652435	Fargo, KV2A	652436	transformer	2	230		2023	Proposed	Reliability	Fargo Transformer Replacements
MAPP	ND	652441	Garrison, MPA	652442	transformer (Corps)		230		2018	Planned	Reliability	Transformer
MAPP	ND	652470	Bison 230	659350	Bison 115	1	230		2018	Proposed	Reliability	
MAPP	SD	652484	New Underwood	652485	transformer	2	230		2018	Planned	Reliability	new transformer parallel existing at New Underwood
MAPP	SD	652495	Witten (PS20)	652495	transformer		230		2018	Planned	Reliability	
MAPP	SD	652519	Oahe	652520	transformer		230		2018	Planned	Reliability	parallel existing Oahe xfmr
MAPP	SD	652519	Oahe	652520	transformer		230		2018	Proposed	Reliability	Oahe xfmr replacement
MAPP	SD	652523	Sioux Falls, KV3A	652524	transformer	1	230		2018	Planned	Reliability	Sioux Falls xfmr replacements
MAPP	SD	652523	Sioux Falls, KV5A	652524	transformer	2	230		2018	Planned	Reliability	Sioux Falls xfmr replacements
MAPP	SD	652538	White		White Wind (GI-0303)					On Hold	Reliability	White Substation
MAPP	IA	652560	Creston, KY4A	652569	transformer	1	161		2018	Planned	Reliability	
MAPP	IA	652560	Creston, KY1A	652568	transformer	1	161		2018	Planned	Reliability	Replace CS xfmr KY1A at Creston
MAPP	IA	652561	Denison	652560	Creston		230	82.46	2018	Planned	Reliability	Rebuild the Denison to Creston line from 161 to 230kV in sections over 8 years
MAPP	IA	652563	Spencer, KY1A	652580	transformer	2	161		2018	Proposed	Reliability	put xfms on separate bus & add bkrs at Spencer
MAPP	IA	652563	Spencer, KY1B	652580	transformer	1	161		2018	Proposed	Reliability	put xfms on separate bus & add bkrs at Spencer
MAPP	IA	652563	Spencer		Capacitor		161		2018	Planned	Reliability	
MAPP	IA	656201	Sheffield	656207	Hampton Tap	1	161	12.01	2018	Proposed	Reliability	
MAPP	ND	657751	Center	661053	Mandan	1	230	-1	2018	Planned	Reliability	Re-terminate Heskett end of Center - Heskett 230 kV line into the Mandan substation
MAPP	ND	657751	Center	661053	Mandan	1	230	23	2018	Planned	Reliability	Increase line rating by reconductoring and structure modifications on the Center - Mandan 230 kV line
MAPP		657757	Moranville	667046	Richer	1	230	77	2018	Proposed	Reliability	Increase voltage stability limit on line in order to increase overall line rating on the Richer - Roseau - Moranville 230 kV Line
MAPP	ND	657758	Winger	620238	Transformer	1	230		2018	Proposed	Reliability	Increase Winger transformer capacity with either a larger or a second transformer
MAPP	MN	657758	Winger		Thief River Falls	1	230	47	2018	Proposed	Reliability	Add a 230 kV line between Winger and Thief River Falls and 230/115 kV transformation at Thief River Falls
MAPP	ND	657791	Center, ND	657756	345/230/13.8 Transformer	1	345		2018	Planned	Reliability	New 345 kV transmission line from Center, ND to Grand Forks, ND, including 3 new and 1 moved 345/230 kV transformers
MAPP	ND	657791	Center, ND	657946	Prairie (Grand Forks, ND)	1	345	262	2018	Planned	Reliability	New 345 kV transmission line from Center, ND to Grand Forks, ND, including 3 new and 1 moved 345/230 kV transformers
MAPP	ND	657946	Prairie (Grand Forks, ND)	657755	345/230/13.8 Transformer	1	345		2018	Planned	Reliability	New 345 kV transmission line from Center, ND to Grand Forks, ND, including 3 new and 1 moved 345/230 kV transformers
MAPP	ND	657946	Prairie (Grand Forks, ND)	657755	345/230/13.8 Transformer	2	345		2018	Planned	Reliability	New 345 kV transmission line from Center, ND to Grand Forks, ND, including 3 new and 1 moved 345/230 kV transformers
MAPP	ND	659101	Antelope Valley 345	659183	Charlie Creek 345	2	345	70	2018	Planned	Reliability	
MAPP	ND	659108	Logan	659375	Whitby	1	230	74	2023	Proposed	Reliability	
MAPP	ND	659183	Charlie Creek 345	659333	Judson 345	1	345	75	2018	Planned	Reliability	
MAPP	SD	659310	Witten 230	652495	Witten 115		230		2018	Proposed	Reliability	
MAPP	SD	659312	Lower Brule	652541	Big Bend	1	230	2.1	2018	Proposed	Reliability	Lower Brule Sw Station-- Keystone XL ultimate load
MAPP	SD	659312	Lower Brule	652507	Fort Thompson	1	230	9.3	2018	Proposed	Reliability	
MAPP	SD	659312	Lower Brule	659313	Reliance	1	230	13	2018	Proposed	Reliability	
MAPP	SD	659312	Lower Brule		New Substation		230		2018	Proposed	Reliability	
MAPP	SD	659313	Reliance	TBD	transformer		230		2018	Proposed	Reliability	
MAPP	SD	659313	Reliance	659310	Witten		230	51	2018	Proposed	Reliability	

MAPP	SD	659313	Reliance		New Substation		230/69		2018	Proposed	Reliability	
MAPP	ND	659333	Judson 345	659334	Judson 230	1	345		2018	Planned	Reliability	Transformer supports load growth in Williston, ND vicinity
MAPP	ND	659333	Judson	659336	Neset 345	1	345	70	2018	Planned	Reliability	
MAPP	ND	659334	Judson 230	652400	Williston 230	1	230	2	2018	Planned	Reliability	
MAPP	ND	659336	Tande 345	659337	Tande 230	1	345		2018	Planned	Reliability	Transformer supports load growth in Tioga, ND vicinity
MAPP	ND	659337	Tande 230	659138	Neset 230	1	230	2	2018	Planned	Reliability	
MAPP	ND	659372	Larson 230	659373	Larson 115	1	230		2023	Planned	Reliability	
MAPP	ND	659372	Larson 230	659373	Larson 115	2	230		2023	Planned	Reliability	
MAPP	ND	659375	Whitby	659150	Whitby	1	230		2023	Proposed	Reliability	
MAPP	SD	659310, 652495	Witten		Substation Addition		230/115/13.8		2018	Proposed	Reliability	
MAPP	ND	659333, 659334	Judson		New Substation		345/230		2018	Planned	Reliability	
MAPP	ND	659336, 659337	Tande		New Substation		345/230		2018	Planned	Reliability	
MAPP	ND	659372, 659373	Larson		New Substation		230/115		2023	Proposed	Reliability	
MAPP	ND	TBD	Lincoln 230	TBD	Lincoln 115	1	230		2023	Proposed	Reliability	
MAPP		west	PS 9 (Bowdoin, KY1A & KY2A)		transformer		230		2018	Planned	Reliability	new transformer; Bowdoin -- Keystone XL (PS9)
MAPP		west	PS 9 (Whitewater - Math)		taps FP-HV 161		230		2018	Planned	Reliability	new line; Bowdoin -- Keystone XL (PS9)
MAPP			Tuttle (taps JT-GA 230) CPEC		transformer		230		2018	On Hold	Reliability	new transformer & 3 bkr ring bus in the Tuttle Substation
MAPP	ND		Center		Shunt reactor		345	50	2018	Planned	Reliability	New 345 kV transmission line from Center, ND to Grand Forks, ND, including 3 new and 1 moved 345/230 kV transformers
MAPP	IA		Zwingle		New Substation		161/69	60	2018	Planned	Reliability	A new joint substation with ITCMW to serve network load to support the local area conversions to 69 kV
MAPP	SD		Rapid City DC		transformer		230		2018	On Hold	Reliability	
MAPP	IA		Coggon		Rebuild Substation		161/69	60	2018	Planned	Reliability	A rebuild of an existing substation to serve network load to support the local area conversions to 69 kV at Coggon
MAPP	IA		Guthrie		Rebuild Substation		161/69	60	2018	Planned	Reliability	A rebuild of an existing substation to serve network load to support the local area conversions to 69 kV at Guthrie
MAPP	MN		Thief River Falls	657713	230/115 kV transformer	1	230		2018	Proposed	Reliability	Add a 230 kV line between Winger and Thief River Falls and 230/115 kV transformation at Thief River Falls
MAPP	ND		Olson		taps SC-SP (GI-0320)		161			On Hold	Reliability	
MAPP	ND		Wolf Point	652400	Williston	1	230	94		On Hold	Reliability	Wolf Point-Williston 230kV upgrade
MAPP	ND		Olson		taps SC-SP (GI-0320)		161		2018	On Hold	Reliability	
MAPP	SD	652538	White		White Wind (GI-0303)				2018	On Hold	Reliability	White Substation
MAPP	ND		Wolf Point	652400	Williston	1	230	94	2018	On Hold	Reliability	Wolf Point-Williston 230kV upgrade
MISO	IN	249503	IL/IN State Line	249521	Sugar Creek	1	345	2	2023	Planned	MVP	New Line
MISO	IN	249520	Speed	326569	LGEE New Albany Sw Station	1	345	2	2018	Planned	Reliability	New Line
MISO	IN	249563	Reynolds	249533	Transformer	1	765/345	0	2018	Planned	MVP	New Transformer
MISO	IN	249563	Reynolds	243207	Greentown	1	765	69	2018	Planned	MVP	New Line
MISO	MI	264706	Greenwood	264746	Fitz (formerly Saratoga)	2	345	19	2018	Planned	MVP	New Line
MISO	MI	264706	Greenwood	264746	Fitz (formerly Saratoga)	3	345	19	2018	Planned	MVP	New Line
MISO	MI	265076	Rapson (formerly Wyatt)	265075	Baker (formerly Reese)	1	345	56	2018	Planned	MVP	New Line
MISO	MI	265076	Rapson (formerly Wyatt)	265075	Baker (formerly Reese)	2	345	56	2018	Planned	MVP	New Line
MISO	MI	265076	Rapson (formerly Wyatt)	264706	Greenwood	1	345	65	2018	Planned	MVP	New Line
MISO	MI	265076	Rapson (formerly Wyatt)	264706	Greenwood	2	345	65	2018	Planned	MVP	New Line
MISO	MO	344000	Adair	345435	Palmyra Tap	1	345	63	2018	Planned	MVP	New Line
MISO	IL	345435	Palmyra Tap	347010	Quincy Area	1	345	14	2018	Planned	MVP	New Line
MISO	IL	347010	Quincy	347688	Meredosia	1	345	47	2018	Planned	MVP	New Line
MISO	IL	347340	Kansas	249521	Sugar Creek	1	345	35	2023	Planned	MVP	New Line
MISO	IL	347688	Meredosia	347288	Ipava	1	345	41	2018	Planned	MVP	New Line
MISO	IL	347688	Meredosia	347962	Pawnee	1	345	55	2018	Planned	MVP	New Line
MISO	IL	347945	Pana	348987	Mt. Zion	1	345	28	2018	Planned	MVP	New Line
MISO	IL	347945	Pana	347962	Pawnee	1	345	31	2018	Planned	MVP	New Line
MISO	IL	348776	Turkey Hill	346714	Cahokia	1	345	19	2018	Proposed	Reliability	Rebuild Line to 345 kV
MISO	IL	348882	Rising	348887	Sidney	1	345	27	2018	Planned	MVP	New Line
MISO	IL	348987	Mt. Zion	347340	Kansas	1	345	52	2018	Planned	MVP	New Line
MISO	IL	349730	Fargo	636635	Oak Grove	1	345	70	2018	Planned	MVP	New Line
MISO	WI/IA	693863	Eden	631191	Dubuque Co	1	345	75	2018	Planned	MVP	New Line
MISO	WI	693863	Eden	699829	Cardinal	1	345	28	2018	Planned	MVP	New Line
MISO	WI	693863	Eden	699034	Eden	1	345/138	28	2018	Planned	MVP	New Transformer
MISO	WI	601044	North LaCrosse	694098	North Madison	1	345	136	2018	Planned	MVP	New Line
MISO	WI	694102	North Madison	699829	Cardinal	1	345	21	2018	Planned	MVP	New Line
MISO	WI	699359	North Appleton	694035	Morgan	1	345	43	12/31/2016	Planned	Reliability	New Line
MISO	WI	602025	Monroe Co	699002	Council Creek	1	161	17.3	03/15/2015	Planned	Reliability	P574 Monroe County - Council Creek 161 kV line
MISO	WI	699002	Council Creek	699239	Council Creek	1	161/138		03/15/2015	Planned	Reliability	New Transformer
MISO	SD/MN	601031	Brookings County	601048	Lyon County 345 kV	1	345	59	2018	Planned	MVP	New Line
MISO	MN	601039	North Rochester	601044	Briggs Road (North LaCrosse)	1	345	82	2018	Planned	Reliability	New Line
MISO	MN	601048	Lyon County	615643	Cedar Mountain	1	345	52	2018	Construction	MVP	New Line

MISO	MN	601048	Lyon County	615643	Cedar Mountain	2	345	52	2018	Construction	MVP	New Line
MISO	MN	601048	Lyon County	601054	Hazel Creek	1	345	30	2018	Planned	MVP	New Line
MISO	MN	601050	Helena	615649	Chub Lake	1	345	23	2018	Construction	MVP	New Line
MISO	MN	601051	Hampton Corner	601039	North Rochester	1	345	36	2018	Planned	Reliability	New Line
MISO	MN	601053	Hazel Creek	602008	Minnesota Valley	1	230	5	2018	Planned	MVP	New Line
MISO	MN	601054	Hazel Creek	601053	Transformer	1	345/230	0	2018	Construction	MVP	New Transformer
MISO	MN/ND	601067	Bison	658047	Alexandria SS	1	345	135	2018	Planned	Reliability	New Line
MISO	MN	615335	Ramsey	657755	Grand Forks	1	230	81	2023	Construction	Reliability	Rebuild Line
MISO	MN	615643	Cedar Mountain	601050	Helena	1	345	69	2018	Construction	MVP	New Line
MISO	MN	615643	Cedar Mountain	601050	Helena	2	345	69	2018	Construction	MVP	New Line
MISO	MN	615649	Chub Lake	601051	Hampton Corner	1	345	19	2018	Construction	MVP	New Line
MISO	SD	620314	Big Stone	620322	Big Stone South	1	230	2	2018	Planned	MVP	New Line
MISO	SD	620314	Big Stone	620322	Big Stone South	2	230	2	2018	Planned	MVP	New Line
MISO	SD	620417	Big Stone South 345/230	620322	Transformer	1	345/230	0	2018	Planned	MVP	New Transformer
MISO	SD	620417	Big Stone South	601031	Brookings	1	345	65	2018	Planned	MVP	New Line
MISO	SD	620417	Big Stone South 345/230	620322	Transformer	2	345/230	0	2018	Planned	MVP	New Transformer
MISO	SD/ND	620417	Big Stone South	661097	Ellendale	1	345	165	2023	Planned	MVP	New Line
MISO	MN	631138	Lakefield	631193	Huntley (formerly Winnebago)	1	345	55	2018	Planned	MVP	New Line
MISO	IA/MO	631143	Ottumwa	344000	Adair	1	345	71	2018	Planned	MVP	New Line
MISO	MN/IA	631193	Huntley (formerly Winnebago)	631197	Ledyard	1	345	22	2018	Planned	MVP	New Line
MISO	IA	631197	Ledyard	635369	Burt	1	345	19	2018	Planned	MVP	New Line
MISO	IA	631197	Ledyard	631198	Lime Creek	1	345	61	2018	Planned	MVP	New Line
MISO	IA	631198	Lime Creek	631199	Killdeer	1	345	16	2018	Planned	MVP	New Line
MISO	IA	635368	Obrien County	635369	Webster	1	345	122	2018	Planned	MVP	New Line
MISO	IA	636199	Blackhawk	631139	Hazleton	1	345	13	2018	Planned	MVP	New Line
MISO	IA	636199	Blackhawk	631199	Killdeer	1	345	63	2018	Planned	MVP	New Line
MISO	MN	658047	Alexandria SS	601047	Waite Park (Quarry)	1	345	55	2018	Planned	Reliability	New Line
MISO	ND	661097	Ellendale 345/230	661098	Transformer	1	345/230	0	2023	Planned	MVP	New Transformer
MISO	WI,IL	699432	Pleasant Prairie	274817	Zion Energy Center	1	345	6	2018	Construction	MVP	MVP17: P2844-Construct a new Pleasant Prairie-Zion Energy Center 345-kV line.
