

Appendix 2. Gas Infrastructure Serving Generation in MISO

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Data Sources:

- Pipeline capacities are taken from Peak Day Capacity reports filed with FERC
- Meter data is taken from the respective pipeline EBBs (see Exhibit 3 for URLs)

Alliance Pipeline (Enbridge / Veresen)

Capacity: 2,053 MDth/d

Figure A2-1. Alliance Facilities in MISO North/Central

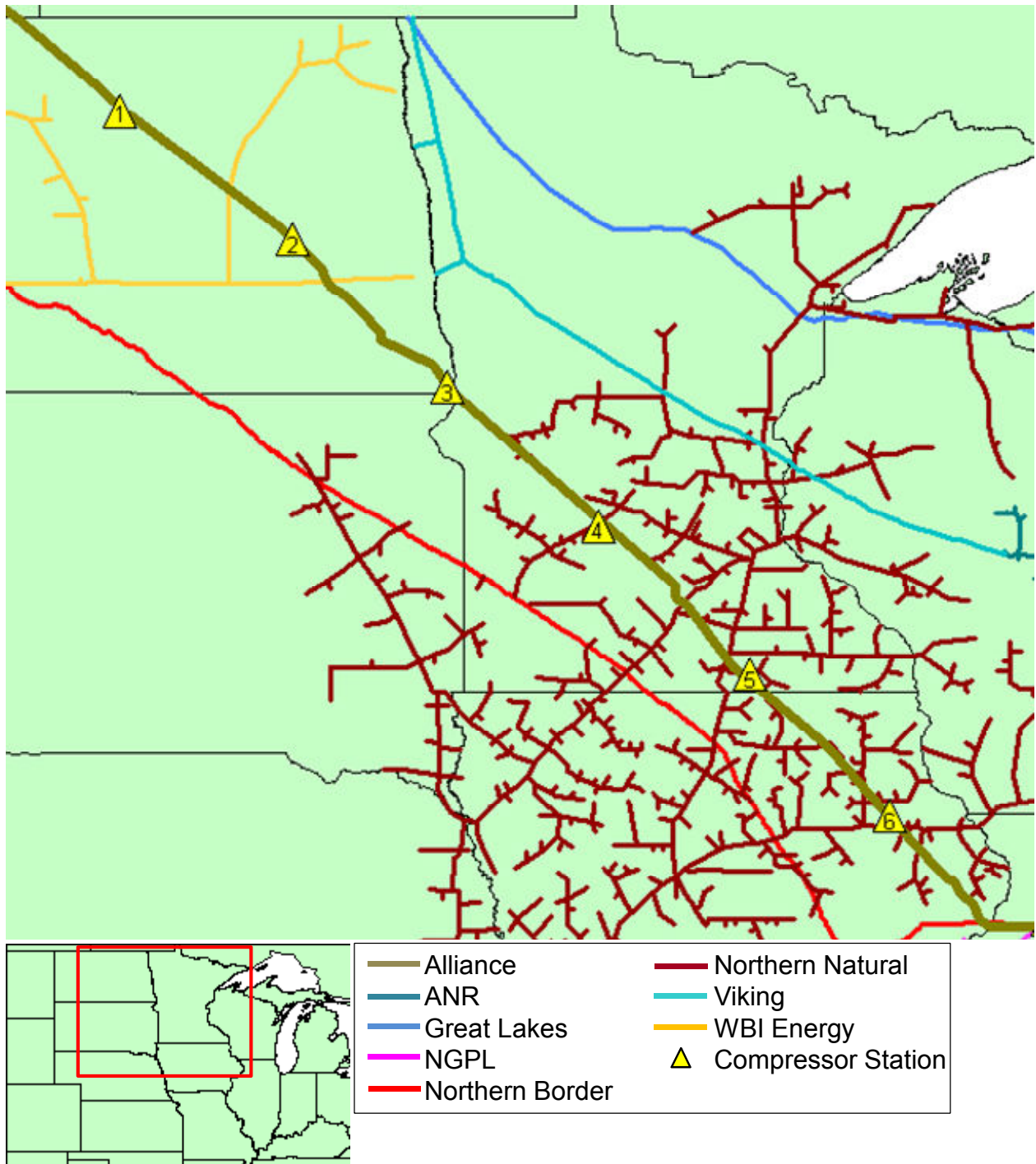


Table A2-1. Alliance Compressor Stations in MISO North/Central

ID	Name	Location
1	Towner (17A)	Towner, ND
2	Wimbledon (19A)	Wimbledon, ND
3	Fairmount (21A)	Fairmount, ND
4	Olivia (23A)	Bird Island, MN
5	Albert Lea (25A)	Albert Lea, MN
6	Manchester (27A)	Manchester, IA

American Midstream (MidLa)

Capacity: 198 MDth/d

Figure A2-2. American Midstream MidLa Facilities

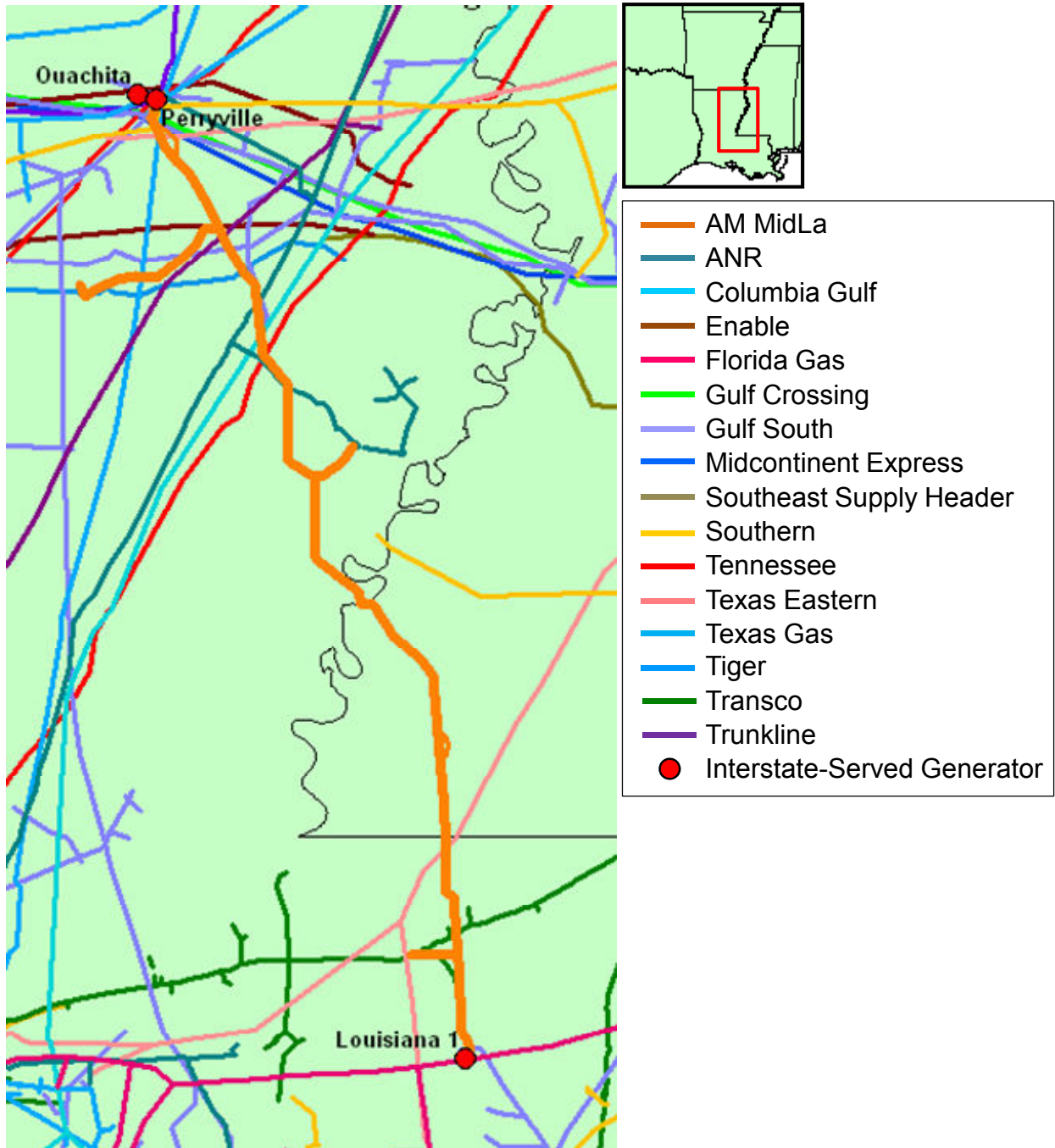


Table A2-2. MISO South Generators Directly Connected to AM MidLa

Generator	Capacity (MW)	Meter Name	Meter Number
Louisiana 1	150	Entergy Power Plant – GSU Road	20147
Ouachita ¹	770	Sterlington Power Plant - Arkansas	20140
		Sterlington Power Plant - Gulf States	20141
Perryville	691	Perryville Power Plant	20139

¹ Two of the units at Ouachita are owned by Entergy Arkansas and one unit is owned by Entergy Gulf States.

ANR Pipeline (TransCanada)

Capacity: 8,435 MDth/d

Figure A2-3. ANR Facilities in MISO North/Central

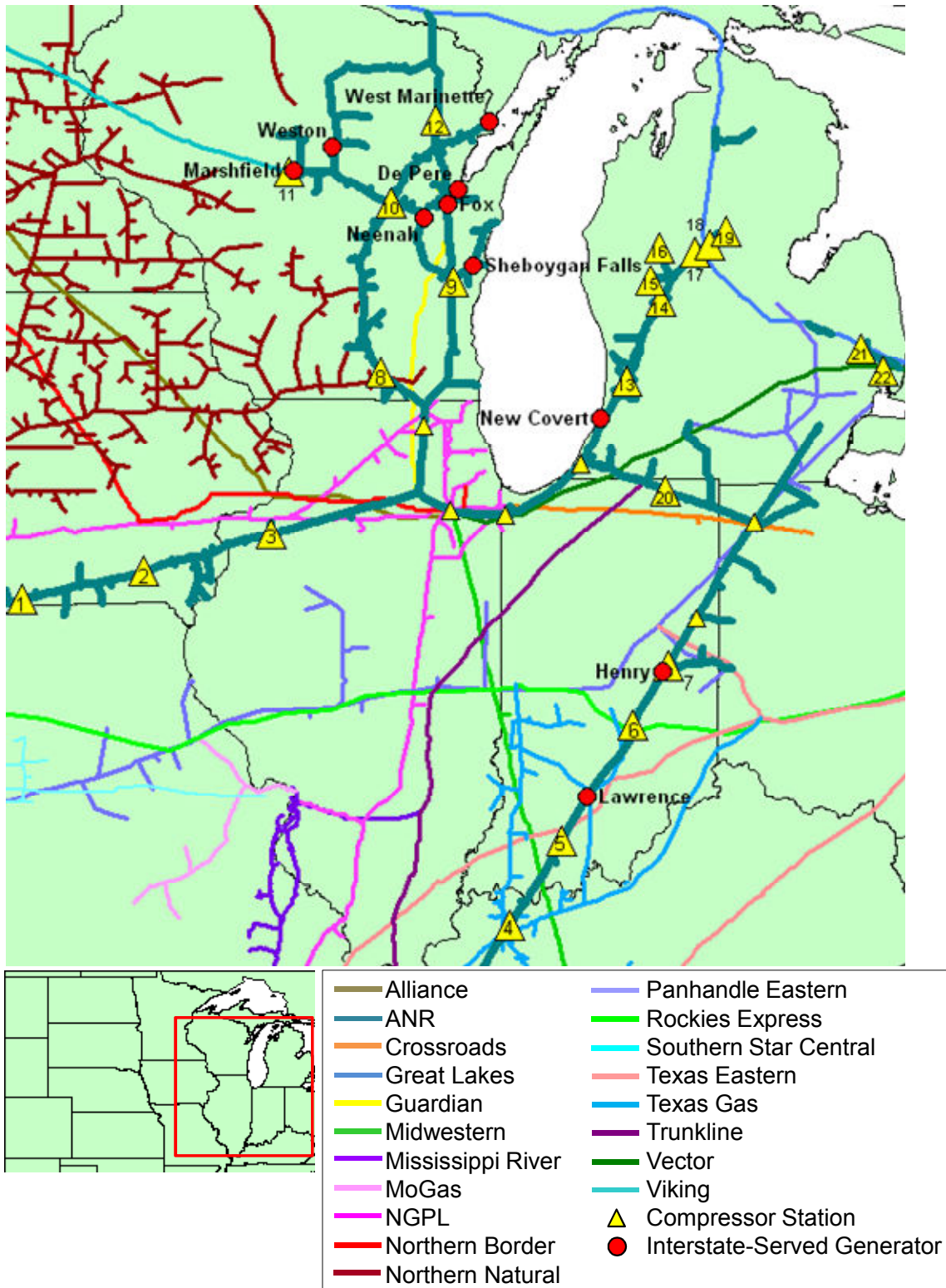


Table A2-3. MISO North/Central Generators Directly Connected to ANR

Generator	Capacity (MW)	Meter Name	Meter Number
De Pere Energy Center	196	De Pere Interconnect	261573
Fox Energy Center	520	Kaukauna	387791
Henry County	129	Cadiz Int	277052
Lawrence County	261	Lawrence	398767
Marshfield	60	Marshfield WI	28875
Neenah	317	Neenah	40498
New Covert Generating	1,080	Covert Power Plant	312117
Sheboygan Falls	300	Sheboygan Falls	439345
West Marinette (MGE)	88	West Marinette	28760
West Marinette (WPS)	200	West Marinette	28760
Weston	82	Weston Plant	28742

[add Kendall – Joliet hub map for point]

[move Kalkaska from DTE Gas – Prough Road]

[move Germantown from Wisc Gas – Germontown Int]

Table A2-4. ANR Compressor Stations in MISO North/Central

ID	Name	Location
1	Lineville	Lineville, IA
2	Birmingham	Birmingham, IA
3	New Windsor	New Windsor, IL
4	Slaughters	Slaughters, KY
5	Celestine	Celestine, IN
6	Shelbyville	Shelbyville, IN
7	Sulphur Springs	Sulphur Springs, IN
8	Jamesville	Jamesville
9	Kewaskum	Adell, WI
10	Weyauwega	Weyauwega, WI
11	Marshfield	Marshfield, WI
12	Mountain	Suring, WI
13	Hamilton	Hamilton, MI
14	Winfield	Howard City, MI
15	Goodwell	White Cloud, MI
16	Reed City	Reed City, MI
17	Orient	Sears, MI
18	Lincoln	Lake George, MI
19	North Hamilton	Harrison, MI
20	Lagrange	Lagrange, IN
21	Capac	Capac, MI
22	Muttonville	Lenox, MI

Figure A2-4. ANR Facilities in MISO South

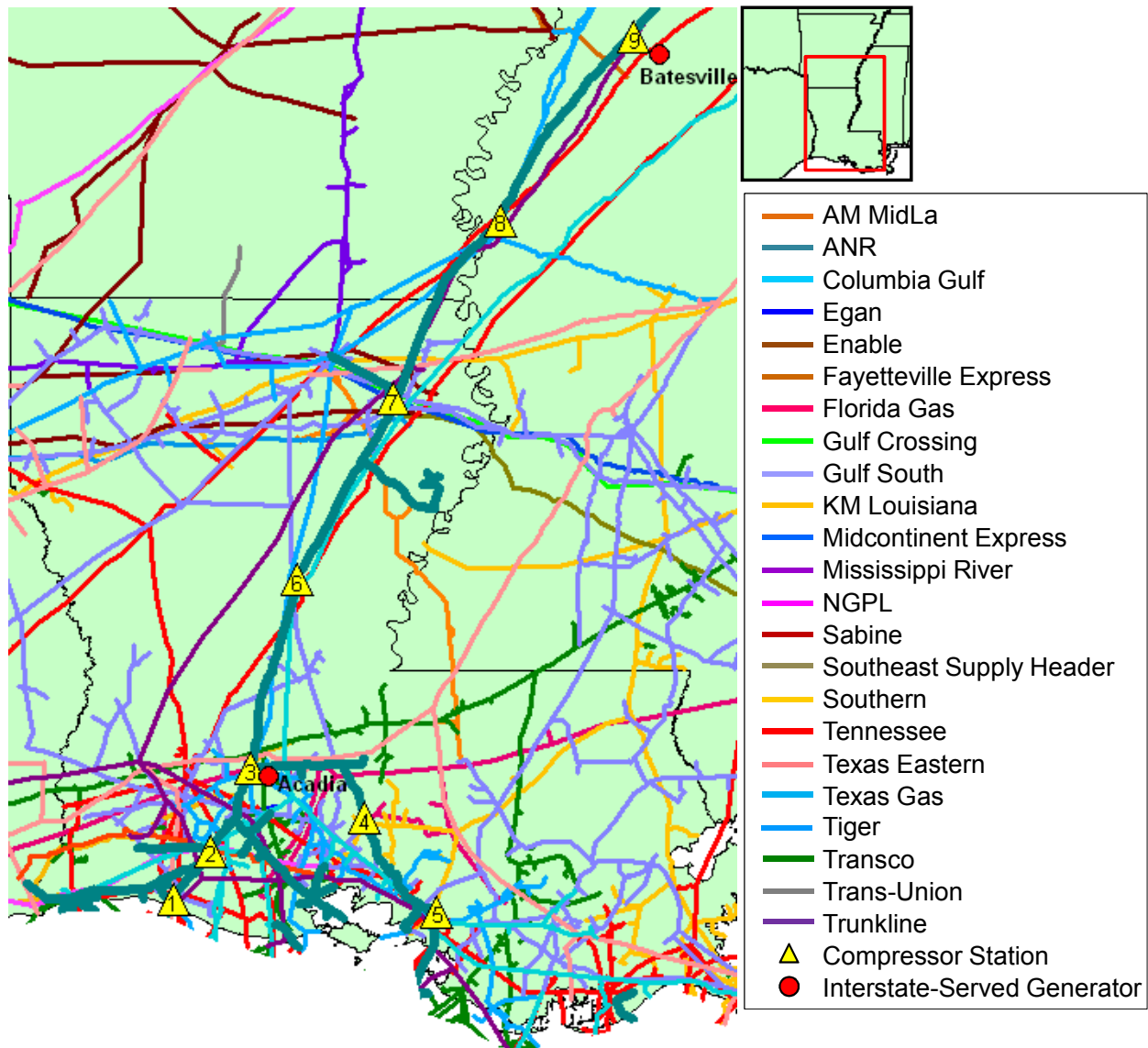


Table A2-5. MISO South Generators Directly Connected to ANR

Generator	Capacity (MW)	Meter Name	Meter Number
Acadia Energy Center	1,107	Acadia Power Plant	322045
Batesville	837	Panola County Int	266555

[add CLECO TECHE]

Table A2-6. ANR Compressor Stations in MISO South

ID	Name	Location
1	Grand Chenier	Grand Chenier, LA
2	Lake Arthur	Lake Arthur, LA
3	Eunice	Eunice, LA
4	St. Martinville	St. Martinville, LA
5	Patterson	Patterson, LA
6	Jena	Jena, LA
7	Delhi	Delhi, LA
8	Greenville	Greenville, MS
9	Sardis	Sardis, MS

Bison Pipeline (TransCanada)

Capacity: 416 MDth/d

Figure A2-5. Bison Facilities

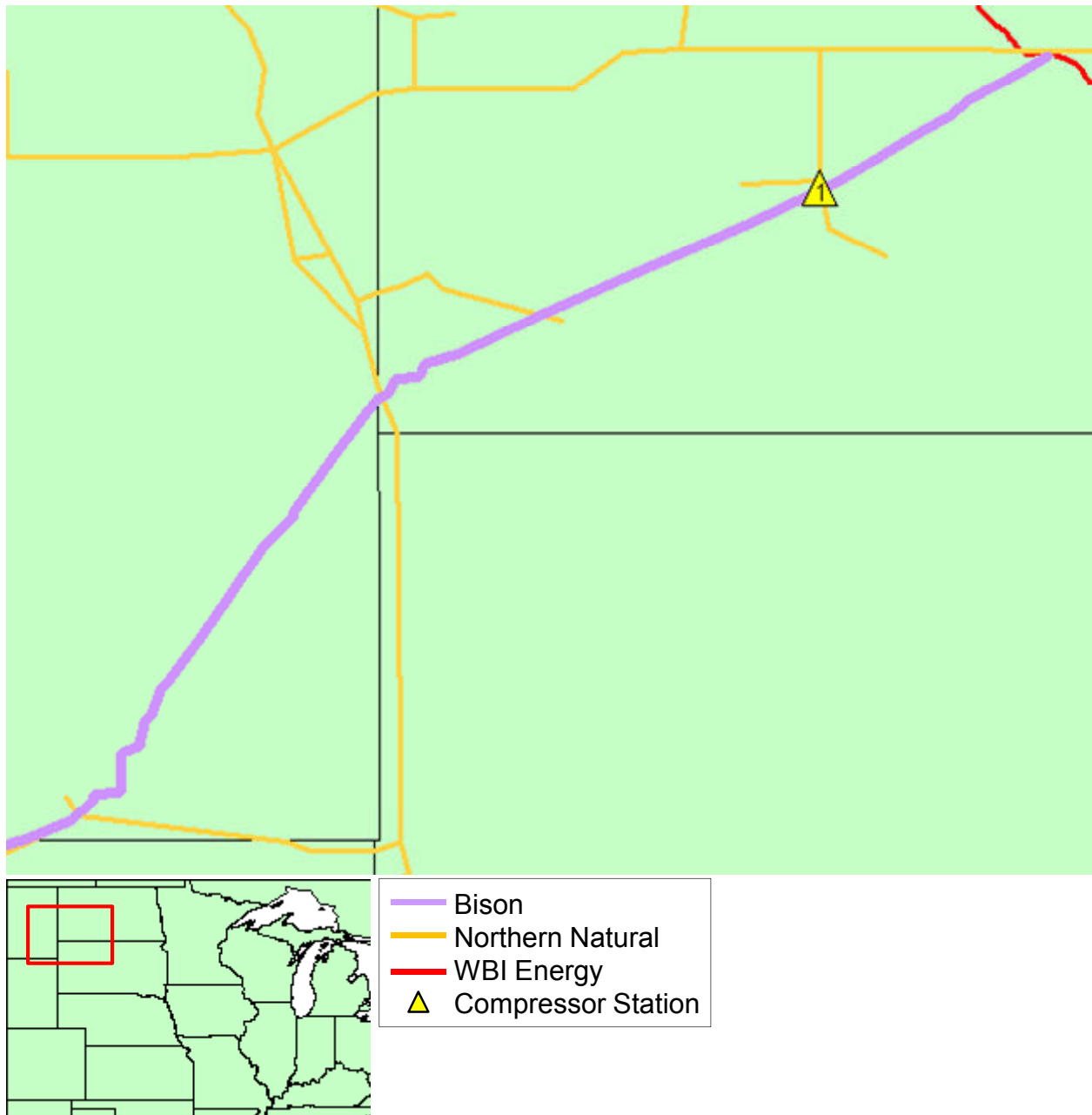


Table A2-7. Bison Compressor Stations in MISO North/Central

ID	Name	Location
1	Station	Hettinger County, ND

Columbia Gulf (NiSource)

Capacity: 2,156 MMcf/d (winter) / 2,056 MMcf/d (summer)

Figure A2-6. Columbia Gulf Facilities in MISO South

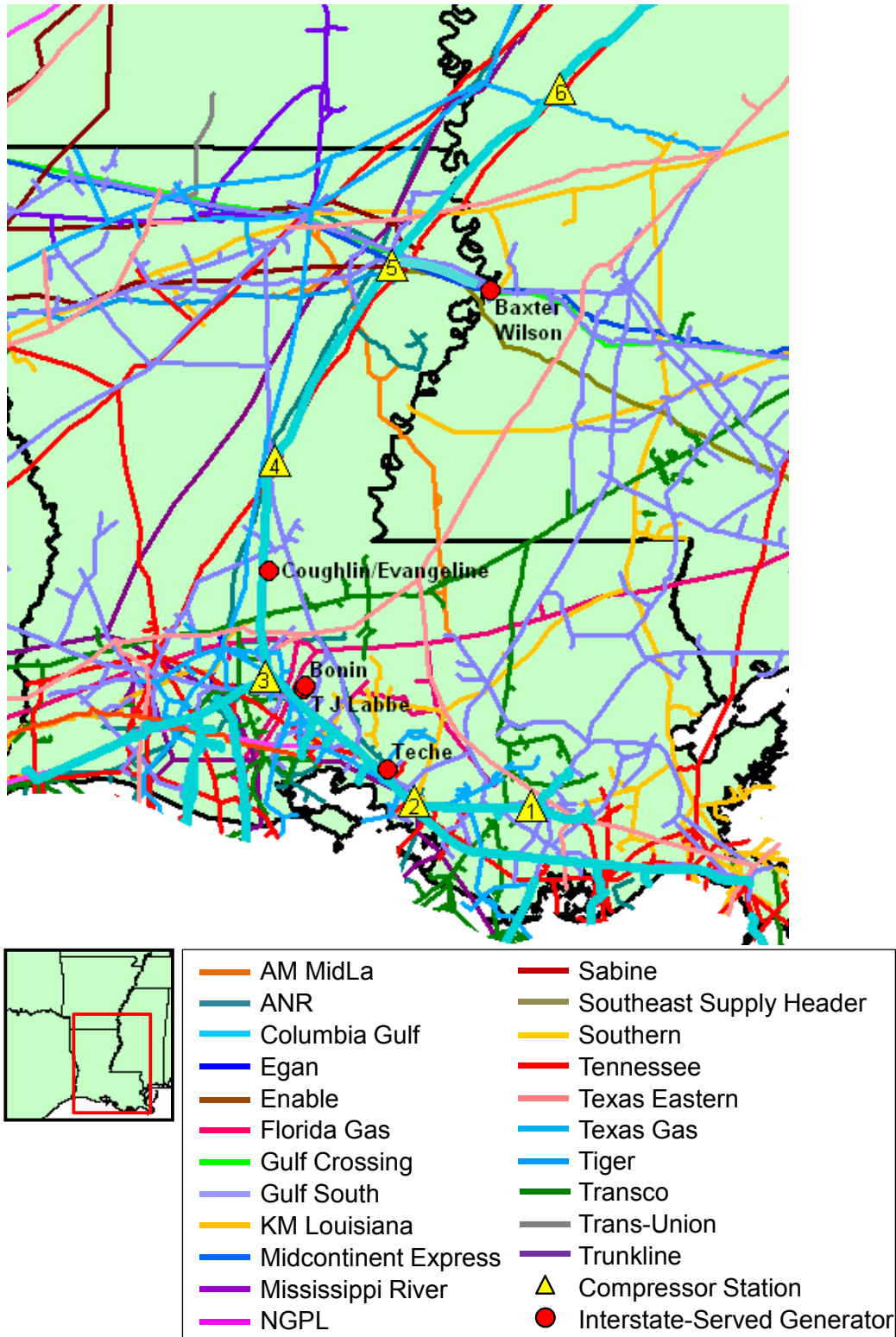


Table A2-8. MISO South Generators Directly Connected to Columbia Gulf

Generator	Capacity (MW)	Meter Name	Meter Number
Baxter Wilson	1167	Entergy Mississippi	4169
Bonin	171	Lafayette – Acadia	4051
Coughlin/Evangeline	730	CLE-EVANGELINE	4128
Teche	350	CLECO-TECHE	4137
T J Labbe	96	Lafayette – Acadia	4051

Table A2-9. Columbia Gulf Compressor Stations in MISO South

ID	Name	Location
1	Houma	Lafourche, LA
2	Centerville	Franklin, LA
3	Rayne	Rayne, LA
4	Alexandria	Deville, LA
5	Delhi	Delhi, LA
6	Inverness	Inverness, MS

Crossroads Pipeline (NiSource)

Capacity: 225 MDth/d

Figure A2-7. Crossroads Facilities in MISO North/Central

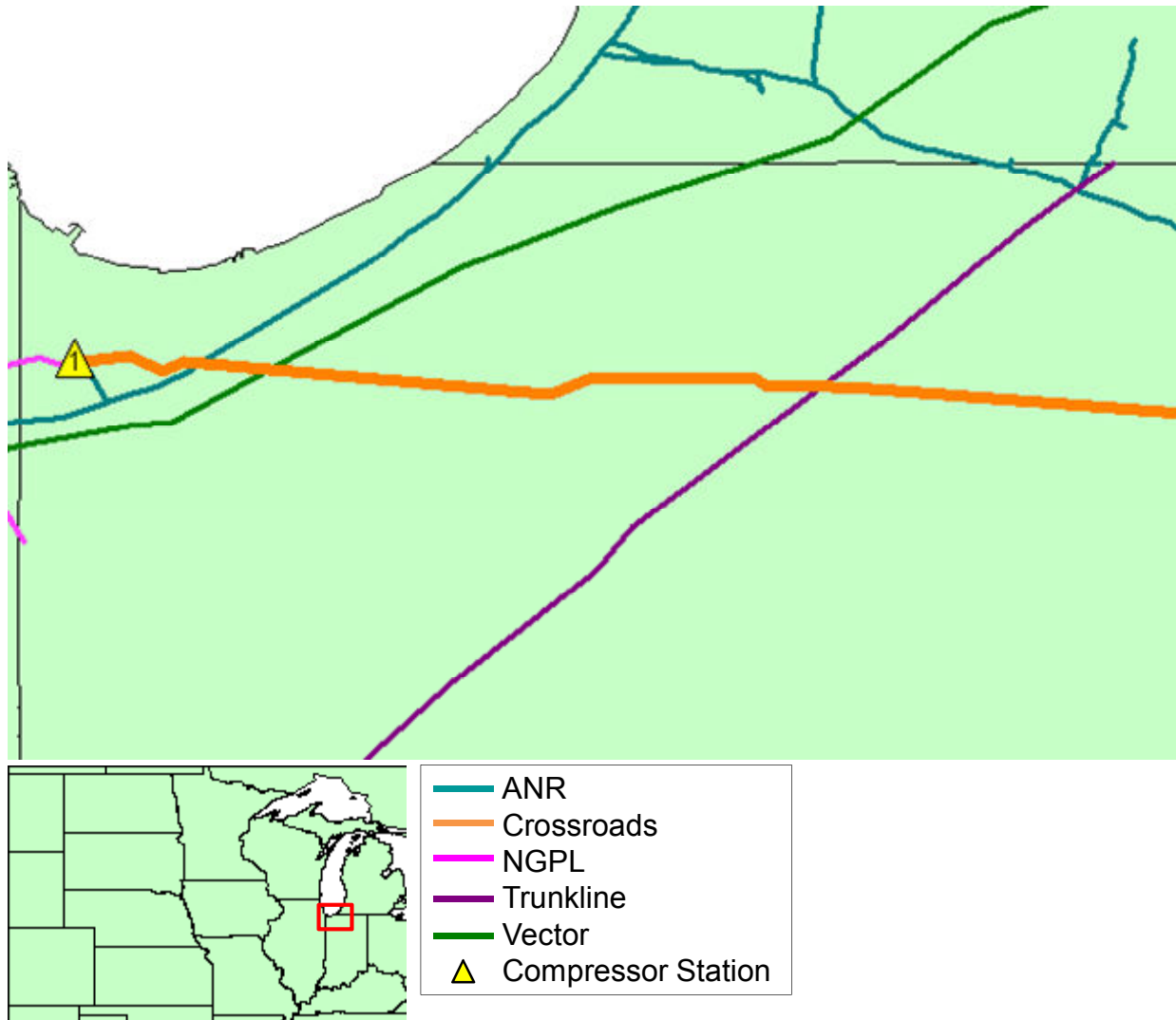


Table A2-10. Crossroads Compressor Stations in MISO North/Central

ID	Name	Location
1	Schererville	Schererville, IN

Destin Pipeline (Amoco / Enbridge)

Capacity: 1,200 MMcf/d.

Figure A2-8. Destin Onshore Facilities

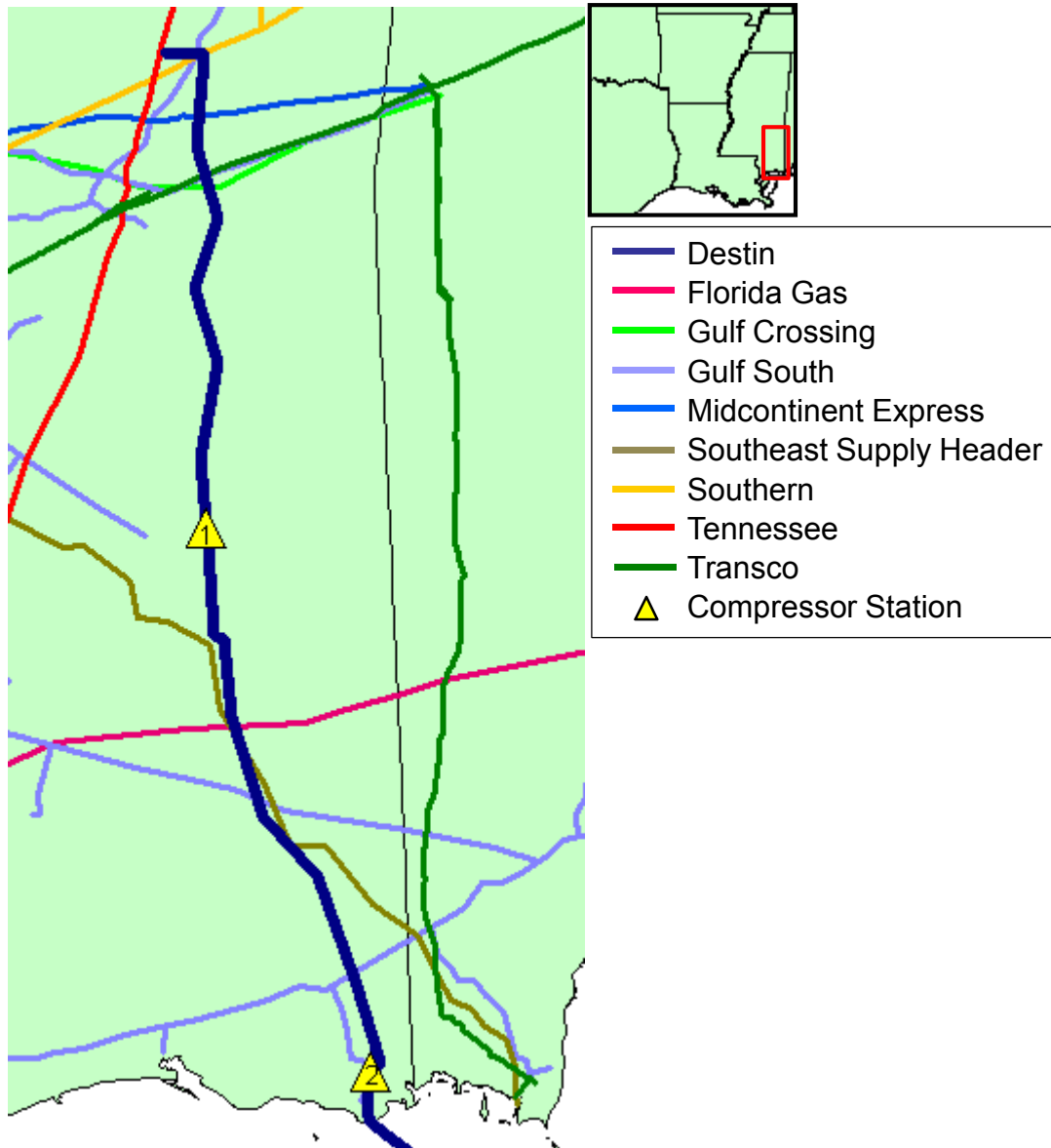


Table A2-11. Destin Compressor Stations in MISO South

ID	Name	Location
1	Sand Hill	Richton, MS
2	Pascagoula	Moss Point, MS

Egan Hub Storage (Spectra Energy)

Capacity: 2,300 MMcf/d²

Figure A2-9. Egan Hub Facilities

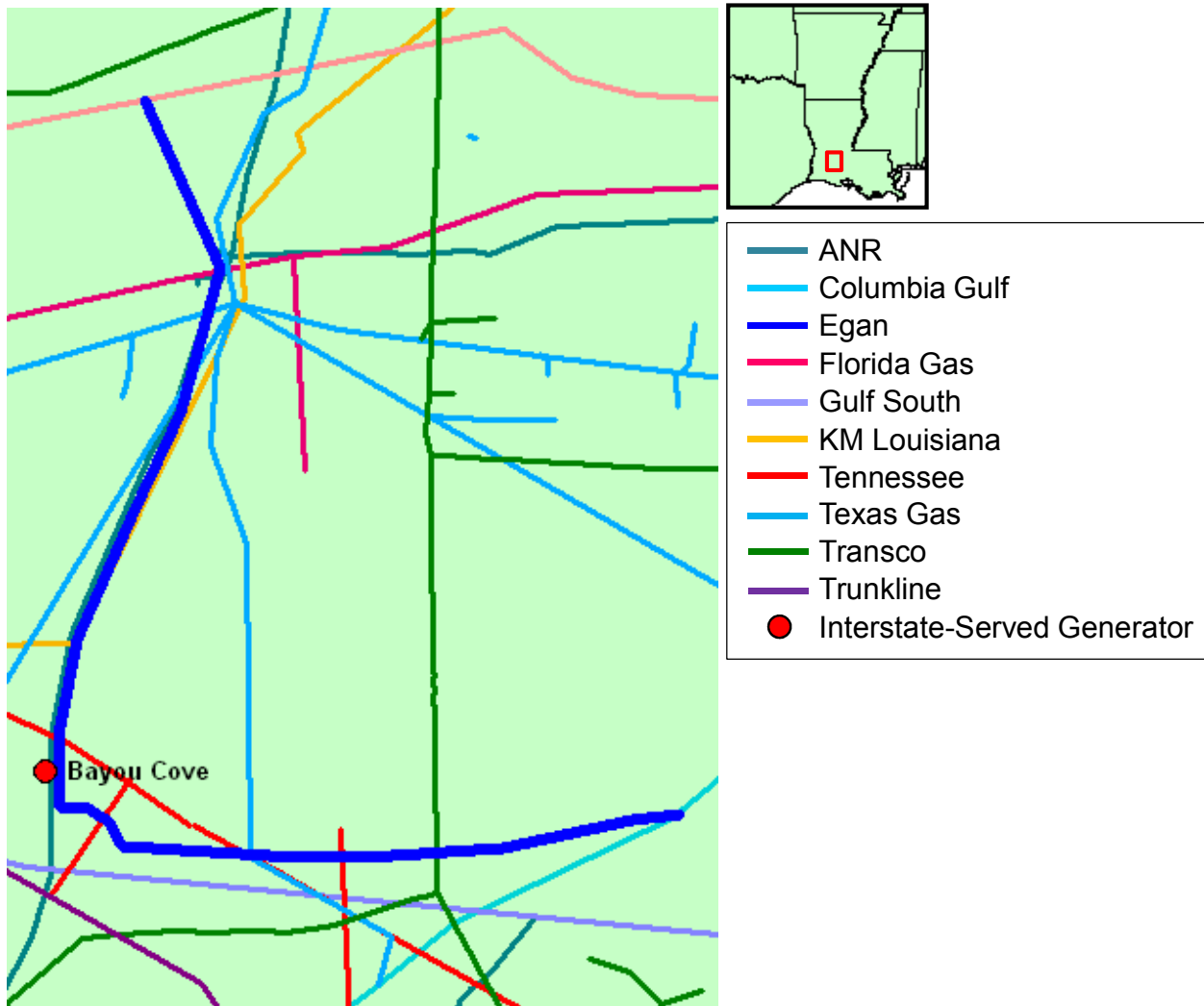


Table A2-12. MISO South Generators Directly Connected to Egan Hub

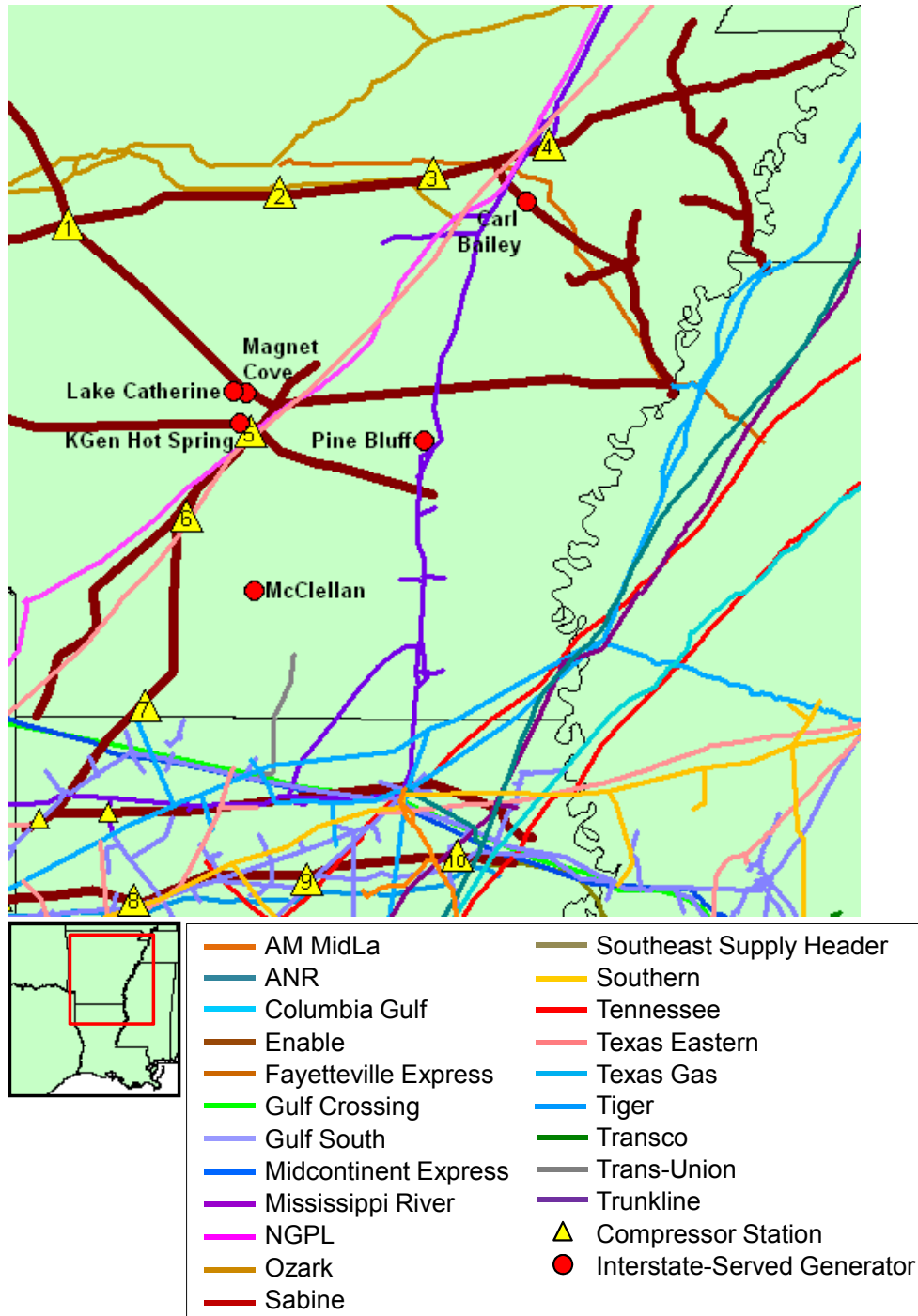
Generator	Capacity (MW)	Meter Name	Meter Number
Bayou Cove	320	Bayou Cove - Storage, LA (D40118/R40117)	45117

² Maximum daily delivery capability of the storage facility.

Enable Gas Transmission (Enable Midstream Partners)³

Capacity: 6,242 MDth/d

Figure A2-10. Enable Facilities in MISO South



³ Enable Midstream Partners was formed by the merger of CenterPoint Energy and OGE Energy in mid-2013. The pipeline was previously known as CenterPoint Energy Gas Transmission.

Table A2-13. MISO South Generators Directly Connected to Enable

Generator	Capacity (MW)	Meter Name	Meter Number
Carl Bailey	122	Ark Elec Augusta Pwr Pl	801646
Dell	679	Dell Power Plant	13197
KGen Hot Spring	620	Entergy Hot Springs	806125
Lake Catherine	520	Entergy @ Catherine	801502
Magnet Cove	660	Magnet Cove Gen Station	874120
McClellan	134	Ark Elec Camden Pwr Plt	801644
Pine Bluff Energy Center	232	Skygen #1	47014

Table A2-14. Enable Compressor Stations in MISO South

ID	Name	Location
1	Dunn	Magazine, AR
2	Round Mountain	Morrilton, AR
3	Searcy	Letona, AR
4	White River	Newport, AR
5	Malvern	Malvern, AR
6	Beirne	Gurdon, AR
7	Taylor	Taylor, AR
8	Westdale	Westdale, LA
9	Vernon	Jonesboro, LA
10	Alto	Alto, LA

Fayetteville Express (Energy Transfer Partners)

Capacity: 2,000 MDth/d

Figure A2-11. Fayetteville Express Facilities in MISO South

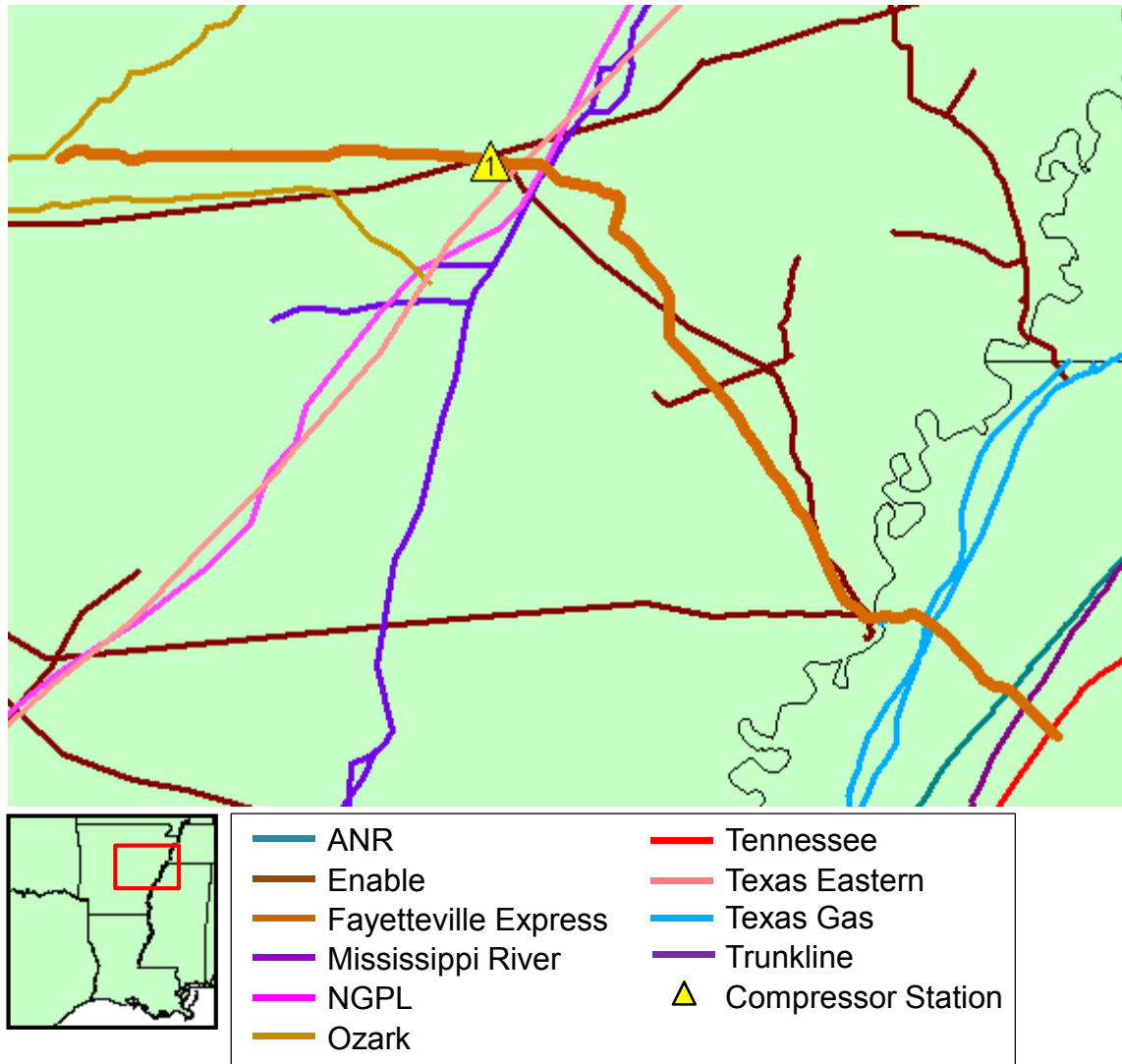


Table A2-15. Fayetteville Express Compressor Stations in MISO South

ID	Name	Location
1	Russell	Bald Knob, AR

Florida Gas Transmission (Panhandle Energy)

Capacity: 3,105 MDth/d (winter), 3,074 MDth/d (summer)

Figure A2-12. Florida Gas Transmission Facilities in MISO South

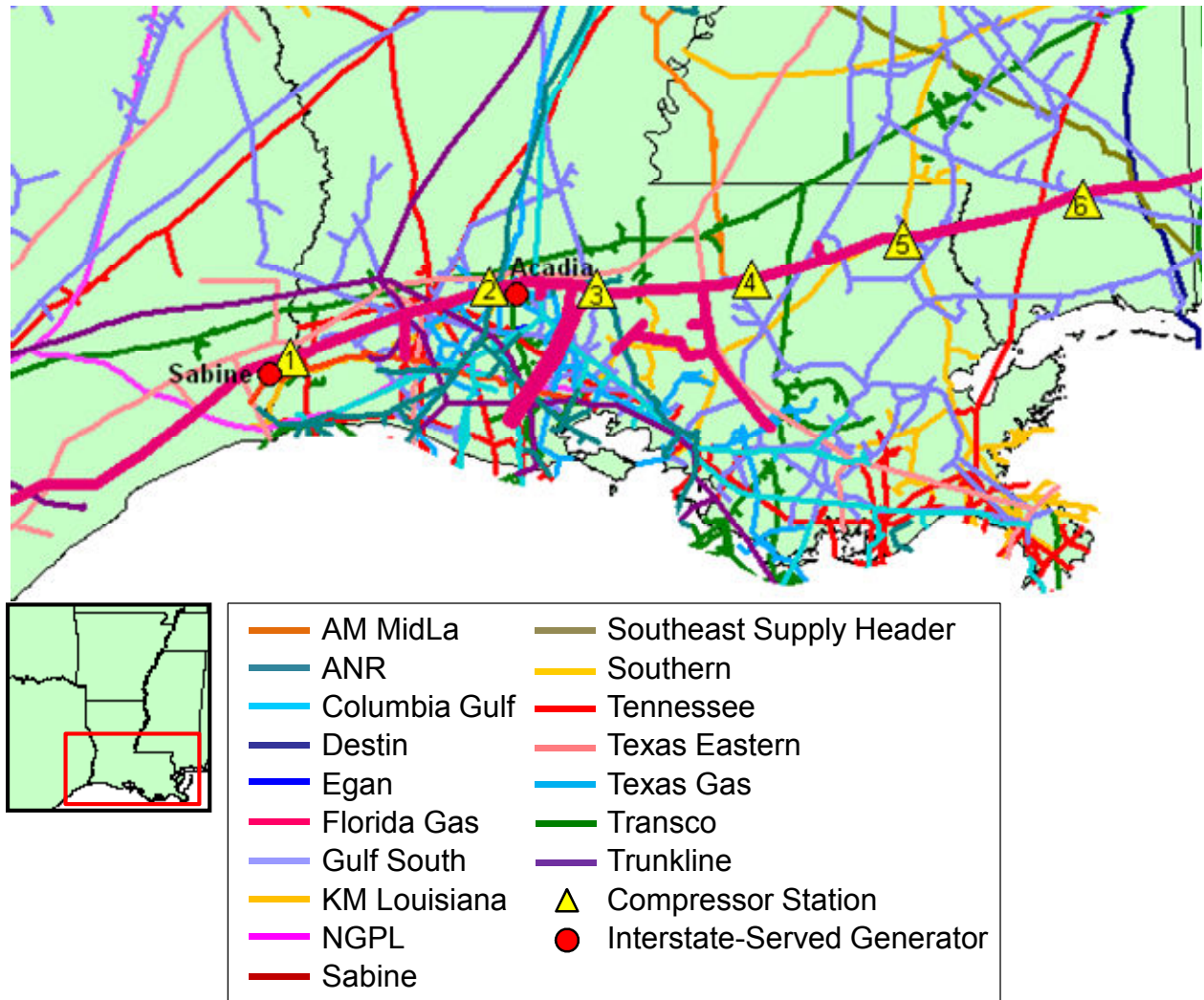


Table A2-16. MISO South Generators Directly Connected to Florida Gas

Generator	Capacity (MW)	Meter Name	Meter Number
Acadia Energy Center	1,107	Acadia Partners P/L CTG	84087
Sabine	1,809	GSU Sabine P/L FGT	94128

Table A2-17. Florida Gas Compressor Stations in MISO South

ID	Name	Location
1	Vidor	Orange, TX
2	Eunice	Eunice, LA
3	Port Barre	Port Barre, LA
4	Zachary	Zachary, LA
5	Franklinton	Franklinton, LA
6	Wiggins	Wiggins, MS

Golden Pass Pipeline

Capacity: 2,601 MDth/d

Figure A2-13. Golden Pass Facilities in MISO South

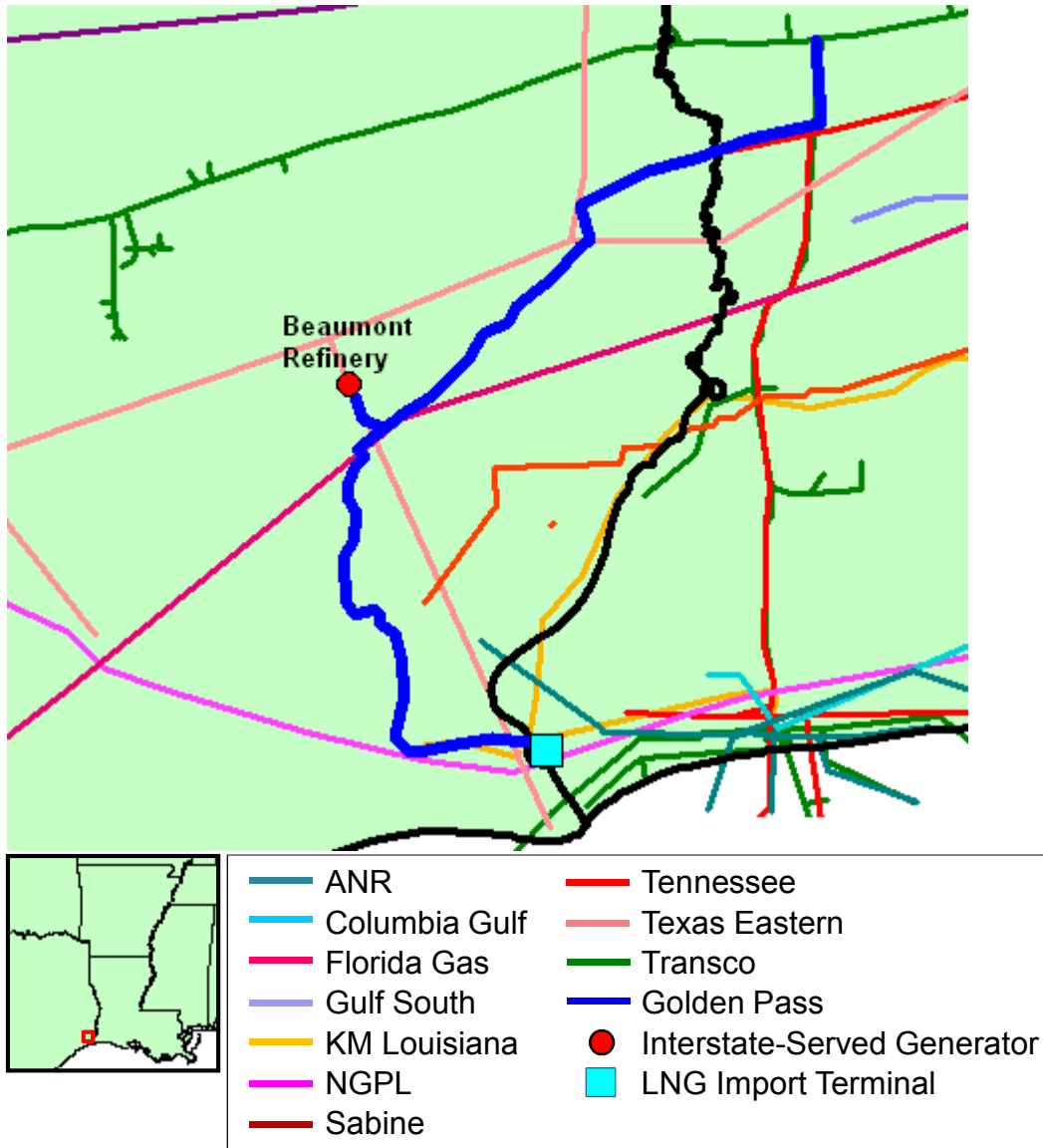


Table A2-18. MISO South Generators Directly Connected to Golden Pass

Generator	Capacity (MW)	Meter Name	Meter Number
Beaumont Refinery ⁴	300	N/A	N/A

⁴ From the Golden Pass FERC Certificate Application: “Additionally, a 2-mile, 24-inch pipeline lateral from the main pipeline will connect to the ExxonMobil Beaumont refinery.” FERC Accession No. 20040824-0145, page 15 (page 4 of Application section).

