

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

01/22/2025

[illegible]

ALBANY___2 23572	241.25 3.62 0.00	215.32 3.81 0.00	181.83 3.94 0.00	202.79 3.45 0.00	192.25 4.10 0.00	221.11 4.18 0.00	267.54 3.58 0.00	383.88 4.03 0.00	345.08 4.21 0.00	232.05 6.01 0.00	181.11 4.22 0.00	175.20 4.36 0.00	183.32 3.62 0.00	163.12 3.78 0.00	158.03 3.33 0.00	175.60 3.20 0.00	179.96 2.93 0.00	195.62 2.75 0.00	181.92 2.78 0.00	177.23 3.59 0.00	171.83 4.91 0.00	157.58 4.54 0.00	169.16 5.51 0.00	168.59 4.81 0.00
ALBANY___3 23573	241.25 3.62 0.00	215.32 3.81 0.00	181.83 3.94 0.00	202.79 3.45 0.00	192.25 4.10 0.00	221.11 4.18 0.00	267.54 3.58 0.00	383.88 4.03 0.00	345.08 4.21 0.00	232.05 6.01 0.00	181.11 4.22 0.00	175.20 4.36 0.00	183.32 3.62 0.00	163.12 3.78 0.00	158.03 3.33 0.00	175.60 3.20 0.00	179.96 2.93 0.00	195.62 2.75 0.00	181.92 2.78 0.00	177.23 3.59 0.00	171.83 4.91 0.00	157.58 4.84 0.00	169.16 5.51 0.00	168.59 4.81 0.00
ALBANY___4 23574	241.25 3.62 0.00	215.32 3.81 0.00	181.83 3.94 0.00	202.79 3.45 0.00	192.25 4.10 0.00	221.11 4.18 0.00	267.54 3.58 0.00	383.88 4.03 0.00	345.08 4.21 0.00	232.05 6.01 0.00	181.11 4.22 0.00	175.20 4.36 0.00	183.32 3.62 0.00	163.12 3.78 0.00	158.03 3.33 0.00	175.60 3.20 0.00	179.96 2.93 0.00	195.62 2.75 0.00	181.92 2.78 0.00	177.23 3.59 0.00	171.83 4.91 0.00	157.58 4.84 0.00	169.16 5.51 0.00	168.59 4.81 0.00
ALBANY___LFGE 323615	243.53 5.90 0.00	217.19 5.67 0.00	183.40 5.52 0.00	204.54 5.21 0.00	193.91 5.77 0.00	223.13 6.20 0.00	270.34 6.38 0.00	388.12 8.27 0.00	349.04 8.17 0.00	234.37 8.33 0.00	183.07 6.18 0.00	177.08 6.24 0.00	185.28 5.58 0.00	164.85 5.50 0.00	159.87 5.17 0.00	177.78 5.38 0.00	182.20 5.17 0.00	198.03 5.16 0.00	184.13 4.99 0.00	179.28 5.64 0.00	173.53 6.60 0.00	159.16 6.42 0.00	170.60 6.96 0.00	169.99 6.21 0.00
ALCOA_PA_115KV_PL-6C 55860	243.45 5.82 0.00	217.09 5.57 0.00	181.12 3.24 0.00	203.92 4.59 0.00	190.74 2.59 0.00	220.02 3.09 0.00	268.10 4.14 0.00	385.37 5.52 0.00	344.15 3.28 0.00	225.77 -0.27 0.00	176.25 -0.64 0.00	170.08 -0.76 0.00	180.33 0.63 0.00	159.28 -0.06 0.00	154.07 -0.63 0.00	172.48 0.08 0.00	177.92 0.89 0.00	194.47 1.59 0.00	180.42 1.27 0.00	174.41 0.77 0.00	166.83 -0.09 0.00	152.90 0.16 0.00	164.77 1.12 0.00	165.78 2.00 0.00
ALCOA_RYNLDS___DRP 24188	243.45 5.82 0.00	217.09 5.57 0.00	181.12 3.24 0.00	203.92 4.59 0.00	190.74 2.59 0.00	220.02 3.09 0.00	268.10 4.14 0.00	385.37 5.52 0.00	344.15 3.28 0.00	225.77 -0.27 0.00	176.25 -0.64 0.00	170.08 -0.76 0.00	180.33 0.63 0.00	159.28 -0.06 0.00	154.07 -0.63 0.00	172.48 0.08 0.00	177.92 0.89 0.00	194.47 1.59 0.00	180.42 1.27 0.00	174.41 0.77 0.00	166.83 -0.09 0.00	152.90 0.16 0.00	164.77 1.12 0.00	165.78 2.00 0.00
ALCOA___DSASP 323711	243.45 5.82 0.00	217.09 5.57 0.00	181.12 3.23 0.00	203.92 4.59 0.00	190.74 2.59 0.00	220.02 3.09 0.00	268.10 4.14 0.00	385.38 5.52 0.00	344.15 3.28 0.00	225.77 -0.27 0.00	176.25 -0.64 0.00	170.08 -0.76 0.00	180.33 0.63 0.00	159.28 -0.06 0.00	154.07 -0.63 0.00	172.48 0.08 0.00	177.93 0.91 0.00	194.47 1.60 0.00	180.42 1.27 0.00	174.41 0.77 0.00	166.83 -0.09 0.00	152.90 0.16 0.00	164.78 1.13 0.00	165.78 2.00 0.00
ALLEGHENY___COGEN 23514	243.56 5.93 0.00	213.84 2.33 0.00	181.35 3.47 0.00	205.38 6.05 0.00	194.87 6.73 0.00	220.82 3.89 0.00	253.92 -10.04 0.00	367.06 -12.79 0.00	330.84 -10.03 0.00	213.03 -13.01 0.00	166.79 -10.10 0.00	158.43 -12.41 0.00	165.89 -13.81 0.00	148.44 -10.90 0.00	148.26 -6.44 0.00	166.00 -6.40 0.00	168.80 -8.23 0.00	185.00 -7.88 0.00	185.47 -8.30 -14.62	201.44 -9.55 -37.35	266.33 3.00 -96.41	238.07 -0.24 -85.58	215.54 -1.10 -52.99	164.37 -1.15 -1.74
ALTAMONT_115KV_TB 2 55880	242.79 5.16 0.00	216.15 4.63 0.00	182.41 4.52 0.00	203.55 4.22 0.00	192.89 4.75 0.00	222.07 5.14 0.00	269.51 5.54 0.00	387.24 7.39 0.00	348.13 7.26 0.00	232.95 6.91 0.00	182.42 5.53 0.00	176.38 5.54 0.00	184.62 4.92 0.00	164.36 5.02 0.00	159.69 4.99 0.00	177.48 5.09 0.00	181.80 4.78 0.00	197.78 4.90 0.00	183.99 4.84 0.00	178.89 5.25 0.00	172.84 5.92 0.00	158.41 5.67 0.00	169.35 5.70 0.00	168.95 5.17 0.00
ALTONA_WT_PWR 323606	241.78 4.15 0.00	216.12 4.60 0.00	180.04 2.16 0.00	201.99 2.66 0.00	189.59 1.45 0.00	219.16 2.23 0.00	268.52 4.56 0.00	385.47 5.62 0.00	343.83 2.97 0.00	226.37 0.33 0.00	176.50 -0.39 0.00	170.80 -0.04 0.00	180.15 0.45 0.00	160.21 0.87 0.00	155.15 0.45 0.00	173.37 0.97 0.00	178.76 1.73 0.00	195.37 2.49 0.00	181.43 2.29 0.00	175.50 1.85 0.00	167.76 0.84 0.00	152.93 0.19 0.00	164.79 1.15 0.00	165.20 1.42 0.00
AMERICAN_REF_FUEL 24010	217.01 -20.62 0.00	190.42 -21.09 0.00	161.65 -16.24 0.00	183.78 -15.55 0.00	173.81 -14.34 0.00	203.53 -13.40 0.00	240.19 -23.77 0.00	342.00 -37.85 0.00	312.67 -28.19 0.00	202.11 -23.93 0.00	157.33 -19.56 0.00	150.46 -20.38 0.00	159.78 -19.92 0.00	142.25 -17.09 0.00	139.12 -15.58 0.00	154.36 -18.04 0.00	159.19 -23.17 -5.33	271.42 -25.10 -103.65	210.43 -24.17 -55.45	140.32 -24.88 8.44	122.39 -22.23 22.30	112.37 -20.54 19.83	130.53 -20.83 12.29	144.17 -19.21 0.40
ARKWRIGHT___SUMMIT_WT_PWR 323751	226.01 -11.62 0.00	198.51 -13.01 0.00	169.00 -8.89 0.00	192.17 -7.17 0.00	181.64 -6.50 0.00	213.21 -3.72 0.00	254.17 -9.79 0.00	361.33 -18.52 0.00	329.91 -10.96 0.00	212.65 -13.39 0.00	164.80 -12.09 0.00	156.80 -14.04 0.00	167.45 -12.25 0.00	150.69 -8.65 0.00	148.50 -6.20 0.00	164.20 -8.20 0.00	163.39 -13.64 0.00	175.39 -17.49 0.00	156.95 -18.58 3.62	144.46 -19.95 9.24	124.50 -18.58 23.84	113.37 -18.18 21.18	131.61 -18.92 13.12	145.81 -17.54 0.43
ARTHUR KILL_GT_1 23520	425.56 12.46 -175.47	383.09 11.67 -159.90	379.24 10.90 -190.46	380.16 9.75 -171.08	379.74 11.04 -180.56	386.67 11.37 -158.37	424.68 12.72 -147.99	537.56 18.65 -139.06	504.79 18.28 -145.65	532.29 16.54 -289.71	496.39 14.43 -305.07	387.21 14.84 -201.52	295.33 13.16 -102.47	298.06 13.35 -125.37	247.28 13.65 -78.93	212.77 13.63 -26.75	198.58 13.86 -7.69	256.30 14.03 -49.39	431.60 14.05 -238.40	490.34 13.97 -302.72	867.20 14.29 -685.99	1270.74 13.46 -1104.54	248.12 12.27 -72.20	230.15 11.53 -54.83
ARTHUR_KILL_2 23512	424.75 11.65 -175.47	382.42 11.01 -159.90	378.66 10.32 -190.46	379.55 9.13 -171.08	379.11 10.41 -180.56	385.89 10.60 -158.37	423.68 11.73 -147.99	536.19 17.28 -139.06	503.47 16.95 -145.65	531.42 15.68 -289.71	495.79 13.83 -305.07	386.64 14.28 -201.52	294.74 12.57 -102.47	297.52 12.81 -125.37	246.76 13.13 -78.93	212.18 13.04 -26.75	198.00 13.27 -7.69	255.62 13.35 -49.39	430.89 13.35 -238.40	489.73 13.37 -302.72	866.58 13.67 -685.99	1270.22 12.95 -1104.54	247.57 11.72 -72.20	229.61 10.99 -54.83
ARTHUR_KILL_3 23513	427.42 9.08 -180.71	384.03 8.38 -164.13	384.03 8.29 -197.86	384.03 6.97 -177.72	384.03 8.32 -187.57	389.70 8.25 -164.52	425.46 9.27 -152.23	535.12 13.60 -141.67	502.91 13.75 -148.29	527.66 13.98 -287.64	575.58 12.72 -385.96	413.30 13.17 -229.29	313.14 11.51 -121.93	315.34 11.81 -144.19	267.77 12.04 -101.02	234.58 12.10 -50.08	234.58 12.25 -45.30	266.54 12.14 -61.52	447.90 12.20 -256.56	515.21 12.22 -329.35	960.56 12.55 -781.09	1323.07 12.08 -1158.25	249.36 10.71 -75.00	230.58 9.83 -56.96

ARTHUR_KILL_COGEN 323718	425.56 12.46 -175.47	383.09 11.67 -159.90	379.24 10.90 -190.46	380.16 9.75 -171.08	379.74 11.04 -180.56	386.67 11.37 -158.37	424.68 12.72 -147.99	537.56 18.65 -139.06	504.79 18.28 -145.65	532.29 16.54 -289.71	496.39 14.43 -305.07	387.21 14.84 -201.52	295.33 13.16 -102.47	298.06 13.35 -125.37	247.28 13.65 -78.93	212.77 13.63 -26.75	198.58 13.86 -7.69	256.30 14.03 -49.39	431.60 14.05 -238.40	490.34 13.97 -302.72	867.20 14.29 -685.99	1270.74 13.46 -1104.54	248.12 12.27 -72.20	230.15 11.53 -54.83
ASHOKAN____ 23654	252.64 15.01 0.00	224.77 13.25 0.00	189.81 11.92 0.00	211.71 12.38 0.00	201.16 13.02 0.00	232.25 15.32 0.00	282.66 18.70 0.00	407.28 27.43 0.00	367.10 26.23 0.00	245.38 19.34 0.00	191.60 14.71 0.00	184.95 14.11 0.00	193.05 13.35 0.00	171.78 12.44 0.00	166.79 12.08 0.00	185.54 13.14 0.00	190.37 13.34 0.00	207.80 14.93 0.00	193.81 14.67 0.00	188.19 14.55 0.00	181.72 14.80 0.00	166.09 13.36 0.00	176.62 12.97 0.00	175.85 12.07 0.00
ASTORIA_EAST_ENERGY_CC1 323581	247.92 10.29 0.00	221.17 9.66 0.00	187.65 9.76 0.00	207.64 8.30 0.00	197.93 9.78 0.00	226.84 9.91 0.00	276.17 11.77 -0.43	397.12 17.27 0.00	358.48 17.61 0.00	242.40 16.37 0.00	191.01 14.11 0.00	185.29 14.16 -0.29	192.22 12.52 0.00	172.13 12.78 -0.01	167.74 13.03 -0.01	185.48 13.08 0.00	190.33 13.30 0.00	206.58 13.70 0.00	192.63 13.48 0.00	187.17 13.53 0.00	180.63 13.70 -0.01	165.71 12.96 -0.01	175.25 11.60 0.00	174.55 10.78 0.00
ASTORIA_EAST_ENERGY_CC2 323582	247.92 10.29 0.00	221.17 9.66 0.00	187.65 9.76 0.00	207.64 8.30 0.00	197.93 9.78 0.00	226.84 9.91 0.00	276.17 11.77 -0.43	397.12 17.27 0.00	358.48 17.61 0.00	242.40 16.37 0.00	191.01 14.11 0.00	185.29 14.16 -0.29	192.22 12.52 0.00	172.13 12.78 -0.01	167.74 13.03 -0.01	185.48 13.08 0.00	190.33 13.30 0.00	206.58 13.70 0.00	192.63 13.48 0.00	187.17 13.53 0.00	180.63 13.70 -0.01	165.71 12.96 -0.01	175.25 11.60 0.00	174.55 10.78 0.00
ASTORIA_GT2_1 24094	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT2_2 24095	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT2_3 24096	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT2_4 24097	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT3_1 24098	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT3_2 24099	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT3_3 24100	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT3_4 24101	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT4_1 24102	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT4_2 24103	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT4_3 24104	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00

ASTORIA_GT4_4 24105	248.03 10.40 0.00	221.35 9.83 0.00	187.73 9.84 0.00	207.59 8.25 0.00	198.05 9.90 0.00	226.99 10.06 0.00	276.38 11.98 -0.43	397.34 17.49 0.00	358.68 17.81 0.00	242.52 16.48 0.00	191.11 14.21 0.00	185.44 14.31 -0.29	192.37 12.67 0.00	172.21 12.86 -0.01	167.84 13.13 -0.01	185.57 13.17 0.00	190.46 13.43 0.00	206.92 14.04 0.00	192.86 13.71 0.00	187.30 13.65 0.00	180.74 13.82 -0.01	165.86 13.11 -0.01	175.37 11.72 -0.01	174.64 10.86 0.00
ASTORIA_GT_1 23523	248.60 10.97 0.00	221.77 10.25 0.00	188.10 10.21 0.00	208.17 8.84 0.00	198.43 10.29 0.00	227.42 10.49 0.00	276.96 12.57 -0.43	398.26 18.41 0.00	359.55 18.68 0.00	243.12 17.08 0.00	191.55 14.66 0.00	185.81 14.68 -0.29	192.78 13.08 0.00	172.63 13.28 -0.01	168.23 13.52 -0.01	185.99 13.59 0.00	190.84 13.81 0.00	207.19 14.31 0.00	193.16 14.01 0.00	187.72 14.07 0.00	181.12 14.19 -0.01	166.13 13.38 -0.01	175.70 12.05 0.00	175.01 11.23 0.00
ASTORIA_GT_10 24110	248.15 10.52 0.00	221.40 9.88 0.00	187.70 9.81 0.00	207.87 8.54 0.00	198.00 9.85 0.00	226.99 10.05 0.00	275.13 11.16 0.00	395.95 16.10 0.00	357.16 16.30 0.00	241.98 15.94 0.00	191.73 14.50 -0.34	190.19 14.97 -4.37	195.15 13.36 -2.08	180.12 13.63 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.92 13.89 0.00	206.91 14.03 0.00	194.94 14.01 -1.78	187.62 13.97 0.00	183.78 14.36 -2.49	172.56 13.71 -6.11	175.97 12.32 -0.01	175.16 11.37 0.00
ASTORIA_GT_11 24225	248.15 10.52 0.00	221.40 9.88 0.00	187.70 9.81 0.00	207.87 8.54 0.00	198.00 9.85 0.00	226.99 10.05 0.00	275.13 11.16 0.00	395.95 16.10 0.00	357.16 16.30 0.00	241.98 15.94 0.00	191.73 14.50 -0.34	190.19 14.97 -4.37	195.15 13.36 -2.08	180.12 13.63 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.92 13.89 0.00	206.91 14.03 0.00	194.94 14.01 -1.78	187.62 13.97 0.00	183.78 14.36 -2.49	172.56 13.71 -6.11	175.97 12.32 -0.01	175.16 11.37 0.00
ASTORIA_GT_12 24226	248.15 10.52 0.00	221.40 9.88 0.00	187.70 9.81 0.00	207.87 8.54 0.00	198.00 9.85 0.00	226.99 10.05 0.00	275.13 11.16 0.00	395.95 16.10 0.00	357.16 16.30 0.00	241.98 15.94 0.00	191.73 14.50 -0.34	190.19 14.97 -4.37	195.15 13.36 -2.08	180.12 13.63 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.92 13.89 0.00	206.91 14.03 0.00	194.94 14.01 -1.78	187.62 13.97 0.00	183.78 14.36 -2.49	172.56 13.71 -6.11	175.97 12.32 -0.01	175.16 11.37 0.00
ASTORIA_GT_13 24227	248.15 10.52 0.00	221.40 9.88 0.00	187.70 9.81 0.00	207.87 8.54 0.00	198.00 9.85 0.00	226.99 10.05 0.00	275.13 11.16 0.00	395.95 16.10 0.00	357.16 16.30 0.00	241.98 15.94 0.00	191.73 14.50 -0.34	190.19 14.97 -4.37	195.15 13.36 -2.08	180.12 13.63 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.92 13.89 0.00	206.91 14.03 0.00	194.94 14.01 -1.78	187.62 13.97 0.00	183.78 14.36 -2.49	172.56 13.71 -6.11	175.97 12.32 -0.01	175.16 11.37 0.00
ASTORIA_GT_5 24106	248.53 10.90 0.00	221.77 10.25 0.00	188.10 10.21 0.00	207.99 8.66 0.00	198.42 10.28 0.00	227.46 10.53 0.00	276.96 12.57 -0.43	398.23 18.38 0.00	359.53 18.66 0.00	243.12 17.08 0.00	191.57 14.67 0.00	185.87 14.74 -0.29	192.80 13.10 0.00	172.62 13.28 -0.01	168.22 13.51 -0.01	185.97 13.57 0.00	190.89 13.86 0.00	207.40 14.52 0.00	193.31 14.16 0.00	187.76 14.12 0.00	181.14 14.21 -0.01	166.21 13.47 -0.01	175.71 12.06 -0.01	175.02 11.24 0.00
ASTORIA_GT_7 24107	248.53 10.90 0.00	221.77 10.25 0.00	188.10 10.21 0.00	207.99 8.66 0.00	198.42 10.28 0.00	227.46 10.53 0.00	276.96 12.57 -0.43	398.23 18.38 0.00	359.53 18.66 0.00	243.12 17.08 0.00	191.57 14.67 0.00	185.87 14.74 -0.29	192.80 13.10 0.00	172.62 13.28 -0.01	168.22 13.51 -0.01	185.97 13.57 0.00	190.89 13.86 0.00	207.40 14.52 0.00	193.31 14.16 0.00	187.76 14.12 0.00	181.14 14.21 -0.01	166.21 13.47 -0.01	175.71 12.06 -0.01	175.02 11.24 0.00
ASTORIA_GT_8 24108	248.53 10.90 0.00	221.77 10.25 0.00	188.10 10.21 0.00	207.99 8.66 0.00	198.42 10.28 0.00	227.46 10.53 0.00	276.96 12.57 -0.43	398.23 18.38 0.00	359.53 18.66 0.00	243.12 17.08 0.00	191.57 14.67 0.00	185.87 14.74 -0.29	192.80 13.10 0.00	172.62 13.28 -0.01	168.22 13.51 -0.01	185.97 13.57 0.00	190.89 13.86 0.00	207.40 14.52 0.00	193.31 14.16 0.00	187.76 14.12 0.00	181.14 14.21 -0.01	166.21 13.47 -0.01	175.71 12.06 -0.01	175.02 11.24 0.00
ASTORIA___2 24149	248.06 10.43 0.00	221.35 9.83 0.00	187.74 9.85 0.00	207.77 8.43 0.00	198.05 9.91 0.00	226.99 10.06 0.00	276.35 11.96 -0.43	397.35 17.49 0.00	358.70 17.84 0.00	242.50 16.46 0.00	191.06 14.17 0.00	185.37 14.24 -0.29	192.33 12.63 0.00	172.20 12.85 -0.01	167.83 13.12 -0.01	185.59 13.19 0.00	190.39 13.36 0.00	206.76 13.88 0.00	192.73 13.57 0.00	187.28 13.64 0.00	180.73 13.81 -0.01	165.78 13.04 -0.01	175.34 11.69 0.00	174.64 10.86 0.00
ASTORIA___3 23516	248.20 10.57 0.00	221.40 9.88 0.00	187.71 9.82 0.00	207.92 8.58 0.00	198.02 9.88 0.00	226.99 10.06 0.00	275.10 11.13 0.00	396.01 16.15 0.00	357.19 16.32 0.00	241.96 15.92 0.00	191.74 14.52 -0.34	190.17 14.95 -4.37	195.15 13.37 -2.08	180.10 13.62 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.90 13.87 0.00	206.79 13.91 0.00	194.83 13.90 -1.78	187.57 13.93 0.00	183.68 14.27 -2.49	172.47 13.63 -6.11	175.95 12.30 -0.01	175.17 11.39 0.00
ASTORIA___4 23517	248.15 10.52 0.00	221.40 9.88 0.00	187.70 9.81 0.00	207.87 8.54 0.00	198.00 9.85 0.00	226.99 10.05 0.00	275.13 11.16 0.00	395.92 16.06 0.00	357.16 16.30 0.00	241.98 15.94 0.00	191.73 14.50 -0.34	190.17 14.96 -4.37	195.15 13.36 -2.08	180.12 13.63 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.92 13.89 0.00	206.91 14.03 0.00	194.94 14.01 -1.78	187.62 13.97 0.00	183.78 14.36 -2.49	172.56 13.71 -6.11	175.97 12.32 -0.01	175.16 11.37 0.00
ASTORIA___5 23518	248.20 10.57 0.00	221.40 9.88 0.00	187.71 9.82 0.00	207.92 8.58 0.00	198.02 9.88 0.00	226.99 10.06 0.00	275.12 11.15 0.00	396.01 16.15 0.00	357.19 16.32 0.00	241.98 15.94 0.00	191.74 14.52 -0.34	190.17 14.95 -4.37	195.15 13.37 -2.08	180.10 13.62 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.90 13.87 0.00	206.79 13.91 0.00	194.83 13.90 -1.78	187.59 13.94 0.00	183.68 14.27 -2.49	172.47 13.63 -6.11	175.95 12.30 -0.01	175.17 11.39 0.00
AST_ENERGY_2_CC3 323677	247.33 9.70 0.00	220.34 8.83 0.00	186.54 8.65 0.00	206.77 7.44 0.00	196.81 8.67 0.00	225.76 8.83 0.00	273.86 9.90 0.00	394.55 14.70 0.00	355.98 15.11 0.00	240.87 14.84 0.00	190.17 13.28 0.00	184.70 13.86 0.00	191.77 12.07 0.00	171.72 12.37 0.00	167.42 12.72 0.00	185.16 12.75 0.00	190.14 13.11 0.00	205.64 12.76 0.00	191.95 12.80 0.00	186.44 12.81 0.00	180.05 13.13 0.00	165.48 12.74 0.00	174.76 11.11 0.00	173.97 10.19 0.00
AST_ENERGY_2_CC4 323678	247.33 9.70 0.00	220.34 8.83 0.00	186.54 8.65 0.00	206.77 7.44 0.00	196.81 8.67 0.00	225.76 8.83 0.00	273.86 9.90 0.00	394.55 14.70 0.00	355.98 15.11 0.00	240.87 14.84 0.00	190.17 13.28 0.00	184.70 13.86 0.00	191.77 12.07 0.00	171.72 12.37 0.00	167.42 12.72 0.00	185.16 12.75 0.00	190.14 13.11 0.00	205.64 12.76 0.00	191.95 12.80 0.00	186.44 12.81 0.00	180.05 13.13 0.00	165.48 12.74 0.00	174.76 11.11 0.00	173.97 10.19 0.00

ATHENS_STG_1 23668	243.62 5.99 0.00	216.75 5.23 0.00	183.07 5.19 0.00	203.93 4.60 0.00	193.50 5.35 0.00	222.54 5.61 0.00	270.11 6.15 0.00	388.22 8.37 0.00	349.43 8.57 0.00	234.52 8.48 0.00	184.25 7.36 0.00	178.31 7.46 0.00	186.41 6.71 0.00	166.19 6.85 0.00	161.69 6.99 0.00	179.26 6.86 0.00	183.38 6.35 0.00	199.12 6.25 0.00	185.48 6.33 0.00	180.37 6.73 0.00	174.27 7.34 0.00	159.88 7.14 0.00	170.38 6.74 0.00	169.94 6.15 0.00
ATHENS_STG_2 23670	243.62 5.99 0.00	216.75 5.23 0.00	183.07 5.19 0.00	203.93 4.60 0.00	193.50 5.35 0.00	222.54 5.61 0.00	270.11 6.15 0.00	388.22 8.37 0.00	349.43 8.57 0.00	234.52 8.48 0.00	184.25 7.36 0.00	178.31 7.46 0.00	186.41 6.71 0.00	166.19 6.85 0.00	161.69 6.99 0.00	179.26 6.86 0.00	183.38 6.35 0.00	199.12 6.25 0.00	185.48 6.33 0.00	180.37 6.73 0.00	174.27 7.34 0.00	159.88 7.14 0.00	170.38 6.74 0.00	169.94 6.15 0.00
ATHENS_STG_3 23677	243.62 5.99 0.00	216.75 5.23 0.00	183.07 5.19 0.00	203.93 4.60 0.00	193.50 5.35 0.00	222.54 5.61 0.00	270.11 6.15 0.00	388.22 8.37 0.00	349.43 8.57 0.00	234.52 8.48 0.00	184.25 7.36 0.00	178.31 7.46 0.00	186.41 6.71 0.00	166.19 6.85 0.00	161.69 6.99 0.00	179.26 6.86 0.00	183.38 6.35 0.00	199.12 6.25 0.00	185.48 6.33 0.00	180.37 6.73 0.00	174.27 7.34 0.00	159.88 7.14 0.00	170.38 6.74 0.00	169.94 6.15 0.00
AUBURN___LFGE 323710	237.82 0.19 0.00	210.97 -0.55 0.00	177.87 -0.02 0.00	199.37 0.03 0.00	189.09 0.94 0.00	219.17 2.24 0.00	265.30 1.34 0.00	382.41 2.56 0.00	344.59 3.73 0.00	227.37 1.34 0.00	176.49 -0.40 0.00	170.21 -0.63 0.00	178.37 -1.33 0.00	158.42 -0.92 0.00	154.50 -0.20 0.00	172.43 0.03 0.00	176.10 -0.93 0.00	191.73 -1.14 0.00	178.09 -1.06 0.00	172.33 -1.32 0.00	165.61 -1.31 0.00	151.50 -1.24 0.00	162.10 -1.55 0.00	162.15 -1.63 0.00
BABYLON_RES_REC 323704	247.08 9.44 0.00	222.46 9.75 -1.20	186.60 8.71 0.00	206.24 6.91 0.00	198.64 10.49 0.00	224.82 7.89 0.00	254.97 7.51 16.51	305.69 9.47 83.64	331.88 11.87 20.86	245.00 14.41 -4.56	309.69 13.97 -118.83	187.87 14.26 -2.77	193.48 12.72 -1.06	175.59 13.11 -3.13	171.08 13.28 -3.10	188.40 13.85 -2.15	192.84 13.63 -2.18	230.18 14.43 -22.88	199.96 13.91 -6.91	192.33 14.22 -4.47	181.40 13.70 -0.78	165.71 12.97 0.00	174.19 10.54 0.00	173.65 9.68 -0.19
BABYLON__69_KV_BK2 356345	250.85 13.22 0.00	225.69 12.97 -1.20	189.49 11.61 0.00	209.36 10.03 0.00	200.32 12.18 0.00	227.63 10.69 0.00	258.44 11.46 16.97	309.67 15.66 85.84	337.19 17.70 21.37	248.79 18.50 -4.25	308.62 17.17 -114.56	191.07 17.46 -2.77	196.76 16.09 -0.96	178.41 16.22 -2.84	173.76 16.24 -2.81	191.55 17.20 -1.95	196.07 17.07 -1.98	234.24 18.50 -22.87	203.54 17.61 -6.78	195.78 17.84 -4.30	184.76 17.13 -0.71	168.78 16.04 0.00	177.12 13.47 0.00	176.40 12.45 -0.17
BALL_HILL_WT_PWR 323825	225.71 -11.92 0.00	198.17 -13.34 0.00	168.28 -9.61 0.00	191.03 -8.30 0.00	180.75 -7.40 0.00	211.76 -5.17 0.00	251.71 -12.25 0.00	358.91 -20.94 0.00	327.61 -13.26 0.00	211.87 -14.16 0.00	164.84 -12.05 0.00	157.25 -13.59 0.00	167.16 -12.54 0.00	149.56 -9.79 0.00	146.63 -8.07 0.00	162.57 -9.83 0.00	162.35 -14.68 0.00	175.82 -17.06 0.00	157.25 -17.12 4.78	143.19 -18.24 12.21	118.85 -16.55 31.52	108.76 -15.97 28.01	129.87 -16.43 17.34	148.09 -15.12 0.57
BARON_WINDS___WT_PWR 323822	231.03 -6.60 0.00	202.98 -8.54 0.00	172.18 -5.71 0.00	195.11 -4.22 0.00	185.34 -2.80 0.00	215.91 -1.02 0.00	259.81 -4.15 0.00	372.33 -7.52 0.00	336.11 -4.76 0.00	218.20 -7.83 0.00	170.06 -6.83 0.00	162.38 -8.46 0.00	171.45 -8.25 0.00	153.03 -6.30 0.00	150.55 -4.15 0.00	168.39 -4.02 0.00	169.75 -7.27 0.00	183.25 -9.63 0.00	144.99 -9.70 24.47	100.14 -11.00 62.50	-4.51 -10.12 161.31	0.14 -9.34 143.26	64.94 -9.99 88.72	150.56 -10.31 2.91
BARRETT_IC_1 23704	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.82 9.43 -19.54	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_10 23701	292.13 10.52 -43.98	239.70 10.40 -17.78	187.21 9.30 -0.02	207.32 7.97 -0.02	199.75 10.04 -1.57	225.44 8.51 0.00	276.10 7.87 -4.27	392.16 9.43 -2.87	351.48 12.08 1.46	256.97 14.54 -16.39	475.26 14.03 -284.34	187.83 14.22 -2.77	204.93 12.90 -12.33	204.01 13.13 -31.54	204.01 13.27 -36.03	209.97 13.59 -23.98	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_11 23702	292.13 10.52 -43.98	239.70 10.40 -17.78	187.21 9.30 -0.02	207.32 7.97 -0.02	199.75 10.04 -1.57	225.44 8.51 0.00	276.10 7.87 -4.27	392.16 9.43 -2.87	351.48 12.08 1.46	256.97 14.54 -16.39	475.26 14.03 -284.34	187.83 14.22 -2.77	204.93 12.90 -12.33	204.01 13.13 -31.54	204.01 13.27 -36.03	209.97 13.59 -23.98	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_12 23703	292.13 10.52 -43.98	239.70 10.40 -17.78	187.21 9.30 -0.02	207.32 7.97 -0.02	199.75 10.04 -1.57	225.44 8.51 0.00	276.10 7.87 -4.27	392.16 9.43 -2.87	351.48 12.08 1.46	256.97 14.54 -16.39	475.26 14.03 -284.34	187.83 14.22 -2.77	204.93 12.90 -12.33	204.01 13.13 -31.54	204.01 13.27 -36.03	209.97 13.59 -23.98	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_2 23705	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.82 9.43 -19.54	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_3 23706	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.82 9.43 -19.54	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_4 23707	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.82 9.43 -19.54	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19

BARRETT_IC_5 23708	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.82 9.43 -19.54	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_6 23709	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.82 9.43 -19.54	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_7 23710	408.75 10.40 -160.72	283.74 10.40 -61.82	187.25 9.32 -0.04	207.37 7.95 -0.09	199.77 10.03 -1.60	225.46 8.51 -0.02	356.17 7.90 -84.31	408.80 9.41 -19.54	351.49 12.08 1.46	284.86 14.56 -44.27	864.83 14.02 -673.92	187.84 14.23 -2.77	204.91 12.88 -12.33	209.54 13.15 -37.05	204.03 13.29 -36.03	211.11 13.61 -25.10	215.68 13.35 -25.30	231.05 13.85 -24.32	213.78 13.45 -21.18	210.61 13.61 -23.36	189.63 13.65 -9.06	165.89 13.15 0.00	174.75 11.10 0.00	176.31 10.33 -2.19
BARRETT_IC_8 23711	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.82 9.43 -19.54	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT_IC_9 23700	292.13 10.52 -43.98	239.70 10.40 -17.78	187.21 9.30 -0.02	207.32 7.97 -0.02	199.75 10.04 -1.57	225.44 8.51 0.00	276.10 7.87 -4.27	392.16 9.43 -2.87	351.48 12.08 1.46	256.97 14.54 -16.39	475.26 14.03 -284.34	187.83 14.22 -2.77	204.93 12.90 -12.33	204.01 13.13 -31.54	204.01 13.27 -36.03	209.97 13.59 -23.98	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT___1 23545	408.87 10.52 -160.72	283.74 10.40 -61.82	187.23 9.30 -0.04	207.39 7.97 -0.09	199.78 10.04 -1.60	225.45 8.51 -0.02	356.13 7.87 -84.31	408.87 9.43 -19.58	351.48 12.08 1.46	284.84 14.54 -44.27	864.84 14.03 -673.92	187.83 14.22 -2.77	204.93 12.90 -12.33	209.51 13.13 -37.05	204.01 13.27 -36.03	211.09 13.59 -25.10	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BARRETT___2 23546	292.13 10.52 -43.98	239.70 10.40 -17.78	187.21 9.30 -0.02	207.32 7.97 -0.02	199.75 10.04 -1.57	225.44 8.51 0.00	276.10 7.87 -4.27	392.16 9.43 -2.87	351.48 12.08 1.46	256.97 14.54 -16.39	475.26 14.03 -284.34	187.83 14.22 -2.77	204.93 12.90 -12.33	204.01 13.13 -31.54	204.01 13.27 -36.03	209.97 13.59 -23.98	215.68 13.35 -25.30	230.97 13.77 -24.32	213.78 13.45 -21.18	210.56 13.57 -23.36	189.56 13.58 -9.06	165.79 13.05 0.00	174.74 11.09 0.00	176.31 10.33 -2.19
BATAVIA__115KV_TB1 55881	230.76 -6.87 0.00	202.62 -8.90 0.00	171.66 -6.23 0.00	194.60 -4.73 0.00	184.24 -3.90 0.00	215.69 -1.24 0.00	256.79 -7.18 0.00	367.82 -12.05 -0.02	335.45 -5.42 0.00	217.22 -8.83 -0.02	168.89 -8.01 -0.01	161.57 -9.27 0.00	171.31 -8.39 0.00	152.37 -6.97 0.00	149.26 -5.44 0.00	165.76 -6.65 0.00	181.28 -10.63 -14.89	470.99 -11.22 -289.33	330.13 -11.10 -162.08	156.77 -11.98 4.89	141.79 -11.06 14.07	129.57 -10.63 12.54	145.34 -10.53 7.78	154.11 -9.41 0.26
BAYONEEC___CTG1 323682	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG10 323750	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG2 323683	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG3 323684	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG4 323685	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG5 323686	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG6 323687	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00