MISO/TVA	KY	340624	Paradise Tap	360043	Paradise	1	161	8	2018	Construction	Reliability	Upgrade Interconnection
NYISO	NY	130756	STOLE345 345.00	200942	FARM_V_345 345.00	1	345	53	2018	Planned	Reliability	Farmer's Valley - 345 kV tap on NY-PJM tie-line
NYISO	NY	147834	NIAG 345 345.00	149690	NEWROCH345 345.00	1	345	66.4	2018	Planned	Reliability	New Rochester Station 255 - 345 kV Substation tap
NYISO	NY	130754	SOMERSET345 345.00	149690	NEWROCH345 345.00	1	345	40.2	2018	Planned	Reliability	New Rochester Station 255 - 345 kV Substation tap
NYISO	NY	149000	ROCH 345 345.00	149690	NEWROCH345 345.00	1	345	3.8	2018	Planned	Reliability	New Rochester Station 255 - 345 kV Substation tap
NYISO	NY	149000	ROCH 345 345.00	149690	NEWROCH345 345.00	2	345	3.8	2018	Planned	Reliability	New Rochester Station 255 - 345 kV Substation tap
NYISO	NY	149000	ROCH 345 345.00	149690	NEWROCH345 345.00	3	345	3.8	2018	Planned	Reliability	New Rochester Station 255 - 345 kV Substation tap
NYISO	NY	115005	NE_E205W_NY 230.00	137730	ROTRDM_2 230.00	1	230	23.2	2018	Planned	Reliability	Eastover Road Station - 230 kV tap on NY-NE tie-line
NYISO	NY/NE	113001	BEAR SWAMP 230.00	115005	NE_E205W_NY 230.00	1	230	49	2018	Planned	Reliability	Eastover Road Station - 230 kV tap on NY-NE tie-line
NYISO	NY	130861	S PERRY 230.00	131122	WTHRS230 230.00	1	230	11.5	2018	Planned	Reliability	South Perry Station - 230 kV tap
NYISO	NY	130764	MEYER230 230.00	130861	S PERRY 230.00	1	230	20	2018	Planned	Reliability	South Perry Station - 230 kV tap
NYISO	NY	148995	CPV_VALY 345.00	148999	CPV R 345.00	1	345		2018	Proposed	Economic	CPV 345 kV Generator Tap
PJM	PA	200005	CONEM-GH	200793	SEWARD 2		500/230	-	2018	Construction	Reliability	Upgrade Conemaugh 500/230 kV transformer and new line from Conemaugh-Seward 230 kV
PJM	WV	242510	05BAKER	242523	05BAKER		765/345	-	2018	Planned	Reliability	Add a second 765/345 kV transformer at Baker Station. Replace Baker 345 kV breakers 'G', 'G2', 'J1', 'J', and 'J2'.
PJM	VA	242519	05CLOVRD	314912	8LEXGTN		500	-	2018	Planned	Reliability	Wreck and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV
PJM	VA	242519	05CLOVRD	314912	8LEXGTN		500	-	2018	Planned	Reliability	Reconductor the AEP portion of the Cloverdale - Lexington 500 kV line with 2-1780 ACSS
PJM	VA	242519	05CLOVRD	242512	05CLOVRD		765/500	-	2018	Planned	Reliability	Install a 765/500 kV transformer at Cloverdale
PJM	IN	243206	05DUMONT	242928	05MARYSV		765	-	2018	Planned	Reliability	Build approximately 14 miles of 765 kV line from existing Dumont - Marysville line
PJM	IN	243210	05SULLVA	247069	05SULVN3		765/345	-	2018	Planned	Reliability	Add a 3rd 2250 MVA 765/345 kV transformer at Sullivan station and 345 kV switching changes at Sullivan/Breed
PJM	IN	246999	05SORENS	243232	05SORENS		765/345	-	2018	Planned	Reliability	Build a Sorenson 765/345 kV transformer and 345 kV work at Sorenson
PJM	VA	314171	6BRAMBL	314933	6BRAMBL		500/230	-	2018	Planned	Reliability	Install a 2nd 500/230 kV transformer at Brambleton
PJM	VA	314906	8CLOVER	314686	6CLOVER		500/230	-	2018	Planned	Reliability	Install a 3rd 500/230 kV TX at Clover
PJM	VA	314912	8LEXGTN	314907	8DOOMS		500	-	2018	Planned	Reliability	Rebuild Lexington - Dooms 500 kV
PJM	VA	314918	8NO ANNA	314232	6NO ANNA		500/230	-	2018	Planned	Reliability	Replace existing North Anna 500-230kV transformer with larger unit
PJM	VA	314924	8SURREY	314931	8SKIFF CREEK		500	-	2018	Planned	Reliability	Surry to Skiffes Creek 500 kV Line (7 miles overhead)
PJM	VA	314926	8VALLEY	314907	6VALLEY		500/230	-	2018	Planned	Reliability	Add a second Valley 500/230 kV TX
PJM	VA	314927	8YADKIN	314514	6YADKIN		500/230	-	2018	Planned	Reliability	Install a third 500/230 kV TX at Yadkin
PJM	VA	314930	8LOUDOUNB	314933	8BRAMBLETON		500	-	2018	Planned	Reliability	Build a 2nd Loudoun - Brambleton 500 kV line within the existing ROW. The Loudoun - Brambleton 230 kV line will be relocated as an underbuild on the new 500 kV line
PJM	VA	314931	8SKIFF CREEK	314209	6SKIFF CREEK		500/230	-	2018	Planned	Reliability	Skiffes Creek 500-230 kV Tx and Switching Station
PJM	VA	314933	8BRAMBLETON				500	-	2018	Construction	Reliability	Build new Brambleton 500 kV three breaker ring bus connected to the Loudoun to Pleasant View 500 kV line
PJM	VA	314933	8BRAMBLETON	314171	6BRAMBL		500/230	-	2018	Construction	Reliability	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton
PJM	VA						230	-	2018	Planned	Reliability	Resag line #222 to 150 C and upgrade any associated equipment to a 2000A rating to achieve a 706 MVA summer line rating
PJM	VA						230	-	2018	Planned	Reliability	Upgrade the 3.63 mile line section between Possum and Dumfries substations, replace the 1600 amp wave trap at Possum Point

PJM	VA					230	-	2018	Planned	Reliability	Reconfigure Line #203 to feed Edwards Ferry sub radial from Pleasant View 230 kV and install new breaker bay at Pleasant View Sub
PJM	VA					230	-	2018	Planned	Reliability	Reconductor Fredericksburg - Cranes Corner 230 kV
PJM	MD					230	-	2018	Planned	Reliability	Upgrade Oak Grove - Ritchie 23058 230 kV line
PJM	MD					230	-	2018	Planned	Reliability	Upgrade Oak Grove - Ritchie 23060 230 kV line
PJM	VA					230	-	2018	Planned	Reliability	Install a 230 kV line from Lakeside to Northwest utilizing the idle line and 60 line ROW's and reconductor the existing 221 line between Elmont and Northwest
PJM	VA					230	-	2018	Construction	Reliability	Build new Radnor Heights Sub, add new underground circuit from Ballston - Radnor Heights, Tap the Glebe - Davis line and create circuits from Davis - Radnor Heights and Glebe - Radnor Heights
PJM	VA					230	-	2018	Construction	Reliability	Install 2nd Burke to Sideburn 230 kV underground cable
PJM	DC					230	-	2018	Planned	Reliability	Upgrade the 230kV line from Buzzard 016 - Ritchie 059
PJM	NJ					230	-	2018	Construction	Reliability	Convert the West Orange 138 kV substation, the Roseland - West Orange 138 kV circuit , and the Roseland - Sewaren 138 kV circuit from 138 kV to 230 kV
PJM	NJ					230	-	2018	Planned	Reliability	Build a new 230 kV circuit from Branchburg to Bridgewater and reconfigure the Bridgewater 230 kV substation to breaker and a half configuration
PJM	NJ					230	-	2018	Construction	Reliability	Convert the Burlington, Camden, and Cuthbert Blvd 138 kV substations and associated lines from 138 kV to 230 kV
PJM	PA					230	-	2018	Planned	Reliability	Reconductor the PECO portion of the Burlington - Croydon circuit, replace some towers, and replace aerial wire at Croydon.
PJM	NJ					230	-	2018	Planned	Reliability	Reconductor the PSEG portion of the Burlington - Croydon circuit with 1590 ACSS
PJM	VA					230	-	2018	Construction	Reliability	Loop the 2054 line in and out of Hollymeade and place a 230 kV breaker at Hollymeade. This creates two lines: Charlottesville - Hollymeade and Hollymeade - Gordonsville
PJM	NC					230	-	2018	Planned	Reliability	Convert line #64 Trowbridge to Winfall to 230 kV and install a 230 kV capacitor bank at Winfall.