Great Lakes Gas Transmission (TransCanada)

Capacity: 2,701 MDth/d

Figure A2-14. Great Lakes Gas Transmission Facilities in MISO North/Central

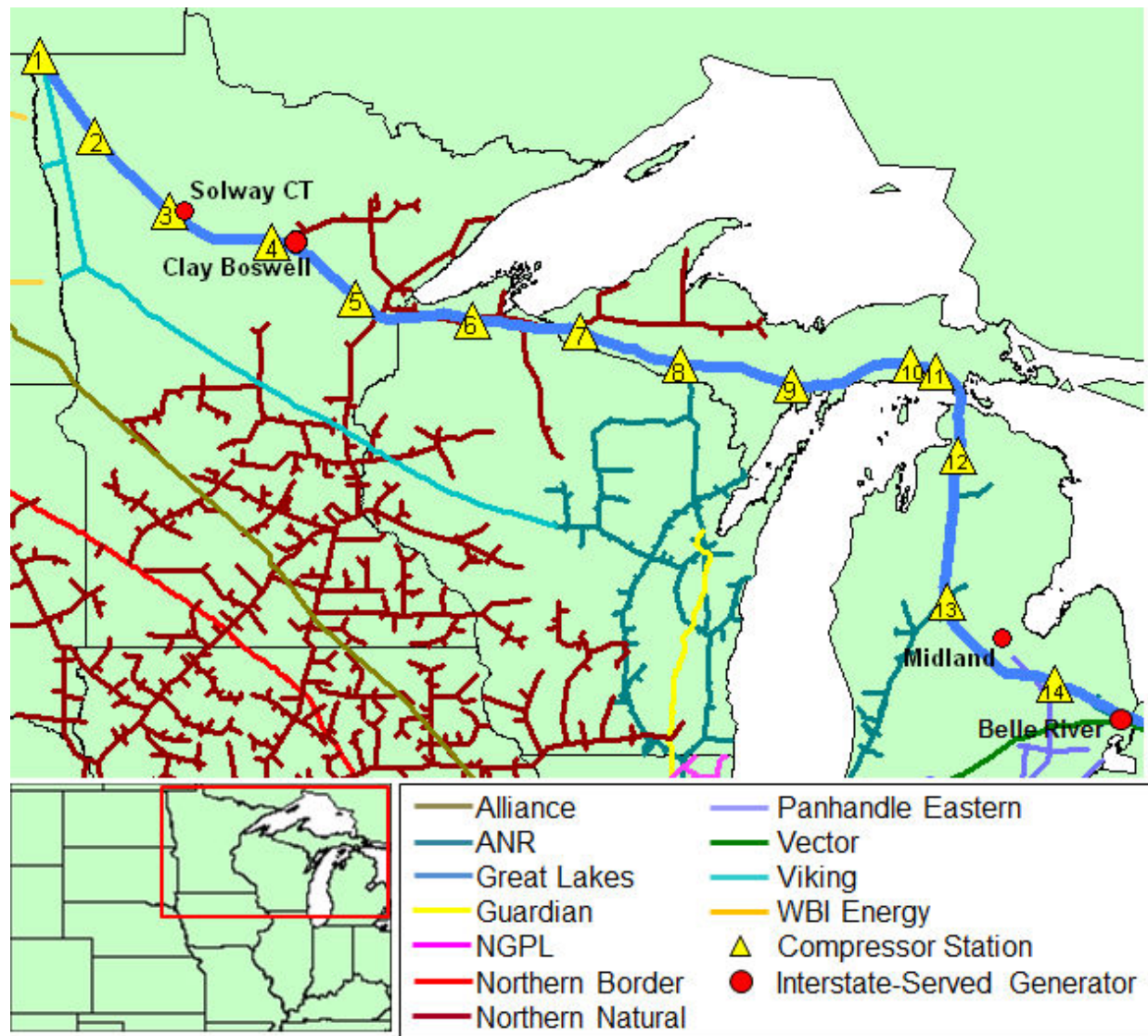


Table A2-19. MISO North/Central Generators Directly Connected to Great Lakes Gas

Generator	Capacity (MW)	Meter Name	Meter Number
Belle River	279	Belle River Mills	11771
Clay Boswell	1,073	Little Bass	780435
Midland Cogeneration Venture	1,710	Midland	169334
Solway	50	Lammers	385442

Table A2-20. Great Lakes Gas Compressor Stations in MISO North/Central

ID	Name	Location
1	St. Vincent	Hallock, MN
2	Thief River Falls	Newfolden, MN
3	Shevlin	Shevlin, MN
4	Deer River	Deer River, MN
5	Cloquet	Cloquet, MN
6	Iron River	Iron River, MN
7	Wakefield	Wakefield, MN
8	Crystal Falls	Crystal Falls, MI
9	Rapid River	Rapid River, MI
10	Naubinway	Naubinway, MI
11	Brevort	Brevort, MI
12	Boyne Falls	Boyne Falls, MI
13	Farwell	Lake George, MI
14	Otisville	Otisville, MI

Guardian Pipeline (ONEOK)

Capacity: 1,287 MMcf/d⁵

Figure A2-15. Guardian Facilities in MISO North/Central

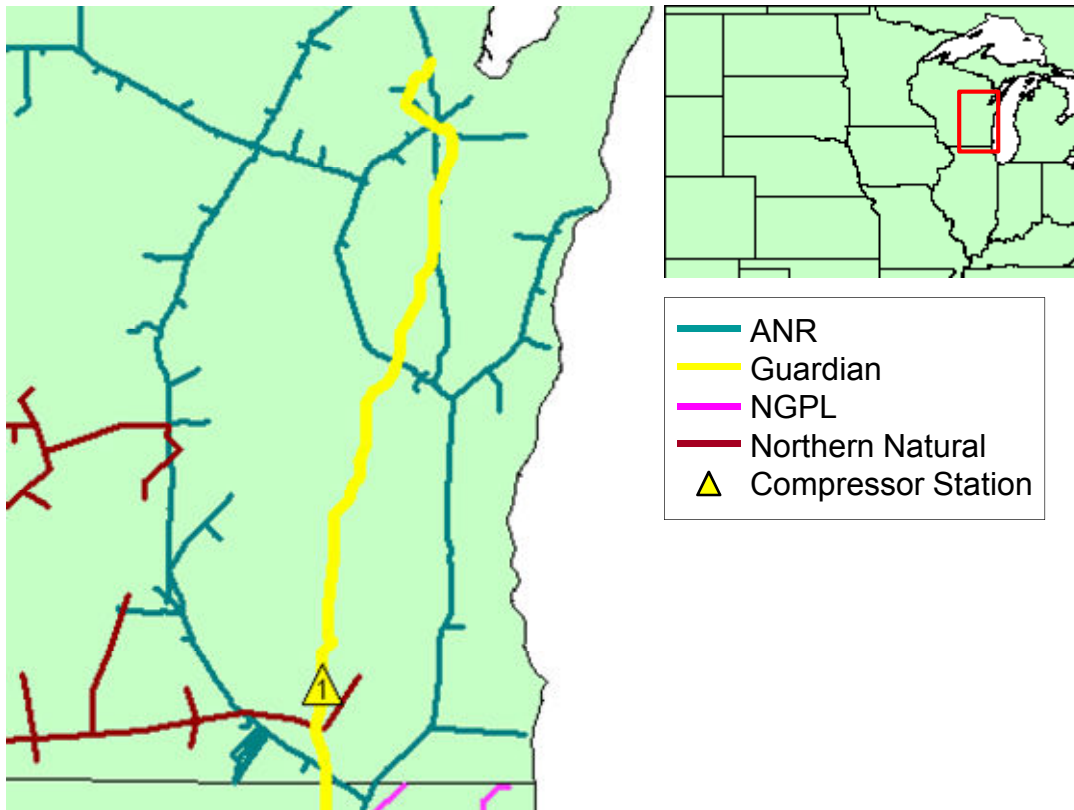


Table A2-21. Guardian Compressor Stations in MISO North/Central

ID	Name	Location
1	Bluff Creek	Walworth County, WI

⁵ Source: <http://www.gpl.oneokpartners.com/>

Gulf Crossing (Boardwalk Pipeline Partners)

Capacity: 1,449 MDth/d

Figure A2-16. Gulf Crossing Facilities in MISO South

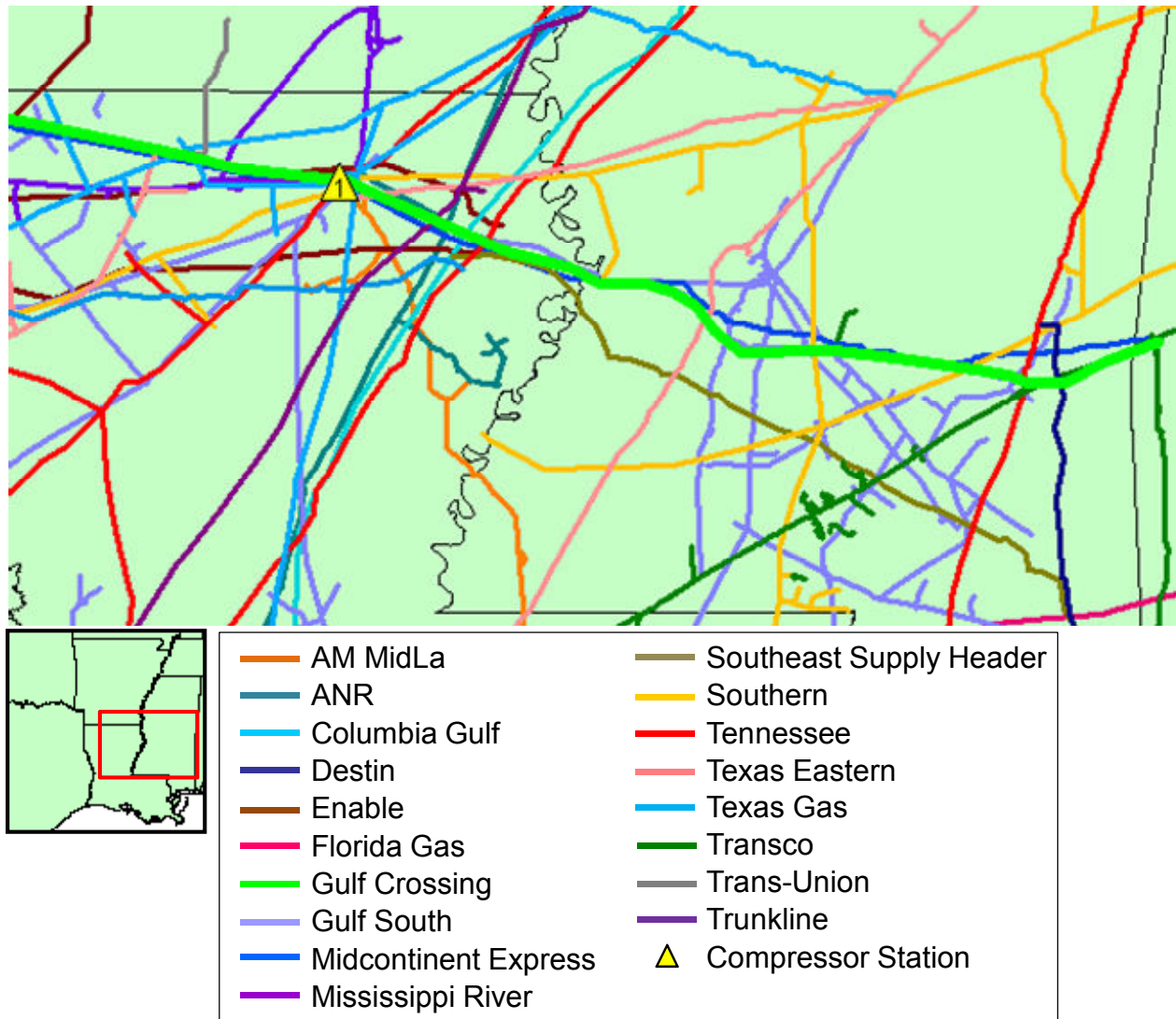


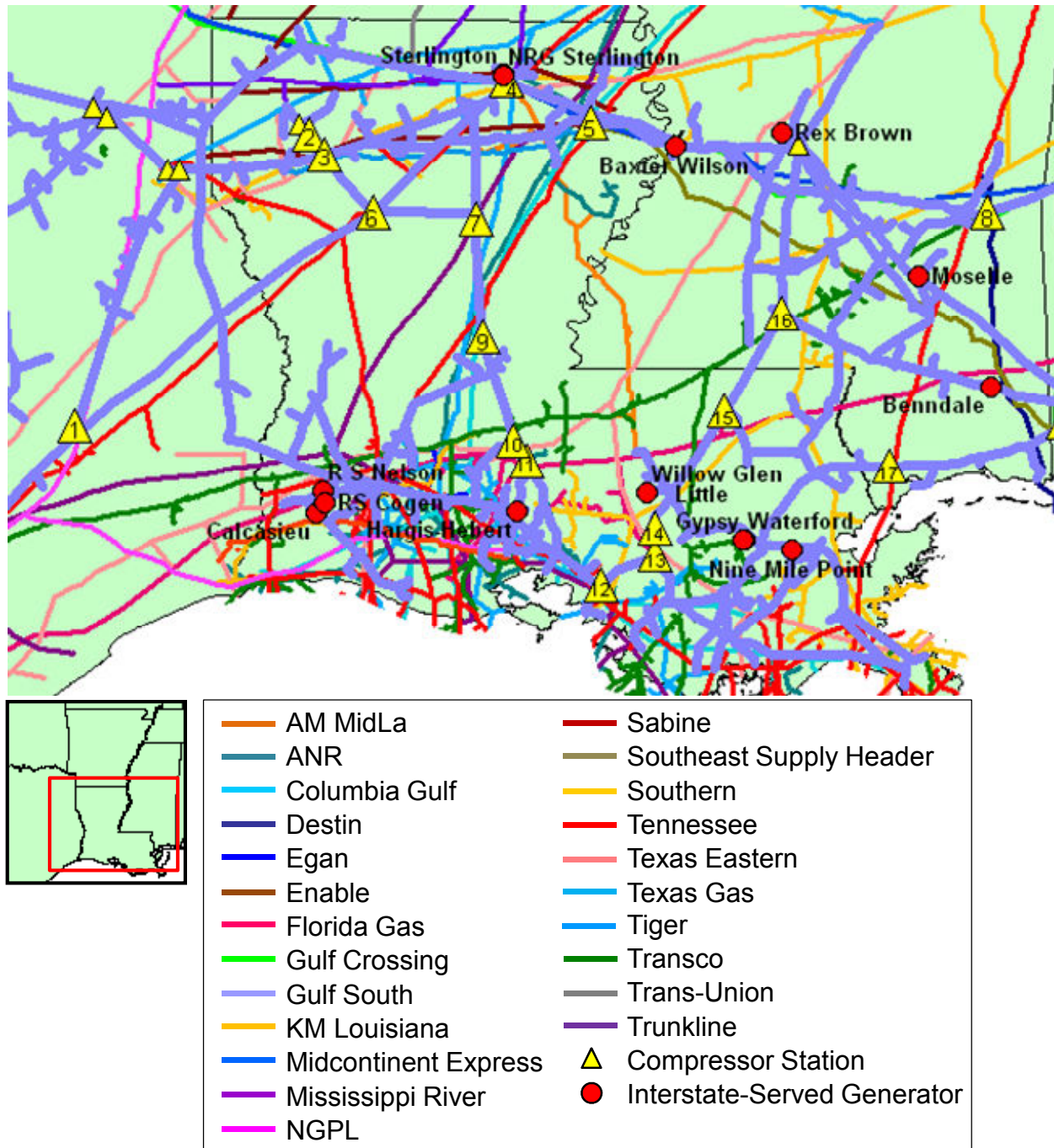
Table A2-22. Gulf Crossing Compressor Stations in MISO South

ID	Name	Location
1	Sterlington	Sterlington, LA

Gulf South (Boardwalk Pipeline Partners)

Capacity: 6,800 MMcf/d⁶

Figure A2-17. Gulf South Facilities in MISO South



⁶ Source: <http://www.gulfsouthpl.com/AboutUsGS.aspx>

Table A2-23. MISO South Generators Directly Connected to Gulf South

Generator	Capacity (MW)	Meter Name	Meter Number
Baxter Wilson	1,167	Baxter Wilson	2581
Benndale	16	Bendale	2602
Calcasieu	310	Calcasieu Power Lake Charles	20862
Hargis-Hebert	96	Hargis Hebert	21681
Little Gypsy	1,168	Little Gypsy Power	9141
Moselle	509	Moselle	2605
Nine Mile Point	1,564	Nine Mile	73
NRG Sterlington	177	N R G @ Sterlington	17577
R S Nelson	420	Roy Nelson	2993
Rex Brown	233	Rex Brown	2532
RS Cogen	235	Lake Charles Plant	9311
Sterlington	130	Sterlington Power	9258
Waterford 1 & 2	822	Waterford Power	9147
Willow Glen	650	Willow Glen	68

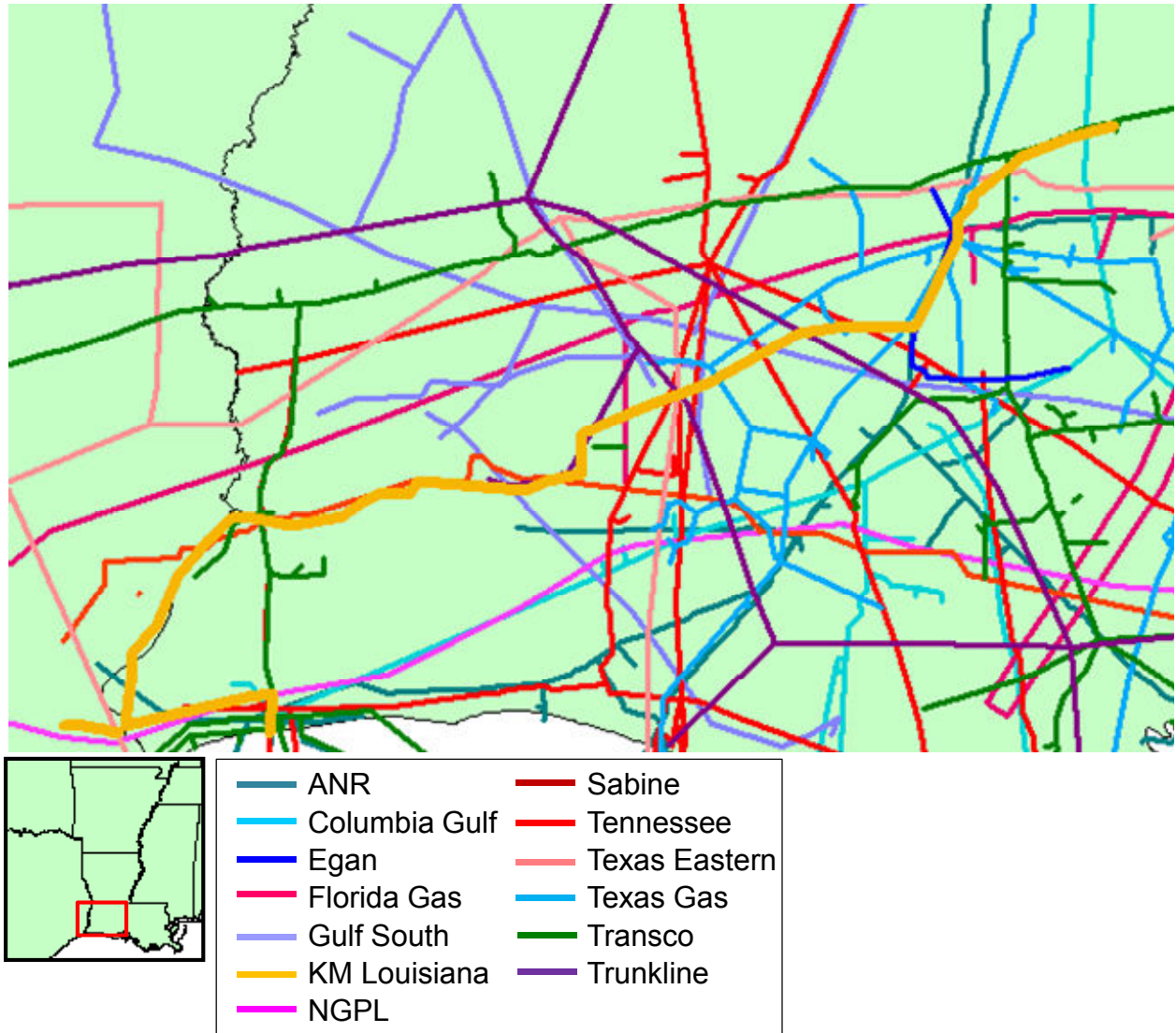
Table A2-24. Gulf South Compressor Stations in MISO South

ID	Name	Location
1	Goodrich	Goodrich, TX
2	Koran	Haughton, LA
3	Hall Summit	Ringgold, LA
4	Sterlington	Sterlington, LA
5	Delhi Side Unit	Delhi, LA
6	Clarence	Goldonna, LA
7	Olla	Olla, LA
8	Jackson	Flowood, MS
9	Marksville	Pineville, LA
10	Opelousas	Opelousas, LA
11	Arnaudville	Arnaudville, LA
12	Bayou Sale	Centerville, LA
13	Napoleonville	Napoleonville, LA
14	Rodrigue	Belle Rose, LA
15	Montpelier	Holden, LA
16	McComb	Jayess, MS
17	Kiln	Kiln, MS

Kinder Morgan Louisiana

Capacity: 2,130 MDth/d

Figure A2-18. Kinder Morgan Louisiana Facilities



Midcontinent Express (Kinder Morgan / Regency Energy Partners)

Capacity: 1,823 MDth/d

Figure A2-19. Midcontinent Express Facilities in MISO South

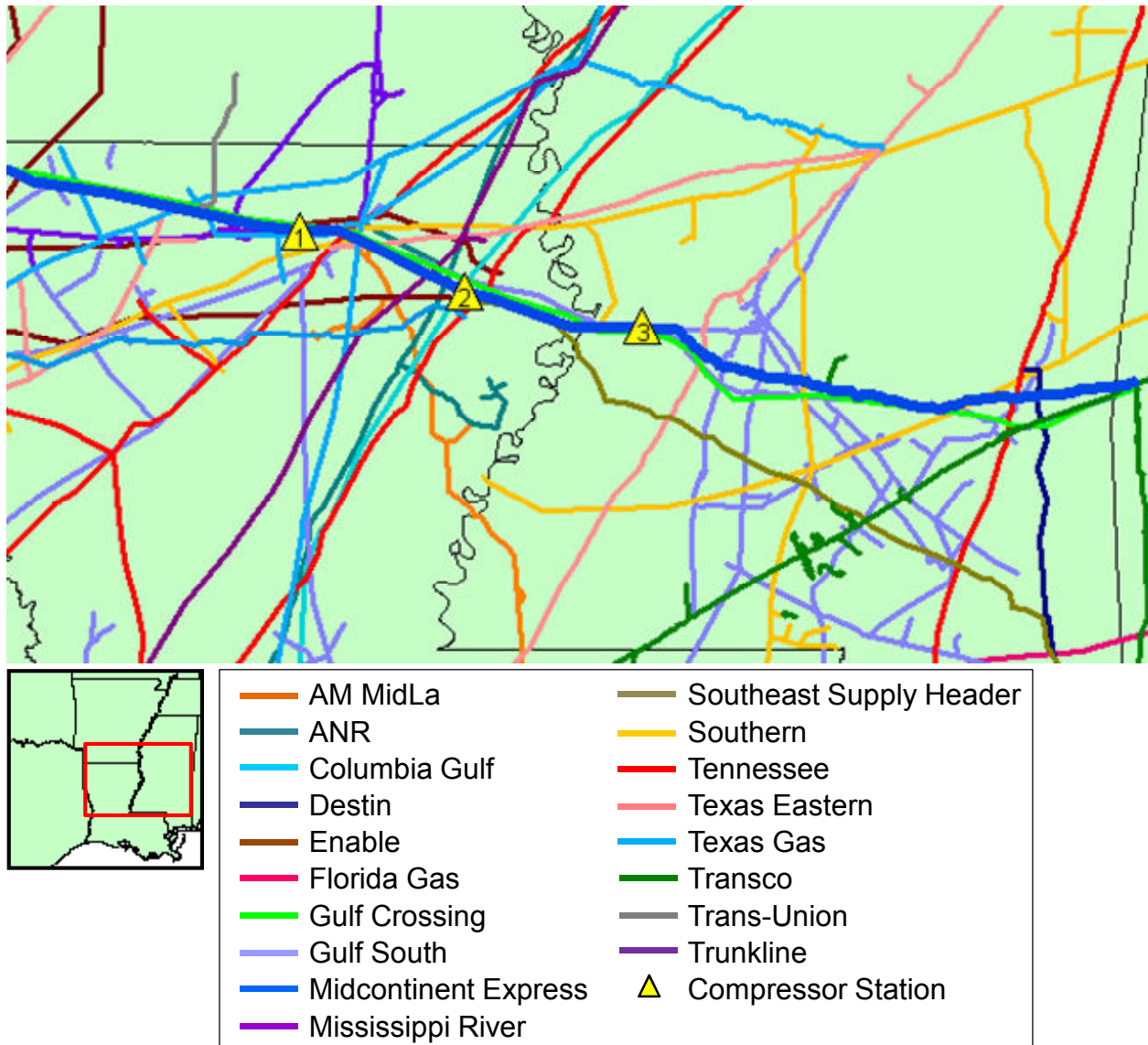


Table A2-25. Midcontinent Express Compressor Stations in MISO South

ID	Name	Location
1	Perryville	Farmerville, LA
2	Delhi	Delhi, LA
3	Vicksburg	Edwards, MS

Midwestern Gas Transmission (ONEOK)

Capacity: 513 MMcf/d (south to north) / 635 MMcf/d (north to south)

Figure A2-20. Midwestern Gas Transmission Facilities in MISO North/Central

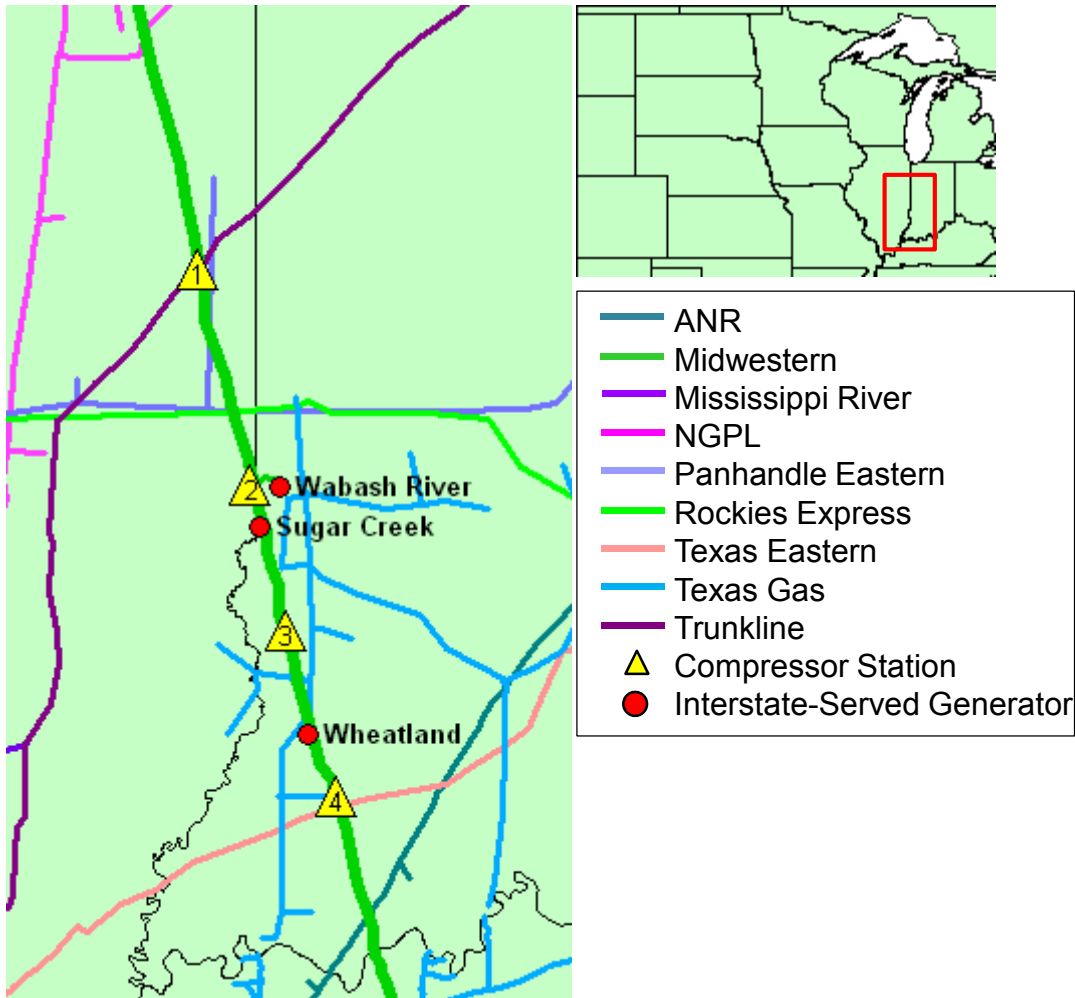


Table A2-26. MISO North/Central Generators Directly Connected to Midwestern

Generator	Capacity (MW)	Meter Name	Meter Number
Sugar Creek	578	Sugar Creek	322225
Wabash River	282	Wabash	305590
Wheatland	488	Wheatland Power	281203

Table A2-27. Midwestern Compressor Stations in MISO North/Central

ID	Name	Location
1	Potomac	Potomac, IL
2	Paris	Paris, IL
3	Sullivan	Carlisle, IN
4	Petersburg	Petersburg, IN

Mississippi River Transmission (Enable Midstream Partners)

Capacity: 1,045 MDth/d

Figure A2-21. Mississippi River Transmission Facilities in MISO North/Central

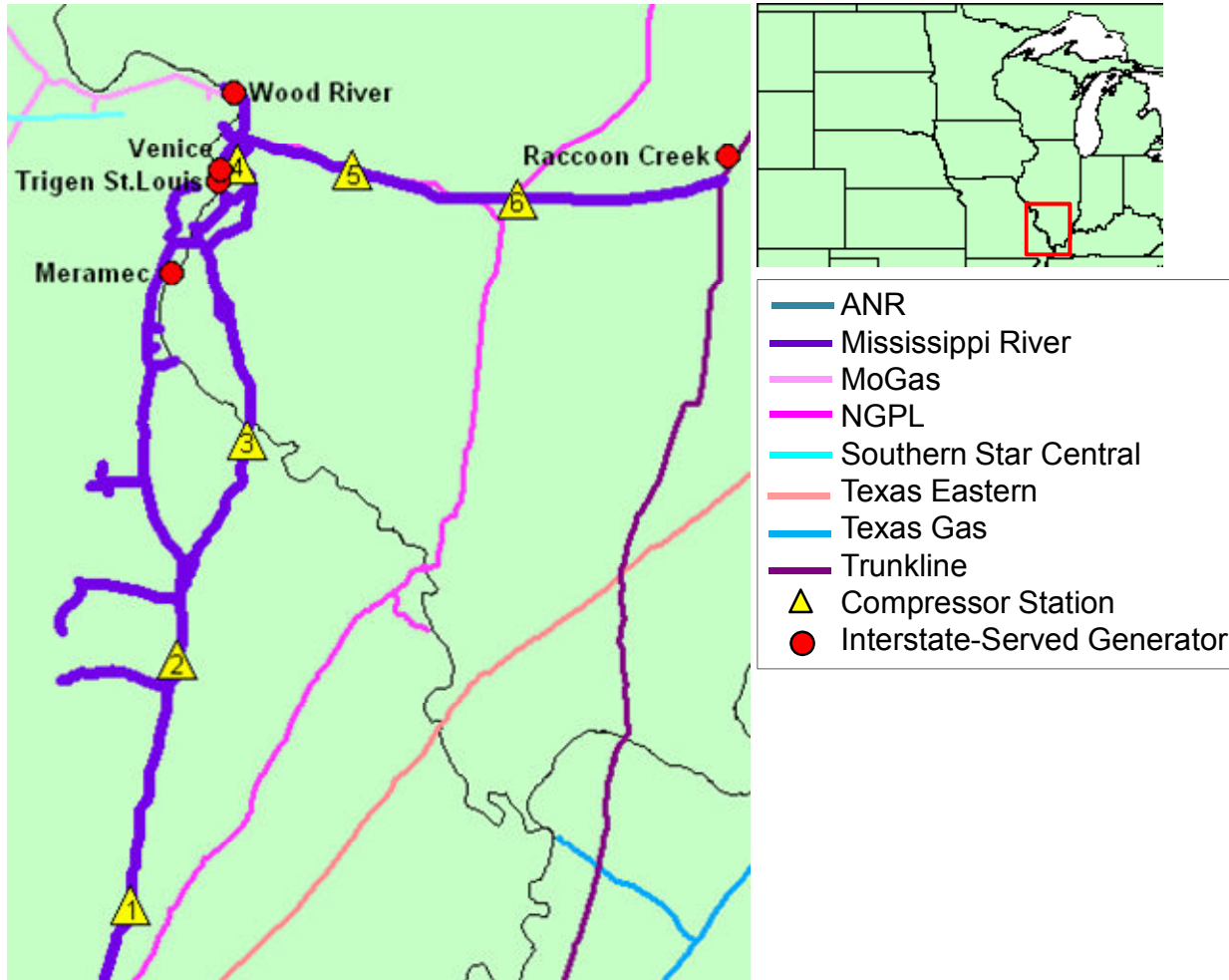


Table A2-28. MISO North/Central Generators Directly Connected to Mississippi River

Generator	Capacity (MW)	Meter Name	Meter Number
Meramec	50	Ameren Power Plants	8368
Raccoon Creek	368	AmerenUE Raccoon Creek	13142
Trigen St. Louis	28	Trigen Energy-St Louis	5523
Venice	605	Ameren Power Plants	8368
Wood River ⁷	446	Ameren Power Plants	8368

⁷ Wood River uses coal as a primary fuel, natural gas is used for startup.

Table A2-29. Mississippi River Compressor Stations in MISO North/Central

ID	Name	Location
1	Poplar Bluff	Poplar Bluff, MO
2	Twelve Mile	Fredericktown, MO
3	Ste. Genevieve	Sainte Genevieve, MO
4	Horseshoe Lake	Granite City, IL
5	St. Jacob	Saint Jacob, IL
6	Shattuc	Shattuc, IL

Figure A2-22. Mississippi River Transmission Facilities in MISO South

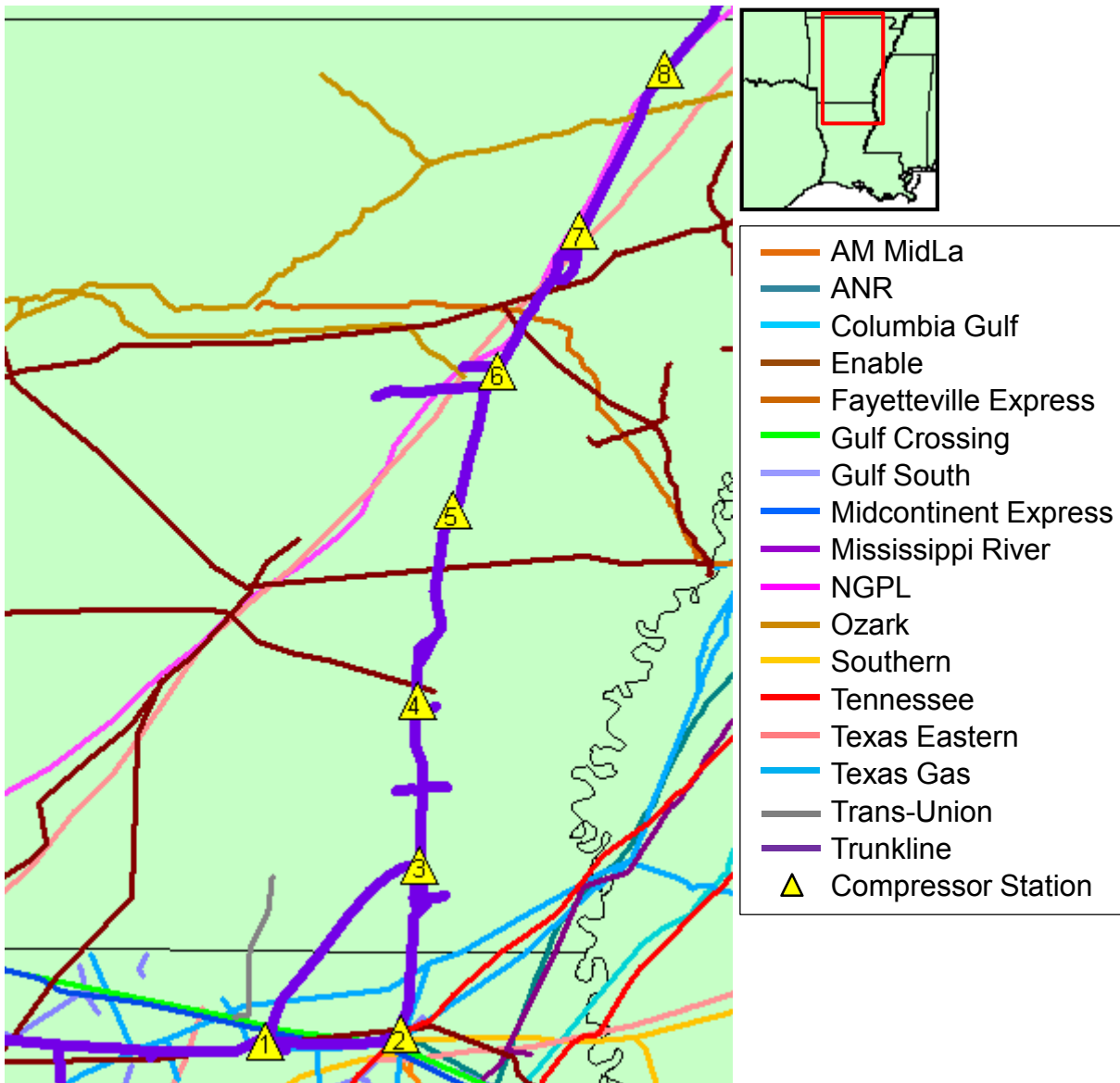


Table A2-30. Mississippi River Compressor Stations in MISO South

ID	Name	Location
1	Unionville	Dubach, LA
2	Perryville	Perryville, LA
3	Fountain Hill	Hamburg, AR
4	Glendale	Glendale, AR
5	Carlisle	Carlisle, AR
6	West Point	West Point, AR
7	Tuckerman	Tuckerman, AR
8	Biggers	Biggers, AR

MoGas Pipeline

Capacity: 95 MDth/d

Figure A2-23. MoGas Pipeline Facilities in MISO North/Central

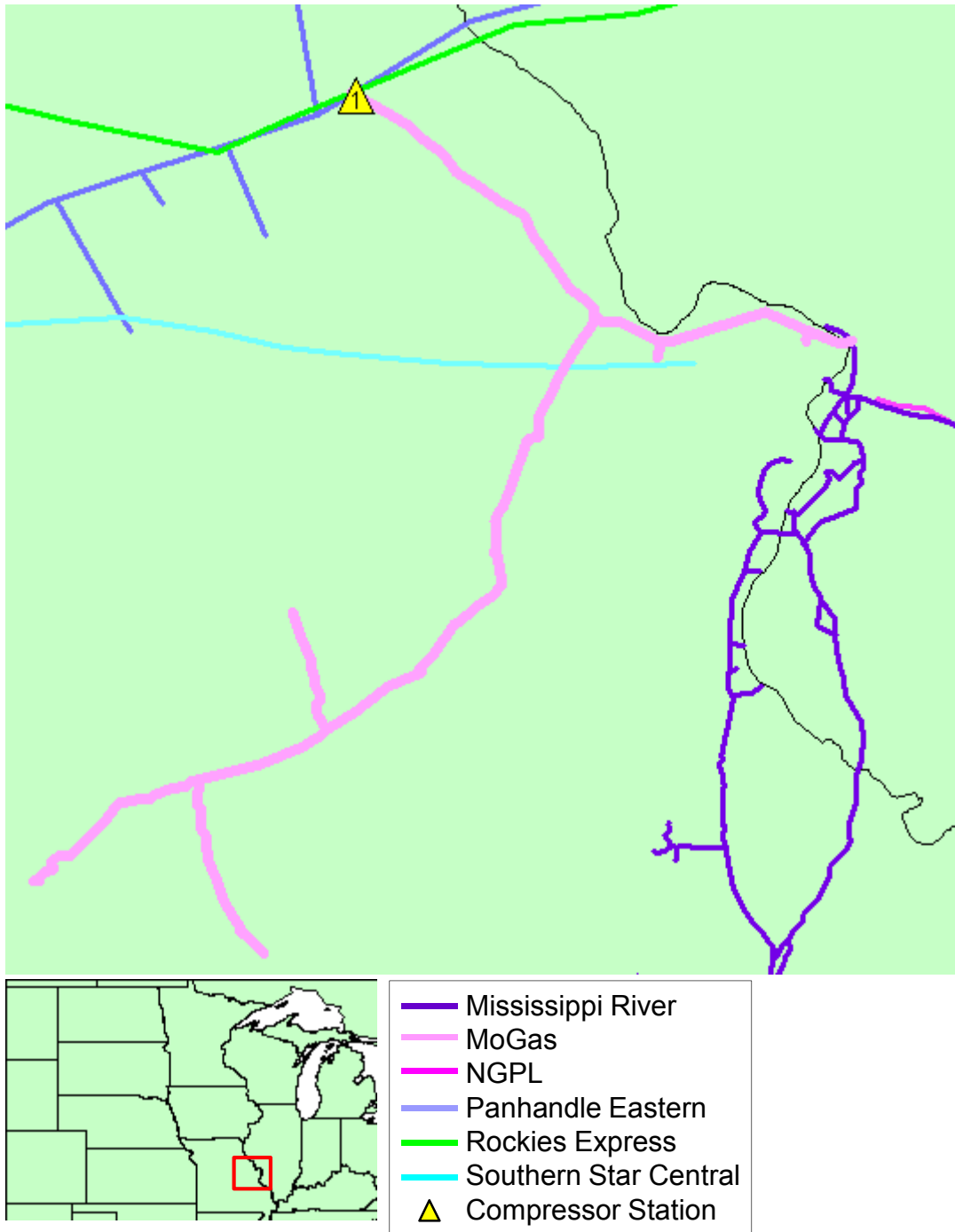


Table A2-31. MoGas Compressor Stations in North/Central

ID	Name	Location
1	Curryville	Curryville, MO

Natural Gas Pipeline Company of America (Kinder Morgan / Myria Acquisition)