BAYONEEC___CTG7 323688	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG8 323689	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BAYONEEC___CTG9 323749	247.97 10.33 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.29 7.95 0.00	197.32 9.18 0.00	226.35 9.42 0.00	274.50 10.53 0.00	395.36 15.50 0.00	356.58 15.71 0.00	241.31 15.27 0.00	190.57 13.68 0.00	183.54 14.16 1.45	192.24 12.54 0.00	172.06 12.72 0.00	167.65 12.95 0.00	185.44 13.04 0.00	190.20 13.17 0.00	205.98 13.11 0.00	192.27 13.12 0.00	186.79 13.15 0.00	180.35 13.43 0.00	165.59 12.85 0.00	175.14 11.49 0.00	174.30 10.52 0.00
BEACON___LESR 323632	246.39 8.76 0.00	219.02 7.50 0.00	184.90 7.01 0.00	206.45 7.12 0.00	195.66 7.52 0.00	225.81 8.87 0.00	273.85 9.89 0.00	393.40 13.55 0.00	353.53 12.66 0.00	237.22 11.18 0.00	185.13 8.24 0.00	178.90 8.05 0.00	187.38 7.68 0.00	166.75 7.41 0.00	161.53 6.83 0.00	180.09 7.69 0.00	184.13 7.11 0.00	200.66 7.78 0.00	186.45 7.31 0.00	181.34 7.70 0.00	175.39 8.47 0.00	160.76 8.02 0.00	172.61 8.96 0.00	171.78 8.00 0.00
BEAVER RIVER___HYD 24048	247.18 9.55 0.00	220.62 9.11 0.00	185.37 7.48 0.00	207.92 8.58 0.00	196.05 7.91 0.00	226.69 9.76 0.00	276.63 12.67 0.00	397.80 17.95 0.00	356.02 15.15 0.00	233.76 7.72 0.00	182.73 5.84 0.00	175.40 4.56 0.00	184.35 4.65 0.00	162.98 3.64 0.00	159.21 4.51 0.00	178.52 6.12 0.00	183.02 5.99 0.00	199.67 6.79 0.00	184.85 5.70 0.00	177.04 3.40 0.00	168.77 1.85 0.00	153.10 0.36 0.00	162.99 -0.66 0.00	163.97 0.19 0.00
BEEBEE_GT_13 23619	230.79 -6.85 0.00	203.46 -8.05 0.00	172.00 -5.88 0.00	194.20 -5.13 0.00	183.77 -4.37 0.00	214.18 -2.75 0.00	256.91 -7.05 0.00	368.70 -11.15 0.00	334.48 -6.38 0.00	218.46 -7.58 0.00	170.32 -6.57 0.00	163.50 -7.34 0.00	172.72 -6.98 0.00	153.70 -5.64 0.00	150.11 -4.59 0.00	166.89 -5.51 0.00	170.38 -8.34 -1.70	216.86 -9.03 -33.01	188.94 -8.98 -18.77	164.15 -9.64 -0.14	158.24 -8.88 -0.20	144.31 -8.60 -0.17	155.06 -8.70 -0.10	155.98 -7.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	427.37 14.27 -175.47	384.52 13.11 -159.90	380.59 12.24 -190.46	381.69 11.28 -171.08	381.19 12.49 -180.56	388.43 13.13 -158.37	427.08 15.13 -147.99	541.09 22.18 -139.06	508.35 21.83 -145.65	576.15 19.25 -330.87	1311.52 16.89 -1117.74	596.19 17.16 -408.19	540.78 15.74 -345.34	519.28 15.70 -344.23	525.27 15.87 -354.70	445.07 16.05 -256.62	585.69 16.32 -392.34	364.32 16.74 -154.70	544.86 16.48 -349.23	646.04 16.36 -456.04	1602.04 16.65 -1418.47	1449.79 15.63 -1281.42	250.22 14.37 -72.20	231.96 13.34 -54.83
BETHLEHEM___GRP 23843	241.25 3.62 0.00	215.32 3.81 0.00	181.83 3.94 0.00	202.79 3.45 0.00	192.25 4.10 0.00	221.11 4.18 0.00	267.54 3.58 0.00	383.88 4.03 0.00	345.08 4.21 0.00	232.05 6.01 0.00	181.11 4.22 0.00	175.20 4.36 0.00	183.32 3.62 0.00	163.12 3.78 0.00	158.03 3.33 0.00	175.60 3.20 0.00	179.96 2.93 0.00	195.62 2.75 0.00	181.92 2.78 0.00	177.23 3.59 0.00	171.83 4.91 0.00	157.58 4.84 0.00	169.16 5.51 0.00	168.59 4.81 0.00
BETHLEHEM___GS1 323560	241.26 3.63 0.00	215.32 3.80 0.00	181.83 3.94 0.00	202.78 3.45 0.00	192.26 4.12 0.00	221.10 4.16 0.00	267.57 3.61 0.00	383.92 4.07 0.00	345.05 4.19 0.00	232.01 5.97 0.00	181.11 4.22 0.00	175.20 4.36 0.00	183.30 3.60 0.00	163.12 3.78 0.00	158.03 3.33 0.00	175.58 3.18 0.00	179.94 2.91 0.00	195.58 2.70 0.00	181.88 2.73 0.00	177.21 3.57 0.00	171.70 4.78 0.00	157.57 4.83 0.00	169.16 5.51 0.00	168.59 4.81 0.00
BETHLEHEM___GS2 323561	241.26 3.63 0.00	215.32 3.80 0.00	181.83 3.94 0.00	202.78 3.45 0.00	192.26 4.12 0.00	221.10 4.16 0.00	267.57 3.61 0.00	383.92 4.07 0.00	345.05 4.19 0.00	232.01 5.97 0.00	181.11 4.22 0.00	175.20 4.36 0.00	183.30 3.60 0.00	163.12 3.78 0.00	158.03 3.33 0.00	175.58 3.18 0.00	179.94 2.91 0.00	195.58 2.70 0.00	181.88 2.73 0.00	177.21 3.57 0.00	171.70 4.78 0.00	157.57 4.83 0.00	169.16 5.51 0.00	168.59 4.81 0.00
BETHLEHEM___GS3 323562	241.26 3.63 0.00	215.32 3.80 0.00	181.83 3.94 0.00	202.78 3.45 0.00	192.26 4.12 0.00	221.10 4.16 0.00	267.57 3.61 0.00	383.92 4.07 0.00	345.05 4.19 0.00	232.01 5.97 0.00	181.11 4.22 0.00	175.20 4.36 0.00	183.30 3.60 0.00	163.12 3.78 0.00	158.03 3.33 0.00	175.58 3.18 0.00	179.94 2.91 0.00	195.58 2.70 0.00	181.88 2.73 0.00	177.21 3.57 0.00	171.70 4.78 0.00	157.57 4.83 0.00	169.16 5.51 0.00	168.59 4.81 0.00
BETHLEHEM___STEEL 23779	225.75 -11.88 0.00	197.88 -13.64 0.00	167.89 -10.00 0.00	190.58 -8.75 0.00	180.41 -7.73 0.00	211.21 -5.72 0.00	250.59 -13.37 0.00	357.96 -21.89 0.00	326.52 -14.35 0.00	211.31 -14.73 0.00	164.56 -12.33 0.00	157.33 -13.51 0.00	167.00 -12.70 0.00	148.98 -10.36 0.00	145.75 -8.95 0.00	161.91 -10.49 0.00	161.86 -15.17 0.00	175.35 -17.52 0.00	157.74 -16.95 4.46	144.61 -17.65 11.38	121.07 -16.46 29.38	111.13 -15.50 26.11	132.09 -15.39 16.17	149.19 -14.06 0.53
BETHLHEM_115KV_TB1 79974	241.46 3.83 0.00	215.41 3.89 0.00	181.93 4.05 0.00	202.85 3.52 0.00	192.32 4.18 0.00	221.17 4.24 0.00	267.79 3.82 0.00	384.41 4.56 0.00	345.51 4.64 0.00	232.22 6.18 0.00	181.36 4.47 0.00	175.47 4.63 0.00	183.60 3.90 0.00	163.40 4.06 0.00	158.39 3.69 0.00	176.04 3.64 0.00	180.28 3.25 0.00	196.01 3.13 0.00	182.28 3.13 0.00	177.53 3.89 0.00	172.00 5.08 0.00	157.73 5.00 0.00	169.16 5.51 0.00	168.61 4.83 0.00
BETHPAGE_CC_5 323564	253.71 12.33 -3.75	226.06 11.93 -2.61	188.32 10.43 0.00	208.31 8.98 0.00	199.19 11.00 -0.05	226.66 9.73 0.00	261.02 10.19 13.12	316.93 13.52 76.44	337.32 15.73 19.29	248.45 16.76 -5.65	326.92 15.93 -134.10	189.58 15.97 -2.77	195.77 14.65 -1.42	178.32 14.80 -4.18	173.70 14.85 -4.15	190.79 15.52 -2.87	195.20 15.26 -2.91	231.64 15.84 -22.92	201.80 15.29 -7.36	194.24 15.54 -5.07	183.06 15.09 -1.04	166.98 14.24 0.00	176.01 12.37 0.00	175.41 11.37 -0.25
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	226.79 -10.84 0.00	198.79 -12.72 0.00	168.58 -9.30 0.00	191.34 -7.99 0.00	181.13 -7.01 0.00	212.06 -4.87 0.00	251.77 -12.19 0.00	359.73 -20.12 0.00	328.11 -12.76 0.00	212.40 -13.64 0.00	165.57 -11.32 0.00	158.23 -12.61 0.00	167.98 -11.72 0.00	149.86 -9.48 0.00	146.57 -8.14 0.00	162.80 -9.60 0.00	162.78 -14.25 0.00	176.29 -16.59 0.00	158.93 -16.03 4.20	146.28 -16.65 10.71	123.71 -15.56 27.65	113.40 -14.77 24.57	133.85 -14.58 15.22	149.85 -13.43 0.50

BINGHAMTON___COGEN 23790	238.63 1.00 0.00	210.99 -0.53 0.00	177.72 -0.17 0.00	199.22 -0.12 0.00	188.91 0.77 0.00	218.85 1.91 0.00	265.50 1.53 0.00	381.60 1.75 0.00	343.79 2.92 0.00	227.22 1.18 0.00	177.92 1.02 0.00	171.02 0.18 0.00	179.90 0.20 0.00	160.19 0.85 0.00	156.19 1.48 0.00	173.61 1.21 0.00	176.86 -0.16 0.00	192.09 -0.79 0.00	178.59 -0.56 0.00	172.95 -0.69 0.00	166.29 -0.63 0.00	152.47 -0.27 0.00	163.59 -0.06 0.00	163.42 -0.36 0.00
BIXINCNT_115KV_LOAD 355685	233.96 -3.67 0.00	205.07 -6.45 0.00	173.66 -4.23 0.00	196.10 -3.24 0.00	186.30 -1.85 0.00	217.87 0.94 0.00	259.49 -4.47 0.00	371.35 -8.50 0.00	337.67 -3.20 0.00	219.12 -6.91 0.00	171.62 -5.27 0.00	163.75 -7.10 0.00	173.62 -6.08 0.00	155.03 -4.31 0.00	151.88 -2.82 0.00	168.37 -4.03 0.00	167.88 -9.15 0.00	180.19 -12.68 0.00	163.87 -12.48 2.80	153.52 -12.97 7.15	135.98 -12.47 18.47	122.86 -13.47 16.41	140.62 -12.86 10.17	150.09 -13.36 0.33
BLACK RIVER___HYD 24047	249.15 11.52 0.00	222.11 10.59 0.00	186.82 8.93 0.00	209.54 10.21 0.00	198.13 9.99 0.00	229.78 12.85 0.00	281.30 17.34 0.00	405.04 25.19 0.00	362.95 22.08 0.00	238.11 12.07 0.00	185.94 9.05 0.00	178.33 7.49 0.00	187.32 7.62 0.00	165.63 6.29 0.00	161.99 7.28 0.00	181.92 9.52 0.00	186.17 9.15 0.00	203.25 10.37 0.00	188.38 9.23 0.00	180.07 6.42 0.00	171.31 4.39 0.00	154.92 2.18 0.00	164.20 0.55 0.00	164.64 0.86 0.00
BLACKRVR_115KV_TB2 79977	249.17 11.54 0.00	222.11 10.59 0.00	186.81 8.92 0.00	209.55 10.21 0.00	198.13 9.99 0.00	229.78 12.85 0.00	281.28 17.32 0.00	405.05 25.19 0.00	362.95 22.08 0.00	238.11 12.08 0.00	185.93 9.04 0.00	178.36 7.51 0.00	187.32 7.62 0.00	165.63 6.29 0.00	161.99 7.29 0.00	181.92 9.52 0.00	186.16 9.13 0.00	203.24 10.36 0.00	188.35 9.21 0.00	180.07 6.43 0.00	171.25 4.33 0.00	154.90 2.16 0.00	164.22 0.57 0.00	164.64 0.86 0.00
BLISS_WT_PWR 323608	233.99 -3.64 0.00	205.23 -6.29 0.00	173.88 -4.01 0.00	196.29 -3.04 0.00	186.64 -1.50 0.00	218.27 1.34 0.00	260.12 -3.85 0.00	372.10 -7.75 0.00	338.30 -2.57 0.00	219.44 -6.59 0.00	171.93 -4.97 0.00	163.92 -6.93 0.00	173.82 -5.88 0.00	155.22 -4.13 0.00	152.16 -2.54 0.00	168.59 -3.81 0.00	168.02 -9.01 0.00	180.57 -12.31 0.00	163.91 -12.44 2.80	153.30 -13.19 7.15	136.18 -12.27 18.47	122.37 -13.95 16.41	139.72 -13.76 10.17	148.85 -14.60 0.33
BLUESTONE___WT_PWR 323821	253.15 15.52 0.00	223.15 11.63 0.00	186.07 8.19 0.00	209.67 10.33 0.00	200.59 12.45 0.00	234.82 17.89 0.00	287.95 23.98 0.00	414.62 34.77 0.00	374.23 33.36 0.00	246.89 20.86 0.00	192.38 15.49 0.00	184.18 13.34 0.00	193.60 13.90 0.00	172.01 12.67 0.00	170.21 15.51 0.00	189.38 16.98 0.00	194.03 17.00 0.00	210.02 17.14 0.00	193.55 14.40 0.00	186.43 12.79 0.00	177.26 10.34 0.00	159.30 6.57 0.00	170.28 6.63 0.00	170.62 6.84 0.00
BLUE_CIRC_CHEM_DRP 24182	243.36 5.72 0.00	216.77 5.25 0.00	182.94 5.05 0.00	204.18 4.85 0.00	193.53 5.39 0.00	222.85 5.92 0.00	270.14 6.18 0.00	387.74 7.89 0.00	348.31 7.44 0.00	233.09 7.05 0.00	182.11 5.22 0.00	176.04 5.20 0.00	184.38 4.68 0.00	164.09 4.75 0.00	159.25 4.55 0.00	177.19 4.79 0.00	181.63 4.60 0.00	197.56 4.68 0.00	183.69 4.54 0.00	178.66 5.02 0.00	172.89 5.97 0.00	158.46 5.72 0.00	169.69 6.04 0.00	169.36 5.58 0.00
BOC_GAS_DRP 24189	241.52 3.89 0.00	215.09 3.58 0.00	181.60 3.71 0.00	202.55 3.22 0.00	191.97 3.82 0.00	220.88 3.95 0.00	267.79 3.83 0.00	384.70 4.85 0.00	345.93 5.06 0.00	231.87 5.84 0.00	181.64 4.75 0.00	175.71 4.87 0.00	183.90 4.20 0.00	163.77 4.43 0.00	159.06 4.36 0.00	176.61 4.21 0.00	180.77 3.74 0.00	196.51 3.63 0.00	182.83 3.68 0.00	177.87 4.22 0.00	171.96 5.04 0.00	157.64 4.90 0.00	168.60 4.95 0.00	168.21 4.43 0.00
BOONVILLE_115KV_TB1 79983	246.77 9.14 0.00	219.85 8.34 0.00	184.96 7.07 0.00	207.22 7.89 0.00	195.91 7.76 0.00	226.56 9.63 0.00	276.20 12.23 0.00	397.29 17.44 0.00	356.10 15.24 0.00	234.86 8.82 0.00	183.47 6.58 0.00	176.37 5.53 0.00	185.08 5.38 0.00	164.08 4.74 0.00	160.35 5.65 0.00	179.36 6.96 0.00	183.78 6.75 0.00	200.43 7.55 0.00	185.72 6.57 0.00	178.82 5.18 0.00	171.42 4.50 0.00	156.03 3.30 0.00	166.33 2.68 0.00	166.68 2.90 0.00
BORALEX_4TH_BRANCH 23824	246.40 8.77 0.00	218.60 7.08 0.00	184.87 6.98 0.00	205.96 6.63 0.00	195.41 7.27 0.00	224.89 7.96 0.00	271.78 7.82 0.00	389.91 10.06 0.00	351.20 10.33 0.00	235.45 9.42 0.00	184.72 7.83 0.00	178.67 7.83 0.00	186.53 6.83 0.00	166.22 6.88 0.00	161.65 6.95 0.00	180.28 7.88 0.00	184.49 7.46 0.00	200.66 7.78 0.00	187.09 7.94 0.00	181.89 8.25 0.00	176.47 9.55 0.00	161.75 9.01 0.00	173.14 9.49 0.00	172.49 8.70 0.00
BOWLINE___1 23526	245.04 7.42 0.00	218.27 6.75 0.00	184.42 6.54 0.00	204.70 5.36 0.00	194.68 6.53 0.00	223.39 6.46 0.00	271.21 7.25 0.00	390.60 10.75 0.00	352.19 11.32 0.00	237.60 11.56 0.00	187.35 10.46 0.00	181.77 10.93 0.00	188.89 9.19 0.00	168.84 9.50 0.00	164.60 9.90 0.00	182.05 9.65 0.00	186.58 9.55 0.00	202.64 9.77 0.00	188.98 9.83 0.00	183.52 9.88 0.00	177.27 10.34 0.00	162.86 10.12 0.00	172.58 8.93 0.00	172.03 8.25 0.00
BOWLINE___2 23595	245.04 7.42 0.00	218.27 6.75 0.00	184.47 6.58 0.00	204.70 5.36 0.00	194.68 6.53 0.00	223.39 6.46 0.00	271.21 7.25 0.00	390.60 10.75 0.00	352.19 11.32 0.00	237.61 11.58 0.00	187.37 10.48 0.00	181.78 10.94 0.00	188.89 9.19 0.00	168.90 9.56 0.00	164.67 9.97 0.00	182.09 9.69 0.00	186.62 9.59 0.00	202.64 9.77 0.00	188.99 9.84 0.00	183.53 9.89 0.00	177.32 10.40 0.00	162.94 10.21 0.00	172.65 9.00 0.00	172.06 8.28 0.00
BRADY___115KV_TB2 356060	246.88 9.25 0.00	220.12 8.61 0.00	183.62 5.73 0.00	206.75 7.41 0.00	193.15 5.01 0.00	222.55 5.62 0.00	271.08 7.12 0.00	389.93 10.08 0.00	347.63 6.76 0.00	226.36 0.33 0.00	176.38 -0.51 0.00	170.06 -0.78 0.00	180.46 0.77 0.00	159.26 -0.09 0.00	153.99 -0.71 0.00	173.07 0.67 0.00	179.15 2.13 0.00	196.43 3.56 0.00	182.26 3.11 0.00	176.06 2.42 0.00	168.24 1.32 0.00	154.44 1.70 0.00	166.61 2.96 0.00	167.88 4.10 0.00
BRANSCOMB___SOLAR 323811	249.88 12.25 0.00	221.77 10.26 0.00	187.22 9.33 0.00	208.95 9.62 0.00	198.17 10.02 0.00	228.72 11.79 0.00	278.51 14.55 0.00	400.51 20.66 0.00	359.48 18.61 0.00	239.39 13.36 0.00	186.83 9.94 0.00	180.37 9.52 0.00	188.61 8.91 0.00	167.43 8.09 0.00	162.96 8.26 0.00	182.22 9.81 0.00	188.06 11.03 0.00	205.02 12.14 0.00	190.80 11.65 0.00	185.25 11.60 0.00	178.89 11.97 0.00	163.64 10.91 0.00	174.65 11.00 0.00	173.96 10.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	242.13 11.01 6.50	221.49 11.23 1.26	187.91 10.02 0.00	207.55 8.22 0.00	198.34 10.27 0.06	225.29 8.36 0.00	251.02 8.75 21.68	298.66 12.01 93.20	332.21 14.26 22.91	245.53 16.37 -3.12	291.24 15.53 -98.81	189.50 15.89 -2.77	194.80 14.50 -0.60	176.09 14.96 -1.78	171.48 15.02 -1.76	189.36 15.73 -1.22	193.75 15.49 -1.23	232.39 16.70 -22.82	201.39 15.91 -6.32	193.48 16.14 -3.69	182.92 15.56 -0.44	167.51 14.78 0.00	175.66 12.01 0.00	175.00 11.11 -0.11



BRISTLHL_115KV_TB1 79998	231.71 -5.92 0.00	205.80 -5.71 0.00	173.58 -4.30 0.00	194.53 -4.80 0.00	184.16 -3.98 0.00	212.85 -4.08 0.00	259.12 -4.84 0.00	374.60 -5.25 0.00	337.10 -3.77 0.00	222.71 -3.33 0.00	174.02 -2.88 0.00	167.68 -3.16 0.00	176.21 -3.49 0.00	156.21 -3.14 0.00	152.21 -2.49 0.00	169.52 -2.88 0.00	173.27 -3.76 0.00	188.65 -4.23 0.00	175.19 -3.95 0.00	169.55 -4.09 0.00	163.18 -3.74 0.00	149.20 -3.53 0.00	159.67 -3.98 0.00	159.63 -4.15 0.00
BROOKHAVEN___DRP 24191	239.48 9.54 7.68	220.42 10.61 1.70	187.83 9.95 0.00	206.97 7.64 0.00	197.64 9.58 0.08	223.76 6.83 0.00	246.83 5.54 22.67	292.06 7.30 95.09	327.91 10.36 23.32	243.47 14.60 -2.84	286.04 14.38 -94.77	189.75 16.13 -2.77	194.89 14.68 -0.51	175.88 15.03 -1.51	171.31 15.12 -1.49	189.54 16.11 -1.03	193.76 17.16 -1.04	232.85 17.16 -22.81	200.69 15.34 -6.20	193.64 16.46 -3.54	182.54 15.25 -0.37	167.07 14.34 0.00	174.27 10.62 0.00	174.05 10.18 -0.09
BROOKLYN_NAVY_YARD 23515	247.99 10.36 0.00	220.81 9.29 0.00	186.98 9.10 0.00	207.25 7.92 0.00	197.31 9.17 0.00	226.43 9.49 0.00	275.35 10.72 -0.66	396.09 16.24 0.00	357.69 16.82 0.00	241.94 15.90 0.00	190.54 13.65 0.00	185.72 14.67 -0.21	192.54 12.84 0.00	172.35 13.01 0.00	167.87 13.17 0.00	185.60 13.20 0.00	190.33 13.30 0.00	206.16 13.29 0.00	192.55 13.40 0.00	187.00 13.36 0.00	180.57 13.65 0.00	165.80 13.07 0.00	175.18 11.53 0.00	174.30 10.52 0.00
BROOKLYN___ARMY_DRP 323595	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.14 15.55 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
BROOKVLE_69_KV_TB1 55790	266.72 13.42 -15.68	231.23 12.60 -7.11	189.07 11.18 0.00	209.47 10.13 -0.01	199.95 11.63 -0.18	227.53 10.60 0.00	276.80 11.56 -1.28	357.93 15.64 37.57	347.52 17.15 10.50	252.40 17.78 -8.58	369.41 17.40 -175.12	190.82 17.21 -2.77	198.08 16.04 -2.34	182.18 15.96 -6.89	177.53 15.98 -6.84	193.83 16.70 -4.73	198.44 16.61 -4.80	233.24 17.32 -23.04	204.25 16.58 -8.52	197.05 16.80 -6.61	185.25 16.61 -1.72	168.33 15.60 0.00	177.28 13.64 0.00	176.51 12.31 -0.42
BROOME_2_LFGE 323671	238.60 0.97 0.00	210.97 -0.55 0.00	177.72 -0.17 0.00	199.22 -0.11 0.00	188.90 0.76 0.00	218.85 1.91 0.00	265.51 1.54 0.00	381.61 1.76 0.00	343.79 2.92 0.00	227.22 1.19 0.00	177.92 1.03 0.00	171.03 0.18 0.00	179.90 0.20 0.00	160.18 0.84 0.00	156.19 1.48 0.00	173.63 1.23 0.00	176.88 -0.15 0.00	192.09 -0.79 0.00	178.59 -0.56 0.00	172.97 -0.68 0.00	166.28 -0.64 0.00	152.46 -0.27 0.00	163.59 -0.05 0.00	163.44 -0.34 0.00
BROOME___LFGE 323600	238.60 0.97 0.00	210.97 -0.55 0.00	177.72 -0.17 0.00	199.22 -0.11 0.00	188.90 0.76 0.00	218.85 1.91 0.00	265.51 1.54 0.00	381.61 1.76 0.00	343.79 2.92 0.00	227.22 1.19 0.00	177.92 1.03 0.00	171.03 0.18 0.00	179.90 0.20 0.00	160.18 0.84 0.00	156.19 1.48 0.00	173.63 1.23 0.00	176.88 -0.15 0.00	192.09 -0.79 0.00	178.59 -0.56 0.00	172.97 -0.68 0.00	166.28 -0.64 0.00	152.46 -0.27 0.00	163.59 -0.05 0.00	163.44 -0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	245.82 8.19 0.00	219.38 7.86 0.00	183.73 5.84 0.00	206.43 7.09 0.00	193.53 5.39 0.00	222.77 5.83 0.00	270.66 6.70 0.00	389.24 9.40 0.00	347.84 6.97 0.00	228.06 2.02 0.00	178.57 1.68 0.00	171.69 0.85 0.00	181.04 1.34 0.00	159.94 0.60 0.00	155.57 0.87 0.00	174.10 1.70 0.00	179.07 2.04 0.00	195.66 2.78 0.00	181.29 2.15 0.00	174.22 0.58 0.00	166.27 -0.65 0.00	152.13 -0.60 0.00	163.28 -0.36 0.00	164.68 0.90 0.00
BROWNSV1_27_KV_LOAD 356125	251.43 13.80 0.00	223.82 12.30 0.00	189.39 11.50 0.00	209.99 10.66 0.00	199.85 11.71 0.00	229.42 12.48 0.00	278.43 14.47 0.00	401.36 21.51 0.00	362.15 21.28 0.00	244.86 18.83 0.00	193.36 16.46 0.00	187.67 16.83 0.00	195.05 15.35 0.00	174.51 15.17 0.00	169.99 15.29 0.00	188.17 15.78 0.00	192.97 15.94 0.00	209.11 16.23 0.00	195.09 15.94 0.00	189.50 15.85 0.00	183.00 16.08 0.00	167.92 15.19 0.00	177.57 13.92 0.00	176.55 12.77 0.00
BURROWS___LYONSDAL 23803	246.87 9.24 0.00	220.07 8.55 0.00	185.13 7.25 0.00	207.46 8.12 0.00	196.05 7.91 0.00	226.69 9.76 0.00	276.44 12.48 0.00	397.64 17.79 0.00	356.25 15.39 0.00	234.73 8.69 0.00	183.33 6.44 0.00	176.23 5.39 0.00	184.94 5.24 0.00	163.83 4.49 0.00	160.11 5.40 0.00	179.25 6.85 0.00	183.66 6.63 0.00	200.28 7.41 0.00	185.46 6.32 0.00	178.27 4.63 0.00	170.61 3.69 0.00	155.06 2.32 0.00	165.13 1.48 0.00	165.71 1.93 0.00
CAITHNESS_CC_1 323624	238.89 8.97 7.71	219.57 9.76 1.71	187.07 9.18 0.00	206.24 6.91 0.00	196.95 8.89 0.08	223.10 6.17 0.00	246.28 5.01 22.69	291.21 6.50 95.14	327.09 9.55 23.33	242.86 13.99 -2.83	285.45 13.89 -94.67	188.82 15.21 -2.77	194.02 13.81 -0.51	175.17 14.32 -1.50	170.58 14.40 -1.48	188.64 15.22 -1.03	192.86 14.79 -1.04	231.69 16.00 -22.81	199.93 14.59 -6.20	192.72 15.54 -3.53	181.82 14.52 -0.37	166.47 13.73 0.00	173.98 10.33 0.00	173.56 9.69 -0.09
CALPINE BETH_PAGE_GT4 24209	258.78 12.49 -8.67	228.07 12.09 -4.46	188.49 10.60 0.00	208.55 9.22 0.00	199.41 11.16 -0.10	226.90 9.97 0.00	265.51 10.49 8.95	325.61 13.94 68.18	339.44 16.07 17.49	249.86 16.97 -6.86	344.02 16.15 -150.98	189.72 16.11 -2.77	196.29 14.78 -1.82	179.62 14.95 -5.33	175.01 14.99 -5.31	191.71 15.64 -3.67	196.17 15.41 -3.73	231.61 15.76 -22.98	202.24 15.22 -7.86	194.75 15.38 -5.73	183.28 15.03 -1.34	166.98 14.24 0.00	176.21 12.56 0.00	175.65 11.55 -0.32
CALPINE_BETH_PAGE_GT_4 323586	258.88 12.58 -8.67	228.09 12.11 -4.46	188.47 10.58 0.00	208.56 9.22 0.00	199.41 11.16 -0.10	226.90 9.96 0.00	265.50 10.49 8.95	325.54 13.87 68.18	339.42 16.05 17.49	249.86 16.96 -6.86	344.02 16.14 -150.99	189.73 16.12 -2.77	196.32 14.80 -1.82	179.64 14.96 -5.33	175.01 14.99 -5.31	191.70 15.62 -3.67	196.14 15.38 -3.73	231.50 15.65 -22.98	202.14 15.13 -7.86	194.74 15.36 -5.73	183.20 14.95 -1.34	166.87 14.13 0.00	176.20 12.55 0.00	175.65 11.55 -0.32
CALPINE_BP_GT1 23823	258.88 12.58 -8.67	228.09 12.11 -4.46	188.47 10.58 0.00	208.56 9.22 0.00	199.41 11.16 -0.10	226.90 9.96 0.00	265.50 10.49 8.95	325.54 13.87 68.18	339.42 16.05 17.49	249.86 16.96 -6.86	344.02 16.14 -150.99	189.73 16.12 -2.77	196.32 14.80 -1.82	179.64 14.96 -5.33	175.01 14.99 -5.31	191.70 15.62 -3.67	196.14 15.38 -3.73	231.50 15.65 -22.98	202.14 15.13 -7.86	194.74 15.36 -5.73	183.20 14.95 -1.34	166.87 14.13 0.00	176.20 12.55 0.00	175.65 11.55 -0.32
CALSPAN___DRP 24200	225.75 -11.88 0.00	197.88 -13.64 0.00	167.89 -10.00 0.00	190.58 -8.75 0.00	180.41 -7.73 0.00	211.21 -5.72 0.00	250.59 -13.37 0.00	357.96 -21.89 0.00	326.52 -14.35 0.00	211.31 -14.73 0.00	164.56 -12.33 0.00	157.33 -13.51 0.00	167.00 -12.70 0.00	148.98 -10.36 0.00	145.75 -8.95 0.00	161.91 -10.49 0.00	161.86 -15.17 0.00	175.35 -17.52 0.00	157.74 -16.95 4.46	144.61 -17.65 11.38	121.07 -16.46 29.38	111.13 -15.50 26.11	132.09 -15.39 16.17	149.19 -14.06 0.53