PJM	NJ					230	-	2018	Planned	Reliability	Build two new parallel underground circuits from Gloucester to Camden (via Cuthbert Blvd)
PJM	NJ					230	-	2018	Construction	Reliability	Build a second 230 kV parallel overhead circuit from Mickleton - Gloucester
PJM	NJ					230	-	2018	Planned	Reliability	Build a second 230 kV parallel overhead circuit from Mickleton - Gloucester (AE portion)
PJM	NJ					230	-	2018	Construction	Reliability	Reconductor the existing Mickleton - Gloucester 230 kV circuit (PSEG portion)
PJM	NJ					230	-	2018	Planned	Reliability	Reconductor the existing Mickleton - Gloucester 230 kV circuit (AE portion)
PJM	NJ					230	-	2018	Planned	Reliability	Convert the 138 kV path from Aldene -Springfield Rd. - West Orange to 230 kV
PJM	VA					230	-	2018	Planned	Reliability	Loop Line #2095 in and out of Waxpool approximately 1.5 miles
PJM	VA					230	-	2018	Construction	Reliability	Construct a new 230kV line from Brambleton to BECO Substation of approximately 11 miles with approximately 10 miles utilizing the vacant side of existing Line #2095 structures
PJM	VA					230	-	2018	Planned	Reliability	The new Brambleton - BECO line will feed Shellhorn Substation load and Greenway TX's #2&3 load
PJM	NJ					230	-	2018	Planned	Reliability	Reconductor the Eagle Point - Gloucester 230 kV circuit #1 and #2 with higher conductor rating
PJM	NJ					230	-	2018	Planned	Reliability	Rocktown - Install a 230/34.5 kV transformer by looping the Pleasant Valley - Buckingham 230 kV L220 line (0.4) miles through the Rocktown Substation
PJM	NJ					230	-	2018	Planned	Reliability	Convert the existing "D1304" and "G1307" 138 kV circuits between Roseland - Kearny- Hudson to 230 kV operation
PJM	NJ					230	-	2018	Planned	Reliability	Build second 230 kV underground cable from Bergen to Athenia
PJM	NJ					230	-	2018	Construction	Reliability	Build second 230 kV underground cable from Hudson to South Waterfront
PJM	NC					230	-	2018	Planned	Reliability	Rebuild 15 miles of line #2020 Winfall - Elizabeth City with a minimum 900 MVA rating
PJM	NC					230	-	2018	Planned	Reliability	Build a 230 kV line from Shawboro to Aydtlett tap and connect Aydtlett to the new line
PJM	VA					230	-	2018	Construction	Reliability	Build Cannon Branch to Cloverhill to Liberty 230 kV line
PJM	PA					230	-	2018	Planned	Reliability	Reconductor Richmond - Waneeta 230 kV and replace terminal equipments at Waneeta substationm
PJM	PA					500	-	2018	Planned	Reliability	Install Lauschtown 500/230 kV substation (500 kV portion)
PJM	VA					230	-	2018	Planned	Reliability	Build a 2nd 230kV Line Harrisonburg to Endless Caverns
PJM	NJ					230	-	2018	Planned	Reliability	Open the Hudson 230 kV bus tie
PJM	NJ					230	-	2018	Planned	Reliability	Upgrade the PSEG portion of the Camden - Richmond 230 kV circuit to six wire conductor and replace terminal equipments at Camden
PJM	PA					230	-	2018	Planned	Reliability	Upgrade the PECO portion of the Camden - Richmond 230 kV to a six wire conductor
PJM	PA					230	-	2018	Planned	Reliability	Replace terminal equipment at Richmond (Camden - Richmond 230 kV)
PJM	PA					230	-	2018	Planned	Reliability	Reconductor the underground portion of the Richmond - Waneeta 230 kV, replace terminal equipments, and replace three 230 kV circuit breakers to give an emergency rating of 1195 MVA
PJM	PA					230	-	2018	Planned	Reliability	Add a 3rd 230 kV transmission line between Chichester and Linwood substations and remove the Linwood SPS

PJM	VA						230	-	2018	Planned	Reliability	Rebuild line #262 from Yadkin - Chesapeake 230 kV for 1204 MVA load dump rating and re-conductor line #2110 from Suffolk - Thrasher 230 kV for 1593 MVA load dump rating
PJM	NJ						230	-	2018	Planned	Reliability	Construct a Whippany to Montville 230 kV line (6.4 miles)
PJM	PA						230	-	2018	Planned	Reliability	Install Lauschtown 500/230 kV substation (below 500 kV portion)
PJM	MD						230	-	2018	Planned	Reliability	Reconductor feeder 23032 and 23034 (Dickerson Station "H" - Quince Orchard 230 kV) to high temp. conductor (10 miles)
PJM	NJ						230	-	2018	Construction	Reliability	Reconductor the Mickleton - Gloucester 230 kV parallel circuits with double bundle conductor
PJM	PA						230	-	2018	Planned	Reliability	Eliminate the Sewaren 138 kV bus by installing a new 230 kV bay at Sewaren 230 kV
PJM	PA						230	-	2018	Planned	Reliability	Convert the two 138 kV circuits from Sewaren - Metuchen to 230 kV circuits including Lafayette and Woodbridge substation
PJM	NJ						230	-	2018	Planned	Reliability	Reconfigure the Metuchen 230 kV station to accommodate the two converted circuits
PJM	NJ						230	-	2018	Planned	Reliability	Re-configure the Kearny 230 kV substation and loop the P-2216-1 (Essex - NJT Meadows) 230 kV circuit
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Oak Grove - Bowie 230 kV circuit and upgrade terminal equipments at Oak Grove and Bowie 230 kV substations
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Bowie - Burtonsville 230 kV circuit and upgrade terminal equipments at Bowie and Burtonsville 230 kV substations
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Oak Grove - Bowie 230 kV '23042' circuit and upgrade terminal equipments at Oak Grove and Bowie 230 kV substations
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Bowie - Burtonsville 230 kV '23042' circuit and upgrade terminal equipments at Oak Grove and Burtonsville 230 kV substations
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Dickerson station "H" - Quince Orchard 230 kV '23032' circuit and upgrade terminal equipments at Dickerson station "H" and Quince Orchard 230 kV substations
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Oak Grove - Aquasco 230 kV '23062' circuit and upgrade terminal equipments at Oak Grove and Aquasco 230 kV substations
PJM	NJ						230	-	2018	Planned	Reliability	Build a new third 230 kV line into the Red Bank 230 kV substation
PJM	NJ						230	-	2018	Planned	Reliability	Build a second 230 kV circuit from Cox's Corner - Lumberton
PJM	MD						230	-	2018	Planned	Reliability	Replace the 1200 A line side and bus side disconnect switches with 1600 A switches, replace bus side, line side, and disconnect leads at Lime Kiln SS on the Doubs - Lime Kiln 1 (207) 230 kV line termi
PJM	MD						230	-	2018	Planned	Reliability	Replace the 1200 A line side and bus side disconnect switches with 1600 A switches, replace bus side, line side, and disconnect leads at Lime Kiln SS on the Doubs - Lime Kiln 2 (231) 230 kV line termi
PJM	VA						230	-	2018	Planned	Reliability	New Skiffes Creek - Whealton 230 kV line
PJM	VA						230	-	2018	Planned	Reliability	Uprate Brems - Midlothian 230 kV to its maximum operating temperature
PJM	NJ						230	-	2018	Planned	Reliability	Build a new 230 kV circuit from Larrabee to Oceanview
PJM	VA						230	-	2018	Planned	Reliability	Build a new 39 mile 230 kV transmission line from Dooms - Lexington on existing right-of-way
PJM	MD						230	-	2018	Planned	Reliability	Install a second Conastone - Graceton 230 kV circuit and replace Conastone 230 kV breaker 2323/2302
PJM	MD						230	-	2018	Planned	Reliability	Rebuild the existing Bagley - Raphael Rd. 230 kV line to double circuit 230 kV line
PJM	MD						500/230	-	2018	Planned	Reliability	Build a new 500/230 kV substation (Hanover Pike)
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Morgantown - V3-017 230 kV '23086' circuit and replace terminal equipments at Morgantown
PJM	MD						230	-	2018	Planned	Reliability	Reconductor the Morgantown - Talbert 230 kV '23085' circuit and replace terminal equipments at Morgantown
PJM	MD						230	-	2018	Planned	Reliability	Replace terminal equipments at Hawkins 230 kV substation
PJM	VA						230	-	2018	Planned	Reliability	Construct 230 kV OH line along existing Line #2035 corridor, approx. 2.4 miles from Idylwood - Dulles Toll Road (DTR) and 2.1 miles on new right-of-way along DTR to new Scott's Run Substation
PJM	PA						230	-	2018	Planned	Reliability	Rebuild approximately 23.7 miles of the Susquehanna - Jenkins 230kV circuit. This replaces a temporary SPS that is already planned to mitigate the violation until this solution is implemented
PJM	MD						230	-	2018	Planned	Reliability	Upgrade the Chalk Point - T133TAP 230 kV Ck. 1 (23063) and Ckt. 2 (23065) to 1200 MVA ACCR
PJM	VA						230	-	2018	Planned	Reliability	Wreck and rebuild approximately 1.3 miles of existing 230 kV line between Cochran Mill - X4-039 Switching Station
PJM	PA						230	-	2018	Planned	Reliability	Install a second 230 kV line between Jenkins and Stanton
PJM	PA						230	-	2018	Planned	Reliability	Build a new Paupack - Pocono 230 kV line (Approximately 21 miles)
PJM	PA						230	-	2018	Planned	Reliability	Replace 3.7 miles of the existing 230 kV Blooming Grove - Peckville line by building 8.4 miles of new 230 kV circuit onto the Lackawanna - Hopatcong tower-line
PJM	PA						230	-	2018	Planned	Reliability	Build approximately 14 miles new 230 kV Jenkins-Achahela 230 kV Line
PJM	PA						230	-	2018	Planned	Reliability	Build approximately 21 miles new 230 kV Achahela - Pocono line
PJM	PA						230	-	2018	Planned	Reliability	Replace the 1200 Amp Line trap at Lewistown on the Raystown-Lewistown 230 kV line and replace substation conductor at Lewistown
PJM	KY						230	-	2018	Planned	Reliability	Remove the existing 1200 - amp line traps at JK Smith and Dale associated with the JK Smith - Dale 138 kV line
PJM	NJ						230	-	2018	Construction	Reliability	Orchard-Cumberland - Install second 230kV line
SBA	AL	317423	FARMVIL AEC 115.00	385292	FARMVIL RD 115.00	1	115	2.02	2018	Committed	Reliability	Rebuild approximately 2 mi of 115kV line

SBA	GA	380002	WADLEY 500.00	380118	WADLEY LS 230.00	1	500/230	-	2018	Planned	Reliability	Install a new 500/230 kV transformer bank
SBA	GA	380008	VOGTLE 500.00	381490	THOMSON 500.00	1	500	55	2018	Committed	Reliability	Construct approximately 55 mi of new 500kV line
SBA	GA	380008	VOGTLE 500.00	380002	WADLEY 500.00	1	500	46.6	2018	Committed	Reliability	Loop existing 500kV line from Warthen into Wadley
SBA	GA	380024	N TIFTON 500.00	380222	N TIFTON 230.00	1	500/230	-	2018	Committed	Reliability	Replacement of existing 230/500 transformer bank
SBA	GA	380086	CUMMING 230.00	381977	SHARON SP 230.00	1	230	6.6	2023	Planned	Reliability	Construct approximately 7 mi of new 230kV line
SBA	GA	380117	WAYNESBORO 230.00	380562	WAYNESBORO 115.00	1	230/115	-	2023	Planned	Reliability	Install a new 115/230kV transformer bank