Capacity: 4,491 MDth/d

Figure A2-24. NGPL Facilities in MISO North/Central

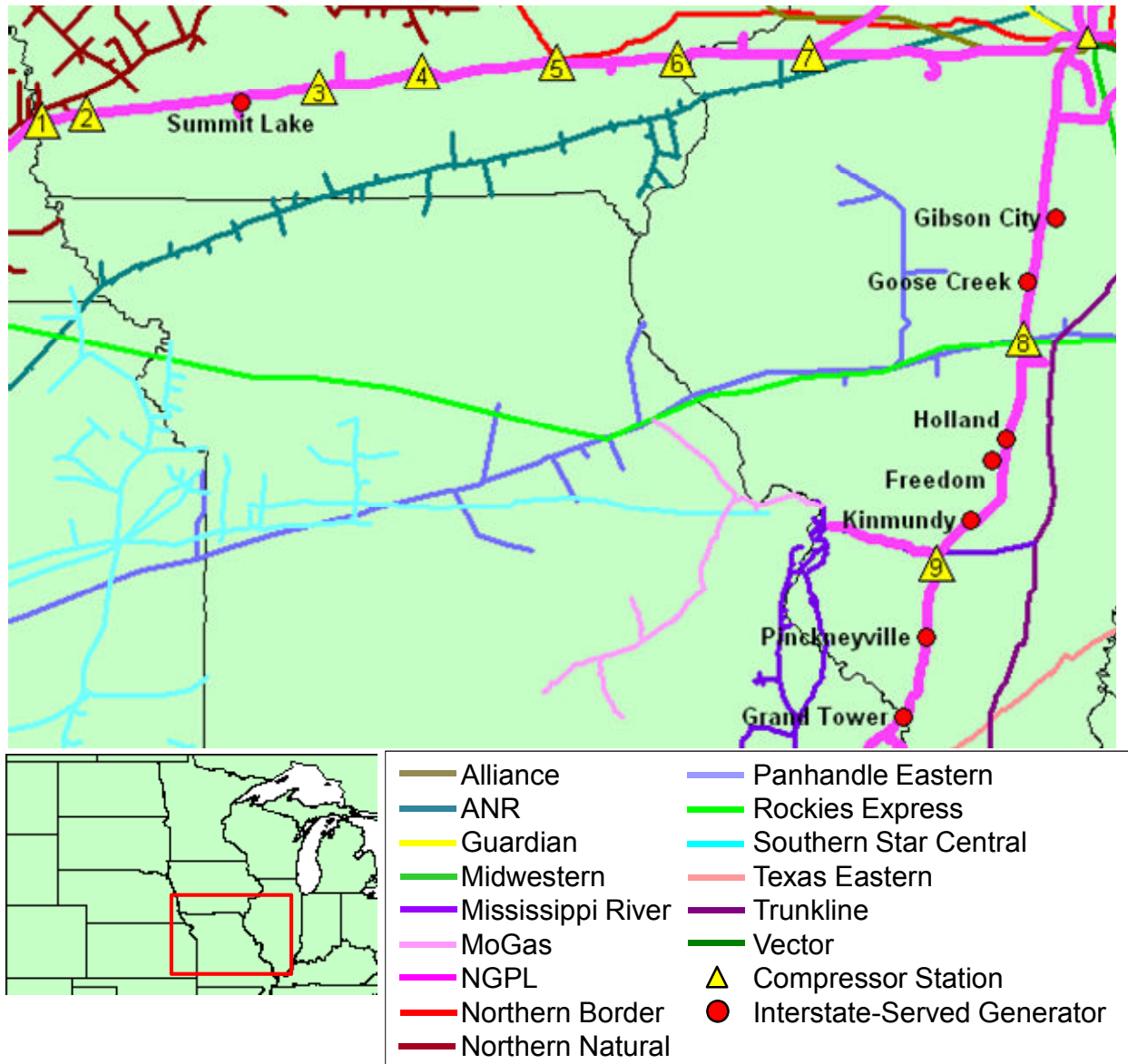


Table A2-32. MISO North/Central Generators Directly Connected to NGPL

Generator	Capacity (MW)	Meter Name	Meter Number
Freedom Power	47	SWECI/NGPL Peaker Power Plant Faye	37036
Gibson City	270	Ameren/NGPL UEDC Gibson City Plant	N/A
Goose Creek	552	AmUE / NGPL Goose Creek Power Plt Pia	40250
Grand Tower	506	Gr Tower/NGPL Jackson	900176
Holland Energy	710	Holland/NGPL Holland Energy Plant S	39845
Kinmundy	260	AmUE / NGPL Kinmundy Plant Fayette	36779
Pinckneyville	368	Pickney / NGPL Perry	900175
Summit Lake	82	CIPCO/NGPL Central Iowa Power Co-Op	39548

Table A2-33. NGPL Compressor Stations in MISO North/Central

ID	Name	Location
1	Station 117	Glenwood, IA
2	Station 107	Emerson, IA
3	Station 108	Norwalk, IA
4	Station 198	Knoxville, IA
5	Station 109	Sigourney, IA
6	Station 199	Letts, IA
7	Station 110	Geneseo, IL
8	Station 311	Hammond, IL
9	Station 310	Centralia, IL

Figure A2-25. NGPL Facilities in MISO South

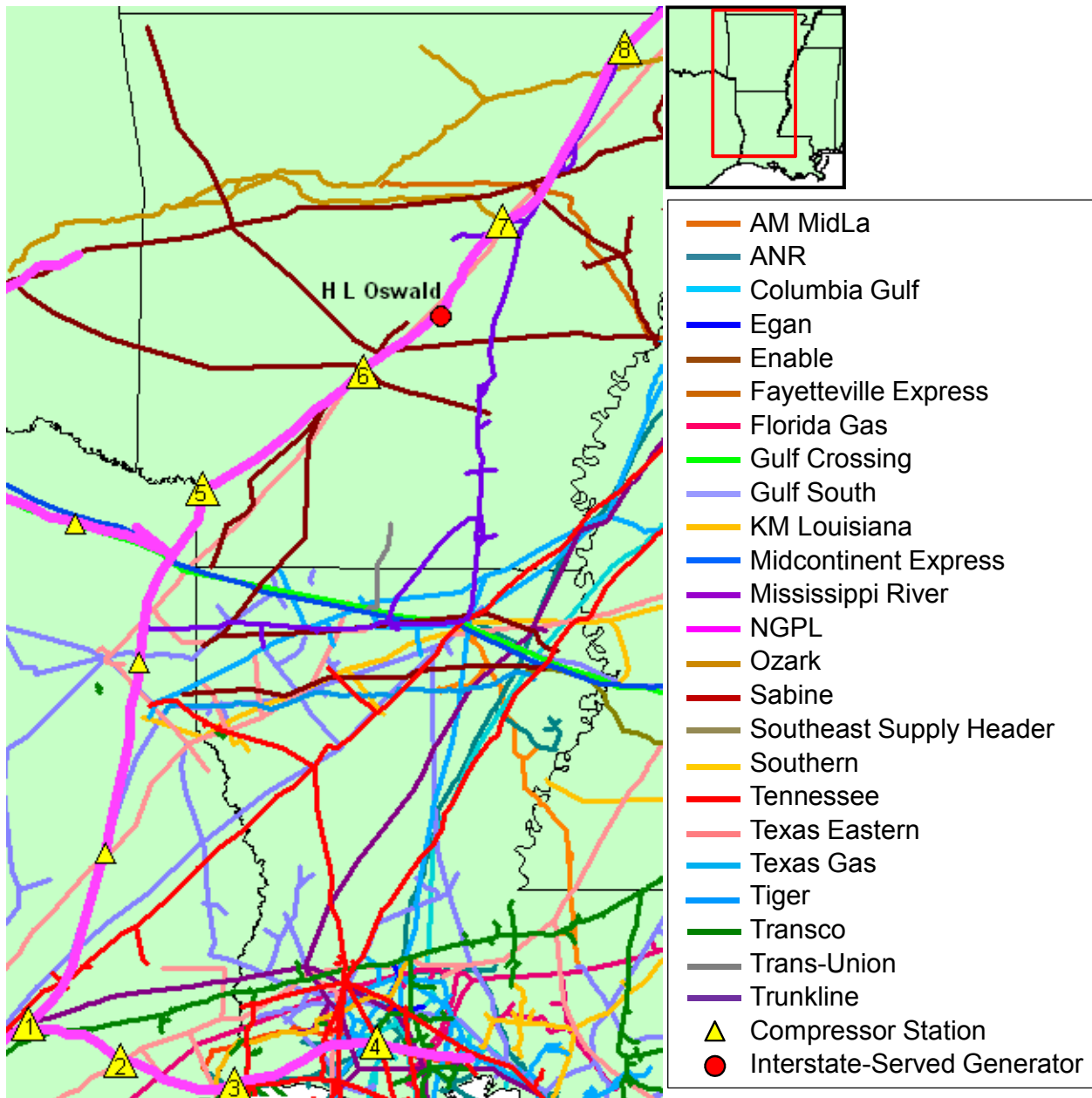


Table A2-34. MISO South Generators Directly Connected to NGPL

Generator	Capacity (MW)	Meter Name	Meter Number
Harry L Oswald	548	AECC / NGPL Wrightsville Plt Pulaski	37026

Table A2-35. NGPL Compressor Stations in MISO South

ID	Name	Location
1	Station 302	New Caney, TX
2	Station 343	Devers, TX
3	Station 342	Cameron, LA
4	Station 346	Lowry, LA
5	Station 305	Texarkana, AR
6	Station 306	Marvern, AR
7	Station 307	Searcy, AR
8	Station 308	Biggers, AR

Northern Border Pipeline (TransCanada / ONEOK)

Capacity: 2,574 MDth/d

Figure A2-26. Northern Border Facilities in MISO North/Central

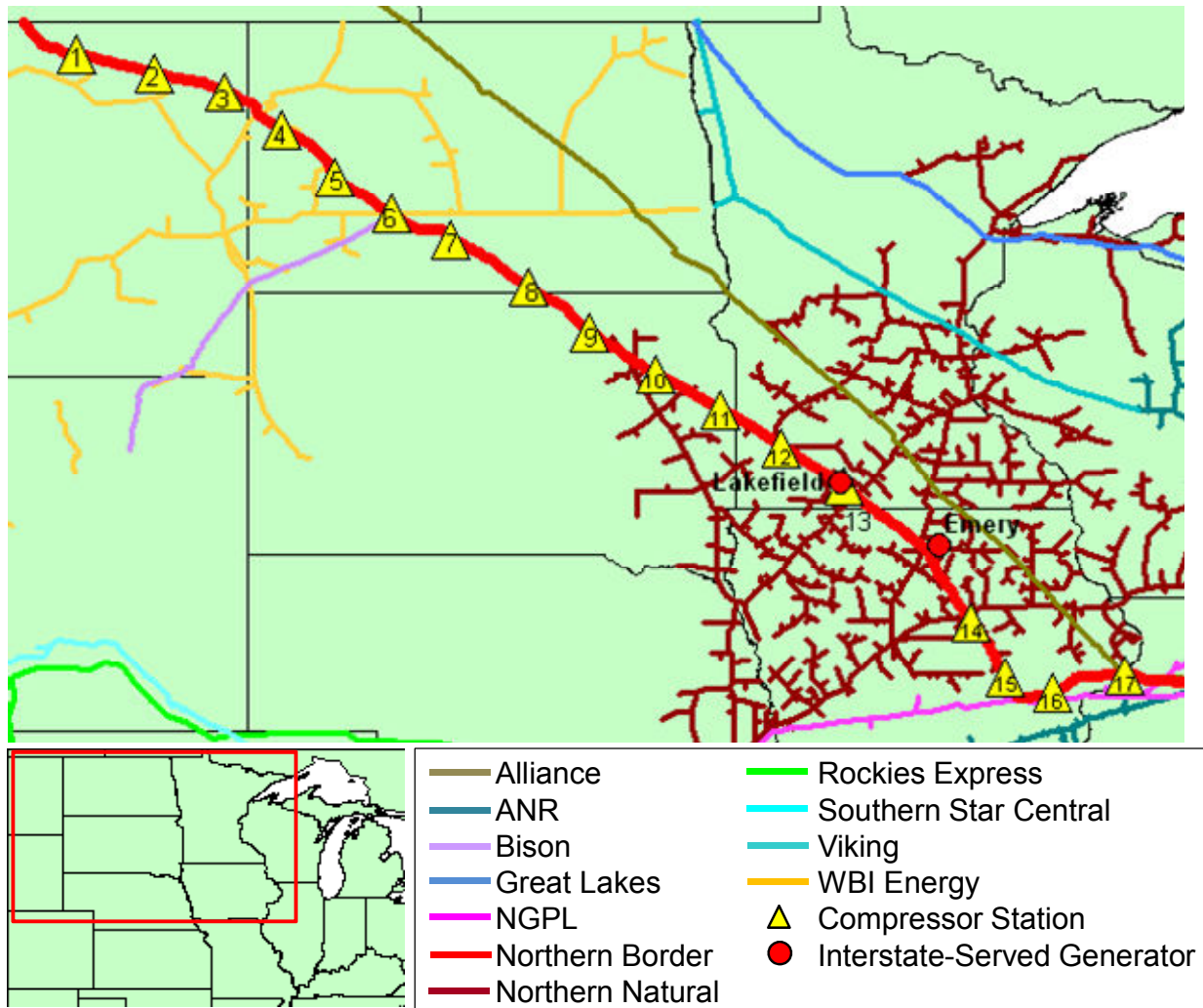


Table A2-36. MISO North/Central Generators Directly Connected to Northern Border

Generator	Capacity (MW)	Meter Name	Meter Number
Emery	382	Yale	378214
Lakefield Junction	594	Welcome	11958

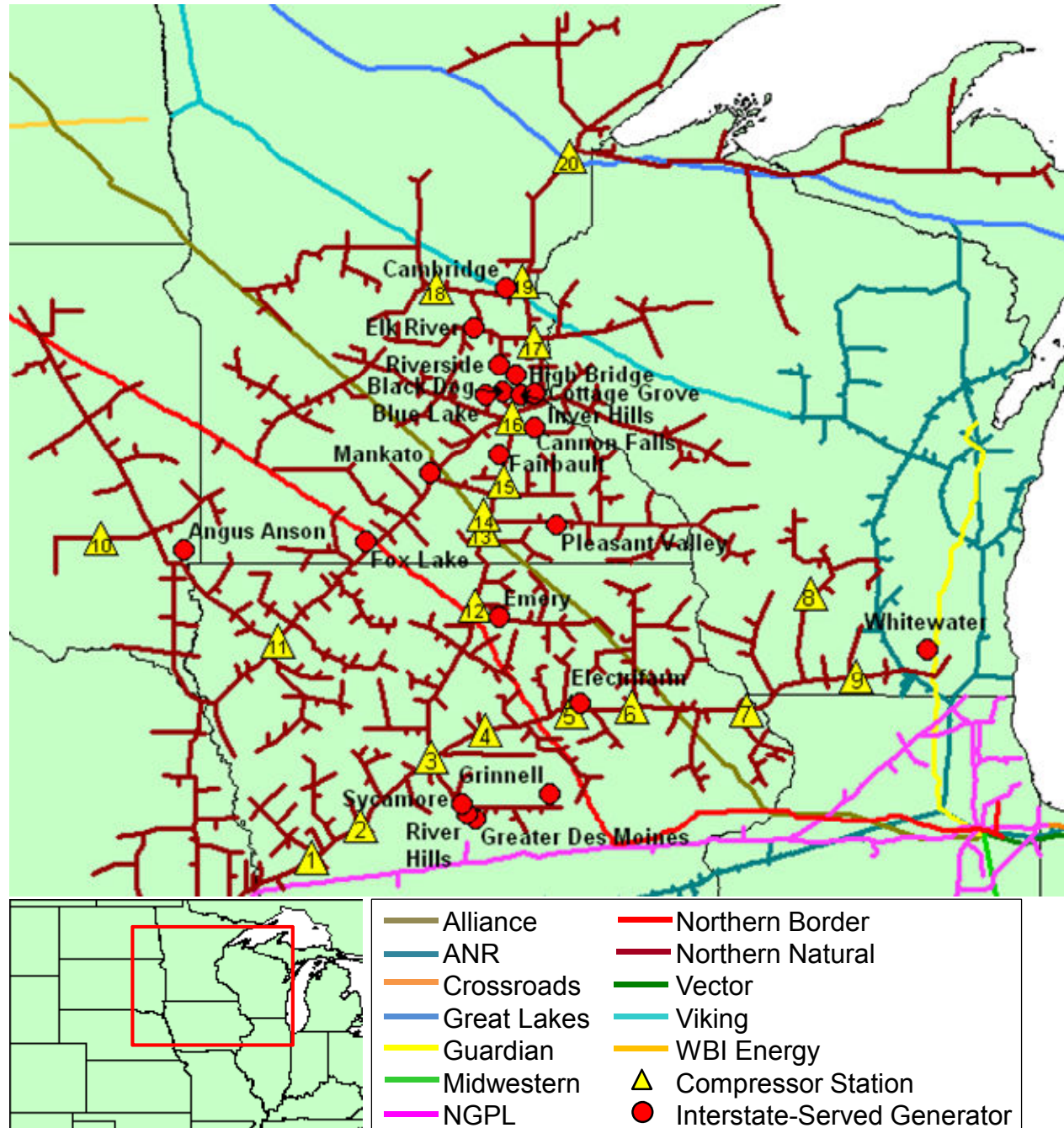
Table A2-37. Northern Border Compressor Stations in MISO North/Central

ID	Name	Location
1	Glasgow	Glasgow, MT
2	Wolf Point	Wolf Point, MT
3	Culbertson	Culbertson, MT
4	Arnegard	Arnegard, ND
5	Manning	Manning, ND
6	Glen Ullin	Glen Ullin, ND
7	Saint Anthony	Saint Anthony, ND
8	Zeeland	Zeeland, ND
9	Wetonka	Westport, SD
10	Clark	Clark, SD
11	Estelline	Estelline, SD
12	Garvin	Garvin, MN
13	Trimont	Trimont, MN
14	Grundy Center	Grundy Center, IA
15	Station #15	Poweshiek County, IA
16	Lone Tree	Lone Tree, IA
17	Eldridge	Eldridge, IA

Northern Natural Gas (MidAmerican Energy Holdings)

Capacity: 1,482 MMcf/d (Oakland), 2,148 MMcf/d (Ventura North), 829 MMcf/d (Waterloo), 1,145 MMcf/d (Farmington to North Branch), 250 MMcf/d (Carlton to North Branch)⁸

Figure A2-27. Northern Natural Gas Facilities in MISO North/Central



⁸ Capacity values are taken from the “Estimated Maximum Sustainable Capacity” column of Northern Natural’s Peak Day Capacity Report. The filing notes that “estimated sustainable capacity is the capacity that can be sustained for 151 days during the heating season based on the primary receipt and delivery locations.”

Table A2-38. MISO North/Central Generators Directly Connected to Northern Natural

Generator	Capacity (MW)	Meter Name	Meter Number
Angus Anson	432	Angus C. Anson SD #1	60816
Black Dog	305	Black Dog Power Plant	78625
Blue Lake	343	Blue Lake Power Station	78555
Cambridge	190	GRE Cambridge Power Plant	78914
Cannon Falls	356	Cannon Falls Energy Center	78948
Cottage Grove	273	Cottage Grove MN (LS Power)	62890
Electrifarm	243	Waterloo IA #1A	3351
Elk River	220	GRE Elk River Plant	78964
Emery	382	Clear Lake WI #1	3976
Fairbault	255	MMPA/Fairbault Power Plant	78469
Fox Lake	88	Sherburn MN #2	12954
Greater Des Moines	570	Pleasant Hill IA #1	78195
Grinnell	50	Grinnell IA #1	2867
High Bridge	540	High Bridge Power Plant	78626
Inver Hills	428	Inver Hills Power Plant	79046
Mankato Energy Center	367	Mankato Energy Center	78553
Pleasant Valley	493	Pleasant Valley Power Plant	78072
River Hills	150	Des Moines IA #1A	2777
Riverside	624	Riverside Power Plant	78627
Sycamore	190	Johnston IA #1	2778
Whitewater Cogen	257	Whitewater (LS Power)	62883

Table A2-39. Northern Natural Compressor Stations in MISO North/Central

ID	Name	Location
1	Oakland	Oakland, IA
2	Guthrie Center	Guthrie Center, IA
3	Ogden	Ogden, IA
4	Waterloo	Waterloo, IA
5	Hubbard	Hubbard, IA
6	Earlville	Delhi, IA
7	Galena	Jo Daviess County, IL
8	Spring Green	Spring Green, WI
9	Belleville	Monroe, WI
10	Spencer	Spencer, IA
11	Paulina	Paulina, IA
12	Ventura	Ventura, IA
13	Albert Lea	Hartland, MN
14	Owatonna	Owatonna, MN
15	Faribault	Faribault, MN
16	Farmington	Farmington, MN
17	Hugo	Hugo, MN
18	Popple Creek	Sauk Rapids, MN
19	North Branch	North Branch, MN
20	Carlton	Carlton, MN

Ozark Gas Transmission (Spectra Energy)

Capacity: 519 MDth/d

Figure A2-28. Ozark Gas Transmission Facilities in MISO South

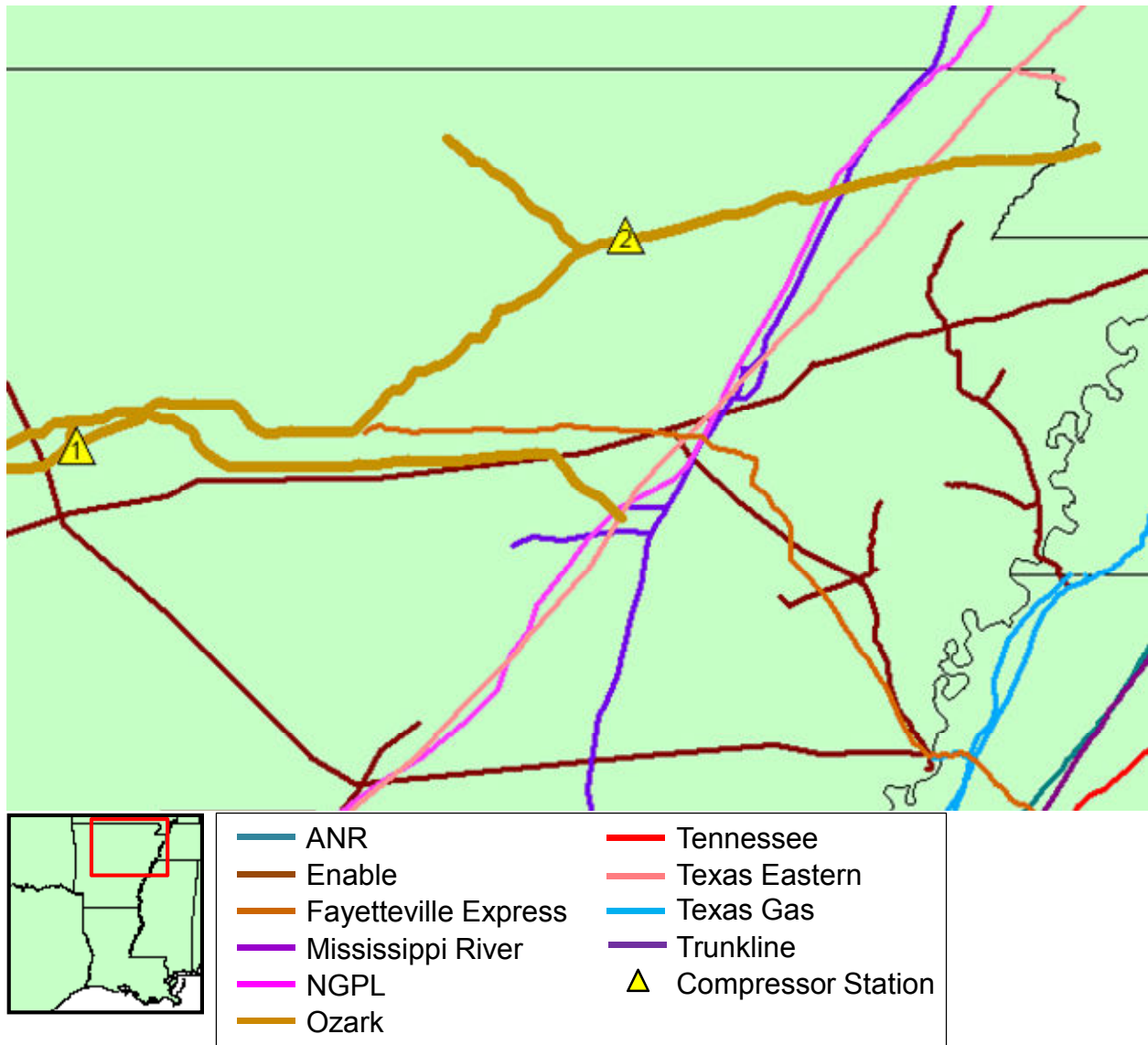


Table A2-40. Ozark Gas Compressor Stations in MISO South

ID	Name	Location
1	Noark	Alix, AR
2	Standing Rock	Mount Pleasant, AR

Panhandle Eastern (Energy Transfer Partners)

Capacity: 2,840 MDth/d

Figure A2-29. Panhandle Eastern Facilities in MISO North/Central

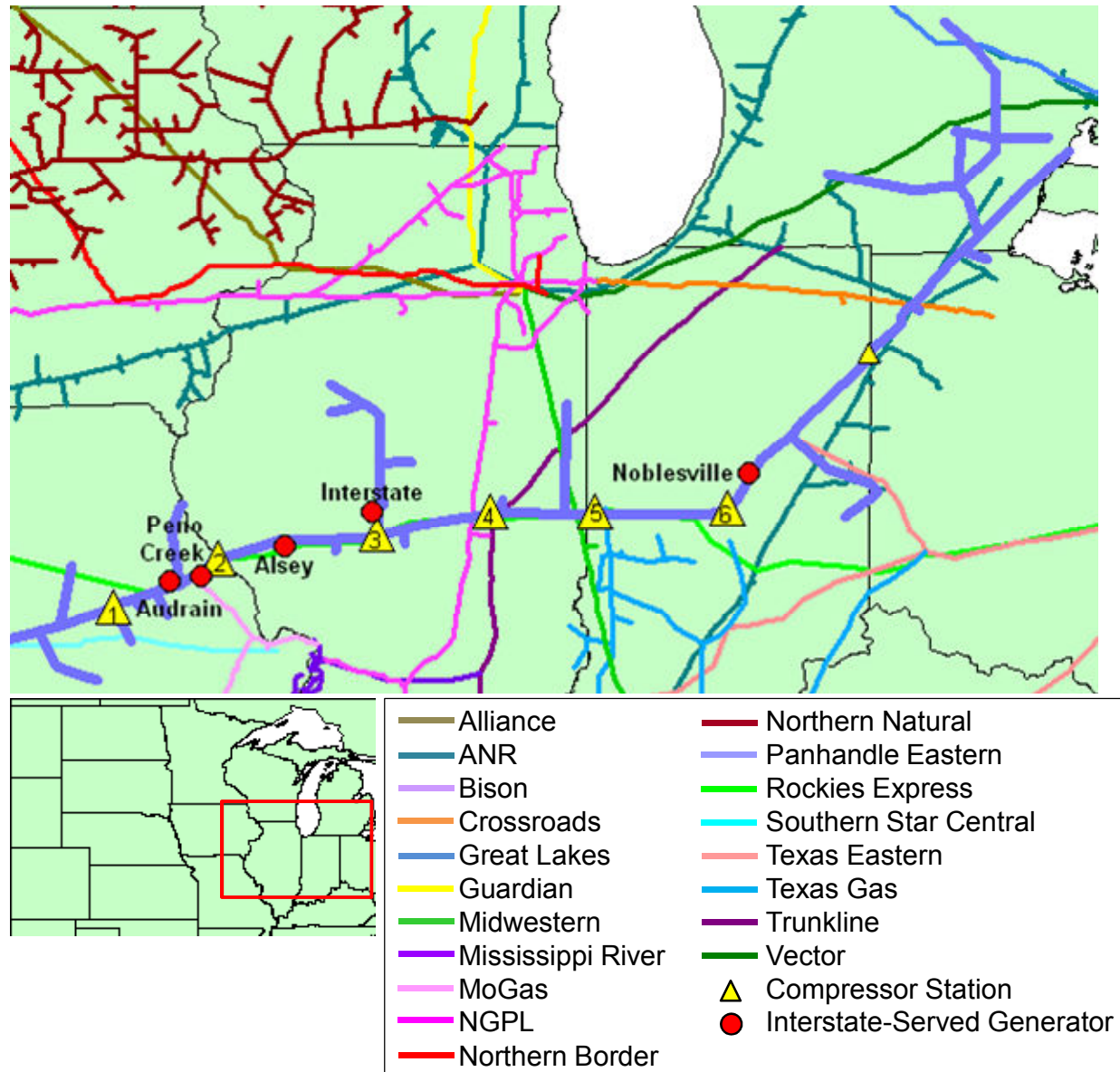


Table A2-41. MISO North/Central Generators Directly Connected to Panhandle Eastern

Generator	Capacity (MW)	Meter Name	Meter Number
Aley	120	Aley Refractories	02096
Audrain	736	Audrain Power Plant - Union Electric dba Ameren MO	09235
Interstate	134	CWLP	09219
Noblesville	310	Noblesville Plant - Duke Energy Indiana	02861
Peno Creek	260	Peno Creek Power Plant - Union Electric Co dba Ameren MO	09242

Table A2-42. Panhandle Eastern Compressor Stations in MISO North/Central

ID	Name	Location
1	Centralia	Centralia, MO
2	Pleasant Hill	Pleasant Hill, IL
3	Glenarm	Glenarm, IL
4	Tuscola	Tuscola, IL
5	Montezuma	Montezuma, IN
6	Zionsville	Indianapolis, IN

Rockies Express (Tallgrass / Sempra / Phillips 66)

Capacity: 2,000 MDth/d

Figure A2-30. Rockies Express Facilities in MISO North/Central

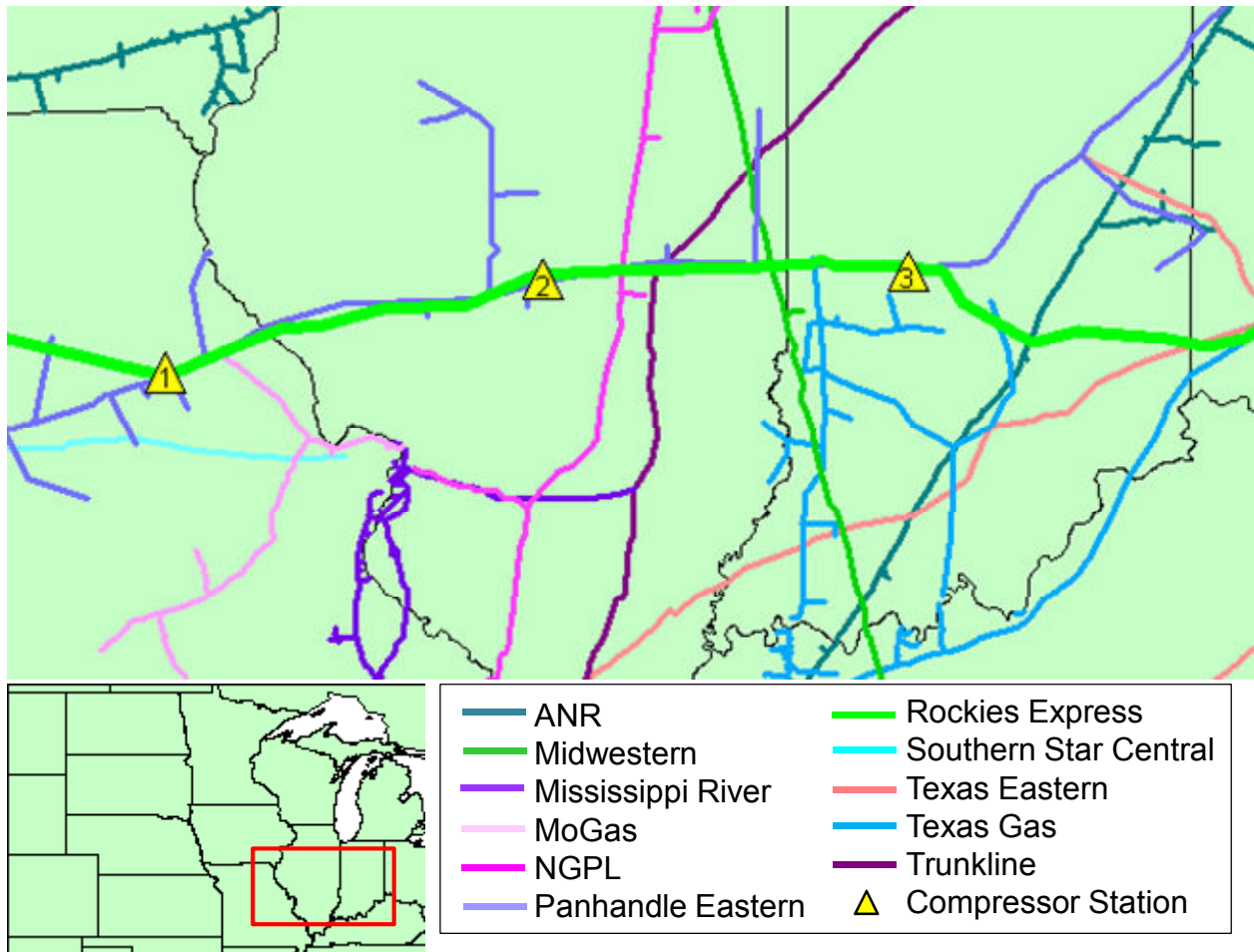


Table A2-43. Rockies Express Compressor Stations in MISO North/Central

ID	Name	Location
1	Mexico	Mexico, MO
2	Blue Mound	Christian County, IL
3	Bainbridge	Bainbridge, IN

Sabine Pipeline

Capacity: 235 MDth/d

Figure A2-31. Sabine Pipeline Facilities in MISO South

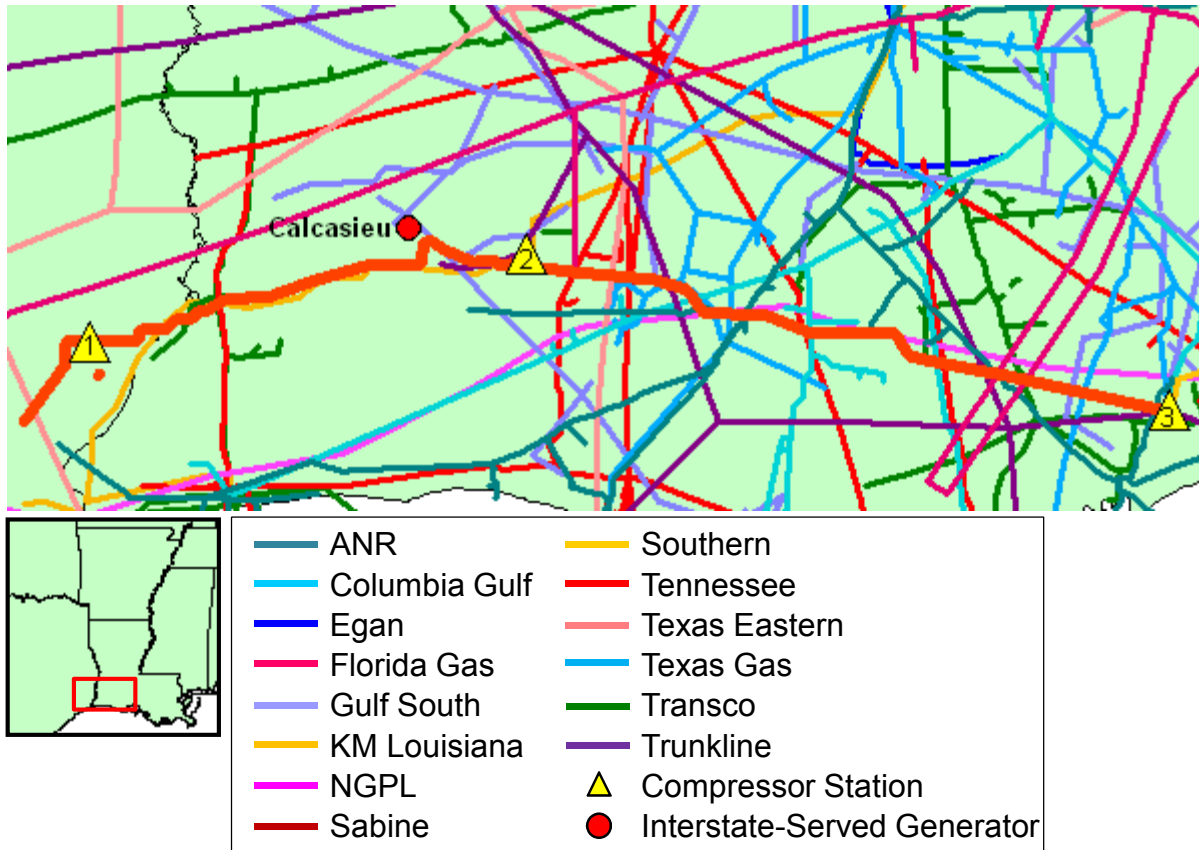


Table A2-44. MISO South Generators Directly Connected to Sabine

Generator	Capacity (MW)	Meter Name	Meter Number
Calcasieu	310	Calcasieu Power	CALP

Table A2-45. Sabine Compressor Stations in MISO South

ID	Name	Location
1	Port Neches	Port Neches, TX
2	Holmwood	Sulphur, LA
3	Henry Hub	Erath, MA

Southeast Supply Header (Enable Midstream Partners / Spectra Energy)

Capacity: 1,025 MDth/d

Figure A2-32. Southeast Supply Header Facilities

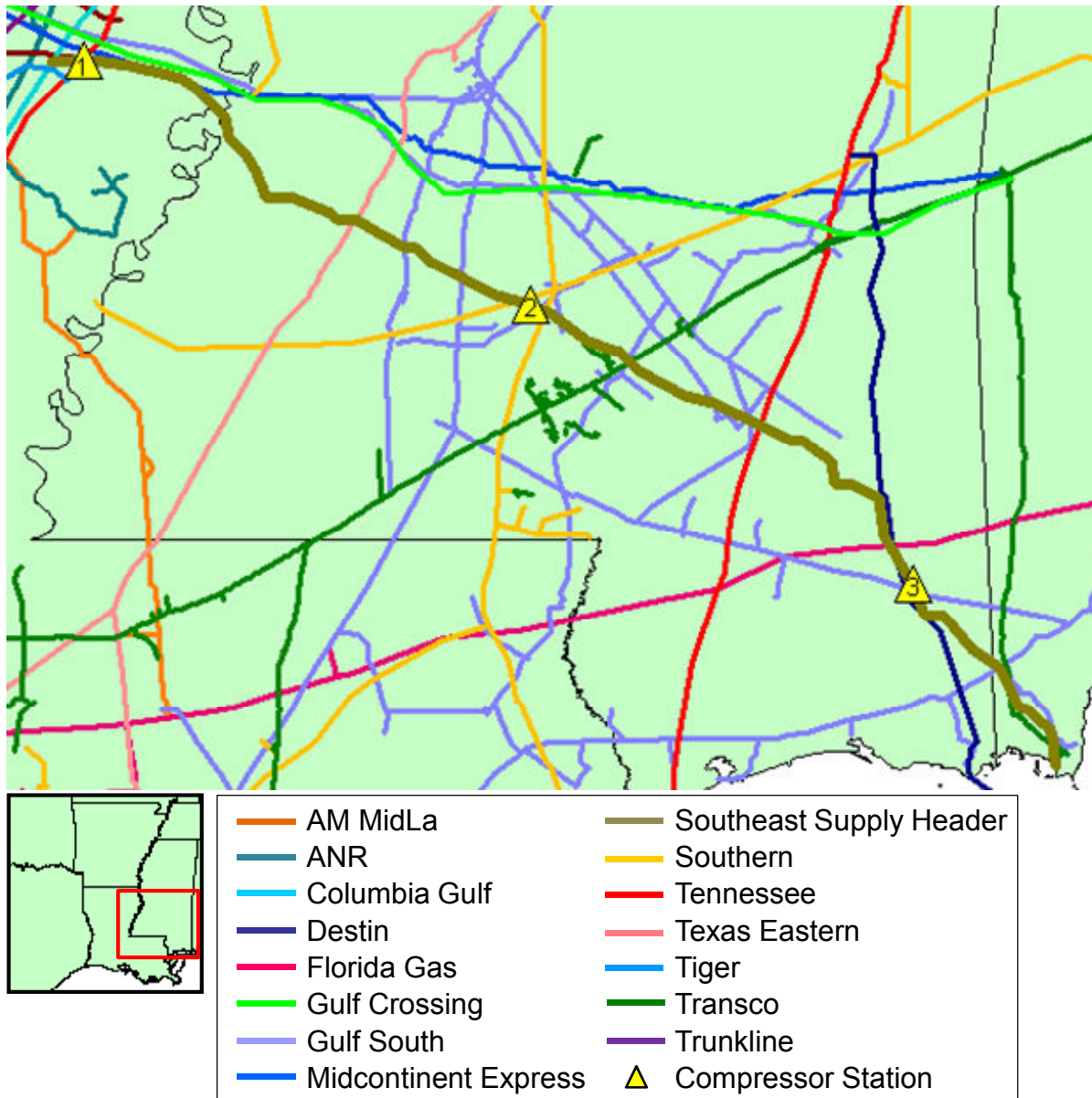


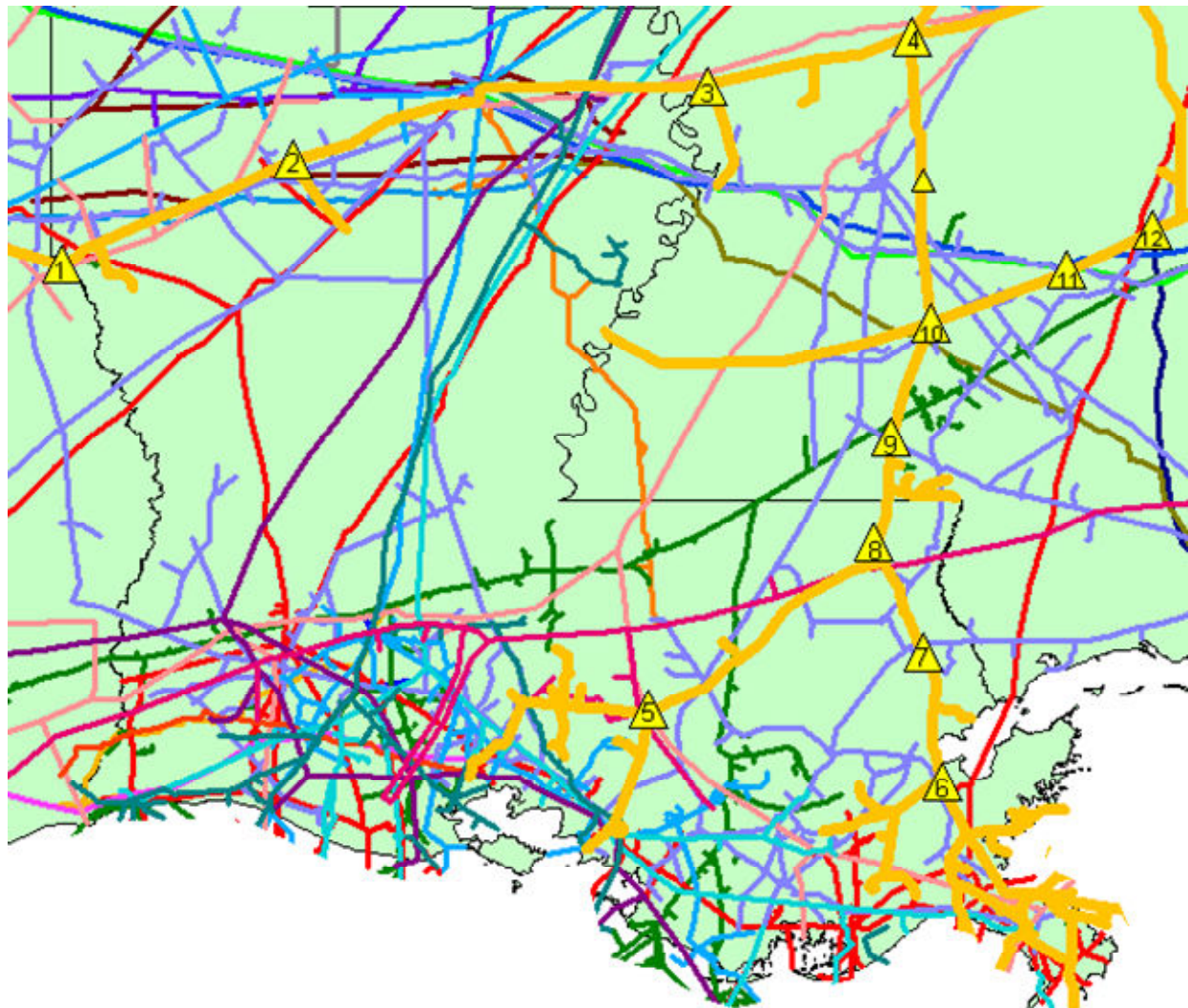
Table A2-46. Southeast Supply Header Compressor Stations in MISO South

ID	Name	Location
1	Delhi	Delhi, LA
2	Gwinville	Gwinville, MS
3	Lucedale	Lucedale, MS

Southern Natural Gas (Kinder Morgan)

Capacity: 3,940 MMcf/d

Figure A2-33. Southern Natural Gas Facilities in MISO South



AM MidLa	NGPL
ANR	Sabine
Columbia Gulf	Southeast Supply Header
Destin	Southern
Egan	Tennessee
Enable	Texas Eastern
Florida Gas	Texas Gas
Gulf Crossing	Tiger
Gulf South	Transco
KM Louisiana	Trans-Union
Midcontinent Express	Trunkline
Mississippi River	Compressor Station

Table A2-47. Southern Compressor Stations in MISO South

ID	Name	Location
1	Logansport	Logansport, LA
2	Bienville	Bienville, LA
3	Onward	Cary, MS
4	Pickens	Pickens, MS
5	White Castle	Cannonburg, LA
6	Toca	St. Bernard, LA
7	Lacombe	Lacombe, LA
8	Franklinton	Amite, LA
9	Pearl River	Foxworth, MS
10	Gwinville	New Hebron, MS
11	Bay Springs	Bay Springs, MS
12	Enterprise	Heidelberg, MS

Southern Star Central

Capacity: 43 MDth/d (Laclede meter design capacity), 31 MDth/d (Contracted deliveries at Laclede meter)⁹

Figure A2-34. Southern Star Central Facilities in MISO North/Central

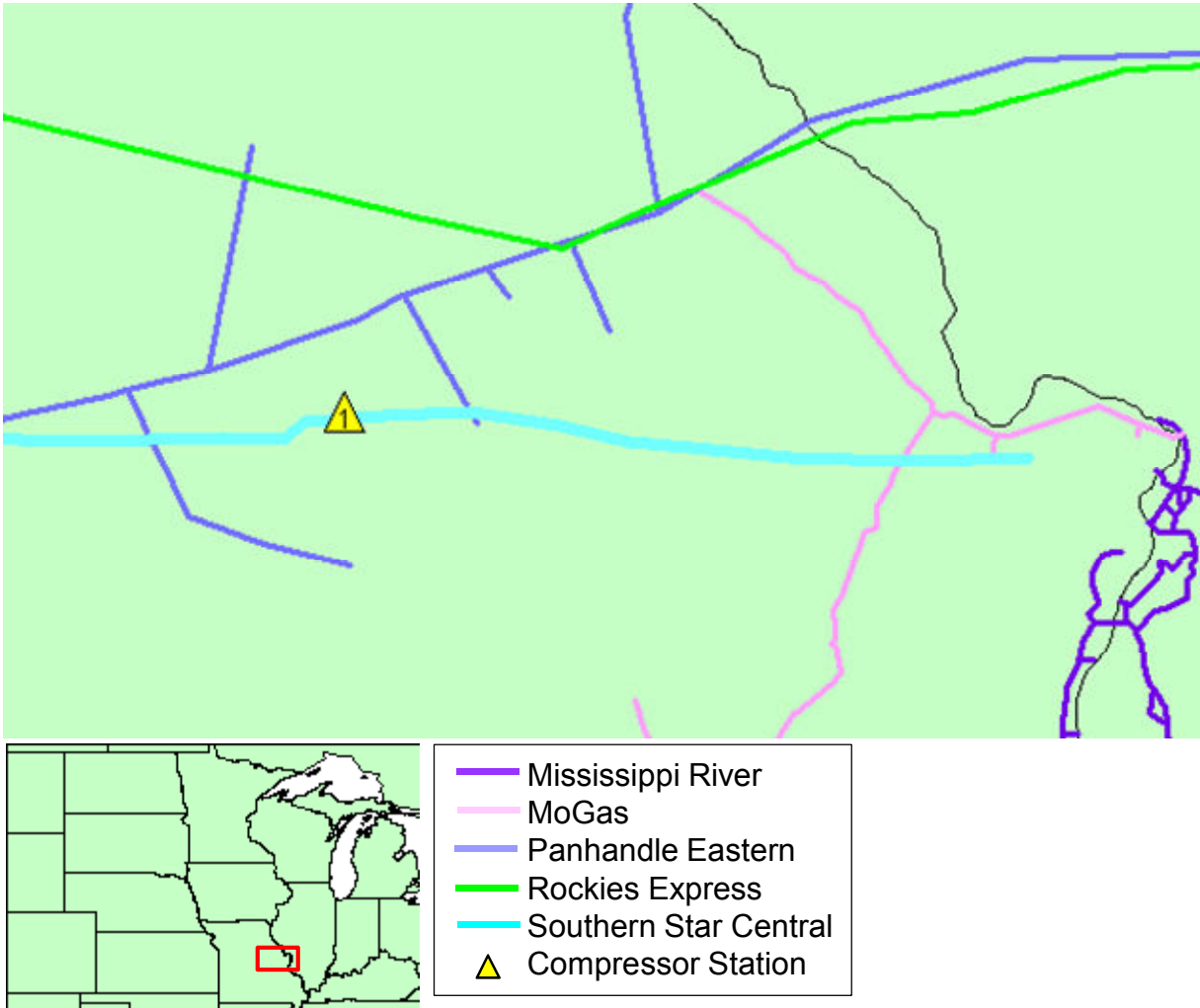


Table A2-48. Southern Star Central Compressor Stations in MISO North/Central

ID	Name	Location
1	Columbia	Columbia, MO

⁹ Laclede is Southern Star Central’s only delivery point in MISO.