CALVERTON___SOLAR 323806	240.56 10.60 7.67	221.35 11.54 1.70	188.71 10.82 0.00	207.83 8.50 0.00	198.48 10.42 0.08	224.59 7.65 0.00	247.50 6.20 22.66	293.21 8.43 95.07	329.01 11.45 23.32	244.23 15.35 -2.84	286.76 15.06 -94.81	190.72 17.11 -2.77	195.86 15.65 -0.51	176.72 15.87 -1.51	172.10 15.91 -1.49	190.51 17.07 -1.03	194.67 16.60 -1.05	233.88 18.19 -22.81	201.44 16.08 -6.20	194.72 17.53 -3.54	183.33 16.04 -0.37	167.72 14.99 0.00	174.79 11.14 0.00	174.71 10.84 -0.09
CANDIGU_WT_PWR 323617	231.03 -6.60 0.00	202.98 -8.54 0.00	172.18 -5.71 0.00	195.11 -4.22 0.00	185.34 -2.80 0.00	215.91 -1.02 0.00	259.81 -4.15 0.00	372.33 -7.52 0.00	336.11 -4.76 0.00	218.20 -7.83 0.00	170.06 -6.83 0.00	162.38 -8.46 0.00	171.45 -8.25 0.00	153.03 -6.30 0.00	150.55 -4.15 0.00	168.39 -4.02 0.00	169.75 -7.27 0.00	183.25 -9.63 0.00	144.99 -9.70 24.47	100.14 -11.00 62.50	-4.51 -10.12 161.31	0.14 -9.34 143.26	64.94 -9.99 88.72	150.56 -10.31 2.91
CARR STREET_E_SYR 24060	232.75 -4.88 0.00	206.60 -4.92 0.00	174.22 -3.67 0.00	195.26 -4.07 0.00	184.96 -3.18 0.00	213.91 -3.02 0.00	259.95 -4.01 0.00	374.63 -5.22 0.00	337.14 -3.73 0.00	222.80 -3.24 0.00	174.07 -2.82 0.00	167.70 -3.15 0.00	176.23 -3.47 0.00	156.57 -2.78 0.00	152.64 -2.06 0.00	169.87 -2.53 0.00	173.54 -3.48 0.00	188.84 -4.04 0.00	175.38 -3.77 0.00	169.75 -3.89 0.00	163.35 -3.57 0.00	149.43 -3.31 0.00	159.85 -3.80 0.00	159.84 -3.94 0.00
CARTHAGE___PAPER 23857	250.05 12.42 0.00	223.13 11.61 0.00	187.47 9.58 0.00	210.34 11.01 0.00	198.54 10.39 0.00	229.88 12.95 0.00	281.22 17.26 0.00	404.59 24.74 0.00	362.02 21.15 0.00	237.54 11.51 0.00	185.61 8.72 0.00	178.08 7.24 0.00	187.19 7.50 0.00	165.52 6.17 0.00	161.71 7.00 0.00	181.58 9.18 0.00	185.97 8.94 0.00	203.11 10.23 0.00	188.14 8.99 0.00	180.02 6.38 0.00	171.42 4.49 0.00	155.25 2.51 0.00	164.93 1.28 0.00	165.65 1.87 0.00
CASSADAGA_WT_PWR 323784	228.68 -8.95 0.00	200.80 -10.72 0.00	170.94 -6.94 0.00	194.14 -5.19 0.00	183.73 -4.41 0.00	215.75 -1.19 0.00	257.50 -6.46 0.00	366.18 -13.67 0.00	334.21 -6.66 0.00	215.73 -10.30 0.00	167.07 -9.82 0.00	158.77 -12.07 0.00	169.64 -10.06 0.00	152.69 -6.65 0.00	150.60 -4.10 0.00	166.50 -5.90 0.00	165.44 -11.59 0.00	177.03 -15.85 0.00	158.59 -17.19 3.37	146.58 -18.46 8.61	127.36 -17.34 22.21	115.68 -17.31 19.74	133.57 -17.85 12.23	146.82 -16.56 0.40
CE_DUNWOOD___DRP 24194	247.14 9.51 0.00	220.10 8.58 0.00	186.19 8.30 0.00	206.61 7.27 0.00	196.51 8.37 0.00	225.53 8.60 0.00	273.70 9.74 0.00	394.01 14.16 0.00	355.35 14.48 0.00	239.91 13.87 0.00	189.32 12.43 0.00	183.58 12.74 0.00	190.95 11.25 0.00	170.76 11.42 0.00	166.38 11.68 0.00	184.11 11.71 0.00	188.69 11.67 0.00	204.87 11.99 0.00	191.00 11.85 0.00	185.56 11.92 0.00	179.21 12.29 0.00	164.51 11.78 0.00	174.20 10.55 0.00	173.45 9.67 0.00
CE_MILLWOOD___DRP 24193	246.66 9.03 0.00	219.66 8.14 0.00	185.74 7.86 0.00	206.19 6.86 0.00	196.06 7.92 0.00	225.02 8.09 0.00	273.15 9.19 0.00	393.22 13.37 0.00	354.61 13.74 0.00	239.29 13.26 0.00	188.77 11.88 0.00	183.03 12.19 0.00	190.35 10.65 0.00	170.21 10.87 0.00	165.83 11.12 0.00	183.55 11.14 0.00	188.09 11.06 0.00	204.24 11.36 0.00	190.45 11.30 0.00	185.01 11.37 0.00	178.69 11.76 0.00	164.05 11.31 0.00	173.75 10.10 0.00	173.08 9.30 0.00
CE_NYC2_DRP 24202	248.49 10.86 0.00	221.61 10.09 0.00	187.86 9.97 0.00	208.10 8.77 0.00	198.20 10.06 0.00	227.20 10.27 0.00	275.45 11.48 0.00	396.42 16.57 0.00	357.62 16.75 0.00	242.20 16.17 0.00	191.91 14.68 -0.34	190.35 15.12 -4.39	195.36 13.57 -2.08	180.26 13.78 -7.14	176.11 13.97 -7.43	186.38 13.98 0.00	191.10 14.07 0.00	207.11 14.24 0.00	195.09 14.16 -1.78	187.79 14.15 0.00	183.90 14.49 -2.49	172.64 13.79 -6.11	176.11 12.46 -0.01	175.24 11.46 0.00
CE_NYC_DRP 24195	248.69 11.06 0.00	221.49 9.97 0.00	187.49 9.60 0.00	207.87 8.54 0.00	197.87 9.73 0.00	227.01 10.08 0.00	275.32 11.35 0.00	396.52 16.67 0.00	357.80 16.93 0.00	242.00 15.97 0.00	191.09 14.19 0.00	185.55 14.71 0.00	192.80 13.10 0.00	172.60 13.26 0.00	168.12 13.42 0.00	185.97 13.56 0.00	190.76 13.73 0.00	206.71 13.83 0.00	192.84 13.69 0.00	187.28 13.64 0.00	180.86 13.93 0.00	166.03 13.30 0.00	175.53 11.89 0.00	174.61 10.83 0.00
CHAFFEE___LFGE 323603	227.83 -9.80 0.00	199.78 -11.74 0.00	169.39 -8.50 0.00	192.19 -7.14 0.00	181.98 -6.16 0.00	213.14 -3.79 0.00	253.24 -10.73 0.00	361.76 -18.09 0.00	330.12 -10.75 0.00	213.78 -12.26 0.00	166.58 -10.31 0.00	159.31 -11.53 0.00	168.97 -10.73 0.00	150.75 -8.59 0.00	147.42 -7.28 0.00	163.66 -8.73 0.00	163.84 -13.19 0.00	178.18 -14.69 0.00	161.14 -14.38 3.62	149.03 -15.36 9.25	129.40 -13.64 23.88	118.34 -13.18 21.22	137.17 -13.34 13.14	151.10 -12.25 0.43
CHATEAUG_35_KV_LOAD 355732	241.60 3.97 0.00	216.14 4.62 0.00	180.02 2.13 0.00	202.39 3.06 0.00	189.53 1.39 0.00	218.96 2.03 0.00	268.07 4.11 0.00	385.00 5.15 0.00	343.56 2.69 0.00	225.64 -0.40 0.00	175.85 -1.04 0.00	169.95 -0.89 0.00	179.52 -0.18 0.00	159.27 -0.07 0.00	154.15 -0.55 0.00	172.72 0.32 0.00	178.73 1.70 0.00	195.64 2.77 0.00	181.54 2.39 0.00	175.51 1.87 0.00	167.85 0.93 0.00	152.90 0.17 0.00	164.55 0.90 0.00	165.06 1.28 0.00
CHATEAUG_WT_PWR 323614	240.65 3.02 0.00	215.13 3.61 0.00	179.32 1.44 0.00	201.45 2.12 0.00	188.89 0.75 0.00	218.18 1.25 0.00	267.05 3.09 0.00	383.54 3.70 0.00	342.21 1.34 0.00	225.17 -0.87 0.00	175.74 -1.15 0.00	169.92 -0.92 0.00	179.43 -0.27 0.00	159.29 -0.05 0.00	154.24 -0.46 0.00	172.51 0.11 0.00	178.04 1.01 0.00	194.63 1.75 0.00	180.67 1.52 0.00	174.70 1.06 0.00	167.03 0.11 0.00	152.28 -0.46 0.00	163.91 0.26 0.00	164.51 0.72 0.00
CHAT_HIGH_FALL_HYD 323578	241.60 3.97 0.00	216.14 4.62 0.00	180.02 2.13 0.00	202.39 3.06 0.00	189.53 1.39 0.00	218.96 2.03 0.00	268.07 4.11 0.00	385.00 5.15 0.00	343.56 2.69 0.00	225.64 -0.40 0.00	175.85 -1.04 0.00	169.95 -0.89 0.00	179.52 -0.18 0.00	159.27 -0.07 0.00	154.15 -0.55 0.00	172.72 0.32 0.00	178.73 1.70 0.00	195.64 2.77 0.00	181.54 2.39 0.00	175.51 1.87 0.00	167.85 0.93 0.00	152.90 0.17 0.00	164.55 0.90 0.00	165.06 1.28 0.00
CHAUTAUQUA___LFGE 323629	227.16 -10.47 0.00	199.46 -12.05 0.00	169.55 -8.34 0.00	192.58 -6.76 0.00	182.19 -5.95 0.00	213.67 -3.27 0.00	254.35 -9.61 0.00	362.34 -17.52 0.00	330.77 -10.10 0.00	213.65 -12.38 0.00	165.94 -10.95 0.00	158.07 -12.77 0.00	168.35 -11.35 0.00	150.93 -8.41 0.00	148.37 -6.33 0.00	164.27 -8.14 0.00	163.94 -13.09 0.00	176.87 -16.01 0.00	158.38 -16.59 4.17	145.12 -17.86 10.66	123.04 -16.37 27.51	112.29 -16.00 24.45	131.96 -16.54 15.14	148.03 -15.25 0.50
CHERRYST_13_KV_LD 356241	249.59 11.96 0.00	222.23 10.71 0.00	188.12 10.23 0.00	208.58 9.25 0.00	198.58 10.44 0.00	227.82 10.89 0.00	276.30 12.33 0.00	398.04 18.19 0.00	359.19 18.32 0.00	243.06 17.02 0.00	191.91 15.02 0.00	186.28 15.44 0.00	193.61 13.91 0.00	173.31 13.97 0.00	168.87 14.16 0.00	186.80 14.40 0.00	191.54 14.51 0.00	207.55 14.67 0.00	193.57 14.42 0.00	187.86 14.22 0.00	181.44 14.52 0.00	166.55 13.81 0.00	176.03 12.38 0.00	175.16 11.38 0.00

CHESTROR_138KV_BK263 355645	245.00 7.36 0.00	218.18 6.66 0.00	184.26 6.37 0.00	204.81 5.48 0.00	194.64 6.50 0.00	223.60 6.67 0.00	271.47 7.51 0.00	390.85 11.00 0.00	352.33 11.46 0.00	237.08 11.04 0.00	186.74 9.85 0.00	181.00 10.16 0.00	188.37 8.67 0.00	168.29 8.94 0.00	163.96 9.26 0.00	181.53 9.12 0.00	186.02 9.00 0.00	202.16 9.29 0.00	188.46 9.31 0.00	183.00 9.36 0.00	176.73 9.81 0.00	162.21 9.48 0.00	172.17 8.52 0.00	171.53 7.75 0.00
CH_MIDHUDSON___DRP 24192	247.93 10.30 0.00	220.56 9.04 0.00	186.46 8.57 0.00	207.24 7.90 0.00	196.97 8.82 0.00	226.42 9.49 0.00	275.21 11.25 0.00	396.20 16.35 0.00	356.94 16.07 0.00	240.22 14.18 0.00	189.16 12.27 0.00	183.21 12.37 0.00	190.88 11.18 0.00	170.53 11.19 0.00	166.06 11.36 0.00	184.00 11.60 0.00	188.42 11.39 0.00	204.82 11.94 0.00	190.84 11.69 0.00	185.37 11.73 0.00	179.06 12.14 0.00	164.25 11.51 0.00	174.30 10.65 0.00	173.59 9.81 0.00
CH_MISC_IPPS 23765	249.62 11.99 0.00	222.04 10.52 0.00	187.65 9.76 0.00	208.55 9.22 0.00	198.20 10.05 0.00	227.92 10.99 0.00	277.05 13.09 0.00	398.97 19.12 0.00	359.60 18.73 0.00	241.95 15.92 0.00	190.47 13.58 0.00	184.50 13.66 0.00	192.21 12.51 0.00	171.66 12.32 0.00	167.27 12.57 0.00	185.33 12.93 0.00	189.77 12.75 0.00	206.33 13.45 0.00	192.42 13.27 0.00	186.87 13.23 0.00	180.38 13.46 0.00	165.38 12.65 0.00	175.47 11.82 0.00	174.72 10.94 0.00
CH_RES_BVR_FALLS 23983	238.22 0.59 0.00	212.51 0.99 0.00	178.20 0.31 0.00	199.93 0.60 0.00	188.27 0.13 0.00	217.12 0.18 0.00	264.43 0.47 0.00	380.22 0.37 0.00	340.56 -0.31 0.00	225.19 -0.84 0.00	176.05 -0.84 0.00	169.88 -0.96 0.00	178.94 -0.76 0.00	158.59 -0.75 0.00	153.85 -0.85 0.00	171.82 -0.58 0.00	176.78 -0.25 0.00	192.75 -0.13 0.00	178.66 -0.49 0.00	172.69 -0.95 0.00	165.07 -1.85 0.00	150.48 -2.26 0.00	161.84 -1.81 0.00	162.70 -1.09 0.00
CH_RES_NIAGARA 23895	217.24 -20.39 0.00	190.38 -21.13 0.00	161.57 -16.32 0.00	183.77 -15.56 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.14 -23.83 0.00	342.19 -37.66 0.00	312.81 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.33 -20.50 0.00	159.75 -19.95 0.00	142.17 -17.17 0.00	138.97 -15.73 0.00	154.29 -18.12 0.00	153.97 -23.06 0.00	167.16 -25.72 0.00	151.49 -24.25 3.41	140.30 -24.64 8.70	122.25 -22.22 22.46	112.19 -20.60 19.96	130.43 -20.86 12.36	144.15 -19.23 0.40
CH_RES_SYRACUSE 23985	235.05 -2.59 0.00	208.66 -2.86 0.00	175.96 -1.93 0.00	197.21 -2.13 0.00	186.75 -1.39 0.00	216.06 -0.87 0.00	262.57 -1.40 0.00	378.65 -1.20 0.00	340.60 -0.27 0.00	224.99 -1.05 0.00	175.65 -1.24 0.00	169.27 -1.57 0.00	177.83 -1.87 0.00	157.90 -1.44 0.00	153.92 -0.78 0.00	171.37 -1.03 0.00	175.19 -1.84 0.00	190.68 -2.20 0.00	177.08 -2.07 0.00	171.43 -2.21 0.00	164.87 -2.05 0.00	150.82 -1.91 0.00	161.39 -2.26 0.00	161.38 -2.40 0.00
CLINTON_WT_PWR 323605	240.65 3.02 0.00	215.13 3.61 0.00	179.32 1.44 0.00	201.45 2.12 0.00	188.89 0.75 0.00	218.18 1.25 0.00	267.05 3.09 0.00	383.54 3.70 0.00	342.21 1.34 0.00	225.17 -0.87 0.00	175.74 -1.15 0.00	169.92 -0.92 0.00	179.43 -0.27 0.00	159.29 -0.05 0.00	154.24 -0.46 0.00	172.51 0.11 0.00	178.04 1.01 0.00	194.63 1.75 0.00	180.67 1.52 0.00	174.70 1.06 0.00	167.03 0.11 0.00	152.28 -0.46 0.00	163.91 0.26 0.00	164.51 0.72 0.00
CLINTON___LFGE 323618	244.80 7.17 0.00	218.51 7.00 0.00	182.06 4.17 0.00	204.39 5.05 0.00	191.84 3.70 0.00	222.03 5.10 0.00	272.27 8.30 0.00	390.88 11.02 0.00	348.71 7.84 0.00	229.14 3.10 0.00	178.25 1.36 0.00	172.46 1.61 0.00	181.81 2.12 0.00	161.78 2.44 0.00	156.78 2.08 0.00	175.30 2.90 0.00	180.81 3.78 0.00	197.66 4.78 0.00	183.71 4.56 0.00	177.60 3.95 0.00	170.02 3.10 0.00	154.75 2.01 0.00	166.74 3.10 0.00	167.09 3.31 0.00
COBBLENY_34_KV_TB1 80064	227.97 -9.66 0.00	199.78 -11.74 0.00	169.36 -8.53 0.00	192.19 -7.14 0.00	181.97 -6.18 0.00	213.14 -3.79 0.00	253.15 -10.81 0.00	361.76 -18.09 0.00	330.12 -10.75 0.00	213.76 -12.28 0.00	166.58 -10.31 0.00	159.28 -11.56 0.00	168.95 -10.75 0.00	150.67 -8.67 0.00	147.41 -7.30 0.00	163.64 -8.76 0.00	163.76 -13.26 0.00	177.56 -15.32 0.00	160.77 -14.75 3.62	148.90 -15.49 9.25	128.64 -14.40 23.88	117.87 -13.65 21.22	137.09 -13.42 13.14	151.06 -12.29 0.43
COFFEEN___115KV_TB3 355620	250.88 13.25 0.00	223.47 11.95 0.00	187.98 10.09 0.00	210.86 11.53 0.00	199.45 11.31 0.00	231.40 14.47 0.00	283.63 19.66 0.00	408.78 28.93 0.00	366.20 25.33 0.00	240.13 14.10 0.00	187.39 10.50 0.00	179.72 8.88 0.00	188.82 9.12 0.00	166.96 7.62 0.00	163.32 8.61 0.00	183.57 11.17 0.00	187.84 10.82 0.00	205.17 12.29 0.00	190.21 11.06 0.00	181.91 8.27 0.00	173.12 6.19 0.00	156.58 3.84 0.00	165.94 2.29 0.00	166.16 2.38 0.00
COLDSPRG_115KV_BK1 355956	236.13 -1.50 0.00	206.67 -4.84 0.00	175.05 -2.84 0.00	197.87 -1.46 0.00	187.41 -0.74 0.00	219.66 2.73 0.00	262.28 -1.68 0.00	374.69 -5.16 0.00	341.44 0.57 0.00	221.80 -4.24 0.00	173.12 -3.77 0.00	165.31 -5.53 0.00	175.68 -4.02 0.00	157.54 -1.80 0.00	154.48 -0.22 0.00	171.15 -1.25 0.00	170.50 -6.53 0.00	183.24 -9.63 2.10	167.16 -9.89 5.36	157.81 -10.47 13.85	143.16 -9.91 12.31	130.55 -9.87 7.62	146.81 -9.21 6.62	154.93 -8.61 0.25
COLONIE_LFGE___ 323577	245.29 7.66 0.00	217.98 6.47 0.00	184.14 6.25 0.00	205.34 6.01 0.00	194.69 6.55 0.00	224.29 7.36 0.00	272.08 8.11 0.00	390.91 11.06 0.00	351.34 10.48 0.00	235.10 9.06 0.00	184.03 7.14 0.00	177.92 7.07 0.00	186.00 6.30 0.00	165.51 6.17 0.00	160.89 6.19 0.00	179.20 6.80 0.00	183.86 6.83 0.00	200.13 7.25 0.00	186.35 7.21 0.00	181.13 7.49 0.00	175.17 8.26 0.00	160.46 7.72 0.00	171.56 7.91 0.00	170.99 7.21 0.00
COOPERNY_115KV_TB1 80082	243.15 5.51 0.00	216.38 4.86 0.00	182.60 4.71 0.00	203.38 4.05 0.00	193.07 4.92 0.00	222.04 5.11 0.00	269.73 5.77 0.00	388.13 8.28 0.00	349.48 8.61 0.00	234.35 8.31 0.00	184.27 7.38 0.00	178.38 7.53 0.00	186.14 6.44 0.00	166.11 6.77 0.00	161.81 7.10 0.00	179.97 7.57 0.00	184.27 7.24 0.00	200.24 7.36 0.00	186.57 7.42 0.00	181.11 7.46 0.00	174.76 7.84 0.00	160.11 7.37 0.00	169.96 6.31 0.00	169.50 5.72 0.00
COPENHAGEN_WT_PWR 323753	247.10 9.46 0.00	220.43 8.92 0.00	185.47 7.58 0.00	208.03 8.70 0.00	196.71 8.57 0.00	228.05 11.11 0.00	279.09 15.13 0.00	401.94 22.08 0.00	360.14 19.28 0.00	236.37 10.33 0.00	184.65 7.76 0.00	177.16 6.32 0.00	185.98 6.28 0.00	164.26 4.92 0.00	160.74 6.03 0.00	180.53 8.13 0.00	184.61 7.58 0.00	201.34 8.46 0.00	186.50 7.35 0.00	178.04 4.40 0.00	169.04 2.11 0.00	152.72 -0.02 0.00	161.75 -1.90 0.00	162.28 -1.51 0.00
CORNELL_____ 23752	243.31 5.68 0.00	215.41 3.90 0.00	181.56 3.67 0.00	203.64 4.30 0.00	193.16 5.02 0.00	224.09 7.16 0.00	272.79 8.83 0.00	392.93 13.08 0.00	353.55 12.68 0.00	232.53 6.49 0.00	180.73 3.84 0.00	173.42 2.58 0.00	182.02 2.32 0.00	161.73 2.39 0.00	157.25 2.55 0.00	175.14 2.74 0.00	179.41 2.39 0.00	195.42 2.54 0.00	183.12 2.42 -1.55	179.80 2.19 -3.97	179.24 2.07 -10.25	163.76 2.22 -8.80	171.50 2.49 -5.36	166.13 2.18 -0.17

CORONA__69_KV_TB1 355595	347.30 13.28 -96.39	261.75 12.68 -37.55	188.97 11.06 -0.02	209.30 9.91 -0.05	200.85 11.75 -0.95	227.88 10.94 -0.01	324.50 11.49 -49.05	396.52 14.59 -2.08	353.08 15.87 3.66	271.52 17.04 -28.44	645.60 16.01 -452.70	189.60 15.98 -2.77	202.16 14.67 -7.79	197.51 14.76 -23.41	192.30 14.84 -22.76	203.64 15.39 -15.85	208.27 15.27 -15.98	232.72 16.10 -23.74	210.15 15.57 -15.43	205.00 15.62 -15.74	188.17 15.52 -5.72	167.43 14.69 0.00	176.43 12.78 0.00	177.00 11.84 -1.38
CORTLAND__115KV_TB3 80093	240.45 2.81 0.00	213.10 1.58 0.00	179.60 1.71 0.00	201.23 1.90 0.00	190.77 2.62 0.00	220.91 3.98 0.00	268.62 4.65 0.00	386.60 6.75 0.00	347.80 6.93 0.00	229.49 3.45 0.00	179.13 2.24 0.00	172.21 1.37 0.00	180.85 1.16 0.00	160.83 1.49 0.00	156.78 2.08 0.00	174.69 2.29 0.00	178.59 1.56 0.00	194.31 1.43 0.00	180.55 1.40 0.00	174.80 1.16 0.00	168.04 1.12 0.00	153.80 1.06 0.00	164.58 0.93 0.00	164.43 0.65 0.00
COXSACKIE__GT 23611	257.32 19.69 0.00	229.03 17.51 0.00	193.33 15.44 0.00	216.08 16.74 0.00	205.00 16.85 0.00	237.12 20.19 0.00	288.31 24.34 0.00	414.57 34.71 0.00	373.48 32.61 0.00	248.68 22.64 0.00	193.26 16.37 0.00	186.09 15.24 0.00	194.78 15.08 0.00	172.83 13.48 0.00	167.45 12.75 0.00	186.87 14.47 0.00	192.32 15.29 0.00	210.38 17.50 0.00	195.76 16.61 0.00	189.80 16.16 0.00	183.24 16.32 0.00	167.28 14.54 0.00	178.96 15.31 0.00	178.08 14.30 0.00
CPV_VALLEY__CC1 323721	243.03 5.40 0.00	216.45 4.93 0.00	182.75 4.86 0.00	203.21 3.88 0.00	193.01 4.87 0.00	221.79 4.86 0.00	269.33 5.37 0.00	387.59 7.74 0.00	349.25 8.38 0.00	234.91 8.87 0.00	184.97 8.08 0.00	179.31 8.46 0.00	186.71 7.01 0.00	166.87 7.53 0.00	162.55 7.85 0.00	179.91 7.51 0.00	184.34 7.31 0.00	200.13 7.26 0.00	186.67 7.52 0.00	181.28 7.64 0.00	174.99 8.07 0.00	160.72 7.98 0.00	170.70 7.05 0.00	170.12 6.34 0.00
CPV_VALLEY__CC2 323722	243.03 5.40 0.00	216.45 4.93 0.00	182.75 4.86 0.00	203.21 3.88 0.00	193.01 4.87 0.00	221.79 4.86 0.00	269.33 5.37 0.00	387.59 7.74 0.00	349.25 8.38 0.00	234.91 8.87 0.00	184.97 8.08 0.00	179.31 8.46 0.00	186.71 7.01 0.00	166.87 7.53 0.00	162.55 7.85 0.00	179.91 7.51 0.00	184.34 7.31 0.00	200.13 7.26 0.00	186.67 7.52 0.00	181.28 7.64 0.00	174.99 8.07 0.00	160.72 7.98 0.00	170.70 7.05 0.00	170.12 6.34 0.00
CRESCENT__HYD 24018	245.29 7.66 0.00	217.98 6.47 0.00	184.14 6.25 0.00	205.34 6.01 0.00	194.69 6.55 0.00	224.29 7.36 0.00	272.08 8.11 0.00	390.91 11.06 0.00	351.34 10.48 0.00	235.10 9.06 0.00	184.03 7.14 0.00	177.92 7.07 0.00	186.00 6.30 0.00	165.51 6.17 0.00	160.89 6.19 0.00	179.20 6.80 0.00	183.86 6.83 0.00	200.13 7.25 0.00	186.35 7.21 0.00	181.13 7.49 0.00	175.17 8.26 0.00	160.46 7.72 0.00	171.56 7.91 0.00	170.99 7.21 0.00
CRICKET__VALLEY_CC1 323756	245.08 7.45 0.00	218.02 6.50 0.00	184.39 6.50 0.00	204.84 5.51 0.00	194.68 6.53 0.00	223.49 6.56 0.00	271.49 7.53 0.00	390.31 10.46 0.00	351.26 10.39 0.00	236.45 10.41 0.00	186.12 9.23 0.00	180.28 9.44 0.00	187.85 8.15 0.00	167.83 8.49 0.00	163.44 8.73 0.00	181.18 8.78 0.00	185.46 8.44 0.00	201.44 8.57 0.00	188.01 8.86 0.00	182.72 9.08 0.00	176.61 9.69 0.00	162.13 9.39 0.00	172.37 8.72 0.00	171.83 8.05 0.00
CRICKET__VALLEY_CC2 323757	245.08 7.45 0.00	218.02 6.50 0.00	184.39 6.50 0.00	204.84 5.51 0.00	194.68 6.53 0.00	223.49 6.56 0.00	271.49 7.53 0.00	390.31 10.46 0.00	351.26 10.39 0.00	236.45 10.41 0.00	186.12 9.23 0.00	180.28 9.44 0.00	187.85 8.15 0.00	167.83 8.49 0.00	163.44 8.73 0.00	181.18 8.78 0.00	185.46 8.44 0.00	201.44 8.57 0.00	188.01 8.86 0.00	182.72 9.08 0.00	176.61 9.69 0.00	162.13 9.39 0.00	172.37 8.72 0.00	171.83 8.05 0.00
CRICKET__VALLEY_CC3 323758	245.08 7.45 0.00	218.02 6.50 0.00	184.39 6.50 0.00	204.84 5.51 0.00	194.68 6.53 0.00	223.49 6.56 0.00	271.49 7.53 0.00	390.31 10.46 0.00	351.26 10.39 0.00	236.45 10.41 0.00	186.12 9.23 0.00	180.28 9.44 0.00	187.85 8.15 0.00	167.83 8.49 0.00	163.44 8.73 0.00	181.18 8.78 0.00	185.46 8.44 0.00	201.44 8.57 0.00	188.01 8.86 0.00	182.72 9.08 0.00	176.61 9.69 0.00	162.13 9.39 0.00	172.37 8.72 0.00	171.83 8.05 0.00
CRUCIBLE__METL_DRP 24180	235.06 -2.58 0.00	208.66 -2.86 0.00	175.94 -1.94 0.00	197.21 -2.13 0.00	186.75 -1.39 0.00	216.08 -0.86 0.00	262.58 -1.38 0.00	378.65 -1.20 0.00	340.60 -0.27 0.00	224.98 -1.05 0.00	175.65 -1.24 0.00	169.29 -1.56 0.00	177.83 -1.87 0.00	157.91 -1.44 0.00	153.92 -0.79 0.00	171.37 -1.04 0.00	175.15 -1.87 0.00	190.61 -2.27 0.00	177.08 -2.07 0.00	171.41 -2.23 0.00	164.81 -2.11 0.00	150.80 -1.93 0.00	161.39 -2.26 0.00	161.38 -2.40 0.00
DAHOWA__HYDRO 323763	251.49 13.86 0.00	223.23 11.71 0.00	188.44 10.55 0.00	210.32 10.99 0.00	199.49 11.35 0.00	230.41 13.47 0.00	280.80 16.84 0.00	403.96 24.11 0.00	362.55 21.68 0.00	241.25 15.21 0.00	188.24 11.35 0.00	181.62 10.78 0.00	189.85 10.15 0.00	168.39 9.05 0.00	163.94 9.24 0.00	183.47 11.07 0.00	189.64 12.61 0.00	206.81 13.94 0.00	192.47 13.32 0.00	186.81 13.17 0.00	180.42 13.50 0.00	164.93 12.19 0.00	175.91 12.27 0.00	175.16 11.38 0.00
DANC__LFGE 323619	240.92 3.29 0.00	214.57 3.05 0.00	180.67 2.78 0.00	202.60 3.27 0.00	191.66 3.51 0.00	221.96 5.03 0.00	271.07 7.11 0.00	390.64 10.79 0.00	350.60 9.73 0.00	230.75 4.72 0.00	180.24 3.35 0.00	173.22 2.38 0.00	181.90 2.20 0.00	160.96 1.62 0.00	157.27 2.57 0.00	176.00 3.60 0.00	179.97 2.94 0.00	196.15 3.27 0.00	181.90 2.76 0.00	174.51 0.88 0.00	166.56 -0.36 0.00	151.17 -1.56 0.00	160.72 -2.93 0.00	161.02 -2.76 0.00
DANSKAMMER__1 23586	249.62 11.99 0.00	222.04 10.52 0.00	187.65 9.76 0.00	208.55 9.22 0.00	198.20 10.05 0.00	227.92 10.99 0.00	277.05 13.09 0.00	398.97 19.12 0.00	359.60 18.73 0.00	241.95 15.92 0.00	190.47 13.58 0.00	184.50 13.66 0.00	192.21 12.51 0.00	171.66 12.32 0.00	167.27 12.57 0.00	185.33 12.93 0.00	189.77 12.75 0.00	206.33 13.45 0.00	192.42 13.27 0.00	186.87 13.23 0.00	180.38 13.46 0.00	165.38 12.65 0.00	175.47 11.82 0.00	174.72 10.94 0.00
DANSKAMMER__2 23589	249.62 11.99 0.00	222.04 10.52 0.00	187.65 9.76 0.00	208.55 9.22 0.00	198.20 10.05 0.00	227.92 10.99 0.00	277.05 13.09 0.00	398.97 19.12 0.00	359.60 18.73 0.00	241.95 15.92 0.00	190.47 13.58 0.00	184.50 13.66 0.00	192.21 12.51 0.00	171.66 12.32 0.00	167.27 12.57 0.00	185.33 12.93 0.00	189.77 12.75 0.00	206.33 13.45 0.00	192.42 13.27 0.00	186.87 13.23 0.00	180.38 13.46 0.00	165.38 12.65 0.00	175.47 11.82 0.00	174.72 10.94 0.00
DANSKAMMER__3 23590	249.62 11.99 0.00	222.04 10.52 0.00	187.65 9.76 0.00	208.55 9.22 0.00	198.20 10.05 0.00	227.92 10.99 0.00	277.05 13.09 0.00	398.97 19.12 0.00	359.60 18.73 0.00	241.95 15.92 0.00	190.47 13.58 0.00	184.50 13.66 0.00	192.21 12.51 0.00	171.66 12.32 0.00	167.27 12.57 0.00	185.33 12.93 0.00	189.77 12.75 0.00	206.33 13.45 0.00	192.42 13.27 0.00	186.87 13.23 0.00	180.38 13.46 0.00	165.38 12.65 0.00	175.47 11.82 0.00	174.72 10.94 0.00