SBA	GA	380123	YATES 230.00	382730	DYER ROAD 230.00	1	230	1.5	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	380123	YATES 230.00	382730	DYER ROAD 230.00	2	230	1.5	2018	Committed	Reliability	Loop existing line into new substation
SBA	GA	380132	FIRST AVE B2 230.00	380613	FIRST AVE B2 115.00	1	230/115	-	2023	Planned	Reliability	Replacement of existing 230/115 transformer bank
SBA	GA	380162	S HAZLE 230.00	380860	S HAZLE 115.00	1	230/115	-	2018	Committed	Reliability	Replacement of existing 230/115 transformer bank
SBA	GA	380169	THOMASTN 230.00	382280	THOMASTN 115.00	1	230/115	-	2023	Planned	Reliability	Replacement of existing 230/115 transformer bank
SBA	GA	380216	JACK MCDON 115.00	380231	KING SP RD 115.00	1	115	4	2023	Planned	Reliability	Rebuild approximately 4 mi of 115 kV line
SBA	GA	380224	OFFERMAN 230.00	381093	OFFERMAN 115.00	1	230/115	-	2023	Planned	Reliability	Replacement of existing 230/115 transformer bank
SBA	GA	380264	E POINT 115.00	382661	WILLINGHAM 115.00	1	115	2.7	2023	Planned	Reliability	Reconductor approximately 3 mi of 115kV line
SBA	GA	380328	MILIKEN LAGRA. 115.00	381528	LAGRANGE 5 115.00	1	115	0.6	2018	Committed	Reliability	Reconductor approximately 1 mi of 115kV line
SBA	GA	380346	DECATUR 115.00	380379	MORELAND AVE 115.00	1	115	1.6	2023	Planned	Reliability	Upgrade approximately 2 mi of 115kV to 100C
SBA	GA	380360	AUSTIN DR 115.00	380367	RIVER RD 115.00	1	115	7.1	2023	Planned	Reliability	Reconductor approximately 7 mi of 115kV line
SBA	GA	380368	ELLENWOOD 115.00	382707	MORROW 115.00	1	115	2	2023	Planned	Reliability	Reconductor approximately 7 mi of 115kV line
SBA	GA	380385	DAWSONVL 115.00	382082	LEACH RD 115.00	1	115	6.18	2018	Committed	Reliability	Rebuild approximately 6 mi of 115kV line
SBA	GA	380461	JACKSON LK 115.00	381917	S COVINGTON J 115.00	1	115	5.6	2018	Committed	Reliability	Rebuild approximately 6 mi of 115kV line
SBA	GA	380466	ANTHONY SHL 115.00	380469	DBL BRNCH J 115.00	1	115	15.1	2023	Planned	Reliability	Rebuild approximately 15 mi of 115kV line
SBA	GA	380515	THOMSON 230.00	381413	THOMSON 115.00	1	230/115	-	2023	Planned	Reliability	Install a new 115/230kV transformer bank
SBA	GA	380571	SYLVANIA 115.00	381443	DEAL BRANCH 115.00	1	115	23.1	2018	Committed	Reliability	Upgrade approximately 23 mi of 115kV line to 100C
SBA	GA	380575	STATBORO B1 115.00	382184	STATBORO B2 115.00	1	115	-	2018	Committed	Reliability	Install new 115kV bus tie breaker
SBA	GA	380575	STATBORO B1 115.00	381451	JIMPS JCT 115.00	1	115	1.8	2018	Committed	Reliability	Reconductor approximately 2 mi of 115kV line
SBA	GA	380601	LAGRANGE 13 115.00	381528	LAGRANGE 5 115.00	1	115	1.6	2018	Committed	Reliability	Reconductor approximately 2 mi of 115kV line
SBA	AL	380604	W PT DAM 115.00	384459	W PT DS 115.00	1	115	7.53	2018	Committed	Reliability	Construct approximately 8 mi of new 115kV line
SBA	GA	380612	FIRST AVE B1 115.00	380653	BULLCRK 115.00	1	115	4.7	2023	Planned	Reliability	Reconductor approximately 5 mi of 115kV line
SBA	GA	380615	VICTORY DR 115.00	380655	ST MARYS J 115.00	1	115	2.5	2023	Planned	Reliability	Reconductor approximately 3 mi of 115kV line
SBA	GA	380621	YATES B1 115.00	382731	DYER ROAD 115.00	1	115	0.5	2018	Committed	Reliability	Loop existing line into new substation
SBA	GA	380622	HOGANSVILLE 115.00	382731	DYER ROAD 115.00	1	115	23.3	2018	Committed	Reliability	Loop existing line into new substation
SBA	GA	380701	N AMERICUS B1 115.00	380705	AMERICUS 115.00	1	115	3.2	2023	Planned	Reliability	Reconductor approximately 3 mi of 115kV line
SBA	GA	380707	CRISP 2 115.00	382214	CRISP 8 115.00	1	115	10.5	2018	Committed	Reliability	Construct approximately 10 mi of new 115kV line
SBA	GA	380718	S COWETA 115.00	380876	BROOKS 115.00	1	115	5	2023	Planned	Reliability	Reconductor approximately 5 mi of 115kV line
SBA	GA	380743	MCDONOUGH 115.00	381220	DAILYMIL TP 115.00	1	115	2.1	2018	Committed	Reliability	Rebuild approximately 2 mi of 115kV line
SBA	GA	380746	S GRIFFIN 115.00	380750	GA BRD CORR 115.00	1	115	6	2018	Committed	Reliability	Upgrade approximately 6 mi of 115kV to 100C
SBA	GA	380824	GORDON B1 115.00	380153	ROBINS SP 115.00	1	115	30	2018	Committed	Reliability	Upgrade approximately 30 mi of 115kV line to 100 C
SBA	GA	380864	W BRUNSWICK 115.00	382381	ALTAMAHA 115.00	1	115	8	2023	Planned	Reliability	Construct approximately 8 mi of new 115kV line
SBA	GA	380868	BRUNSWICK B1 115.00	381602	STONEWALL 115.00	1	115	1.27	2023	Planned	Reliability	Reconductor approximately 1 mi of 115kV line
SBA	GA	380969	BREMEN B1 115.00	380968	CPL BREMEN 115.00	1	115	3.68	2018	Committed	Reliability	Move line to South Tallapoosa from bus #2 to bus #1
SBA	GA	380985	DOUGLASVL 115.00	380982	ANNEWAKEE J 115.00	1	115	6	2018	Committed	Reliability	Reconductor approximately 6 mi of 115kV line
SBA	GA	381056	NASHVL 1 115.00	381058	NASHVL 2 115.00	1	115	2.5	2018	Committed	Reliability	Upgrade approximately 2 mi of 115kV line to 100 C
SBA	GA	381065	PINE GROVE 115.00	403113	JASPER FL 115.00	1	115/230	21.6	2018	Committed	Reliability	Rebuild approximately 22 mi of 115kV line to convert to 230kV
SBA	GA	381101	GEORGE DAM 115.00	381893	FT GAINES 115.00	1	115	1.5	2023	Planned	Reliability	Upgrade approximately 2 mi of 115kV line to 100 C
SBA	GA	381155	JUDY MTN 230.00	380181	ROCKY MTN 230.00	1	230	4.5	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381155	JUDY MTN 230.00	380182	HAMMOND 230.00	1	230	2.8	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381155	JUDY MTN 230.00	380195	BOWEN 230.00	1	230	33.5	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381155	JUDY MTN 230.00	380181	ROCKY MTN 230.00	2	230	4.6	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381155	JUDY MTN 230.00	381156	JUDY MTN 115.00	1	115/230	-	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381156	JUDY MTN 115.00	382424	TEXAS VAL J 115.00	1	115	5.92	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381156	JUDY MTN 115.00	382403	COOSA J1 115.00	1	115	0.6	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381156	JUDY MTN 115.00	382404	COOSA J2 115.00	1	115	0.77	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381156	JUDY MTN 115.00	380908	ROME 115.00	1	115	4.9	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	381214	DAILEY MILL 115.00	381643	FLIPPEN 115.00	1	115	4.6	2018	Committed	Reliability	Construct approximately 5 mi of new 115kV line
SBA	GA	381419	NUNEZ J 115.00	381448	METTER 115.00	1	115	17	2023	Planned	Reliability	Upgrade approximately 17 mi of 115kV to 100 C
SBA	GA	381553	LAGRANGE 11 115.00	382220	KIA MOTORS 115.00	1	115	5.8	2018	Committed	Reliability	Construct approximately 6 mi of new 115kV line
SBA	GA	381559	CRISP 6 115.00	382214	CRISP 8 115.00	1	115	2.2	2018	Committed	Reliability	Construct approximately 2 mi of new 115kV line
SBA	GA	381655	AULTMAN RD 115.00	381654	NORTHROP J 115.00	1	115	2.16	2023	Planned	Reliability	Upgrade approximately 2 mi of 115kV line to 100 C
SBA	GA	381676	SLEEPY HOL 115.00	382319	PCH BLOSSOM 115.00	1	115	1.99	2023	Planned	Reliability	Reconductor approximately 2 mi of 115kV line
SBA	GA	381749	BATESVIL RD 115.00	382401	BATESVIL J 115.00	1	115/230	2.2	2023	Planned	Reliability	Reconductor approximately 2 mi of 115kV line to convert to 230kV
SBA	GA	381750	ARNOLD MILL 230.00	382615	BATESVIL RD 230.00	1	230	3.8	2023	Planned	Reliability	Construct approximately 4 mi of new 230kV line
SBA	GA	381802	BRUMBLY CK 115.00	381820	CAIRO 1 115.00	1	115	4.4	2018	Committed	Reliability	Construct approximately 4 mi of new 115kV line
SBA	GA	381802	CAIRO1 115.00	381815	RODDENBERRY 115.00	1	115	10.48	2018	Committed	Reliability	Upgrade approximately 10 mi of 115kV line for 100C
SBA	GA	381882	N CAMILLA 230.00	382510	RACCOON CK 230.00	1	230	8.8	2023	Planned	Reliability	Reconductor approximately 9 mi of 230kV line
SBA	GA	381977	SHARON SP 230.00	382084	SHARON SP 115.00	1	230/115	-	2023	Planned	Reliability	Install a new 230/115kV transformer in DS
SBA	GA	381982	YATES B2 115.00	382731	DYER ROAD 115.00	1	115	0.5	2018	Committed	Reliability	Loop existing line into new substation
SBA	GA	382117	WADLEY B1 230.00	382118	WADLEY B2 230.00	1	230	0	2018	Committed	Reliability	Install a 230kV bus tie breaker
SBA	GA	382224	CORN CRIB 230.00	382730	DYER ROAD 230.00	1	230	14.3	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	382224	CORN CRIB 230.00	382269	THOMASTON 230.00	1	230	40.5	2018	Committed	Reliability	Construct a new 230/115kV substation

SBA	GA	382225	CORN CRIB 115.00	382731	DYER ROAD 115.00	1	115	3	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	382225	CORN CRIB 115.00	382731	DYER ROAD 115.00	2	115	3	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	382225	CORN CRIB 115.00	382280	THOMASTON 115.00	1	115	4.2	2018	Committed	Reliability	Construct a new 230/115kV substation
SBA	GA	382232	FORTSON B2 230.00	383020	TALBOT CO 1 230.00	1	230	13	2018	Committed	Reliability	Reconductor approximately 13 mi of 230kV line
SBA	GA	382269	THOMASTN 230.00	382730	DYER ROAD 230.00	1	230	53.214	2018	Committed	Reliability	Loop existing line into new substation
SBA	GA	382342	GORDON B2 230.00	382347	N DUBLIN 230.00	1	230	33	2018	Committed	Reliability	Construct approximately 33 mi of new 230kV line
SBA	GA	382351	BONAIRE B2 115.00	382319	PCH BLOSSOM 115.00	1	115	3.65	2018	Committed	Reliability	Reconductor approximately 4 mi of 115kV line
SBA	GA	382351	BONAIRE B2 115.00	381626	KATHLEEN 115.00	1	115	5.86	2023	Planned	Reliability	Reconductor approximately 6 mi of 115kV line
SBA	GA	382389	S HAZLE 230.00	382385	S HAZLE 115.00	1	230/115	-	2018	Committed	Reliability	Replacement of existing 230/115 transformer bank
SBA	GA	382495	DRESDEN 500.00	380023	WANSLEY 500.00	1	500	-	2018	Committed	Reliability	Loop existing 500kV line into expanded substation
SBA	GA	382495	DRESDEN 500.00	380016	OHARA 500.00	1	500	-	2018	Committed	Reliability	Loop existing 500kV line into expanded substation
SBA	GA	382495	DRESDEN 500.00	383034	HEARD CO 500.00	1	500	8	2018	Committed	Reliability	Construct approximately 8 mi of new 500kV line
SBA	GA	382495	DRESDEN 500.00	381594	DRESDEN 230.00	1	500/230	-	2018	Committed	Reliability	Install a new 500/230 kV transformer bank
SBA	GA	382568	BRUNSWICK B2 115.00	380870	STONEWALL 115.00	1	115	1.73	2023	Planned	Reliability	Reconductor approximately 2 mi of 115kV line
SBA	GA	382730	DYER ROAD 230.00	382731	DYER ROAD 115.00	1	230/115	-	2018	Committed	Reliability	Loop existing line into new substation