Tennessee Gas Pipeline (Kinder Morgan)

Capacity: 3,356 MMcf/d (Station 87)

Figure A2-35. Tennessee Facilities in MISO South

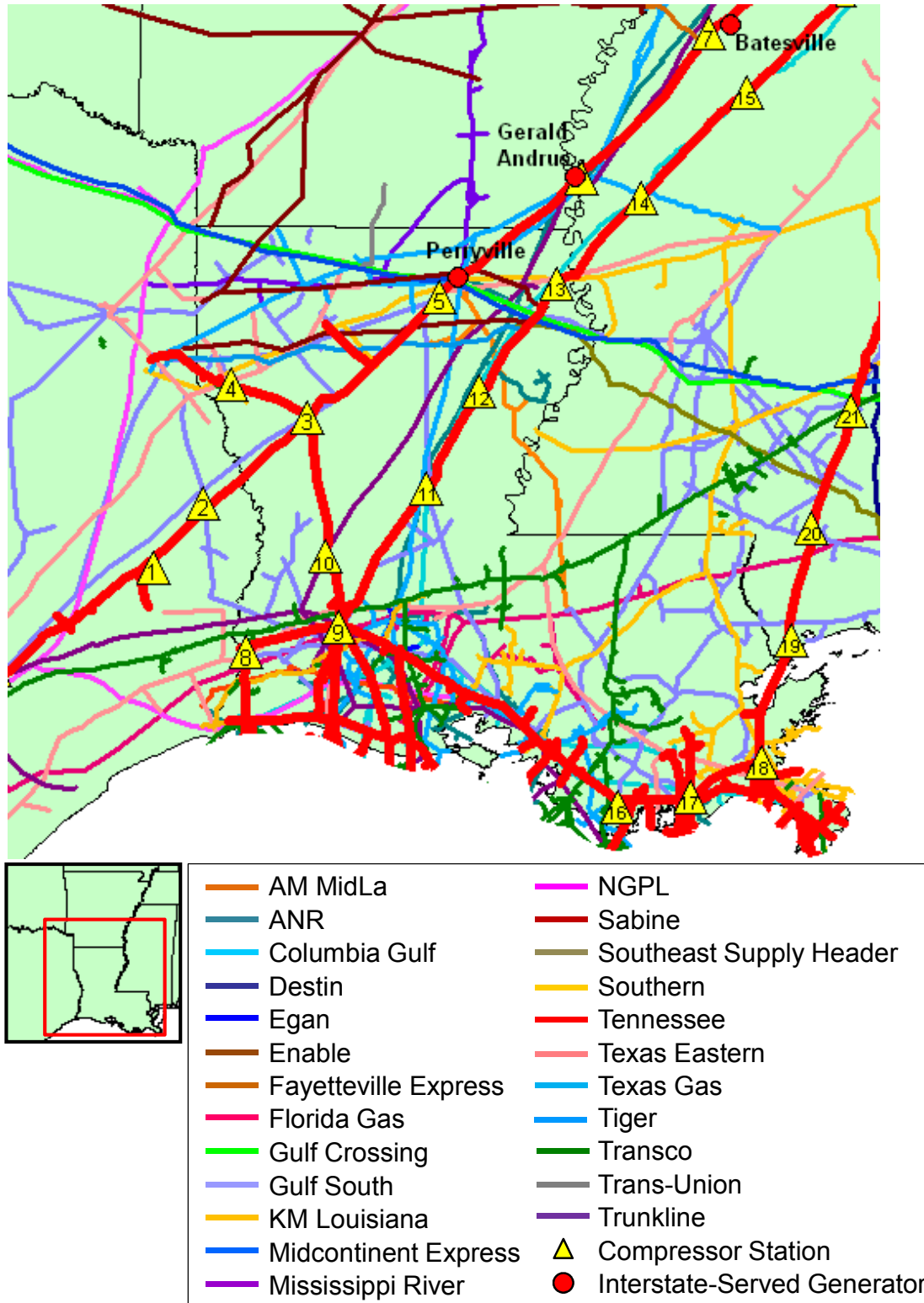


Table A2-49. MISO South Generators Directly Connected to Tennessee

Generator	Capacity (MW)	Meter Name	Meter Number
Batesville	837	So Miss/TGP Batesville Panola	420900
Gerald Andrus	640	Ent MS/TGP Power Rivers Sales Washi	420712
Perryville	691	EntryLA/TGP Perryville Power Ouach	421062

Table A2-50. Tennessee Compressor Stations in MISO South

ID	Name	Location
1	Station 25	Cleveland, TX
2	Station 32	Jasper, TX
3	Station 40	Natchitoches, LA
4	Station 703A	Mansfield, LA
5	Station 47	West Monroe, LA
6	Station 54	Greenville, MS
7	Station 63	Batesville, MS
8	Station 820	Vinton, LA
9	Station 823	Kinder, LA
10	Station 504	Pitkin, LA
11	Station 827	Alexandria, LA
12	Station 834	Extension, LA
13	Station 838	Transylvania, LA
14	Station 843	Isola, MS
15	Station 847	Coffeenville, MS
16	Station 523	Chauvin, LA
17	Station 524	Golden Meadow, LA
18	Station 527	Port Sulphur, LA
19	Station 530	Bay Saint Louis, MS
20	Station 534	Purvis, MS
21	Station 538	Heidelberg, MS

Texas Eastern Transmission (Spectra Energy)

Capacity: 8,877 MDth/d

Figure A2-36. Texas Eastern Facilities in MISO North/Central

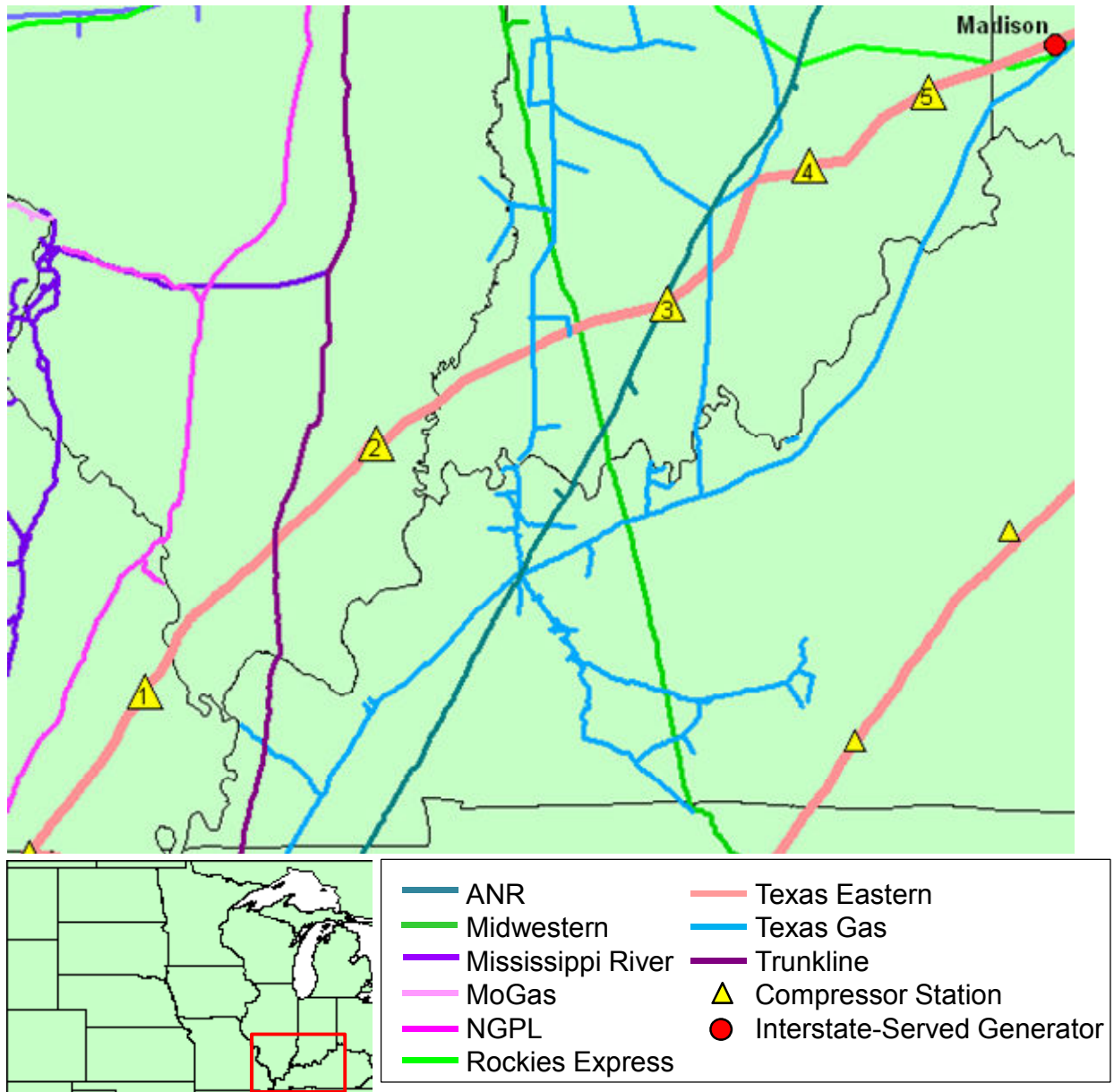


Table A2-51. MISO North/Central Generators Directly Connected to Texas Eastern

Generator	Capacity (MW)	Meter Name	Meter Number
Madison Station	704	Duke Energy Indiana	73233

Table A2-52. Texas Eastern Compressor Stations in MISO North/Central

ID	Name	Location
1	Oran	Oran, MO
2	Norris City	Norris City, IL
3	French Lick	French Lick, IN
4	Seymour	Seymour, IN
5	Batesville	Batesville, IN

Figure A2-37. Texas Eastern Facilities in MISO South

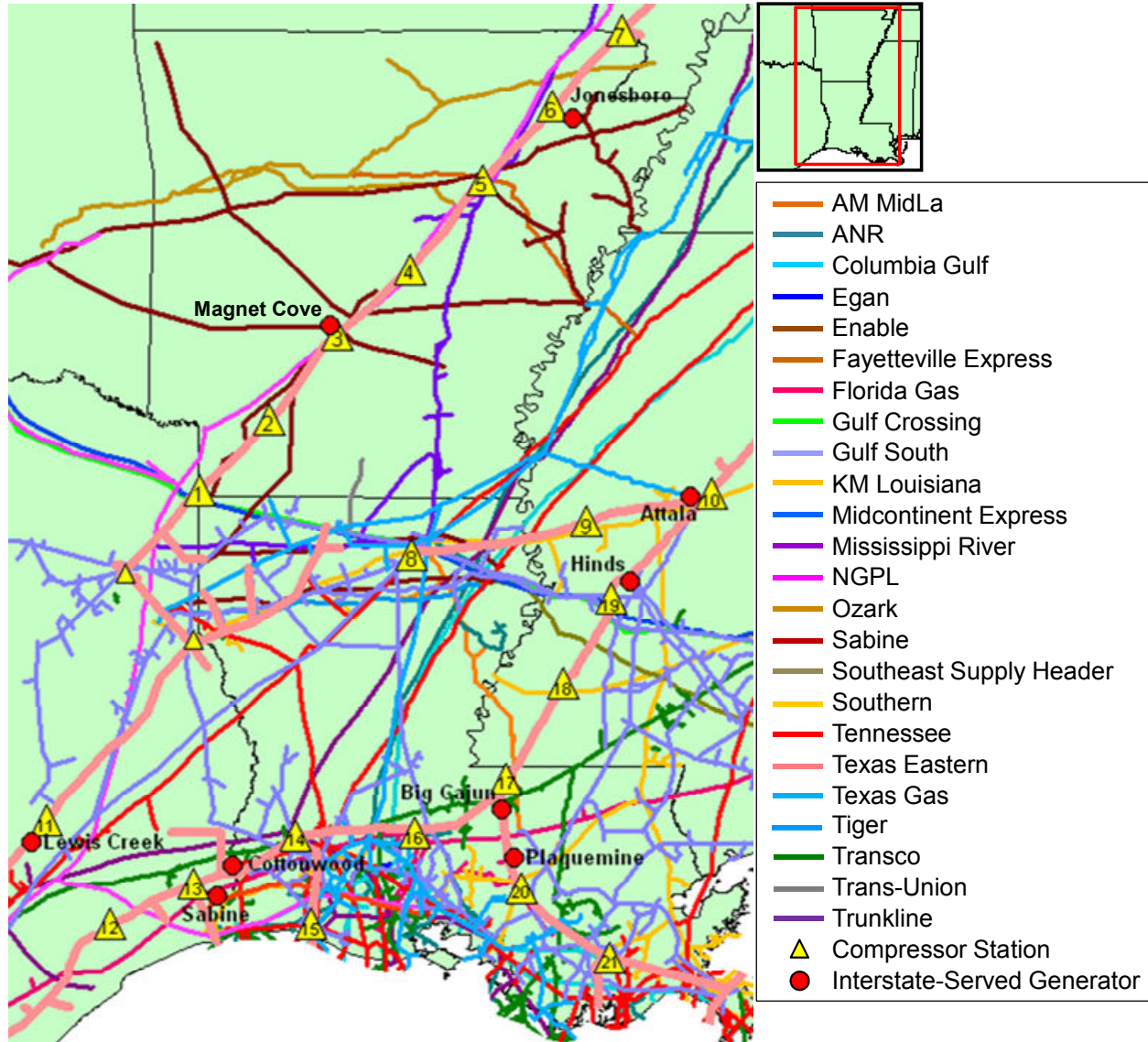


Table A2-53. MISO South Generators Directly Connected to Texas Eastern

Generator	Capacity (MW)	Meter Name	Meter Number
Attala	455	Attala Generating Company LLC (Del)	73251
Big Cajun 1	486	NRG – Big Cajun Electric, Coupee Psh., LA	72857
City Water Light - Jonesboro	169	Jonesboro City, Water & Light – Greene, AR	73226
Cottonwood	1,327	Cottonwood Energy Company, LP - Newton Co., TX	73298
Hinds	449	Hinds Power Plant	73252
Lewis Creek	460	Entergy - Lewis Creek / Montgomery County, TX	73249
Magnet Cove	620	Hot Spring Power Plant, Hot Spring Co, AR	73667
Plaquemine	38	High Point Gas Gathering, L.P.-Iberville Parish, LA	73255
Sabine	1,809	Sabine Gas Trans. – Orange Co., TX	72395

Table A2-54. Texas Eastern Compressor Stations in MISO South

ID	Name	Location
1	Atlanta	Atlanta, TX
2	Hope	Emmet, AR
3	Donaldson	Malvern, AR
4	Little Rock	Little Rock, AR
5	Bald Knob	Bald Knob, AR
6	Walnut Ridge	Walnut Ridge, AR
7	Fagus	Fagus, MO
8	West Monroe	West Monroe, LA
9	Yazoo City	Yazoo, MS
10	Kosciusko	Kosciusko, MS
11	Huntsville	New Waverly, TX
12	Mont Belvieu	Cove, TX
13	Vidor	Vidor, TX
14	Gillis	Ragley, LA
15	Grand Chenier	Creole, LA
16	Opelousas	Opelousas, LA
17	St. Francisville	St. Francisville, LA
18	Union Church	Union Church, MS
19	Clinton	Jackson, MS
20	White Castle	White Castle, LA
21	La Rose	La Rose, LA

Texas Gas (Boardwalk Pipeline Partners)

Capacity: 4,592 MDth/d

Figure A2-38. Texas Gas Facilities in MISO North/Central

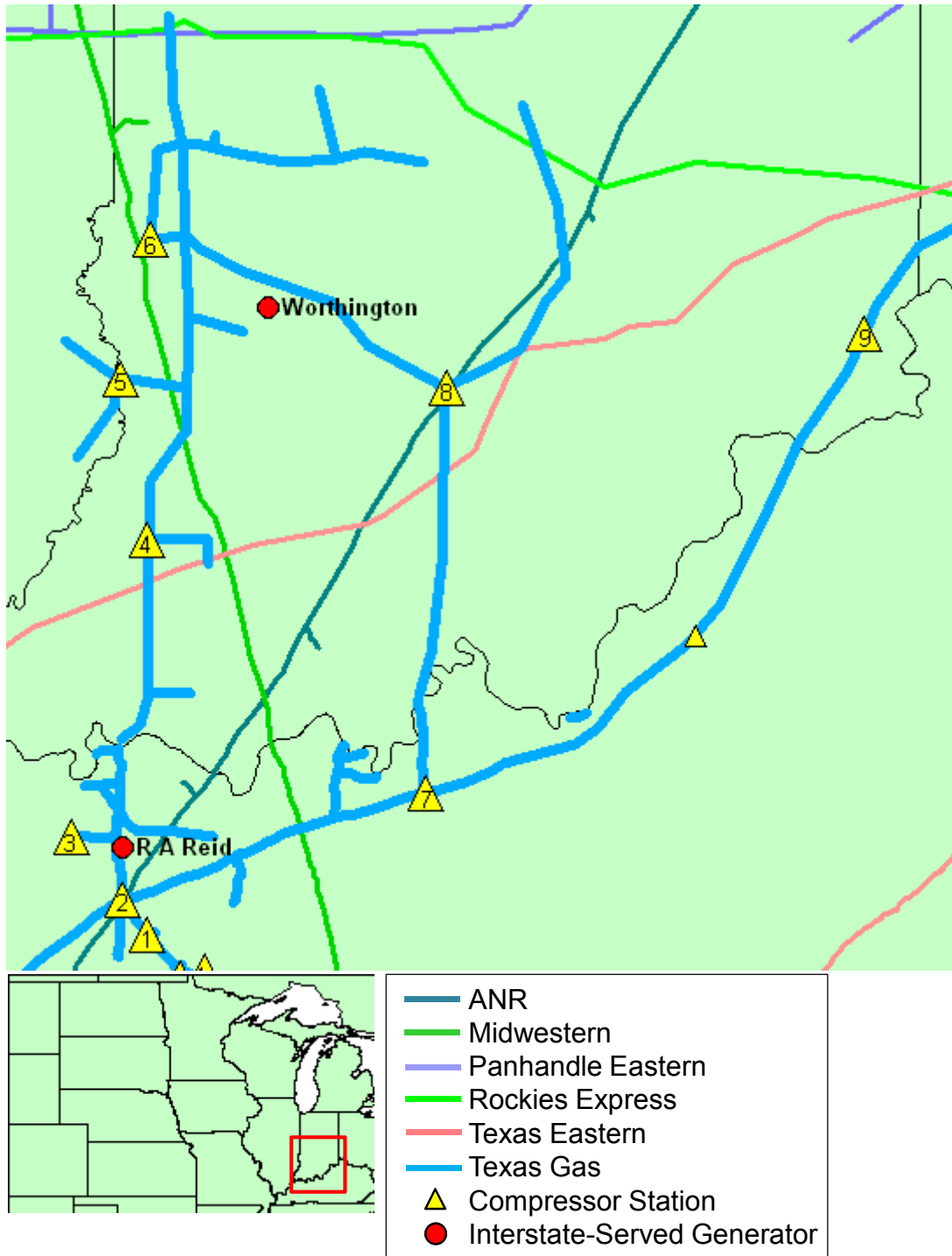


Table A2-55. MISO North/Central Generators Directly Connected to Texas Gas

Generator	Capacity (MW)	Meter Name	Meter Number
R A Reid	60	Big Rivers-Reid	9465
Worthington	172	Worthington Generation	9599

Table A2-56. Texas Gas Compressor Stations in MISO North/Central

ID	Name	Location
1	Hanson	Hanson, KY
2	Slaughters	Slaughters, KY
3	Dixie	Henderson County, KY
4	Petersburg	Hazleton, IN
5	Oaktown	Oaktown, IN
6	Wilfred	Shelburn, IN
7	Hardinsburg	Hardinsburg, KY
8	Leesville	Bedford, IN
9	Dillsboro	Aurora, IN

Figure A2-39. Texas Gas Facilities in MISO South

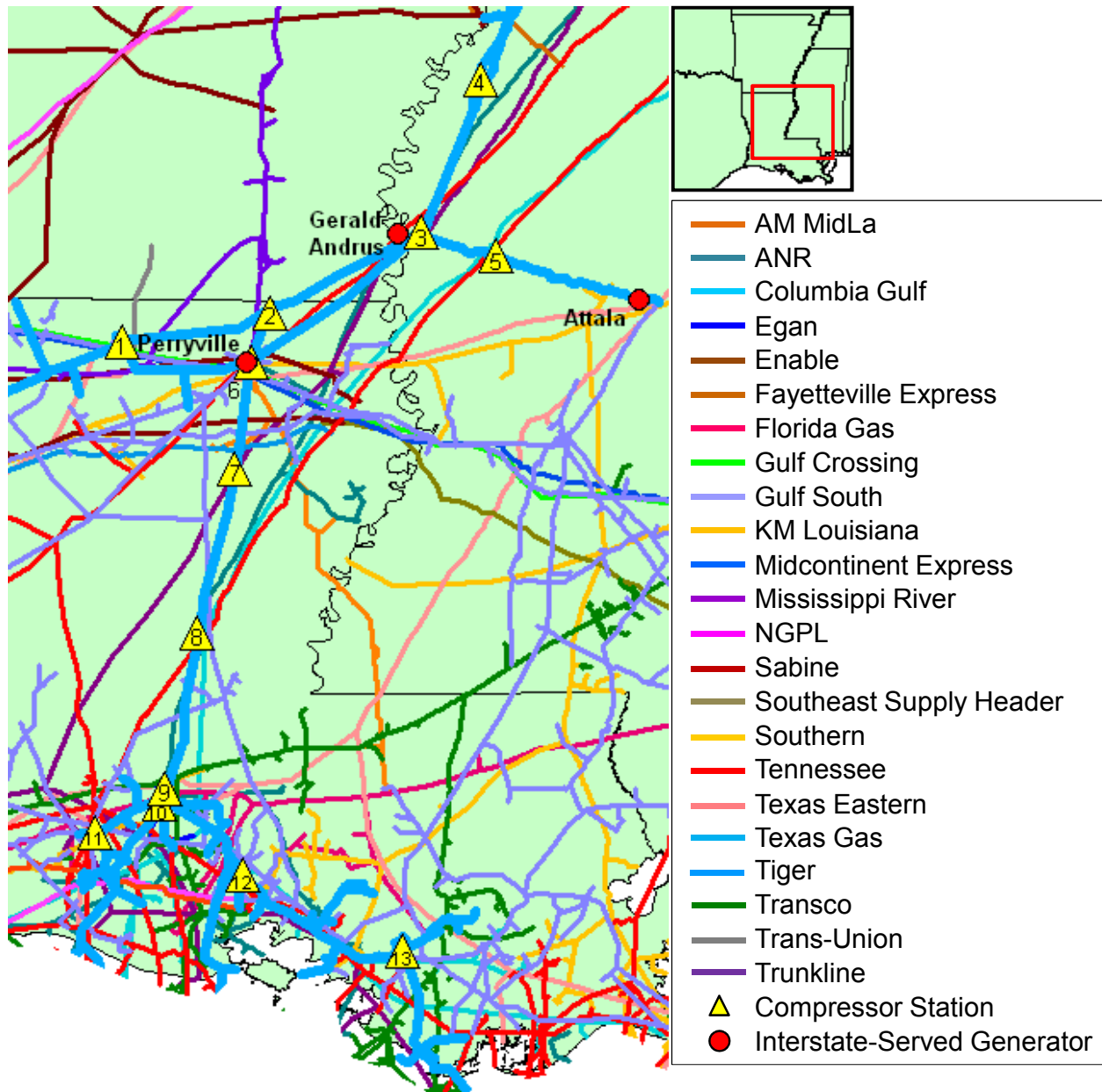


Table A2-57. MISO South Generators Directly Connected to Texas Gas

Generator	Capacity (MW)	Meter Name	Meter Number
Attala	455	Entergy-Attala	9110
Gerald Andrus	640	Entergy-Andrus Plant	9882
Perryville	691	Perryville Energy-CLECO	9587

[move Morgan City from Atmos – Morgan City Power Plant]**Table A2-58. Texas Gas Compressor Stations in MISO South**

ID	Name	Location
1	Sharon	Dubach, LA
2	Bastrop	Bastrop, LA
3	Greenville	Greenville, MS
4	Clarksdale	Clarksdale, MS
5	Isola	Isola, MS
6	Guthrie	Sterlington, LA
7	Columbia	Columbia, LA
8	Pineville	Pineville, LA
9	Mamou	Mamou, LA
10	Eunice	Eunice, LA
11	Woodlawn	Iowa, LA
12	Youngsville	Youngsville, LA
13	Morgan City	Amelia, LA

Tiger Pipeline (Energy Transfer Partners)

Capacity: 2,400 MDth/d

Figure A2-40. Tiger Facilities in MISO South

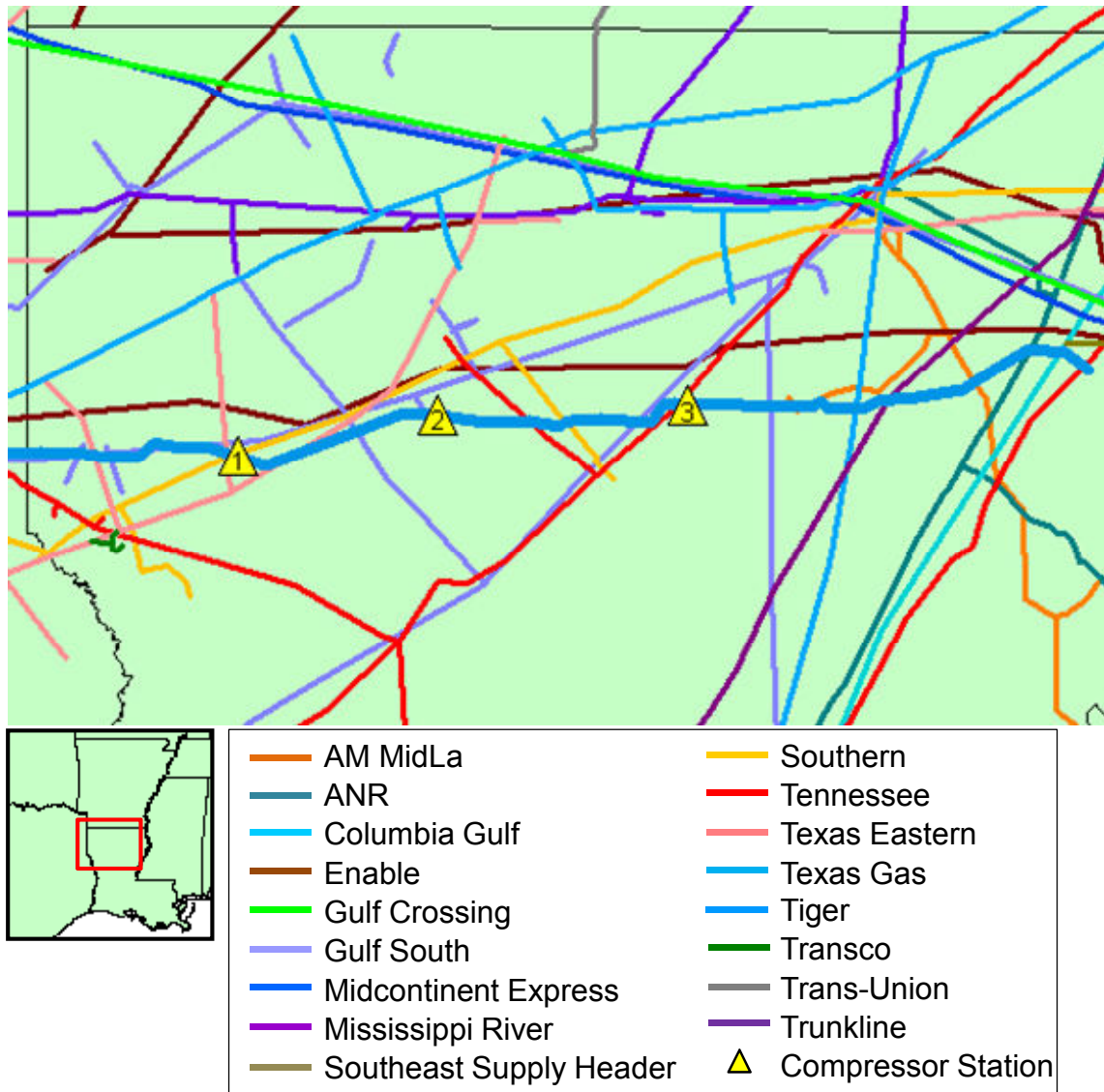


Table A2-59. Tiger Compressor Stations in MISO South

ID	Name	Location
1	Cannisnia	Soushatta, LA
2	Bienville	Lucky, LA
3	Chatham	Chatham, LA

Trans-Union (Entegra Power Group)

Capacity: 440 MDth/d¹⁰

Figure A2-41. Trans-Union Facilities in MISO South

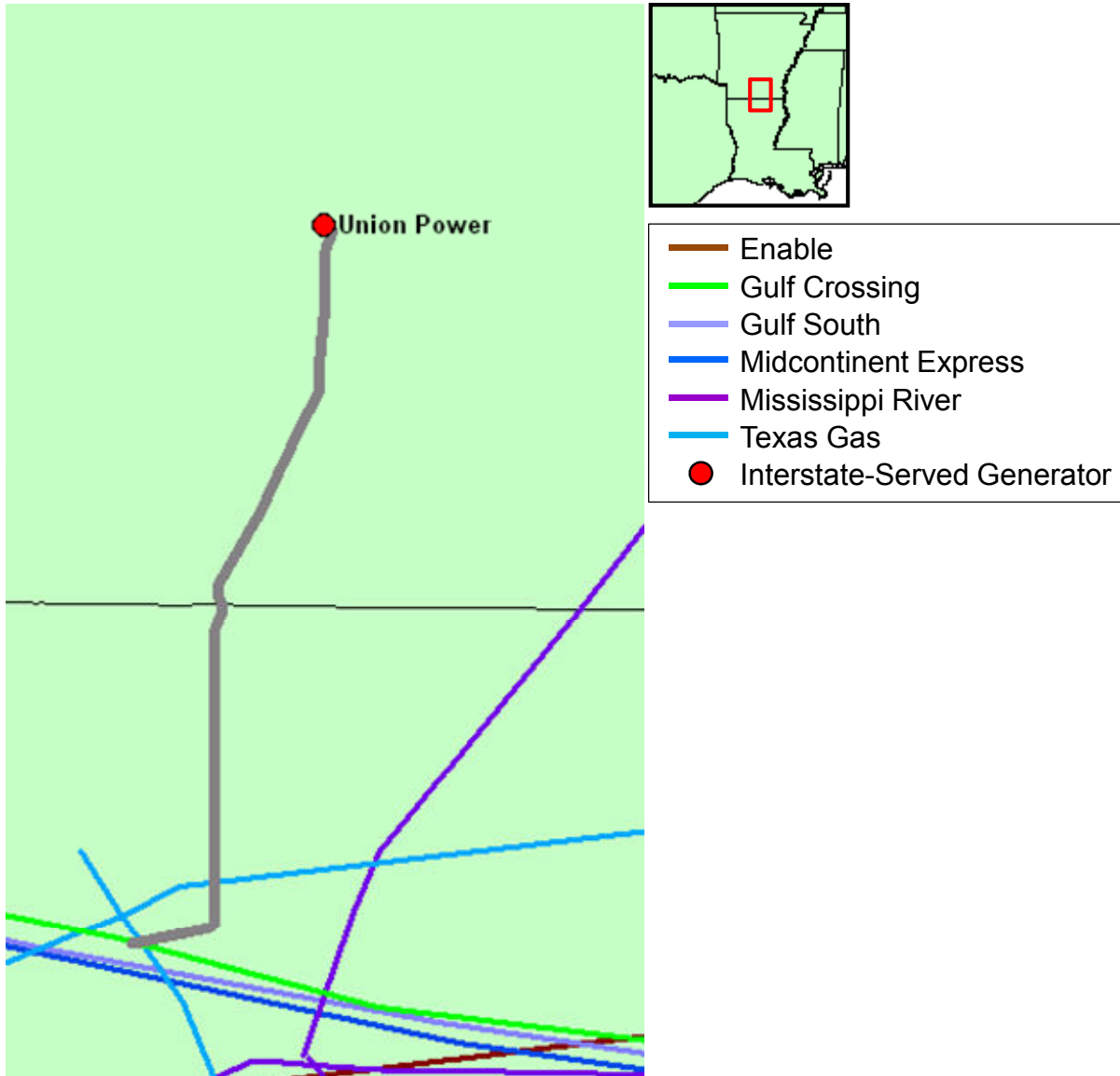


Table A2-60. MISO South Generators Directly Connected to Trans-Union

Generator	Capacity (MW)	Meter Name	Meter Number
Union Power Partners	1,365	Union Power	UnionPower

¹⁰ Source: <http://entegrapower.com/TRANSUNION.htm>

Transcontinental Pipeline (Williams)

Capacity: 750 MDth/d (Station 40), 2,505 MDth/d (Station 50)

Figure A2-42. Transco Facilities in MISO South

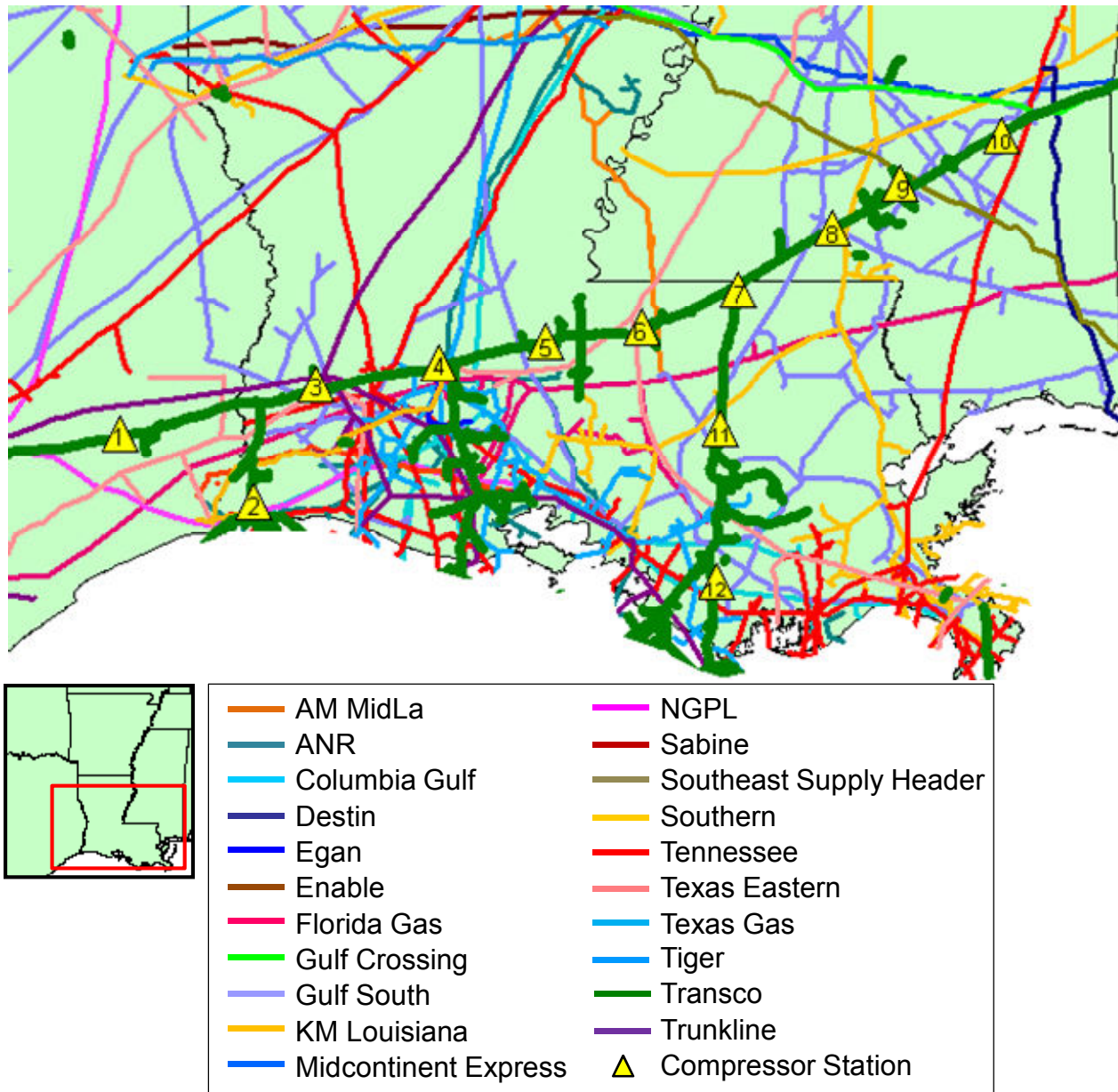


Table A2-61. Transco Compressor Stations in MISO South

ID	Name	Location
1	Station 40	Sour Lake, TX
2	Station 44	Johnsons Bayou, LA
3	Station 45	Ragley, LA
4	Station 50	Eunice, LA
5	Station 54	Washington, LA
6	Station 60	Jackson, LA
7	Station 65	Greensburg, LA
8	Station 70	Tylertown, MS
9	Station 77	Seminary, MS
10	Station 80	Heidelberg, MS
11	Station 63	Convent, LA
12	Station 62	Gibson, LA

Trunkline Gas (Energy Transfer Partners)

Capacity: 1,680 MDth/d

Figure A2-43. Trunkline Facilities in MISO North/Central

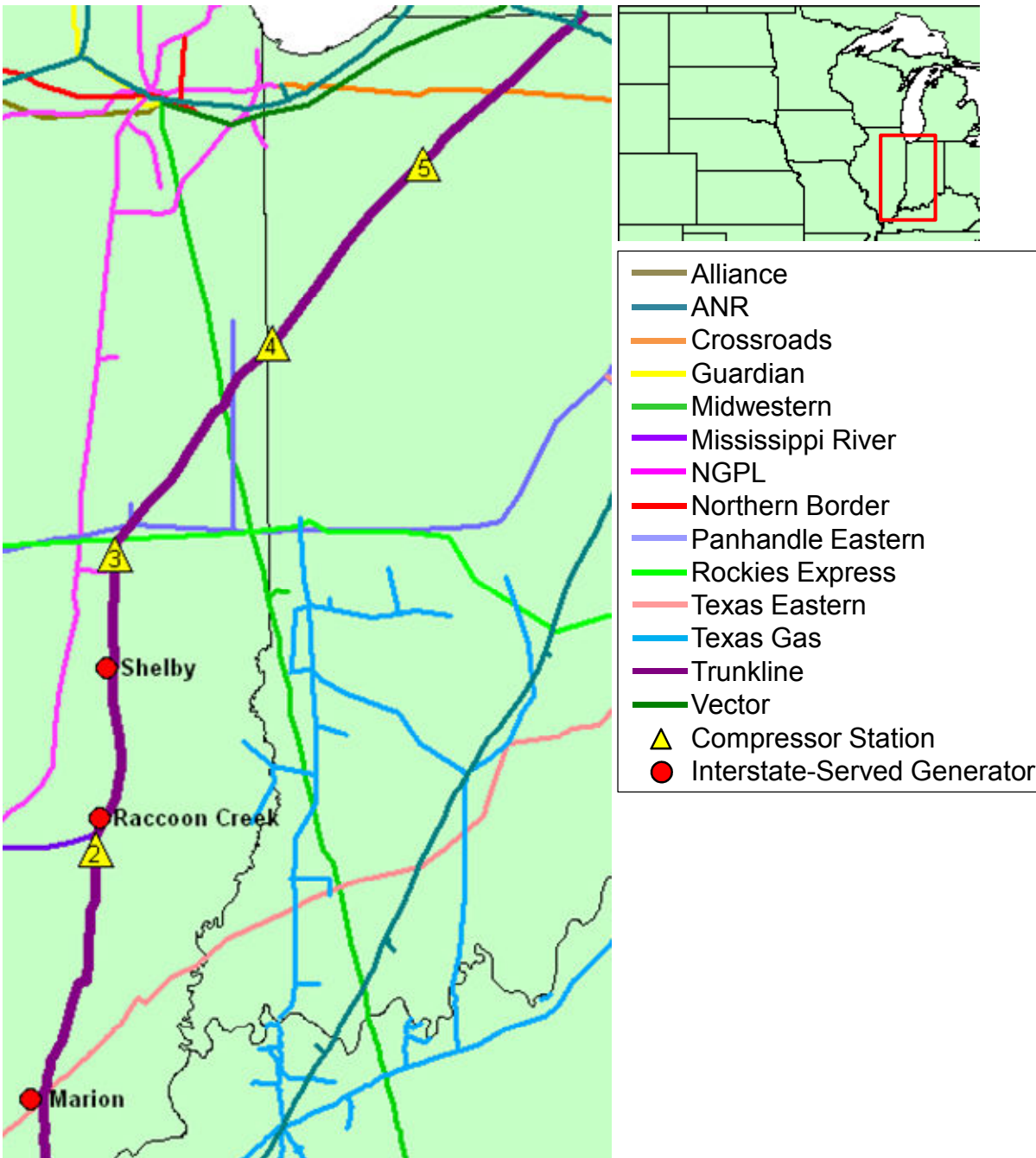


Table A2-62. MISO North/Central Generators Directly Connected to Trunkline

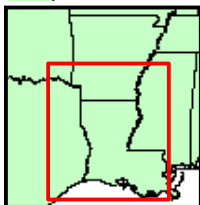
Generator	Capacity (MW)	Meter Name	Meter Number
Marion	176	Marion Generating Station - SIPC	82055
Raccoon Creek	368	Raccoon Creek - Union Electric Db a Ameren Missouri	82058

Reliant Shelby	360	Shelby - NRG Power Marketing	82050
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Table A2-63. Trunkline Compressor Stations in MISO North/Central

ID	Name	Location
1	Joppa	Joppa, IL
2	Johnsonville	Johnsonville, IL
3	Tuscola	Tuscola, IL
4	Ambia	Ambia, IN
5	North Judson	Knox, IN

Figure A2-44. Trunkline Facilities in MISO South



AM MidLa	Sabine
ANR	Southeast Supply Header
Columbia Gulf	Southern
Egan	Tennessee
Enable	Texas Eastern
Florida Gas	Texas Gas
Gulf Crossing	Tiger
Gulf South	Transco
KM Louisiana	Trans-Union
Midcontinent Express	Trunkline
Mississippi River	Compressor Station
NGPL	Interstate-Served Generator

Table A2-64. MISO South Generators Directly Connected to Trunkline

Generator	Capacity (MW)	Meter Name	Meter Number
Batesville	837	South Mississippi Electric Power Association	82049

Table A2-65. Trunkline Compressor Stations in MISO South

ID	Name	Location
1	Kountze	Kountze, TX
2	Longville	Longville, LA
3	Kaplan	Abbeville, LA
4	Centerville	Centerville, LA
5	Patterson	Patterson, LA
6	Pollock	Pollock, LA
7	Epps	Epps, LA
8	Shaw	Shaw, MS

Vector Pipeline (Enbridge / DTE Energy)

Capacity: 1,276 MDth/d

Figure A2-45. Vector Facilities in MISO North/Central

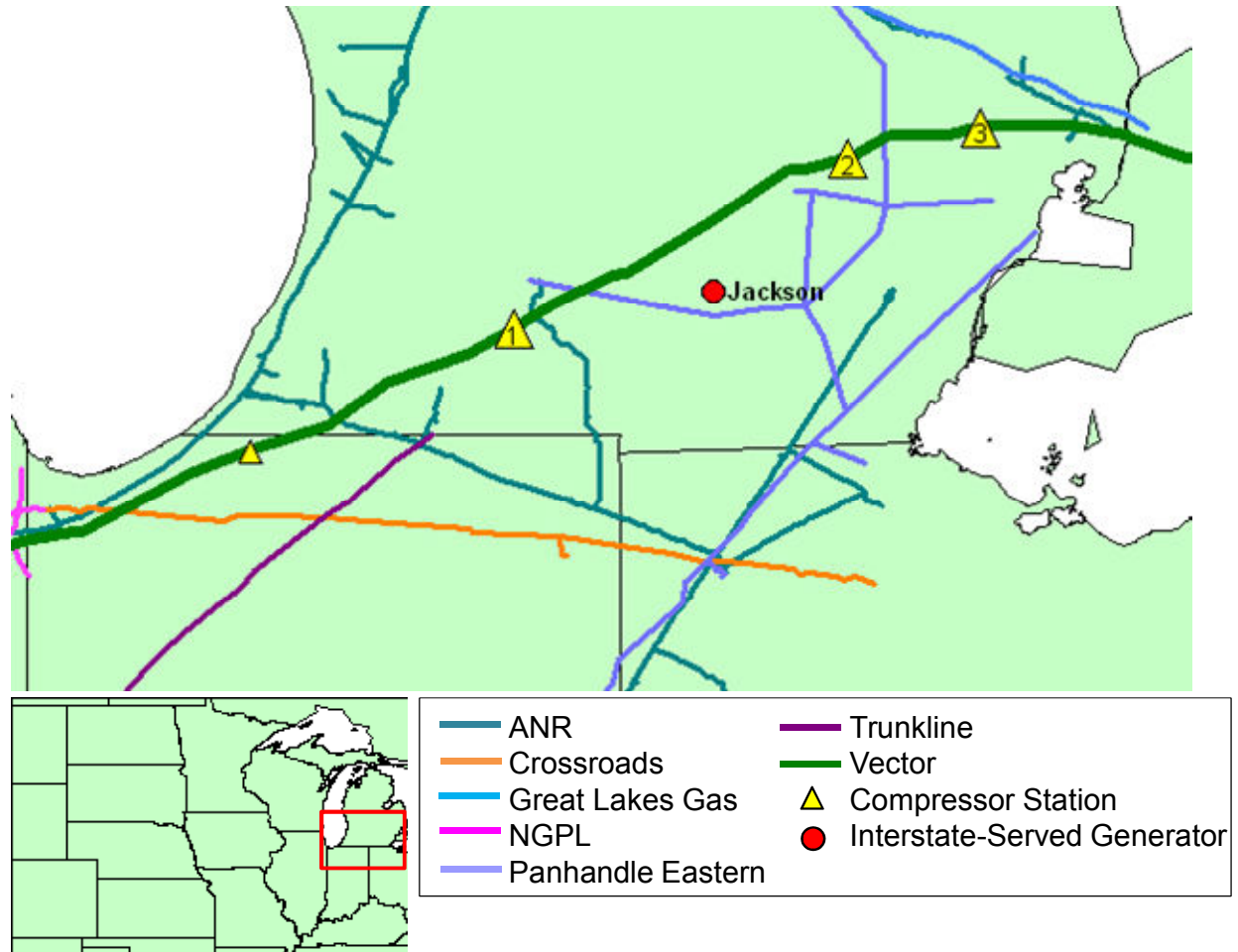


Table A2-66. MISO North/Central Generators Directly Connected to Vector

Generator	Capacity (MW)	Meter Name	Meter Number
Kinder Morgan Power Jackson	560	Jackson	316082

Table A2-67. Vector Compressor Stations in MISO North/Central

ID	Name	Location
1	Athens	Athens, MI
2	Highland	Highland, MI
3	Washington	Washington, MI

Viking Gas Transmission (ONEOK)

Capacity: 543 MMcf/d

Figure A2-46. Viking Facilities in MISO North/Central

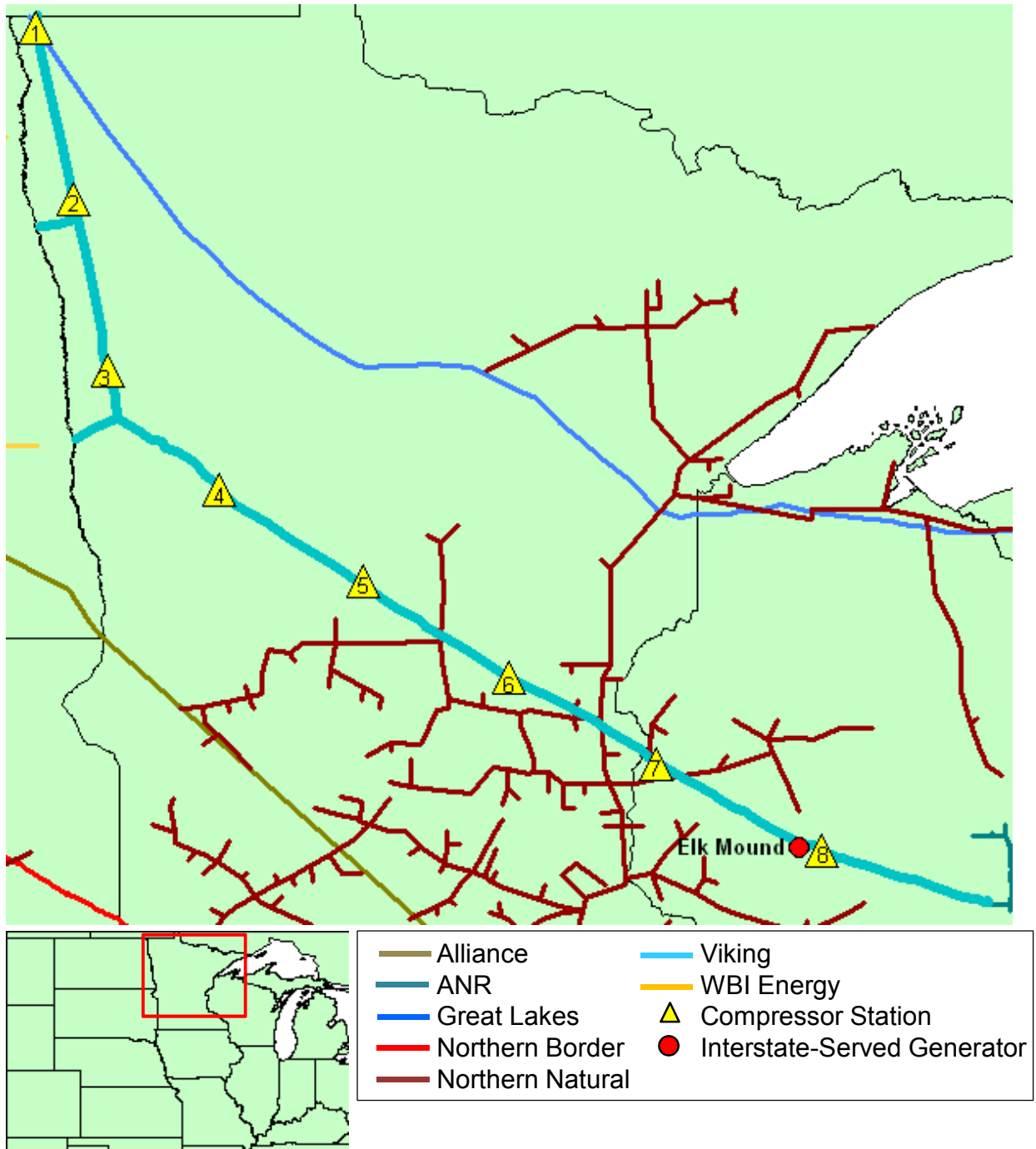


Table A2-68. MISO North/Central Generators Directly Connected to Viking

Generator	Capacity (MW)	Meter Name	Meter Number
Elk Mound	70	Dairyland	288046

Table A2-69. Viking Compressor Stations in MISO North/Central

ID	Name	Location
1	Humboldt	Humboldt, MN
2	Angus	Angus, MN
3	Ada	Ada, MN
4	Frazee	Frazee, MN
5	Cushing	Cushing, MN
6	Milaca	Milaca, MN
7	Osceola	Osceola, WI
8	Chippewa Falls	Chippewa Falls, WI

WBI Energy (MDU Resources Group)

