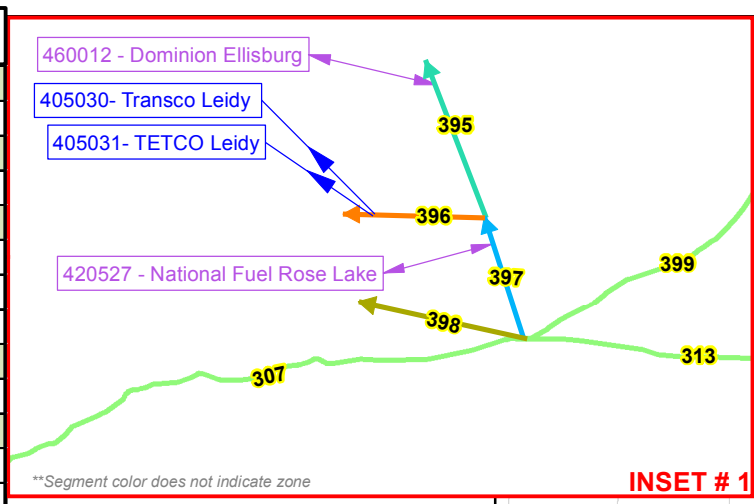


PIN - PIN NAME - SEGMENT NUMBER				
Acadian Gas Pipeline	Cypress Pipeline	Enterprise Texas	Marlin Midstream	South Cross
412847 - Acadian Cheneyville - 823	421056 - Cypress Pipeline - 515	411911 - Enterprise Texas Wharton - 109	412033 - Marlin Carthage - 700	420879 - South Cross Mount Zion - 542
Algonquin Gas	DCP Hinshaw	EP Energy	Midcontinent Express	Southern Mississippi
420207 - Algonquin Mahwah - 324	420904 - DCP Hinshaw Edinburg - 490	412607 - EP Energy Hollyfield - 700	44577 - MEP Jasper - 534	420900 - So Miss Batesville - 163
420285 - Algonquin Mendon - 282	DCP Midstream	Equitrans L.P.	Midwestern SMS	Southern Natural Gas
American Midstream	412035 - DCP Mid Liberty Hill - 141	420078 - Equitrans Pitt Term - 290	420546 - SNG Rose Hill - 534	420294 - SNG Pugh - 542
420941 - Amer Mid (Alatenn) Barton - 548	412356 - DCP Mid Tijerina - 406	ETC Texas	420556 - SNG Toca - 527	420546 - SNG Toca - 527
420058 - Amer Mid (Alatenn) Corinth - 847	412494 - DCP Mid Warder - 406	ETC Ganado Plant - 109	420801 - Millennium Greenwood - 299	420556 - SNG Toca - 527
420942 - Amer Mid (Barnagas) - 548	Dominion Transmission	ETC Tiger	Millennium Power	Teco Gas Gathering
421013 - Amer Mid (Mid LA) Fairbanks - 143	420066 - Dominion Augusta - 214	412830 - ETC Tiger - 143	412738 - Teco Indian Springs - 125	412738 - Teco Indian Springs - 125
420696 - Amer Mid (Tenn) Barton - 548	420044 - Dominion Br Cornwell - 114	49589 - ETC Tiger Urus - 834	420884 - Millennium - 261	420884 - Millennium - 261
49554 - Amer Mid (Mid LA) N. Peoples Rd - 834	420214 - Dominion Brookview - 249	Florida Gas	Monroe Gas Storage	420886 - Teco Dry Creek - 187
ANR Pipeline	420087 - Dominion Cochran - 219	420366 - Florida Gas Games - 527	421061 - Monroe Gas Storage - 548	405031 - TETCO Leidy Potter - 396
412002 - ANR Chalkey - 905	460012 - Dominion Ellisburg - 395	Freebird Gas Storage	National Fuel Gas	412874 - TETCO Wheelersburg - 200
420941 - ANR Greenville - 143	420345 - Dominion Gilmore - 233	412709 - Freebird Storage - 548	420767 - National Fuel Camp Perry - 219	412763 - Texas Gas E Reed - 143
421012 - ANR Greenville - South - 143	460004 - Dominion Harrison - 399	Gasoducto Del Rio (GDR)	420497 - National Fuel Clarence - 295	412762 - Texas Gas Isola - 834
421034 - ANR Rapids - 823	420617 - Dominion Hopewell - 233	421017 - GDR Rio Bravo - 491	420314 - National Fuel Cochran - 219	400460 - Texas Gas Mitchellville - 860
412584 - ANR Shadyside - 516	420688 - Dominion Lakeville - 233	GDP Suez	420730 - National Fuel Cranberry - 300	412865 - TransCanada Niagara
Arlington Storage	420502 - Dominion Marilla - 295	420894 - GDF Suez Blackstone - 282	412865 - National Fuel E Aurora - 295	410902 - TransCanada Niagara
412803 - Arlington - 299	412065 - Dominion Morrisville - 241	Granite Ridge	420076 - National Fuel Hamburg - 224	420076 - National Fuel Hamburg
Atmos Pipeline	420690 - Dominion N Sheldon - 230	420072 - National Fuel Lamont - 307	420092 - National Fuel Lewiston - 296	420076 - National Fuel Hamburg
412100 - Atmos P/L - 117	420067 - Dominion Petersburg - 216	Gulf Crossing	421079 - TransCanada Niagara - 296	420076 - National Fuel Hamburg
Bay State	420086 - Dominion Phelps - 237	49643 - Gulf Crossing Skipper - 834	420291 - Transco Heidelberg - 534	420076 - National Fuel Hamburg
420751 - Bay State Monson - 261	420914 - Dominion Sabinsville - 314	Gulf South	420373 - Transco Kinder - 501	420076 - National Fuel Hamburg
Berkshire	Duke Energy	412754 - Gulf South Heidelberg - 534	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420747 - Berkshire Bousquet - 256	421018 - Duke Hanging Rock - 200	420383 - Gulf South Kiln - 527	400483 - National Fuel Pettis - 219	420076 - National Fuel Hamburg
Big Sandy	Eagle Rock	49524 - Gulf South Coastal Bend - 109	420326 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
412742 - Big Sandy Glatcy - 111	412277 - Eagle Rock Brookeland - 132	49587 - Gulf South Lupe - 834	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