SBA	GA	382766	S HALL B1 230.00	382767	S HALL B2 230.00	1	230	-	2018	Committed	Reliability	Install new 230kV bus tie breaker
SBA	GA	383052	WARTHEN 500.00	380002	WADLEY 500.00	1	500	29.8	2018	Committed	Reliability	Loop existing 500kV line from Vogtle into Wadley
SBA	AL	384108	EPES SS 115.00	384353	EUTAW 115.00	1	115	22.5	2018	Committed	Reliability	Construct approximately 22 mi of new 115kV line
SBA	AL	384111	NCRICHTN SS 115.00	384666	WOLFRDG1 115.00	1	115	0.76	2018	Committed	Reliability	Construct approximately 1 mi of new 115kV line
SBA	AL	384113	FISH RV CAP 115.00	384664	FAIRHOPE 115.00	1	115	4.31	2018	Committed	Reliability	Reconductor approximately 4 mi of 115kV line
SBA	AL	384135	GORGAS 161.00	384496	TAFTCOAL 161.00	1	161	5.36	2018	Committed	Reliability	Reconductor approximately 5 mi of 115kV line
SBA	AL	384136	JASPERSS 161.00	384496	TAFTCOAL 161.00	1	161	8.45	2018	Committed	Reliability	Reconductor approximately 8 mi of 115kV line
SBA	AL	384136	JASPERSS 161.00	384137	JASPERTS 161.00	1	161	0.8	2018	Committed	Reliability	Construct approximately 1 mi of new 115kV line
SBA	AL	384136	JASPERSS 161.00	384138	JASPERDS 161.00	1	161	0.7	2018	Committed	Reliability	Construct approximately 1 mi of new 115kV line
SBA	AL	384136	JASPERSS 161.00	384132	OAKMAN 161.00	1	161	10	2018	Committed	Reliability	Construct approximately 10 mi of new 115kV line
SBA	AL	384137	JASPERTS 161.00	384147	PARKLAND 161.00	1	161	2.64	2018	Committed	Reliability	Reconductor approximately 3 mi of 115kV line
SBA	AL	384215	HOLT 6 230.00	384374	S. BESSEMER 230.00	1	230	25	2023	Planned	Reliability	Construct approximately 25 mi of new 230kV line
SBA	AL	384284	MASSEYRD 115.00	385355	MASSEYRDTP 115.00	1	115	0.25	2018	Committed	Reliability	Construct new 115kV switching station
SBA	AL	384306	SHENRYDAM 115.00	384309	3CEDARBND 115.00	1	115	9.03	2018	Committed	Reliability	Upgrade approximately 9 mi of 115kV line to 125 C
SBA	AL	384319	OXANNA 115.00	385511	OX TAP 115.00	1	115	0.67	2018	Committed	Reliability	Loop existing line into new substation
SBA	AL	384348	S.TUSC 3 115.00	385033	ALBERTA 115.00	1	115	3.4	2018	Committed	Reliability	Construct approximately 3 of new 115kV line
SBA	AL	384348	S.TUSC 3 115.00	385427	MNDVILLETAP 115.00	1	115	9	2018	Committed	Reliability	Construct a new 115kV substation
SBA	AL	384419	3RED RDGE 115.00	385149	3TURNERRD 115.00	1	115	3.8	2018	Committed	Reliability	Upgrade approximately 4 mi of 115kV line to 100 C
SBA	AL	384419	3RED RDGE 115.00	384420	3DADVL LD 115.00	1	115	6.2	2018	Committed	Reliability	Upgrade approximately 6 mi of 115kV line to 100 C
SBA	AL	384421	3DADVL #2 115.00	384403	3CROOK CK 115.00	1	115	30.7	2018	Committed	Reliability	Upgrade approximately 31 mi of 115kV line to 100 C
SBA	AL	384422	3NEWSITTP 115.00	384420	3DADVL LD 115.00	1	115	12.8	2018	Committed	Reliability	Upgrade approximately 13 mi of 115kV line to 100 C
SBA	AL	384422	3NEWSITTP 115.00	384403	3CROOK CK 115.00	1	115	18.69	2018	Committed	Reliability	Upgrade approximately 19 mi of 115kV line to 100 C
SBA	AL	384435	S AUBURN 115.00	384441	SANFORD_SS 115.00	1	115	8.9	2018	Committed	Reliability	Construct approximately 9 mi of new 115kV line
SBA	AL	384441	SANFORD_SS 115.00	385512	SONAUBTP 115.00	1	115	2.94	2018	Committed	Reliability	Rebuild approximately 3 mi of 115kV line
SBA	AL	384444	DOW CORNING 115.00	385908	MT MEIGS SS 115.00	1	115	1.55	2023	Planned	Reliability	Construct approximately 2 mi of new 115kV line
SBA	AL	384451	OPEL #1 115.00	384452	OPEL #3 115.00	1	115	1.8	2018	Committed	Reliability	Reconductor approximately 2 mi of 115kV line
SBA	AL	384471	GREENCO6 230.00	385907	BASSETTCK6 230.00	1	230	58	2018	Committed	Reliability	Construct approximately 58 mi of new 230kV line
SBA	AL	384489	N SELMA6 230.00	385500	HARRIS SS 230.00	1	230	25.9	2023	Planned	Reliability	Upgrade approximately 26 mi of 230kV line to 100C
SBA	AL	384523	HUNTERS 115.00	385046	CATOMATP 115.00	1	115	11.7	2018	Committed	Reliability	Construct approximately 12 mi of new 115kV line
SBA	AL	384557	GREENVL3 115.00	384561	ECIGREEN 115.00	1	115	0.5	2023	Planned	Reliability	Reconductor approximately 1 mi of 115kV line
SBA	AL	384562	COASTFOR 115.00	384561	ECIGREEN 115.00	1	115	10.03	2023	Planned	Reliability	Reconductor approximately 10 mi of 115kV line
SBA	AL	384562	COASTFOR 115.00	384563	ECIGEORG 115.00	1	115	1.4	2023	Planned	Reliability	Reconductor approximately 1 mi of 115kV line
SBA	AL	384598	PINCK 6 230.00	385351	S.ENTER TS6 230.00	1	230	20.35	2018	Committed	Reliability	Construct a new 115/230kV substation
SBA	AL	384599	DOTHAN 115.00	384602	ECI WEBB 115.00	1	115	5.24	2023	Planned	Reliability	Reconductor approximately 5 mi of 115kV line
SBA	AL	384600	FARLEY 8 500.00	384601	FARLEY 6 230.00	1	500/230	-	2018	Committed	Reliability	Upgrade 500/230kV autobank
SBA	AL	384600	FARLEY 8 500.00	384601	FARLEY 6 230.00	2	500/230	-	2018	Committed	Reliability	Upgrade 500/230kV autobank
SBA	FL	384611	SAMSON 230.00	387310	SHOAL RV6 230.00	1	115	40.78	2023	Planned	Reliability	Reconductor approximately 41 mi of 230kV line
SBA	AL	384622	N BREWTON 3 115.00	384626	N BREWTON DS 115.00	1	115	6	2023	Planned	Reliability	Construct approximately 6 mi of new 115kV line
SBA	AL/FL	384623	N BREWTON 6 230.00	387124	ALLIGATR SWAMP 230.00	1	230	17	2018	Committed	Reliability	Construct approximately 17 mi of new 230kV line
SBA	AL	384638	CHICKASAW 230.00	384700	BARRY 230.00	1	230	18.6	2023	Planned	Reliability	Reconductor approximately 19 mi of 230kV line
SBA	AL	384641	SILVER 3 B2 115.00	17996	FISHRVTP 115.00	1	115	6	2018	Committed	Reliability	Reconductor approximately 6 mi of 115kV line
SBA	AL	384642	BIG CREEK 230.00	388815	WADE SS 230.00	1	230	8.4	2023	Planned	Reliability	Construct approximately 8 mi of new 230kV line
SBA	AL	384658	BLAKELY ISLAND 115.00	385934	CHICK B1 115.00	1	115	0.57	2023	Planned	Reliability	Reconductor approximately .5 mi of 115kV line
SBA	AL	384658	BLAKELEY 115.00	384659	KIMCLARK 115.00	1	115	4.9	2023	Planned	Reliability	Rebuild approximately 4 mi of 115 kV line
SBA	AL	384663	EMCBARN 115.00	384753	PCLARTP 115.00	1	115	6.03	2018	Committed	Reliability	Reconductor approximately 6 mi of 115kV line
SBA	AL	384663	EMCBARN 115.00	17250	TURKEY H_B 115.00	1	115	2.75	2018	Committed	Reliability	Construct approximately 3 mi of new 115kV line
SBA	AL	384669	CRICHTN1 115.00	384666	WOLFRDG1 115.00	1	115	1.33	2018	Committed	Reliability	Construct approximately 1 mi of new 115kV line
SBA	AL	384700	BARRY 6 230.00	387057	ECUA 230.00	1	230	27.1	2018	Committed	Reliability	Upgrade approximately 27 mi of 230kV line to 125 C
SBA	AL	384708	N THEO 3 115.00	384645	PRAXTHEO 115.00	1	115	5.4	2018	Committed	Reliability	Construct approximately 5 of new 115kV line
SBA	AL	384737	HOPEHULL 115.00	385513	LAMAR TP 115.00	1	115	1.3	2018	Committed	Reliability	Reconductor approximately 1 mi of 115kV line
SBA	AL	384740	GKN W LD 115.00	385257	HALACLTP 115.00	1	115	3.1	2018	Committed	Reliability	Reconductor approximately 3 mi of 115kV line
SBA	AL	384767	OXFORDTP 115.00	385511	OX TAP 115.00	1	115	2.072	2018	Committed	Reliability	Loop existing line into new substation
SBA	AL	385003	3GRANTMIL 115.00	385191	3MTSITETP 115.00	1	115	3.39	2018	Committed	Reliability	Upgrade approximately 4 mi of 115kV line to 100 C
SBA	AL	385003	3GRANTMIL 115.00	384240	3LEEDSTS3 B3115.00	1	115	4.5	2018	Committed	Reliability	Upgrade approximately 5 mi of 115kV line to 100 C

SBA	AL	385007	PINOAKS_SS 115.00	385512	SONAUBTP 115.00	1	115	4.44	2018	Committed	Reliability	Rebuild approximately 4 mi of 115 kV line
SBA	AL	385069	NRAINBOW 115.00	384311	GS STEEL B2 115.00	1	115	1.94	2018	Committed	Reliability	Reconductor approximately 2 mi of 115kV line
SBA	FL	385085	GENEVATP 115.00	17315	PITTMAN 115.00	1	115	2.6	2023	Planned	Reliability	Upgrade approximately 3 mi of 115kV line to 100 C
SBA	AL	385157	ENGLWDTP 115.00	385430	NO MNDVIL 115.00	1	115	2.75	2018	Committed	Reliability	Construct a new 115kV substation
SBA	AL	385157	ENGLWDTP 115.00	385427	MNDVILLETAP 115.00	1	115	1.4	2018	Committed	Reliability	Construct a new 115kV substation
SBA	AL	385235	E PELHM6 230.00	385281	12 OAKS 230.00	1	230	3.4	2018	Committed	Reliability	Upgrade approximately 4 mi of 230kV line to 110 C
SBA	AL	385333	VIDA TAP 115.00	384488	N SELMA3 115.00	1	115	6.9	2018	Committed	Reliability	Construct approximately 7 mi of new 115kV line
SBA	AL	385333	VIDA TAP 115.00	384501	IPAPERTP 115.00	1	115	0	2018	Committed	Reliability	Construct line from new tap point to IPaperTp
SBA	AL	385349	6N WISNVL DS230.00	385281	12 OAKS 230.00	1	230	6.95	2018	Committed	Reliability	Upgrade approximately 7 mi of 230kV line to 110 C
SBA	AL	385349	6N WISNVL DS230.00	384400	6GASTON 230.00	1	230	1.6	2018	Committed	Reliability	Upgrade approximately 2 mi of 230kV line to 110 C
SBA	AL	385351	S.ENTER TS6 230.00	317149	OPP 6 230.00	1	230	22.05	2018	Committed	Reliability	Construct a new 115/230kV substation
SBA	AL	385351	S.ENTER TS6 230.00	385352	S.ENTER TS3 115.00	1	115/230	-	2018	Committed	Reliability	Construct a new 115/230kV substation
SBA	AL	385352	S.ENTER TS3 115.00	384813	ENTPRISE 115.00	1	115	5.1	2018	Committed	Reliability	Construct a new 115/230kV substation
SBA	AL	385415	3N CEDAR TP 115.00	384309	3CEDARBND 115.00	1	115	0.62	2018	Committed	Reliability	Upgrade approximately 1 mi of 115kV line to 125 C
SBA	AL	385426	MOUNDVIL3 115.00	385427	MNDVILLETAP 115.00	1	115	7.1	2018	Committed	Reliability	Construct a new 115kV substation
SBA	AL	385520	PEARTREE_SS 115.00	317423	FARMVIL AEC 115.00	1	115	2.8	2018	Committed	Reliability	Construct a new 115kV substation
SBA	AL	385520	PEARTREE_SS 115.00	384874	WIRE RD 115.00	1	115	5	2018	Committed	Reliability	Construct a new 115kV substation
SBA	AL	385520	PEARTREE_SS 115.00	384418	MART DAM SB 115.00	1	115	20.3	2018	Committed	Reliability	Construct a new 115kV substation
SBA	AL	385897	CO LINE6 230.00	384508	MONTG SS 230.00	1	230	12.43	2018	Committed	Reliability	Upgrade approximately 12 mi of 230kV line to 200 C
SBA	AL	385898	CO LINE3 115.00	384481	ECI PRAT 115.00	1	115	6.5	2018	Committed	Reliability	Construct approximately 6 mi of new 115kV line
SBA	AL	385907	BASSETTCK6 230.00	17106	ARN230 230.00	1	230	25	2023	Planned	Reliability	Construct approximately 25 mi of new 230kV line
SBA	AL	385914	SLOCOMTS6 230.00	385915	SLOCOMDS6 230.00	1	230	0.255	2018	Committed	Reliability	Construct approximately .25 mi of new 230kV line
SBA	AL	385914	SLOCOMTS6 230.00	384598	PINCK 6 230.00	1	230	12.5	2018	Committed	Reliability	Construct approximately 12 mi of new 230kV line