Capacity: 728 MDth/d

Figure A2-47. WBI Energy Facilities in MISO North/Central

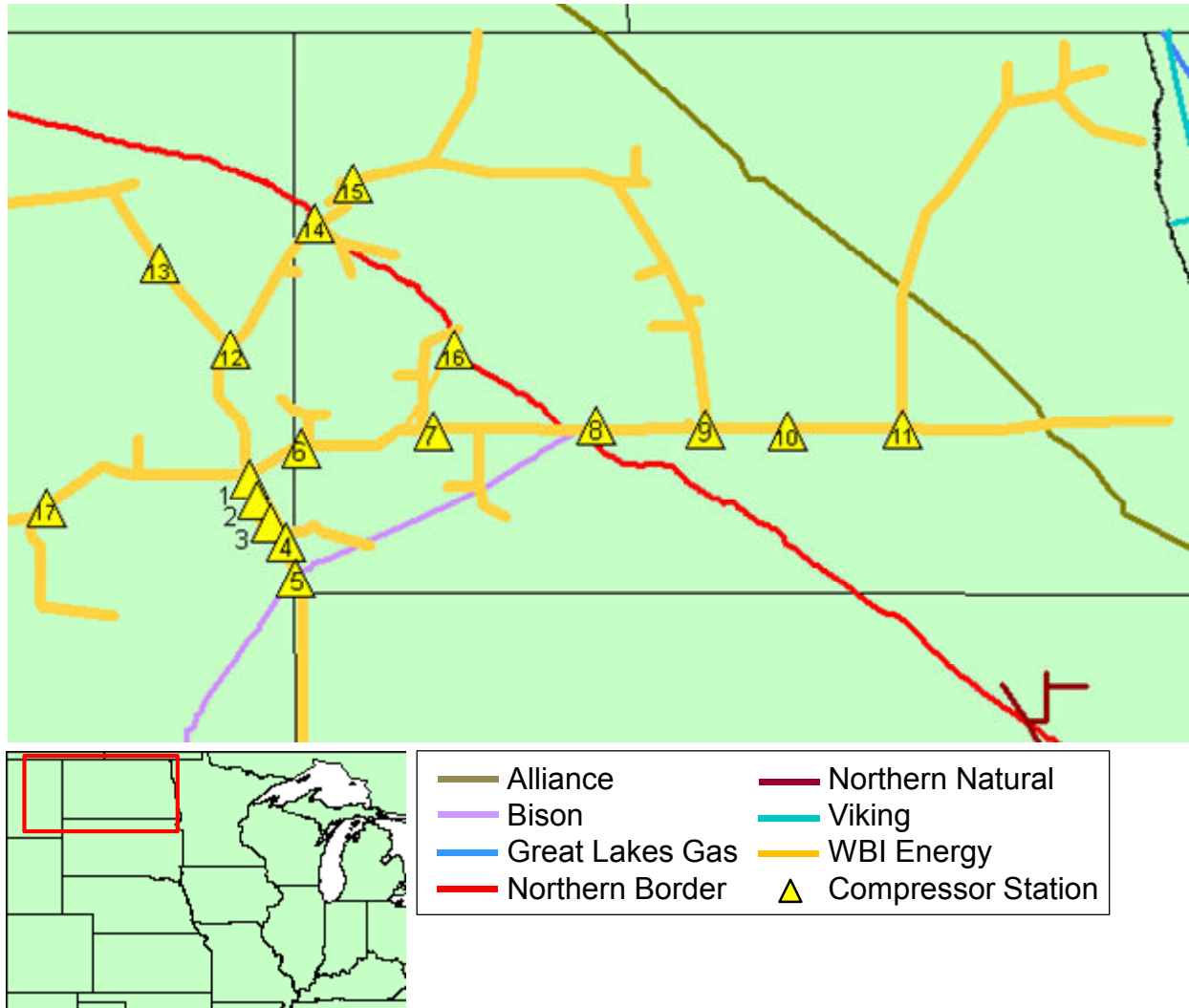
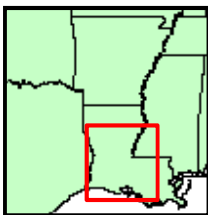
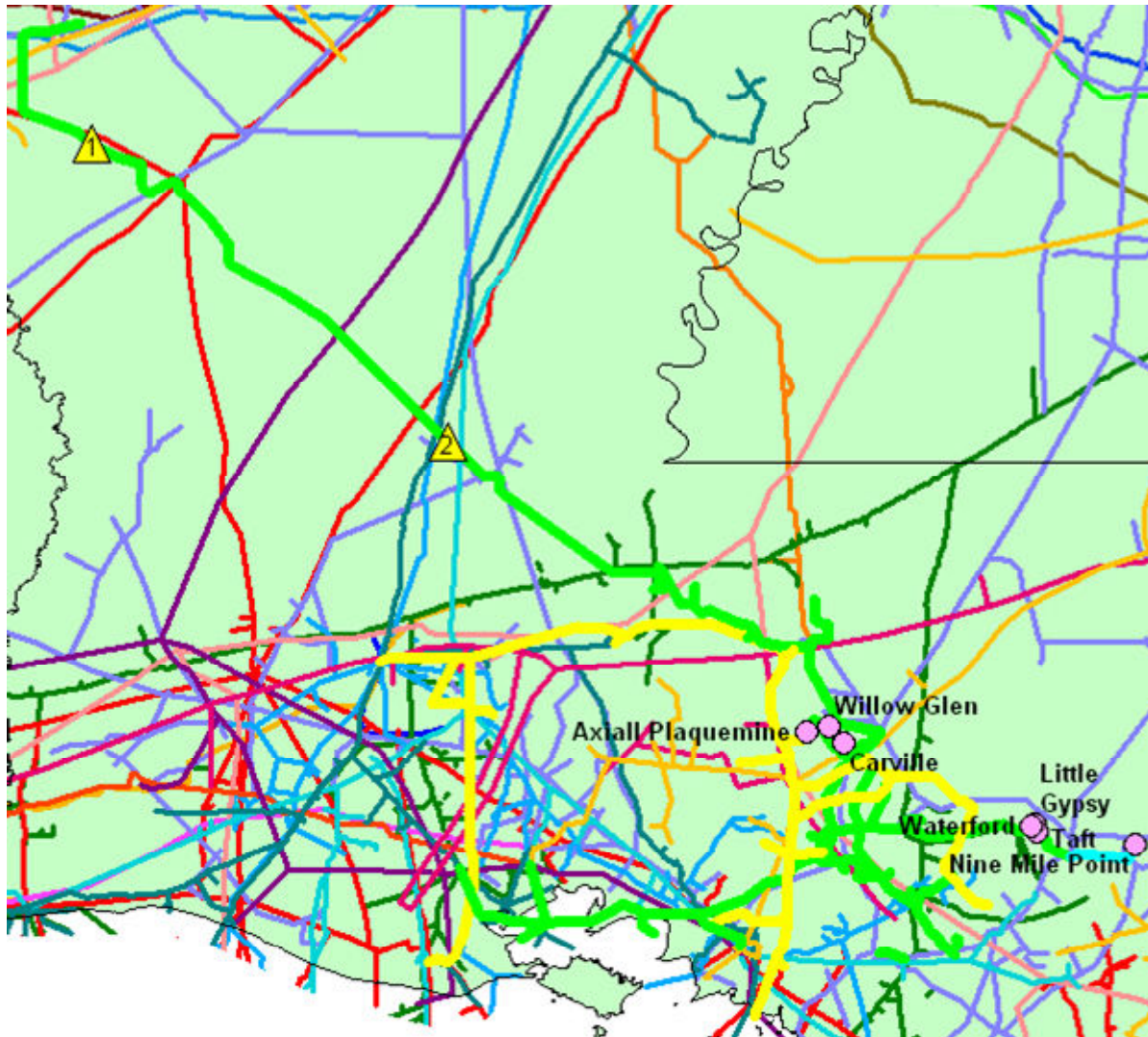


Table A2-70. WBI Energy Compressor Stations in MISO North/Central

ID	Name	Location
1	Cabin Creek	Baker, MT
2	Monarch	Baker, MT
3	Sandstone	Baker, MT
4	Baker	Baker, MT
5	Little Beaver	Baker, MT
6	Golva	Golva, ND
7	Dickinson	Dickinson, ND
8	Glen Ullin	Glen Ullin, ND
9	Bismarck	Bismarck, ND
10	Steele	Steele, ND
11	Cleveland	Cleveland, ND
12	Morgan Creek	Glendive, MT
13	Vida	Vida, MT
14	Charbonneau	Alexander, ND
15	Williston	Williston, ND
16	Manning	Manning, ND
17	Hathaway	Miles City, MT

Acadian Gas Pipeline System (Enterprise Products Partners)

Figure A2-48. Acadian Gas Pipelines



AM MidLa	Southern
ANR	Tennessee
Columbia Gulf	Texas Eastern
Egan	Texas Gas
Enable	Tiger
Florida Gas	Transco
Gulf Crossing	Trunkline
Gulf South	Acadian
KM Louisiana	Cypress
Midcontinent Express	Evangeline
NGPL	Compressor Station
Sabine	Intrastate-Served Generator
Southeast Supply Header	

Table A2-71. MISO South Generators Served by Acadian Gas Pipelines

System	Generator	Capacity (MW)	Meter	Meter Number
Acadian	Carville Energy	485	Carville Energy - Carville	A3211
Acadian	Taft Cogeneration	866	Occidental Chemical - Taft	A3215
Acadian	Willow Glen	650	Entergy - Willowglen	A3044
Cypress	Axiall Plaquemine	360	Georgia Gulf - Plaquemine	C167
Evangeline	Little Gypsy	1168	Entergy - Little Gypsy	A3209
Evangeline	Nine Mile Point	1564	Entergy - Ninemile	A3210
Evangeline	Waterford 1 & 2	822	Entergy - Waterford	A3208

Table A2-72. Acadian Gas Pipeline Compressor Stations

ID	Name	Location
1	Mansfield	Pleasant Hill, LA
2	Cheneyville	Cheneyville, LA

Energy Transfer Vantex System

Figure A2-49. Energy Transfer Vantex Facilities

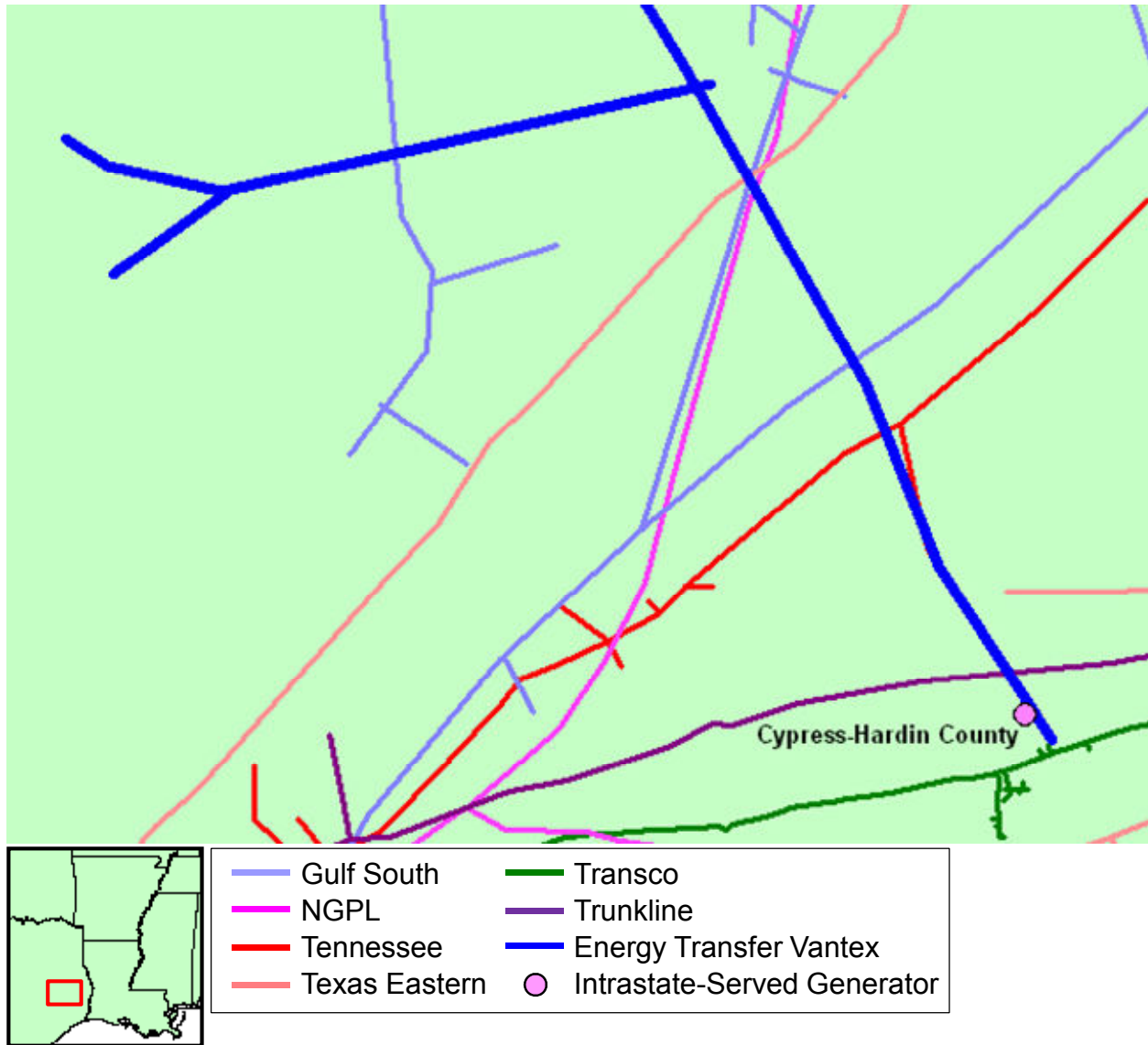


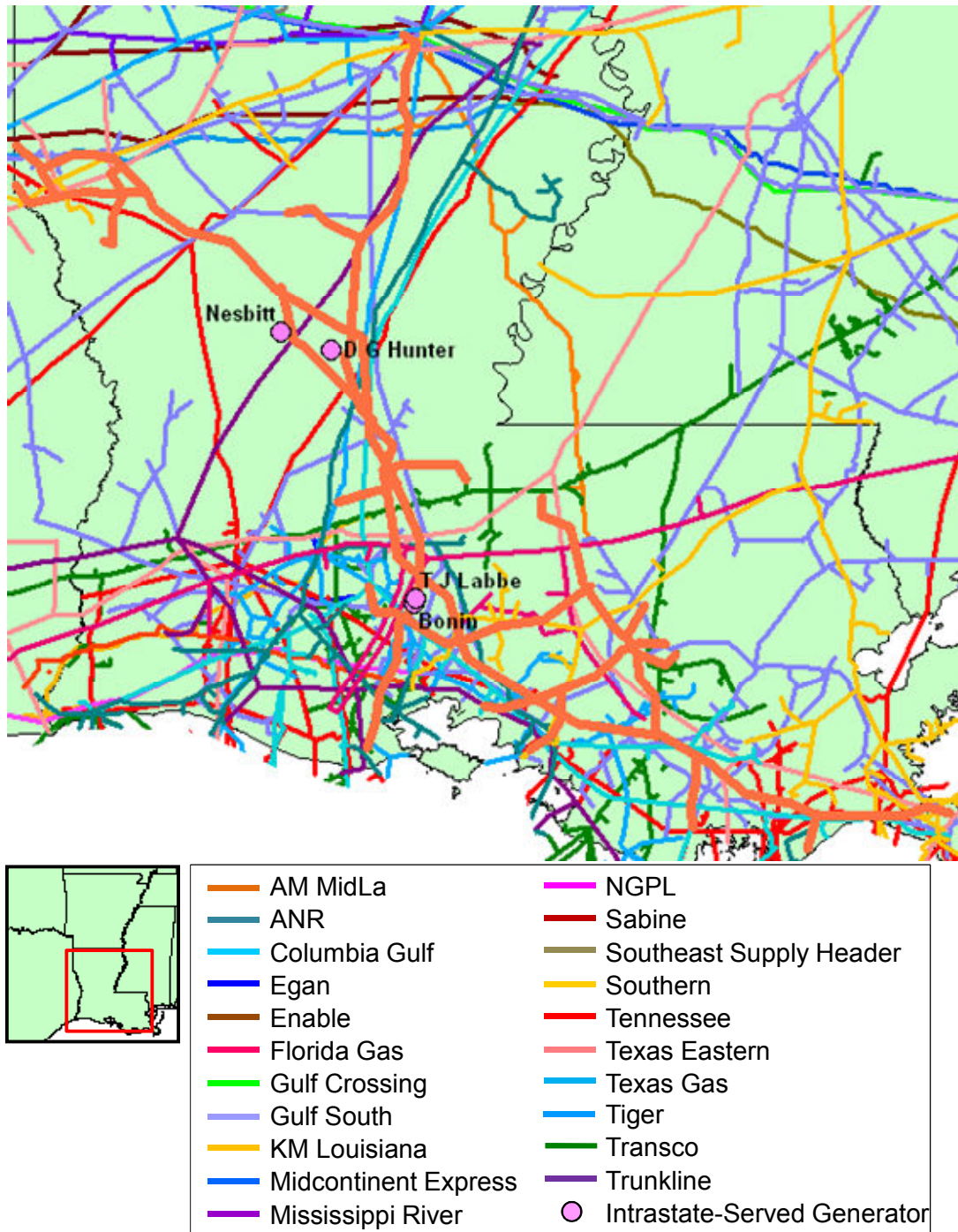
Table A2-73. MISO South Generators Served by Energy Transfer Vantex Facilities

Generator	Capacity (MW)
Cypress-Hardin County Peaking	150

Enlink LIG System (Enline Midstream)¹¹

Capacity: 2,000 MMcf/d¹²

Figure A2-50. Enlink LIG Facilities



¹¹ Enline Midstream was formed by the merger of Crosstex Energy and Devon Energy in March 2014.

¹² Source: http://www.sec.gov/Archives/edgar/data/1179060/000110465914017996/a14-7653_1ex99d1.htm

Table A2-74. MISO South Generators Served by Enlink LIG System

Generator	Capacity (MW)
Bonin	171
D G Hunter	130
Nesbitt	422
T J Labbe	96

Kinder Morgan Tejas

Figure A2-51. Kinder Morgan Tejas

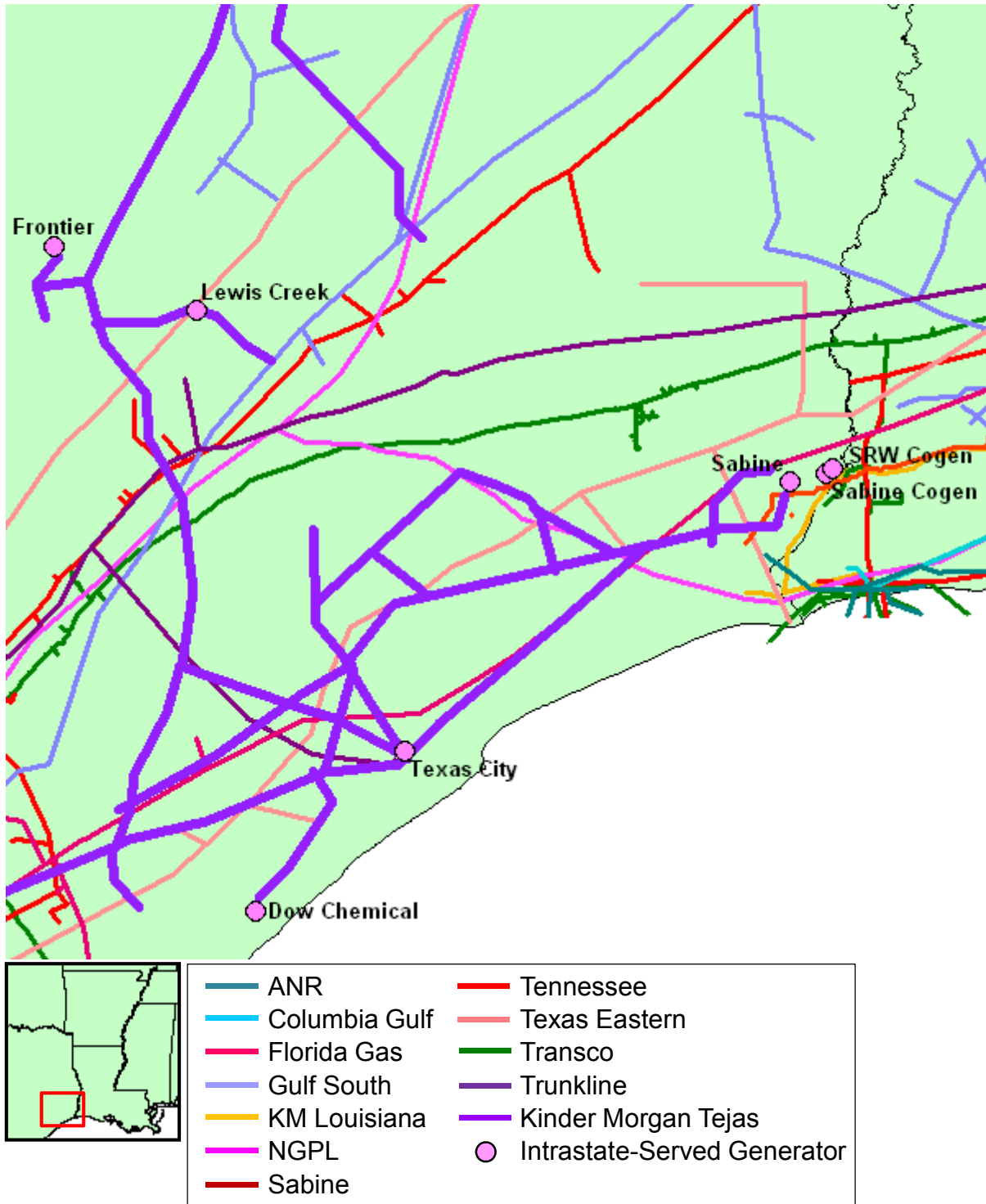


Table A2-75. MISO South Generators Served by KM Tejas

Generator	Capacity (MW)
Dow Chemical Texas	900
Lewis Creek	460
Sabine	1,809
Sabine Cogen	56
San Jacinto County	150
SRW Cogeneration	490
Tenaska Frontier Generation	830
Union Carbide Texas City	75

Kinder Morgan Texas

Figure A2-52. Kinder Morgan Texas

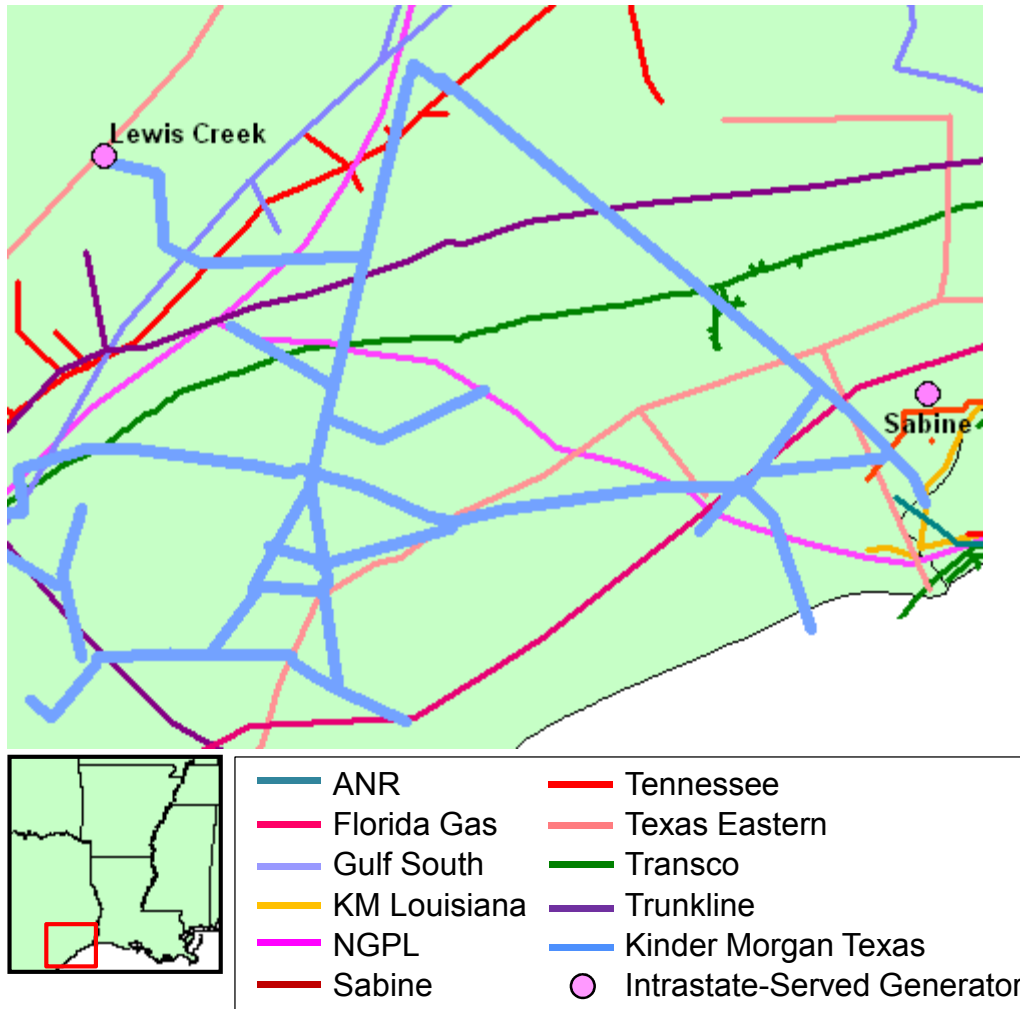


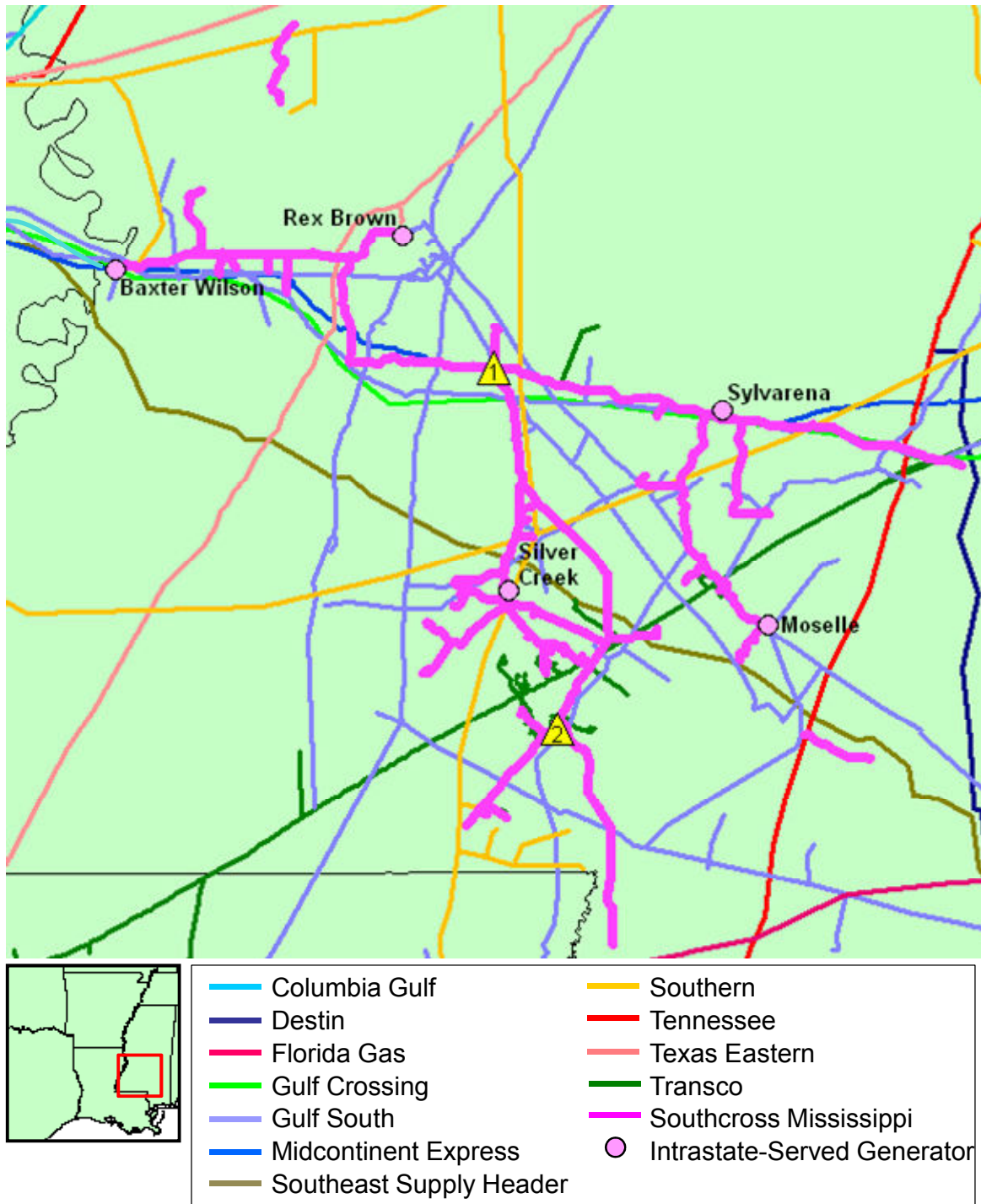
Table A2-76. MISO South Generators Served by KM Texas

Generator	Capacity (MW)
Lewis Creek	460
Sabine	1,809

Southcross Mississippi

Capacity: 354 MMcf/d¹³

Figure A2-53. Southcross Mississippi Facilities



¹³ Source: <http://www.southcrossenergy.com/operations/mississippi/>

Table A2-77. MISO South Generators Served by Southcross Mississippi

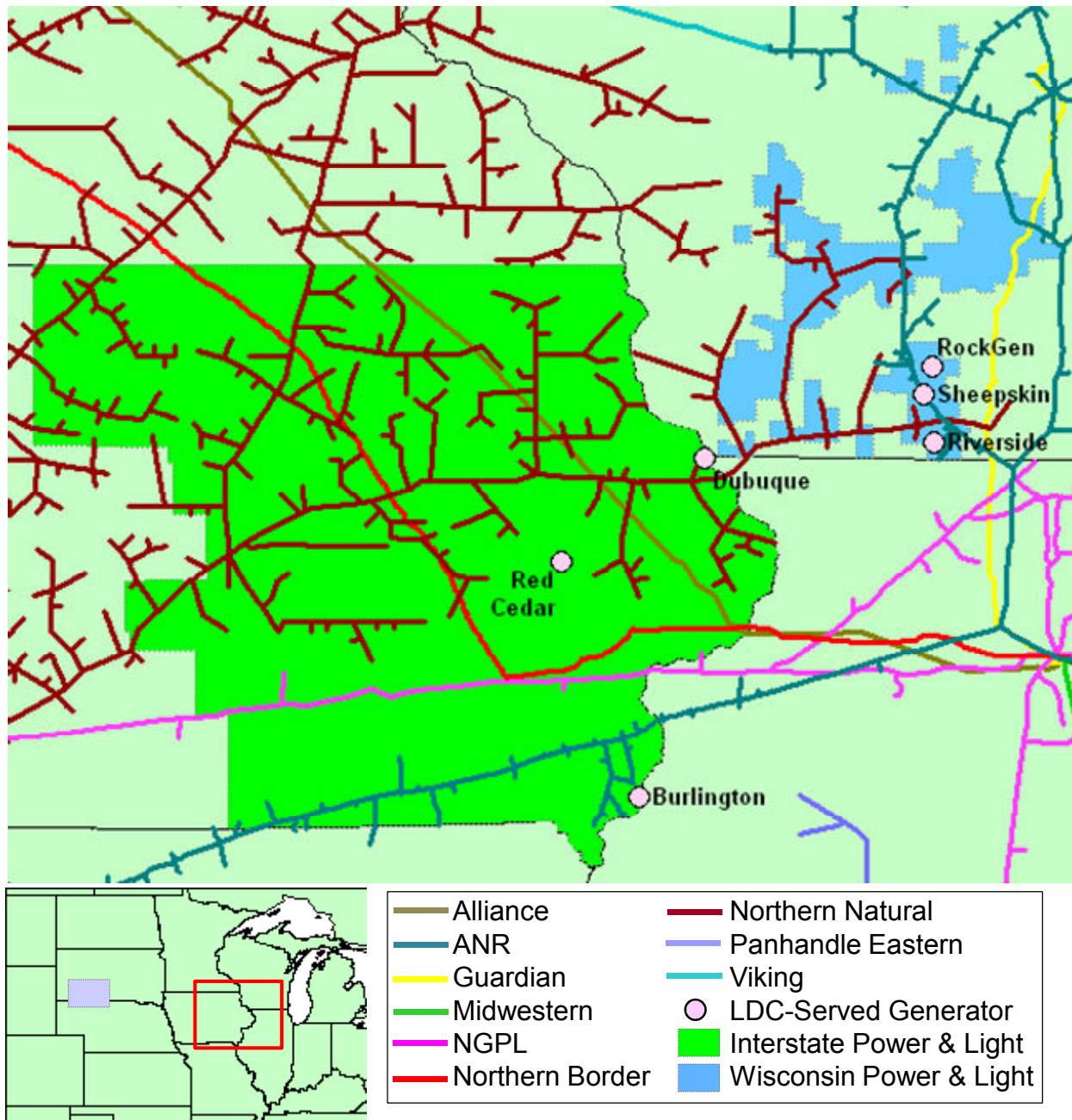
Generator	Capacity (MW)
Baxter Wilson	1,167
Moselle	509
Rex Brown	233
Silver Creek	249
Sylvarena	135

Table A2-78. Southcross Mississippi Compressor Stations

ID	Name	Location
1	Piney Woods	Florence, MS
2	Baxterville	Columbia, MS

Alliant Energy

Figure A2-54. Alliant Energy Service Territory¹⁴



¹⁴ Interstate Power & Light also operates in southern Minnesota.

Table A2-79. MISO North/Central Generators Served by Alliant Energy

System	Generator	Capacity (MW)
Interstate P&L	Burlington	62
Interstate P&L	Dubuque	65
Interstate P&L	Emery Station	382
Interstate P&L	Red Cedar	27
Wisconsin P&L	Riverside Energy Center	542
Wisconsin P&L	Rock River	160
Wisconsin P&L	RockGen Energy Center	534
Wisconsin P&L	Sheepskin	40

Table A2-80. Interstate Power & Light Citygate Meters

System	Pipeline	Meter Name	Meter Number
Interstate P&L	ANR	IES Utilities-Grp 1	139241
Interstate P&L	NGPL	Int Pwer / NGPL Clinton Henry	11054
Interstate P&L	NGPL	IPLC / NGPL Washington Washington	68
Interstate P&L	NGPL	IPLC / NGPL CDP	25250
Interstate P&L	NGPL	IPLC / NGPL Muscatine#3 Muscatine	900057
Interstate P&L	NGPL	IPLC / NGPL Muscatine#1 Muscatine	900060
Interstate P&L	NGPL	IPLC / NGPL Muscatine#2 Muscatine	900061
Interstate P&L	NGPL	IPLC / NGPL Letts Muscatine	900062
Interstate P&L	NGPL	IPLC / NGPL Conesville Muscatine	900063
Interstate P&L	NGPL	IPLC / NGPL Colmbus Jct Muscatine	900064
Interstate P&L	NGPL	IPLC / NGPL Ainsworth Washington	900065
Interstate P&L	NGPL	IPLC / NGPL Kalona Washington	900069
Interstate P&L	NGPL	IPLC / NGPL W Chester Washington	900070
Interstate P&L	NGPL	IPLC / NGPL Keota Keokuk	900073
Interstate P&L	NGPL	IPLC / NGPL English Keokuk	900074
Interstate P&L	NGPL	IPLC / NGPL Sigourney Keokuk	900076
Interstate P&L	NGPL	IPLC / NGPL What Cheer Keokuk	900077
Interstate P&L	NGPL	IPLC / NGPL Pella Mahaska	900084
Interstate P&L	NGPL	IPLC / NGPL Knoxville Marion	900088
Interstate P&L	NGPL	IPLC / NGPL Chariton Warren	900091
Interstate P&L	NGPL	IPLC / NGPL Osceola Warren	900095
Interstate P&L	NGPL	IPLC / NGPL Truro Madison	900097
Interstate P&L	NGPL	IPLC / NGPL Creston Union	900102
Interstate P&L	NGPL	IPLC / NGPL Greenfield Adair	900104
Interstate P&L	NGPL	IPLC / NGPL Clarinda Montgomery	900109
Interstate P&L	NGPL	IPLC / NGPL CDP Clinton	901028
Interstate P&L	Northern Border	Yale	378215
Interstate P&L	Northern Border	Prophetstown	227979
Interstate P&L	Northern Natural	Zone ABC- Interstate Power And Lig	#N/A
Interstate P&L	Northern Natural	IA Zone D-Interstate Power And Ligh	#N/A

System	Pipeline	Meter Name	Meter Number
Interstate P&L	Northern Natural	Albert City IA #1	3652
Interstate P&L	Northern Natural	Albion IA #1	55732
Interstate P&L	Northern Natural	Alden IA #1	3620
Interstate P&L	Northern Natural	Alexander IA #1	3621
Interstate P&L	Northern Natural	Alta IA #1	3574
Interstate P&L	Northern Natural	Ames IA NADC Lab	78639
Interstate P&L	Northern Natural	Ames IA #1	2884
Interstate P&L	Northern Natural	Ames IA #1A	3575
Interstate P&L	Northern Natural	Ames IA #1B	52882
Interstate P&L	Northern Natural	Ashton IA #1	3583
Interstate P&L	Northern Natural	Atlantic IA #1	2885
Interstate P&L	Northern Natural	Atlantic IA #2	3577
Interstate P&L	Northern Natural	Atlantic IA #3	78013
Interstate P&L	Northern Natural	Barilla Pasta TBS	71445
Interstate P&L	Northern Natural	Belle Plaine IA #1	3622
Interstate P&L	Northern Natural	Belmond IA #1	3578
Interstate P&L	Northern Natural	Boone IA #1	2871
Interstate P&L	Northern Natural	Brandon Iowa IA #1	57831
Interstate P&L	Northern Natural	Britt IA #1	2877
Interstate P&L	Northern Natural	Cambridge IA #1	3624
Interstate P&L	Northern Natural	Carroll IA #1	2872
Interstate P&L	Northern Natural	Casey IA #1	56180
Interstate P&L	Northern Natural	Central City IA #1	3625
Interstate P&L	Northern Natural	Chelsea IA #1	3627
Interstate P&L	Northern Natural	Cherokee IA #1	2870
Interstate P&L	Northern Natural	Cherokee IA #2	3579
Interstate P&L	Northern Natural	Cherokee IA #3	3580
Interstate P&L	Northern Natural	Clarence IA #1	3623
Interstate P&L	Northern Natural	Coggon IA #1	3630
Interstate P&L	Northern Natural	Collins/Maxwell IA #1	57836
Interstate P&L	Northern Natural	Colo IA #1	3582
Interstate P&L	Northern Natural	Conrad IA #1	3595
Interstate P&L	Northern Natural	Corwith IA #1	3626
Interstate P&L	Northern Natural	Coulter IA #1	3617
Interstate P&L	Northern Natural	De Witt IA #1	3628
Interstate P&L	Northern Natural	Dekalb IA	78297
Interstate P&L	Northern Natural	Delmar IA #1	3632
Interstate P&L	Northern Natural	Dysart IA #1	3584
Interstate P&L	Northern Natural	Dysart IA #2	3585
Interstate P&L	Northern Natural	Eldora IA #1	2878
Interstate P&L	Northern Natural	Ellsworth IA #1	3629
Interstate P&L	Northern Natural	Garner IA #1	2886
Interstate P&L	Northern Natural	Garrison IA #1	3590

System	Pipeline	Meter Name	Meter Number
Interstate P&L	Northern Natural	Garwin IA #1	3591
Interstate P&L	Northern Natural	George IA #1	3592
Interstate P&L	Northern Natural	Gilbert IA #1	3593
Interstate P&L	Northern Natural	Gladbrook IA #1	3594
Interstate P&L	Northern Natural	Goodell IA #1	3631
Interstate P&L	Northern Natural	Grand Mound IA #1	60232
Interstate P&L	Northern Natural	Grinnell IA #1	2867
Interstate P&L	Northern Natural	Hazelton IA #1	3596
Interstate P&L	Northern Natural	Holland IA #1	3597
Interstate P&L	Northern Natural	Hubbard IA #1	3598
Interstate P&L	Northern Natural	Huxley IA #1	3633
Interstate P&L	Northern Natural	Iowa Falls Ethanol	78445
Interstate P&L	Northern Natural	Iowa Falls IA #1	2876
Interstate P&L	Northern Natural	Jefferson IA #1	2873
Interstate P&L	Northern Natural	Jewell IA #1	3635
Interstate P&L	Northern Natural	Kanawha IA #1	3636
Interstate P&L	Northern Natural	Kensett IA #1	3210
Interstate P&L	Northern Natural	Laurens IA #1	3653
Interstate P&L	Northern Natural	Le Grand IA #1	3710
Interstate P&L	Northern Natural	Ledyard/Swea City IA	57580
Interstate P&L	Northern Natural	Linn Grove IA #1	3654
Interstate P&L	Northern Natural	Little Rock IA #1	59979
Interstate P&L	Northern Natural	Manly IA #1	3209
Interstate P&L	Northern Natural	Marathon IA #1	3655
Interstate P&L	Northern Natural	Marshalltown IA #1	2875
Interstate P&L	Northern Natural	Marshalltown IA #1A	3601
Interstate P&L	Northern Natural	Marshalltown IA #2	3602
Interstate P&L	Northern Natural	Mason City IA #1	3203
Interstate P&L	Northern Natural	Mason City IA #1A	3204
Interstate P&L	Northern Natural	Mason City IA #2	3205
Interstate P&L	Northern Natural	Maynard IA #1	3637
Interstate P&L	Northern Natural	Mechanicsville IA #1	3638
Interstate P&L	Northern Natural	Melbourne IA	55737
Interstate P&L	Northern Natural	Meservey IA #1	3639
Interstate P&L	Northern Natural	Mesquakie Casino TBS #1	62498
Interstate P&L	Northern Natural	Morley IA #1	3640
Interstate P&L	Northern Natural	Mount Vernon IA #1	2880
Interstate P&L	Northern Natural	Mt. Auburn IA	55738
Interstate P&L	Northern Natural	Nevada IA #1	2874
Interstate P&L	Northern Natural	New Providence IA #1	3618
Interstate P&L	Northern Natural	Newhall IA	55742
Interstate P&L	Northern Natural	Nora Springs IA #1	3206
Interstate P&L	Northern Natural	Northwood IA #1	3211

System	Pipeline	Meter Name	Meter Number
Interstate P&L	Northern Natural	Oelwein IA #1	2882
Interstate P&L	Northern Natural	Olin IA #1	3711
Interstate P&L	Northern Natural	Ottlie Seed TBS #1	57832
Interstate P&L	Northern Natural	Owasa IA #1	3605
Interstate P&L	Northern Natural	Peterson IA #1	3713
Interstate P&L	Northern Natural	Quasqueton IA #1	3712
Interstate P&L	Northern Natural	Radcliffe IA #1	3641
Interstate P&L	Northern Natural	Randall IA #1	3642
Interstate P&L	Northern Natural	Reinbeck IA #1	3604
Interstate P&L	Northern Natural	Rembrandt IA #1	3714
Interstate P&L	Northern Natural	Rock Creek/Sully/Lynnville IA #1	56335
Interstate P&L	Northern Natural	Roland IA #1	3643
Interstate P&L	Northern Natural	Rowley IA #1	55744
Interstate P&L	Northern Natural	Rudd IA #1	3207
Interstate P&L	Northern Natural	Ryan IA #1	3644
Interstate P&L	Northern Natural	Sheldahl IA #1	3645
Interstate P&L	Northern Natural	Sibley IA #1	3606
Interstate P&L	Northern Natural	Sioux City IA #1A	518
Interstate P&L	Northern Natural	Sioux Rapids IA #1	3634
Interstate P&L	Northern Natural	Springbrook IA	55746
Interstate P&L	Northern Natural	St. Anthony/Clemens IA #1	60233
Interstate P&L	Northern Natural	Stacyville IA	57395
Interstate P&L	Northern Natural	Stanley IA #1	3647
Interstate P&L	Northern Natural	Stanwood IA #1	3646
Interstate P&L	Northern Natural	State Center IA #1	3607
Interstate P&L	Northern Natural	Steamboat Rock IA #1	57830
Interstate P&L	Northern Natural	Storm Lake IA #1	2869
Interstate P&L	Northern Natural	Stratford IA #1	3648
Interstate P&L	Northern Natural	Tama IA #1	2887
Interstate P&L	Northern Natural	Tama IA #2	3608
Interstate P&L	Northern Natural	Thornton IA #1	3619
Interstate P&L	Northern Natural	Toledo IA #1	2879
Interstate P&L	Northern Natural	Traer IA #1	3609
Interstate P&L	Northern Natural	Union Grove Lake IA	55747
Interstate P&L	Northern Natural	Union IA #1	3649
Interstate P&L	Northern Natural	Ventura IA #1	3208
Interstate P&L	Northern Natural	Vinton IA #1	2881
Interstate P&L	Northern Natural	Wellsburg IA #1	3615
Interstate P&L	Northern Natural	Welton IA #1	3715
Interstate P&L	Northern Natural	Whitten IA #1	3650
Interstate P&L	Northern Natural	Winthrop IA #1	3651
Interstate P&L	Northern Natural	Zearing IA #1	56181
Wisconsin P&L	ANR	Wisc Power-Grp 1	139257

System	Pipeline	Meter Name	Meter Number
Wisconsin P&L	ANR	Wisc Power Grp 2	854822
Wisconsin P&L	Northern Natural	Zone D-Wisconsin P&L	#N/A
Wisconsin P&L	Northern Natural	Argyle WI #1	4026
Wisconsin P&L	Northern Natural	Arlington WI #1	4028
Wisconsin P&L	Northern Natural	Baraboo WI #1	2921
Wisconsin P&L	Northern Natural	Baraboo WI #2	4029
Wisconsin P&L	Northern Natural	Benton WI #1	4023
Wisconsin P&L	Northern Natural	Blanchardville WI #1	4030
Wisconsin P&L	Northern Natural	Darlington WI #1	4031
Wisconsin P&L	Northern Natural	Dodgeville WI #1	4033
Wisconsin P&L	Northern Natural	Dodgeville WI #1A	59924
Wisconsin P&L	Northern Natural	Footville WI #1	4034
Wisconsin P&L	Northern Natural	Hazel Green WI #1	4025
Wisconsin P&L	Northern Natural	Hillsboro WI #1	4036
Wisconsin P&L	Northern Natural	Janesville Wis Power & Light(Beloit	#N/A
Wisconsin P&L	Northern Natural	Jordon Township WI #1	62384
Wisconsin P&L	Northern Natural	Juda WP&L	18269
Wisconsin P&L	Northern Natural	La Valle WI #1	4037
Wisconsin P&L	Northern Natural	Lake Delton WI #1	2927
Wisconsin P&L	Northern Natural	Lake Delton WI #2	78998
Wisconsin P&L	Northern Natural	Marquis Energy	78552
Wisconsin P&L	Northern Natural	Mauston WI #1	4038
Wisconsin P&L	Northern Natural	Mineral Point WI #1	4039
Wisconsin P&L	Northern Natural	New Lisbon WI #1	4041
Wisconsin P&L	Northern Natural	North Freedom WI #1	4042
Wisconsin P&L	Northern Natural	Orfordville WI #1	4043
Wisconsin P&L	Northern Natural	Pardeeville WI #1	4044
Wisconsin P&L	Northern Natural	Plains #1	25067
Wisconsin P&L	Northern Natural	Platteville #2 WPL	18268
Wisconsin P&L	Northern Natural	Platteville WI #1	2926
Wisconsin P&L	Northern Natural	Portage WI #1	2922
Wisconsin P&L	Northern Natural	Portage WI #1A	25098
Wisconsin P&L	Northern Natural	Portage WI #1B	62857
Wisconsin P&L	Northern Natural	Poynette WI #1	4045
Wisconsin P&L	Northern Natural	Reedsburg WI #1	2923
Wisconsin P&L	Northern Natural	Rio WI #1	4046
Wisconsin P&L	Northern Natural	Rock Springs WI #1	4047
Wisconsin P&L	Northern Natural	Sauk City WI #1	2924
Wisconsin P&L	Northern Natural	Spring Green WI #1	4048
Wisconsin P&L	Northern Natural	Union Center WI #1	2925
Wisconsin P&L	Northern Natural	Wiota WI #1	60588
Wisconsin P&L	Northern Natural	Wisconsin Dells WI #1	4049
Wisconsin P&L	Northern Natural	Wonewoc WI #1	4050

System	Pipeline	Meter Name	Meter Number
Wisconsin P&L	Northern Natural	Wyocena WI #1	4051

Ameren

Figure A2-55. Ameren Service Territory

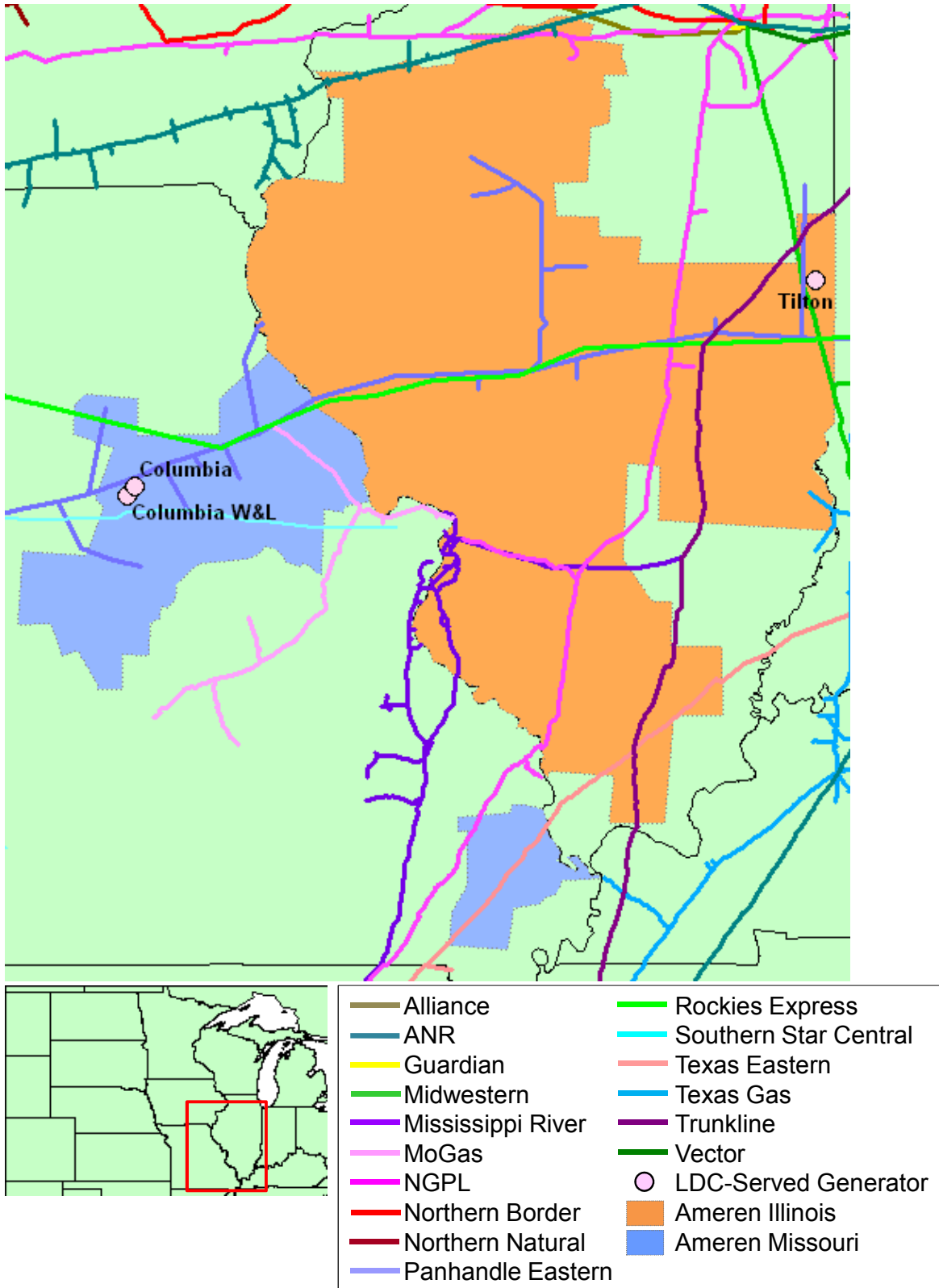


Table A2-81. MISO North/Central Generators Served by Ameren

System	Generator	Capacity (MW)
Illinois	Tilton	187
Missouri	Columbia	192
Missouri	Columbia W&L	48