DANSKAMMER___4 23591	249.62 11.99 0.00	222.04 10.52 0.00	187.65 9.76 0.00	208.55 9.22 0.00	198.20 10.05 0.00	227.92 10.99 0.00	277.05 13.09 0.00	398.97 19.12 0.00	359.60 18.73 0.00	241.95 15.92 0.00	190.47 13.58 0.00	184.50 13.66 0.00	192.21 12.51 0.00	171.66 12.32 0.00	167.27 12.57 0.00	185.33 12.93 0.00	189.77 12.75 0.00	206.33 13.45 0.00	192.42 13.27 0.00	186.87 13.23 0.00	180.38 13.46 0.00	165.38 12.65 0.00	175.47 11.82 0.00	174.72 10.94 0.00
DANSKAMMER___DIESEL 23592	249.60 11.97 0.00	222.04 10.52 0.00	187.66 9.77 0.00	208.55 9.22 0.00	198.20 10.06 0.00	227.92 10.99 0.00	277.04 13.08 0.00	398.98 19.13 0.00	359.61 18.74 0.00	241.95 15.92 0.00	190.47 13.58 0.00	184.50 13.66 0.00	192.21 12.51 0.00	171.66 12.32 0.00	167.27 12.57 0.00	185.33 12.93 0.00	189.82 12.79 0.00	206.42 13.55 0.00	192.43 13.28 0.00	186.88 13.24 0.00	180.41 13.49 0.00	165.45 12.71 0.00	175.48 11.83 0.00	174.71 10.93 0.00
DARBY___SOLAR 323810	249.89 12.26 0.00	221.81 10.29 0.00	187.28 9.39 0.00	209.03 9.70 0.00	198.25 10.10 0.00	228.80 11.87 0.00	278.60 14.64 0.00	400.80 20.95 0.00	359.63 18.76 0.00	239.58 13.55 0.00	187.10 10.21 0.00	180.54 9.70 0.00	188.80 9.10 0.00	167.58 8.24 0.00	163.17 8.47 0.00	182.37 9.97 0.00	188.25 11.22 0.00	205.24 12.37 0.00	190.97 11.82 0.00	185.41 11.76 0.00	179.00 12.08 0.00	163.74 11.00 0.00	174.71 11.06 0.00	174.02 10.24 0.00
DASHVILLE___HYD 23610	246.76 9.13 0.00	219.53 8.02 0.00	185.53 7.65 0.00	206.29 6.96 0.00	196.04 7.90 0.00	225.39 8.46 0.00	273.82 9.86 0.00	394.30 14.45 0.00	355.41 14.53 0.00	239.00 12.96 0.00	188.09 11.20 0.00	182.13 11.29 0.00	189.87 10.17 0.00	169.53 10.18 0.00	165.08 10.37 0.00	182.94 10.54 0.00	187.27 10.24 0.00	203.60 10.72 0.00	190.01 10.86 0.00	184.57 10.92 0.00	178.23 11.31 0.00	163.40 10.66 0.00	173.30 9.65 0.00	172.64 8.85 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	244.31 14.33 7.65	224.53 14.71 1.69	192.47 14.58 0.00	212.13 12.80 0.00	202.34 14.28 0.08	227.98 11.05 0.00	251.73 10.41 22.64	299.33 14.51 95.04	334.75 17.19 23.31	247.83 18.95 -2.84	290.16 18.40 -94.87	194.59 20.98 -2.77	199.64 19.43 -0.51	179.92 19.06 -1.52	175.25 19.05 -1.49	194.33 20.89 -1.04	197.82 19.75 -1.05	237.74 22.05 -22.81	205.32 19.97 -6.21	199.35 22.16 -3.54	187.71 20.41 -0.37	171.55 18.81 0.00	178.62 14.98 0.00	178.50 14.63 -0.09
DELAWARE___LFGE 323621	245.55 7.92 0.00	218.11 6.59 0.00	183.84 5.96 0.00	205.51 6.18 0.00	194.93 6.79 0.00	225.18 8.25 0.00	273.98 10.01 0.00	394.01 14.16 0.00	354.53 13.67 0.00	236.00 9.96 0.00	184.97 8.08 0.00	178.44 7.60 0.00	187.08 7.38 0.00	166.51 7.17 0.00	162.18 7.48 0.00	179.85 7.45 0.00	183.58 6.55 0.00	199.88 7.01 0.00	185.80 6.65 0.00	180.13 6.48 0.00	173.38 6.46 0.00	159.04 6.30 0.00	169.66 6.02 0.00	169.43 5.65 0.00
DERFIELD_115KV_TB7 355931	238.34 0.71 0.00	212.10 0.58 0.00	178.58 0.70 0.00	199.81 0.48 0.00	188.96 0.81 0.00	217.78 0.85 0.00	264.74 0.77 0.00	380.87 1.02 0.00	342.02 1.15 0.00	227.41 1.37 0.00	178.13 1.24 0.00	172.01 1.17 0.00	180.58 0.88 0.00	160.34 1.00 0.00	155.85 1.15 0.00	173.42 1.01 0.00	177.85 0.83 0.00	193.62 0.74 0.00	179.87 0.72 0.00	174.42 0.78 0.00	167.88 0.95 0.00	153.64 0.90 0.00	164.52 0.87 0.00	164.50 0.72 0.00
DOGLEVILLE___HYD 23807	243.47 5.84 0.00	216.14 4.62 0.00	182.32 4.43 0.00	203.21 3.88 0.00	193.42 5.28 0.00	223.76 6.83 0.00	272.18 8.22 0.00	391.38 11.53 0.00	351.24 10.37 0.00	233.80 7.76 0.00	182.48 5.59 0.00	175.98 5.14 0.00	183.33 3.63 0.00	164.80 5.46 0.00	163.49 8.79 0.00	181.40 9.00 0.00	185.35 8.32 0.00	200.68 7.81 0.00	186.91 7.76 0.00	181.59 7.95 0.00	175.29 8.37 0.00	161.07 8.33 0.00	171.70 8.05 0.00	170.42 6.64 0.00
DUNKIRK___115KV_TB_200 55889	227.14 -10.50 0.00	199.34 -12.18 0.00	169.36 -8.53 0.00	192.38 -6.96 0.00	182.01 -6.14 0.00	213.40 -3.53 0.00	253.80 -10.16 0.00	361.92 -17.93 0.00	330.36 -10.51 0.00	213.44 -12.60 0.00	165.85 -11.04 0.00	158.03 -12.81 0.00	168.28 -11.42 0.00	150.67 -8.67 0.00	148.05 -6.65 0.00	163.99 -8.41 0.00	163.61 -13.41 0.00	176.22 -16.66 0.00	158.00 -16.90 4.25	144.88 -17.91 10.86	121.92 -16.97 28.03	111.53 -16.31 24.90	131.79 -16.44 15.42	148.18 -15.09 0.50
DUNKIRK___1 23563	227.14 -10.50 0.00	199.34 -12.18 0.00	169.36 -8.53 0.00	192.38 -6.96 0.00	182.01 -6.14 0.00	213.40 -3.53 0.00	253.80 -10.16 0.00	361.92 -17.93 0.00	330.36 -10.51 0.00	213.44 -12.60 0.00	165.85 -11.04 0.00	158.03 -12.81 0.00	168.28 -11.42 0.00	150.67 -8.67 0.00	148.05 -6.65 0.00	163.99 -8.41 0.00	163.61 -13.41 0.00	176.22 -16.66 0.00	158.00 -16.90 4.25	144.88 -17.91 10.86	121.92 -16.97 28.03	111.53 -16.31 24.90	131.79 -16.44 15.42	148.18 -15.09 0.50
DUNKIRK___2 23564	227.14 -10.50 0.00	199.34 -12.18 0.00	169.36 -8.53 0.00	192.38 -6.96 0.00	182.01 -6.14 0.00	213.40 -3.53 0.00	253.80 -10.16 0.00	361.92 -17.93 0.00	330.36 -10.51 0.00	213.44 -12.60 0.00	165.85 -11.04 0.00	158.03 -12.81 0.00	168.28 -11.42 0.00	150.67 -8.67 0.00	148.05 -6.65 0.00	163.99 -8.41 0.00	163.61 -13.41 0.00	176.22 -16.66 0.00	158.00 -16.90 4.25	144.88 -17.91 10.86	121.92 -16.97 28.03	111.53 -16.31 24.90	131.79 -16.44 15.42	148.18 -15.09 0.50
DUNKIRK___3 23565	226.56 -11.07 0.00	198.77 -12.74 0.00	168.76 -9.12 0.00	191.63 -7.70 0.00	181.32 -6.82 0.00	212.47 -4.46 0.00	252.44 -11.52 0.00	360.27 -19.58 0.00	328.72 -12.15 0.00	212.59 -13.45 0.00	165.36 -11.53 0.00	157.73 -13.12 0.00	167.71 -11.99 0.00	150.07 -9.27 0.00	147.22 -7.48 0.00	163.18 -9.22 0.00	162.88 -14.15 0.00	175.80 -17.07 0.00	157.46 -17.03 4.67	143.80 -17.92 11.92	119.27 -16.89 30.76	109.31 -16.09 27.33	130.57 -16.15 16.93	148.40 -14.83 0.55
DUNKIRK___4 23566	226.56 -11.07 0.00	198.77 -12.74 0.00	168.76 -9.12 0.00	191.63 -7.70 0.00	181.32 -6.82 0.00	212.47 -4.46 0.00	252.44 -11.52 0.00	360.27 -19.58 0.00	328.72 -12.15 0.00	212.59 -13.45 0.00	165.36 -11.53 0.00	157.73 -13.12 0.00	167.71 -11.99 0.00	150.07 -9.27 0.00	147.22 -7.48 0.00	163.18 -9.22 0.00	162.88 -14.15 0.00	175.80 -17.07 0.00	157.46 -17.03 4.67	143.80 -17.92 11.92	119.27 -16.89 30.76	109.31 -16.09 27.33	130.57 -16.15 16.93	148.40 -14.83 0.55
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	247.78 10.15 0.00	220.66 9.14 0.00	186.71 8.82 0.00	207.15 7.82 0.00	197.01 8.87 0.00	226.13 9.19 0.00	274.36 10.40 0.00	395.06 15.21 0.00	356.32 15.45 0.00	240.68 14.65 0.00	189.97 13.08 0.00	184.51 13.40 -0.26	191.62 11.92 0.00	171.40 12.05 0.00	167.00 12.30 0.00	184.78 12.38 0.00	189.39 12.36 0.00	205.57 12.69 0.00	191.67 12.52 0.00	186.18 12.54 0.00	179.80 12.88 0.00	165.06 12.32 0.00	174.73 11.08 0.00	173.93 10.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	247.04 9.41 0.00	219.94 8.42 0.00	185.82 7.93 0.00	206.49 7.16 0.00	196.28 8.13 0.00	225.57 8.64 0.00	274.13 10.17 0.00	394.68 14.83 0.00	355.80 14.93 0.00	239.43 13.39 0.00	188.55 11.66 0.00	182.71 11.87 0.00	190.20 10.50 0.00	169.92 10.58 0.00	165.57 10.87 0.00	183.35 10.95 0.00	187.84 10.81 0.00	204.19 11.31 0.00	190.41 11.27 0.00	184.88 11.24 0.00	178.56 11.64 0.00	163.80 11.07 0.00	173.71 10.06 0.00	173.03 9.25 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	247.84 10.21 0.00	221.14 9.62 0.00	187.45 9.56 0.00	207.44 8.10 0.00	197.70 9.56 0.00	226.61 9.68 0.00	275.31 11.34 0.00	396.36 16.51 0.00	357.72 16.85 0.00	241.84 15.80 0.00	190.72 13.83 0.00	185.39 14.10 -0.45	192.14 12.44 0.00	172.07 12.72 -0.01	167.66 12.96 -0.01	185.38 12.98 0.00	190.23 13.20 0.00	206.34 13.47 0.00	192.54 13.39 0.00	187.01 13.37 0.00	180.53 13.60 -0.01	165.68 12.93 -0.01	175.25 11.60 -0.01	174.52 10.73 0.00
E179THST_13_KV_LOAD 356214	249.14 11.51 0.00	222.23 10.71 0.00	188.35 10.47 0.00	208.42 9.09 0.00	198.64 10.50 0.00	227.79 10.85 0.00	276.85 12.89 0.00	398.58 18.73 0.00	359.82 18.95 0.00	243.22 17.18 0.00	191.80 14.90 0.00	186.42 15.13 -0.45	193.25 13.55 0.00	173.02 13.67 -0.01	168.63 13.92 -0.01	186.43 14.03 0.00	191.33 14.30 0.00	207.60 14.72 0.00	193.72 14.57 0.00	188.13 14.48 0.00	181.56 14.63 -0.01	166.58 13.84 -0.01	176.23 12.58 -0.01	175.42 11.64 0.00
EAST HAMPTON___GT 23717	245.82 15.84 7.65	225.26 15.44 1.69	194.65 16.76 0.00	214.62 15.29 0.00	204.49 16.43 0.08	228.68 11.75 0.00	252.83 11.51 22.64	300.98 16.16 95.03	336.39 18.83 23.31	248.68 19.80 -2.84	291.76 19.99 -94.88	196.72 23.11 -2.77	201.78 21.56 -0.51	181.71 20.85 -1.52	177.01 20.82 -1.49	196.49 23.05 -1.04	198.87 20.79 -1.05	238.97 23.28 -22.81	207.16 21.81 -6.21	202.41 25.23 -3.54	190.54 23.24 -0.37	174.09 21.35 0.00	181.26 17.61 0.00	181.03 17.16 -0.09
EAST RIVER___6 23660	249.66 12.03 0.00	222.24 10.73 0.00	188.14 10.25 0.00	208.62 9.29 0.00	198.56 10.41 0.00	227.76 10.83 0.00	275.68 11.72 0.00	397.09 17.24 0.00	358.17 17.30 0.00	242.39 16.36 0.00	191.41 14.52 0.00	185.78 14.94 0.00	193.09 13.39 0.00	172.84 13.50 0.00	168.39 13.69 0.00	186.29 13.89 0.00	191.02 13.99 0.00	206.91 14.03 0.00	193.00 13.85 0.00	187.44 13.80 0.00	180.94 14.01 0.00	166.06 13.32 0.00	175.54 11.89 0.00	174.63 10.85 0.00
EAST RIVER___7 23524	249.66 12.03 0.00	222.24 10.73 0.00	188.14 10.25 0.00	208.62 9.29 0.00	198.56 10.41 0.00	227.76 10.83 0.00	275.68 11.72 0.00	397.09 17.24 0.00	358.17 17.30 0.00	242.39 16.36 0.00	191.41 14.52 0.00	185.78 14.94 0.00	193.09 13.39 0.00	172.84 13.50 0.00	168.39 13.69 0.00	186.29 13.89 0.00	191.02 13.99 0.00	206.91 14.03 0.00	193.00 13.85 0.00	187.44 13.80 0.00	180.94 14.01 0.00	166.06 13.32 0.00	175.54 11.89 0.00	174.63 10.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	247.14 9.51 0.00	220.10 8.58 0.00	186.19 8.30 0.00	206.61 7.27 0.00	196.51 8.37 0.00	225.53 8.60 0.00	273.70 9.74 0.00	394.01 14.16 0.00	355.35 14.48 0.00	239.91 13.87 0.00	189.32 12.43 0.00	183.58 12.74 0.00	190.95 11.25 0.00	170.76 11.42 0.00	166.38 11.68 0.00	184.11 11.71 0.00	188.69 11.67 0.00	204.87 11.99 0.00	191.00 11.85 0.00	185.56 11.92 0.00	179.21 12.29 0.00	164.51 11.78 0.00	174.20 10.55 0.00	173.45 9.67 0.00
EAST_HAMPTON___DIESEL 23722	245.76 15.78 7.65	225.26 15.44 1.69	194.58 16.69 0.00	214.56 15.23 0.00	204.44 16.38 0.08	228.65 11.72 0.00	252.76 11.44 22.64	300.91 16.09 95.03	336.35 18.79 23.31	248.64 19.76 -2.84	291.67 19.90 -94.88	196.67 23.06 -2.77	201.76 21.55 -0.51	181.65 20.79 -1.52	176.92 20.72 -1.49	196.48 23.04 -1.04	198.87 20.79 -1.05	239.00 23.31 -22.81	207.18 21.82 -6.21	202.41 25.23 -3.54	190.54 23.24 -0.37	174.09 21.35 0.00	181.26 17.61 0.00	181.03 17.16 -0.09
EAST_POINT___SOLAR 323840	258.33 20.70 0.00	229.50 17.99 0.00	193.09 15.21 0.00	216.52 17.19 0.00	205.09 16.94 0.00	237.76 20.82 0.00	291.15 27.19 0.00	420.07 40.22 0.00	371.01 30.14 0.00	237.96 11.92 0.00	184.99 8.10 0.00	178.53 7.69 0.00	189.00 9.30 0.00	169.22 9.88 0.00	165.23 10.52 0.00	186.33 13.93 0.00	192.39 15.36 0.00	211.26 18.38 0.00	196.13 16.98 0.00	189.30 15.66 0.00	181.28 14.36 0.00	165.81 13.07 0.00	176.64 12.99 0.00	176.62 12.84 0.00
EAST_PULASKI___ESR 323781	235.09 -2.54 0.00	209.05 -2.46 0.00	176.18 -1.71 0.00	197.47 -1.86 0.00	186.90 -1.25 0.00	216.25 -0.68 0.00	263.51 -0.45 0.00	380.04 0.19 0.00	341.67 0.80 0.00	225.53 -0.51 0.00	176.24 -0.65 0.00	169.64 -1.20 0.00	178.24 -1.46 0.00	158.01 -1.33 0.00	154.01 -0.69 0.00	171.83 -0.57 0.00	175.62 -1.41 0.00	191.24 -1.64 0.00	177.56 -1.59 0.00	171.27 -2.37 0.00	164.30 -2.62 0.00	149.84 -2.90 0.00	159.95 -3.70 0.00	160.00 -3.79 0.00
EAST_RIVER___1 323558	248.71 11.08 0.00	221.53 10.01 0.00	187.50 9.61 0.00	207.87 8.53 0.00	197.87 9.73 0.00	227.01 10.08 0.00	275.29 11.33 0.00	396.55 16.70 0.00	357.83 16.96 0.00	242.02 15.99 0.00	191.09 14.20 0.00	185.55 14.71 0.00	192.84 13.14 0.00	172.59 13.25 0.00	168.12 13.42 0.00	185.99 13.59 0.00	190.73 13.70 0.00	206.57 13.69 0.00	192.78 13.63 0.00	187.22 13.58 0.00	180.78 13.86 0.00	165.94 13.21 0.00	175.51 11.86 0.00	174.61 10.83 0.00
EAST_RIVER___2 323559	249.66 12.03 0.00	222.24 10.73 0.00	188.14 10.25 0.00	208.62 9.29 0.00	198.56 10.41 0.00	227.76 10.83 0.00	275.68 11.72 0.00	397.09 17.24 0.00	358.17 17.30 0.00	242.39 16.36 0.00	191.41 14.52 0.00	185.78 14.94 0.00	193.09 13.39 0.00	172.84 13.50 0.00	168.39 13.69 0.00	186.29 13.89 0.00	191.02 13.99 0.00	206.91 14.03 0.00	193.00 13.85 0.00	187.44 13.80 0.00	180.94 14.01 0.00	166.06 13.32 0.00	175.54 11.89 0.00	174.63 10.85 0.00
EAST___DELAWARE_HYD 23607	243.98 6.35 0.00	217.08 5.56 0.00	183.28 5.40 0.00	203.90 4.56 0.00	193.81 5.67 0.00	223.08 6.15 0.00	271.72 7.75 0.00	391.52 11.66 0.00	352.88 12.01 0.00	236.94 10.91 0.00	186.29 9.40 0.00	180.21 9.37 0.00	187.75 8.05 0.00	167.58 8.24 0.00	163.23 8.53 0.00	181.34 8.94 0.00	185.63 8.60 0.00	202.13 9.25 0.00	188.63 9.49 0.00	183.11 9.47 0.00	176.63 9.71 0.00	161.71 8.97 0.00	171.38 7.73 0.00	170.63 6.85 0.00
EIGHT_POINT___WT_PWR 323820	231.40 -6.23 0.00	202.82 -8.70 0.00	173.58 -4.30 0.00	197.92 -1.41 0.00	188.81 0.67 0.00	220.69 3.76 0.00	265.56 1.59 0.00	381.13 1.28 0.00	343.38 2.52 0.00	221.71 -4.33 0.00	172.20 -4.69 0.00	163.77 -7.07 0.00	172.35 -7.35 0.00	153.90 -5.44 0.00	152.10 -2.60 0.00	170.89 -1.51 0.00	172.26 -4.77 0.00	185.69 -7.19 0.00	184.80 -8.63 -14.28	198.32 -11.79 -36.47	250.28 -10.78 -94.14	225.81 -10.48 -83.55	203.79 -11.59 -51.73	153.44 -12.04 -1.70
ELBRIDGE_115KV_TB2 80188	233.70 -3.93 0.00	207.46 -4.06 0.00	174.93 -2.96 0.00	196.06 -3.27 0.00	185.76 -2.38 0.00	214.88 -2.05 0.00	260.75 -3.21 0.00	375.92 -3.93 0.00	338.26 -2.60 0.00	223.59 -2.45 0.00	174.40 -2.49 0.00	168.15 -2.70 0.00	176.54 -3.16 0.00	156.75 -2.59 0.00	152.74 -1.96 0.00	170.07 -2.33 0.00	173.75 -3.28 0.00	189.08 -3.79 0.00	175.65 -3.50 0.00	170.04 -3.60 0.00	163.53 -3.39 0.00	149.63 -3.10 0.00	160.26 -3.39 0.00	160.30 -3.48 0.00
ELEC_TRO_TEK 24086	285.77 12.06 -36.08	237.96 11.64 -14.80	188.02 10.13 -0.01	208.17 8.82 -0.02	199.26 10.75 -0.37	226.65 9.71 0.00	289.34 10.15 -15.23	376.41 13.36 16.81	349.71 15.09 6.25	255.70 16.06 -13.60	437.65 15.48 -245.28	188.88 15.27 -2.77	197.29 13.92 -3.67	184.36 14.07 -10.95	179.63 14.20 -10.72	194.47 14.62 -7.45	199.02 14.47 -7.53	231.19 15.10 -23.21	204.03 14.67 -10.21	197.22 14.74 -8.84	184.21 14.59 -2.70	166.64 13.90 0.00	175.59 11.94 0.00	175.45 11.02 -0.65

ELLENBURG_WT_PWR 323604	240.65 3.02 0.00	215.13 3.61 0.00	179.32 1.44 0.00	201.45 2.12 0.00	188.89 0.75 0.00	218.18 1.25 0.00	267.05 3.09 0.00	383.54 3.70 0.00	342.21 1.34 0.00	225.17 -0.87 0.00	175.74 -1.15 0.00	169.92 -0.92 0.00	179.43 -0.27 0.00	159.29 -0.05 0.00	154.24 -0.46 0.00	172.51 0.11 0.00	178.04 1.01 0.00	194.63 1.75 0.00	180.67 1.52 0.00	174.70 1.06 0.00	167.03 0.11 0.00	152.28 -0.46 0.00	163.91 0.26 0.00	164.51 0.72 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	224.22 -13.41 0.00	196.55 -14.96 0.00	166.78 -11.11 0.00	189.37 -9.96 0.00	179.19 -8.95 0.00	209.85 -7.08 0.00	248.73 -15.23 0.00	355.01 -24.84 0.00	324.04 -16.83 0.00	209.65 -16.39 0.00	163.30 -13.59 0.00	156.08 -14.76 0.00	165.68 -14.02 0.00	147.74 -11.60 0.00	144.57 -10.13 0.00	160.52 -11.88 0.00	160.48 -16.55 0.00	173.94 -18.94 0.00	156.12 -18.35 4.68	142.67 -19.02 11.95	118.42 -17.66 30.85	108.77 -16.57 27.40	130.18 -16.49 16.97	148.25 -14.98 0.56
EMPIRE_CC_1 323656	240.85 3.22 0.00	214.26 2.74 0.00	181.11 3.22 0.00	201.81 2.48 0.00	191.41 3.27 0.00	220.17 3.23 0.00	266.65 2.69 0.00	382.84 2.99 0.00	344.31 3.44 0.00	231.06 5.02 0.00	181.16 4.27 0.00	175.34 4.50 0.00	183.16 3.46 0.00	163.19 3.84 0.00	158.54 3.84 0.00	176.29 3.89 0.00	180.61 3.58 0.00	196.34 3.46 0.00	182.85 3.71 0.00	177.89 4.25 0.00	172.17 5.25 0.00	157.82 5.08 0.00	168.82 5.17 0.00	168.29 4.51 0.00
EMPIRE_CC_2 323658	240.85 3.22 0.00	214.26 2.74 0.00	181.11 3.22 0.00	201.81 2.48 0.00	191.41 3.27 0.00	220.17 3.23 0.00	266.65 2.69 0.00	382.84 2.99 0.00	344.31 3.44 0.00	231.06 5.02 0.00	181.16 4.27 0.00	175.34 4.50 0.00	183.16 3.46 0.00	163.19 3.84 0.00	158.54 3.84 0.00	176.29 3.89 0.00	180.61 3.58 0.00	196.34 3.46 0.00	182.85 3.71 0.00	177.89 4.25 0.00	172.17 5.25 0.00	157.82 5.08 0.00	168.82 5.17 0.00	168.29 4.51 0.00
ENORWICH_115KV_TB1 80156	259.90 22.27 0.00	230.15 18.63 0.00	194.59 16.70 0.00	219.24 19.90 0.00	208.58 20.44 0.00	244.42 27.48 0.00	300.06 36.10 0.00	432.40 52.55 0.00	388.45 47.58 0.00	254.35 28.31 0.00	197.41 20.52 0.00	188.76 17.91 0.00	198.32 18.62 0.00	175.86 16.52 0.00	178.30 23.60 0.00	203.26 30.86 0.00	209.69 32.66 0.00	228.92 36.04 0.00	210.13 30.98 0.00	201.40 27.76 0.00	189.88 22.96 0.00	168.32 12.87 -2.71	177.59 11.28 -2.67	174.97 11.11 -0.09
ERIE_ST__34_KV_TB1-2 80199	228.10 -9.53 0.00	199.75 -11.77 0.00	169.22 -8.66 0.00	191.91 -7.42 0.00	181.68 -6.46 0.00	212.63 -4.30 0.00	252.62 -11.34 0.00	361.25 -18.60 0.00	329.50 -11.37 0.00	213.64 -12.40 0.00	166.70 -10.19 0.00	159.51 -11.33 0.00	169.27 -10.43 0.00	151.07 -8.27 0.00	147.64 -7.07 0.00	164.03 -8.37 0.00	165.51 -13.16 -1.64	209.29 -15.43 -31.84	178.68 -14.65 -14.18	148.68 -15.09 9.88	127.33 -13.94 25.65	116.77 -13.18 22.79	136.73 -12.81 14.12	151.41 -11.91 0.46
ERIE_WT_PWR 323693	225.62 -12.01 0.00	197.90 -13.62 0.00	167.92 -9.97 0.00	190.73 -8.60 0.00	180.49 -7.66 0.00	211.39 -5.54 0.00	251.01 -12.95 0.00	358.22 -21.63 0.00	326.86 -14.01 0.00	211.48 -14.56 0.00	164.73 -12.16 0.00	157.53 -13.31 0.00	167.09 -12.60 0.00	149.13 -10.21 0.00	145.88 -8.82 0.00	162.01 -10.39 0.00	162.10 -14.93 0.00	176.19 -16.68 0.00	158.25 -16.44 4.46	144.87 -17.39 11.38	121.90 -15.63 29.38	111.66 -14.97 26.11	132.23 -15.25 16.17	149.25 -14.00 0.53
ESPRGFLD_115KV_TB1 80157	251.58 13.95 0.00	223.54 12.02 0.00	187.95 10.06 0.00	210.81 11.48 0.00	199.63 11.49 0.00	231.43 14.49 0.00	282.96 19.00 0.00	408.09 28.24 0.00	365.63 24.76 0.00	240.08 14.04 0.00	187.51 10.62 0.00	180.21 9.37 0.00	189.60 9.90 0.00	168.50 9.16 0.00	164.26 9.56 0.00	184.35 11.95 0.00	188.49 11.46 0.00	205.64 12.76 0.00	190.76 11.61 0.00	183.99 10.35 0.00	175.87 8.95 0.00	160.83 8.09 0.00	170.83 7.18 0.00	171.06 7.28 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	242.80 5.17 0.00	215.04 3.53 0.00	181.29 3.41 0.00	203.27 3.94 0.00	192.82 4.68 0.00	223.66 6.73 0.00	272.22 8.26 0.00	392.14 12.29 0.00	352.70 11.83 0.00	232.11 6.07 0.00	180.54 3.65 0.00	173.32 2.48 0.00	181.93 2.23 0.00	161.61 2.27 0.00	157.15 2.45 0.00	174.90 2.50 0.00	179.11 2.08 0.00	195.04 2.17 0.00	182.56 2.10 -1.31	178.88 1.88 -3.35	177.36 1.79 -8.66	162.04 1.94 -7.36	170.32 2.22 -4.46	165.87 1.94 -0.15
ETNA____115KV_TB2 80207	242.80 5.17 0.00	215.04 3.53 0.00	181.29 3.41 0.00	203.27 3.94 0.00	192.82 4.68 0.00	223.66 6.73 0.00	272.22 8.26 0.00	392.14 12.29 0.00	352.70 11.83 0.00	232.11 6.07 0.00	180.54 3.65 0.00	173.32 2.48 0.00	181.93 2.23 0.00	161.61 2.27 0.00	157.15 2.45 0.00	174.90 2.50 0.00	179.11 2.08 0.00	195.04 2.17 0.00	182.56 2.10 -1.31	178.88 1.88 -3.35	177.36 1.79 -8.66	162.04 1.94 -7.36	170.32 2.22 -4.46	165.87 1.94 -0.15
EUCLID____115KV_TB2 356179	231.89 -5.74 0.00	205.89 -5.63 0.00	173.63 -4.26 0.00	194.61 -4.72 0.00	184.27 -3.87 0.00	213.04 -3.89 0.00	258.82 -5.14 0.00	372.95 -6.90 0.00	335.57 -5.30 0.00	221.88 -4.16 0.00	173.40 -3.50 0.00	167.08 -3.76 0.00	175.64 -4.06 0.00	155.94 -3.40 0.00	151.96 -2.75 0.00	169.14 -3.26 0.00	172.84 -4.19 0.00	188.09 -4.79 0.00	174.71 -4.44 0.00	169.08 -4.56 0.00	162.69 -4.23 0.00	148.82 -3.92 0.00	159.30 -4.34 0.00	159.32 -4.46 0.00
E_CANADA_CAP_HY 24051	253.34 15.71 0.00	225.36 13.85 0.00	189.40 11.51 0.00	212.49 13.16 0.00	201.00 12.85 0.00	232.65 15.72 0.00	284.46 20.50 0.00	410.37 30.52 0.00	366.16 25.29 0.00	238.87 12.84 0.00	186.12 9.23 0.00	178.98 8.14 0.00	188.33 8.63 0.00	167.38 8.04 0.00	163.03 8.33 0.00	183.29 10.89 0.00	188.04 11.01 0.00	205.31 12.43 0.00	190.43 11.28 0.00	183.59 9.95 0.00	175.50 8.58 0.00	161.12 8.38 0.00	171.91 8.26 0.00	172.42 8.64 0.00
E_CANADA_MHWK_HY 24050	243.47 5.84 0.00	216.14 4.62 0.00	182.32 4.43 0.00	203.21 3.88 0.00	193.42 5.28 0.00	223.76 6.83 0.00	272.18 8.22 0.00	391.38 11.53 0.00	351.24 10.37 0.00	233.80 7.76 0.00	182.48 5.59 0.00	175.98 5.14 0.00	183.33 3.63 0.00	164.80 5.46 0.00	163.49 8.79 0.00	181.40 9.00 0.00	185.35 8.32 0.00	200.68 7.81 0.00	186.91 7.76 0.00	181.59 7.95 0.00	175.29 8.37 0.00	161.07 8.33 0.00	171.70 8.05 0.00	170.42 6.64 0.00
E_FISHKILL____LBMP 23776	245.69 8.06 0.00	218.72 7.21 0.00	184.94 7.05 0.00	205.44 6.11 0.00	195.29 7.15 0.00	224.25 7.32 0.00	272.26 8.30 0.00	391.67 11.82 0.00	352.97 12.09 0.00	237.88 11.85 0.00	187.40 10.51 0.00	181.63 10.78 0.00	189.15 9.45 0.00	169.02 9.68 0.00	164.59 9.89 0.00	182.31 9.91 0.00	186.76 9.73 0.00	202.81 9.93 0.00	189.11 9.96 0.00	183.73 10.08 0.00	177.52 10.60 0.00	162.93 10.19 0.00	172.85 9.20 0.00	172.21 8.43 0.00
FALCON____SEABRD_CC1 323796	242.67 5.04 0.00	216.56 5.04 0.00	180.30 2.41 0.00	202.24 2.91 0.00	189.98 1.83 0.00	219.69 2.76 0.00	269.45 5.48 0.00	386.67 6.82 0.00	344.63 3.77 0.00	226.92 0.88 0.00	176.58 -0.31 0.00	171.09 0.25 0.00	180.32 0.62 0.00	160.62 1.28 0.00	155.54 0.84 0.00	173.49 1.09 0.00	178.76 1.73 0.00	195.31 2.43 0.00	181.51 2.36 0.00	175.54 1.90 0.00	167.99 1.06 0.00	153.08 0.34 0.00	165.20 1.55 0.00	165.53 1.75 0.00

FALCON___SEABRD_CC2 323797	242.67 5.04 0.00	216.56 5.04 0.00	180.30 2.41 0.00	202.24 2.91 0.00	189.98 1.83 0.00	219.69 2.76 0.00	269.45 5.48 0.00	386.67 6.82 0.00	344.63 3.77 0.00	226.92 0.88 0.00	176.58 -0.31 0.00	171.09 0.25 0.00	180.32 0.62 0.00	160.62 1.28 0.00	155.54 0.84 0.00	173.49 1.09 0.00	178.76 1.73 0.00	195.31 2.43 0.00	181.51 2.36 0.00	175.54 1.90 0.00	167.99 1.06 0.00	153.08 0.34 0.00	165.20 1.55 0.00	165.53 1.75 0.00
FAR ROCKAWAY___4 23548	356.50 15.65 -103.22	266.35 14.70 -40.13	190.69 12.78 -0.02	211.11 11.72 -0.06	202.75 13.59 -1.02	229.96 13.02 -0.01	330.85 14.15 -52.74	401.38 17.73 -3.79	355.62 18.24 3.48	275.55 19.40 -30.12	669.94 16.84 -476.21	191.32 17.71 -2.77	204.51 16.55 -8.26	200.54 16.37 -24.83	195.22 16.39 -24.13	206.39 17.17 -16.81	211.14 17.17 -16.94	234.90 18.22 -23.80	212.75 17.57 -16.02	207.69 17.52 -16.53	190.35 17.37 -6.07	169.06 16.32 0.00	178.02 14.37 0.00	178.70 13.45 -1.47
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	248.62 10.98 0.00	221.42 9.90 0.00	187.43 9.55 0.00	207.84 8.50 0.00	197.83 9.69 0.00	226.97 10.04 0.00	275.32 11.35 0.00	396.52 16.67 0.00	357.83 16.97 0.00	242.04 16.00 0.00	191.10 14.21 0.00	185.55 14.71 0.00	192.83 13.13 0.00	172.60 13.26 0.00	168.12 13.42 0.00	185.97 13.56 0.00	190.77 13.75 0.00	206.71 13.83 0.00	192.87 13.72 0.00	187.30 13.65 0.00	180.91 13.99 0.00	166.09 13.35 0.00	175.55 11.90 0.00	174.71 10.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	248.85 11.22 0.00	221.59 10.08 0.00	187.61 9.72 0.00	207.98 8.65 0.00	197.95 9.81 0.00	227.10 10.17 0.00	275.52 11.56 0.00	396.90 17.05 0.00	358.18 17.31 0.00	242.19 16.15 0.00	191.23 14.34 0.00	185.68 14.84 0.00	192.92 13.22 0.00	172.67 13.33 0.00	168.25 13.55 0.00	186.11 13.71 0.00	190.88 13.85 0.00	206.86 13.98 0.00	193.03 13.89 0.00	187.47 13.83 0.00	181.07 14.14 0.00	166.23 13.49 0.00	175.70 12.05 0.00	174.86 11.08 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	248.43 10.80 0.00	221.31 9.79 0.00	187.36 9.47 0.00	207.70 8.37 0.00	197.69 9.54 0.00	226.85 9.92 0.00	275.15 11.19 0.00	396.40 16.55 0.00	357.61 16.74 0.00	241.93 15.89 0.00	191.01 14.12 0.00	185.42 14.58 0.00	192.71 13.01 0.00	172.50 13.15 0.00	168.07 13.37 0.00	185.92 13.52 0.00	190.67 13.64 0.00	206.60 13.72 0.00	192.75 13.60 0.00	187.15 13.51 0.00	180.79 13.86 0.00	165.98 13.25 0.00	175.48 11.83 0.00	174.60 10.82 0.00
FARRAGUT___LBMP 323566	248.19 10.57 0.00	221.12 9.60 0.00	187.18 9.30 0.00	207.55 8.22 0.00	197.53 9.39 0.00	226.61 9.68 0.00	274.89 10.92 0.00	395.95 16.10 0.00	357.24 16.37 0.00	241.63 15.59 0.00	190.78 13.89 0.00	185.21 14.37 0.00	192.52 12.81 0.00	172.30 12.96 0.00	167.85 13.15 0.00	185.68 13.28 0.00	190.45 13.42 0.00	206.39 13.51 0.00	192.55 13.41 0.00	186.98 13.34 0.00	180.62 13.70 0.00	165.87 13.13 0.00	175.34 11.70 0.00	174.45 10.67 0.00
FENNER___WINDPWR 24204	243.00 5.36 0.00	215.99 4.48 0.00	181.95 4.06 0.00	203.73 4.40 0.00	192.97 4.83 0.00	223.25 6.32 0.00	271.50 7.54 0.00	390.08 10.23 0.00	350.39 9.52 0.00	230.93 4.89 0.00	180.12 3.23 0.00	173.27 2.43 0.00	181.95 2.25 0.00	161.64 2.29 0.00	157.90 3.20 0.00	176.38 3.98 0.00	180.63 3.61 0.00	196.76 3.89 0.00	182.41 3.26 0.00	176.19 2.55 0.00	169.35 2.43 0.00	154.55 1.81 0.00	164.99 1.34 0.00	165.07 1.29 0.00
FIBERTEK___ENERGY 23856	235.06 -2.58 0.00	208.66 -2.86 0.00	175.94 -1.94 0.00	197.21 -2.13 0.00	186.75 -1.39 0.00	216.08 -0.86 0.00	262.58 -1.38 0.00	378.65 -1.20 0.00	340.60 -0.27 0.00	224.98 -1.05 0.00	175.65 -1.24 0.00	169.29 -1.56 0.00	177.83 -1.87 0.00	157.91 -1.44 0.00	153.92 -0.79 0.00	171.37 -1.04 0.00	175.15 -1.87 0.00	190.61 -2.27 0.00	177.08 -2.07 0.00	171.41 -2.23 0.00	164.81 -2.11 0.00	150.80 -1.93 0.00	161.39 -2.26 0.00	161.38 -2.40 0.00
FITZPATRICK___ 23598	228.35 -9.28 0.00	202.94 -8.58 0.00	171.07 -6.82 0.00	191.76 -7.58 0.00	181.39 -6.75 0.00	209.53 -7.40 0.00	254.52 -9.44 0.00	366.77 -13.08 0.00	329.86 -11.01 0.00	218.21 -7.82 0.00	170.61 -6.28 0.00	164.50 -6.34 0.00	172.95 -6.75 0.00	153.49 -5.85 0.00	149.32 -5.38 0.00	166.22 -6.18 0.00	170.02 -7.01 0.00	185.11 -7.77 0.00	171.86 -7.28 0.00	166.39 -7.25 0.00	160.16 -6.76 0.00	146.54 -6.20 0.00	156.95 -6.70 0.00	157.09 -6.69 0.00
FLOWRFLD_69_KV_BK1 356044	239.87 9.62 7.38	219.94 10.01 1.59	187.28 9.40 0.00	206.57 7.24 0.00	197.36 9.29 0.07	223.37 6.44 0.00	247.46 5.91 22.40	293.11 7.78 94.53	329.33 11.65 23.20	244.09 15.14 -2.91	287.36 14.65 -95.82	188.97 15.36 -2.77	194.28 14.05 -0.53	175.55 14.63 -1.58	170.98 14.72 -1.56	188.91 15.43 -1.08	193.11 14.99 -1.09	231.98 16.30 -22.81	200.65 15.27 -6.23	193.02 15.79 -3.58	182.33 15.02 -0.39	166.98 14.25 0.00	174.56 10.91 0.00	173.53 9.66 -0.09
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	250.10 12.47 0.00	222.50 10.98 0.00	188.07 10.18 0.00	209.03 9.70 0.00	198.72 10.58 0.00	228.59 11.66 0.00	277.91 13.94 0.00	400.15 20.30 0.00	360.75 19.88 0.00	242.65 16.61 0.00	191.06 14.17 0.00	185.02 14.17 0.00	192.79 13.09 0.00	172.15 12.81 0.00	167.71 13.01 0.00	185.80 13.40 0.00	190.25 13.22 0.00	206.94 14.06 0.00	192.94 13.79 0.00	187.37 13.73 0.00	180.90 13.97 0.00	165.84 13.10 0.00	175.89 12.24 0.00	175.12 11.34 0.00
FORT ORANGE___ 23900	244.10 6.47 0.00	217.77 6.25 0.00	183.92 6.03 0.00	205.15 5.82 0.00	194.52 6.37 0.00	223.96 7.03 0.00	271.40 7.43 0.00	389.63 9.78 0.00	350.28 9.41 0.00	234.97 8.94 0.00	183.34 6.45 0.00	177.25 6.41 0.00	185.39 5.69 0.00	164.95 5.61 0.00	159.91 5.21 0.00	177.91 5.51 0.00	182.46 5.43 0.00	198.52 5.64 0.00	184.67 5.52 0.00	179.79 6.15 0.00	174.01 7.09 0.00	159.53 6.79 0.00	170.97 7.33 0.00	170.39 6.61 0.00
FORT_DRUM_COGEN 23780	249.06 11.43 0.00	222.06 10.54 0.00	186.74 8.85 0.00	209.46 10.13 0.00	198.04 9.90 0.00	229.57 12.64 0.00	281.02 17.05 0.00	404.67 24.81 0.00	362.61 21.74 0.00	237.93 11.89 0.00	185.80 8.91 0.00	178.20 7.36 0.00	187.23 7.53 0.00	165.53 6.19 0.00	161.87 7.17 0.00	181.79 9.39 0.00	186.03 9.00 0.00	203.04 10.17 0.00	188.16 9.01 0.00	179.89 6.25 0.00	171.13 4.21 0.00	154.84 2.10 0.00	164.16 0.51 0.00	164.64 0.86 0.00
FOX_HILLS___ESR 323835	425.47 12.37 -175.47	383.01 11.59 -159.90	379.25 10.91 -190.46	380.17 9.77 -171.08	379.73 11.03 -180.56	386.70 11.40 -158.37	424.79 12.84 -147.99	537.57 18.66 -139.06	504.91 18.40 -145.65	532.11 16.84 -289.23	487.35 14.78 -295.68	384.33 15.17 -198.32	292.95 13.59 -99.66	295.95 13.77 -122.84	244.48 14.04 -75.74	210.53 14.04 -24.09	194.55 14.27 -3.25	255.58 14.53 -48.17	430.68 14.41 -237.11	488.94 14.35 -300.95	859.10 14.66 -677.52	1269.13 13.90 -1102.49	248.43 12.58 -72.20	230.34 11.73 -54.83
FPL FAR_ROCK_GT1 24212	356.61 15.76 -103.22	266.35 14.70 -40.13	190.66 12.75 -0.02	211.13 11.74 -0.06	202.75 13.59 -1.02	229.96 13.02 -0.01	330.83 14.13 -52.74	401.37 17.73 -3.79	355.62 18.24 3.48	275.56 19.40 -30.12	669.96 16.86 -476.21	191.31 17.71 -2.77	204.50 16.54 -8.26	200.54 16.37 -24.83	195.22 16.39 -24.13	206.38 17.17 -16.81	211.14 17.17 -16.94	234.77 18.10 -23.80	212.69 17.51 -16.02	207.65 17.48 -16.53	190.29 17.31 -6.07	168.98 16.24 0.00	178.00 14.35 0.00	178.68 13.44 -1.47