SBA	AL	385930	ANISTON3 B2 115.00	385511	OX TAP 115.00	1	115	2.071	2018	Committed	Reliability	Loop existing line into new substation
SBA	AL	385940	3MART DAM B1115.00	384421	3DADVL #2 115.00	1	115	15.8	2018	Committed	Reliability	Upgrade approximately 16 mi of 115kV line to 100 C
SBA	AL	385943	FTRUCK#2 115.00	384618	PINCK 3 115.00	1	115	0.31	2018	Committed	Reliability	Reconductor approximately .3 mi of 115kV line
SBA	AL	385950	3MART DAM NB115.00	385149	3TURNERRD 115.00	1	115	5.8	2018	Committed	Reliability	Upgrade approximately 6 mi of 115kV line to 100 C
SBA	AL	385951	RAINBOW SS 115.00	384310	RAINBOW 115.00	1	115	1	2018	Committed	Reliability	Construct new 115kV substation
SBA	AL	385951	RAINBOW SS 115.00	385419	KEYSTONE TP 115.00	1	115	0.76	2018	Committed	Reliability	Construct new 115kV substation
SBA	AL	385951	RAINBOW SS 115.00	384233	CLAY 3 115.00	1	115	11.7	2023	Planned	Reliability	Construct approximately 12 mi of new 115kV line
SBA	AL	385952	NSELMATP 115.00	384428	MITCHDAM 115.00	1	115	10.5	2023	Planned	Reliability	Construct approximately 10 mi of new 115kV line
SBA	AL	385952	NSELMATP 115.00	384504	CLANT TP 115.00	1	115	0.2	2023	Planned	Reliability	Construct approximately .2 mi of new 115kV line
SBA	FL	387060	CRIST6 230.00	387057	ECUA 230.00	1	230	4.5	2018	Committed	Reliability	Upgrade approximately 5 mi of 230kV line to 125 C
SBA	FL	387070	BRENTWD 115.00	387091	S HILLS2 115.00	1	115	4.8	2018	Committed	Reliability	Reconductor approximately 5 mi of 115kV line
SBA	FL	387124	ALLIGATR 230.00	387309	ANTIOCH 230.00	1	230	38.47	2018	Committed	Reliability	Loop Crist-Shoal River line into Alligator Swamp 230kV station
SBA	FL	387131	CYAN TAP 115.00	387113	AVALON 115.00	1	115	4	2023	Planned	Reliability	Construct a new 115kV substation
SBA	FL	387131	CYAN TAP 115.00	387125	E CHM TP 115.00	1	115	1.42	2023	Planned	Reliability	Construct a new 115kV substation
SBA	FL	387131	CYAN TAP 115.00	387130	AMER CYN 115.00	1	115	0.02	2023	Planned	Reliability	Construct a new 115kV substation
SBA	FL	387310	SHOAL RV6 230.00	387309	ANTIOCH 230.00	1	230	2.59	2018	Committed	Reliability	Loop Crist-Shoal River line into Alligator Swamp 230kV station
SBA	FL	387544	HOLMESCK6 230.00	387849	HIGH CTY6 230.00	1	230	68.7	2018	Committed	Reliability	Construct approximately 69 mi of new 230kV line
SBA	FL	387544	HOLMESCK6 230.00	385915	SLOCOMDS6 230.00	1	230	10.2	2018	Committed	Reliability	Construct approximately 10 mi of new 230kV line
SBA	FL	387545	HOLMES C 115.00	387585	MARIANNA 115.00	1	115	20.9	2018	Committed	Reliability	Reconductor approximately 21 mi of 115kV line
SBA	FL	387545	HOLMES C 115.00	17315	PITTMAN 115.00	1	115	20.1	2023	Planned	Reliability	Upgrade approximately 20 mi of 115kV line to 100 C
SBA	FL	387765	LAGUNA B6 230.00	387776	S ROSA6 230.00	1	230	21.35	2018	Committed	Reliability	Construct approximately 21 mi of new 230kV line
SBA	FL	387783	CRSTLBCH 115.00	17212	BLUEWATER 115.00	1	115	7.23	2018	Committed	Reliability	Upgrade approximately 7 mi of 115kV line to 100C
SBA	MS	388006	LAUDRDLE 230.00	384471	GREENCO6 230.00	1	230	51.03	2018	Committed	Reliability	Upgrade approximately 51 mi of 230kV line to 100C
SBA	MS	388023	MDN IND 115.00	388001	MDN NE3 115.00	1	115	3.4	2018	Committed	Reliability	Construct approximately 3 mi of new 115kV line to new 115kV station
SBA	MS	388023	MDN IND 115.00	388037	VIMVILLE3 115.00	1	115	6	2018	Committed	Reliability	Construct approximately 6 mi of new 115kV line to new 115kV station
SBA	MS	388024	MERIDIAN B1 115.00	388055	FLINTKTE 115.00	1	115	2.3	2018	Committed	Reliability	Rebuild approximately 2 mi of 115kV line
SBA	MS	388060	DELCO REMY 115.00	388067	SWEATT B1 115.00	1	115	2.2	2018	Committed	Reliability	Rebuild approximately 2 mi of 115kV line
SBA	MS	388205	AMARANTH 115.00	388194	DENHEIDT 115.00	1	115	13.3	2018	Committed	Reliability	Rebuild approximately 13 mi of 115kV line
SBA	MS	388216	TELL TAP 115.00	388212	EUCTTATP 115.00	1	115	5.67	2018	Committed	Reliability	Construct a new 115kV substation
SBA	MS	388216	TELL TAP 115.00	388215	WAYNESBO 115.00	1	115	5.03	2018	Committed	Reliability	Construct a new 115kV substation
SBA	MS	388216	TELL TAP 115.00	388217	TELLUS 115.00	1	115	3.7	2018	Committed	Reliability	Construct a new 115kV substation
SBA	MS	388260	28AVE TP 115.00	388318	W HATSBURG 115.00	1	115	3.2	2018	Committed	Reliability	Rebuild approximately 3 mi of 115kV line
SBA	MS	388271	HATBG SW3 115.00	388273	HWY 11 115.00	1	115	1.69	2018	Committed	Reliability	Reconductor approximately 2 mi of 115kV line
SBA	MS	388351	HURRICANE CK 115.00	388555	WIGNS SS 115.00	1	115	8.76	2018	Committed	Reliability	Reconductor approximately 9 mi of 115kV line
SBA	MS	388501	WATSON B1 115.00	388503	WATSON B3 115.00	1	115	-	2018	Committed	Reliability	Replace 115kV bus tie breaker
SBA	MS	388555	WIGNS SS 115.00	388560	WGNS 5AV 115.00	1	115	3.7	2023	Planned	Reliability	Reconductor approximately 4 mi of 115kV line
SBA	MS	388586	OAK ST 115.00	388584	KEESLER 115.00	1	115	3.8	2018	Committed	Reliability	Construct approximately 4 mi of new 115kV line to new 115kV station
SBA	MS	388586	OAK ST 115.00	388587	PERCYST 115.00	1	115	1.7	2018	Committed	Reliability	Construct approximately 2 mi of new 115kV line to new 115kV station
SBA	MS	388706	MSPT EFR3 115.00	388711	MOSSPT E3 115.00	1	115/230	2	2018	Committed	Reliability	Convert Station from 230kV operation to 115kV operation
SBA	MS	388706	MSPT EFR3 115.00	388713	MSPT E T 115.00	1	115/230	1.8	2018	Committed	Reliability	Convert Station from 230kV operation to 115kV operation
SBA	MS	388710	MOSSPT E 230.00	388711	MOSSPT E 115.00	1	230/115	-	2023	Planned	Reliability	Upgrade 230/115kV transformer bank
SBA	MS	388800	OCNSP NE6 230.00	388801	OCNSP NE3 115.00	1	230/115	-	2018	Committed	Reliability	Install new 230/115kV transformer bank
SBA	GA	389001	MCINTOSH 230.00	389155	BLANDFORD 230.00	1	230	8.6	2018	Committed	Reliability	Reconductor approximately 9 mi of 230kV line
SBA	GA	389001	MCINTOSH 230.00	312721	PURRYSBURG	2	230	4.79	2018	Committed	Reliability	Connect second tie line
SBA	GA	389001	MCINTOSH 230.00	389002	MCINTOSH 115.00	1	230/115	-	2018	Committed	Reliability	Replacement of existing 230/115 transformer bank
SBA	GA	389001	MCINTOSH 230.00	389153	MCINTOSH 10 230.00	1	230	0.35	2023	Planned	Reliability	Relocate the McIntosh 10CC from W McIntosh to McIntosh

SBA	GA	389007	KRAFT 115.00	389004	KRAFT 46.00	1	115/46	-	2018	Committed	Reliability	Install a new 115/46kV transformer bank
SBA	GA	389021	MCINTOSH 115.00	380556	GOSHEN 115.00	1	115	8.3	2023	Planned	Reliability	Reconductor approximately 8 mi of 115kV line
SBA	GA	389044	MELDRIM 230.00	389155	BLANDFORD 230.00	1	230	9.6	2018	Committed	Reliability	Reconductor approximately 10 mi of 230kV line
SBA	GA	389067	LT OGEECHEE 115.00	380592	DANIEL SIDING 115.00	1	115	9.6	2023	Planned	Reliability	Reconductor approximately 10 mi of 115kV line
SBA	GA	389147	DEAN FOREST 115.00	389117	MILLHAVEN 115.00	1	115	5.3	2018	Committed	Reliability	Construct approximately 5 mi of new 115kV line
SCE&G	SC	370011	AM Williams	370701	Cainhoy	2	230	9	2018	Planned	Reliability	Construct approximately 9 mi of 230kV
SCE&G	SC	370012	VCS Sub 1	370105	Killian	1	230	38	2018	Construction	Reliability	Construct approximately 38 mi of 230kV
SCE&G	SC	370021	VCS Sub 2	370201	Lake Murray	2	230	19	2018	Construction	Reliability	Construct approximately 19 mi of 230kV
SCE&G	SC	370021	VCS Sub 2	370404	St George	1	230	135	2018	Planned	Reliability	Construct approximately 135 mi of 230kV
SCE&G	SC	370021	VCS Sub 2	370404	St George	2	230	135	2018	Planned	Reliability	Construct approximately 135 mi of 230kV
SCE&G	SC	370204	Columbia Industrial Park	370240	Columbia Industrial Park	2	230/115	0	2018	Committed	Reliability	Install a second 230/115kV autotransformer
SCE&G	SC	370302	Graniteville	370306	Urquhart	2	230	17.76	2018	Planned	Reliability	Construct approximately 18 mi of 230kV
SCE&G	SC	370404	St George	370406	Canadys	1	230	9.5	2018	Committed	Reliability	Rebuild approximately 10 mi of 230kV
SCE&G	SC	370404	St George	370507	Summerville	1	230	27.2	2018	Committed	Reliability	Rebuild approximately 27 mi of 230kV
SCE&G	SC	370405	Okatie	370410	Okatie	1	230/115	0	2018	Committed	Reliability	Construct a new 230/115kV substation
SCE&G	SC	370701	Cainhoy	370710	Cainhoy	1	230/115	0	2018	Planned	Reliability	Construct a new 230/115kV substation
SCPSA	SC	311381	Dalzell	311384	Lake City	1	230	45	2023	Planned	Reliability	Dalzell-Lake City 230 kV Line
SCPSA	SC	311382	Winnsboro	311059	Winnsboro		230/69		2018	Construction	Reliability	Winnsboro 230-69 kV Sub
SCPSA	SC	311382	Winnsboro	311654	Richburg	1	230	26.3	2018	Committed	Reliability	Winnsboro-Richburg 230 kV Line
SCPSA	SC	311612	Pomaria	312737	Sandy Run	1	230	58	2018	Planned	Reliability	Pomaria-Sandy Run 230 kV Line
SCPSA	SC	311654	Richburg	311399	Richburg		230/69		2018	Committed	Reliability	Richburg 230-69 kV Sub
SCPSA	SC	311654	Richburg	312732	Flat Creek	1	230	32.45	2018	Committed	Reliability	Richburg-Flat Creek 230 kV Line
SCPSA	SC	311673	Wassamassaw	311674	Wassamassaw		230/115		2023	Planned	Reliability	Wassamassaw 230-115 kV Sub
SCPSA	SC	311716	Bucksville	311717	Bucksville		230/115		2018	Construction	Reliability	Bucksville 230-115 kV Sub
SCPSA	SC	311717	Bucksville	312766	Garden City	1	115	15	2018	Planned	Reliability	Bucksville-Garden City 115 kV Line
SCPSA	SC	312710	Cross	311673	Wassamassaw	2	230	18.3	2023	Planned	Reliability	Cross-Wassamassaw 230 kV Line
SCPSA	SC	312719	Winyah	311716	Bucksville	1	230	32.5	2018	Committed	Reliability	Winyah-Bucksville 230 kV Line
SCPSA	SC	312729	Marion	312726	Red Bluff	1	230	47	2018	Planned	Reliability	Marion-Red Bluff 230 kV Line
SCPSA	SC	312737	Sandy Run	311330	Sandy Run		230/115		2018	Planned	Reliability	Sandy Run 230-115 kV Sub
SCPSA	SC	312737	Sandy Run	311627	Orangeburg	1	230	33.2	2018	Planned	Reliability	Sandy Run-Orangeburg 230 kV Line
SCPSA	SC	312737	Sandy Run	311378	Pinewood	1	230	44	2023	Planned	Reliability	Sandy Run-Pinewood 230 kV Line
SCPSA	SC	370012	VC Summer	311382	Winnsboro	1	230	14	2018	Construction	Reliability	VC Summer-Winnsboro 230 kV Line
SCPSA	SC	370012	VC Summer	311612	Pomaria	2	230	6.93	2018	Committed	Reliability	VC Summer-Pomaria 230 kV Line #2
SPP	AR	506980	Shipe Road 161	506929	EAST CENTERTON 161KV	1	161	9	2018	Planned	Regional Reliability	Install 9 miles of 161 kV from new Shipe Road Substation to East Centerton Substation.
SPP	AR	506979	Shipe Road 345	506980	Shipe Road 161	1	345/161	0		Planned	Regional Reliability	Install 345/161 kV transformer at Shipe Road.