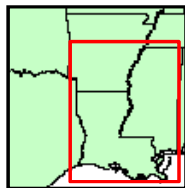
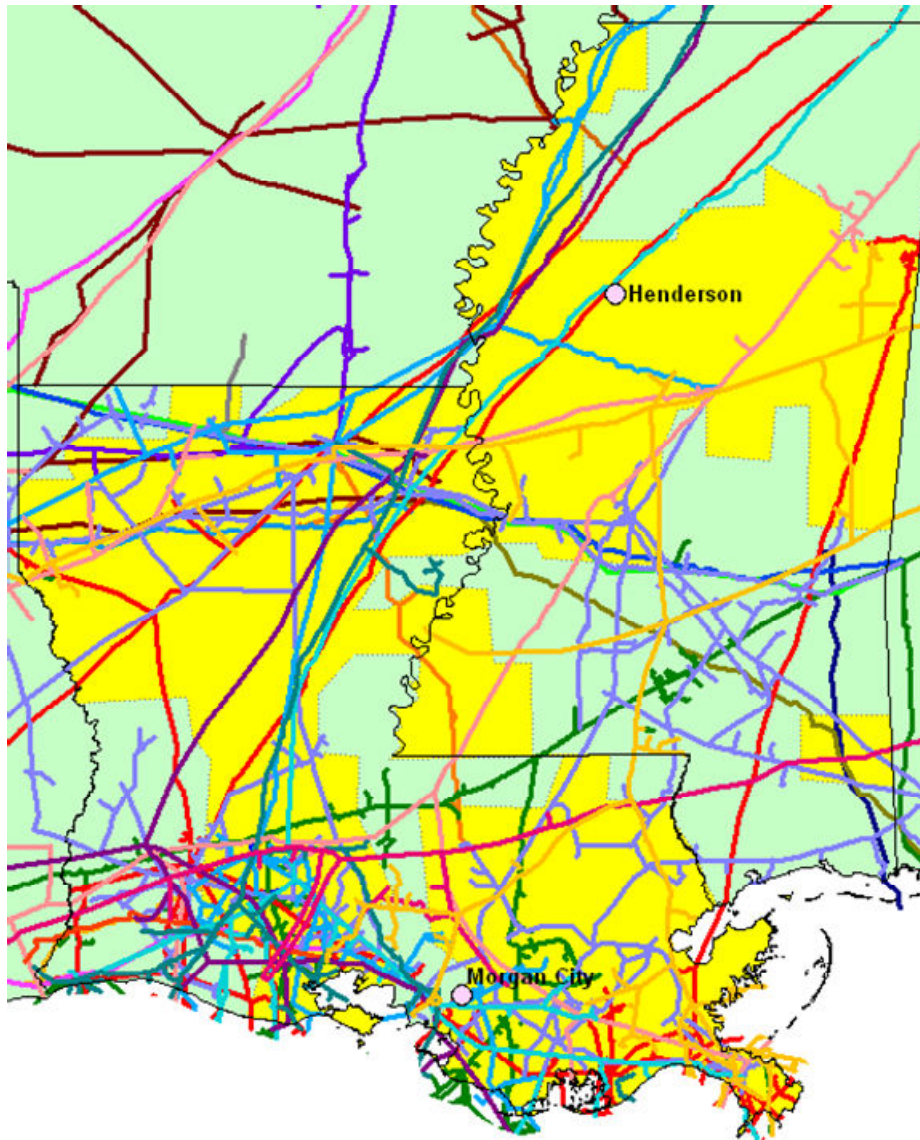
Table A2-82. Ameren Citygate Meters

System	Pipeline	Meter Name	Meter Number
Illinois	ANR	IPC - Group 1	139233
Illinois	Midwestern	Ameren Illinois-SA	394684
Illinois	Midwestern	Ameren Power	283548
Illinois	Midwestern	Ameren SA	1260523
Illinois	Midwestern	Armstrong	4130
Illinois	Midwestern	Danville	216188
Illinois	Midwestern	East Lynn	4132
Illinois	Midwestern	Illinois Power	193266
Illinois	Midwestern	Oakwood	4128
Illinois	Midwestern	Vermillion - CIPS	3749
Illinois	Mississippi River	Ameren Illinois Aggrega	5535
Illinois	NGPL	Amer IL / NGPL Hennepin Bureau	34
Illinois	NGPL	Amer IL / NGPL Deland Piatt	148
Illinois	NGPL	Amer IL / NGPL Windsor Shelby	157
Illinois	NGPL	Amer IL / NGPL Mattoon Douglas	4879
Illinois	NGPL	Amer IL / NGPL Hillsboro Moultrie	25165
Illinois	NGPL	Amer IL / NGPL Ameren Bureau	46388
Illinois	NGPL	Amer IL / NGPL AM CDP	46594
Illinois	NGPL	Amer IL / NGPL GC CDP	46595
Illinois	NGPL	Amer IL / NGPL La Salle #2 La Salle	900030
Illinois	NGPL	Amer IL / NGPL La Salle #4 La Salle	900032
Illinois	NGPL	Amer IL / NGPL Ladd Bureau	900033
Illinois	NGPL	Amer IL / NGPL Hollowayville Bureau	900036
Illinois	NGPL	Amer IL / NGPL Dover Bureau	900037
Illinois	NGPL	Amer IL / NGPL Wyanet Bureau	900039
Illinois	NGPL	Amer IL / NGPL Manlius Bureau	900040
Illinois	NGPL	Amer IL / NGPL Mineral Bureau	900042
Illinois	NGPL	Amer IL / NGPL Kewanee Henry	900043
Illinois	NGPL	Amer IL / NGPL Atkinson Henry	900044
Illinois	NGPL	Amer IL / NGPL Sherrard Rock Island	900050
Illinois	NGPL	Amer IL / NGPL Mansfield Piatt	900147
Illinois	NGPL	Amer IL / NGPL Monticello Piatt	900149
Illinois	NGPL	Amer IL / NGPL Bement Piatt	900150
Illinois	NGPL	Amer IL / NGPL Cerro Gordo Piatt	900151
Illinois	NGPL	Amer IL / NGPL Hammond Piatt	900152

System	Pipeline	Meter Name	Meter Number
Illinois	NGPL	Amer IL / NGPL Lovington Moultrie	900153
Illinois	NGPL	Amer IL / NGPL Strasburg Shelby	900158
Illinois	NGPL	Amer IL / NGPL Edgewood Fayette	900163
Illinois	NGPL	Amer IL / NGPL Patoka Marion	900166
Illinois	NGPL	Amer IL / NGPL Shattuc Clinton	900168
Illinois	NGPL	Amer IL / NGPL Centralia Clinton	900170
Illinois	NGPL	Amer IL / NGPL Hoyleton Washington	900171
Illinois	NGPL	Amer IL / NGPL Dubois Washington	900173
Illinois	NGPL	Amer IL / NGPL Tamaroa Perry	900174
Illinois	NGPL	Amer IL / NGPL Vergennes Jackson	900176
Illinois	NGPL	Amer IL / NGPL Steeleville Jackson	900177
Illinois	NGPL	Amer IL / NGPL Gorham Jackson	900178
Illinois	NGPL	Amer IL / NGPL Sheffield Bureau	903600
Illinois	NGPL	Amer IL / NGPL Harrison Jackson	904881
Illinois	Northern Border	Princeton	1231251
Illinois	Panhandle Eastern	Ameren Illinois	PEAIC
Illinois	Trunkline	Ameren Illinois	TRKAIC
Missouri	MoGas	Ameren Zone2 AP	1130
Missouri	MoGas	Highway N	1040
Missouri	Panhandle Eastern	HT - Union Electric DbA Ameren Missouri	H0503
Missouri	Panhandle Eastern	PT - Union Electric DbA Ameren Missouri	P91102
Missouri	Panhandle Eastern	ADM World - Union Electric Deduct	09500
Missouri	Panhandle Eastern	Ameren Energy Columbia Plant - Union Electric Deduct	09502
Missouri	Panhandle Eastern	Cornerstone - Union Electric Deduct	09508
Missouri	Panhandle Eastern	Laclede Energy Resources - Union Electric Deduct	09507
Missouri	Panhandle Eastern	ONEOK Energy Marketing - Union Electric Deduct	09503
Missouri	Panhandle Eastern	Proliance Energy - Union Electric Deduct	09504
Missouri	Panhandle Eastern	Seminole Energy - Union Electric Deduct	09505
Missouri	Panhandle Eastern	The Energy Authority - Union Electric Deduct	09515
Missouri	Panhandle Eastern	University Of Missouri - Union Electric Deduct	09506
Missouri	Panhandle Eastern	Ameren - Union Electric Deduct	09509
Missouri	Panhandle Eastern	Centerpoint Energy Services - Union Electric Deduct	09513
Missouri	Panhandle Eastern	Clearwater Enterprises - Union Electric Deduct	09514
Missouri	Panhandle Eastern	Constellation Newenergy - Union Electric Deduct	09510
Missouri	Panhandle Eastern	Interstate Municipal Gas Assoc. - Union Electric Deduct	09512
Missouri	Panhandle Eastern	Laclede Energy Resources - Union Electric Deduct	09511
Missouri	Panhandle Eastern	Utility Gas Management - Union Electric Deduct	09501

Atmos Energy

Figure A2-56. Atmos Energy Service Territory in MISO South



AM MidLa	NGPL
ANR	Sabine
Columbia Gulf	Southeast Supply Header
Destin	Southern
Egan	Tennessee
Enable	Texas Eastern
Fayetteville Express	Texas Gas
Florida Gas	Tiger
Gulf Crossing	Transco
Gulf South	Trans-Union
KM Louisiana	Trunkline
Midcontinent Express	LDC-Served Generator
Mississippi River	

Table A2-83. MISO South Generators Served by Atmos Energy

Generator	Capacity (MW)
Henderson	56.9
Morgan City	51

[move Morgan City to Texas Gas]

Table A2-84. Atmos Energy Citygate Meters

Pipeline	Meter Name	Meter Number
Columbia Gulf	Atmos - Leflore, MS	4234
Gulf South	Lucedale City Gate	002428
Gulf South	Williamsville City Gate	002551
Gulf South	Mill Gansville/Tannehill Communities CG	003364
Gulf South	Jackson City Gates Aggregate SLN - MsVal	009915
Gulf South	West Monroe / Aggregate SLN-LGS	010715
Gulf South	Gloster Et. Al. WOTB/Farm Aggregate -LGS	010717
Gulf South	North Louisiana T. B. S. Aggregate -LGS	010718
Gulf South	Northeast Louisiana Aggregate - LGS	010719
Gulf South	Hammond/Ponchatoula Aggregate SLN - LGS	010720
Gulf South	Amite/Indep Aggregate - LGS	010721
Gulf South	Slidell Aggregate SLN - LGS	010722
Gulf South	Mandeville Aggregate SLN - LGS	010723
Gulf South	Delacroix/B.Chasse/Reserve Aggreg. - LGS	010724
Gulf South	Buras / Venice Aggregate SLN - LGS	010725
Gulf South	Goodwood/Webber Aggregate SLN - LGS	010726
Gulf South	Boutte-Luling-Des Allemands Aggr.-LGS	010821
Gulf South	Meridian South City Gate	011303
Gulf South	Lafayette Aggregate SLN	011314
Gulf South	Many Etal Aggregate	011315
Gulf South	D'arbonne Hills Aggregate	011316
Gulf South	Copperfield	012824
Gulf South	Cypress Bayou Casino (To TransLa)	012826
Gulf South	BR/NO-ST Rose-Marchand - LGS Aggregate	020476
Gulf South	St Mary Parish School - Trans La	020646
Gulf South	L.O. Peck	021103
Gulf South	St Louis Canal Road - Atmos City Gate	021486
MidLa	Alto, LA	020110
MidLa	Crew Lame	020111
MidLa	Gilbert, LA #1	020112
MidLa	Wisner, LA	020113
MidLa	Ferriday, LA	020105
MidLa	Forest Plantation Road	020117
MidLa	Natchez, MS #1	020103

Pipeline	Meter Name	Meter Number
MidLa	Natchez, MS #2	020106
MidLa	Woodville Prison	020118
NGPL	AtmosEn / NGPL Muleshoe Bailey	11433
NGPL	AtmosEn / NGPL Deaf Smith	25026
Southern	Atmos - Systemwide Farm Taps	746400
Southern	Atmos - Artesia	738300
Southern	Atmos - Carthage	735100
Southern	Atmos - Amory	739500
Southern	Atmos - North Central Gas District	735600
Southern	Atmos - Columbus	739200
Southern	Atmos - Starkville	738800
Southern	Atmos - Meridian Area	940000
Southern	Atmos - Benton	727300
Southern	Trans Louisiana Gas Company	703500
Southern	Atmos - Goodman	729000
Southern	Atmos - Noxapater	735500
Southern	Atmos - Dekalb	737200
Southern	Atmos - Naval Air Station	737500
Southern	Atmos - Pickens	728000
Southern	Atmos - Durant	730000
Southern	Polaris	710200
Southern	Atmos - Deer Creek Natural Gas District	725300
Southern	Atmos - Lexington	731100
Southern	Atmos - Kosciusko	734900
Southern	Atmos - Macon Line	736500
Southern	Atmos - Yazoo City	726000
Tennessee	Atmos-MS/TGP Greenwood MS Leflore	420211
Texas Eastern	Atmos Energy - Ethel - Attala Co. MS	70297
Texas Eastern	Mississippi Valley - McCool, MS	70298
Texas Eastern	Meadville, MS	70419
Texas Eastern	Bude, MS	70420
Texas Eastern	Atmos Energy - Amory, MS	70524
Texas Eastern	Miss. Valley Gas - Hinds Co., MS	72367
Texas Eastern	Atmos Energy -Monroe, MS	72967
Texas Eastern	MVG - Madison Co., MS	72990
Texas Eastern	Mississippi Valley - Clay Co., MS	73037
Texas Eastern	Miss Valley Gas #2 - Hinds Co., MS.	73238
Trunkline	Kilbourne, LA - Atmos Energy	80085
Trunkline	Crenshaw, MS - Atmos Energy	80079

CenterPoint Energy Arkansas

Figure A2-57. CenterPoint Energy Arkansas Service Territory

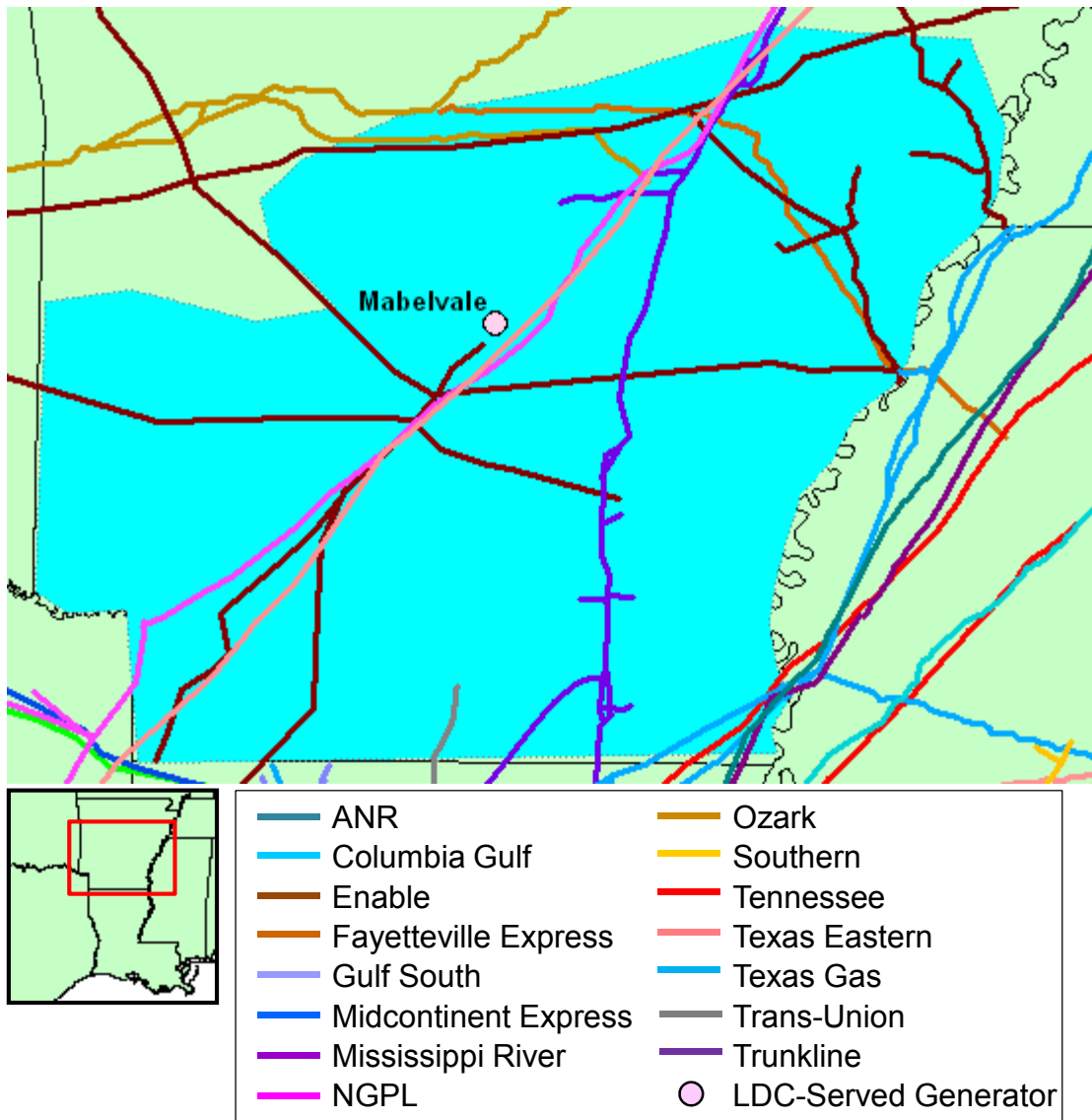


Table A2-85. MISO South Generators Served by Centerpoint Energy Arkansas

Generator	Capacity (MW)
Mabelvale	26

Table A2-86. Centerpoint Energy Arkansas Citygate Meters

Pipeline	Meter Name	Meter Number
Enable	Entergy @Mabelvale Acct	13790
Mississippi River	CenterPoint Energy Res	5533
NGPL	CE – ArkLa / NGPL #1 Lonoke	10603
NGPL	CE – ArkLa / NGPL #2 Lonoke	11303
Texas Eastern	ArkLa -McRae Junct. -White, AR	72597
Texas Eastern	ArkLa - Pulaski Co. AR.	73150
Texas Eastern	Centerpoint Energy - Granite Mountain Quarry, Pulaski CO.,	73729
Texas Gas	Ark La Shipper Deduct	1123

CenterPoint Energy Minnesota

Figure A2-58. CenterPoint Energy Minnesota Service Territory

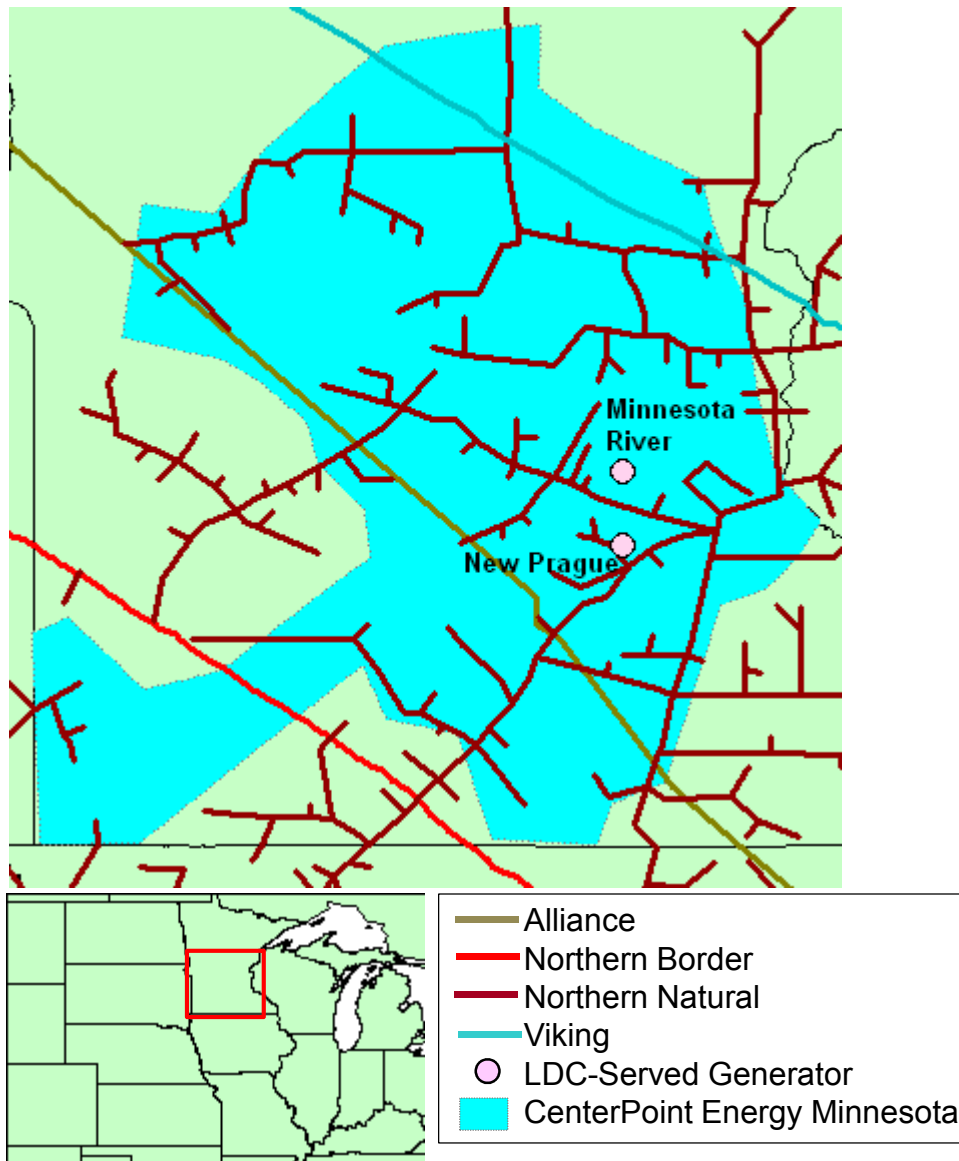


Table A2-87. MISO North/Central Generators Served by Centerpoint Energy Minnesota

Generator	Capacity (MW)
Minnesota River	48
New Prague	18

Table A2-88. Centerpoint Energy Minnesota Citygate Meters

Pipeline	Meter Name	Meter Number
Northern Natural	Zone EF Centerpoint Energy Minnesot	#N/A
Northern Natural	Albany MN #1	1236
Northern Natural	Alexandria MN #1	1241
Northern Natural	Amboy MN #1	1955
Northern Natural	Annandale (Malco Manufacturing)	53956
Northern Natural	Annandale MN #1	3136
Northern Natural	Anoka MN #1	2295
Northern Natural	Anoka MN #1A	3137
Northern Natural	Arlington MN #1	1243
Northern Natural	Atwater MN #1	1247
Northern Natural	Avon - St.John MN #1	22017
Northern Natural	Belle Plaine MN #1	1248
Northern Natural	Benson MN #1	1251
Northern Natural	Big Lake MN #1	3138
Northern Natural	Big Lake MN #2	3139
Northern Natural	Blaine MN #1	2296
Northern Natural	Blaine MN #1A	3140
Northern Natural	Blue Earth MN #1	1252
Northern Natural	Braham MN #1	3143
Northern Natural	Brainerd MN #1	1255
Northern Natural	Browerville MN #1	1256
Northern Natural	Buckman MN #1	61633
Northern Natural	Buffalo MN #1	3144
Northern Natural	Cambridge #4 (William Kast)	57419
Northern Natural	Cambridge MN #1	3146
Northern Natural	Cambridge MN #1A	3147
Northern Natural	Cambridge MN #2	3148
Northern Natural	Centerville MN #1	57837
Northern Natural	Cleveland MN #1	1261
Northern Natural	Coates MN #1	1262
Northern Natural	Cokato MN #1	1268
Northern Natural	Cold Spring MN #1	1274
Northern Natural	Cologne MN #1	1271
Northern Natural	Coon Rapids MN #1	2294
Northern Natural	Corcoran MN #1	78860
Northern Natural	Cyrus MN #1	1276
Northern Natural	Dassell MN #1	1277
Northern Natural	Dayton MN #1	3153
Northern Natural	Eagle Lake MN #1	1278
Northern Natural	Elk River MN #1	3154
Northern Natural	Elk River MN #1B	3156
Northern Natural	Elk River MN #3	3158

Pipeline	Meter Name	Meter Number
Northern Natural	Freeport MN #1	1279
Northern Natural	Gaylord MN #1	1282
Northern Natural	Glencoe MN #1	1287
Northern Natural	Glenwood MN #1	1289
Northern Natural	Grandy MN #1	3159
Northern Natural	Grasston MN #1	3160
Northern Natural	Grove City MN #1	1292
Northern Natural	Ham Lake MN #1	22020
Northern Natural	Hancock MN #1	1294
Northern Natural	Hartland MN #1	1296
Northern Natural	Hastings MN #1	1303
Northern Natural	Hastings MN #1A	15721
Northern Natural	Hastings MN #1B (Cottage Grove)	22927
Northern Natural	Hastings MN #1C	1312
Northern Natural	Hector MN #1	1956
Northern Natural	Howard Lake MN #1	1316
Northern Natural	Ihlen MN #1	1319
Northern Natural	Isanti MN #1	3161
Northern Natural	Janesville MN #1	1322
Northern Natural	Jasper MN #1	1323
Northern Natural	Jordan MN #1	1326
Northern Natural	Jordan MN #2	1328
Northern Natural	Kimball MN #1	3162
Northern Natural	Lake Crystal MN #1	1330
Northern Natural	Lake Crystal MN #2	1332
Northern Natural	Lastrup MN #1	61632
Northern Natural	Le Center MN #1	1334
Northern Natural	Le Sueur MN #1	1336
Northern Natural	Lester Prairie MN #1	1342
Northern Natural	Lewisville MN #1	1345
Northern Natural	Lexington MN #1	3163
Northern Natural	Lexington MN #1A	3164
Northern Natural	Litchfield MN #1	1346
Northern Natural	Little Falls MN #1	1347
Northern Natural	Little Falls MN #1A	1353
Northern Natural	Long Prairie MN #1	1355
Northern Natural	Lonsdale MN #1	1354
Northern Natural	Lowry MN #1	1356
Northern Natural	Luverne MN #1	1358
Northern Natural	Madelia MN #1	1359
Northern Natural	Mankato MN #1	1373
Northern Natural	Mankato MN #1A	2775
Northern Natural	Maple Lake MN #1	3165

Pipeline	Meter Name	Meter Number
Northern Natural	Mayer MN 1	25969
Northern Natural	Medford MN #1	1401
Northern Natural	Melrose MN #1	1405
Northern Natural	Minneapolis MN #1D	1436
Northern Natural	Minneapolis MN #1E	25968
Northern Natural	Minneapolis MN #1G	1442
Northern Natural	Minneapolis MN #1H	1450
Northern Natural	Minneapolis MN #1K	12933
Northern Natural	Minneapolis MN #1P	1455
Northern Natural	Minneapolis MN #1Q	2774
Northern Natural	Minneapolis MN #1R	1462
Northern Natural	Minnetrista MN #1	56628
Northern Natural	Montgomery MN #1	1470
Northern Natural	Monticello MN #1	3166
Northern Natural	Morris MN #1	1471
Northern Natural	Morris MN #2	1473
Northern Natural	Morristown MN #1	1474
Northern Natural	Mound Village MN #1	1476
Northern Natural	Nelson MN #1	1477
Northern Natural	New Prague MN #1	1456
Northern Natural	Nicollet MN #1	60077
Northern Natural	Norwood-Y.A. MN	1460
Northern Natural	Olivia MN #1	1466
Northern Natural	Osakis MN #1	1468
Northern Natural	Paynesville MN #1	1472
Northern Natural	Pierz MN #1	1475
Northern Natural	Pipestone MN #1	1478
Northern Natural	Plato MN #1	1479
Northern Natural	Princeton MN #1	3167
Northern Natural	Prior Lake MN #1	1480
Northern Natural	Prior Lake MN #1 D	60093
Northern Natural	Prior Lake MN #1 E	60092
Northern Natural	Prior Lake MN #1A	12934
Northern Natural	Prior Lake MN #1C	59674
Northern Natural	Randolph MN #1	1481
Northern Natural	Richmond MN #1	1417
Northern Natural	Rockford MN #1	1421
Northern Natural	Rockville MN #1	1423
Northern Natural	Roscoe MN #1	1427
Northern Natural	Sauk Centre MN #1	1398
Northern Natural	Savage MN #1E	2141
Northern Natural	Silver Lake MN #1	1407
Northern Natural	Sleepy Eye MN #1	1410

Pipeline	Meter Name	Meter Number
Northern Natural	Sleepy Eye MN #2	1415
Northern Natural	South Haven MN #1	3168
Northern Natural	South Haven MN #1A	3169
Northern Natural	Spring Lake Park MN #1	3170
Northern Natural	Springfield MN #1	1419
Northern Natural	St Bonifacius MN #1	1430
Northern Natural	St. James MN #1	1433
Northern Natural	St. Michael MN #1	1437
Northern Natural	St. Michael MN #1A	12935
Northern Natural	St. Peter MN #1	1440
Northern Natural	St. Peter MN #2	1441
Northern Natural	Stanchfield MN #1	3171
Northern Natural	Starbuck MN #1	1424
Northern Natural	Veseli MN #1	1432
Northern Natural	Waconia MN #1	1435
Northern Natural	Waconia MN #1A	1439
Northern Natural	Waconia MN #3	12937
Northern Natural	Waseca MN #1	15729
Northern Natural	Waseca MN #1A	1375
Northern Natural	Waseca MN #1B	1379
Northern Natural	Waseca MN #2	1381
Northern Natural	Waterville MN #1	1383
Northern Natural	Watkins MN #1	3173
Northern Natural	Willmar MN #1	1387
Northern Natural	Winnebago MN #1	1389
Northern Natural	Winsted MN #1	1392
Northern Natural	Winthrop MN #1	1394
Northern Natural	Zimmerman MN #1	22019

Citizens Gas (Citizens Energy Group)

Figure A2-59. Citizens Gas Service Territory

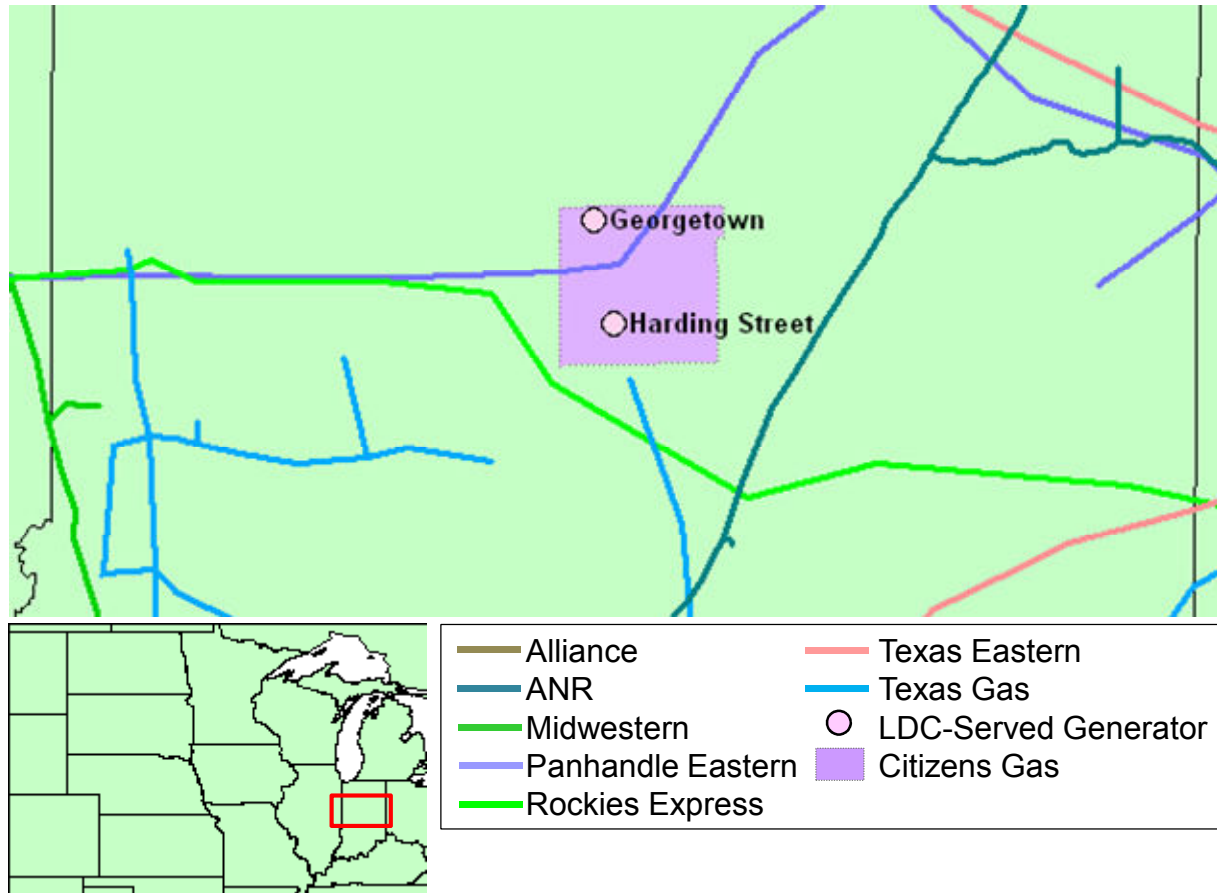


Table A2-89. MISO North/Central Generators Served by Citizens Gas

Generator	Capacity (MW)
Georgetown	360
Harding Street	378

Table A2-90. Citizens Gas Citygate Meters

Pipeline	Meter Name	Meter Number
Panhandle Eastern	Citizens Energy Group	CITGC
Panhandle Eastern	Citizens Energy Group IP&L Delivery	02854
Rockies Express	Citizens/REX Morgan	44430
Texas Gas	Citizens Shipper Ded	1367

Consumers Energy

Figure A2-60. Consumers Energy Service Territory

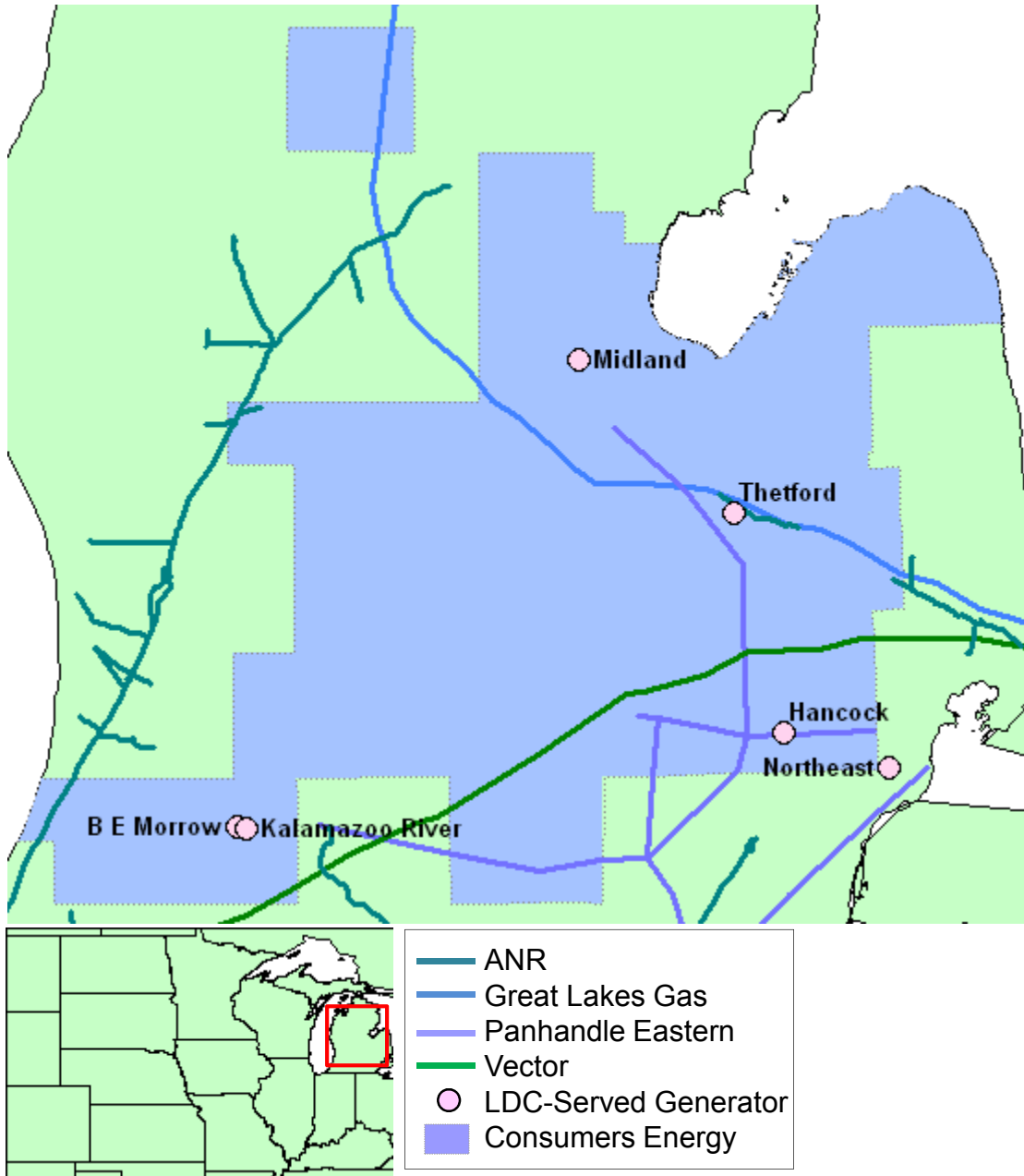


Table A2-91. MISO North/Central Generators Served by Consumers Energy

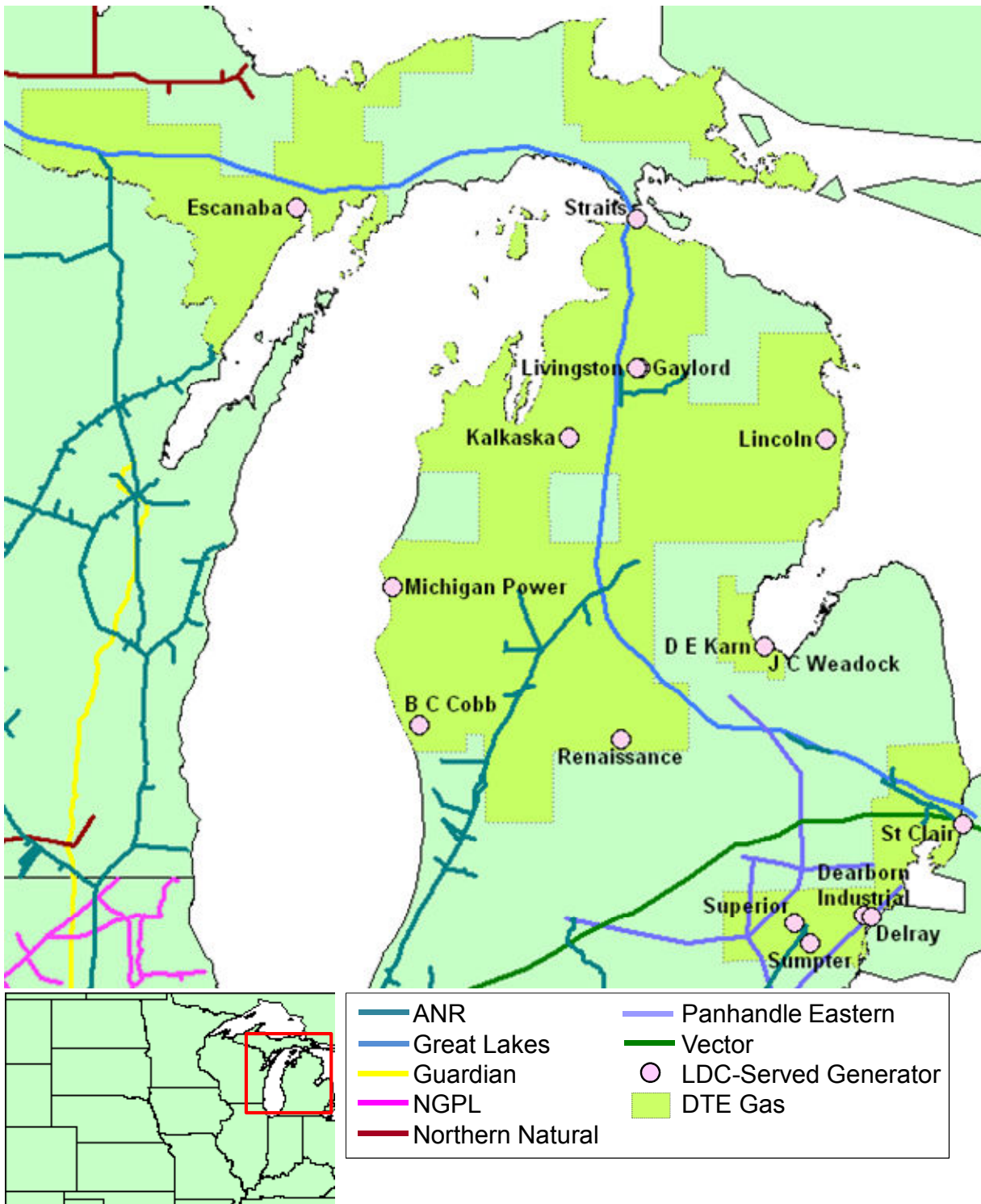
Generator	Capacity (MW)
B E Morrow	34
Hancock	183
Kalamazoo	70
Northeast	150
Thetford	233

Table A2-92. Citizens Gas Citygate Meters

Pipeline	Meter Name	Meter Number
Great Lakes	Birch Run	11760
Panhandle Eastern	Consumers Energy	MGS
Trunkline	Elkhart - Consumers Energy	80001
Vector	Hartland	378973
Vector	Ray	378975

DTE Gas (DTE Energy)¹⁵

Figure A2-61. DTE Gas Service Territory



¹⁵ Previously known as Michigan Consolidated Gas.

Table A2-93. MISO North/Central Generators Served by DTE Gas

Generator	Capacity (MW)
B C Cobb	183
D E Karn	1276
Dearborn Industrial	715
Delray	159
Escanaba	18
Gaylord	85
Gaylord	72
J C Weadock	17
Kalkaska	50
Lincoln	18
Livingston	132
Michigan Power	123
Renaissance	776
St Clair	23
Straits	21
Sumpter	340
Superior	76

Table A2-94. DTE Gas Citygate Meters

Pipeline	Meter Name	Meter Number
ANR	MichCon-Grp 1	139248
ANR	MichCon-Grp 2	139369
ANR	MichCon-Grp 3	139382
ANR	Willow Run (to MichCon)	42078
ANR	Alpena Del/Mich Con Gas	40832
ANR	Sparta-Muskegon	40849
ANR	Menominee	11702
Great Lakes	Sault Ste. Marie MichCon	11596
Great Lakes	Rudyard	11595
Great Lakes	Gaylord	11741
Great Lakes	Petoskey	11594
Great Lakes	Pellston	40835
Great Lakes	Mackinaw	11625
Great Lakes	Rapid River	11623
Great Lakes	Sagola	473414
Great Lakes	Goose Creek	199466
Panhandle Eastern	HT - DTE Gas Co	H0493
Panhandle Eastern	PT - DTE Gas Co	P91092

Entergy New Orleans

Figure A2-62. Entergy New Orleans Service Territory

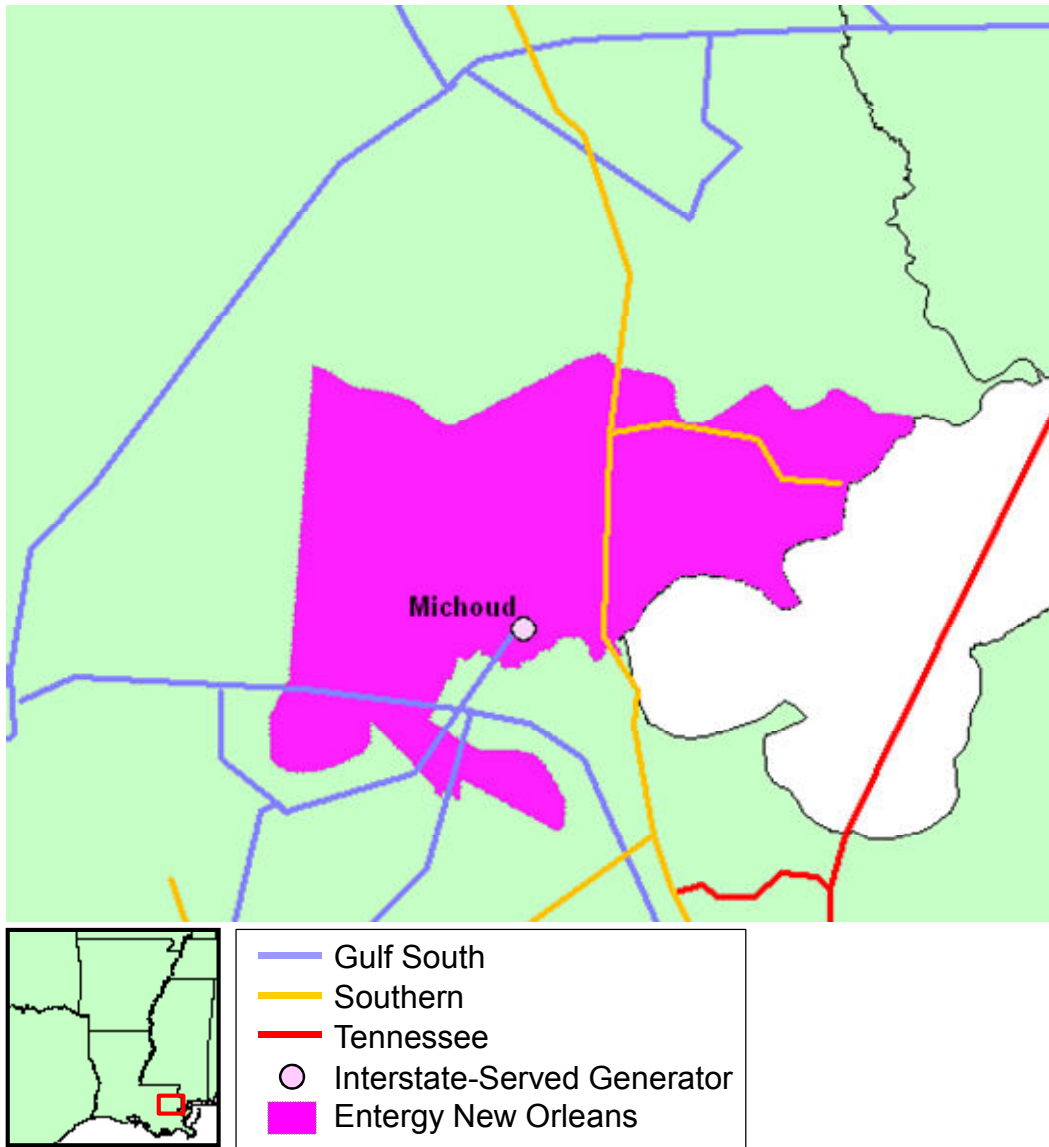


Table A2-95. MISO South Generators Served by Entergy New Orleans

Generator	Capacity (MW)
Michoud	777

Table A2-96. Entergy New Orleans Citygate Meters

Pipeline	Meter Name	Meter Number
Gulf South	NOPSI Aggregate – New Orleans Public Ser	009921

Liberty Utilities

Figure A2-63. Liberty Utilities Service Territory

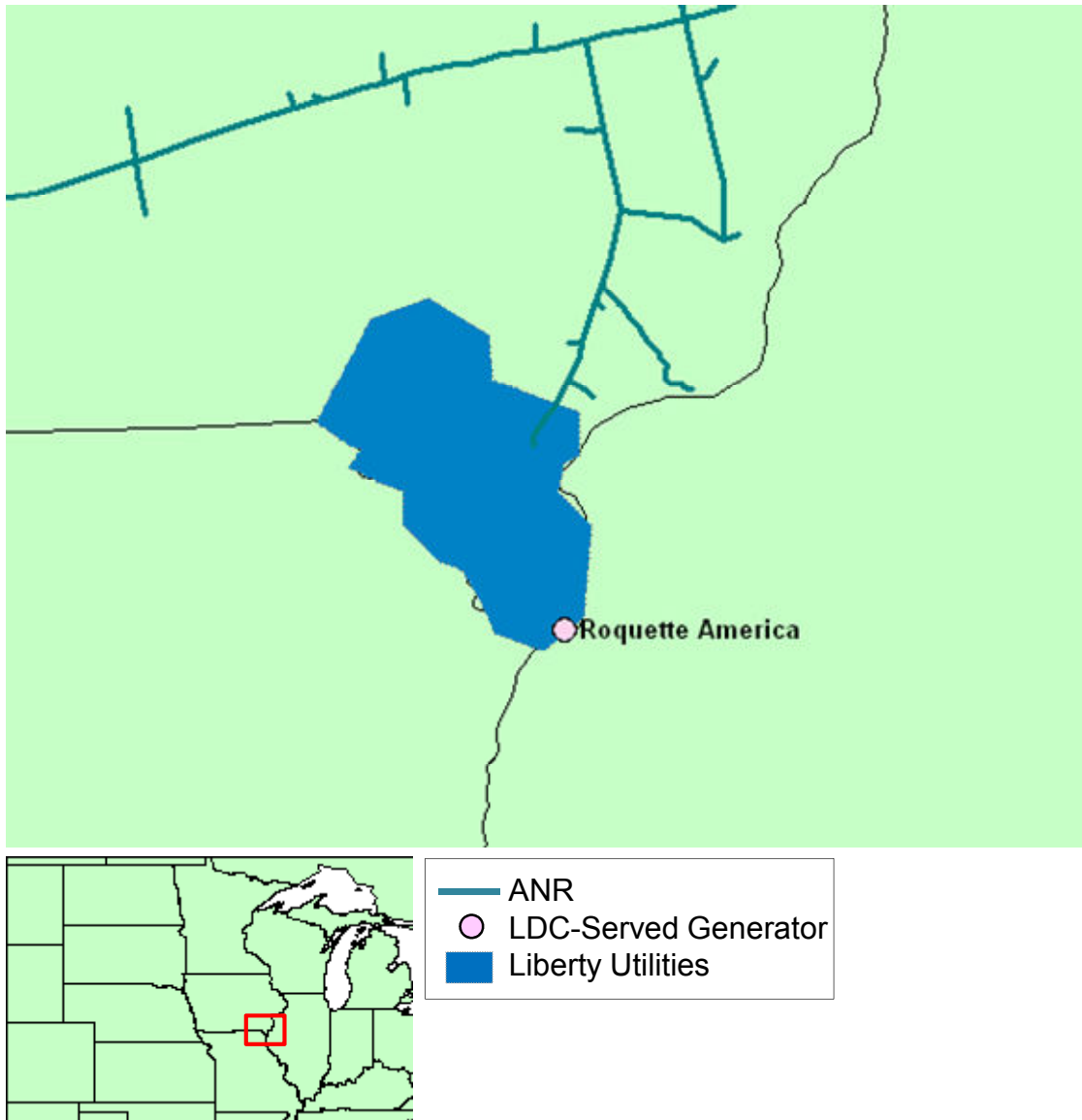


Table A2-97. MISO North/Central Generators Served by Liberty Utilities

Generator	Capacity (MW)
Roquette America	35

Table A2-98. Liberty Utilities Citygate Meters

Pipeline	Meter Name	Meter Number
ANR	Keokuk	4741
ANR	Kirksville	4602

Madison Gas and Electric (MGE Energy, Inc.)