BP Energy	412725 - Eagle Rock DeSoto - 700	49780 - Gulf South Worlthy Rd. - 143	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420731 - BP Energy Selkirk - 249	East Kentucky Power	Hattiesburg Storage	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Caledonia	420803 - East KY Power J K Smith - 187	420702 - Hattiesburg - 534	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
412734 - Caledonia Storage - 542	East Ohio	Hess	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
421003 - Caledonia Generating - 542	420728 - East Ohio Augusta Sales - 214	420901 - Hess Berkshire Power - 261	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Calpine	420934 - East Ohio Gilmore - 209	Honeyoe Storage	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
421067 - Calpine - 490	420932 - East Ohio Petersburg - 216	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Cameron Interstate	421086 - East Ohio Pleasant Valley - 212	HPL	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
49446 - Cameron IPL Banken Rd. - 820	East Tennessee	412690 - HPL Sabine - 820	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Centerpoint	420042 - East Tenn Lobelville - 163	Humble Gas Pipeline	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
412829 - CEFS Robeline - 132	420289 - East Tenn Greenbrier - 860	412400 - Humble Gas King Ranch - 406	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
412352 - CEGT Guthrie - 143	East Texas Electric	420932 - East Ohio Petersburg - 216	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Central NY O&G	421064 - E TX Electric - 125	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
421046 - CNYOG Owego Stagecoach - 319	Egan Hub Storage	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Cheniere Corpus Christi	420822 - Egan Hub - 509	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
49861 - CCCLP Sinton - 101	Empire Generating	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Columbia Gas	421070 - Empire Schodack - 249	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
400459 - Col Gas BR Cobb - 114	Empire Pipeline	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
400480 - Col Gas Brinker - 214	412856 - Empire Pipeline - 233	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420064 - Col Gas Cambridge - 209	Enable Gas Trans	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420060 - Col Gas Dunganon - 214	49585 - Enable Gas Bearfoot - 834	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420079 - Col Gas Greenup - 110	Entergy	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420449 - Col Gas Highland - 307	421062 - Entergy Perryville Power - 143	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420045 - Col Gas Mavity - 112	420712 - Entergy Power River - 143	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420245 - Col Gas Milford - 321	420926 - Entergy Rise - 281	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420049 - Col Gas N Means - 187	Enterprise Intrastate	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420062 - Col Gas Newcastle - 217	411306 - Enterprise Intra Agua Dulce - 101	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420306 - Col Gas Pitt Term - 290	411159 - Enterprise Intra Katy - 117	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420063 - Col Gas Unionville - 290	412103 - Enterprise Intra Sabine - 820	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Copano Pipelines - UGC	Enterprise Texas	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
49042 - CP - UGC Mossy Oaks - 117	420723 - Enterprise Texas Carthage - 700	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Cranberry Pipeline	412458 - Enterprise Texas Gilmore - 410	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
420037 - Cranberry Lane Branch - 114	412088 - Enterprise Texas Monte Christo - 409	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
Crosstex LIG	411903 - Enterprise Texas Santellana - 409	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
412809 - Crosstex LIG - Clear Lake - 140	412669 - Enterprise Texas Shoup - 101	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg
	410173 - Enterprise Texas Sun - 409	420526 - Honeyoe - 233	420336 - National Fuel Pekin - 296	420076 - National Fuel Hamburg