SPP	AR	506935	FLINT CREEK 345KV	506979	Shipe Road 345	1	345	18	2018	Planned	Regional Reliability	Install 18 miles of new 345 kV, 2-954 ACSR line.
SPP	AR	506944	CHAMBER SPRINGS 161KV	504020	FARMINGTON AECC	1	161	11.1	2018	Planned	Regional Reliability	Rebuild and reconductor 11.1-mile 161 kV line from Chamber Springs to Farmington REC with 2-959.6 ACSR/TW. Upgrade wavetraps, CT ratios, and relay settings at Chamber Springs.
SPP	AR	506987	Kings River 161 kV	506988	Kings River 161 kV	1	345/161	0	2018	Planned	Regional Reliability	Install new 345/161 kV transformer at Kings River (Previous name Osage Creek)
SPP	OK	515234	PECAN CREEK 161	515228	5 TRIBES 161	1	161	4.07	2018	Planned	Regional Reliability	Reconductor 4.07-mile Five Tribes - Pecan Creek 161 kV line. Increase CT ratios at Pecan Creek to 2000 A. Replace two wavetraps, one 161 kV breaker, three switches and increase CT ratio at Five Tribes.
SPP	OK	515458	Border	515375	Woodward EHV 345kv	1	345	125	2018	Planned	Balanced Portfolio	Build new 345 kV line from Woodward EHV to Border
	OGE	515376	Woodward EHV 138kv	515375	Woodward EHV 345kv		345/138	0	2018	Planned	Balanced Portfolio	Install 2nd 345/138 kV transformer at Woodward EHV
SPP	OK	515458	Border				345	0	2018	Planned	Balanced Portfolio	Build midpoint reactor station at interception point of Woodward to Tuco line.
SPP	MO	542982	IATAN 345 KV	542980	PAOLA 345KV	1	345	31	2018	Planned	Balanced Portfolio	Add 345 kV line terminal at Iatan. Add ring bus at Iatan to accommodate line terminals. Build 31 miles of new 345 kV line from Iatan to Nashua.
SPP	MO	542980	PAOLA 345KV	543028	NASHUA 161 KV	1	345/161	0	2018	Planned	Balanced Portfolio	Install new 345/161 kV transformer at Nashua
SPP	TX	525832	TUCO Interchange 345 kV	515458	Border	1	345	202	2018	Planned	Balanced Portfolio	Build new 345 kV line from Tuco to OGE's Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
SPP	TX	526525	Wolfforth Interchange 230 kV	526161	Carlisle Interchange 230 kV	1	230	16.8	2018	Planned	Regional Reliability	Build new 16.8-mile 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
SPP	TX	524010	Cherry Sub 230 kV	523959	Potter County Interchange 230 kV	1	230	0.1	2018	Planned	Regional Reliability	Tap Potter - Harrington West 230 kV line at Cherry and bring 230 kV into Cherry substation.
SPP	TX	525461	Newhart Interchange 230 kV	525213	Swisher County Interchange 230 kV	1	230	19	2018	Planned	Regional Reliability	New 19 mile Swisher County Interchange - Newhart 230 kV line.
SPP	TX	524770	Pleasant Hill 230 kV	524875	Oasis Interchange 230 kV	1	230	16	2018	Planned	Regional Reliability	Build new 16 mile Pleasant Hill - Oasis 230 kV line.
SPP	TX	524770	Pleasant Hill 230 kV	524909	Roosevelt County Interchange NORTH 230 kV	1	230	26	2018	Planned	Regional Reliability	Build new 26 mile Pleasant Hill - Roosevelt County 230 kV line.
SPP	OK/TX	510911	VALLIANT 345KV	508072	NORTHWEST TEXARKANA 345KV	1	345	76.25	2018	Planned	High Priority	Build a new 76 mile 345 kV line from Valliant to NW Texarkana with at least 3000 A capacity. Upgrade the Valliant and NW Texarkana substations with the necessary breakers and terminal equipment.
SPP	MO	541201	Sibley 345 KV	541197	Maryville 345 kV	1	345	105	2018	Planned	High Priority	Build a new 105 mile 345 kV line with at least 3000 A capacity from Sibley to a new Mullins Creek (formerly Maryville) substation. Upgrade the Sibley substation with the necessary breakers and terminal equipment.
SPP	MO/NE	645458	Sub 3458 (Neb Cty)	541197	Maryville 345 kV		345	65	2018	Planned	High Priority	Build a new 345 kV substation at Mullins Creek (formerly Maryville) with a ring bus and necessary terminal equipment. Build a new 65 mile 345 kV line with at least 3000 A capacity from the new Mullins Creek substation to the Missouri/Nebraska state border towards OPPD's Nebraska City substation.

SPP	MO/NE	645458	Sub 3458 (Neb Cty)	541197	Maryville 345 kV	1	345	11.2	2018	Planned	High Priority	Build a new 11.2 mile 345 kV line with at least 3000 A capacity from the Nebraska City substation to the Missouri/Nebraska state border towards KCPL's Mullins Creek (formerly Maryville) substation. Upgrade the Nebraska City substation with the necessary breakers and terminal equipment.
SPP	OK/TEX	523097	Hitchland Interchange 345 kV	515375	Woodward EHV 345kv	1	345	116	2018	Planned	High Priority	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipment.
SPP	OK/TEX	523097	Hitchland Interchange 345 kV	515375	Woodward EHV 345kv	2	345	116	2018	Planned	High Priority	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipment.
SPP	TX	523097	Hitchland Interchange 345 kV	523095	Hitchland Interchange 230 kV	2	345/230	0	2018	Planned	High Priority	Install a second 345/230 kV transformer at Hitchland substation.
SPP	OK	539801	Thistle 345 kV	515375	Woodward EHV 345kv	1	345	110	2018	Planned	High Priority	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Medicine Lodge substation. Upgrade the Woodward District EHV substation with the necessary breakers and terminal equipment.
SPP	OK	539801	Thistle 345 kV	515375	Woodward EHV 345kv	2	345	110	2018	Planned	High Priority	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Medicine Lodge substation. Upgrade the Woodward District EHV substation with the necessary breakers and terminal equipment.
SPP	KS	531469	SPEARVILLE	539800	Clark Co 345 kV	1	345	27.5	2018	Planned	High Priority	Build a new 36 mile 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Comanche County 345 kV substation with a ring bus and necessary terminal equipment.
SPP	KS	539800	Clark Co 345 kV	539801	Thistle 345 kV	1	345	86	2018	Planned	High Priority	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle near Flat Ridge with the necessary breakers and terminal equipment for connecting the Spearville-Thistle-Wichita double circuit transmission lines and for connecting to the Woodward District EHV 345 kV double circuit transmission lines.
SPP	KS	539800	Clark Co 345 kV	539801	Thistle 345 kV	2	345	86	2018	Planned	High Priority	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle near Flat Ridge with the necessary breakers and terminal equipment for connecting the Spearville-Thistle-Wichita double circuit transmission lines and for connecting to the Woodward District EHV 345 kV double circuit transmission lines.
SPP	KS	539801	Thistle 345 kV	532796	WICHITA 345 KV	1	345	77.5	2018	Planned	High Priority	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to ITC Great Plains' Thistle 345 kV substation.
SPP	KS	539801	Thistle 345 kV	532796	WICHITA 345 KV	2	345	77.5	2018	Planned	High Priority	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to ITC Great Plains' Thistle 345 kV substation.
SPP	KS	532796	WICHITA 345 KV				345	0	2018	Planned	High Priority	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
SPP	OK	514908	ARCADIA 345	514909	REDBUD 345	3	345	5	2023	Planned	Transmission Service	Add 3rd 345kV line from Arcadia to Redbud
SPP	KS	533876	FRANKLIN				161	0	2018	Planned	Regional Reliability	Tap Litchfield - Marmaton 161 kV line at new Franklin substation
SPP	TX	523869	Channing 230 kV	523959	Potter County Interchange 230 kV	1	230	52	2018	Planned	Regional Reliability	Convert 26 miles of 115 kV line from Channing to Potter to 230 kV and upgrade necessary terminal equipment at Potter.
SPP	OK	515305	FT SMITH 500	515300	FT SMITH 161		500/161	0	2018	Planned	Transmission Service	Convert Ft. Smith 161KV to 1-1/2 breaker design and install 3rd 500-161KV transformer bank.
SPP	OK	515336	VBI 69	504032	VBI NORTH		161	0	2018	Planned	Transmission Service	Upgrade CT
SPP	TX	526525	Wolfforth Interchange 230 kV	526677	Grassland Interchange 230 kV	1	230	47.04	2018	Planned	ITP10	Build new 230 kV line from Wolfforth to Grassland, and install terminal equipment at Grassland and Wolfforth substations.
SPP	OK	515375	Woodward EHV 345kv	515407	Tatonga 345kv	2	345	49	2023	Planned	ITP10	Build second circuit of new 49-mile 345 kV line from Woodward District EHV to Tatonga.
SPP	OK	515407	Tatonga 345kv	515497	MATHEWSON 345	2	345	61	2023	Planned	ITP10	Build second circuit of new 61-mile 345 kV line from Tatonga to new Matthewson substation.
SPP	OK	515497	MATHEWSON 345	514901	CIMARRON 345	2	345	16	2023	Planned	ITP10	Build second circuit of new 16-mile 345 kV line from the new Matthewson substation to Cimarron.
SPP	OK	515497	MATHEWSON 345				345	0	2023	Planned	ITP10	Build new Matthewson 345 kV substation at the intersection of the Woodring - Cimarron and Northwest - Tatonga 345 kV lines.
SPP	KS	539805	Elm Creek 345 kV	532773	SUMMIT 345 KV	1	345	60	2018	Planned	ITP10	Build new 345 kV line from the Elm Creek substation to the Westar Energy, Inc. interception point from the Summit substation.
SPP	KS	539805	Elm Creek 345 kV	539639	Elm Creek Substation		345/230	0	2018	Planned	ITP10	Install new 345/230 kV transformer at Elm Creek.
SPP	KS	539805	Elm Creek 345 kV				345	0	2018	Planned	ITP10	Install terminal equipment on the 345 kV side of the Elm Creek substation.
SPP	KS	539639	Elm Creek Substation				230	0	2018	Planned	ITP10	Install terminal equipment on the 230 kV side of the Elm Creek substation.
SPP	NE	640226	Hoskins 345 kV	640520	Neligh 345 kV	1	345	41	2018	Planned	Regional Reliability	Build a new 41-mile 345 kV line from Hoskins to Neligh.
SPP	NE	640500	Cherry County 345 kV	640183	Gerald Gentleman Station	1	345	110	2018	Planned	ITP10	Build new 110-mile 345 kV line from Gerald Gentleman Station substation to new Cherry County substation. This upgrade is contingent upon approval from Western Area Power Administration ("WAPA") to tap the Grand Island - Fort Thompson 345 kV line.

SPP	NE	640500	Cherry County 345 kV				345	0	2018	Planned	ITP10	Build new Cherry County 345 kV substation and install necessary terminal equipment. This upgrade is contingent upon approval from WAPA to tap the Grand Island - Fort Thompson 345 kV line.
SPP	NE	640500	Cherry County 345 kV	640503	Holt County 345 kV	1	345	117	2018	Planned	ITP10	Build new 117-mile 345 kV line from new Cherry County substation to new Holt County substation. This upgrade is contingent upon approval from WAPA to tap the Grand Island - Fort Thompson 345 kV line.
SPP	NE	640503	Holt County 345 kV				345	0	2018	Planned	ITP10	Build new Holt County 345 kV substation tap on the Grand Island - Fort Thompson 345 kV line owned by WAPA. Install necessary terminal equipment at new substation. This upgrade is contingent upon approval from WAPA to tap the Grand Island - Fort Thompson 345 kV line.
SPP	TX	525832	TUCO Interchange 345 kV	526462	Amoco 345 kV	1	345	65.91	2023	Planned	ITP10	Build new 67-mile 345 kV line from Tuco to Amoco.
SPP	TX	526462	Amoco 345 kV	526460	Amoco Switching Station 230 kV (Amoco Slaughter)		345/230	3.53	2023	Planned	ITP10	Install new 345/230 kV transformer at Amoco.
SPP	NM	527896	Hobbs 345 kV	527894	Hobbs Interchange 230 kV		345/230	0	2023	Planned	ITP10	Install new 345/230 kV transformer at Hobbs.
SPP	NM/TX	526462	Amoco 345 kV	527896	Hobbs 345 kV	1	345	113	2023	Planned	ITP10	Build new 100 mile Amoco - Hobbs 345 kV line. Expand the Hobbs substation.
SPP	KS	532767	Geary County 345 kV				345	0		Planned	Regional Reliability	Install 345 kV ring bus at the new Geary County substation.
SPP	OK	515800	Gracemont 345kV				345	0	2018	Planned	Regional Reliability	Install a 50 Mvar reactor at Gracemont 345 kV bus.
SPP	OK	515476	Hunter 345 kV				345	0	2018	Planned	Regional Reliability	Install a 30 Mvar reactor at Hunter 345 kV bus for the Hunter - Wichita 345 kV line.
SPP	OK	515407	Tatonga 345kV	515375	Woodward EHV 345kV		345	0	2018	Planned	Regional Reliability	Install a 30 Mvar reactor at the Tatonga 345 kV bus on the Tatonga - Woodward District 345 kV line.