Figure A2-64. Madison Gas and Electric Service Territory

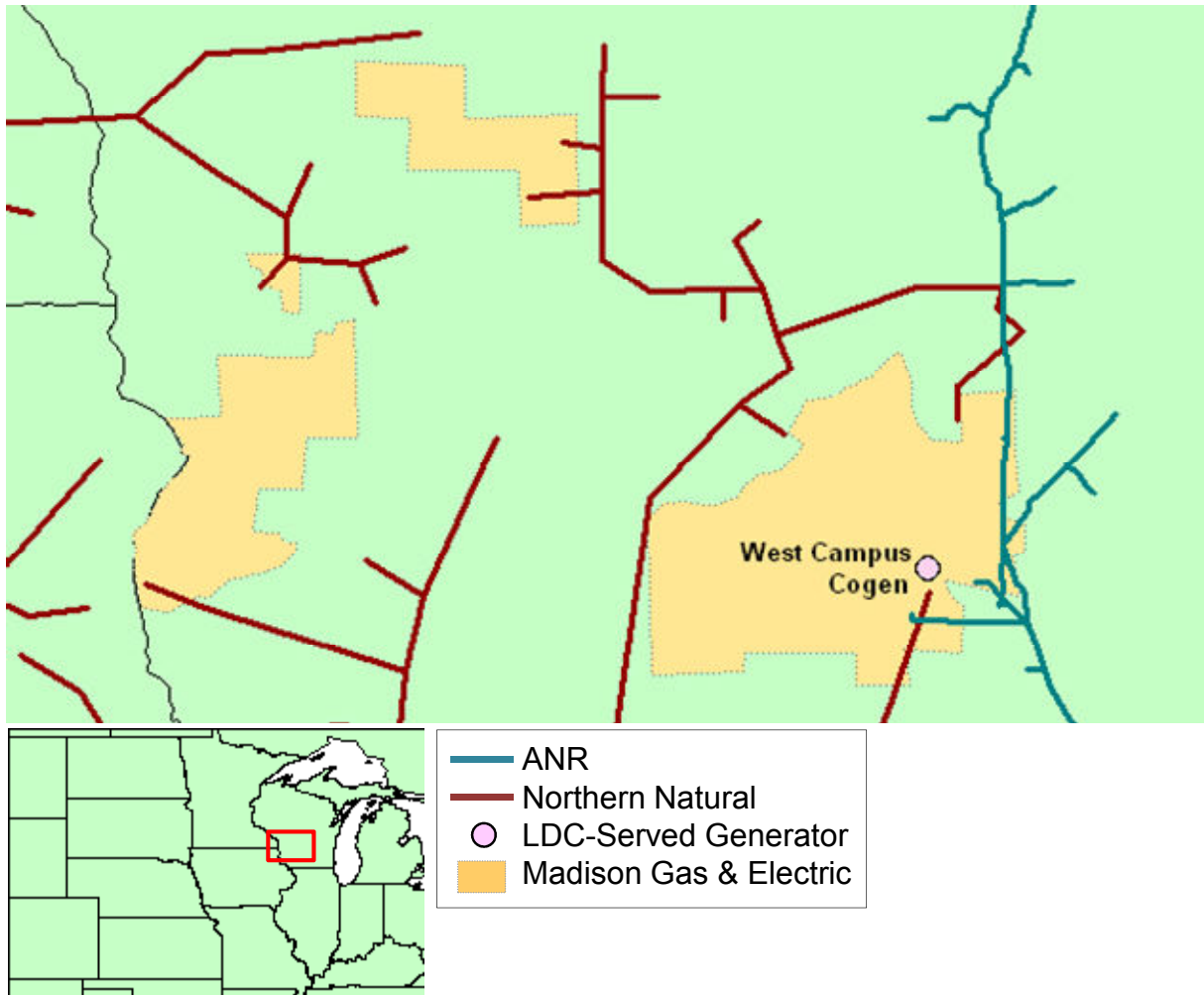


Table A2-99. MISO North/Central Generators Served by Madison Gas & Electric

Generator	Capacity (MW)
West Campus Cogen	130

Table A2-100. Madison Gas & Electric Citygate Meters

Pipeline	Meter Name	Meter Number
ANR	Madison Gas-Grp 1	139253
Northern Natural	Zone D-Madison G&E	#N/A
Northern Natural	Elroy WI #1	4144
Northern Natural	Madison WI #1	53782
Northern Natural	Prairie Du Chien WI #1	4052
Northern Natural	Readstown WI #1	61808
Northern Natural	Viroqua WI #1	4060

Michigan Gas Utilities

Figure A2-65. Michigan Gas Utilities Service Territory

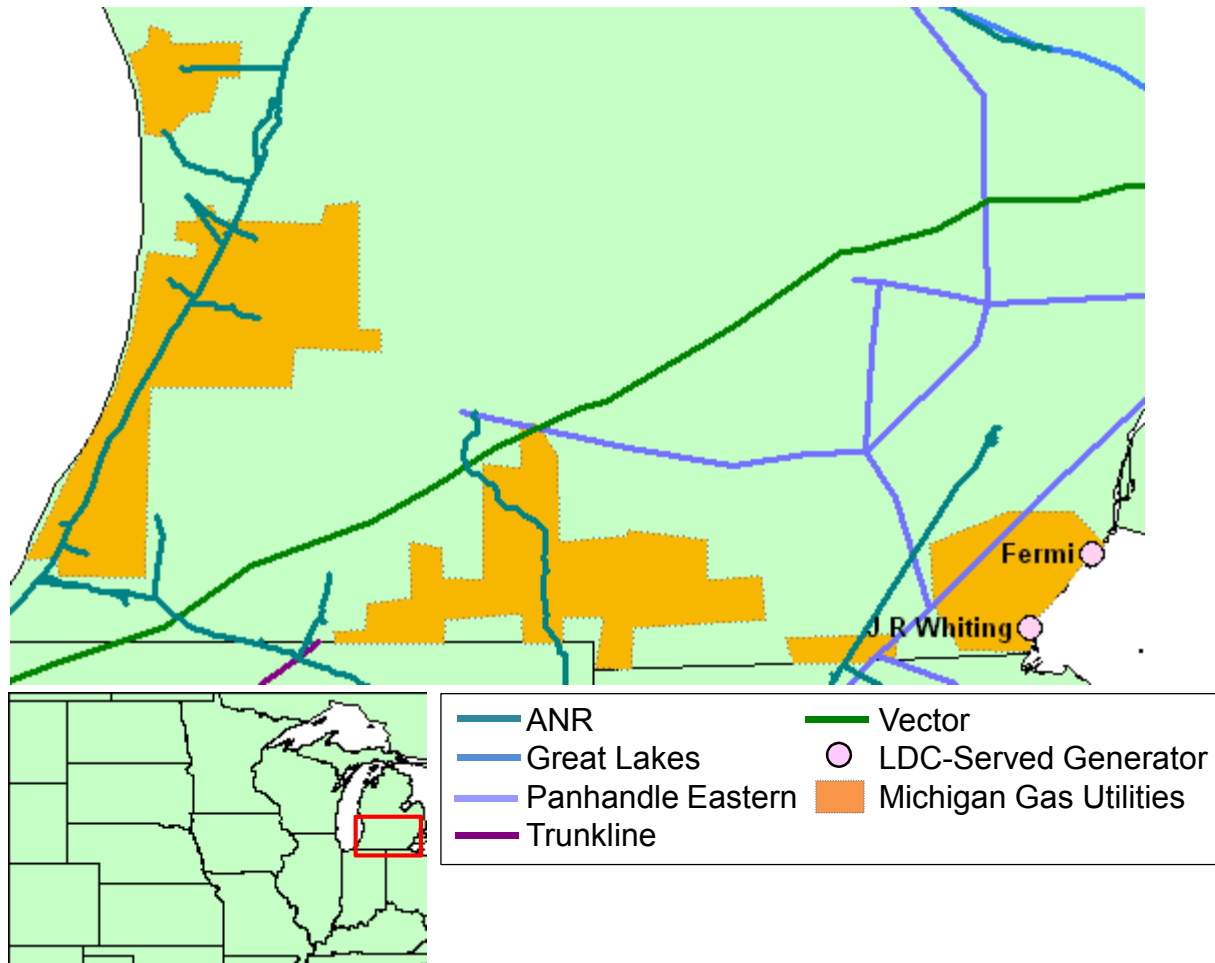


Table A2-101. MISO North/Cental Generators Served by Michigan Gas Utilities

Generator	Capacity (MW)
Fermi	75
J R Whiting	17

Table A2-102. Michigan Gas Utilities Citygate Meters

Pipeline	Meter Name	Meter Number
ANR	MGUC - Grp 1	139250
ANR	MGUC - Grp 2	139371
ANR	MGUC - Grp 3	139384
Panhandle Eastern	HT - Michigan Gas Utilities	H0466
Panhandle Eastern	PT - Michigan Gas Utilities	P91066
Panhandle Eastern	Michigan Gas Utilities	MGU
Trunkline	Elkhart - MGU	80002

MidAmerican Energy

Figure A2-66. MidAmerican Energy Service Territory

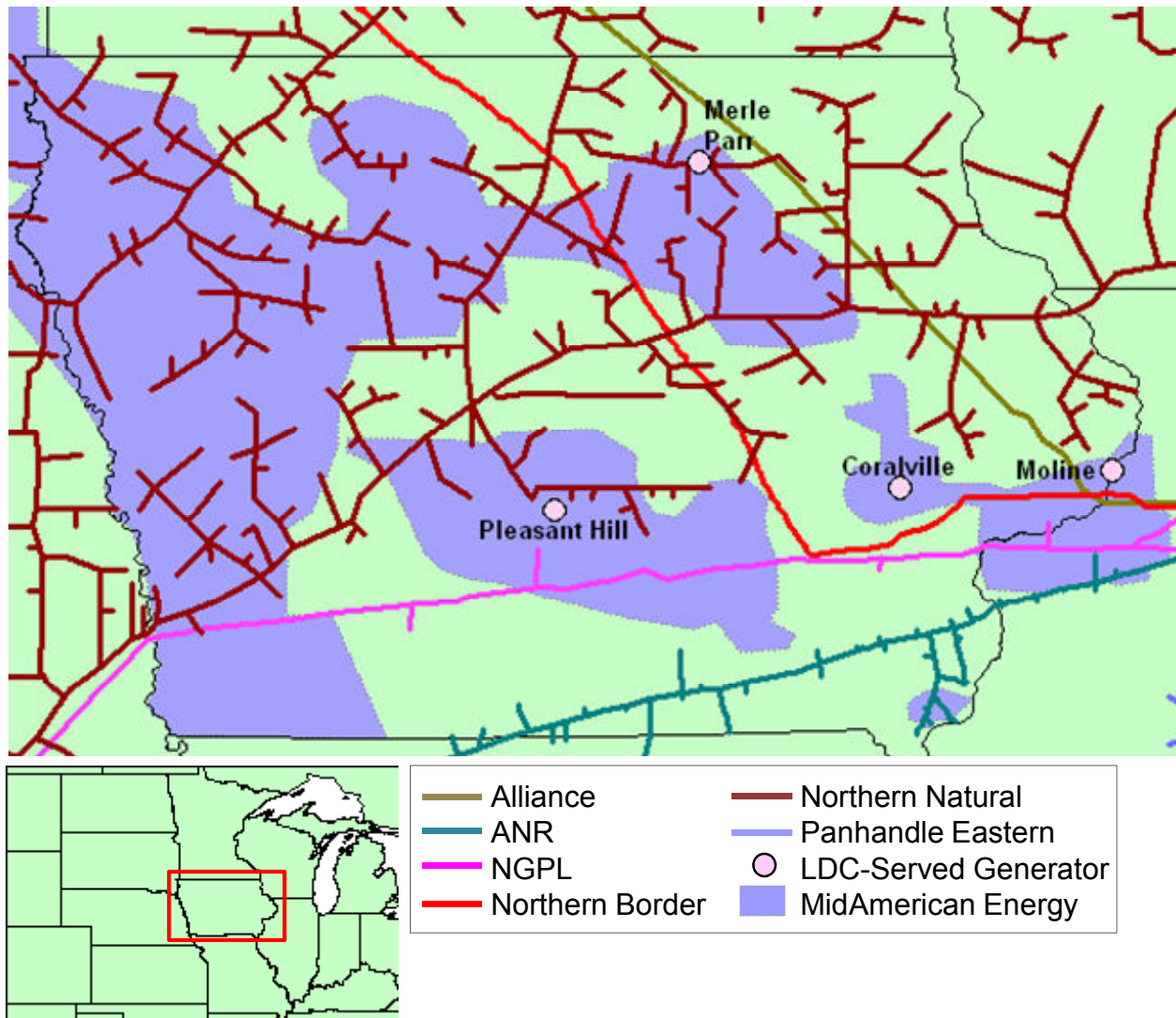


Table A2-103. MISO North/Central Generators Served by MidAmerican Energy

Generator	Capacity (MW)
Coralville	80
Merle Parr	36
Moline	80
Pleasant Hill	194

Table A2-104. MidAmerican Energy Citygate Meters

Pipeline	Meter Name	Meter Number
ANR	MidAmerican - Grp 1	139246
NGPL	MidAmer / NGPL Malvern Mills	113
NGPL	MidAmer / NGPL Pacific Jet Mills	115
NGPL	MidAmer / NGPL Des Moines Warren	3950
NGPL	MidAmer / NGPL CDP	10568
NGPL	MidAmer / NGPL Ottumwa #2 Mahaska	900078
NGPL	MidAmer / NGPL New Sharon Mahaska	900080
NGPL	MidAmer / NGPL Ottumwa #1 Mahaska	900081
NGPL	MidAmer / NGPL Oskaloosa Mahaska	900082
NGPL	MidAmer / NGPL Leighton Mahaska	900083
NGPL	MidAmer / NGPL Tracy Marion	900085
NGPL	MidAmer / NGPL Harvey Marion	900086
NGPL	MidAmer / NGPL Attica Marion	900087
NGPL	MidAmer / NGPL Melcher Marion	900089
NGPL	MidAmer / NGPL Pleasantville Marion	900090
NGPL	MidAmer / NGPL Milo Warren	900092
NGPL	MidAmer / NGPL Indianola Warren	900093
NGPL	MidAmer / NGPL Martensdale Warren	900094
NGPL	MidAmer / NGPL St Charles Madison	900096
NGPL	MidAmer / NGPL Winterset Madison	900098
NGPL	MidAmer / NGPL Afton Union	900103
NGPL	MidAmer / NGPL Elliott Montgomery	900110
NGPL	MidAmer / NGPL Red Oak Montgomery	900111
NGPL	MidAmer / NGPL Emerson Mills	900112
Northern Border	Iowa City	227974
Northern Border	Davenport	227976
Northern Natural	Zone ABC - MidAmerican	#N/A
Northern Natural	Zone D - MidAmerican	#N/A
Northern Natural	Adel IA #1	3229
Northern Natural	Adel IA #2	3230
Northern Natural	Akron IA #1	3664
Northern Natural	Alden IA #1	3620
Northern Natural	Algona IA #1	3127
Northern Natural	Allison IA #1	3666
Northern Natural	Altoona IA #1	3231
Northern Natural	Alvord IA #1	3668
Northern Natural	Ames IA #1	2884
Northern Natural	Ankeny IA #1	3233
Northern Natural	Ankeny IA #2	2781
Northern Natural	Aplington IA #1	3669
Northern Natural	Aplington IA #2	3670
Northern Natural	Archer IA #1	3671

Pipeline	Meter Name	Meter Number
Northern Natural	Arthur IA #1	3672
Northern Natural	Audubon IA #1	3673
Northern Natural	Audubon IA #2	3674
Northern Natural	Aurelia IA #1	3675
Northern Natural	Avoca IA #1	3234
Northern Natural	Badger IA #1	3656
Northern Natural	Bagley IA #1	3128
Northern Natural	Battle Creek IA #1	3707
Northern Natural	Bayard IA #1	3129
Northern Natural	Belmond IA #1	3578
Northern Natural	Bondurant IA #1	3235
Northern Natural	Boone IA #1	2871
Northern Natural	Boyden IA #1	3676
Northern Natural	Brayton IA #1	3677
Northern Natural	Bristow IA #1	3678
Northern Natural	Callender IA #1	3660
Northern Natural	Calumet IA #1	3679
Northern Natural	Camp Dodge IA #1	2784
Northern Natural	Carson IA #1	3236
Northern Natural	Cedar Rapids/Vinton IA	54227
Northern Natural	Chapin IA #1	3681
Northern Natural	Charles City IA #1	3682
Northern Natural	Charles City IA #1A	3683
Northern Natural	Clarion IA #1	3684
Northern Natural	Clarksville IA #1	3686
Northern Natural	Cleghorn IA #1	3687
Northern Natural	Coalville IA #1	3662
Northern Natural	Colfax IA #1	3237
Northern Natural	Cylinder IA #1	3688
Northern Natural	Dallas Center IA #1	3238
Northern Natural	Danbury IA #1	3708
Northern Natural	Defiance IA #1	3693
Northern Natural	Denver IA #1	3275
Northern Natural	Des Moines IA #1	2195
Northern Natural	Des Moines IA #11	2776
Northern Natural	Des Moines IA #1A	2777
Northern Natural	Des Moines IA #1C	2779
Northern Natural	Des Moines IA #1D	2780
Northern Natural	Dexter IA #1	3240
Northern Natural	Doon IA #1	3276
Northern Natural	Dumont IA #1	3277
Northern Natural	Duncombe IA #1	3661
Northern Natural	Dunlap IA #1	3241

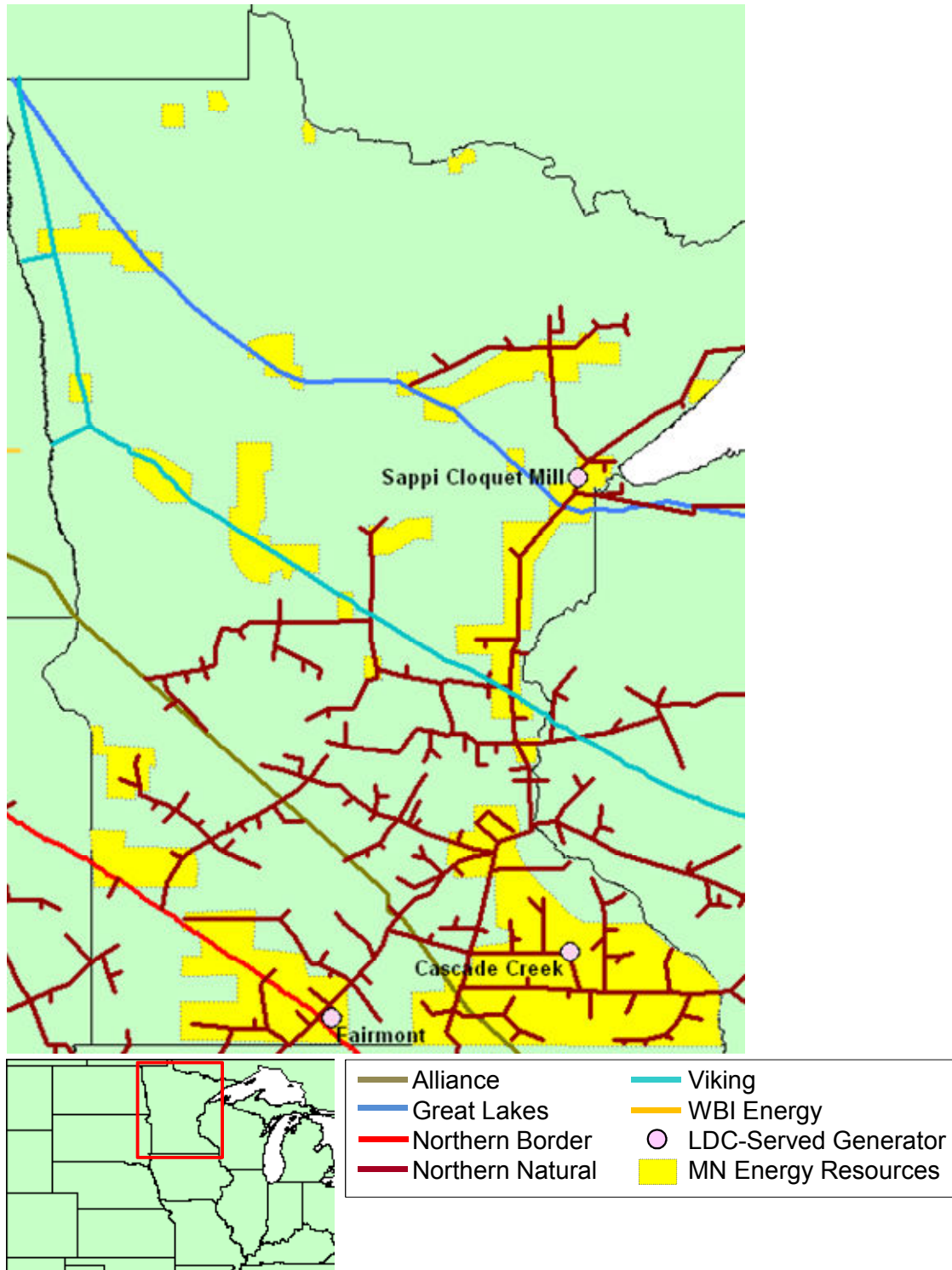
Pipeline	Meter Name	Meter Number
Northern Natural	Eagle Grove IA #1	3278
Northern Natural	Earlham IA #1	3242
Northern Natural	Earling IA #1	3279
Northern Natural	Early IA #1	3280
Northern Natural	Early IA #2	3358
Northern Natural	Elk Horn IA #1	3281
Northern Natural	Evansdale IA #1	3283
Northern Natural	Exira IA #1	3284
Northern Natural	Fenton IA #1	3130
Northern Natural	Ft. Dodge IA #1	3426
Northern Natural	Ft. Dodge IA #1A	3657
Northern Natural	Galva IA #1	3285
Northern Natural	Germantown IA #1	3288
Northern Natural	Gilbertville IA #1	3289
Northern Natural	Goldfield IA #1	3290
Northern Natural	Granville IA #1	3291
Northern Natural	Griswold IA #1	3243
Northern Natural	Hamlin IA #1	3292
Northern Natural	Hampton IA #1	3293
Northern Natural	Hancock IA #1	3244
Northern Natural	Holstein IA #1	3294
Northern Natural	Hospers IA #1	3295
Northern Natural	Hudson IA #1	3296
Northern Natural	Hull IA #1	3297
Northern Natural	Humboldt IA #1	3298
Northern Natural	Ida Grove IA #1	3299
Northern Natural	Independence IA #1	3300
Northern Natural	Inwood IA #1	3301
Northern Natural	Irwin IA #1	3302
Northern Natural	Jamaica IA #1	3131
Northern Natural	Janesville IA #1	3303
Northern Natural	Janesville IA #1A	3695
Northern Natural	Jessup IA #1	3307
Northern Natural	Johnston IA #1	2778
Northern Natural	Kesley IA #1	3308
Northern Natural	Kimballton IA #1	3245
Northern Natural	Kingsley IA #1	3309
Northern Natural	Lake City IA #1	3310
Northern Natural	Latimer IA #1	3311
Northern Natural	Lawton IA #1	3312
Northern Natural	Lawton IA #2	3313
Northern Natural	Le Mars IA #1A	3314
Northern Natural	Linden IA #1	3252

Pipeline	Meter Name	Meter Number
Northern Natural	Logan IA #1	3246
Northern Natural	Lohrville IA #1	3315
Northern Natural	Lytton IA #1	3316
Northern Natural	Macedonia IA #1	3248
Northern Natural	Manson IA #1	3659
Northern Natural	Marcus IA #1	3317
Northern Natural	Marne IA #1	3249
Northern Natural	Marshalltown IA #1	2875
Northern Natural	Marshalltown IA #1A	3601
Northern Natural	Meriden IA #1	3318
Northern Natural	Merrill IA #1	3319
Northern Natural	Minburn IA #1	3250
Northern Natural	Minden IA #1	3251
Northern Natural	Mineola IA #1	3253
Northern Natural	Mingo IA #1	3254
Northern Natural	Missouri Valley IA #1	3255
Northern Natural	Missouri Valley IA #2	3256
Northern Natural	Mitchellville IA #1	3257
Northern Natural	Monroe IA #1	3258
Northern Natural	Monroe IA #2	3259
Northern Natural	Moville IA #1	3320
Northern Natural	Nashua IA #1	3322
Northern Natural	Neola IA #1	3260
Northern Natural	New Hartford IA #1	3324
Northern Natural	Newell IA #1	3323
Northern Natural	Newkirk IA #1	3325
Northern Natural	Oakland IA #1	3261
Northern Natural	Odebolt Grain Dryer	78018
Northern Natural	Odebolt IA #1	3326
Northern Natural	Otho IA #1	3663
Northern Natural	Panora IA #1	3262
Northern Natural	Parkersburg IA #1	3328
Northern Natural	Perry IA #1	3132
Northern Natural	Perry IA #2	3133
Northern Natural	Persia IA #1	3263
Northern Natural	Plainfield IA #1	3329
Northern Natural	Pleasant Hill IA #1	78195
Northern Natural	Polk City IA #1	3264
Northern Natural	Portsmouth IA #1	3265
Northern Natural	Prairie City IA #1	3266
Northern Natural	Quad Cities IA #1	62858
Northern Natural	Redfield IA #1	3267
Northern Natural	Rock Valley IA #1	3330

Pipeline	Meter Name	Meter Number
Northern Natural	Rockwell City IA #1	3332
Northern Natural	Rockwell City IA #1A	3333
Northern Natural	Rockwell IA #1	3331
Northern Natural	Ruthven IA #1	3334
Northern Natural	Salix IA #1	3335
Northern Natural	Salix IA #2	3336
Northern Natural	Salix IA #3	3337
Northern Natural	Schaller IA #1	3338
Northern Natural	Sergeant Bluff IA #1	3339
Northern Natural	Sheffield IA #1	3341
Northern Natural	Shelby IA #1	3268
Northern Natural	Sheldon IA #1	3342
Northern Natural	Shell Rock IA #1	3343
Northern Natural	Silver City IA #1	3269
Northern Natural	Sioux City IA #1A	518
Northern Natural	Sioux City IA #1C	2764
Northern Natural	Sloan IA #1	3345
Northern Natural	Stuart IA #1	3270
Northern Natural	Sutherland IA #1	3348
Northern Natural	Tama IA #1	2887
Northern Natural	Tea SD #1	57867
Northern Natural	Thor IA #1	3349
Northern Natural	Treynor IA #1	3271
Northern Natural	Underwood IA #1	3272
Northern Natural	Walnut IA #1	3273
Northern Natural	Washburn IA #1	3350
Northern Natural	Waterloo IA #1	1636
Northern Natural	Waterloo IA #1A	3351
Northern Natural	Waterloo IA #2	3352
Northern Natural	Waterloo IA #3	3357
Northern Natural	Waverly IA #1	3353
Northern Natural	Wesley IA #1	3134
Northern Natural	Whiting IA #1	3354
Northern Natural	Whiting IA #1	3354
Northern Natural	Yale IA #1	3135

Minnesota Energy Resources

Figure A2-67. Minnesota Energy Resources Service Territory¹⁶



¹⁶ Previously known as Northern Minnesota Utilities.

Table A2-105. MISO North/Central Generators Served by Minnesota Energy Resources

Generator	Capacity (MW)
Cascade Creek	88.9
Fairmont	39
Sappi Cloquet Mill	22

Table A2-106. Minnesota Energy Resources Citygate Meters

Pipeline	Meter Name	Meter Number
Great Lakes	Solway	293837
Great Lakes	Cloquet	11847
Great Lakes	Thief River Falls	11983
Great Lakes	Mayfield	295154
Great Lakes	Bemidji	11819
Great Lakes	Grace Lake	216502
Great Lakes	Deer River	48928
Great Lakes	Grand Rapids NMU	11903
Great Lakes	Floodwood	132784
Northern Natural	Zone E-F-MERC	#N/A
Northern Natural	Alden MN #1	3832
Northern Natural	Altura MN #1	52640
Northern Natural	Appleton MN #1	3833
Northern Natural	Aurora MN #1	3548
Northern Natural	Barnum MN #1	3549
Northern Natural	Biwabik MN #1	3550
Northern Natural	Blooming Prairie MN #1	3835
Northern Natural	Brewster MN #1	56194
Northern Natural	Brownsdale MN #1	3836
Northern Natural	Buhl MN #1	3551
Northern Natural	Byron MN #1	3837
Northern Natural	Caledonia MN #1	3839
Northern Natural	Cannon Falls MN #1	2843
Northern Natural	Canton MN #1	3840
Northern Natural	Carlton MN #1	3552
Northern Natural	Chatfield MN #1	3841
Northern Natural	Chisholm MN #1	3553
Northern Natural	Claremont MN #1	3842
Northern Natural	Cloquet MN #1	3554
Northern Natural	Coleraine MN #1	3555
Northern Natural	Cottonwood MN #1	3843
Northern Natural	Crosby MN #1	3556
Northern Natural	Deerwood MN #1	3558
Northern Natural	Dodge Center MN #1	3844
Northern Natural	Dover MN #1	3845

Pipeline	Meter Name	Meter Number
Northern Natural	Dunnell MN #1	3846
Northern Natural	Eagan MN #1	2855
Northern Natural	Eagan MN #1A	2856
Northern Natural	Eagan MN #1B	2857
Northern Natural	Eagan MN #6	25079
Northern Natural	Elgin MN #1	3847
Northern Natural	Ellendale MN #1	3848
Northern Natural	Emmons IA #1	12940
Northern Natural	Emmons MN #2	12941
Northern Natural	Empire Waste Water Treatment Plant	78409
Northern Natural	Eveleth MN #1	3559
Northern Natural	Eyota MN #1	3849
Northern Natural	Fairmont MN #1	2883
Northern Natural	Farmington MN #1	2858
Northern Natural	Farmington MN #1B	3851
Northern Natural	Farmington MN #1C	12942
Northern Natural	Finlayson MN #1	3852
Northern Natural	Fountain MN #1	56245
Northern Natural	Freeborn MN #1	56195
Northern Natural	Gilbert MN #1	3560
Northern Natural	Harmony MN #1	3853
Northern Natural	Harris MN #1	3854
Northern Natural	Hayfield MN #1	3855
Northern Natural	Hayward MN #1	3856
Northern Natural	Hermantown MN #1	25292
Northern Natural	Hinckley MN #1	3859
Northern Natural	Houston MN #1	3860
Northern Natural	Hoyt Lakes MN #1	3861
Northern Natural	Inland Steel #1	2248
Northern Natural	Ivanhoe MN #1	55888
Northern Natural	Jackson MN #1	3862
Northern Natural	Kasson MN #1	3863
Northern Natural	Keewatin MN #1	3562
Northern Natural	Kenyon MN #1	3865
Northern Natural	Kettle River MN #1	3564
Northern Natural	La Crescent MN #1	3866
Northern Natural	Lac Qui Parle Valley School MN #2	52787
Northern Natural	Lake Byllesby MN #1	52644
Northern Natural	Lakefield MN #1	3867
Northern Natural	Lakeville MN #1A	2844
Northern Natural	Lakeville MN #1B	78471
Northern Natural	Lamberton MN #1	3868
Northern Natural	Lanesboro MN #1	3869

Pipeline	Meter Name	Meter Number
Northern Natural	Lansing MN #1	3870
Northern Natural	Lewiston MN #1	3871
Northern Natural	Mabel MN #1	3872
Northern Natural	Madison MN #1	3873
Northern Natural	Marble MN #1	3565
Northern Natural	Moose Lake MN #1	3566
Northern Natural	Mora MN #1	3875
Northern Natural	Mora MN #1A	3876
Northern Natural	Mountain Iron MN #1	3567
Northern Natural	Mountain Iron MN #1A	3568
Northern Natural	Mountain Lake MN #1	2851
Northern Natural	Nashwauk MN #1	3569
Northern Natural	National Steel Pellet Co	2345
Northern Natural	New Market MN #1	3877
Northern Natural	New Richland MN #1	3878
Northern Natural	North Branch MN #1	3879
Northern Natural	Northrop MN #1	52641
Northern Natural	Oakland MN #1	3880
Northern Natural	Pengilly MN #1	3570
Northern Natural	Peterson MN #1	55892
Northern Natural	Pine City MN #1	3881
Northern Natural	Pine City MN #1A	3882
Northern Natural	Pine Island MN #1	2846
Northern Natural	Plainview MN #1	2845
Northern Natural	Preston MN #1	2847
Northern Natural	Proctor MN #1	3571
Northern Natural	Revere MN #1	3883
Northern Natural	Rochester MN #1B	2848
Northern Natural	Rochester MN #1D	62984
Northern Natural	Rosemount MN #1A	3885
Northern Natural	Rosemount MN #1C	2242
Northern Natural	Rosemount MN #4	17102
Northern Natural	Rush City MN #1	3886
Northern Natural	Rushford MN #1	3887
Northern Natural	Sanborn MN #1	3889
Northern Natural	Sandstone MN #1	3890
Northern Natural	Sherburn MN #1	3891
Northern Natural	Sherburn MN #2	12954
Northern Natural	Sherwood Forest MN	55891
Northern Natural	Shore Acres MN #1	57510
Northern Natural	Sil Laskin TBS	78363
Northern Natural	Silver Bay MN #1	3573
Northern Natural	Spring Grove MN #1	3892

Pipeline	Meter Name	Meter Number
Northern Natural	Spring Valley MN #1	3893
Northern Natural	Springlake MN	55644
Northern Natural	St Charles MN #1	3888
Northern Natural	Stewartville MN #1	3894
Northern Natural	Stewartville MN #2	3895
Northern Natural	Tracy MN #1	3896
Northern Natural	Trimont MN #1	3897
Northern Natural	Truman MN #1	3898
Northern Natural	Twin City Silica MN	22123
Northern Natural	Twin Lakes MN #1	3900
Northern Natural	Utica MN #1	3901
Northern Natural	Viola MN #1	3902
Northern Natural	Walnut Grove MN #1	3903
Northern Natural	Waltham MN #1	3904
Northern Natural	Wanamingo MN #1	2849
Northern Natural	Welcome MN #1	3905
Northern Natural	Wells MN #1	2852
Northern Natural	West Concord MN #1	3906
Northern Natural	Willow River MN #1	3907
Northern Natural	Wilpen MN #1	60592
Northern Natural	Windom MN #1	2853
Northern Natural	Worthington MN #1	2854
Northern Natural	Zumbrota MN #1	2850
Viking	Thief River Falls	11998
Viking	Ada	11975
Viking	Audubon	11816
Viking	Detroit Lakes	11818
Viking	Frazee	11977
Viking	Wadena	11982
Viking	Bertha	12027
Viking	Staples	12028
Viking	Camp Ripley	288038

Montana-Dakota Utilities (MDU Resources Group)

Figure A2-68. Montana-Dakota Utilities Service Territory

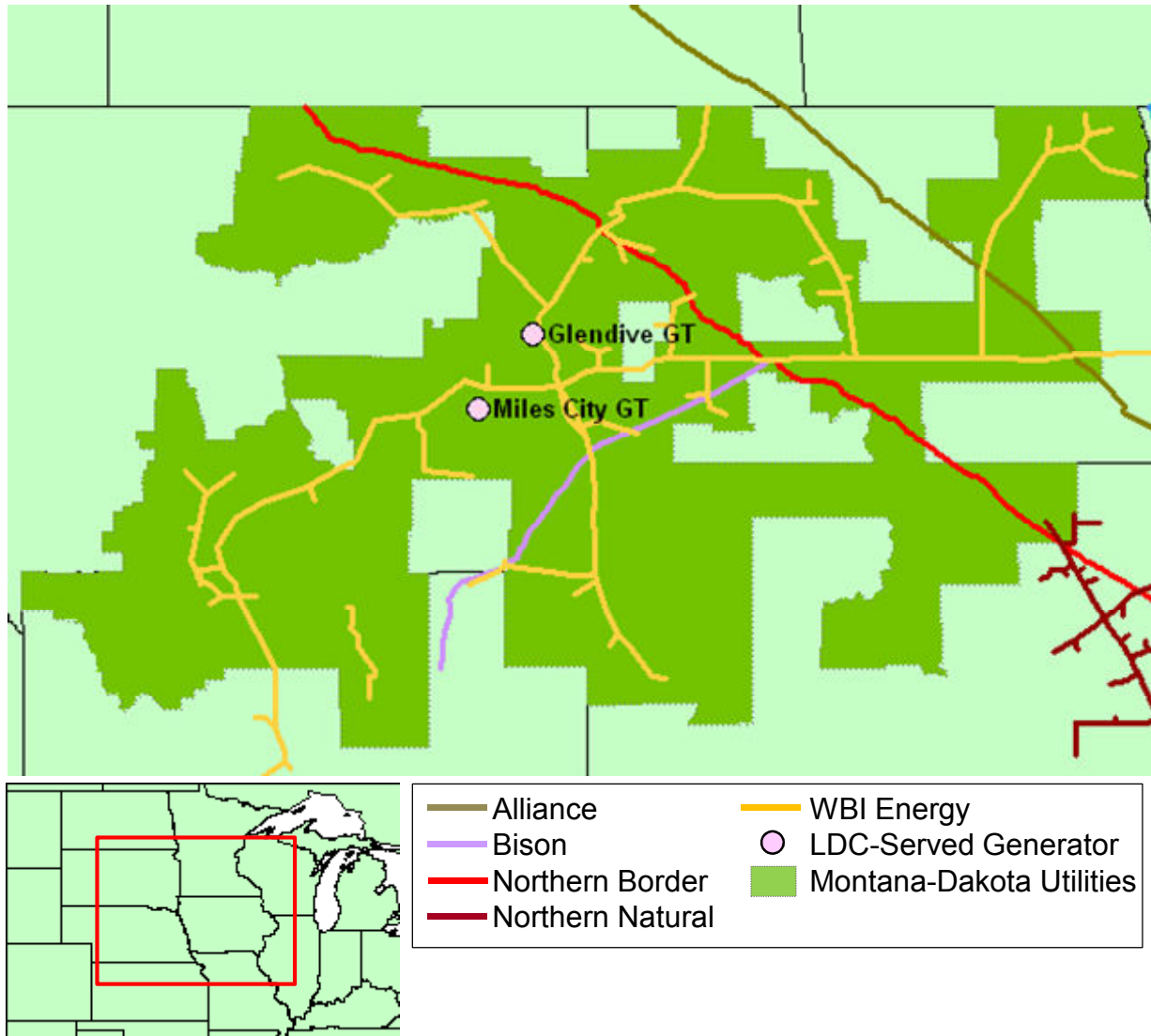


Table A2-107. MISO North/Central Generators Served by Montana-Dakota

Generator	Capacity (MW)
Glendive	75
Miles City	25

Table A2-108. Montana-Dakota Citygate Meters

Pipeline	Meter Name	Meter Number
Alliance	Hankinson (ND07)	HANSL
WBI Energy	MDU-Tran.Line(26)MTZ41	1012
WBI Energy	MDU-Tran.Line(26)MTZ39	1013
WBI Energy	MDU-Malta Border	1070
WBI Energy	MDU-Whitewater Border	1080
WBI Energy	MDU-Hinsdale Border	1120
WBI Energy	MDU-St. Marie Border	1130
WBI Energy	MDU-Glasgow Border	1140
WBI Energy	MDU-Fort Peck Border	1150
WBI Energy	MDU-Tran.Line(08)MTZ22	1155
WBI Energy	MDU-Nashua Border	1160
WBI Energy	MDU-Frazer Border	1170
WBI Energy	MDU-Wolf Point Border	1180
WBI Energy	MDU-Poplar Border	1190
WBI Energy	MDU-Tran.Line(09)MTZ22	1195
WBI Energy	MDU-Richey Border	1200
WBI Energy	MDU-Tran.Line(10)MTZ22	1205
WBI Energy	MDU-Glendive Border	1220
WBI Energy	MDU-Tran.Line(05)MTZ20	1245
WBI Energy	MDU-Savage Border	1250
WBI Energy	MDU-Sidney Lewis & Clark Stat.	1260
WBI Energy	MDU-Sidney Sidney Sugars	1270
WBI Energy	MDU-Sidney Border	1280
WBI Energy	MDU-Fairview Border	1300
WBI Energy	MDU-Watford City East Border	1312
WBI Energy	MDU-Watford City Border	1320
WBI Energy	MDU-Arnegard Border	1350
WBI Energy	MDU-Alexander Border	1360
WBI Energy	MDU-Trenton Border	1390
WBI Energy	MDU-Williston Border	1410
WBI Energy	MDU-Williston East Border	1431
WBI Energy	MDU-Williston Industrial Maste	1435
WBI Energy	MDU-Epping Border	1450
WBI Energy	MDU-Ray Border	1460
WBI Energy	MDU-Tioga Border	1470
WBI Energy	MDU-Lignite Border	1475
WBI Energy	MDU-Tran.Line(06)MTZ241	1479
WBI Energy	MDU-Tran.Line(06)MTZ212	1484
WBI Energy	MDU-Tran.Line(06)MTZ211	1485
WBI Energy	MDU-Tran.Line(06)NDZ25	1486
WBI Energy	MDU-Tran.Line(06)NDZ24	1488
WBI Energy	MDU-Tran.Line(25)NDZ263	1489

Pipeline	Meter Name	Meter Number
WBI Energy	MDU-White Earth Border	1490
WBI Energy	MDU-Tran.Line(06)NDZ241	1491
WBI Energy	MDU-Ross Border	1500
WBI Energy	MDU-Stanley Border	1510
WBI Energy	MDU-Palermo Border	1520
WBI Energy	MDU-Berthold Border	1530
WBI Energy	MDU-Des Lacs Border	1540
WBI Energy	MDU-Minot Border	1550
WBI Energy	MDU-Ruthville Border	1570
WBI Energy	MDU-Minot A.F.B.	1580
WBI Energy	MDU-Burlington Border	1600
WBI Energy	MDU-Prairie View Hgts Master	1610
WBI Energy	MDU-Max Border	1620
WBI Energy	MDU-Garrison Border	1630
WBI Energy	MDU-Turtle Lake Border	1640
WBI Energy	MDU-Underwood Border	1650
WBI Energy	MDU-Riverdale Border	1660
WBI Energy	MDU-Washburn Border	1670
WBI Energy	MDU-Wilton Border	1680
WBI Energy	MDU-Tran.Line(07)NDZ261	1685
WBI Energy	MDU-Tran.Line(07)NDZ262	1686
WBI Energy	MDU-Tran.Line(07)NDZ264	1689
WBI Energy	MDU-Apple Valley Border	1690
WBI Energy	MDU-Steele Border	1700
WBI Energy	MDU-Dawson Border	1710
WBI Energy	MDU-Tappen Border	1720
WBI Energy	MDU-Medina Border	1730
WBI Energy	MDU-Tran.Line(03)NDZ271	1735
WBI Energy	MDU-Cleveland Border	1740
WBI Energy	MDU-Windsor Staloch Farms	1745
WBI Energy	MDU-Jamestown Border	1760
WBI Energy	MDU-Eldridge Klose Elevator	1761
WBI Energy	MDU-Jamestown Gaviion Grain	1762
WBI Energy	MDU-Jamestown ND State Hosp	1765
WBI Energy	MDU-Spiritwood Ladish Malting	1770
WBI Energy	MDU-Sanborn Border	1780
WBI Energy	MDU-Valley City Peavey Master	1789
WBI Energy	MDU-Valley City Border	1790
WBI Energy	MDU-Tran.Line(24)NDZ272	1791
WBI Energy	MDU-Carrington Border	1800
WBI Energy	MDU-New Rockford Border	1810
WBI Energy	MDU-Barlow Barlow Elevator	1811
WBI Energy	MDU-Sheyenne Border	1820

Pipeline	Meter Name	Meter Number
WBI Energy	MDU-Fort Totten Border	1830
WBI Energy	MDU-Devils Lake Border	1840
WBI Energy	MDU-M.S.R.	1850
WBI Energy	MDU-Langdon Border	1860
WBI Energy	MDU-Park River Border	1870
WBI Energy	MDU-Grafton Border	1880
WBI Energy	MDU-P.A.R. Housing	1889
WBI Energy	MDU-P.A.R. Turbine	1890
WBI Energy	MDU-Walhalla Border	1910
WBI Energy	MDU-Cavalier Border	1930
WBI Energy	MDU-Tran.Line(04)NDZ273	1935
WBI Energy	MDU-Harmon Farms	1939
WBI Energy	MDU-Bismarck Border	1960
WBI Energy	MDU-Mandan Border	1970
WBI Energy	MDU-Mandan Tesoro Refinery	2000
WBI Energy	MDU-New Salem Border	2010
WBI Energy	MDU-Glen Ullin Border	2020
WBI Energy	MDU-Hebron Border	2030
WBI Energy	MDU-Richardton Border	2040
WBI Energy	MDU-Taylor Border	2050
WBI Energy	MDU-Mott Border	2060
WBI Energy	MDU-Regent Border	2070
WBI Energy	MDU-New England Border	2080
WBI Energy	MDU-Lefor Border	2090
WBI Energy	MDU-Gladstone Border	2100
WBI Energy	MDU-Tran.Line(02)NDZ311	2114
WBI Energy	MDU-Tran.Line(02)NDZ31	2115
WBI Energy	MDU-Tran.Line(02)NDZ28	2116
WBI Energy	MDU-Dickinson Border	2120
WBI Energy	MDU-South Heart Border	2130
WBI Energy	MDU-South Heart GTL Energy	2134
WBI Energy	MDU-Killdeer Border	2140
WBI Energy	MDU-Belfield Border	2150
WBI Energy	MDU-Sentinel Butte Border	2160
WBI Energy	MDU-Beach Border	2170
WBI Energy	MDU-Golva Border	2180
WBI Energy	MDU-Wibaux Border	2185
WBI Energy	MDU-Tran.Line(01)MTZ32	2187
WBI Energy	MDU-Tran.Line(01)NDZ32	2188
WBI Energy	MDU-Tran.Line(01)NDZ31	2189
WBI Energy	MDU-Worland Wyoming Sugar	3520
WBI Energy	MDU-Tran.Line(19)WYZ3	3524
WBI Energy	MDU-Greybull WyoBen	3560

Pipeline	Meter Name	Meter Number
WBI Energy	MDU-Himes Georgia Pacific	3570
WBI Energy	MDU-Tran.Line(20)WYZ4	3575
WBI Energy	MDU-Lovell Border	3580
WBI Energy	MDU-Lovell Western Sugar	3590
WBI Energy	MDU-Lovell WyoBen	3595
WBI Energy	MDU-Cowley Border	3600
WBI Energy	MDU-Powell Border	3640
WBI Energy	MDU-Tran.Line(21)WYZ6	3685
WBI Energy	MDU-Tran.Line(21)WYZ7	3686
WBI Energy	MDU-Belfry Border	3690
WBI Energy	MDU-Bridger Border	3700
WBI Energy	MDU-Fromberg Border	3710
WBI Energy	MDU-Edgar Border	3720
WBI Energy	MDU-Joliet Border	3730
WBI Energy	MDU-Silesia Border	3740
WBI Energy	MDU-Rockvale Border	3750
WBI Energy	MDU-Krug Master	3753
WBI Energy	MDU-Slaughterhouse Road Master	3755
WBI Energy	MDU-Laurel CHS Refinery	3770
WBI Energy	MDU-Laurel Border	3780
WBI Energy	MDU-Billings Border	3820
WBI Energy	MDU-Billings JTL Group Inc.	3871
WBI Energy	MDU-Tran.Line(22)MTZ10	3875
WBI Energy	MDU-Tran.Line(22)MTZ11	3876
WBI Energy	MDU-Tran.Line(22)MTZ12	3877
WBI Energy	MDU-Tran.Line(22)MTZ13	3878
WBI Energy	MDU-Crow Agency Border	3880
WBI Energy	MDU-Tran.Line(17)MTZ152	3883
WBI Energy	MDU-Pryor Border	3890
WBI Energy	MDU-Hardin Industrial	3895
WBI Energy	MDU-Hardin Border	3900
WBI Energy	MDU-Tran.Line(18)MTZ142	3901
WBI Energy	MDU-Tran.Line(18)MTZ14	3903
WBI Energy	MDU-Tran.Line(18)WYZ141	3904
WBI Energy	MDU-Tran.Line(18)MTZ151	3906
WBI Energy	MDU-Forsyth Border	3910
WBI Energy	MDU-Rosebud Border	3920
WBI Energy	MDU-Tran.Line(17)MTZ15	3925
WBI Energy	MDU-Miles City Border	3930
WBI Energy	MDU-Terry Border	3960
WBI Energy	MDU-Ismay Border	3970
WBI Energy	MDU-Tran.Line(16)MTZ16	3980
WBI Energy	MDU-Baker Border	5110

Pipeline	Meter Name	Meter Number
WBI Energy	MDU-Field Line(11)MTZ19	5114
WBI Energy	MDU-Tran.Line(11)MTZ18	5115
WBI Energy	MDU-Field Line(11)MTZ191	5116
WBI Energy	MDU-Marmarth Border	5120
WBI Energy	MDU-Rhame Border	5130
WBI Energy	MDU-Bowman Border	5150
WBI Energy	MDU-Field Line(12)MTZ18	5153
WBI Energy	MDU-Tran.Line(12)NDZ34	5156
WBI Energy	MDU-Encore Master	5157
WBI Energy	MDU-Camp Crook Border	5170
WBI Energy	MDU-Tran.Line(13)SDZ36	5175
WBI Energy	MDU-Belle Creek Field	5190
WBI Energy	MDU-Tran.Line(14)MTZ17	5195
WBI Energy	MDU-Colony Am. Col. West	5200
WBI Energy	MDU-Colony Bentonite Corp.	5204
WBI Energy	MDU-Belle Fourche Am. Col.	5210
WBI Energy	MDU-Belle Fourche New Gen Feed	5215
WBI Energy	MDU-Belle Fourche Border	5220
WBI Energy	MDU-Spearfish Border	5230
WBI Energy	MDU-St. Onge Border	5250
WBI Energy	MDU-Spearfish Centen. Quarry	5255
WBI Energy	MDU-Deadwood Border	5260
WBI Energy	MDU-Lead Border	5270
WBI Energy	MDU-Whitewood Border	5280
WBI Energy	MDU-Whitewood Wheeler	5290
WBI Energy	MDU-Skelly Master	5300
WBI Energy	MDU-Sturgis Border	5310
WBI Energy	MDU-Pine Acres Master	5320
WBI Energy	MDU-Fort Meade Housing	5330
WBI Energy	MDU-Fort Meade Hospital	5340
WBI Energy	MDU-Black Hawk Border	5370
WBI Energy	MDU-Rapid City Dacotah Cement	5430
WBI Energy	MDU-Rapid City Pete Lien	5433
WBI Energy	MDU-Rapid City Border	5450
WBI Energy	MDU-Tran.Line(15)WYZ37	5515
WBI Energy	MDU-Tran.Line(15)SDZ37	5516
WBI Energy	MDU-Kaycee Border	5520
WBI Energy	MDU-Buffalo Border	5530
WBI Energy	MDU-Sheridan Border	5540
WBI Energy	MDU-Tran.Line(23)WYZ91	5545
WBI Energy	MDU-Tran.Line(23)WYZ8	5546