- Legend**
- ### Segment Number
 - Segment Break
 - ▲ Storage
 - Compressor Station
 - ➔ Default Direction

- Rate Zone**
- Zone L
 - Zone 0
 - Zone 1
 - Zone 2
 - Zone 3
 - Zone 4
 - Zone 5
 - Zone 6

- Receipt
Delivery
Bi-Directional
Storage
Pool

- 420826-Zone 0 Leg 100 North Pool
420827-Zone 1 Leg 100 Pool
420828-Zone 2 Leg 100 Pool
420829-Zone 3 Leg 100 Pool
420830-Zone 4 Leg 100 Pool
420831-Zone 5 Leg 100 Pool
420832-Zone 6 Leg 100 Pool

- 420833-Zone 7 Leg 100 Pool
420834-Zone 8 Leg 100 Pool
420835-Zone 9 Leg 100 Pool
420836-Zone 10 Leg 100 Pool
420837-Zone 11 Leg 100 Pool
420838-Zone 12 Leg 100 Pool
420839-Zone 13 Leg 100 Pool

- 420840-Zone 14 Leg 100 Pool
420841-Zone 15 Leg 100 Pool
420842-Zone 16 Leg 100 Pool
420843-Zone 17 Leg 100 Pool
420844-Zone 18 Leg 100 Pool
420845-Zone 19 Leg 100 Pool
420846-Zone 20 Leg 100 Pool

- 420847-Zone 21 Leg 100 Pool
420848-Zone 22 Leg 100 Pool
420849-Zone 23 Leg 100 Pool
420850-Zone 24 Leg 100 Pool
420851-Zone 25 Leg 100 Pool
420852-Zone 26 Leg 100 Pool
420853-Zone 27 Leg 100 Pool

- 420854-Zone 28 Leg 100 Pool
420855-Zone 29 Leg 100 Pool
420856-Zone 30 Leg 100 Pool
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420858-Zone 32 Leg 100 Pool
420859-Zone 33 Leg 100 Pool
420860-Zone 34 Leg 100 Pool

- 420861-Zone 35 Leg 100 Pool
420862-Zone 36 Leg 100 Pool
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420864-Zone 38 Leg 100 Pool
420865-Zone 39 Leg 100 Pool
420866-Zone 40 Leg 100 Pool
420867-Zone 41 Leg 100 Pool

- 420868-Zone 42 Leg 100 Pool
420869-Zone 43 Leg 100 Pool
420870-Zone 44 Leg 100 Pool
420871-Zone 45 Leg 100 Pool
420872-Zone 46 Leg 100 Pool
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- 420875-Zone 49 Leg 100 Pool
420876-Zone 50 Leg 100 Pool
420877-Zone 51 Leg 100 Pool
420878-Zone 52 Leg 100 Pool
420879-Zone 53 Leg 100 Pool
420880-Zone 54 Leg 100 Pool
420881-Zone 55 Leg 100 Pool

- 420882-Zone 56 Leg 100 Pool
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420886-Zone 60 Leg 100 Pool
420887-Zone 61 Leg 100 Pool
420888-Zone 62 Leg 100 Pool