SPP	KS	532798	Viola 7				345	0	2018	Planned	Regional Reliability	Install 345 kV breakers at Viola substation.
SPP	OK						345	0.06	2018	Planned	Regional Reliability	Build substation at Renfrow and tap Woodring-Wichita 345 kV line.
SPP	LA	999113	Messick 500 kV	999114			500/230	0	2018	Planned	Regional Reliability	Build Messick 500/230 kV substation. Connect to Carrol, Clarence, and Western Kraft 230 kV lines. Install 500/230 kV 675 MVA transformer. This upgrade is contingent upon approval from Cleco Power LLC.
SPP	LA	999113	Messick 500 kV				500	0	2018	Planned	Regional Reliability	Install terminal equipment on 500 kV side of new Messick substation. Connect to Mt. Olive - Hartburg 500 kV line. This upgrade is contingent upon approval from Cleco Power LLC for Upgrade ID 50607.
SPP	NE	659135	STEGALL 345 kV				345	0		Planned	Regional Reliability	Install any necessary terminal equipment at the 345 kV bus in Stegall substation. This upgrade is contingent upon Basin Electric's approval noted in Upgrade ID 50608.
TVA	KY	360016	Marshall	360496	C-33 (DOE)	1	161	30.2	2018	Construction	Reliability	Upgrade Line
TVA	MS	360033	Union	360734	Union 2 (Transformer)	2	500/161	N/A	2018	Construction	Reliability	Install Transformer
TVA	MS	360036	West Point	361682	Waverly	1	161	5.3	2018	Construction	Reliability	Construct Waverly, Tap West Point-West Columbus
TVA	MS	360036	West Point	361529	Starkville SS	1	161	14.2	2018	Construction	Reliability	Upgrade Line
TVA	TN	360038	Johnsonville Fossil 1-4	360038	Johnsonville Fossil 1-4	1	161	N/A	2018	Planned	Reliability	New Capacitor Bank
TVA	AL	360053	Browns Ferry 1	360055	Trinity	1	161	10.9	2018	Construction	Reliability	Upgrade Line
TVA	AL	360059	East Point	361350	Fairview Tap	1	161	10.6	2018	Construction	Reliability	Upgrade Line
TVA	TN	360071	Wilson	360581	Pin Hook	1	500	14.2	2018	Construction	Reliability	Upgrade Line
TVA	TN	360071	Wilson	360077	Plateau	1	500	75.6	2018	Planned	Reliability	Construct Plateau 500kV, Loop Roane-Wilson
TVA	TN	360077	Plateau	360078	Plateau	1	500/161	N/A	2018	Planned	Reliability	Install Transformer
TVA	TN	360090	Roane	360077	Plateau	1	500	49.2	2018	Planned	Reliability	Construct Plateau 500kV, Loop Roane-Wilson
TVA	TN	360098	Volunteer 1	360527	East Knox	1	161	13	2018	Planned	Reliability	New Line
TVA	TN	360100	John Sevier 1	360100	John Sevier 1	1	161	N/A	2018	Construction	Reliability	Reconfigure Yard
TVA	TN	360101	John Sevier 2	361061	Greenville Tap 1	1	161	8.5	2018	Construction	Reliability	Upgrade Line
TVA	TN	360101	John Sevier 2	361551	Pioneer Tap	1	161	16.6	2018	Construction	Reliability	Upgrade Line
TVA	TN	360101	John Sevier 2	360471	Tusculum	2	161	18.7	2018	Construction	Reliability	New Line
TVA	KY	360130	Mayfield	361480	Golo	1	161	6.4	2018	Construction	Reliability	Upgrade Line
TVA	TN	360133	Dumplin Valley	360527	East Knox	1	161	7.8	2018	Planned	Reliability	Construct East Knox, Tap Dumplin Valley-Nixon Road
TVA	TN	360146	Milan	360147	Huntingdon	1	161	30	2018	Construction	Reliability	New Line
TVA	TN	360147	Huntingdon	360514	Holladay	1	161	20.3	2018	Construction	Reliability	New Line
TVA	TN	360151	Ripley (TN)	361441	Curve	1	161	5.4	2018	Construction	Reliability	New Line
TVA	TN	360151	Ripley (TN)	361216	East Industrial Park Tap	1	161	3.8	2018	Construction	Reliability	New Line
TVA	TN	360152	South Jackson	361704	Flex Drive	1	161	4.1	2018	Planned	Reliability	Construct Flex Drive, Tap South Jackson-Alumax
TVA	KY/TN	360160	Dover	360326	Barkley	1	161	48.5	2018	Construction	Reliability	Upgrade Line
TVA	TN	360173	North Lexington	361594	Lexington (TN)	1	161	3.8	2018	Planned	Reliability	Construct Lexington, Tap North Lexington-West Lexington
TVA	AL/TN	360260	Colbert	361298	Waynesboro Tap	1	161	25.6	2018	Construction	Reliability	Upgrade Line
TVA	AL	360263	Wilson Hydro	361697	Jackson Avenue	1	161	4.3	2018	Construction	Reliability	Tap Wilson-Caddo
TVA	AL	360268	Elgin	361703	Lexington (AL)	1	161	8.2	2018	Construction	Reliability	Construct Lexington, Tap Elgin-Dunn
TVA	AL	360271	Athens (AL)	360271	Athens (AL)	1	161	N/A	2018	Construction	Reliability	New Capacitor Bank
TVA	AL	360271	Athens (AL)	360274	Ardmore	1	161	10.3	2018	Construction	Reliability	Upgrade Line
TVA	AL	360271	Athens (AL)	360532	Browns Ferry 2	1	161	14.3	2018	Construction	Reliability	Upgrade Line
TVA	AL/TN	360274	Ardmore	361598	Park City Tap	1	161	17.3	2018	Construction	Reliability	Upgrade Line
TVA	AL	360276	Decatur	361066	Priceville Tap	1	161	7.2	2018	Construction	Reliability	Upgrade Line
TVA	AL	360277	Arab	361350	Fairview Tap	1	161	13	2018	Construction	Reliability	Upgrade Line
TVA	AL	360279	Guntersville	361481	Brindley	1	161	11.2	2018	Construction	Reliability	Upgrade Line
TVA	AL	360282	Collinsville	361679	Geraldine	1	161	11.9	2018	Construction	Reliability	Construct Geraldine, Tap Collinsville-Albertville
TVA	AL	360283	Albertville	361679	Geraldine	1	161	12.6	2018	Construction	Reliability	Construct Geraldine, Tap Collinsville-Albertville
TVA	KY	360336	Franklin (KY)	361690	North Franklin	1	161	1.6	2018	Construction	Reliability	Tap Franklin-Woodburn
TVA	TN	360359	South Nashville	365203	Trinity Hills (NES)	1	161	8	2018	Construction	Reliability	Construct Trinity Hills, Tap South Nashville-West Nashville
TVA	TN	360360	West Nashville	365203	Trinity Hills (NES)	1	161	6.3	2018	Construction	Reliability	Construct Trinity Hills, Tap South Nashville-West Nashville

TVA	TN	360391	Fayetteville	360392	Winchester	1	161	28.2	2018	Construction	Reliability	Upgrade Line
TVA	TN	360420	East Cleveland	361439	Benton (TN)	1	161	10.2	2018	Construction	Reliability	Upgrade Line
TVA	TN	360420	East Cleveland	360658	Northeast Benton	1	161	13.8	2018	Planned	Reliability	Upgrade Line
TVA	TN	360424	Apalachia	361439	Benton (TN)	1	161	12.4	2018	Construction	Reliability	Upgrade Line
TVA	TN	360424	Apalachia	360658	Northeast Benton	1	161	11.2	2018	Planned	Reliability	Upgrade Line
TVA	TN	360460	Nixon Road	360527	East Knox	1	161	11.1	2018	Planned	Reliability	Construct East Knox, Tap Dumplin Valley-Nixon Road
TVA	TN	360471	Tusculum	361551	Pioneer Tap	1	161	2	2018	Construction	Reliability	Upgrade Line
TVA	TN	360471	Tusculum	361468	Walters (JCPB)	1	161	15	2018	Construction	Reliability	New Line
TVA	AL	360502	Dunn	361703	Lexington (AL)	1	161	16.3	2018	Construction	Reliability	Construct Lexington, Tap Elgin-Dunn
TVA	MS	360525	West Columbus	361682	Waverly	1	161	10.1	2018	Construction	Reliability	Construct Waverly, Tap West Point-West Columbus
TVA	TN	360555	Red Hill	361661	Hillsboro	1	161	4.7	2018	Construction	Reliability	New Line
TVA	TN	360640	Johnsonville	360640	Johnsonville	1	161	N/A	2018	Planned	Reliability	Reconfigure Yard
TVA	AL	360656	Madison 2	361681	Charity Lane	1	161	13.6	2018	Construction	Reliability	New Line
TVA	TN	360678	Shelby (MLGW) 1	365573	Bolen Huse Road, Sub 75 (MLGW)	1	161	5.8	2023	Planned	Reliability	Construct Bolen Huse Road, Tap Shelby-NE Gate
TVA	TN	360725	Freeport 2	365788	Mendenhall Road, Sub 89 (MLGW)	1	161	11.8	2018	Construction	Reliability	Construct Mendenhall, Tap Freeport-Clarke Road
TVA	TN	361030	Alumax Tap	361704	Flex Drive	1	161	3.2	2018	Planned	Reliability	Construct Flex Drive, Tap South Jackson-Alumax
TVA	AL	361066	Priceville Tap	361217	Pence Tap	1	161	8.2	2018	Construction	Reliability	Upgrade Line
TVA	TN	361088	Rossville Tap	361795	Piperton	1	161	1.4	2018	Construction	Reliability	Construct Piperton, Tap Wingo Road-Rossville
TVA	AL	361098	Solutia	361692	Toray	1	161	0.1	2018	Construction	Reliability	Tap Solutia-Ratliff
TVA	TN	361143	Collierville (MS)	361691	Wingo Road	1	161	1	2018	Construction	Reliability	Construct Wingo Road, Tap Collierville-Rossville
TVA	AL	361150	Laceys Spring Tap	361481	Brindley	1	161	3.4	2018	Construction	Reliability	Upgrade Line
TVA	TN	361237	Monterey	360078	Plateau	1	161	6.1	2018	Planned	Reliability	Construct Plateau 161kV, Loop Monterey-Campbell Junction
TVA	TN	361277	Goodfield Tap	361696	Georgetown Tap	1	161	15.3	2018	Construction	Reliability	Tap Sequoyah-Goodfield
TVA	TN	361319	West Lexington	361594	Lexington (TN)	1	161	0.8	2018	Planned	Reliability	Construct Lexington, Tap North Lexington-West Lexington
TVA	TN	361417	Campbell Junction	360078	Plateau	1	161	3.2	2018	Planned	Reliability	Construct Plateau 161kV, Loop Monterey-Campbell Junction
TVA	KY	361677	Salem Church Tap	361678	Salem Church	1	161	4.7	2018	Construction	Reliability	Tap Edgoten-Commerce Park
TVA	TN	361680	Waynesboro City	361687	Waynesboro City Tap	1	161	5	2018	Construction	Reliability	Tap Hohenwald-Waynesboro
TVA	TN	361691	Wingo Road	361795	Piperton	1	161	3	2018	Construction	Reliability	Construct Piperton, Tap Wingo Road-Rossville
TVA	TN	361694	South Pittsburg Tap	361695	South Pittsburg	1	161	5	2018	Planned	Reliability	Tap Tennol-Tennol Tap
TVA	KY	361699	Beulah Grove Tap	361700	Beulah Grove	1	161	2.5	2018	Construction	Reliability	Tap McGregors Chapel-Pontotoc
TVA	TN	361795	Piperton	361691	Wingo Road	1	161	3	2018	Construction	Reliability	Construct Wingo Road, Tap Collierville-Rossville
TVA	TN	361796	Cornersville Tap	361797	Cornersville	1	161	4	2018	Construction	Reliability	Tap Elk Ridge-Collins Creek
TVA	TN	365591	Northeast Gate, Sub 33 (MLGW)	365573	Bolen Huse Road, Sub 75 (MLGW)	1	161	9.8	2023	Planned	Reliability	Construct Bolen Huse Road, Tap Shelby-NE Gate
TVA	TN	365719	Clarke Road, Sub 71 (MLGW)	365788	Mendenhall Road, Sub 89 (MLGW)	1	161	11.9	2018	Construction	Reliability	Construct Mendenhall, Tap Freeport-Clarke Road
TVA	MS	365826	Collierville Gate, Sub 86 (MLGW)	365913	South Collierville, Sub 83 (MLGW)	1	161	5.6	2018	Planned	Reliability	Construct S Collierville, Tap Shelton Road-Collgate
TVA	MS	365827	Shelton Road, Sub 79 (MLGW)	365913	South Collierville, Sub 83 (MLGW)	1	161	5.6	2018	Planned	Reliability	Construct S Collierville, Tap Shelton Road-Collgate
	OGE	515376	Woodward EHV 138kv	515375	Woodward EHV 345kv		345/138	0	2018	Planned	Balanced Portfolio	Install 2nd 345/138 kV transformer at Woodward EHV