FPL FAR_ROCK_GT2 23815	356.61 15.76 -103.22	266.35 14.70 -40.13	190.66 12.75 -0.02	211.13 11.74 -0.06	202.75 13.59 -1.02	229.96 13.02 -0.01	330.83 14.13 -52.74	401.37 17.73 -3.79	355.62 18.24 3.48	275.56 19.40 -30.12	669.96 16.86 -476.21	191.31 17.71 -2.77	204.50 16.54 -8.26	200.54 16.37 -24.83	195.22 16.39 -24.13	206.38 17.17 -16.81	211.14 17.17 -16.94	234.77 18.10 -23.80	212.69 17.51 -16.02	207.65 17.48 -16.53	190.29 17.31 -6.07	168.98 16.24 0.00	178.00 14.35 0.00	178.68 13.44 -1.47
FRANKLIN_FALL_HYD 24054	247.19 9.56 0.00	220.83 9.31 0.00	183.93 6.04 0.00	206.89 7.56 0.00	193.51 5.37 0.00	223.64 6.71 0.00	273.05 9.09 0.00	392.75 12.90 0.00	350.83 9.96 0.00	229.97 3.94 0.00	179.35 2.46 0.00	173.18 2.33 0.00	182.97 3.26 0.00	162.13 2.79 0.00	157.00 2.29 0.00	175.82 3.42 0.00	181.69 4.66 0.00	199.00 6.12 0.00	184.59 5.44 0.00	178.29 4.65 0.00	170.78 3.86 0.00	155.87 3.14 0.00	167.79 4.14 0.00	168.52 4.74 0.00
FREEPORT_EQUS_GT1 23764	278.96 13.16 -28.17	235.93 12.59 -11.82	188.84 10.94 -0.01	209.00 9.65 -0.02	199.99 11.54 -0.31	227.55 10.62 0.00	279.67 10.78 -4.93	344.64 13.50 48.71	343.60 16.23 13.50	255.11 17.42 -11.66	411.47 16.48 -218.10	189.97 16.36 -2.77	198.04 15.07 -3.27	184.16 15.19 -9.63	179.41 15.16 -9.55	194.79 15.78 -6.61	199.46 15.73 -6.70	232.55 16.52 -23.16	204.86 16.01 -9.70	197.95 16.14 -8.16	185.14 15.82 -2.40	167.61 14.88 0.00	176.63 12.98 0.00	176.25 11.89 -0.58
FREEPORT___CT2 23818	278.96 13.16 -28.17	235.93 12.59 -11.82	188.84 10.94 -0.01	209.00 9.65 -0.02	199.99 11.54 -0.31	227.55 10.62 0.00	279.67 10.78 -4.93	344.64 13.50 48.71	343.60 16.23 13.50	255.11 17.42 -11.66	411.47 16.48 -218.10	189.97 16.36 -2.77	198.04 15.07 -3.27	184.16 15.19 -9.63	179.41 15.16 -9.55	194.79 15.78 -6.61	199.46 15.73 -6.70	232.55 16.52 -23.16	204.86 16.01 -9.70	197.95 16.14 -8.16	185.14 15.82 -2.40	167.61 14.88 0.00	176.63 12.98 0.00	176.25 11.89 -0.58
FRESHKLS_33_KV_LOAD 356253	425.56 12.46 -175.47	383.08 11.66 -159.90	379.24 10.89 -190.46	380.09 9.68 -171.08	379.73 11.03 -180.56	386.68 11.38 -158.37	424.69 12.73 -147.99	537.64 18.72 -139.06	504.78 18.26 -145.65	532.29 16.54 -289.71	496.38 14.42 -305.07	387.14 14.78 -201.52	295.27 13.11 -102.47	298.09 13.38 -125.37	247.28 13.65 -78.93	212.76 13.61 -26.75	198.64 13.92 -7.69	256.42 14.16 -49.39	431.65 14.10 -238.40	490.41 14.05 -302.72	867.28 14.37 -685.99	1270.84 13.56 -1104.54	248.14 12.29 -72.20	230.12 11.51 -54.83
FULTON COGEN____ 23766	231.71 -5.92 0.00	205.80 -5.71 0.00	173.58 -4.30 0.00	194.53 -4.80 0.00	184.16 -3.98 0.00	212.85 -4.08 0.00	259.12 -4.84 0.00	374.60 -5.25 0.00	337.10 -3.77 0.00	222.71 -3.33 0.00	174.02 -2.88 0.00	167.68 -3.16 0.00	176.21 -3.49 0.00	156.21 -3.14 0.00	152.21 -2.49 0.00	169.52 -2.88 0.00	173.27 -3.76 0.00	188.65 -4.23 0.00	175.19 -3.95 0.00	169.55 -4.09 0.00	163.18 -3.74 0.00	149.20 -3.53 0.00	159.67 -3.98 0.00	159.63 -4.15 0.00
FULTON___LFGE 323630	254.33 16.70 0.00	226.12 14.60 0.00	190.24 12.36 0.00	213.05 13.71 0.00	201.80 13.66 0.00	233.64 16.71 0.00	285.48 21.52 0.00	411.91 32.06 0.00	367.39 26.52 0.00	240.45 14.42 0.00	187.04 10.15 0.00	179.75 8.91 0.00	188.67 8.97 0.00	167.74 8.40 0.00	163.44 8.74 0.00	183.87 11.47 0.00	189.85 12.83 0.00	207.78 14.90 0.00	193.00 13.85 0.00	186.51 12.87 0.00	178.89 11.97 0.00	163.68 10.94 0.00	174.51 10.86 0.00	174.52 10.74 0.00
G.F.CEMENT___DRP 24184	253.54 15.91 0.00	224.93 13.41 0.00	189.88 11.99 0.00	211.97 12.64 0.00	201.09 12.95 0.00	232.36 15.43 0.00	283.83 19.87 0.00	408.63 28.78 0.00	366.55 25.68 0.00	243.74 17.70 0.00	190.20 13.31 0.00	183.38 12.54 0.00	191.81 12.11 0.00	169.81 10.47 0.00	165.56 10.86 0.00	185.27 12.87 0.00	192.20 15.18 0.00	209.73 16.85 0.00	195.12 15.97 0.00	189.21 15.57 0.00	182.66 15.74 0.00	166.80 14.06 0.00	177.64 13.99 0.00	176.71 12.93 0.00
GARDENVILLE___LBMP 24039	225.05 -12.58 0.00	197.40 -14.11 0.00	167.43 -10.46 0.00	190.12 -9.22 0.00	179.90 -8.25 0.00	210.68 -6.25 0.00	249.84 -14.12 0.00	356.82 -23.03 0.00	325.53 -15.34 0.00	210.63 -15.41 0.00	164.05 -12.84 0.00	156.82 -14.02 0.00	166.43 -13.27 0.00	148.52 -10.82 0.00	145.36 -9.35 0.00	161.39 -11.01 0.00	161.35 -15.68 0.00	174.76 -18.12 0.00	156.38 -17.59 5.18	142.14 -18.27 13.23	115.80 -16.98 34.14	106.39 -16.02 30.33	128.92 -15.94 18.79	148.54 -14.62 0.62
GARDNVLA_35_KV_LD 355827	226.04 -11.59 0.00	198.14 -13.38 0.00	168.07 -9.82 0.00	190.91 -8.42 0.00	180.68 -7.47 0.00	211.62 -5.31 0.00	251.08 -12.88 0.00	358.69 -21.16 0.00	327.20 -13.67 0.00	211.76 -14.27 0.00	164.90 -11.99 0.00	157.61 -13.23 0.00	167.27 -12.43 0.00	149.24 -10.10 0.00	146.00 -8.70 0.00	162.19 -10.21 0.00	163.79 -14.81 -1.58	206.46 -17.10 -30.69	175.83 -16.57 -13.25	145.77 -17.30 10.57	123.36 -16.13 27.43	113.12 -15.25 24.37	133.42 -15.13 15.09	149.50 -13.79 0.49
GELCKHM___115KV_LOAD 80723	233.12 -4.51 0.00	206.97 -4.55 0.00	174.52 -3.37 0.00	195.61 -3.72 0.00	185.23 -2.92 0.00	214.27 -2.66 0.00	260.26 -3.70 0.00	375.10 -4.75 0.00	337.58 -3.28 0.00	223.10 -2.94 0.00	174.29 -2.60 0.00	167.95 -2.89 0.00	176.50 -3.20 0.00	156.71 -2.63 0.00	152.76 -1.95 0.00	170.00 -2.40 0.00	173.77 -3.26 0.00	189.10 -3.78 0.00	175.63 -3.52 0.00	170.05 -3.59 0.00	163.52 -3.40 0.00	149.58 -3.15 0.00	160.11 -3.54 0.00	160.13 -3.66 0.00
GENERAL___MILLS 23808	225.75 -11.88 0.00	197.88 -13.64 0.00	167.89 -10.00 0.00	190.58 -8.75 0.00	180.41 -7.73 0.00	211.21 -5.72 0.00	250.59 -13.37 0.00	357.96 -21.89 0.00	326.52 -14.35 0.00	211.31 -14.73 0.00	164.56 -12.33 0.00	157.33 -13.51 0.00	167.00 -12.70 0.00	148.98 -10.36 0.00	145.75 -8.95 0.00	161.91 -10.49 0.00	161.86 -15.17 0.00	175.35 -17.52 0.00	157.74 -16.95 4.46	144.61 -17.65 11.38	121.07 -16.46 29.38	111.13 -15.50 26.11	132.09 -15.39 16.17	149.19 -14.06 0.53
GE_PLASTICS___DRP 24183	242.26 4.63 0.00	215.87 4.35 0.00	182.25 4.36 0.00	203.30 3.97 0.00	192.73 4.59 0.00	221.74 4.81 0.00	268.75 4.78 0.00	385.97 6.12 0.00	347.10 6.23 0.00	232.74 6.70 0.00	182.04 5.15 0.00	176.09 5.25 0.00	184.31 4.61 0.00	164.08 4.74 0.00	159.24 4.54 0.00	176.93 4.53 0.00	181.20 4.17 0.00	197.01 4.13 0.00	183.24 4.09 0.00	178.29 4.64 0.00	172.56 5.64 0.00	158.17 5.43 0.00	169.32 5.67 0.00	168.89 5.11 0.00
GILBOA___1 23756	242.34 4.71 0.00	215.53 4.01 0.00	181.92 4.03 0.00	202.90 3.57 0.00	192.40 4.26 0.00	221.50 4.57 0.00	268.78 4.82 0.00	385.81 5.95 0.00	347.26 6.40 0.00	232.68 6.64 0.00	182.61 5.72 0.00	176.61 5.77 0.00	185.31 5.61 0.00	165.10 5.76 0.00	160.54 5.84 0.00	177.71 5.31 0.00	181.09 4.07 0.00	196.30 3.42 0.00	182.77 3.62 0.00	178.02 4.38 0.00	172.21 5.29 0.00	158.05 5.31 0.00	168.86 5.21 0.00	168.49 4.71 0.00
GILBOA___2 23757	242.34 4.71 0.00	215.53 4.01 0.00	181.92 4.03 0.00	202.90 3.57 0.00	192.40 4.26 0.00	221.50 4.57 0.00	268.78 4.82 0.00	385.81 5.95 0.00	347.26 6.40 0.00	232.68 6.64 0.00	182.61 5.72 0.00	176.61 5.77 0.00	185.31 5.61 0.00	165.10 5.76 0.00	160.54 5.84 0.00	177.71 5.31 0.00	181.09 4.07 0.00	196.30 3.42 0.00	182.77 3.62 0.00	178.02 4.38 0.00	172.21 5.29 0.00	158.05 5.31 0.00	168.86 5.21 0.00	168.49 4.71 0.00

GILBOA___3 23758	242.34 4.71 0.00	215.53 4.01 0.00	181.92 4.03 0.00	202.90 3.57 0.00	192.40 4.26 0.00	221.50 4.57 0.00	268.78 4.82 0.00	385.81 5.95 0.00	347.26 6.40 0.00	232.68 6.64 0.00	182.61 5.72 0.00	176.61 5.77 0.00	185.31 5.61 0.00	165.10 5.76 0.00	160.54 5.84 0.00	177.71 5.31 0.00	181.09 4.07 0.00	196.30 3.42 0.00	182.77 3.62 0.00	178.02 4.38 0.00	172.21 5.29 0.00	158.05 5.31 0.00	168.86 5.21 0.00	168.49 4.71 0.00
GILBOA___4 23759	242.34 4.71 0.00	215.53 4.01 0.00	181.92 4.03 0.00	202.90 3.57 0.00	192.40 4.26 0.00	221.50 4.57 0.00	268.78 4.82 0.00	385.81 5.95 0.00	347.26 6.40 0.00	232.68 6.64 0.00	182.61 5.72 0.00	176.61 5.77 0.00	185.31 5.61 0.00	165.10 5.76 0.00	160.54 5.84 0.00	177.71 5.31 0.00	181.09 4.07 0.00	196.30 3.42 0.00	182.77 3.62 0.00	178.02 4.38 0.00	172.21 5.29 0.00	158.05 5.31 0.00	168.86 5.21 0.00	168.49 4.71 0.00
GILBOA___ 23599	242.33 4.70 0.00	215.53 4.02 0.00	181.90 4.02 0.00	202.90 3.57 0.00	192.39 4.25 0.00	221.50 4.57 0.00	268.77 4.81 0.00	385.81 5.96 0.00	347.26 6.39 0.00	232.66 6.62 0.00	182.61 5.72 0.00	176.61 5.76 0.00	185.31 5.61 0.00	165.10 5.76 0.00	160.54 5.84 0.00	177.71 5.31 0.00	181.10 4.07 0.00	196.38 3.51 0.00	182.79 3.64 0.00	178.03 4.38 0.00	172.28 5.36 0.00	158.08 5.34 0.00	168.87 5.22 0.00	168.50 4.71 0.00
GINNA___ 23603	221.47 -16.16 0.00	195.78 -15.74 0.00	165.42 -12.47 0.00	186.50 -12.83 0.00	176.57 -11.57 0.00	205.59 -11.34 0.00	247.61 -16.35 0.00	355.50 -24.35 0.00	321.70 -19.17 0.00	210.53 -15.51 0.00	164.11 -12.78 0.00	157.71 -13.14 0.00	166.46 -13.24 0.00	148.01 -11.33 0.00	144.55 -10.15 0.00	160.77 -11.63 0.00	162.93 -14.10 0.00	177.90 -14.98 0.00	164.60 -14.55 0.00	158.67 -14.97 0.00	152.97 -13.95 0.00	139.44 -13.30 0.00	149.40 -14.25 0.00	150.16 -13.62 0.00
GLEN PARK___ 23778	250.36 12.73 0.00	223.09 11.57 0.00	187.63 9.75 0.00	210.46 11.12 0.00	199.07 10.93 0.00	230.95 14.01 0.00	283.03 19.07 0.00	407.66 27.82 0.00	365.26 24.40 0.00	239.55 13.51 0.00	186.97 10.08 0.00	179.34 8.50 0.00	188.40 8.70 0.00	166.65 7.31 0.00	162.96 8.26 0.00	183.11 10.70 0.00	187.38 10.35 0.00	204.65 11.78 0.00	189.76 10.61 0.00	181.43 7.79 0.00	172.69 5.77 0.00	156.15 3.41 0.00	165.46 1.81 0.00	165.77 1.99 0.00
GLENDALE_27_KV_LOAD 356172	249.79 12.16 0.00	222.63 11.12 0.00	188.69 10.81 0.00	209.05 9.71 0.00	199.10 10.95 0.00	228.29 11.36 0.00	276.94 12.97 0.00	398.64 18.79 0.00	359.66 18.79 0.00	244.52 17.52 -0.96	211.88 15.73 -19.26	196.51 16.18 -9.49	202.12 14.68 -7.74	186.30 14.72 -12.23	183.42 14.87 -13.85	192.77 15.01 -5.35	201.13 15.14 -8.96	210.77 15.44 -2.45	198.77 15.27 -4.36	192.42 15.21 -3.57	201.96 15.49 -19.54	177.64 14.68 -10.22	176.98 13.33 -0.01	176.10 12.32 0.00
GLENWOOD_IC_1_G5 23712	264.27 12.30 -14.34	229.59 11.48 -6.60	188.19 10.30 0.00	208.59 9.25 -0.01	198.88 10.58 -0.16	225.85 8.91 0.00	275.16 9.49 -1.71	360.22 12.73 32.36	345.92 14.29 9.24	250.24 15.95 -8.25	363.65 16.26 -170.50	190.08 16.47 -2.77	197.08 15.18 -2.20	181.04 15.20 -6.50	176.44 15.30 -6.44	192.71 15.85 -4.46	197.27 15.72 -4.52	232.05 16.15 -23.02	203.07 15.57 -8.35	196.08 16.06 -6.38	184.37 15.83 -1.62	167.71 14.97 0.00	176.58 12.93 0.00	175.48 11.31 -0.39
GLENWOOD_IC_2_G1 23688	248.79 11.16 0.00	223.00 10.29 -1.20	187.31 9.42 0.00	207.65 8.32 0.00	197.87 9.73 0.00	226.17 9.24 0.00	273.90 9.93 0.00	386.14 13.50 7.22	352.66 14.62 2.83	246.82 16.25 -4.53	311.78 16.37 -118.51	189.41 15.80 -2.77	195.18 14.46 -1.02	176.93 14.56 -3.03	172.35 14.67 -2.98	189.65 15.18 -2.07	194.10 14.98 -2.09	231.34 15.59 -22.87	201.10 15.10 -6.85	193.40 15.36 -4.39	182.75 15.08 -0.75	167.05 14.32 0.00	176.05 12.41 0.00	175.24 11.27 -0.18
GLENWOOD_IC_3_G1 23689	248.79 11.16 0.00	223.00 10.29 -1.20	187.31 9.42 0.00	207.65 8.32 0.00	197.87 9.73 0.00	226.17 9.24 0.00	273.90 9.93 0.00	386.14 13.50 7.22	352.66 14.62 2.83	246.82 16.25 -4.53	311.78 16.37 -118.51	189.41 15.80 -2.77	195.18 14.46 -1.02	176.93 14.56 -3.03	172.35 14.67 -2.98	189.65 15.18 -2.07	194.10 14.98 -2.09	231.34 15.59 -22.87	201.10 15.10 -6.85	193.40 15.36 -4.39	182.75 15.08 -0.75	167.05 14.32 0.00	176.05 12.41 0.00	175.24 11.27 -0.18
GLENWOOD___4 23550	264.27 12.30 -14.34	229.59 11.48 -6.60	188.19 10.30 0.00	208.59 9.25 -0.01	198.93 10.63 -0.16	226.39 9.46 0.00	275.78 10.11 -1.71	361.14 13.65 32.36	346.74 15.11 9.24	250.79 16.50 -8.25	364.02 16.62 -170.50	190.08 16.47 -2.77	197.08 15.18 -2.20	181.04 15.20 -6.50	176.44 15.30 -6.44	192.71 15.85 -4.46	197.27 15.72 -4.52	232.18 16.28 -23.02	203.19 15.69 -8.35	196.08 16.06 -6.38	184.37 15.83 -1.62	167.71 14.97 0.00	176.62 12.97 0.00	175.66 11.49 -0.39
GLENWOOD___5 23614	264.27 12.30 -14.34	229.59 11.48 -6.60	188.19 10.30 0.00	208.59 9.25 -0.01	198.93 10.63 -0.16	226.39 9.46 0.00	275.78 10.11 -1.71	361.14 13.65 32.36	346.74 15.11 9.24	250.79 16.50 -8.25	364.02 16.62 -170.50	190.08 16.47 -2.77	197.08 15.18 -2.20	181.04 15.20 -6.50	176.44 15.30 -6.44	192.71 15.85 -4.46	197.27 15.72 -4.52	232.18 16.28 -23.02	203.19 15.69 -8.35	196.08 16.06 -6.38	184.37 15.83 -1.62	167.71 14.97 0.00	176.62 12.97 0.00	175.66 11.49 -0.39
GLOBAL GREEN_PORT_GT1 23814	243.95 13.97 7.65	223.10 13.27 1.69	194.50 16.62 0.00	214.46 15.13 0.00	204.11 16.05 0.08	226.32 9.39 0.00	249.99 8.67 22.64	296.92 12.10 95.03	332.65 15.09 23.31	246.40 17.52 -2.84	291.05 19.27 -94.89	196.63 23.02 -2.77	201.66 21.44 -0.51	181.62 20.76 -1.52	176.90 20.71 -1.50	196.31 22.87 -1.04	197.09 19.02 -1.05	236.76 21.07 -22.81	205.60 20.24 -6.21	202.01 24.83 -3.54	190.12 22.82 -0.38	173.68 20.94 0.00	180.92 17.27 0.00	180.69 16.82 -0.09
GLOBE___DSASP 323697	216.86 -20.77 0.00	190.07 -21.45 0.00	161.29 -16.60 0.00	183.45 -15.88 0.00	173.39 -14.76 0.00	203.18 -13.75 0.00	239.74 -24.22 0.00	341.53 -38.32 0.00	312.18 -28.69 0.00	201.72 -24.32 0.00	156.99 -19.90 0.00	150.11 -20.74 0.00	159.45 -20.24 0.00	141.93 -17.41 0.00	138.72 -15.99 0.00	154.02 -18.39 0.00	153.71 -23.32 0.00	166.82 -26.06 0.00	151.25 -24.51 3.39	140.14 -24.86 8.65	122.22 -22.38 22.32	112.16 -20.75 19.83	130.31 -21.05 12.29	143.92 -19.46 0.40
GOETHSLN___LBMP 323567	246.70 9.07 0.00	219.90 8.39 0.00	186.17 8.29 0.00	206.32 6.99 0.00	196.43 8.29 0.00	225.18 8.25 0.00	273.23 9.27 0.00	393.42 13.57 0.00	354.66 13.78 0.00	231.47 13.97 8.53	182.76 12.70 6.83	180.05 13.16 3.95	185.28 11.48 5.90	171.16 11.81 0.00	166.74 12.04 0.00	184.47 12.08 0.00	189.27 12.24 0.00	205.14 12.26 0.00	191.42 12.27 0.00	185.88 12.24 0.00	179.57 12.65 0.00	164.93 12.19 0.00	174.36 10.71 0.00	173.59 9.81 0.00
GOLAH___69_KV_TB 1_2 80279	231.81 -5.82 0.00	204.27 -7.24 0.00	172.68 -5.20 0.00	195.10 -4.24 0.00	184.64 -3.50 0.00	215.56 -1.37 0.00	258.31 -5.65 0.00	370.53 -9.32 0.00	336.48 -4.39 0.00	219.21 -6.83 0.00	170.63 -6.26 0.00	163.73 -7.11 0.00	172.92 -6.78 0.00	153.86 -5.48 0.00	150.42 -4.28 0.00	167.35 -5.05 0.00	171.92 -8.02 -2.91	241.02 -8.50 -56.65	202.88 -8.47 -32.20	164.64 -9.24 -0.24	158.73 -8.53 -0.34	144.69 -8.34 -0.30	155.49 -8.34 -0.18	156.35 -7.43 0.00

GOODYEAR_LAKE_HYD 323669	248.84 11.21 0.00	221.02 9.50 0.00	186.14 8.25 0.00	208.34 9.00 0.00	197.58 9.44 0.00	228.69 11.76 0.00	278.98 15.02 0.00	401.67 21.82 0.00	361.01 20.14 0.00	239.32 13.28 0.00	187.30 10.41 0.00	180.36 9.52 0.00	189.30 9.61 0.00	168.43 9.09 0.00	164.12 9.41 0.00	182.94 10.54 0.00	186.83 9.80 0.00	203.64 10.77 0.00	189.13 9.98 0.00	183.03 9.39 0.00	175.65 8.73 0.00	160.88 8.14 0.00	170.98 7.33 0.00	170.74 6.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	238.64 1.01 0.00	210.95 -0.57 0.00	177.63 -0.26 0.00	199.13 -0.20 0.00	188.87 0.72 0.00	218.83 1.90 0.00	265.42 1.45 0.00	381.37 1.52 0.00	343.56 2.69 0.00	227.10 1.07 0.00	177.84 0.95 0.00	170.90 0.05 0.00	179.81 0.11 0.00	160.12 0.78 0.00	156.12 1.42 0.00	173.57 1.17 0.00	176.78 -0.25 0.00	191.94 -0.93 0.00	178.54 -0.61 0.00	172.91 -0.73 0.00	166.21 -0.71 0.00	152.42 -0.32 0.00	163.65 0.00 0.00	163.46 -0.32 0.00
GOUDEY___7 23579	238.64 1.01 0.00	210.95 -0.57 0.00	177.63 -0.26 0.00	199.13 -0.20 0.00	188.87 0.72 0.00	218.83 1.90 0.00	265.42 1.45 0.00	381.37 1.52 0.00	343.56 2.69 0.00	227.10 1.07 0.00	177.84 0.95 0.00	170.90 0.05 0.00	179.81 0.11 0.00	160.12 0.78 0.00	156.12 1.42 0.00	173.57 1.17 0.00	176.78 -0.25 0.00	191.94 -0.93 0.00	178.54 -0.61 0.00	172.91 -0.73 0.00	166.21 -0.71 0.00	152.42 -0.32 0.00	163.65 0.00 0.00	163.46 -0.32 0.00
GOUDEY___8 23580	238.64 1.01 0.00	210.95 -0.57 0.00	177.63 -0.26 0.00	199.13 -0.20 0.00	188.87 0.72 0.00	218.83 1.90 0.00	265.42 1.45 0.00	381.37 1.52 0.00	343.56 2.69 0.00	227.10 1.07 0.00	177.84 0.95 0.00	170.90 0.05 0.00	179.81 0.11 0.00	160.12 0.78 0.00	156.12 1.42 0.00	173.57 1.17 0.00	176.78 -0.25 0.00	191.94 -0.93 0.00	178.54 -0.61 0.00	172.91 -0.73 0.00	166.21 -0.71 0.00	152.42 -0.32 0.00	163.65 0.00 0.00	163.46 -0.32 0.00
GOWANUS_GT1_1 24077	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT1_2 24078	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT1_3 24079	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT1_4 24080	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT1_5 24084	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT1_6 24111	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT1_7 24112	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT1_8 24113	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.12 15.54 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT2_1 24114	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT2_2 24115	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT2_3 24116	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83

GOWANUS_GT2_4 24117	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT2_5 24118	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT2_6 24119	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT2_7 24120	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT2_8 24121	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT3_1 24122	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.13 15.55 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
GOWANUS_GT3_2 24123	425.88 12.77 -175.47																							