Northern Indiana Public Service

Figure A2-69. Northern Indiana Public Service Service Territory

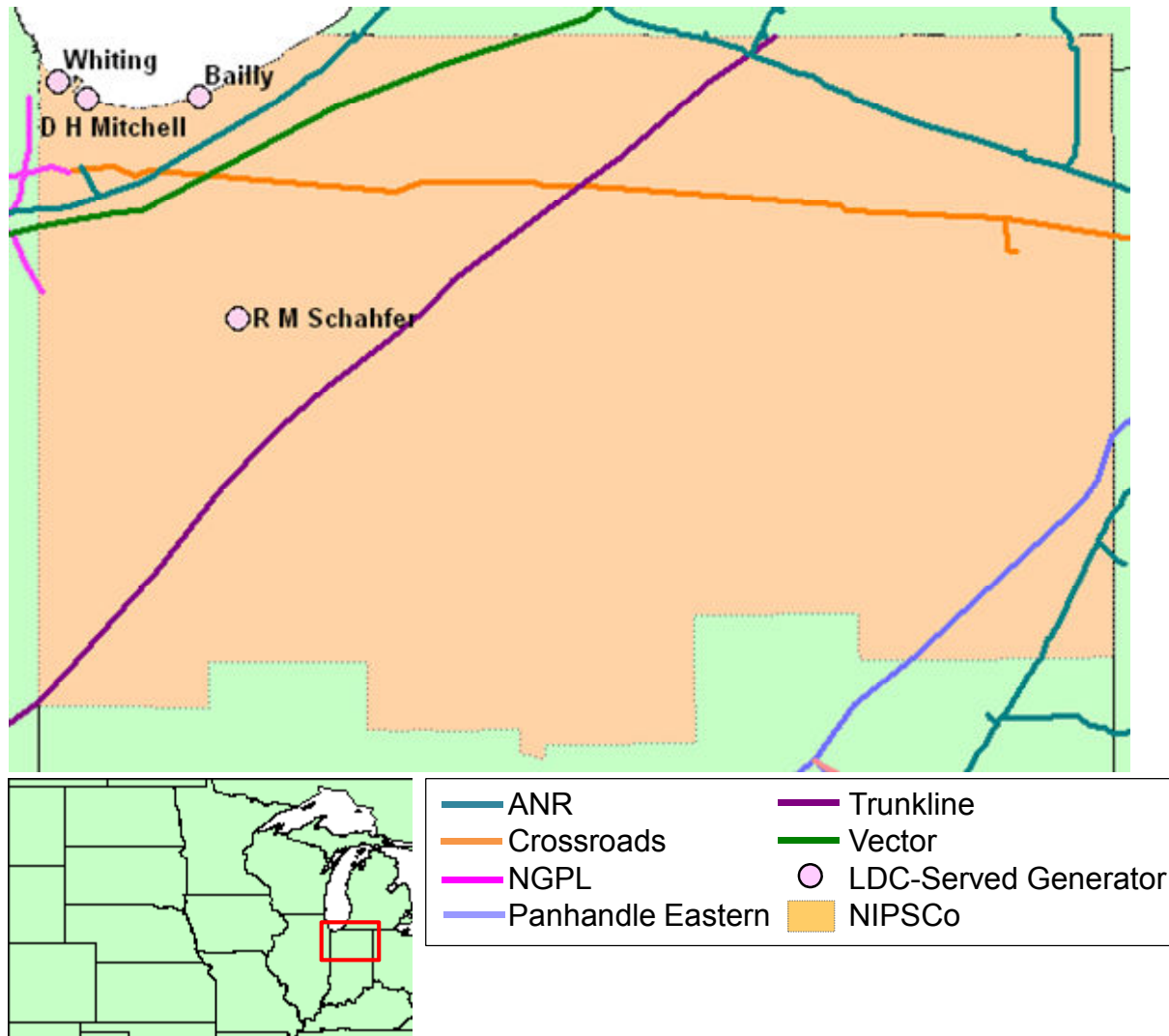


Table A2-109. MISO North/Central Generators Served by Northern Indiana Public Service

Generator	Capacity (MW)
Bailly	31
D H Mitchell	17
R M Schahfer	155
Whiting Clean Energy	525

Table A2-110. Northern Indiana Public Service Citygate Meters

Pipeline	Meter Name	Meter Number
ANR	NIPSCO - Group 1	139235
ANR	NIPSCO - Group 2	139366
ANR	NIPSCO - Group 3	139385
Crossroads	Griffith	736903
Crossroads	Butler	736908
Midwestern	Sugar Creek	322225
NGPL	NIPSCO / NGPL Hegewisch Cook	4186
NGPL	NIPSCO / NGPL Lansing Cook	4187
NGPL	NIPSCO / NGPL 134th St Cook	4189
NGPL	NIPSCO / NGPL North Hayden Kankakee	900130
NGPL	NIPSCO / NGPL 112th St Cook	904193
NGPL	NIPSCO / NGPL CDP	909260
Panhandle Eastern	NIPSCO	NIPS
Trunkline	Northern Indiana Public Service	TRKNI
Vector	Crown Point	285077
Vector	La Porte	287417

Owatonna Public Utilities (Municipal)

Figure A2-70. Owatonna Public Utilities Service Territory

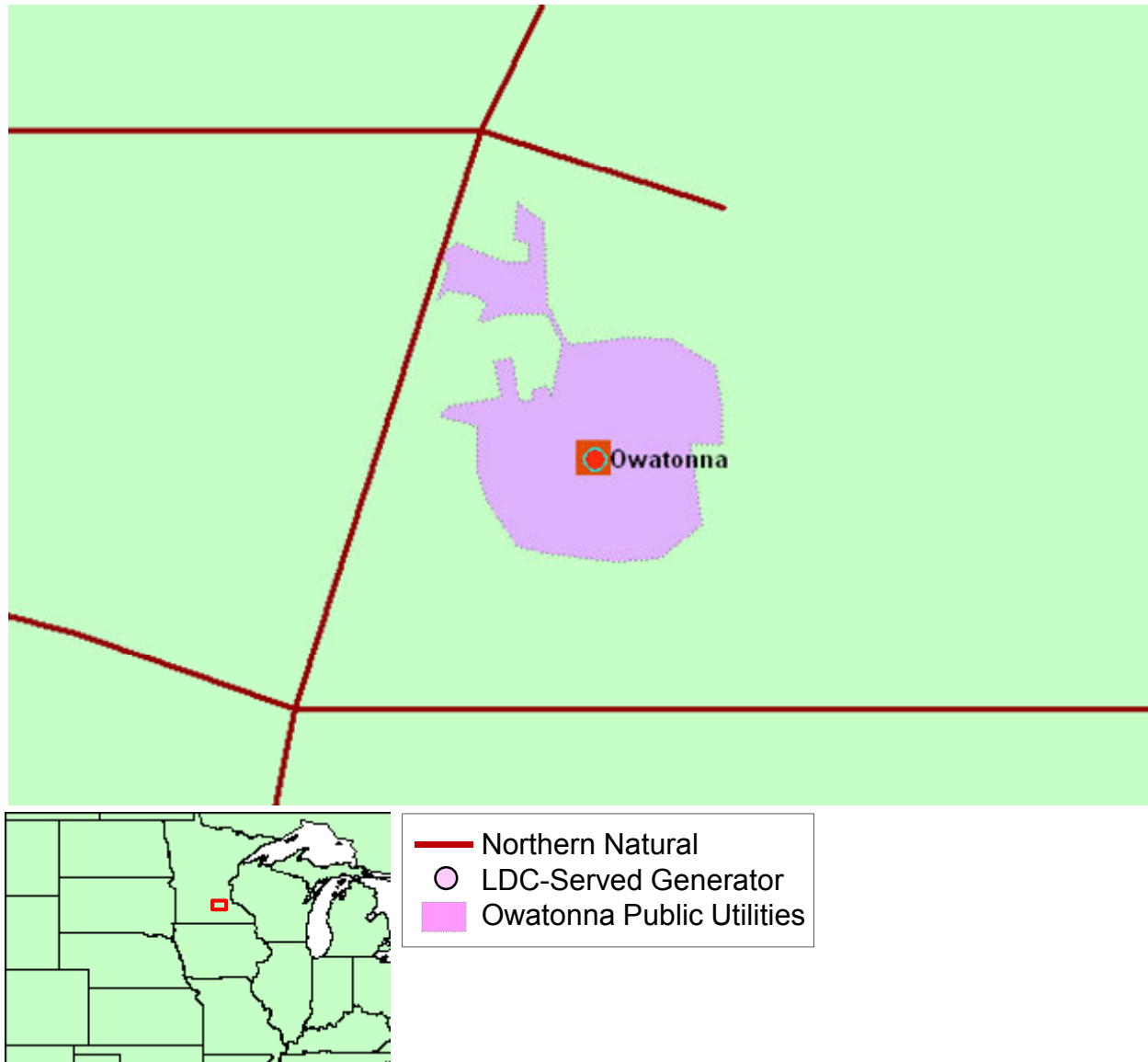


Table A2-111. MISO North/Central Generators Served by Owatonna Public Utilities

Generator	Capacity (MW)
Owatonna	20

Table A2-112. Owatonna Public Utilities Citygate Meters

Pipeline	Meter Name	Meter Number
Northern Natural	Zone E-F-Owatonna	#N/A
Northern Natural	Owatonna MN #1	4081
Northern Natural	Owatonna MN #1A	26073

SEMCO Energy Gas

Figure A2-71. SEMCO Gas Service Territory

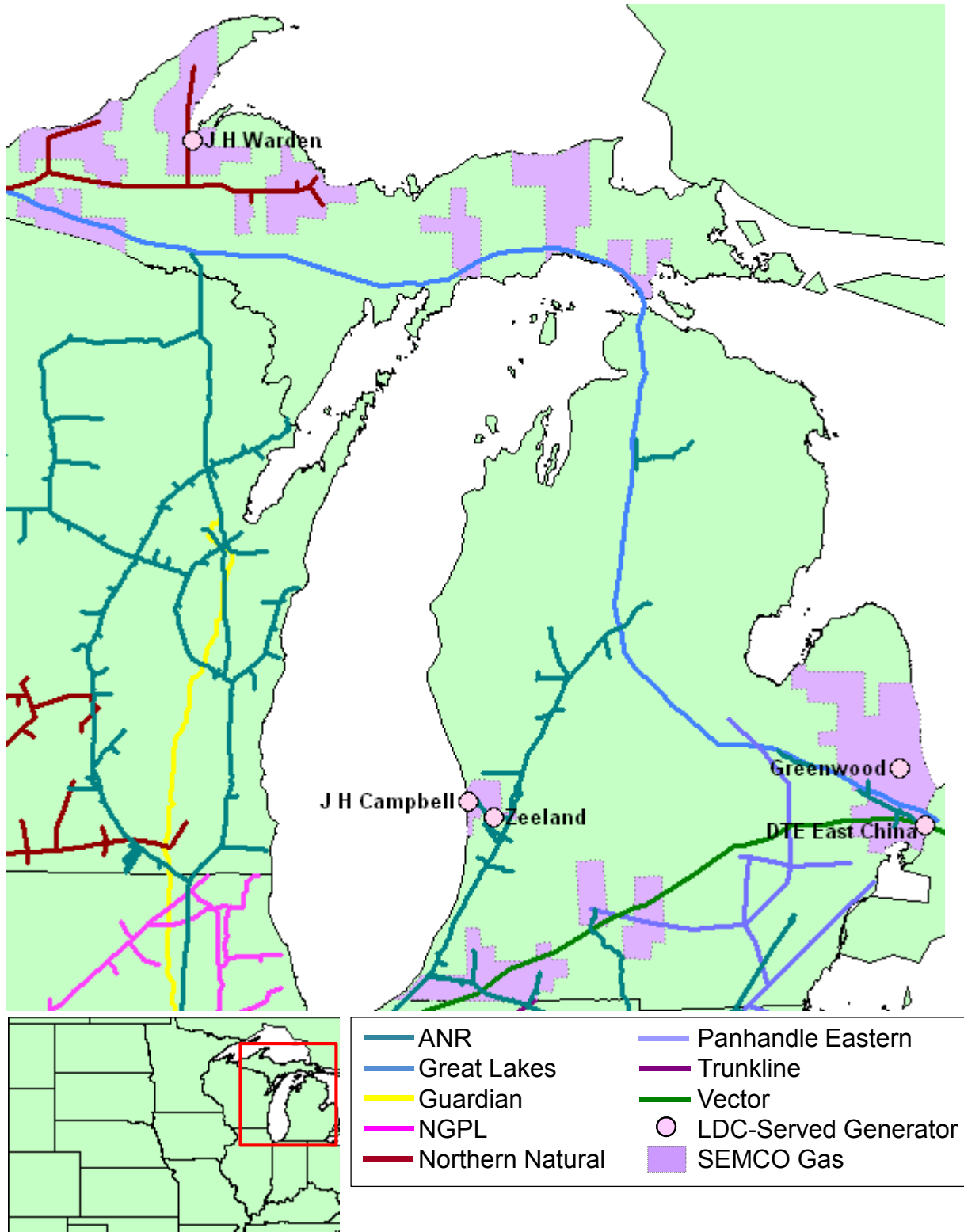


Table A2-113. MISO North/Central Generators Served by SEMCO Gas

Generator	Capacity (MW)
DTE East China	384
Greenwood	1,064
J H Campbell	21
J H Warden	18
Zeeland	1,247

Table A2-114. SEMCO Gas Citygate Meters¹⁷

Pipeline	Meter Name	Meter Number
ANR	SEM Gas - Grp 1	139249
Great Lakes	St. Ignace	11691
Great Lakes	Engadine	40860
Great Lakes	Manistique	11786
Great Lakes	Watersmeet	169660
Great Lakes	Bauman	132789
Great Lakes	China Township	293839
Northern Natural	Zone E-F-SEMCO	#N/A
Northern Natural	Baraga MI #1	3732
Northern Natural	Bruce Crossing MI #1	25289
Northern Natural	Calumet MI #1	4076
Northern Natural	Chassel MI #1	3733
Northern Natural	Hancock MI #1	3734
Northern Natural	Hancock MI #2	3735
Northern Natural	Houghton MI #1	3190
Northern Natural	Ishpeming MI #1	3736
Northern Natural	Lake Linden MI #1	4078
Northern Natural	Lanse MI #1	2771
Northern Natural	Marquette MI #1	2772
Northern Natural	Marquette MI #1A	2773
Northern Natural	Marquette MI #1B	25290
Northern Natural	Negaunee MI #1	3737
Northern Natural	Ontonagon MI #1	3191
Northern Natural	Palmer MI #1	3738
Northern Natural	Silver City MI #1	3739
Northern Natural	White Pine Copper	3740
Panhandle Eastern	SEMCO Energy Db a SEMCO Energy Gas	SEMIC

¹⁷ SEMCO Gas also receives gas via the DTE Gas distribution system.

Terrebonne Parish (Municipal)

Figure A2-72. Terrebonne Parish Service Territory

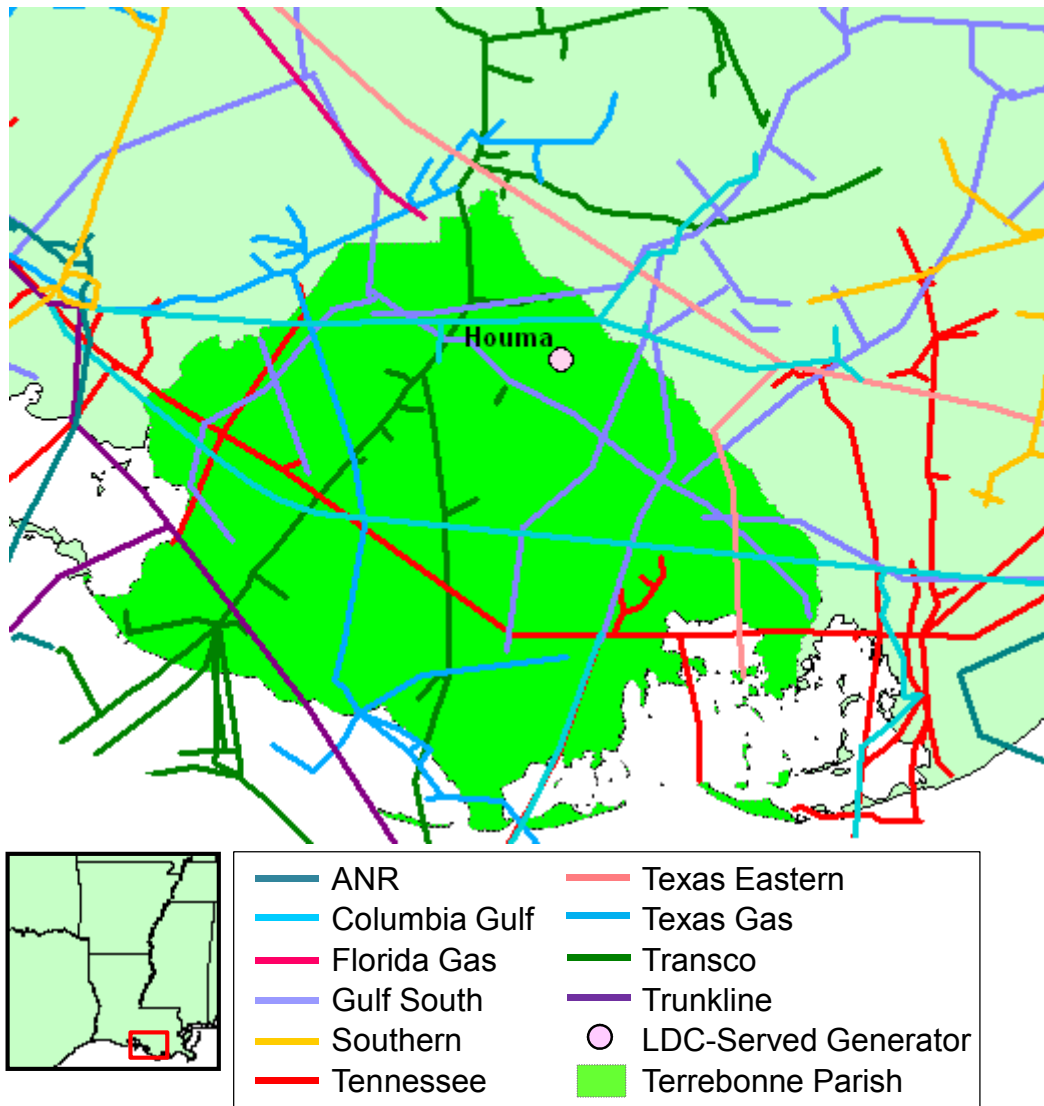


Table A2-115. MISO South Generators Served by Terrebonne Parish

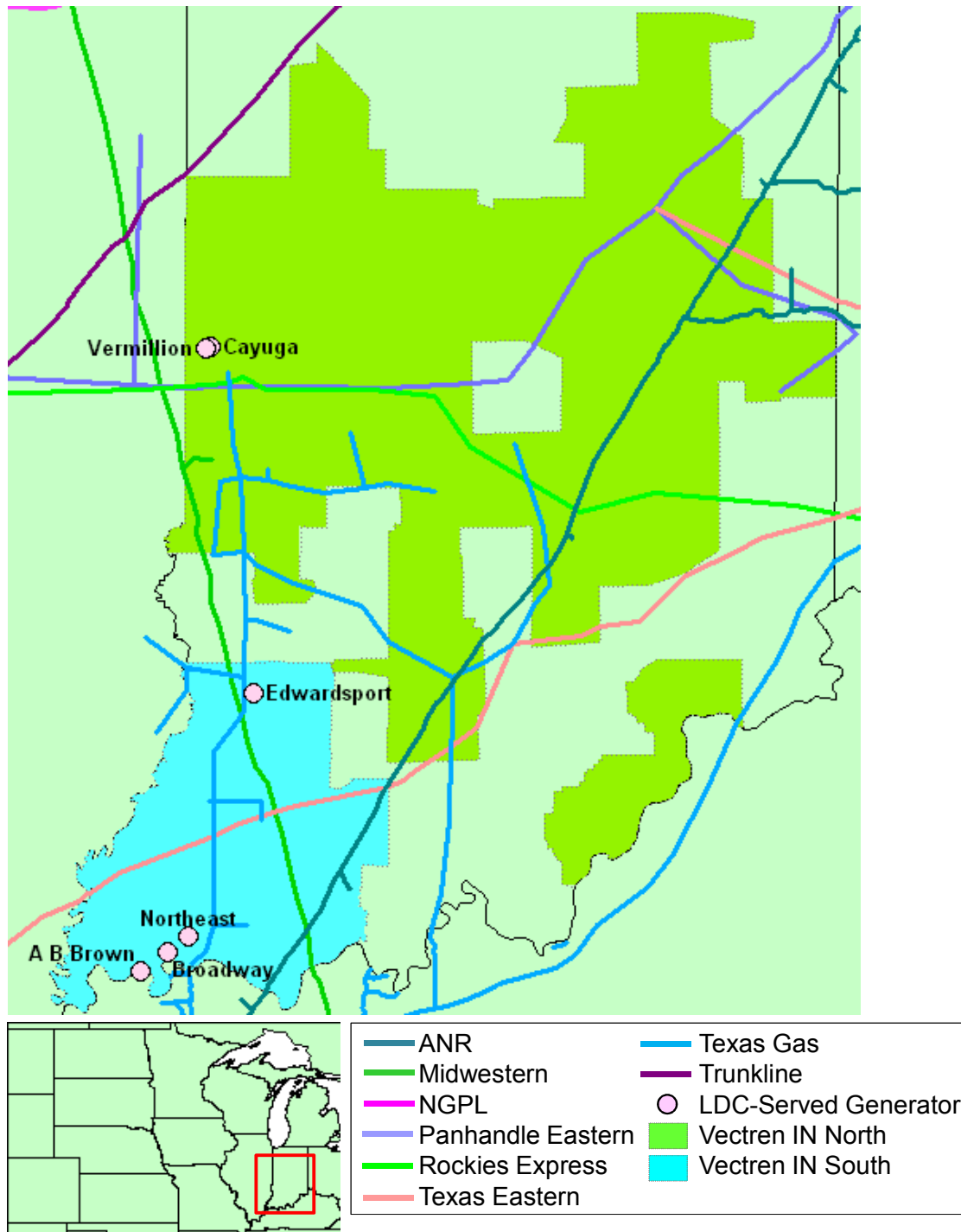
Generator	Capacity (MW)
Houma	77

Table A2-116. Terrebonne Parish Citygate Meters

Pipeline	Meter Name	Meter Number
Gulf South	Terrebonne Consold Govt Aggregate	022562

Vectren Energy Delivery of Indiana

Figure A2-73. Vectren Indiana Gas Service Territory¹⁸



¹⁸ Vectren Energy Delivery of Indiana (North) is the former service territory of the Indiana Gas Company. Vectren Energy Delivery of Indiana (South) is the former service territory of the Southern Indiana Gas and Electric Company.

Table A2-117. MISO North/Central Generators Served by Vectren Indiana

System	Generator	Capacity (MW)
South	A B Brown	174
South	Broadway	135
North	Cayuga	120
South	Edwardsport	795
South	Northeast	24
North	Vermillion	720

Table A2-118. Vectren Indiana Citygate Meters

System	Pipeline	Meter Name	Meter Number
North	ANR	Indiana Gs-Grp 1	139240
North	Panhandle Eastern	Indiana Gas - Cayuga	02825
North	Rockies Express	Vec IN/REX Decatur	44590
North	Texas Eastern	Indiana Gas - Greensburg, IN	70017
North	Texas Eastern	Indiana Gas - Seymour, IN	70018
North	Texas Eastern	Indiana Gas Co. - Westport, IN	70940
North	Texas Gas	Indiana Gas SLM Deduct	1558
North	Texas Gas	Indiana Gas HAB Deduct	1559
North	Texas Gas	Ind Gas (OPRL) Shipper De	1702
South	Midwestern	Sigeco	153635
South	Midwestern	Ohio Valley Hub	305591
South	Texas Eastern	S.I.G. & Elec -FT. Branch, IN	70539
South	Texas Eastern	SO. Ind. Gas & El. -Posey, IN	72648
South	Texas Gas	SIGECO South Deduct	1808
South	Texas Gas	SLIGO North Deduct	1809
South	Texas Gas	Vectren - Dogtown	9540

We Energies (Wisconsin Energy Corporation)

Figure A2-74. We Energies Service Territory

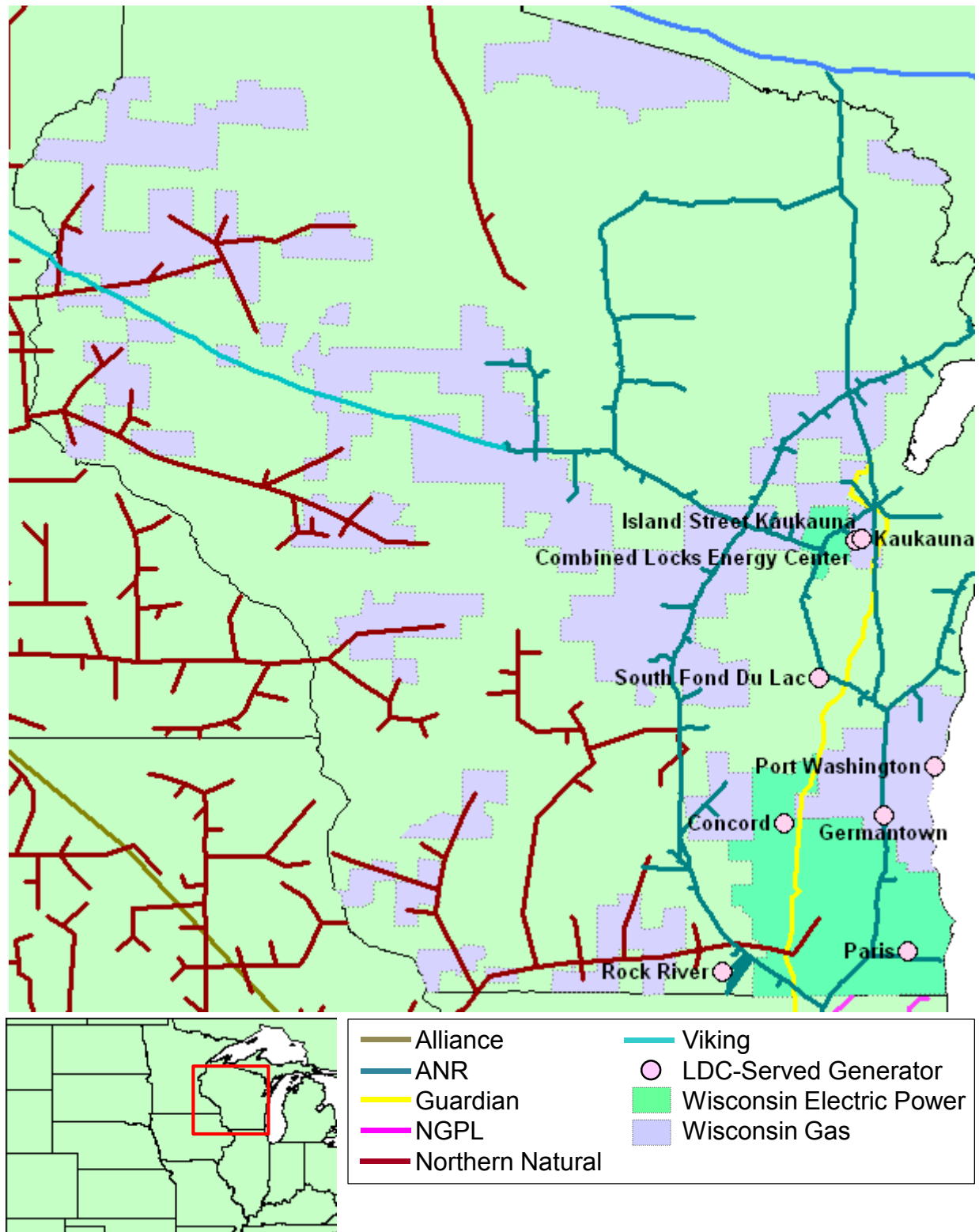


Table A2-119. MISO North/Central Generators Served by We Energies

System	Generator	Capacity (MW)
Wisconsin Electric Power	Concord	400
Wisconsin Electric Power	Paris	400
Wisconsin Electric Power	South Fond Du Lac	352
Wisconsin Gas	Combined Locks Energy Center	48
Wisconsin Gas	Germantown	93
Wisconsin Gas	Island St. Kaukauna	61
Wisconsin Gas	Kaukauna	16
Wisconsin Gas	Port Washington	1,231
Wisconsin Gas	Rock River	160

Table A2-120. We Energies Citygate Meters

System	Pipeline	Meter Name	Meter Number
Wisconsin Electric Power	ANR	Wisc EPC-Grp 1	139256
Wisconsin Electric Power	Great Lakes	Duck Creek	245609
Wisconsin Electric Power	Guardian	Walworth	359493
Wisconsin Electric Power	Guardian	Rockvale	359488
Wisconsin Electric Power	NGPL	Wisc Ele / NGPL Genoa City #2 Mc Henr	900007
Wisconsin Electric Power	NGPL	Wisc Ele / NGPL Genoa City #1 Mc Henr	900008
Wisconsin Electric Power	NGPL	Wisc Ele / NGPL Kenosha	907112
Wisconsin Electric Power	NGPL	Wisc Ele / NGPL CDP	909294
Wisconsin Electric Power	Northern Natural	Zone D-Wisconsin Electric Power	#N/A
Wisconsin Electric Power	Northern Natural	Bluff Creek - NNG - Wisconsin Elect	#N/A
Wisconsin Electric Power	Northern Natural	Lima Gate WI	5533
Wisconsin Electric Power	Northern Natural	Whitewater WI #1 (Reliance Road)	78608
Wisconsin Gas	ANR	Wisc Gas-Grp 1	139255
Wisconsin Gas	Guardian	Bluff Creek WG	359490
Wisconsin Gas	Guardian	Ixonia	379832
Wisconsin Gas	Guardian	Rubicon	778098
Wisconsin Gas	Guardian	Fox Valley	778102
Wisconsin Gas	Northern Natural	Zone D-Wisconsin Gas	#N/A
Wisconsin Gas	Northern Natural	Zone E-F-Wisconsin Gas	#N/A
Wisconsin Gas	Northern Natural	Albany WI #1	3948
Wisconsin Gas	Northern Natural	Almena WI #1	3949
Wisconsin Gas	Northern Natural	Almena WI #1A	3950
Wisconsin Gas	Northern Natural	Amery WI #1	3951
Wisconsin Gas	Northern Natural	Arkansaw WI #1	3952
Wisconsin Gas	Northern Natural	Augusta WI #1	3953
Wisconsin Gas	Northern Natural	Avoca (Muscado) TBS #1	57848
Wisconsin Gas	Northern Natural	Baldwin WI #1	3954
Wisconsin Gas	Northern Natural	Balsam Lake WI #1	3955
Wisconsin Gas	Northern Natural	Bangor WI #1	3956

System	Pipeline	Meter Name	Meter Number
Wisconsin Gas	Northern Natural	Barron WI #1	3958
Wisconsin Gas	Northern Natural	Belleville WI #1	3959
Wisconsin Gas	Northern Natural	Black River Falls Master Meter	71439
Wisconsin Gas	Northern Natural	Black River Falls WI #1	3960
Wisconsin Gas	Northern Natural	Black River Falls WI #3	59196
Wisconsin Gas	Northern Natural	Black River Falls WI #4	25288
Wisconsin Gas	Northern Natural	Blair WI #1	3963
Wisconsin Gas	Northern Natural	Bloomer WI #1	3964
Wisconsin Gas	Northern Natural	Boscobel WI #1	3965
Wisconsin Gas	Northern Natural	Brodhead WI #1	3966
Wisconsin Gas	Northern Natural	Browntown WI #1	3967
Wisconsin Gas	Northern Natural	Bruce WI #1	3968
Wisconsin Gas	Northern Natural	Bruce WI #2	3969
Wisconsin Gas	Northern Natural	Cameron WI #1	3971
Wisconsin Gas	Northern Natural	Cashton WI #1	3972
Wisconsin Gas	Northern Natural	Centuria WI #1	3973
Wisconsin Gas	Northern Natural	Chetek WI #1	3974
Wisconsin Gas	Northern Natural	Clayton WI #1	3975
Wisconsin Gas	Northern Natural	Clear Lake WI #1	3976
Wisconsin Gas	Northern Natural	Cuba City WI #1	3977
Wisconsin Gas	Northern Natural	Cumberland WI #1	3980
Wisconsin Gas	Northern Natural	Dickeyville(Cuba City) TBS #1A	57849
Wisconsin Gas	Northern Natural	Durand WI #1	3981
Wisconsin Gas	Northern Natural	Ellsworth WI #1	3982
Wisconsin Gas	Northern Natural	Elmwood WI #1	3983
Wisconsin Gas	Northern Natural	Evansville WI #1	3984
Wisconsin Gas	Northern Natural	Fennimore WI #1	3985
Wisconsin Gas	Northern Natural	Frederic Master Meter	71255
Wisconsin Gas	Northern Natural	Frederic WI #1	3987
Wisconsin Gas	Northern Natural	Ft. Mccoy WI #2	60697
Wisconsin Gas	Northern Natural	Grantsburg WI #1	56191
Wisconsin Gas	Northern Natural	Hager City WI #1	3362
Wisconsin Gas	Northern Natural	Hixton WI #1	3988
Wisconsin Gas	Northern Natural	Ladysmith Master Meter	71254
Wisconsin Gas	Northern Natural	Ladysmith WI #1	3991
Wisconsin Gas	Northern Natural	Lancaster WI #1	3990
Wisconsin Gas	Northern Natural	Luck WI #1	3992
Wisconsin Gas	Northern Natural	Milltown WI #1	3993
Wisconsin Gas	Northern Natural	Monroe Master Meter	71419
Wisconsin Gas	Northern Natural	Monroe WI #1	1750
Wisconsin Gas	Northern Natural	Monticello WI #1	3997
Wisconsin Gas	Northern Natural	Mount Hope WI #1	61875
Wisconsin Gas	Northern Natural	Muscoda WI #1	3998

System	Pipeline	Meter Name	Meter Number
Wisconsin Gas	Northern Natural	New Auburn WI #1	3999
Wisconsin Gas	Northern Natural	New Glarus WI #1	4000
Wisconsin Gas	Northern Natural	Osceola WI #1	4001
Wisconsin Gas	Northern Natural	Osseo WI #1	4002
Wisconsin Gas	Northern Natural	Pigeon Falls WI #1	4003
Wisconsin Gas	Northern Natural	Plum City WI #1	4004
Wisconsin Gas	Northern Natural	Rice Lake WI #1	4005
Wisconsin Gas	Northern Natural	Richland Center Master Meter	78170
Wisconsin Gas	Northern Natural	Richland Cntr WI #1	4007
Wisconsin Gas	Northern Natural	Shullsburg WI #1	4015
Wisconsin Gas	Northern Natural	Sparta WI #1	4017
Wisconsin Gas	Northern Natural	Spring Valley WI #1	4018
Wisconsin Gas	Northern Natural	Spring Valley WI #2	57851
Wisconsin Gas	Northern Natural	St Croix Falls WI #1	4013
Wisconsin Gas	Northern Natural	Star Prairie WI #1	4019
Wisconsin Gas	Northern Natural	Taylor WI #1	4020
Wisconsin Gas	Northern Natural	Tomah Master Meter	71253
Wisconsin Gas	Northern Natural	Tomah WI #1	4021
Wisconsin Gas	Northern Natural	Tunnel City WI #1	4022
Wisconsin Gas	Northern Natural	Turtle Lake WI #1	4008
Wisconsin Gas	Northern Natural	West Salem WI #1	4009
Wisconsin Gas	Northern Natural	Weyerhauser #1	4010
Wisconsin Gas	Northern Natural	Wisconsin Gas/NNG-Walworth (Bluff C	#N/A
Wisconsin Gas	Viking	Dresser	28789
Wisconsin Gas	Viking	Blackbrook	288050
Wisconsin Gas	Viking	Boyceville	28689
Wisconsin Gas	Viking	Wheeler	362793
Wisconsin Gas	Viking	South Colfax	28692
Wisconsin Gas	Viking	Cadott	28694
Wisconsin Gas	Viking	Greenwood	28667
Wisconsin Gas	Viking	Chili	288047
Wisconsin Gas	Viking	Wisc Gas Marshfield	288051

Wisconsin Public Service Corporation

Figure A2-75. Wisconsin Public Service Service Territory

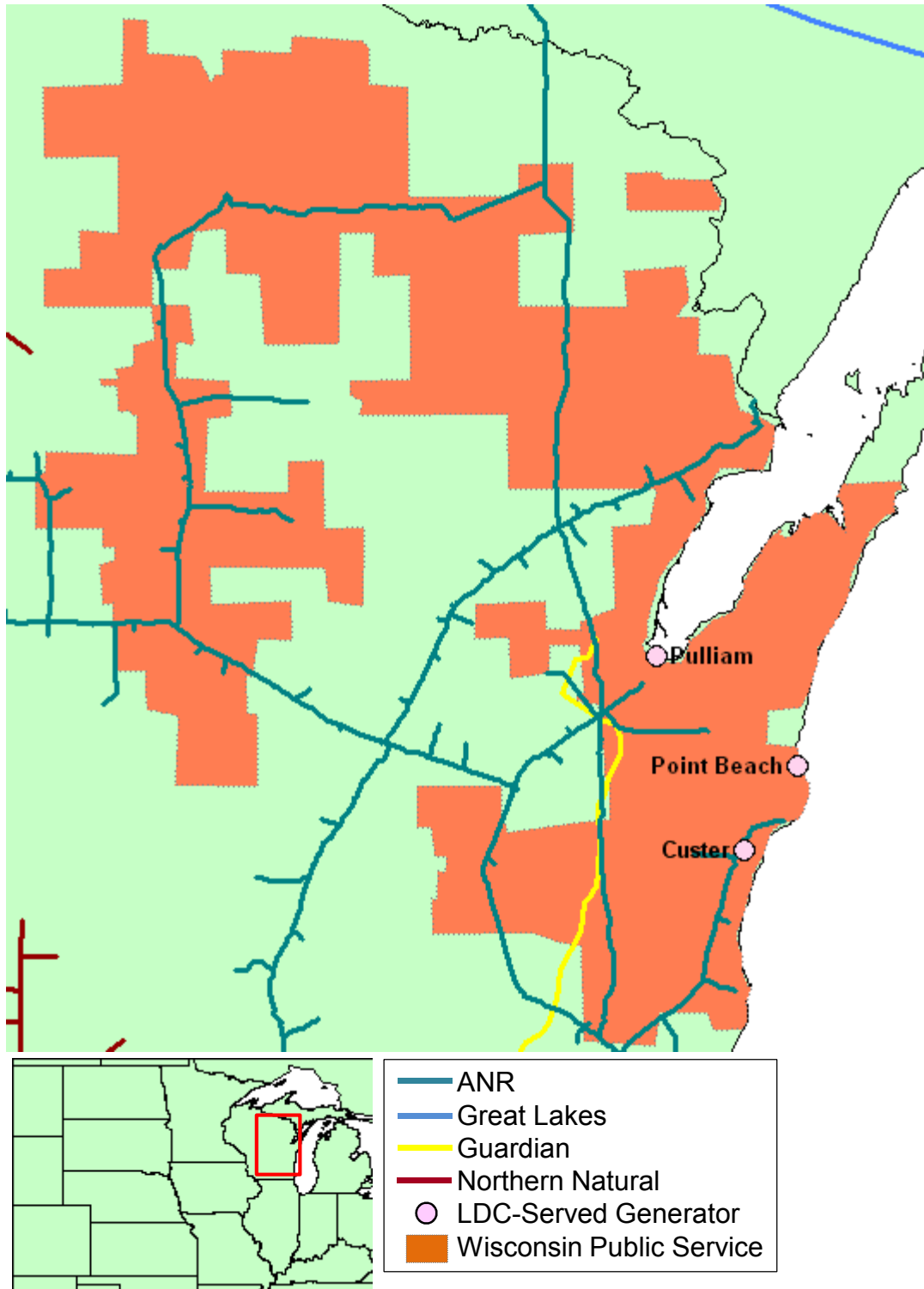


Table A2-121. MISO North/Central Generators Served by Wisconsin Public Service

Generator	Capacity (MW)
Custer Energy Center	24
Point Beach	19
Pulliam	108

Table A2-122. Wisconsin Public Service Citygate Meters

Pipeline	Meter Name	Meter Number
ANR	WPSC - Group 1	139258
Guardian	Sheboygan	778122
Guardian	Chilton	778106
Guardian	Denmark	778110
Guardian	SW Greenbay	778114
Guardian	West Greenbay	778118

Xcel Energy

Figure A2-76. Xcel Energy Service Territory

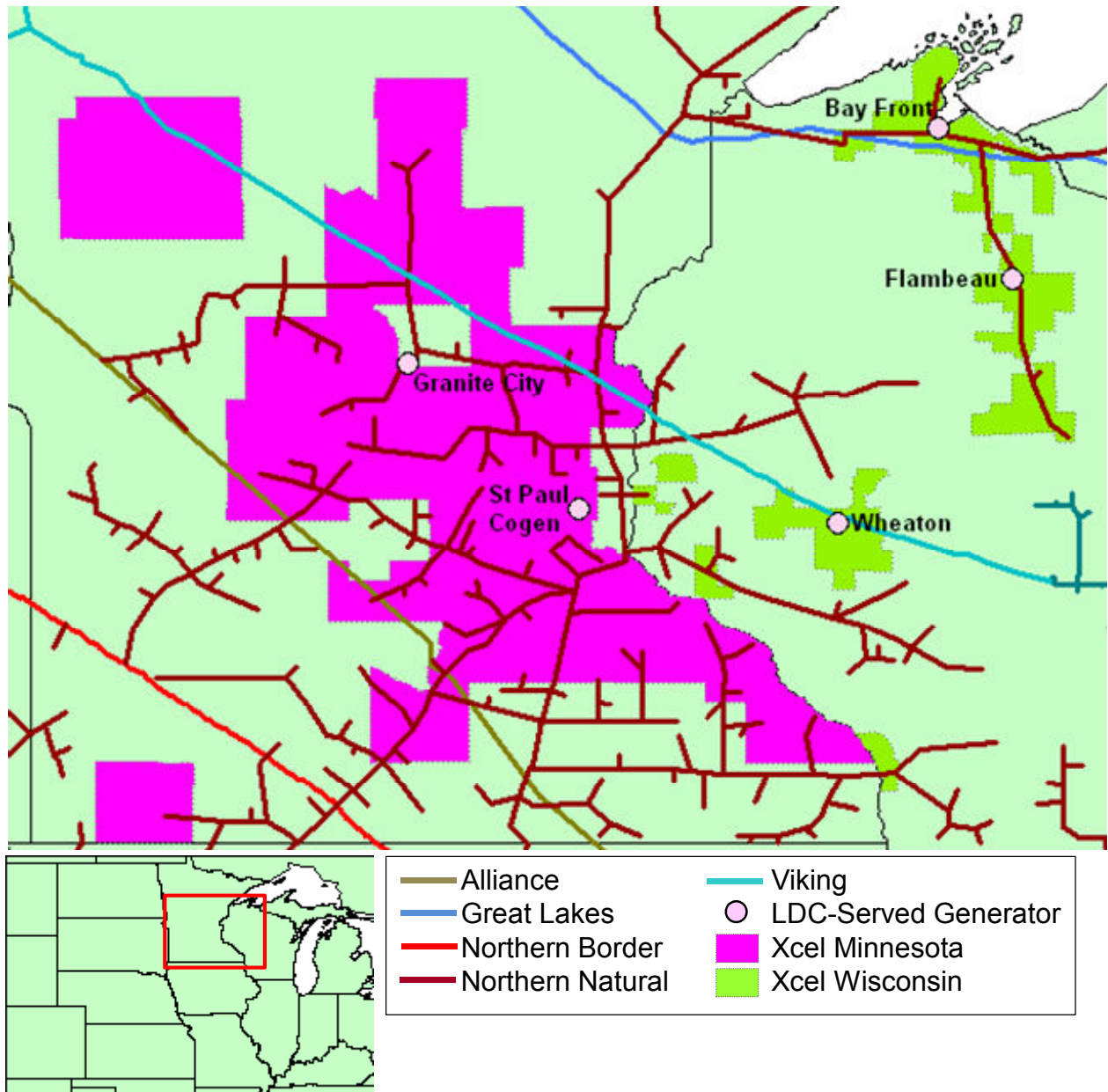


Table A2-123. MISO North/Central Generators Served by Xcel Energy

System	Generator	Capacity (MW)
Minnesota	Granite City	76
Minnesota	Wheaton	451
Wisconsin	Bay Front	21
Wisconsin	Flambeau	20
Wisconsin	St Paul Cogeneration	40

Table A2-124. Xcel Energy Citygate Meters

System	Pipeline	Meter Name	Meter Number
Minnesota	Northern Natural	Zone E/F NSP-Minnesota	#N/A
Minnesota	Northern Natural	Anoka MN #2	18284
Minnesota	Northern Natural	Becker #1 - NSP	18286
Minnesota	Northern Natural	Brainerd Lakes MN #2	61175
Minnesota	Northern Natural	Center City MN #1	4110
Minnesota	Northern Natural	Cosmos MN #1	4055
Minnesota	Northern Natural	Darwin MN	62902
Minnesota	Northern Natural	Delano MN #1	4056
Minnesota	Northern Natural	Delano MN #1A	62775
Minnesota	Northern Natural	Delano MN #1B	62970
Minnesota	Northern Natural	Faribault MN #1	78031
Minnesota	Northern Natural	Foley MN #1	4113
Minnesota	Northern Natural	Forest Lake MN #1	4114
Minnesota	Northern Natural	Forest Lake MN #1A	4115
Minnesota	Northern Natural	Forest Lake MN #1B	4116
Minnesota	Northern Natural	Green Isle-Western Gas MN	22903
Minnesota	Northern Natural	Hamburg-Western Gas MN	22902
Minnesota	Northern Natural	Hugo MN #1A	58742
Minnesota	Northern Natural	Kandiyohi MN #1	22021
Minnesota	Northern Natural	Lake City MN #1	4118
Minnesota	Northern Natural	Madison Lake MN #1	52790
Minnesota	Northern Natural	Marine On St. Croix #1-NSP	18285
Minnesota	Northern Natural	Marystown MN #1	50625
Minnesota	Northern Natural	Montrose/Waverly MN	22018
Minnesota	Northern Natural	Northfield MN #1	4119
Minnesota	Northern Natural	Redwing MN #1	2786
Minnesota	Northern Natural	Sartell MN #1	4127
Minnesota	Northern Natural	St. Clair MN #1	52789
Minnesota	Northern Natural	St. Cloud MN #1	2787
Minnesota	Northern Natural	St. Cloud MN #2	35984
Minnesota	Northern Natural	St. Joseph MN #1	4120
Minnesota	Northern Natural	St. Michael MN #2	78181
Minnesota	Northern Natural	St. Paul MN #1E	4121
Minnesota	Northern Natural	St. Paul MN #1P	1238
Minnesota	Northern Natural	St. Paul MN #1Q	2788
Minnesota	Northern Natural	St. Paul MN #1R	4123
Minnesota	Northern Natural	St. Paul MN #1T	4125
Minnesota	Northern Natural	St. Paul MN #4	4126
Minnesota	Northern Natural	Stacy MN #1	4128
Minnesota	Northern Natural	Stillwater MN #1	4129
Minnesota	Northern Natural	Stillwater MN #2	4130
Minnesota	Northern Natural	Wabasha MN #1	4131

System	Pipeline	Meter Name	Meter Number
Minnesota	Northern Natural	Watertown MN #1	4057
Minnesota	Northern Natural	White Bear Lake MN #1	4132
Minnesota	Northern Natural	Winona MN #1	2789
Minnesota	Northern Natural	Withrow #1 - NSP	18287
Minnesota	Viking	East Grand Forks	12001
Minnesota	Viking	Grand Forks	15274
Minnesota	Viking	Dilworth	11861
Minnesota	Viking	Moorhead	15224
Minnesota	Viking	Fargo	15225
Minnesota	Viking	Green Lake	288037
Minnesota	Viking	North Branch	288036
Minnesota	Viking	Taylors Falls	288035
Wisconsin	Great Lakes	Ironwood	132787
Wisconsin	Great Lakes	Ashland	132785
Wisconsin	Great Lakes	Marenisco	293838
Wisconsin	Northern Natural	Zone E/F NSP-Wisconsin	#N/A
Wisconsin	Northern Natural	Bayfield WI	11999
Wisconsin	Northern Natural	Bayfield WI #1	554
Wisconsin	Northern Natural	Bergland MI #1	555
Wisconsin	Northern Natural	Bessemer MI #1	556
Wisconsin	Northern Natural	Bessemer MI #2	3518
Wisconsin	Northern Natural	Birch Hill Acres WI	58784
Wisconsin	Northern Natural	Butternut WI #1	557
Wisconsin	Northern Natural	Ewen MI #1	558
Wisconsin	Northern Natural	Fifield WI #1	559
Wisconsin	Northern Natural	Ft. Mccoy WI #1	11998
Wisconsin	Northern Natural	Glidden WI #1	560
Wisconsin	Northern Natural	Hudson WI #1	3520
Wisconsin	Northern Natural	Hurley WI #1	802
Wisconsin	Northern Natural	Hurley WI #3	3516
Wisconsin	Northern Natural	Iron River WI #1	563
Wisconsin	Northern Natural	La Crosse WI #1	2769
Wisconsin	Northern Natural	La Crosse WI #1A	3521
Wisconsin	Northern Natural	La Crosse WI #1B (Irish Hill)	58759
Wisconsin	Northern Natural	La Crosse WI #1C (Grand Dad Bluff)	58758
Wisconsin	Northern Natural	Maiden Rock WI #1	79070
Wisconsin	Northern Natural	Mellen WI #1	565
Wisconsin	Northern Natural	Montreal WI #1	566
Wisconsin	Northern Natural	New Richmond WI #1	4134
Wisconsin	Northern Natural	Ogema WI #1	567
Wisconsin	Northern Natural	Park Falls WI #1	568
Wisconsin	Northern Natural	Phillips WI #1	803
Wisconsin	Northern Natural	Prentice WI #1	569

System	Pipeline	Meter Name	Meter Number
Wisconsin	Northern Natural	Ramsay MI #1	570
Wisconsin	Northern Natural	Rib Lake WI #1	571
Wisconsin	Northern Natural	Saxon WI #1	58152
Wisconsin	Northern Natural	Shelby WI #1	58155
Wisconsin	Northern Natural	Wakefield MI #1	3519
Wisconsin	Northern Natural	Washburn WI #1	573
Wisconsin	Northern Natural	Washburn WI #2	574
Wisconsin	Northern Natural	Washburn WI #4	3515
Wisconsin	Northern Natural	Westboro WI #1	575
Wisconsin	Viking	New Richmond	362799
Wisconsin	Viking	NSPWI Kinnickinnic	362788
Wisconsin	Viking	Menomnie	28691
Wisconsin	Viking	North Colfax	288048
Wisconsin	Viking	Wheaton	288045
Wisconsin	Viking	Wheaton Generation	288044
Wisconsin	Viking	Chippewa Falls	28664
Wisconsin	Viking	Eau Claire	28693
Wisconsin	Viking	Fall Creek	288049