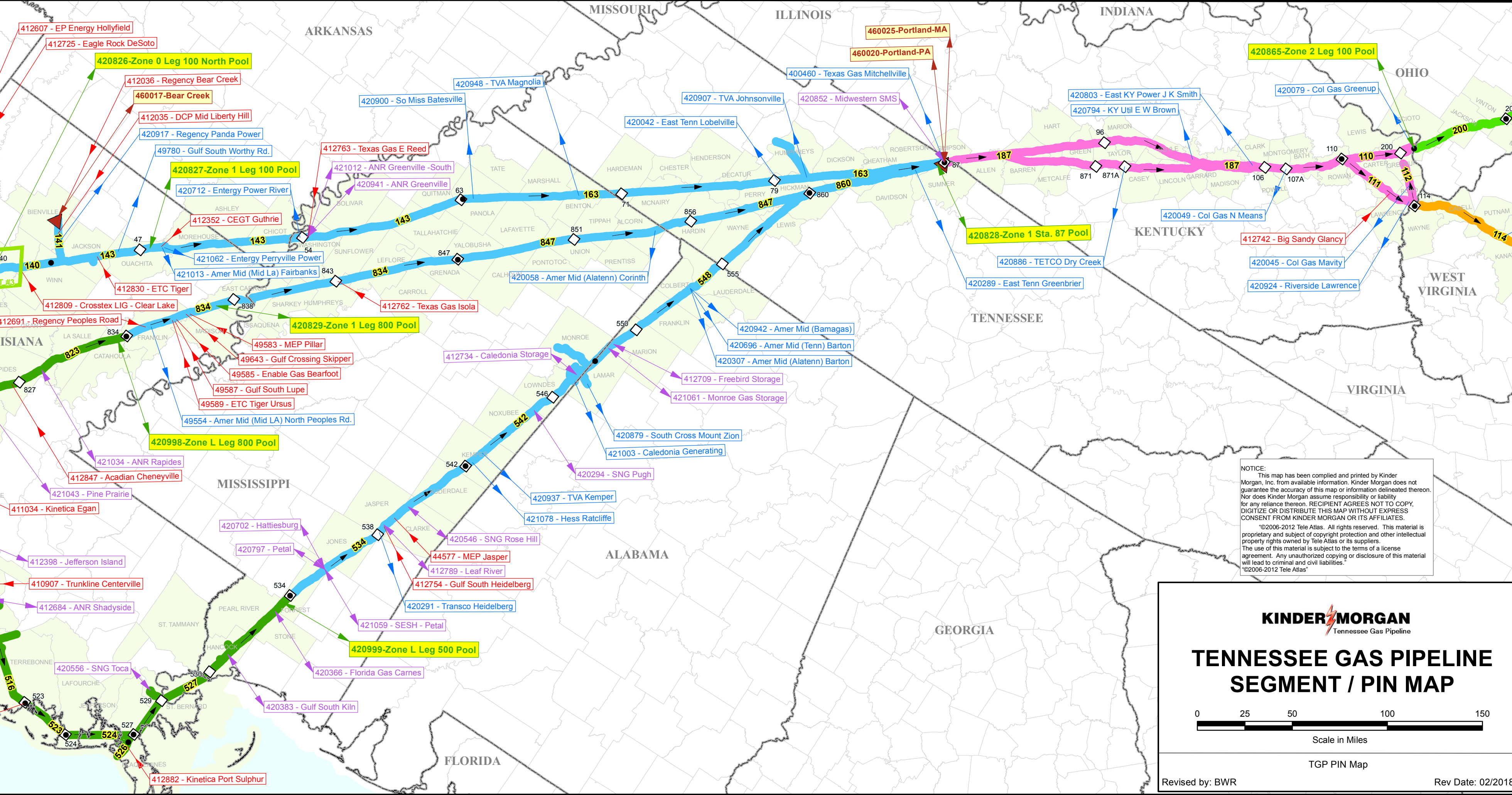
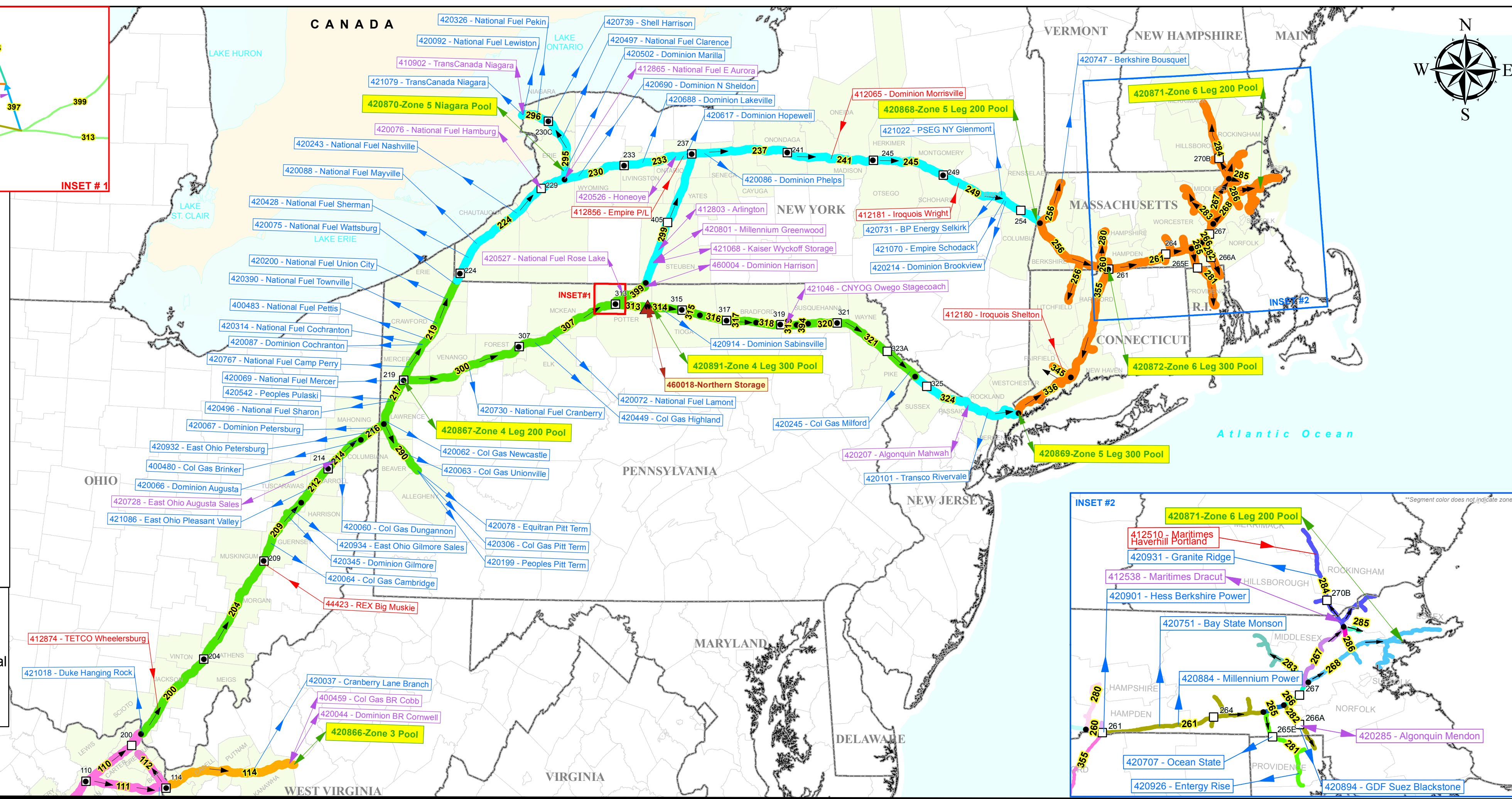
- 420889-Zone 63 Leg 100 Pool
420890-Zone 64 Leg 100 Pool
420891-Zone 65 Leg 100 Pool
420892-Zone 66 Leg 100 Pool
420893-Zone 67 Leg 100 Pool
420894-Zone 68 Leg 100 Pool
420895-Zone 69 Leg 100 Pool

- 420896-Zone 70 Leg 100 Pool
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420901-Zone 75 Leg 100 Pool
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- 420903-Zone 77 Leg 100 Pool
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- 420910-Zone 84 Leg 100 Pool
420911-Zone 85 Leg 100 Pool
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420913-Zone 87 Leg 100 Pool
420914-Zone 88 Leg 100 Pool
420915-Zone 89 Leg 100 Pool
420916-Zone 90 Leg 100 Pool

- 420917-Zone 91 Leg 100 Pool
420918-Zone 92 Leg 100 Pool
420919-Zone 93 Leg 100 Pool
420920-Zone 94 Leg 100 Pool
420921-Zone 95 Leg 100 Pool
420922-Zone 96 Leg 100 Pool
420923-Zone 97 Leg 100 Pool



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KINDER MORGAN
Tennessee Gas Pipeline

**TENNESSEE GAS PIPELINE
SEGMENT / PIN MAP**

0 25 50 100 150
Scale in Miles

TGP PIN Map

Revised by: BWR
Rev Date: 02/2018