GOWANUS_GT4_3 24132	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	607.05 17.61 -363.40	1952.50 15.55 -1760.06	749.10 15.96 -562.30	731.42 14.43 -537.30	690.99 14.54 -517.11	742.13 14.76 -572.67	625.47 14.76 -438.32	888.40 15.01 -696.36	446.11 15.30 -237.93	631.13 15.15 -436.83	765.89 15.03 -577.22	2179.74 15.40 -1997.42	1588.49 14.52 -1421.23	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT4_4 24133	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	607.05 17.61 -363.40	1952.50 15.55 -1760.06	749.10 15.96 -562.30	731.42 14.43 -537.30	690.99 14.54 -517.11	742.13 14.76 -572.67	625.47 14.76 -438.32	888.40 15.01 -696.36	446.11 15.30 -237.93	631.13 15.15 -436.83	765.89 15.03 -577.22	2179.74 15.40 -1997.42	1588.49 14.52 -1421.23	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT4_5 24134	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	607.05 17.61 -363.40	1952.50 15.55 -1760.06	749.10 15.96 -562.30	731.42 14.43 -537.30	690.99 14.54 -517.11	742.13 14.76 -572.67	625.47 14.76 -438.32	888.40 15.01 -696.36	446.11 15.30 -237.93	631.13 15.15 -436.83	765.89 15.03 -577.22	2179.74 15.40 -1997.42	1588.49 14.52 -1421.23	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT4_6 24135	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	607.05 17.61 -363.40	1952.50 15.55 -1760.06	749.10 15.96 -562.30	731.42 14.43 -537.30	690.99 14.54 -517.11	742.13 14.76 -572.67	625.47 14.76 -438.32	888.40 15.01 -696.36	446.11 15.30 -237.93	631.13 15.15 -436.83	765.89 15.03 -577.22	2179.74 15.40 -1997.42	1588.49 14.52 -1421.23	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT4_7 24136	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	607.05 17.61 -363.40	1952.50 15.55 -1760.06	749.10 15.96 -562.30	731.42 14.43 -537.30	690.99 14.54 -517.11	742.13 14.76 -572.67	625.47 14.76 -438.32	888.40 15.01 -696.36	446.11 15.30 -237.93	631.13 15.15 -436.83	765.89 15.03 -577.22	2179.74 15.40 -1997.42	1588.49 14.52 -1421.23	249.06 13.21 -72.20	230.85 12.23 -54.83
GOWANUS_GT4_8 24137	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	607.05 17.61 -363.40	1952.50 15.55 -1760.06	749.10 15.96 -562.30	731.42 14.43 -537.30	690.99 14.54 -517.11	742.13 14.76 -572.67	625.47 14.76 -438.32	888.40 15.01 -696.36	446.11 15.30 -237.93	631.13 15.15 -436.83	765.89 15.03 -577.22	2179.74 15.40 -1997.42	1588.49 14.52 -1421.23	249.06 13.21 -72.20	230.85 12.23 -54.83
GREENBSH_115KV_TB3 55895	242.03 4.40 0.00	215.90 4.39 0.00	182.35 4.46 0.00	203.35 4.02 0.00	192.76 4.62 0.00	221.73 4.80 0.00	268.48 4.52 0.00	385.30 5.45 0.00	346.48 5.61 0.00	232.75 6.71 0.00	181.81 4.92 0.00	175.88 5.04 0.00	183.99 4.29 0.00	163.73 4.39 0.00	158.74 4.03 0.00	176.44 4.04 0.00	180.77 3.74 0.00	196.58 3.70 0.00	182.82 3.67 0.00	178.05 4.41 0.00	172.51 5.59 0.00	158.17 5.43 0.00	169.58 5.93 0.00	169.06 5.28 0.00
GREENDGE_115KV_TB5 80291	235.88 -1.75 0.00	207.29 -4.23 0.00	174.15 -3.74 0.00	195.91 -3.42 0.00	186.05 -2.10 0.00	216.72 -0.21 0.00	262.67 -1.29 0.00	378.13 -1.72 0.00	340.50 -0.36 0.00	221.87 -4.17 0.00	172.15 -4.75 0.00	164.58 -6.27 0.00	173.32 -6.37 0.00	154.24 -5.10 0.00	151.56 -3.14 0.00	169.85 -2.55 0.00	172.70 -4.32 0.00	187.65 -5.23 0.00	180.28 -5.04 -6.17	183.63 -5.77 -15.76	201.83 -5.76 -40.67	183.31 -5.49 -36.06	180.12 -5.85 -22.32	158.50 -6.02 -0.73
GREENIDGE___3 23582	235.88 -1.75 0.00	207.29 -4.23 0.00	174.15 -3.74 0.00	195.91 -3.42 0.00	186.05 -2.10 0.00	216.72 -0.21 0.00	262.67 -1.29 0.00	378.13 -1.72 0.00	340.50 -0.36 0.00	221.87 -4.17 0.00	172.15 -4.75 0.00	164.58 -6.27 0.00	173.32 -6.37 0.00	154.24 -5.10 0.00	151.56 -3.14 0.00	169.85 -2.55 0.00	172.70 -4.32 0.00	187.65 -5.23 0.00	180.28 -5.04 -6.17	183.63 -5.77 -15.76	201.83 -5.76 -40.67	183.31 -5.49 -36.06	180.12 -5.85 -22.32	158.50 -6.02 -0.73
GREENIDGE___4 23583	235.81 -1.82 0.00	207.28 -4.24 0.00	174.15 -3.74 0.00	195.91 -3.42 0.00	186.06 -2.08 0.00	216.74 -0.19 0.00	262.70 -1.26 0.00	378.10 -1.75 0.00	340.53 -0.34 0.00	221.85 -4.19 0.00	172.16 -4.73 0.00	164.59 -6.26 0.00	173.31 -6.39 0.00	154.24 -5.10 0.00	151.56 -3.15 0.00	169.84 -2.56 0.00	172.71 -4.32 0.00	187.80 -5.08 0.00	180.32 -5.00 -6.17	183.66 -5.74 -15.76	201.93 -5.66 -40.67	183.36 -5.43 -36.06	180.13 -5.83 -22.32	158.48 -6.03 -0.73
GREENLWN_69_KV_BK 3 55738	241.02 9.93 6.53	220.26 10.01 1.27	186.70 8.82 0.00	206.44 7.11 0.00	197.23 9.15 0.06	224.31 7.38 0.00	249.82 7.51 21.64	296.98 9.89 92.77	330.22 12.16 22.81	243.58 14.43 -3.12	289.57 13.97 -98.71	187.84 14.23 -2.77	193.07 12.77 -0.60	174.35 13.23 -1.78	169.85 13.39 -1.75	187.41 13.79 -1.22	191.80 13.54 -1.23	229.98 14.29 -22.82	199.40 13.93 -6.32	191.44 14.10 -3.69	181.16 13.79 -0.44	166.02 13.29 0.00	174.38 10.73 0.00	173.65 9.76 -0.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	541.24 17.61 -297.59	653.14 15.55 -460.70	437.36 15.96 -250.55	343.11 14.43 -148.98	341.28 14.54 -167.40	301.20 14.76 -131.74	257.93 14.76 -70.77	273.39 15.01 -81.35	277.73 15.30 -69.56	453.92 15.15 -259.62	520.75 15.03 -332.08	1008.57 15.40 -826.26	1305.67 14.52 -1138.41	249.06 13.21 -72.20	230.85 12.23 -54.83
GRISSOM___SOLAR 323813	253.58 15.95 0.00	225.42 13.90 0.00	189.74 11.86 0.00	212.40 13.07 0.00	201.16 13.02 0.00	232.80 15.87 0.00	284.27 20.31 0.00	410.09 30.24 0.00	365.77 24.90 0.00	239.95 13.92 0.00	186.58 9.69 0.00	179.36 8.52 0.00	188.09 8.39 0.00	167.24 7.89 0.00	162.92 8.22 0.00	183.21 10.81 0.00	189.36 12.34 0.00	207.25 14.37 0.00	192.55 13.40 0.00	186.26 12.62 0.00	178.81 11.89 0.00	163.59 10.86 0.00	174.48 10.83 0.00	174.37 10.59 0.00
GROVEVILLE___HYD 323602	250.10 12.47 0.00	222.50 10.98 0.00	188.07 10.18 0.00	209.03 9.70 0.00	198.72 10.58 0.00	228.59 11.66 0.00	277.91 13.94 0.00	400.15 20.30 0.00	360.75 19.88 0.00	242.65 16.61 0.00	191.06 14.17 0.00	185.02 14.17 0.00	192.79 13.09 0.00	172.15 12.81 0.00	167.71 13.01 0.00	185.80 13.40 0.00	190.25 13.22 0.00	206.94 14.06 0.00	192.94 13.79 0.00	187.37 13.73 0.00	180.90 13.97 0.00	165.84 13.10 0.00	175.89 12.24 0.00	175.12 11.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	235.06 -2.58 0.00	208.66 -2.86 0.00	175.94 -1.94 0.00	197.21 -2.13 0.00	186.75 -1.39 0.00	216.08 -0.86 0.00	262.58 -1.38 0.00	378.65 -1.20 0.00	340.60 -0.27 0.00	224.98 -1.05 0.00	175.65 -1.24 0.00	169.29 -1.56 0.00	177.83 -1.87 0.00	157.91 -1.44 0.00	153.92 -0.79 0.00	171.37 -1.04 0.00	175.15 -1.87 0.00	190.61 -2.27 0.00	177.08 -2.07 0.00	171.41 -2.23 0.00	164.81 -2.11 0.00	150.80 -1.93 0.00	161.39 -2.26 0.00	161.38 -2.40 0.00

HAMLTNNY_34_KV_TB 80303	235.23 -2.40 0.00	208.87 -2.65 0.00	176.16 -1.73 0.00	197.50 -1.83 0.00	187.19 -0.95 0.00	216.69 -0.24 0.00	263.04 -0.92 0.00	379.25 -0.60 0.00	341.35 0.48 0.00	225.34 -0.70 0.00	175.75 -1.14 0.00	169.34 -1.50 0.00	177.88 -1.82 0.00	157.96 -1.38 0.00	153.98 -0.72 0.00	171.52 -0.88 0.00	175.07 -1.96 0.00	190.59 -2.28 0.00	177.05 -2.09 0.00	171.31 -2.33 0.00	164.75 -2.17 0.00	150.71 -2.03 0.00	161.36 -2.28 0.00	161.38 -2.40 0.00
HAMPSHIRE___PAPER_HYD 323593	245.82 8.19 0.00	219.38 7.87 0.00	183.73 5.84 0.00	206.42 7.09 0.00	193.52 5.38 0.00	222.76 5.83 0.00	270.66 6.70 0.00	389.25 9.40 0.00	347.84 6.97 0.00	228.06 2.02 0.00	178.56 1.67 0.00	171.70 0.85 0.00	181.04 1.34 0.00	159.95 0.60 0.00	155.57 0.87 0.00	174.10 1.70 0.00	179.09 2.06 0.00	195.67 2.80 0.00	181.31 2.16 0.00	174.22 0.58 0.00	166.27 -0.65 0.00	152.14 -0.60 0.00	163.30 -0.35 0.00	164.68 0.90 0.00
HARDSCRABBLE_WT_PWR 323673	242.78 5.15 0.00	215.68 4.16 0.00	181.71 3.82 0.00	202.64 3.31 0.00	192.79 4.64 0.00	223.03 6.10 0.00	271.37 7.40 0.00	390.24 10.39 0.00	350.45 9.58 0.00	233.21 7.17 0.00	182.08 5.19 0.00	175.65 4.81 0.00	183.36 3.66 0.00	165.07 5.73 0.00	164.36 9.65 0.00	182.24 9.84 0.00	185.23 8.21 0.00	199.82 6.94 0.00	185.87 6.72 0.00	180.27 6.63 0.00	173.52 6.60 0.00	159.35 6.61 0.00	170.12 6.47 0.00	169.24 5.46 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	247.35 9.72 0.00	220.22 8.70 0.00	185.98 8.09 0.00	206.62 7.29 0.00	196.48 8.34 0.00	225.71 8.78 0.00	274.19 10.23 0.00	394.94 15.09 0.00	356.24 15.38 0.00	239.86 13.82 0.00	189.02 12.13 0.00	183.23 12.39 0.00	190.61 10.91 0.00	170.27 10.92 0.00	165.89 11.19 0.00	183.66 11.26 0.00	188.22 11.20 0.00	204.64 11.76 0.00	190.84 11.69 0.00	185.23 11.59 0.00	178.88 11.96 0.00	164.13 11.40 0.00	174.04 10.39 0.00	173.36 9.58 0.00
HARSNRAD_115KV_TB1 81005	219.11 -18.52 0.00	192.10 -19.42 0.00	163.04 -14.85 0.00	185.30 -14.04 0.00	175.24 -12.90 0.00	205.20 -11.73 0.00	242.32 -21.64 0.01	345.54 -34.24 0.07	315.87 -24.99 0.00	204.13 -21.83 0.07	159.06 -17.80 0.02	152.19 -18.65 0.00	161.63 -18.07 0.00	143.92 -15.42 0.00	140.78 -13.92 0.00	156.19 -16.20 0.02	71.74 -21.20 84.09	-1465.22 -23.64 1634.45	-775.87 -22.46 932.56	135.10 -22.93 15.61	113.52 -21.21 32.19	104.68 -19.59 28.46	126.53 -19.57 17.54	145.15 -18.08 0.55
HARZA MOOSE___RIVER 24016	246.87 9.24 0.00	220.07 8.55 0.00	185.13 7.25 0.00	207.46 8.12 0.00	196.05 7.91 0.00	226.69 9.76 0.00	276.44 12.48 0.00	397.64 17.79 0.00	356.25 15.39 0.00	234.73 8.69 0.00	183.33 6.44 0.00	176.23 5.39 0.00	184.94 5.24 0.00	163.83 4.49 0.00	160.11 5.40 0.00	179.25 6.85 0.00	183.66 6.63 0.00	200.28 7.41 0.00	185.46 6.32 0.00	178.27 4.63 0.00	170.61 3.69 0.00	155.06 2.32 0.00	165.13 1.48 0.00	165.71 1.93 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	233.10 -4.53 0.00	206.90 -4.62 0.00	174.44 -3.44 0.00	195.51 -3.82 0.00	185.18 -2.96 0.00	214.16 -2.77 0.00	260.21 -3.75 0.00	375.01 -4.84 0.00	337.48 -3.39 0.00	223.04 -3.00 0.00	174.29 -2.60 0.00	167.87 -2.98 0.00	176.44 -3.26 0.00	156.74 -2.60 0.00	152.81 -1.89 0.00	170.05 -2.35 0.00	173.74 -3.29 0.00	189.04 -3.84 0.00	175.53 -3.62 0.00	169.92 -3.72 0.00	163.50 -3.42 0.00	149.58 -3.15 0.00	160.09 -3.56 0.00	160.07 -3.71 0.00
HELLGATE_13_KV_LD 55870	248.34 10.71 0.00	221.49 9.97 0.00	187.79 9.90 0.00	207.93 8.60 0.00	198.08 9.93 0.00	227.06 10.13 0.00	275.31 11.35 0.00	396.23 16.38 0.00	357.41 16.54 0.00	242.08 16.04 0.00	191.80 14.57 -0.34	190.23 15.02 -4.37	195.19 13.41 -2.08	180.16 13.67 -7.14	176.00 13.87 -7.43	186.25 13.85 0.00	191.01 13.98 0.00	207.02 14.14 0.00	195.00 14.07 -1.78	187.70 14.06 0.00	183.82 14.40 -2.49	172.58 13.74 -6.11	176.02 12.36 -0.01	175.20 11.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	248.34 10.71 0.00	221.49 9.97 0.00	187.79 9.90 0.00	207.93 8.60 0.00	198.08 9.93 0.00	227.06 10.13 0.00	275.31 11.35 0.00	396.23 16.38 0.00	357.41 16.54 0.00	242.08 16.04 0.00	191.80 14.57 -0.34	190.23 15.02 -4.37	195.19 13.41 -2.08	180.16 13.67 -7.14	176.00 13.87 -7.43	186.25 13.85 0.00	191.01 13.98 0.00	207.02 14.14 0.00	195.00 14.07 -1.78	187.70 14.06 0.00	183.82 14.40 -2.49	172.58 13.74 -6.11	176.02 12.36 -0.01	175.20 11.41 0.00
HEMPSTEAD____ 23647	267.48 12.03 -17.82	230.85 11.42 -7.92	187.97 10.07 0.00	208.10 8.76 -0.01	198.90 10.54 -0.21	226.33 9.40 0.00	274.15 9.86 -0.33	346.90 12.92 45.88	343.28 14.93 12.52	251.43 16.28 -9.11	375.17 15.81 -182.47	189.35 15.74 -2.77	196.71 14.45 -2.56	181.40 14.56 -7.49	176.80 14.62 -7.48	192.72 15.16 -5.17	197.27 15.00 -5.25	231.50 15.55 -23.07	203.01 15.06 -8.80	195.88 15.26 -6.97	183.81 15.01 -1.88	166.90 14.17 0.00	175.91 12.26 0.00	175.29 11.06 -0.45
HEWLETT_69_KV_BK3 55828	354.93 14.08 -103.22	265.00 13.35 -40.13	189.53 11.62 -0.02	209.90 10.51 -0.06	201.61 12.44 -1.02	228.57 11.62 -0.01	329.06 12.36 -52.74	399.27 15.63 -3.79	353.93 16.54 3.48	273.99 17.82 -30.12	669.25 16.15 -476.21	190.14 16.53 -2.77	203.25 15.29 -8.26	199.42 15.25 -24.83	194.14 15.30 -24.13	205.16 15.95 -16.81	209.86 15.89 -16.94	233.42 16.75 -23.80	211.36 16.19 -16.02	206.40 16.23 -16.53	189.08 16.10 -6.07	167.96 15.21 0.00	176.90 13.26 0.00	177.58 12.33 -1.47
HICKLING___1 23621	236.60 -1.03 0.00	208.01 -3.51 0.00	175.38 -2.50 0.00	197.77 -1.56 0.00	187.85 -0.29 0.00	218.68 1.75 0.00	264.43 0.47 0.00	379.35 -0.50 0.00	342.06 1.19 0.00	223.70 -2.34 0.00	174.79 -2.10 0.00	166.99 -3.85 0.00	176.37 -3.33 0.00	157.23 -2.11 0.00	154.06 -0.64 0.00	172.19 -0.21 0.00	174.22 -2.81 0.00	188.57 -4.31 0.00	177.04 -4.01 -1.90	173.88 -4.62 -4.86	174.89 -4.58 -12.55	159.89 -3.97 -11.12	166.77 -3.76 -6.89	159.91 -4.10 -0.23
HICKLING___2 23622	236.60 -1.03 0.00	208.01 -3.51 0.00	175.38 -2.50 0.00	197.77 -1.56 0.00	187.85 -0.29 0.00	218.68 1.75 0.00	264.43 0.47 0.00	379.35 -0.50 0.00	342.06 1.19 0.00	223.70 -2.34 0.00	174.79 -2.10 0.00	166.99 -3.85 0.00	176.37 -3.33 0.00	157.23 -2.11 0.00	154.06 -0.64 0.00	172.19 -0.21 0.00	174.22 -2.81 0.00	188.57 -4.31 0.00	177.04 -4.01 -1.90	173.88 -4.62 -4.86	174.89 -4.58 -12.55	159.89 -3.97 -11.12	166.77 -3.76 -6.89	159.91 -4.10 -0.23
HIGH FALLS___HY 23754	251.21 13.58 0.00	223.45 11.93 0.00	188.71 10.82 0.00	209.81 10.48 0.00	199.48 11.33 0.00	229.59 12.66 0.00	279.46 15.50 0.00	402.88 23.03 0.00	363.57 22.70 0.00	244.25 18.21 0.00	192.45 15.57 0.00	186.25 15.41 0.00	193.92 14.21 0.00	173.19 13.84 0.00	168.82 14.12 0.00	186.93 14.53 0.00	191.27 14.24 0.00	208.17 15.30 0.00	194.37 15.22 0.00	188.57 14.93 0.00	181.85 14.93 0.00	166.68 13.94 0.00	176.52 12.87 0.00	175.72 11.94 0.00
HIGH_RIVER___SOLAR 323847	247.77 10.14 0.00	220.27 8.76 0.00	185.65 7.76 0.00	207.51 8.17 0.00	196.58 8.43 0.00	226.99 10.06 0.00	276.47 12.51 0.00	398.06 18.21 0.00	356.09 15.22 0.00	235.39 9.35 0.00	183.53 6.64 0.00	176.44 5.59 0.00	184.71 5.01 0.00	164.25 4.91 0.00	160.15 5.44 0.00	179.58 7.18 0.00	185.35 8.32 0.00	202.36 9.48 0.00	188.09 8.94 0.00	182.31 8.66 0.00	175.44 8.52 0.00	160.58 7.84 0.00	171.42 7.78 0.00	171.17 7.39 0.00

HILLBURN___GT 23639	246.01 8.38 0.00	219.18 7.66 0.00	185.14 7.25 0.00	205.44 6.11 0.00	195.39 7.25 0.00	224.28 7.35 0.00	272.11 8.14 0.00	392.21 12.36 0.00	353.86 12.99 0.00	238.65 12.61 0.00	188.23 11.34 0.00	182.58 11.74 0.00	189.73 10.03 0.00	169.50 10.16 0.00	165.23 10.53 0.00	182.80 10.40 0.00	187.41 10.38 0.00	203.52 10.65 0.00	189.83 10.68 0.00	184.36 10.72 0.00	178.03 11.11 0.00	163.47 10.73 0.00	173.27 9.62 0.00	172.68 8.90 0.00
HILLSIDE_115KV_TB1 80332	234.10 -3.53 0.00	205.80 -5.71 0.00	173.18 -4.71 0.00	194.78 -4.55 0.00	184.98 -3.16 0.00	214.99 -1.94 0.00	260.23 -3.73 0.00	373.18 -6.67 0.00	336.43 -4.43 0.00	221.15 -4.89 0.00	173.31 -3.59 0.00	165.78 -5.06 0.00	175.04 -4.66 0.00	156.06 -3.28 0.00	152.62 -2.09 0.00	170.20 -2.20 0.00	172.27 -4.76 0.00	186.53 -6.35 0.00	175.27 -5.56 -1.68	172.17 -5.77 -4.29	172.24 -5.76 -11.08	157.73 -4.84 -9.83	165.34 -4.39 -6.09	159.18 -4.80 -0.20
HISHELDN_WT_PWR 323625	225.23 -12.40 0.00	197.80 -13.72 0.00	168.01 -9.88 0.00	190.67 -8.67 0.00	180.63 -7.51 0.00	211.18 -5.75 0.00	251.35 -12.61 0.00	359.26 -20.59 0.00	326.54 -14.32 0.00	210.92 -15.12 0.00	164.13 -12.76 0.00	156.73 -14.11 0.00	166.13 -13.57 0.00	148.34 -11.01 0.00	145.75 -8.95 0.00	162.32 -10.08 0.00	162.65 -14.38 0.00	176.39 -16.49 0.00	151.00 -16.48 11.67	126.10 -17.74 29.80	73.84 -16.16 76.92	68.90 -15.52 68.32	105.22 -16.12 42.31	146.99 -15.40 1.39
HOLTSVILLE_IC_1 23690	238.62 8.76 7.77	219.10 9.32 1.74	186.63 8.74 0.00	205.94 6.61 0.00	196.71 8.65 0.08	222.95 6.02 0.00	246.56 5.34 22.74	291.47 6.84 95.23	327.23 9.71 23.35	242.82 13.97 -2.81	285.15 13.78 -94.48	188.10 14.49 -2.77	193.38 13.18 -0.50	174.61 13.78 -1.49	170.09 13.92 -1.47	187.97 14.55 -1.02	192.19 14.13 -1.03	230.82 15.14 -22.81	199.62 14.28 -6.20	192.03 14.86 -3.53	181.43 14.14 -0.37	166.22 13.49 0.00	174.11 10.46 0.00	173.45 9.58 -0.09
HOLTSVILLE_IC_10 23699	240.01 9.66 7.27	220.10 10.13 1.55	187.59 9.70 0.00	206.89 7.56 0.00	197.64 9.57 0.07	224.00 7.07 0.00	247.81 6.18 22.32	293.56 8.12 94.41	329.60 11.90 23.17	244.41 15.44 -2.94	287.97 14.90 -96.18	189.09 15.48 -2.77	194.64 14.39 -0.54	175.89 14.95 -1.61	171.31 15.02 -1.58	189.31 15.81 -1.10	193.58 15.44 -1.11	232.45 16.76 -22.81	200.97 15.58 -6.24	193.49 16.26 -3.59	182.67 15.36 -0.40	167.23 14.49 0.00	174.95 11.30 0.00	174.25 10.37 -0.10
HOLTSVILLE_IC_2 23691	238.62 8.76 7.77	219.10 9.32 1.74	186.63 8.74 0.00	205.94 6.61 0.00	196.71 8.65 0.08	222.95 6.02 0.00	246.56 5.34 22.74	291.47 6.84 95.23	327.23 9.71 23.35	242.82 13.97 -2.81	285.15 13.78 -94.48	188.10 14.49 -2.77	193.38 13.18 -0.50	174.61 13.78 -1.49	170.09 13.92 -1.47	187.97 14.55 -1.02	192.19 14.13 -1.03	230.82 15.14 -22.81	199.62 14.28 -6.20	192.03 14.86 -3.53	181.43 14.14 -0.37	166.22 13.49 0.00	174.11 10.46 0.00	173.45 9.58 -0.09
HOLTSVILLE_IC_3 23692	238.62 8.76 7.77	219.10 9.32 1.74	186.63 8.74 0.00	205.94 6.61 0.00	196.71 8.65 0.08	222.95 6.02 0.00	246.56 5.34 22.74	291.47 6.84 95.23	327.23 9.71 23.35	242.82 13.97 -2.81	285.15 13.78 -94.48	188.10 14.49 -2.77	193.38 13.18 -0.50	174.61 13.78 -1.49	170.09 13.92 -1.47	187.97 14.55 -1.02	192.19 14.13 -1.03	230.82 15.14 -22.81	199.62 14.28 -6.20	192.03 14.86 -3.53	181.43 14.14 -0.37	166.22 13.49 0.00	174.11 10.46 0.00	173.45 9.58 -0.09
HOLTSVILLE_IC_4 23693	238.62 8.76 7.77	219.10 9.32 1.74	186.63 8.74 0.00	205.94 6.61 0.00	196.71 8.65 0.08	222.95 6.02 0.00	246.56 5.34 22.74	291.47 6.84 95.23	327.23 9.71 23.35	242.82 13.97 -2.81	285.15 13.78 -94.48	188.10 14.49 -2.77	193.38 13.18 -0.50	174.61 13.78 -1.49	170.09 13.92 -1.47	187.97 14.55 -1.02	192.19 14.13 -1.03	230.82 15.14 -22.81	199.62 14.28 -6.20	192.03 14.86 -3.53	181.43 14.14 -0.37	166.22 13.49 0.00	174.11 10.46 0.00	173.45 9.58 -0.09
HOLTSVILLE_IC_5 23694	238.62 8.76 7.77	219.10 9.32 1.74	186.63 8.74 0.00	205.94 6.61 0.00	196.71 8.65 0.08	222.95 6.02 0.00	246.56 5.34 22.74	291.47 6.84 95.23	327.23 9.71 23.35	242.82 13.97 -2.81	285.15 13.78 -94.48	188.10 14.49 -2.77	193.38 13.18 -0.50	174.61 13.78 -1.49	170.09 13.92 -1.47	187.97 14.55 -1.02	192.19 14.13 -1.03	230.82 15.14 -22.81	199.62 14.28 -6.20	192.03 14.86 -3.53	181.43 14.14 -0.37	166.22 13.49 0.00	174.11 10.46 0.00	173.45 9.58 -0.09
HOLTSVILLE_IC_6 23695	240.01 9.66 7.27	220.10 10.13 1.55	187.59 9.70 0.00	206.89 7.56 0.00	197.64 9.57 0.07	224.00 7.07 0.00	247.81 6.18 22.32	293.56 8.12 94.41	329.60 11.90 23.17	244.41 15.44 -2.94	287.97 14.90 -96.18	189.09 15.48 -2.77	194.64 14.39 -0.54	175.89 14.95 -1.61	171.31 15.02 -1.58	189.31 15.81 -1.10	193.58 15.44 -1.11	232.45 16.76 -22.81	200.97 15.58 -6.24	193.49 16.26 -3.59	182.67 15.36 -0.40	167.23 14.49 0.00	174.95 11.30 0.00	174.25 10.37 -0.10
HOLTSVILLE_IC_7 23696	240.01 9.66 7.27	220.10 10.13 1.55	187.59 9.70 0.00	206.89 7.56 0.00	197.64 9.57 0.07	224.00 7.07 0.00	247.81 6.18 22.32	293.56 8.12 94.41	329.60 11.90 23.17	244.41 15.44 -2.94	287.97 14.90 -96.18	189.09 15.48 -2.77	194.64 14.39 -0.54	175.89 14.95 -1.61	171.31 15.02 -1.58	189.31 15.81 -1.10	193.58 15.44 -1.11	232.45 16.76 -22.81	200.97 15.58 -6.24	193.49 16.26 -3.59	182.67 15.36 -0.40	167.23 14.49 0.00	174.95 11.30 0.00	174.25 10.37 -0.10
HOLTSVILLE_IC_8 23697	240.01 9.66 7.27	220.10 10.13 1.55	187.59 9.70 0.00	206.89 7.56 0.00	197.64 9.57 0.07	224.00 7.07 0.00	247.81 6.18 22.32	293.56 8.12 94.41	329.60 11.90 23.17	244.41 15.44 -2.94	287.97 14.90 -96.18	189.09 15.48 -2.77	194.64 14.39 -0.54	175.89 14.95 -1.61	171.31 15.02 -1.58	189.31 15.81 -1.10	193.58 15.44 -1.11	232.45 16.76 -22.81	200.97 15.58 -6.24	193.49 16.26 -3.59	182.67 15.36 -0.40	167.23 14.49 0.00	174.95 11.30 0.00	174.25 10.37 -0.10
HOLTSVILLE_IC_9 23698	240.01 9.66 7.27	220.10 10.13 1.55	187.59 9.70 0.00	206.89 7.56 0.00	197.64 9.57 0.07	224.00 7.07 0.00	247.81 6.18 22.32	293.56 8.12 94.41	329.60 11.90 23.17	244.41 15.44 -2.94	287.97 14.90 -96.18	189.09 15.48 -2.77	194.64 14.39 -0.54	175.89 14.95 -1.61	171.31 15.02 -1.58	189.31 15.81 -1.10	193.58 15.44 -1.11	232.45 16.76 -22.81	200.97 15.58 -6.24	193.49 16.26 -3.59	182.67 15.36 -0.40	167.23 14.49 0.00	174.95 11.30 0.00	174.25 10.37 -0.10
HOMER_HL_115KV_TB2 355744	234.61 -3.02 0.00	205.05 -6.46 0.00	172.86 -5.02 0.00	194.38 -4.95 0.00	184.12 -4.02 0.00	214.83 -2.11 0.00	256.06 -7.90 0.00	366.36 -13.49 0.00	333.15 -7.72 0.00	217.63 -8.41 0.00	171.02 -5.87 0.00	164.09 -6.75 0.00	173.52 -6.19 0.00	155.69 -3.65 0.00	151.98 -2.72 0.00	168.66 -3.74 0.00	168.29 -8.73 0.00	181.11 -11.77 0.00	167.36 -10.79 1.00	160.50 -10.60 2.54	150.60 -9.75 6.56	137.72 -9.18 5.84	152.24 -7.78 3.62	155.99 -7.67 0.12
HOWARD_WT_PWR 323690	231.86 -5.77 0.00	203.17 -8.35 0.00	173.90 -3.99 0.00	198.38 -0.95 0.00	189.19 1.04 0.00	221.18 4.24 0.00	265.93 1.96 0.00	381.77 1.92 0.00	344.07 3.20 0.00	222.08 -3.96 0.00	172.48 -4.41 0.00	164.05 -6.79 0.00	172.67 -7.03 0.00	154.18 -5.16 0.00	152.35 -2.35 0.00	171.14 -1.26 0.00	172.50 -4.53 0.00	185.91 -6.96 0.00	183.81 -8.44 -13.09	195.55 -11.54 -33.44	242.70 -10.55 -86.33	219.11 -10.24 -76.61	199.69 -11.39 -47.43	153.51 -11.82 -1.55

HQ_GEN_CEDARS 23644	244.20 6.57 0.00	217.78 6.26 0.00	181.69 3.80 0.00	204.53 5.20 0.00	191.22 3.08 0.00	220.49 3.56 0.00	268.45 4.49 0.00	386.04 6.19 0.00	344.60 3.73 0.00	225.94 -0.10 0.00	176.44 -0.45 0.00	170.22 -0.62 0.00	180.51 0.81 0.00	159.43 0.09 0.00	154.20 -0.50 0.00	172.61 0.20 0.00	178.06 1.04 0.00	194.68 1.80 0.00	180.60 1.45 0.00	174.51 0.87 0.00	166.91 -0.01 0.00	153.08 0.34 0.00	165.05 1.40 0.00	166.19 2.41 0.00
HQ_GEN_CEDARS_PROXY 323590	244.19 6.56 0.00	217.80 6.28 0.00	181.68 3.80 0.00	204.53 5.20 0.00	191.22 3.07 0.00	215.10 3.56 5.39	268.47 4.51 0.00	386.03 6.18 0.00	344.61 3.74 0.00	225.94 -0.10 0.00	176.45 -0.44 0.00	170.23 -0.62 0.00	180.51 0.81 0.00	159.43 0.09 0.00	151.53 -0.50 2.68	169.56 0.20 3.04	171.85 1.06 6.23	194.67 1.79 0.00	180.60 1.45 0.00	174.51 0.87 0.00	166.91 -0.01 0.00	153.07 0.33 0.00	165.87 1.40 -0.82	166.19 2.41 0.00
HQ_GEN_IMPORT 323601	239.08 1.45 0.00	213.17 1.66 0.00	178.25 0.36 0.00	200.64 1.30 0.00	188.05 -0.09 0.00	216.78 -0.15 0.00	264.74 0.77 0.00	380.92 1.07 0.00	334.00 -0.55 6.31	223.97 -2.06 0.00	174.99 -1.90 0.00	170.43 -1.80 -1.39	178.97 -0.73 0.00	157.87 -1.47 0.00	152.61 -2.09 0.00	170.88 -1.52 0.00	176.65 -0.38 0.00	192.97 0.10 0.00	178.84 -0.16 0.15	173.26 -0.38 0.00	165.73 -1.18 0.00	150.30 -1.27 1.17	163.26 -0.68 -0.30	164.12 -0.16 -0.50
HQ_GEN_WHEEL 23651	239.08 1.45 0.00	213.17 1.66 0.00	178.25 0.36 0.00	200.64 1.30 0.00	188.05 -0.09 0.00	216.78 -0.15 0.00	264.74 0.77 0.00	380.92 1.07 0.00	334.00 -0.55 6.31	223.97 -2.06 0.00	174.99 -1.90 0.00	170.43 -1.80 -1.39	178.97 -0.73 0.00	157.87 -1.47 0.00	152.61 -2.09 0.00	170.88 -1.52 0.00	176.65 -0.38 0.00	192.97 0.10 0.00	178.84 -0.16 0.15	173.26 -0.38 0.00	165.73 -1.18 0.00	150.30 -1.27 1.17	163.26 -0.68 -0.30	164.12 -0.16 -0.50
HUDSON AVE_GT_3 23810	248.81 11.18 0.00	221.58 10.06 0.00	187.55 9.66 0.00	207.97 8.63 0.00	197.94 9.79 0.00	227.10 10.17 0.00	275.52 11.56 0.00	396.94 17.09 0.00	358.26 17.40 0.00	242.32 16.28 0.00	191.25 14.36 0.00	185.72 14.88 0.00	193.02 13.32 0.00	172.78 13.43 0.00	168.30 13.60 0.00	186.12 13.72 0.00	190.91 13.88 0.00	206.92 14.04 0.00	193.06 13.91 0.00	187.50 13.86 0.00	181.09 14.17 0.00	166.26 13.53 0.00	175.71 12.06 0.00	174.90 11.11 0.00
HUDSON AVE_GT_4 23540	248.81 11.18 0.00	221.58 10.06 0.00	187.55 9.66 0.00	207.97 8.63 0.00	197.94 9.79 0.00	227.10 10.17 0.00	275.52 11.56 0.00	396.94 17.09 0.00	358.26 17.40 0.00	242.32 16.28 0.00	191.25 14.36 0.00	185.72 14.88 0.00	193.02 13.32 0.00	172.78 13.43 0.00	168.30 13.60 0.00	186.12 13.72 0.00	190.91 13.88 0.00	206.92 14.04 0.00	193.06 13.91 0.00	187.50 13.86 0.00	181.09 14.17 0.00	166.26 13.53 0.00	175.71 12.06 0.00	174.90 11.11 0.00
HUDSON AVE_GT_5 23657	248.81 11.18 0.00	221.58 10.06 0.00	187.55 9.66 0.00	207.97 8.63 0.00	197.94 9.79 0.00	227.10 10.17 0.00	275.52 11.56 0.00	396.94 17.09 0.00	358.26 17.40 0.00	242.32 16.28 0.00	191.25 14.36 0.00	185.72 14.88 0.00	193.02 13.32 0.00	172.78 13.43 0.00	168.30 13.60 0.00	186.12 13.72 0.00	190.91 13.88 0.00	206.92 14.04 0.00	193.06 13.91 0.00	187.50 13.86 0.00	181.09 14.17 0.00	166.26 13.53 0.00	175.71 12.06 0.00	174.90 11.11 0.00
HUDSON_AVE_10 24168	247.98 10.35 0.00	220.82 9.30 0.00	186.99 9.10 0.00	207.25 7.92 0.00	197.31 9.17 0.00	226.43 9.50 0.00	275.38 10.75 -0.66	396.10 16.24 0.00	357.75 16.88 0.00	241.92 15.88 0.00	190.54 13.65 0.00	185.70 14.65 -0.21	192.55 12.84 0.00	172.35 13.01 0.00	167.86 13.16 0.00	185.59 13.19 0.00	190.35 13.32 0.00	206.31 13.43 0.00	192.61 13.46 0.00	187.05 13.41 0.00	180.66 13.74 0.00	165.89 13.15 0.00	175.19 11.55 0.00	174.30 10.52 0.00
HUDSON___115KV_TB 4 355613	249.75 12.12 0.00	222.51 11.00 0.00	187.89 10.00 0.00	209.75 10.41 0.00	199.02 10.88 0.00	229.57 12.64 0.00	278.77 14.81 0.00	400.69 20.84 0.00	360.30 19.43 0.00	240.67 14.63 0.00	187.35 10.46 0.00	180.74 9.90 0.00	189.10 9.40 0.00	168.07 8.73 0.00	163.01 8.30 0.00	181.70 9.30 0.00	186.64 9.61 0.00	203.60 10.72 0.00	189.34 10.19 0.00	184.06 10.42 0.00	178.12 11.20 0.00	162.95 10.21 0.00	174.41 10.76 0.00	173.77 9.99 0.00
HUNTER MOUNT___DRP 323613	251.66 14.03 0.00	224.15 12.64 0.00	189.20 11.31 0.00	211.36 12.03 0.00	200.53 12.38 0.00	231.51 14.58 0.00	281.27 17.30 0.00	404.52 24.66 0.00	363.86 22.99 0.00	242.68 16.65 0.00	188.63 11.74 0.00	181.90 11.06 0.00	190.42 10.72 0.00	169.10 9.76 0.00	163.93 9.23 0.00	182.82 10.42 0.00	187.85 10.82 0.00	205.11 12.23 0.00	190.77 11.62 0.00	185.33 11.69 0.00	179.28 12.35 0.00	163.82 11.09 0.00	175.42 11.77 0.00	174.75 10.97 0.00
HUNTINGTON_RES_REC 323705	239.49 9.14 7.27	219.33 9.36 1.55	186.41 8.52 0.00	205.84 6.51 0.00	196.59 8.52 0.07	223.17 6.24 0.00	247.65 5.97 22.28	293.57 7.86 94.15	328.70 10.94 23.11	243.15 14.18 -2.94	286.88 13.81 -96.18	187.90 14.29 -2.77	193.11 12.87 -0.54	174.45 13.50 -1.61	169.89 13.61 -1.58	187.66 14.16 -1.10	191.93 13.79 -1.11	230.57 14.88 -22.81	199.67 14.28 -6.24	191.86 14.62 -3.59	181.34 14.02 -0.40	166.13 13.39 0.00	174.11 10.46 0.00	173.29 9.41 -0.10
HUNTLEY___63 23557	223.20 -14.43 0.00	195.69 -15.82 0.00	165.96 -11.93 0.00	188.55 -10.78 0.00	178.37 -9.77 0.00	208.98 -7.95 0.00	247.15 -16.81 0.00	352.68 -27.18 0.00	322.41 -18.46 0.00	208.49 -17.55 0.00	162.36 -14.53 0.00	155.28 -15.56 0.00	164.89 -14.81 0.00	146.83 -12.51 0.00	143.64 -11.06 0.00	159.38 -13.02 0.00	165.41 -17.95 -6.33	295.88 -20.04 -123.04	226.32 -19.12 -66.30	144.98 -19.85 8.81	125.47 -18.11 23.34	115.13 -16.86 20.75	133.97 -16.82 12.86	147.94 -15.42 0.42
HUNTLEY___64 23558	223.20 -14.43 0.00	195.69 -15.82 0.00	165.96 -11.93 0.00	188.55 -10.78 0.00	178.37 -9.77 0.00	208.98 -7.95 0.00	247.15 -16.81 0.00	352.68 -27.18 0.00	322.41 -18.46 0.00	208.49 -17.55 0.00	162.36 -14.53 0.00	155.28 -15.56 0.00	164.89 -14.81 0.00	146.83 -12.51 0.00	143.64 -11.06 0.00	159.38 -13.02 0.00	165.41 -17.95 -6.33	295.88 -20.04 -123.04	226.32 -19.12 -66.30	144.98 -19.85 8.81	125.47 -18.11 23.34	115.13 -16.86 20.75	133.97 -16.82 12.86	147.94 -15.42 0.42
HUNTLEY___65 23559	223.20 -14.43 0.00	195.69 -15.82 0.00	165.96 -11.93 0.00	188.55 -10.78 0.00	178.37 -9.77 0.00	208.98 -7.95 0.00	247.15 -16.81 0.00	352.68 -27.18 0.00	322.41 -18.46 0.00	208.49 -17.55 0.00	162.36 -14.53 0.00	155.28 -15.56 0.00	164.89 -14.81 0.00	146.83 -12.51 0.00	143.64 -11.06 0.00	159.38 -13.02 0.00	165.41 -17.95 -6.33	295.88 -20.04 -123.04	226.32 -19.12 -66.30	144.98 -19.85 8.81	125.47 -18.11 23.34	115.13 -16.86 20.75	133.97 -16.82 12.86	147.94 -15.42 0.42
HUNTLEY___66 23560	223.20 -14.43 0.00	195.69 -15.82 0.00	165.96 -11.93 0.00	188.55 -10.78 0.00	178.37 -9.77 0.00	208.98 -7.95 0.00	247.15 -16.81 0.00	352.68 -27.18 0.00	322.41 -18.46 0.00	208.49 -17.55 0.00	162.36 -14.53 0.00	155.28 -15.56 0.00	164.89 -14.81 0.00	146.83 -12.51 0.00	143.64 -11.06 0.00	159.38 -13.02 0.00	165.41 -17.95 -6.33	295.88 -20.04 -123.04	226.32 -19.12 -66.30	144.98 -19.85 8.81	125.47 -18.11 23.34	115.13 -16.86 20.75	133.97 -16.82 12.86	147.94 -15.42 0.42



HUNTLEY___67 23561	222.26 -15.37 0.00	194.84 -16.67 0.00	165.34 -12.55 0.00	187.81 -11.53 0.00	177.65 -10.49 0.00	208.04 -8.89 0.00	246.26 -17.70 0.00	351.37 -28.48 0.00	320.80 -20.07 0.00	207.50 -18.53 0.00	161.54 -15.35 0.00	154.46 -16.38 0.00	164.04 -15.66 0.00	146.16 -13.18 0.00	142.96 -11.75 0.00	158.71 -13.69 0.00	156.69 -18.35 1.98	133.57 -20.74 38.58	132.97 -19.98 26.19	141.99 -20.59 11.06	119.48 -19.08 28.36	109.74 -17.80 25.20	130.25 -17.79 15.60	147.18 -16.08 0.51
HUNTLEY___68 23562	222.26 -15.37 0.00	194.84 -16.67 0.00	165.34 -12.55 0.00	187.81 -11.53 0.00	177.65 -10.49 0.00	208.04 -8.89 0.00	246.26 -17.70 0.00	351.37 -28.48 0.00	320.80 -20.07 0.00	207.50 -18.53 0.00	161.54 -15.35 0.00	154.46 -16.38 0.00	164.04 -15.66 0.00	146.16 -13.18 0.00	142.96 -11.75 0.00	158.71 -13.69 0.00	156.69 -18.35 1.98	133.57 -20.74 38.58	132.97 -19.98 26.19	141.99 -20.59 11.06	119.48 -19.08 28.36	109.74 -17.80 25.20	130.25 -17.79 15.60	147.18 -16.08 0.51
HYLAND___LFGE 323620	245.19 7.56 0.00	215.14 3.63 0.00	182.46 4.58 0.00	206.66 7.33 0.00	196.13 7.99 0.00	222.38 5.45 0.00	256.03 -7.93 0.00	370.63 -9.22 0.00	333.85 -7.02 0.00	214.46 -11.58 0.00	167.67 -9.22 0.00	158.75 -12.09 0.00	166.06 -13.64 0.00	148.57 -10.77 0.00	148.79 -5.91 0.00	167.02 -5.38 0.00	170.10 -6.93 0.00	186.72 -6.16 0.00	187.07 -6.70 -14.62	202.69 -8.31 -37.35	268.23 4.90 -96.41	239.21 0.89 -85.58	216.64 0.01 -52.99	165.41 -0.11 -1.74
INDECK___CORINTH 23802	252.50 14.87 0.00	224.08 12.56 0.00	189.13 11.24 0.00	211.17 11.84 0.00	200.34 12.19 0.00	231.49 14.56 0.00	282.73 18.77 0.00	407.11 27.26 0.00	365.25 24.38 0.00	242.84 16.80 0.00	189.59 12.70 0.00	182.85 12.01 0.00	191.27 11.57 0.00	169.00 9.66 0.00	164.86 10.16 0.00	184.12 11.71 0.00	191.30 14.27 0.00	208.65 15.77 0.00	194.10 14.96 0.00	188.24 14.60 0.00	181.64 14.72 0.00	165.92 13.18 0.00	176.71 13.06 0.00	175.86 12.08 0.00
INDECK___ILION 23567	240.92 3.29 0.00	214.18 2.66 0.00	180.53 2.64 0.00	201.71 2.38 0.00	191.25 3.11 0.00	220.79 3.86 0.00	268.58 4.62 0.00	386.31 6.46 0.00	346.88 6.01 0.00	230.73 4.70 0.00	180.36 3.47 0.00	174.07 3.23 0.00	182.19 2.49 0.00	162.56 3.22 0.00	159.29 4.59 0.00	177.11 4.71 0.00	181.30 4.27 0.00	197.09 4.21 0.00	183.34 4.19 0.00	177.87 4.23 0.00	171.34 4.42 0.00	157.01 4.27 0.00	167.77 4.12 0.00	167.24 3.46 0.00
INDECK___OLEAN 23982	234.48 -3.15 0.00	205.03 -6.48 0.00	172.87 -5.02 0.00	194.38 -4.95 0.00	184.10 -4.04 0.00	214.83 -2.11 0.00	256.20 -7.76 0.00	366.40 -13.45 0.00	333.11 -7.76 0.00	217.62 -8.41 0.00	171.04 -5.86 0.00	164.08 -6.76 0.00	173.50 -6.20 0.00	155.70 -3.65 0.00	151.99 -2.71 0.00	168.68 -3.72 0.00	168.37 -8.66 0.00	181.65 -11.22 0.00	167.72 -10.44 1.00	160.66 -10.44 2.54	151.29 -9.07 6.56	138.18 -8.72 5.84	152.30 -7.73 3.62	156.00 -7.66 0.12
INDECK___OSWEGO 23783	230.00 -7.63 0.00	204.52 -7.00 0.00	172.50 -5.39 0.00	193.29 -6.05 0.00	182.94 -5.20 0.00	211.30 -5.63 0.00	257.10 -6.86 0.00	371.52 -8.33 0.00	334.14 -6.73 0.00	221.03 -5.01 0.00	172.78 -4.11 0.00	166.50 -4.34 0.00	174.96 -4.74 0.00	155.09 -4.25 0.00	150.89 -3.81 0.00	167.97 -4.43 0.00	171.69 -5.34 0.00	186.83 -6.05 0.00	173.55 -5.60 0.00	167.94 -5.70 0.00	161.58 -5.34 0.00	147.76 -4.98 0.00	158.21 -5.44 0.00	158.22 -5.56 0.00
INDECK___YERKES 23781	223.29 -14.35 0.00	195.90 -15.61 0.00	166.12 -11.76 0.00	188.74 -10.60 0.00	178.56 -9.58 0.00	209.18 -7.75 0.00	247.51 -16.45 0.00	353.05 -26.80 0.00	322.76 -18.11 0.00	208.69 -17.35 0.00	162.56 -14.33 0.00	155.47 -15.37 0.00	165.06 -14.64 0.00	147.03 -12.31 0.00	143.79 -10.91 0.00	159.60 -12.80 0.00	165.60 -17.76 -6.33	296.73 -19.19 -123.04	226.92 -18.53 -66.30	145.32 -19.52 8.81	126.50 -17.07 23.34	115.79 -16.19 20.75	134.22 -16.57 12.86	148.14 -15.21 0.42
INDIAN POINT_GT_1 24139	246.40 8.77 0.00	219.48 7.96 0.00	185.56 7.68 0.00	205.94 6.61 0.00	195.85 7.71 0.00	224.79 7.86 0.00	272.79 8.83 0.00	392.88 13.03 0.00	354.30 13.43 0.00	239.05 13.01 0.00	188.58 11.69 0.00	182.85 12.01 0.00	190.13 10.43 0.00	169.96 10.62 0.00	165.62 10.92 0.00	183.31 10.90 0.00	187.88 10.85 0.00	204.03 11.15 0.00	190.22 11.07 0.00	184.74 11.09 0.00	178.48 11.56 0.00	163.86 11.12 0.00	173.57 9.92 0.00	172.86 9.08 0.00
INDIAN POINT_GT_2 23659	246.40 8.77 0.00	219.48 7.96 0.00	185.56 7.68 0.00	205.94 6.61 0.00	195.85 7.71 0.00	224.79 7.86 0.00	272.79 8.83 0.00	392.88 13.03 0.00	354.30 13.43 0.00	239.05 13.01 0.00	188.58 11.69 0.00	182.85 12.01 0.00	190.13 10.43 0.00	169.96 10.62 0.00	165.62 10.92 0.00	183.31 10.90 0.00	187.88 10.85 0.00	204.03 11.15 0.00	190.22 11.07 0.00	184.74 11.09 0.00	178.48 11.56 0.00	163.86 11.12 0.00	173.57 9.92 0.00	172.86 9.08 0.00
INDIAN POINT_GT_3 24019	246.40 8.77 0.00	219.48 7.96 0.00	185.56 7.68 0.00	205.94 6.61 0.00	195.85 7.71 0.00	224.79 7.86 0.00	272.79 8.83 0.00	392.88 13.03 0.00	354.30 13.43 0.00	239.05 13.01 0.00	188.58 11.69 0.00	182.85 12.01 0.00	190.13 10.43 0.00	169.96 10.62 0.00	165.62 10.92 0.00	183.31 10.90 0.00	187.88 10.85 0.00	204.03 11.15 0.00	190.22 11.07 0.00	184.74 11.09 0.00	178.48 11.56 0.00	163.86 11.12 0.00	173.57 9.92 0.00	172.86 9.08 0.00
INDIAN POINT___2 23530	245.96 8.33 0.00	219.07 7.55 0.00	185.14 7.25 0.00	205.49 6.16 0.00	195.42 7.28 0.00	224.26 7.33 0.00	272.24 8.28 0.00	392.05 12.20 0.00	353.50 12.63 0.00	238.53 12.50 0.00	188.19 11.30 0.00	182.50 11.66 0.00	189.74 10.04 0.00	169.60 10.26 0.00	165.26 10.56 0.00	182.90 10.50 0.00	187.45 10.43 0.00	203.48 10.60 0.00	189.77 10.62 0.00	184.35 10.71 0.00	178.00 11.08 0.00	163.46 10.72 0.00	173.24 9.59 0.00	172.56 8.78 0.00
INDIAN POINT___3 23531	245.98 8.35 0.00	219.09 7.58 0.00	185.24 7.35 0.00	205.59 6.26 0.00	195.49 7.35 0.00	224.39 7.46 0.00	272.38 8.42 0.00	392.12 12.27 0.00	353.62 12.75 0.00	238.54 12.50 0.00	188.18 11.29 0.00	182.51 11.66 0.00	189.76 10.07 0.00	169.64 10.30 0.00	165.31 10.61 0.00	182.92 10.52 0.00	187.47 10.44 0.00	203.60 10.72 0.00	189.85 10.70 0.00	184.38 10.73 0.00	178.14 11.22 0.00	163.59 10.85 0.00	173.29 9.64 0.00	172.62 8.84 0.00
INGHAM_C_115KV_TB7 356103	243.47 5.84 0.00	216.13 4.62 0.00	182.32 4.43 0.00	203.22 3.89 0.00	193.42 5.28 0.00	223.76 6.82 0.00	272.18 8.22 0.00	391.38 11.53 0.00	351.23 10.37 0.00	233.80 7.77 0.00	182.48 5.59 0.00	175.98 5.14 0.00	183.33 3.63 0.00	164.80 5.46 0.00	163.49 8.79 0.00	181.43 9.03 0.00	185.35 8.32 0.00	200.69 7.81 0.00	186.90 7.75 0.00	181.57 7.93 0.00	175.26 8.34 0.00	161.07 8.34 0.00	171.70 8.06 0.00	170.42 6.64 0.00
IP CORINTH___1 23988	252.50 14.86 0.00	224.08 12.56 0.00	189.12 11.24 0.00	211.17 11.84 0.00	200.34 12.19 0.00	231.49 14.56 0.00	282.74 18.77 0.00	407.11 27.25 0.00	365.25 24.38 0.00	242.84 16.80 0.00	189.59 12.70 0.00	182.85 12.01 0.00	191.26 11.56 0.00	169.16 9.82 0.00	164.97 10.26 0.00	184.32 11.92 0.00	191.32 14.29 0.00	208.67 15.79 0.00	194.11 14.96 0.00	188.24 14.60 0.00	181.66 14.73 0.00	165.92 13.18 0.00	176.71 13.06 0.00	175.86 12.08 0.00

IP___TICONDEROGA 23804	262.75 25.12 0.00	232.61 21.09 0.00	196.74 18.85 0.00	219.54 20.21 0.00	208.39 20.24 0.00	241.02 24.09 0.00	297.01 33.05 0.00	428.24 48.39 0.00	381.85 40.98 0.00	252.35 26.31 0.00	196.67 19.78 0.00	189.47 18.63 0.00	198.38 18.68 0.00	175.38 16.04 0.00	171.13 16.43 0.00	192.92 20.52 0.00	201.94 24.91 0.00	220.93 28.05 0.00	205.58 26.43 0.00	199.02 25.37 0.00	191.80 24.88 0.00	175.08 22.35 0.00	185.97 22.32 0.00	184.44 20.65 0.00
ISLIP_RES_REC 323679	241.54 10.84 6.93	221.25 11.15 1.42	188.38 10.49 0.00	207.77 8.43 0.00	198.58 10.51 0.07	225.18 8.25 0.00	249.68 7.77 22.04	296.56 10.58 93.88	331.87 14.06 23.06	246.06 17.01 -3.02	290.34 16.10 -97.36	190.25 16.64 -2.77	195.79 15.52 -0.57	176.96 15.93 -1.68	172.33 15.97 -1.66	190.51 16.96 -1.15	194.77 16.58 -1.16	233.76 18.07 -22.82	202.26 16.83 -6.28	194.74 17.46 -3.64	183.78 16.44 -0.42	168.19 15.45 0.00	175.84 12.19 0.00	175.10 11.22 -0.10
JAMAICA__27_KV_LOAD 355505	248.61 10.98 0.00	221.21 9.69 0.00	187.33 9.44 0.00	207.60 8.27 0.00	197.72 9.58 0.00	227.12 10.19 0.00	276.46 11.68 -0.82	398.72 18.87 0.00	360.98 20.11 0.00	244.06 18.02 0.00	190.94 14.05 0.00	187.85 16.78 -0.22	194.35 14.65 0.00	174.03 14.68 0.00	169.51 14.81 0.00	186.98 14.57 0.00	191.80 14.78 0.00	208.08 15.20 0.00	194.62 15.47 0.00	188.97 15.33 0.00	182.38 15.46 0.00	167.48 14.75 0.00	176.41 12.76 0.00	175.58 11.80 0.00
JANIS___SOLAR 323808	251.85 14.22 0.00	222.95 11.43 0.00	188.24 10.35 0.00	211.66 12.33 0.00	201.04 12.89 0.00	234.52 17.59 0.00	286.75 22.78 0.00	413.34 33.49 0.00	370.94 30.07 0.00	242.63 16.59 0.00	187.95 11.06 0.00	179.70 8.86 0.00	188.48 8.78 0.00	167.13 7.79 0.00	174.16 19.46 0.00	204.22 31.82 0.00	212.73 35.70 0.00	233.21 40.33 0.00	213.38 34.23 0.00	204.44 30.79 0.00	192.76 25.84 0.00	167.69 11.38 -3.57	173.90 6.78 -3.47	170.43 6.53 -0.11
JARVIS____ 23743	238.34 0.72 0.00	212.10 0.58 0.00	178.59 0.70 0.00	199.83 0.50 0.00	188.96 0.82 0.00	217.78 0.85 0.00	264.74 0.78 0.00	380.87 1.02 0.00	342.02 1.15 0.00	227.42 1.38 0.00	178.14 1.25 0.00	172.02 1.18 0.00	180.59 0.89 0.00	160.34 1.00 0.00	155.85 1.15 0.00	173.42 1.02 0.00	177.86 0.83 0.00	193.60 0.73 0.00	179.87 0.72 0.00	174.41 0.77 0.00	167.88 0.96 0.00	153.62 0.88 0.00	164.53 0.88 0.00	164.51 0.72 0.00
JENNISON___1 23625	252.40 14.77 0.00	222.98 11.46 0.00	187.06 9.18 0.00	210.45 11.12 0.00	200.54 12.40 0.00	234.05 17.12 0.00	286.51 22.55 0.00	412.40 32.55 0.00	371.53 30.66 0.00	244.86 18.82 0.00	190.83 13.95 0.00	182.89 12.05 0.00	192.13 12.43 0.00	170.72 11.38 0.00	169.03 14.33 0.00	189.24 16.84 0.00	194.08 17.05 0.00	210.87 17.99 0.00	194.68 15.53 0.00	187.59 13.95 0.00	178.60 11.67 0.00	160.47 7.73 0.00	171.04 7.39 0.00	171.03 7.25 0.00
JENNISON___2 23626	252.40 14.77 0.00	222.98 11.46 0.00	187.06 9.18 0.00	210.45 11.12 0.00	200.54 12.40 0.00	234.05 17.12 0.00	286.51 22.55 0.00	412.40 32.55 0.00	371.53 30.66 0.00	244.86 18.82 0.00	190.83 13.95 0.00	182.89 12.05 0.00	192.13 12.43 0.00	170.72 11.38 0.00	169.03 14.33 0.00	189.24 16.84 0.00	194.08 17.05 0.00	210.87 17.99 0.00	194.68 15.53 0.00	187.59 13.95 0.00	178.60 11.67 0.00	160.47 7.73 0.00	171.04 7.39 0.00	171.03 7.25 0.00
JERICHO_RISE_WT_PWR 323719	240.70 3.08 0.00	215.33 3.81 0.00	179.31 1.42 0.00	201.68 2.35 0.00	188.88 0.73 0.00	218.11 1.18 0.00	266.91 2.95 0.00	383.35 3.50 0.00	342.08 1.21 0.00	224.96 -1.08 0.00	175.61 -1.28 0.00	169.76 -1.08 0.00	179.45 -0.25 0.00	159.14 -0.20 0.00	154.01 -0.69 0.00	172.39 -0.01 0.00	178.17 1.14 0.00	194.85 1.98 0.00	180.82 1.67 0.00	174.83 1.19 0.00	167.14 0.22 0.00	152.28 -0.46 0.00	163.92 0.27 0.00	164.49 0.71 0.00
KATONAH___115KV_46KV_TB4 355592	249.41 11.78 0.00	222.05 10.54 0.00	187.79 9.90 0.00	208.62 9.28 0.00	198.41 10.27 0.00	228.07 11.13 0.00	277.06 13.10 0.00	398.77 18.92 0.00	359.57 18.70 0.00	242.40 16.37 0.00	190.99 14.09 0.00	185.02 14.18 0.00	192.57 12.87 0.00	172.08 12.75 0.00	167.64 12.94 0.00	185.58 13.17 0.00	190.17 13.14 0.00	206.66 13.79 0.00	192.84 13.69 0.00	187.23 13.58 0.00	180.73 13.81 0.00	165.83 13.09 0.00	175.65 12.00 0.00	174.83 11.05 0.00
KCE_NY_1 323755	250.14 12.51 0.00	221.88 10.36 0.00	187.16 9.27 0.00	208.90 9.57 0.00	198.14 9.99 0.00	228.96 12.03 0.00	278.73 14.76 0.00	400.80 20.95 0.00	359.86 18.99 0.00	239.70 13.67 0.00	187.19 10.30 0.00	180.75 9.91 0.00	189.27 9.57 0.00	167.94 8.60 0.00	163.53 8.83 0.00	182.57 10.17 0.00	187.86 10.83 0.00	204.89 12.01 0.00	190.62 11.47 0.00	185.12 11.48 0.00	178.36 11.44 0.00	163.28 10.54 0.00	174.36 10.71 0.00	173.80 10.02 0.00
KCE_NY_6_ESR 323823	225.62 -12.01 0.00	197.90 -13.62 0.00	167.92 -9.97 0.00	190.73 -8.60 0.00	180.49 -7.66 0.00	211.39 -5.54 0.00	251.01 -12.95 0.00	358.22 -21.63 0.00	326.86 -14.01 0.00	211.48 -14.56 0.00	164.73 -12.16 0.00	157.53 -13.31 0.00	167.09 -12.60 0.00	149.13 -10.21 0.00	145.88 -8.82 0.00	162.01 -10.39 0.00	162.10 -14.93 0.00	176.19 -16.68 0.00	158.25 -16.44 4.46	144.87 -17.39 11.38	121.90 -15.63 29.38	111.66 -14.97 26.11	132.23 -15.25 16.17	149.25 -14.00 0.53
KEDC_PORT_JEFF_GT2 24210	238.91 8.73 7.45	219.01 9.11 1.62	186.41 8.52 0.00	205.64 6.31 0.00	196.44 8.37 0.07	221.96 5.03 0.00	245.59 4.10 22.47	290.45 5.27 94.67	327.27 9.63 23.23	242.88 13.95 -2.89	286.22 13.75 -95.57	188.18 14.57 -2.77	193.43 13.20 -0.53	174.76 13.86 -1.57	170.23 13.98 -1.54	188.06 14.59 -1.07	192.27 14.16 -1.08	230.97 15.29 -22.81	199.70 14.32 -6.23	192.20 14.98 -3.57	181.41 14.10 -0.39	166.25 13.51 0.00	173.77 10.12 0.00	172.67 8.79 -0.09
KEDC_PORT_JEFF_GT3 24211	238.91 8.73 7.45	219.01 9.11 1.62	186.41 8.52 0.00	205.64 6.31 0.00	196.44 8.37 0.07	221.96 5.03 0.00	245.59 4.10 22.47	290.45 5.27 94.67	327.27 9.63 23.23	242.88 13.95 -2.89	286.22 13.75 -95.57	188.18 14.57 -2.77	193.43 13.20 -0.53	174.76 13.86 -1.57	170.23 13.98 -1.54	188.06 14.59 -1.07	192.27 14.16 -1.08	230.97 15.29 -22.81	199.70 14.32 -6.23	192.20 14.98 -3.57	181.41 14.10 -0.39	166.25 13.51 0.00	173.77 10.12 0.00	172.67 8.79 -0.09
KEDC_GLWD_GT4 24219	264.32 12.35 -14.34	229.59 11.47 -6.60	188.20 10.31 0.00	208.60 9.25 -0.01	198.89 10.59 -0.16	225.85 8.91 0.00	275.15 9.48 -1.71	360.22 12.73 32.36	345.95 14.32 9.24	250.28 15.99 -8.25	363.67 16.28 -170.51	190.08 16.47 -2.77	197.08 15.18 -2.20	181.03 15.19 -6.50	176.43 15.29 -6.44	192.72 15.86 -4.46	197.24 15.69 -4.52	232.00 16.10 -23.02	203.02 15.52 -8.35	196.08 16.06 -6.38	184.30 15.76 -1.62	167.60 14.86 0.00	176.56 12.92 0.00	175.48 11.31 -0.39
KEDC_GLWD_GT5 24220	264.32 12.35 -14.34	229.59 11.47 -6.60	188.20 10.31 0.00	208.60 9.25 -0.01	198.89 10.59 -0.16	225.85 8.91 0.00	275.15 9.48 -1.71	360.22 12.73 32.36	345.95 14.32 9.24	250.28 15.99 -8.25	363.67 16.28 -170.51	190.08 16.47 -2.77	197.08 15.18 -2.20	181.03 15.19 -6.50	176.43 15.29 -6.44	192.72 15.86 -4.46	197.24 15.69 -4.52	232.00 16.10 -23.02	203.02 15.52 -8.35	196.08 16.06 -6.38	184.30 15.76 -1.62	167.60 14.86 0.00	176.56 12.92 0.00	175.48 11.31 -0.39

KENSICO____ 23655	247.14 9.51 0.00	220.10 8.58 0.00	186.19 8.30 0.00	206.61 7.27 0.00	196.51 8.37 0.00	225.53 8.60 0.00	273.70 9.74 0.00	394.01 14.16 0.00	355.35 14.48 0.00	239.91 13.87 0.00	189.32 12.43 0.00	183.58 12.74 0.00	190.95 11.25 0.00	170.76 11.42 0.00	166.38 11.68 0.00	184.11 11.71 0.00	188.69 11.67 0.00	204.87 11.99 0.00	191.00 11.85 0.00	185.56 11.92 0.00	179.21 12.29 0.00	164.51 11.78 0.00	174.20 10.55 0.00	173.45 9.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	250.87 13.24 0.00	223.13 11.61 0.00	188.50 10.61 0.00	209.63 10.29 0.00	199.29 11.14 0.00	229.41 12.48 0.00	279.20 15.24 0.00	402.40 22.55 0.00	362.93 22.06 0.00	243.74 17.71 0.00	191.82 14.93 0.00	185.63 14.78 0.00	193.36 13.66 0.00	172.62 13.28 0.00	168.17 13.47 0.00	186.50 14.10 0.00	190.91 13.88 0.00	207.84 14.96 0.00	193.99 14.84 0.00	188.27 14.63 0.00	181.62 14.70 0.00	166.34 13.60 0.00	176.23 12.59 0.00	175.45 11.67 0.00
KIAC_JFK_GT1 23816	246.82 9.19 0.00	219.64 8.12 0.00	186.02 8.14 0.00	206.11 6.77 0.00	196.36 8.21 0.00	225.44 8.51 0.00	274.35 9.57 -0.82	395.62 15.77 0.00	358.19 17.33 0.00	242.27 16.23 0.00	189.55 12.66 0.00	186.59 15.53 -0.22	192.97 13.27 0.00	172.78 13.43 0.00	168.30 13.60 0.00	185.72 13.32 0.00	190.51 13.48 0.00	206.57 13.69 0.00	193.14 13.99 0.00	187.54 13.90 0.00	181.06 14.14 0.00	166.23 13.49 0.00	175.13 11.48 0.00	174.25 10.47 0.00
KIAC_JFK_GT2 23817	246.82 9.19 0.00	219.64 8.12 0.00	186.02 8.14 0.00	206.11 6.77 0.00	196.36 8.21 0.00	225.44 8.51 0.00	274.35 9.57 -0.82	395.62 15.77 0.00	358.19 17.33 0.00	242.27 16.23 0.00	189.55 12.66 0.00	186.59 15.53 -0.22	192.97 13.27 0.00	172.78 13.43 0.00	168.30 13.60 0.00	185.72 13.32 0.00	190.51 13.48 0.00	206.57 13.69 0.00	193.14 13.99 0.00	187.54 13.90 0.00	181.06 14.14 0.00	166.23 13.49 0.00	175.13 11.48 0.00	174.25 10.47 0.00
KIAC_JFK____ 323774	246.83 9.20 0.00	219.64 8.12 0.00	186.03 8.14 0.00	206.10 6.77 0.00	196.33 8.19 0.00	225.46 8.52 0.00	274.33 9.55 -0.82	395.65 15.80 0.00	358.16 17.29 0.00	242.27 16.23 0.00	189.57 12.68 0.00	186.59 15.53 -0.22	193.01 13.31 0.00	172.78 13.43 0.00	168.30 13.60 0.00	185.72 13.32 0.00	190.49 13.47 0.00	206.44 13.56 0.00	193.08 13.93 0.00	187.51 13.87 0.00	180.96 14.04 0.00	166.11 13.37 0.00	175.10 11.45 0.00	174.27 10.49 0.00
KINTIGH____ 23543	223.18 -14.45 0.00	196.08 -15.44 0.00	166.02 -11.86 0.00	188.05 -11.28 0.00	177.82 -10.32 0.00	207.77 -9.16 0.00	246.94 -17.02 0.00	352.89 -26.95 0.00	321.41 -19.46 0.00	208.86 -17.18 0.00	162.80 -14.09 0.00	155.99 -14.86 0.00	165.29 -14.40 0.00	147.15 -12.19 0.00	143.77 -10.93 0.00	159.62 -12.78 0.00	157.58 -16.71 2.73	121.14 -18.60 53.14	128.82 -17.95 32.38	149.44 -18.43 5.77	135.20 -17.09 14.63	123.82 -15.92 13.00	139.67 -15.92 8.05	149.19 -14.33 0.26
KNTFSRNC_46_KV_46KV_LOAD 80397	244.80 7.17 0.00	218.52 7.00 0.00	182.06 4.18 0.00	204.39 5.05 0.00	191.84 3.69 0.00	222.03 5.10 0.00	272.27 8.30 0.00	390.91 11.06 0.00	348.73 7.87 0.00	229.14 3.11 0.00	178.24 1.36 0.00	172.45 1.61 0.00	181.81 2.12 0.00	161.78 2.44 0.00	156.78 2.08 0.00	175.31 2.90 0.00	180.81 3.78 0.00	197.67 4.79 0.00	183.71 4.56 0.00	177.59 3.95 0.00	170.02 3.10 0.00	154.75 2.01 0.00	166.73 3.08 0.00	167.11 3.33 0.00
LACHUTE____HYDRO 323717	262.75 25.12 0.00	232.61 21.10 0.00	196.74 18.85 0.00	219.55 20.21 0.00	208.39 20.25 0.00	241.02 24.09 0.00	297.02 33.07 0.00	428.24 48.39 0.00	381.84 40.97 0.00	252.34 26.30 0.00	196.66 19.77 0.00	189.48 18.64 0.00	198.40 18.70 0.00	175.38 16.04 0.00	171.13 16.43 0.00	192.91 20.51 0.00	201.94 24.91 0.00	220.96 28.08 0.00	205.62 26.47 0.00	199.01 25.37 0.00	191.82 24.90 0.00	175.10 22.37 0.00	185.97 22.32 0.00	184.43 20.65 0.00
LAWRNCV_115KV_TB1 80681	244.93 7.30 0.00	218.52 7.00 0.00	182.21 4.32 0.00	205.13 5.80 0.00	191.30 3.16 0.00	219.71 2.78 0.00	266.37 2.40 0.00	383.09 3.24 0.00	341.74 0.87 0.00	223.65 -2.39 0.00	175.06 -1.83 0.00	168.78 -2.06 0.00	178.92 -0.78 0.00	157.93 -1.42 0.00	152.76 -1.95 0.00	170.69 -1.71 0.00	176.34 -0.69 0.00	193.02 0.15 0.00	178.97 -0.18 0.00	172.74 -0.90 0.00	165.09 -1.83 0.00	152.05 -0.69 0.00	164.42 0.77 0.00	166.00 2.22 0.00
LEDERLE____ 23769	246.54 8.91 0.00	219.62 8.10 0.00	185.52 7.64 0.00	205.91 6.58 0.00	195.84 7.69 0.00	224.82 7.89 0.00	273.06 9.10 0.00	393.39 13.54 0.00	354.82 13.95 0.00	239.27 13.24 0.00	188.74 11.85 0.00	183.09 12.25 0.00	190.27 10.57 0.00	170.06 10.71 0.00	165.75 11.05 0.00	183.33 10.93 0.00	187.96 10.93 0.00	204.19 11.31 0.00	190.42 11.27 0.00	184.88 11.24 0.00	178.60 11.68 0.00	164.03 11.29 0.00	173.75 10.10 0.00	173.08 9.30 0.00
LIGHTHSE_115KV_TB6 355974	236.37 -1.27 0.00	210.14 -1.38 0.00	177.10 -0.79 0.00	198.54 -0.80 0.00	187.89 -0.25 0.00	217.44 0.51 0.00	265.11 1.14 0.00	382.26 2.41 0.00	343.44 2.57 0.00	226.57 0.53 0.00	177.03 0.14 0.00	170.32 -0.52 0.00	178.94 -0.76 0.00	158.57 -0.77 0.00	154.69 -0.01 0.00	172.70 0.30 0.00	176.52 -0.51 0.00	192.25 -0.63 0.00	178.48 -0.67 0.00	171.99 -1.65 0.00	164.81 -2.11 0.00	150.15 -2.58 0.00	160.15 -3.50 0.00	160.28 -3.50 0.00
LINDEN COGEN____ 23786	246.67 9.04 0.00	219.78 8.26 0.00	186.07 8.19 0.00	206.17 6.84 0.00	196.35 8.21 0.00	225.07 8.14 0.00	273.00 9.04 0.00	393.19 13.34 0.00	354.51 13.65 0.00	231.29 13.79 8.53	182.64 12.59 6.83	179.99 13.10 3.95	185.22 11.42 5.90	171.06 11.72 0.00	166.68 11.97 0.00	184.37 11.97 0.00	189.16 12.13 0.00	204.91 12.04 0.00	191.27 12.12 0.00	185.75 12.11 0.00	179.44 12.52 0.00	164.76 12.02 0.00	174.24 10.59 0.00	173.52 9.73 0.00
LINDHRST_69_KV_BK1 356055	250.71 13.08 0.00	225.53 12.82 -1.20	189.15 11.26 0.00	209.03 9.70 0.00	200.11 11.94 -0.02	227.50 10.56 0.00	259.33 11.31 15.94	313.98 15.27 81.14	337.82 17.24 20.29	249.21 18.04 -5.13	320.46 16.78 -126.79	190.57 16.96 -2.77	196.59 15.65 -1.24	178.70 15.70 -3.66	174.09 15.76 -3.63	191.52 16.61 -2.51	196.02 16.44 -2.55	233.41 17.63 -22.90	203.11 16.83 -7.13	195.45 17.04 -4.77	184.34 16.51 -0.91	168.28 15.54 0.00	176.79 13.15 0.00	176.11 12.11 -0.22
LIPA_MISC_IPP 23656	239.48 9.54 7.68	220.42 10.61 1.70	187.83 9.95 0.00	206.97 7.64 0.00	197.64 9.58 0.08	223.76 6.83 0.00	246.83 5.54 22.67	292.06 7.30 95.09	327.91 10.36 23.32	243.47 14.60 -2.84	286.04 14.38 -94.77	189.75 16.13 -2.77	194.89 14.68 -0.51	175.88 15.03 -1.51	171.31 15.12 -1.49	189.54 16.11 -1.03	193.76 15.70 -1.04	232.85 17.16 -22.81	200.69 15.34 -6.20	193.64 16.46 -3.54	182.54 15.25 -0.37	167.07 14.34 0.00	174.27 10.62 0.00	174.05 10.18 -0.09
LISF____SOLAR 323691	240.14 10.11 7.59	220.84 10.99 1.67	188.14 10.25 0.00	207.26 7.94 0.00	197.98 9.91 0.08	224.15 7.22 0.00	247.37 6.00 22.59	292.96 8.05 94.94	328.51 10.93 23.29	243.96 15.06 -2.86	286.73 14.76 -95.08	190.09 16.48 -2.77	195.24 15.03 -0.52	176.19 15.32 -1.53	171.64 15.43 -1.51	189.94 16.50 -1.05	194.16 16.08 -1.06	233.23 17.55 -22.81	201.06 15.70 -6.21	194.10 16.91 -3.55	182.85 15.55 -0.38	167.35 14.62 0.00	174.61 10.97 0.00	174.38 10.51 -0.09

LITTLE FALLS___HYD 24013	243.47 5.84 0.00	216.13 4.62 0.00	182.32 4.43 0.00	203.22 3.89 0.00	193.42 5.28 0.00	223.76 6.82 0.00	272.18 8.22 0.00	391.38 11.53 0.00	351.23 10.37 0.00	233.80 7.77 0.00	182.48 5.59 0.00	175.98 5.14 0.00	183.33 3.63 0.00	164.80 5.46 0.00	163.49 8.79 0.00	181.43 9.03 0.00	185.35 8.32 0.00	200.69 7.81 0.00	186.90 7.75 0.00	181.57 7.93 0.00	175.26 8.34 0.00	161.07 8.34 0.00	171.70 8.06 0.00	170.42 6.64 0.00
LITTLRIV_115KV_TB1 356100	248.41 10.78 0.00	221.57 10.05 0.00	184.68 6.79 0.00	208.01 8.67 0.00	193.73 5.59 0.00	222.39 5.46 0.00	270.02 6.06 0.00	388.48 8.62 0.00	346.13 5.26 0.00	225.22 -0.81 0.00	175.79 -1.10 0.00	169.30 -1.55 0.00	179.63 -0.07 0.00	158.41 -0.93 0.00	153.22 -1.48 0.00	171.97 -0.43 0.00	178.08 1.05 0.00	195.38 2.51 0.00	181.21 2.07 0.00	174.86 1.22 0.00	167.00 0.08 0.00	153.74 1.00 0.00	166.44 2.79 0.00	168.31 4.52 0.00
LI_NEWBRDGE___DRP 323616	235.83 10.70 12.49	218.61 10.61 3.52	187.11 9.22 0.00	207.01 7.69 0.01	197.74 9.73 0.14	225.16 8.23 0.00	245.52 8.36 26.81	287.99 10.96 102.83	328.66 12.79 24.99	242.31 14.62 -1.65	269.16 14.04 -78.23	187.83 14.22 -2.77	192.53 12.83 0.00	172.61 13.17 -0.10	167.99 13.29 0.00	186.13 13.71 -0.02	190.43 13.40 0.00	229.57 13.95 -22.74	198.28 13.57 -5.56	190.08 13.76 -2.69	180.49 13.56 0.00	165.71 12.97 0.00	174.52 10.87 0.00	173.69 9.91 0.00
LOCKPORT_115KV_TB60_63_64 80432	220.17 -17.46 0.00	193.05 -18.47 0.00	163.81 -14.08 0.00	186.14 -13.19 0.00	176.07 -12.07 0.00	206.21 -10.72 0.00	243.55 -20.42 0.00	347.43 -32.43 -0.02	317.61 -23.26 0.00	205.37 -20.68 -0.02	159.93 -16.96 -0.01	152.97 -17.87 0.00	162.46 -17.23 0.00	144.64 -14.70 0.00	141.47 -13.23 0.00	156.98 -15.43 0.00	176.26 -20.47 -19.71	553.27 -22.70 -383.09	372.15 -21.63 -214.64	145.07 -22.17 6.41	128.04 -20.44 18.45	117.44 -18.87 16.43	134.68 -18.77 10.20	146.13 -17.32 0.34
LOCKPORT___CC1 323769	218.96 -18.67 0.00	192.06 -19.46 0.00	163.07 -14.82 0.00	185.30 -14.03 0.00	175.25 -12.89 0.00	205.23 -11.70 0.00	242.46 -21.50 0.01	345.54 -34.24 0.07	315.88 -24.99 0.00	204.13 -21.83 0.07	159.06 -17.80 0.02	152.19 -18.65 0.00	161.63 -18.07 0.00	143.94 -15.40 0.00	140.79 -13.91 0.00	156.23 -16.16 0.02	71.78 -21.15 84.09	-1464.50 -22.92 1634.45	-775.45 -22.04 932.56	135.27 -22.76 15.61	114.41 -20.32 32.19	105.24 -19.03 28.46	126.62 -19.48 17.54	145.19 -18.04 0.55
LOCKPORT___CC2 323770	218.96 -18.67 0.00	192.06 -19.46 0.00	163.07 -14.82 0.00	185.30 -14.03 0.00	175.25 -12.89 0.00	205.23 -11.70 0.00	242.46 -21.50 0.01	345.54 -34.24 0.07	315.88 -24.99 0.00	204.13 -21.83 0.07	159.06 -17.80 0.02	152.19 -18.65 0.00	161.63 -18.07 0.00	143.94 -15.40 0.00	140.79 -13.91 0.00	156.23 -16.16 0.02	71.78 -21.15 84.09	-1464.50 -22.92 1634.45	-775.45 -22.04 932.56	135.27 -22.76 15.61	114.41 -20.32 32.19	105.24 -19.03 28.46	126.62 -19.48 17.54	145.19 -18.04 0.55
LOCKPORT___CC3 323771	218.96 -18.67 0.00	192.06 -19.46 0.00	163.07 -14.82 0.00	185.30 -14.03 0.00	175.25 -12.89 0.00	205.23 -11.70 0.00	242.46 -21.50 0.01	345.54 -34.24 0.07	315.88 -24.99 0.00	204.13 -21.83 0.07	159.06 -17.80 0.02	152.19 -18.65 0.00	161.63 -18.07 0.00	143.94 -15.40 0.00	140.79 -13.91 0.00	156.23 -16.16 0.02	71.78 -21.15 84.09	-1464.50 -22.92 1634.45	-775.45 -22.04 932.56	135.27 -22.76 15.61	114.41 -20.32 32.19	105.24 -19.03 28.46	126.62 -19.48 17.54	145.19 -18.04 0.55
LONG_LAKE_PHOENIX 24014	231.71 -5.92 0.00	205.80 -5.71 0.00	173.58 -4.30 0.00	194.53 -4.80 0.00	184.16 -3.98 0.00	212.85 -4.08 0.00	259.12 -4.84 0.00	374.60 -5.25 0.00	337.10 -3.77 0.00	222.71 -3.33 0.00	174.02 -2.88 0.00	167.68 -3.16 0.00	176.21 -3.49 0.00	156.21 -3.14 0.00	152.21 -2.49 0.00	169.52 -2.88 0.00	173.27 -3.76 0.00	188.65 -4.23 0.00	175.19 -3.95 0.00	169.55 -4.09 0.00	163.18 -3.74 0.00	149.20 -3.53 0.00	159.67 -3.98 0.00	159.63 -4.15 0.00
LOVETT___3 23632	245.15 7.51 0.00	218.42 6.91 0.00	184.59 6.70 0.00	204.83 5.50 0.00	194.74 6.60 0.00	223.52 6.59 0.00	271.44 7.48 0.00	390.82 10.97 0.00	352.35 11.48 0.00	237.71 11.67 0.00	187.53 10.64 0.00	181.94 11.09 0.00	189.05 9.35 0.00	169.02 9.68 0.00	164.77 10.07 0.00	182.23 9.83 0.00	186.81 9.78 0.00	202.89 10.01 0.00	189.18 10.03 0.00	183.74 10.10 0.00	177.51 10.59 0.00	163.10 10.36 0.00	172.77 9.12 0.00	172.15 8.37 0.00
LOVETT___4 23642	245.15 7.51 0.00	218.42 6.91 0.00	184.59 6.70 0.00	204.83 5.50 0.00	194.74 6.60 0.00	223.52 6.59 0.00	271.44 7.48 0.00	390.82 10.97 0.00	352.35 11.48 0.00	237.71 11.67 0.00	187.53 10.64 0.00	181.94 11.09 0.00	189.05 9.35 0.00	169.02 9.68 0.00	164.77 10.07 0.00	182.23 9.83 0.00	186.81 9.78 0.00	202.89 10.01 0.00	189.18 10.03 0.00	183.74 10.10 0.00	177.51 10.59 0.00	163.10 10.36 0.00	172.77 9.12 0.00	172.15 8.37 0.00
LOVETT___5 23593	245.15 7.51 0.00	218.42 6.91 0.00	184.59 6.70 0.00	204.83 5.50 0.00	194.74 6.60 0.00	223.52 6.59 0.00	271.44 7.48 0.00	390.82 10.97 0.00	352.35 11.48 0.00	237.71 11.67 0.00	187.53 10.64 0.00	181.94 11.09 0.00	189.05 9.35 0.00	169.02 9.68 0.00	164.77 10.07 0.00	182.23 9.83 0.00	186.81 9.78 0.00	202.89 10.01 0.00	189.18 10.03 0.00	183.74 10.10 0.00	177.51 10.59 0.00	163.10 10.36 0.00	172.77 9.12 0.00	172.15 8.37 0.00
LOWER RAQUET___HYD 24057	245.12 7.48 0.00	218.76 7.25 0.00	182.38 4.50 0.00	205.33 6.00 0.00	191.28 3.14 0.00	219.44 2.51 0.00	265.73 1.77 0.00	382.22 2.37 0.00	340.81 -0.06 0.00	222.91 -3.13 0.00	174.69 -2.20 0.00	168.33 -2.51 0.00	178.40 -1.30 0.00	157.45 -1.89 0.00	152.28 -2.42 0.00	170.08 -2.32 0.00	175.79 -1.24 0.00	192.46 -0.41 0.00	178.45 -0.70 0.00	172.14 -1.51 0.00	164.46 -2.46 0.00	151.72 -1.02 0.00	164.22 0.57 0.00	165.93 2.15 0.00
LOWER___HUDSON 24059	245.29 7.66 0.00	217.98 6.47 0.00	184.14 6.25 0.00	205.34 6.01 0.00	194.69 6.55 0.00	224.29 7.36 0.00	272.08 8.11 0.00	390.91 11.06 0.00	351.34 10.48 0.00	235.10 9.06 0.00	184.03 7.14 0.00	177.92 7.07 0.00	186.00 6.30 0.00	165.51 6.17 0.00	160.89 6.19 0.00	179.20 6.80 0.00	183.86 6.83 0.00	200.13 7.25 0.00	186.35 7.21 0.00	181.13 7.49 0.00	175.17 8.26 0.00	160.46 7.72 0.00	171.56 7.91 0.00	170.99 7.21 0.00
LOWVILLE_115KV_TB2 356335	247.59 9.96 0.00	221.12 9.60 0.00	185.93 8.05 0.00	208.49 9.15 0.00	196.79 8.64 0.00	227.63 10.70 0.00	277.80 13.84 0.00	399.34 19.49 0.00	357.38 16.51 0.00	235.04 9.01 0.00	183.71 6.82 0.00	176.31 5.47 0.00	185.02 5.32 0.00	163.70 4.36 0.00	160.07 5.36 0.00	179.44 7.04 0.00	183.85 6.83 0.00	200.36 7.49 0.00	185.37 6.23 0.00	177.45 3.80 0.00	169.31 2.39 0.00	153.34 0.60 0.00	163.03 -0.62 0.00	164.04 0.26 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	249.89 12.27 0.00	221.83 10.31 0.00	187.20 9.31 0.00	208.95 9.62 0.00	198.16 10.02 0.00	228.78 11.85 0.00	278.45 14.49 0.00	400.44 20.59 0.00	359.52 18.65 0.00	239.51 13.47 0.00	187.20 10.31 0.00	180.73 9.88 0.00	189.11 9.41 0.00	167.90 8.56 0.00	163.44 8.74 0.00	182.43 10.03 0.00	187.82 10.80 0.00	204.74 11.86 0.00	190.46 11.31 0.00	184.92 11.27 0.00	178.44 11.52 0.00	163.32 10.59 0.00	174.34 10.70 0.00	173.74 9.96 0.00

LUTHERNY_35_KV_BK2 355980	250.13 12.50 0.00	221.86 10.35 0.00	187.17 9.28 0.00	208.90 9.56 0.00	198.14 10.00 0.00	228.99 12.05 0.00	278.72 14.75 0.00	400.82 20.97 0.00	359.87 19.00 0.00	239.70 13.67 0.00	187.19 10.30 0.00	180.76 9.91 0.00	189.25 9.55 0.00	167.94 8.60 0.00	163.53 8.83 0.00	182.57 10.17 0.00	187.86 10.83 0.00	204.84 11.96 0.00	190.63 11.48 0.00	185.12 11.48 0.00	178.38 11.46 0.00	163.29 10.55 0.00	174.37 10.72 0.00	173.78 10.00 0.00
LWR___OSWEGATCHIE_HYD 23850	245.82 8.19 0.00	219.38 7.86 0.00	183.73 5.84 0.00	206.43 7.09 0.00	193.53 5.39 0.00	222.77 5.83 0.00	270.66 6.70 0.00	389.24 9.40 0.00	347.84 6.97 0.00	228.06 2.02 0.00	178.57 1.68 0.00	171.69 0.85 0.00	181.04 1.34 0.00	159.94 0.60 0.00	155.57 0.87 0.00	174.10 1.70 0.00	179.07 2.04 0.00	195.66 2.78 0.00	181.29 2.15 0.00	174.22 0.58 0.00	166.27 -0.65 0.00	152.13 -0.60 0.00	163.28 -0.36 0.00	164.68 0.90 0.00
LYONS_FALL_HYD 23570	246.87 9.24 0.00	220.07 8.55 0.00	185.14 7.25 0.00	207.46 8.13 0.00	196.05 7.91 0.00	226.69 9.76 0.00	276.44 12.48 0.00	397.64 17.79 0.00	356.26 15.39 0.00	234.72 8.69 0.00	183.32 6.43 0.00	176.23 5.39 0.00	184.93 5.23 0.00	163.83 4.49 0.00	160.10 5.40 0.00	179.25 6.86 0.00	183.65 6.62 0.00	200.28 7.41 0.00	185.46 6.31 0.00	178.27 4.63 0.00	170.63 3.71 0.00	155.06 2.32 0.00	165.13 1.48 0.00	165.71 1.93 0.00
MADISON___COUNTY_LFGE 323628	245.68 8.05 0.00	218.60 7.08 0.00	184.13 6.24 0.00	206.16 6.83 0.00	195.34 7.20 0.00	225.90 8.97 0.00	274.29 10.33 0.00	393.37 13.52 0.00	353.09 12.22 0.00	232.45 6.42 0.00	181.07 4.18 0.00	174.14 3.30 0.00	182.79 3.09 0.00	162.34 3.00 0.00	158.87 4.17 0.00	177.67 5.27 0.00	181.98 4.95 0.00	198.29 5.41 0.00	183.80 4.65 0.00	177.61 3.97 0.00	170.68 3.76 0.00	155.82 3.08 0.00	166.32 2.68 0.00	166.25 2.47 0.00
MALONE___115KV_TB1 356076	247.19 9.56 0.00	220.83 9.31 0.00	183.93 6.04 0.00	206.89 7.56 0.00	193.51 5.37 0.00	223.64 6.71 0.00	273.05 9.09 0.00	392.75 12.90 0.00	350.83 9.96 0.00	229.97 3.94 0.00	179.35 2.46 0.00	173.18 2.33 0.00	182.97 3.26 0.00	162.13 2.79 0.00	157.00 2.29 0.00	175.82 3.42 0.00	181.69 4.66 0.00	199.00 6.12 0.00	184.59 5.44 0.00	178.29 4.65 0.00	170.78 3.86 0.00	155.87 3.14 0.00	167.79 4.14 0.00	168.52 4.74 0.00
MAPLEWOD_115KV_TB3 80458	244.54 6.91 0.00	217.75 6.24 0.00	183.92 6.03 0.00	205.10 5.76 0.00	194.44 6.30 0.00	223.86 6.93 0.00	271.37 7.41 0.00	389.83 9.98 0.00	350.67 9.80 0.00	235.05 9.01 0.00	183.86 6.96 0.00	177.79 6.95 0.00	185.97 6.27 0.00	165.50 6.16 0.00	160.67 5.97 0.00	178.76 6.36 0.00	183.29 6.27 0.00	199.34 6.46 0.00	185.40 6.26 0.00	180.34 6.70 0.00	174.56 7.64 0.00	159.92 7.19 0.00	171.16 7.51 0.00	170.57 6.79 0.00
MAPLE_RIDGE_WT_1 323574	237.78 0.15 0.00	212.30 0.78 0.00	178.20 0.31 0.00	199.90 0.57 0.00	188.33 0.19 0.00	217.23 0.30 0.00	264.40 0.44 0.00	380.23 0.37 0.00	340.66 -0.21 0.00	225.70 -0.34 0.00	176.51 -0.39 0.00	170.24 -0.60 0.00	178.92 -0.77 0.00	158.78 -0.57 0.00	154.18 -0.53 0.00	172.15 -0.25 0.00	176.94 -0.09 0.00	192.72 -0.16 0.00	178.49 -0.66 0.00	172.25 -1.39 0.00	164.33 -2.59 0.00	149.46 -3.28 0.00	160.87 -2.78 0.00	161.93 -1.85 0.00
MAPLE_RIDGE_WT_2 323611	237.78 0.15 0.00	212.30 0.78 0.00	178.20 0.31 0.00	199.90 0.57 0.00	188.33 0.19 0.00	217.23 0.30 0.00	264.40 0.44 0.00	380.23 0.37 0.00	340.66 -0.21 0.00	225.70 -0.34 0.00	176.51 -0.39 0.00	170.24 -0.60 0.00	178.92 -0.77 0.00	158.78 -0.57 0.00	154.18 -0.53 0.00	172.15 -0.25 0.00	176.94 -0.09 0.00	192.72 -0.16 0.00	178.49 -0.66 0.00	172.25 -1.39 0.00	164.33 -2.59 0.00	149.46 -3.28 0.00	160.87 -2.78 0.00	161.93 -1.85 0.00
MARBLE_RIVER_WT_PWR 323696	240.73 3.10 0.00	215.13 3.61 0.00	179.32 1.44 0.00	201.45 2.12 0.00	188.89 0.75 0.00	218.15 1.22 0.00	267.07 3.11 0.00	383.51 3.66 0.00	342.25 1.38 0.00	225.21 -0.83 0.00	175.78 -1.11 0.00	169.97 -0.87 0.00	179.48 -0.22 0.00	159.33 -0.01 0.00	154.31 -0.39 0.00	172.54 0.14 0.00	178.09 1.07 0.00	194.69 1.82 0.00	180.72 1.57 0.00	174.76 1.12 0.00	167.07 0.15 0.00	152.34 -0.40 0.00	164.00 0.35 0.00	164.56 0.78 0.00
MARSHVLE_115KV_TB1 80742	254.16 16.53 0.00	225.99 14.47 0.00	189.97 12.08 0.00	213.10 13.77 0.00	201.61 13.46 0.00	233.43 16.50 0.00	285.49 21.53 0.00	411.82 31.97 0.00	367.13 26.27 0.00	239.22 13.18 0.00	186.34 9.45 0.00	179.20 8.36 0.00	188.59 8.89 0.00	167.74 8.40 0.00	163.41 8.71 0.00	183.84 11.44 0.00	188.94 11.91 0.00	206.48 13.60 0.00	191.58 12.43 0.00	184.80 11.16 0.00	176.73 9.81 0.00	162.04 9.30 0.00	172.87 9.22 0.00	173.18 9.39 0.00
MARSH_HILL_WT_PWR 323713	231.40 -6.23 0.00	202.82 -8.70 0.00	173.58 -4.30 0.00	197.92 -1.41 0.00	188.81 0.67 0.00	220.69 3.76 0.00	265.56 1.59 0.00	381.13 1.28 0.00	343.38 2.52 0.00	221.71 -4.33 0.00	172.20 -4.69 0.00	163.77 -7.07 0.00	172.35 -7.35 0.00	153.90 -5.44 0.00	152.09 -2.61 0.00	170.89 -1.51 0.00	172.26 -4.77 0.00	185.69 -7.19 0.00	184.81 -8.63 -14.28	198.34 -11.79 -36.48	250.31 -10.78 -94.17	225.82 -10.50 -83.57	203.80 -11.59 -51.75	153.44 -12.04 -1.70
MCINTYRE_115KV_TB2 80467	249.86 12.23 0.00	222.75 11.23 0.00	185.60 7.72 0.00	209.19 9.85 0.00	195.08 6.93 0.00	224.52 7.59 0.00	273.45 9.49 0.00	393.41 13.56 0.00	350.26 9.39 0.00	226.95 0.91 0.00	176.50 -0.39 0.00	169.96 -0.88 0.00	180.57 0.87 0.00	159.14 -0.21 0.00	153.87 -0.84 0.00	173.42 1.02 0.00	180.10 3.07 0.00	197.86 4.98 0.00	183.54 4.39 0.00	177.19 3.55 0.00	169.12 2.20 0.00	155.40 2.66 0.00	167.93 4.28 0.00	169.56 5.78 0.00
MECO_____69_KV_BK1 80468	257.00 19.37 0.00	228.37 16.85 0.00	192.19 14.30 0.00	215.25 15.91 0.00	203.96 15.82 0.00	236.28 19.34 0.00	288.87 24.91 0.00	416.92 37.07 0.00	372.05 31.18 0.00	243.89 17.86 0.00	189.50 12.61 0.00	181.84 10.99 0.00	190.49 10.79 0.00	169.15 9.81 0.00	164.85 10.15 0.00	185.67 13.27 0.00	192.32 15.29 0.00	210.58 17.70 0.00	195.52 16.37 0.00	188.98 15.34 0.00	181.22 14.29 0.00	165.63 12.89 0.00	176.48 12.84 0.00	176.30 12.52 0.00
MENANDS___115KV_TB5 355628	243.05 5.42 0.00	216.56 5.04 0.00	182.94 5.05 0.00	204.00 4.67 0.00	193.42 5.28 0.00	222.56 5.63 0.00	269.56 5.60 0.00	387.02 7.17 0.00	348.07 7.20 0.00	233.75 7.71 0.00	182.74 5.84 0.00	176.81 5.96 0.00	184.92 5.22 0.00	164.57 5.23 0.00	159.70 5.00 0.00	177.56 5.16 0.00	181.91 4.88 0.00	197.78 4.90 0.00	184.00 4.85 0.00	179.11 5.47 0.00	173.45 6.53 0.00	159.00 6.26 0.00	170.30 6.66 0.00	169.74 5.96 0.00
MG INDUSTRY___DRP 24185	243.36 5.72 0.00	216.77 5.25 0.00	182.94 5.05 0.00	204.18 4.85 0.00	193.53 5.39 0.00	222.85 5.92 0.00	270.14 6.18 0.00	387.74 7.89 0.00	348.31 7.44 0.00	233.09 7.05 0.00	182.11 5.22 0.00	176.04 5.20 0.00	184.38 4.68 0.00	164.09 4.75 0.00	159.25 4.55 0.00	177.19 4.79 0.00	181.63 4.60 0.00	197.56 4.68 0.00	183.69 4.54 0.00	178.66 5.02 0.00	172.89 5.97 0.00	158.46 5.72 0.00	169.69 6.04 0.00	169.36 5.58 0.00

MID___OSWEGATCHIE_HYD 23849	245.82 8.19 0.00	219.38 7.86 0.00	183.73 5.84 0.00	206.43 7.09 0.00	193.53 5.39 0.00	222.77 5.83 0.00	270.66 6.70 0.00	389.24 9.40 0.00	347.84 6.97 0.00	228.06 2.02 0.00	178.57 1.68 0.00	171.69 0.85 0.00	181.04 1.34 0.00	159.94 0.60 0.00	155.57 0.87 0.00	174.10 1.70 0.00	179.07 2.04 0.00	195.66 2.78 0.00	181.29 2.15 0.00	174.22 0.58 0.00	166.27 -0.65 0.00	152.13 -0.60 0.00	163.28 -0.36 0.00	164.68 0.90 0.00
MID___RAQUETTE_HYD 23851	245.12 7.49 0.00	218.77 7.25 0.00	182.38 4.50 0.00	205.33 6.00 0.00	191.29 3.14 0.00	219.44 2.51 0.00	265.73 1.77 0.00	382.21 2.36 0.00	340.81 -0.06 0.00	222.91 -3.13 0.00	174.69 -2.20 0.00	168.33 -2.51 0.00	178.40 -1.30 0.00	157.45 -1.89 0.00	152.28 -2.42 0.00	170.08 -2.32 0.00	175.78 -1.25 0.00	192.46 -0.42 0.00	178.46 -0.69 0.00	172.14 -1.51 0.00	164.50 -2.42 0.00	151.76 -0.98 0.00	164.22 0.57 0.00	165.93 2.15 0.00
MILLIKEN___1 23584	242.59 4.96 0.00	214.95 3.44 0.00	181.16 3.27 0.00	203.15 3.82 0.00	192.69 4.55 0.00	223.50 6.57 0.00	271.78 7.82 0.00	391.63 11.77 0.00	352.36 11.49 0.00	231.96 5.92 0.00	180.26 3.37 0.00	173.21 2.36 0.00	181.76 2.06 0.00	161.47 2.12 0.00	157.11 2.41 0.00	174.99 2.59 0.00	179.12 2.09 0.00	195.13 2.25 0.00	182.40 2.15 -1.11	178.38 1.91 -2.82	175.97 1.77 -7.28	160.76 1.82 -6.20	169.44 2.04 -3.75	165.68 1.78 -0.12
MILLIKEN___2 23585	242.59 4.96 0.00	214.95 3.44 0.00	181.16 3.27 0.00	203.15 3.82 0.00	192.69 4.55 0.00	223.50 6.57 0.00	271.78 7.82 0.00	391.63 11.77 0.00	352.36 11.49 0.00	231.96 5.92 0.00	180.26 3.37 0.00	173.21 2.36 0.00	181.76 2.06 0.00	161.47 2.12 0.00	157.11 2.41 0.00	174.99 2.59 0.00	179.12 2.09 0.00	195.13 2.25 0.00	182.40 2.15 -1.11	178.38 1.91 -2.82	175.97 1.77 -7.28	160.76 1.82 -6.20	169.44 2.04 -3.75	165.68 1.78 -0.12
MILLIKEN___DIESEL 23629	242.59 4.96 0.00	214.95 3.44 0.00	181.16 3.27 0.00	203.15 3.82 0.00	192.69 4.55 0.00	223.50 6.57 0.00	271.78 7.82 0.00	391.63 11.77 0.00	352.36 11.49 0.00	231.96 5.92 0.00	180.26 3.37 0.00	173.21 2.36 0.00	181.76 2.06 0.00	161.47 2.12 0.00	157.11 2.41 0.00	174.99 2.59 0.00	179.12 2.09 0.00	195.13 2.25 0.00	182.40 2.15 -1.11	178.38 1.91 -2.82	175.97 1.77 -7.28	160.76 1.82 -6.20	169.44 2.04 -3.75	165.68 1.78 -0.12
MILLSEAT___LFGE 323607	227.46 -10.17 0.00	199.69 -11.82 0.00	169.33 -8.56 0.00	192.06 -7.28 0.00	181.84 -6.31 0.00	212.94 -3.99 0.00	253.06 -10.90 0.00	361.87 -17.99 -0.02	330.30 -10.57 0.00	213.67 -12.39 -0.02	166.24 -10.66 -0.01	159.00 -11.84 0.00	168.66 -11.03 0.00	150.10 -9.24 0.00	146.94 -7.76 0.00	163.17 -9.23 0.00	179.78 -13.54 -16.29	495.48 -13.98 -316.59	342.72 -13.79 -177.36	153.49 -14.81 5.33	138.53 -13.05 15.34	126.52 -12.55 13.67	142.30 -12.86 8.48	151.77 -11.73 0.28
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	246.66 9.03 0.00	219.66 8.14 0.00	185.74 7.86 0.00	206.19 6.86 0.00	196.06 7.92 0.00	225.02 8.09 0.00	273.15 9.19 0.00	393.22 13.37 0.00	354.61 13.74 0.00	239.29 13.26 0.00	188.77 11.88 0.00	183.03 12.19 0.00	190.35 10.65 0.00	170.21 10.87 0.00	165.83 11.12 0.00	183.55 11.14 0.00	188.09 11.06 0.00	204.24 11.36 0.00	190.45 11.30 0.00	185.01 11.37 0.00	178.69 11.76 0.00	164.05 11.31 0.00	173.75 10.10 0.00	173.08 9.30 0.00
MILLWOOD_13_KV_LOAD 356217	247.01 9.38 0.00	220.06 8.54 0.00	186.07 8.18 0.00	206.49 7.16 0.00	196.40 8.26 0.00	225.44 8.51 0.00	273.66 9.70 0.00	394.08 14.23 0.00	355.39 14.52 0.00	239.82 13.78 0.00	189.14 12.25 0.00	183.37 12.53 0.00	190.74 11.04 0.00	170.54 11.20 0.00	166.15 11.45 0.00	183.90 11.50 0.00	188.52 11.49 0.00	204.71 11.83 0.00	190.85 11.70 0.00	185.37 11.73 0.00	179.05 12.13 0.00	164.35 11.61 0.00	174.06 10.41 0.00	173.33 9.55 0.00
MODEL_CITY_ENERGY 24167	217.85 -19.78 0.00	191.14 -20.37 0.00	162.31 -15.57 0.00	184.45 -14.88 0.00	174.46 -13.69 0.00	204.26 -12.67 0.00	241.12 -22.84 0.00	343.53 -36.33 -0.01	314.06 -26.81 0.00	203.07 -22.98 -0.01	158.08 -18.81 0.00	151.17 -19.67 0.00	160.58 -19.12 0.00	143.00 -16.35 0.00	139.84 -14.86 0.00	155.11 -17.29 0.00	165.70 -22.38 -11.05	383.45 -24.23 -214.80	274.65 -23.28 -118.78	142.03 -24.03 7.59	124.84 -21.43 20.65	114.49 -19.88 18.37	132.10 -20.16 11.39	144.75 -18.66 0.38
MODERN_LFGE___ 323580	217.85 -19.78 0.00	191.14 -20.37 0.00	162.31 -15.57 0.00	184.45 -14.88 0.00	174.46 -13.69 0.00	204.26 -12.67 0.00	241.12 -22.84 0.00	343.53 -36.33 -0.01	314.06 -26.81 0.00	203.07 -22.98 -0.01	158.08 -18.81 0.00	151.17 -19.67 0.00	160.58 -19.12 0.00	143.00 -16.35 0.00	139.84 -14.86 0.00	155.11 -17.29 0.00	165.70 -22.38 -11.05	383.45 -24.23 -214.80	274.65 -23.28 -118.78	142.03 -24.03 7.59	124.84 -21.43 20.65	114.49 -19.88 18.37	132.10 -20.16 11.39	144.75 -18.66 0.38
MOHAWK_PAPER___DRP 24187	244.54 6.91 0.00	217.75 6.24 0.00	183.92 6.03 0.00	205.10 5.76 0.00	194.44 6.30 0.00	223.86 6.93 0.00	271.37 7.41 0.00	389.83 9.98 0.00	350.67 9.80 0.00	235.05 9.01 0.00	183.86 6.96 0.00	177.79 6.95 0.00	185.97 6.27 0.00	165.50 6.16 0.00	160.67 5.97 0.00	178.76 6.36 0.00	183.29 6.27 0.00	199.34 6.46 0.00	185.40 6.26 0.00	180.34 6.70 0.00	174.56 7.64 0.00	159.92 7.19 0.00	171.16 7.51 0.00	170.57 6.79 0.00
MOHICAN___35_KV_115KV_LD 80490	253.54 15.91 0.00	224.93 13.41 0.00	189.88 11.99 0.00	211.97 12.64 0.00	201.09 12.95 0.00	232.36 15.43 0.00	283.83 19.87 0.00	408.63 28.78 0.00	366.55 25.68 0.00	243.74 17.70 0.00	190.20 13.31 0.00	183.38 12.54 0.00	191.81 12.11 0.00	169.81 10.47 0.00	165.56 10.86 0.00	185.27 12.87 0.00	192.20 15.18 0.00	209.73 16.85 0.00	195.12 15.97 0.00	189.21 15.57 0.00	182.66 15.74 0.00	166.80 14.06 0.00	177.64 13.99 0.00	176.71 12.93 0.00
MONGAUP___HYD 23641	246.00 8.37 0.00	220.55 9.03 0.00	186.29 8.41 0.00	207.36 8.03 0.00	196.75 8.61 0.00	224.52 7.59 0.00	272.91 8.95 0.00	393.28 13.43 0.00	354.44 13.57 0.00	237.68 11.64 0.00	186.65 9.76 0.00	180.54 9.70 0.00	188.06 8.37 0.00	167.84 8.50 0.00	163.28 8.58 0.00	181.16 8.75 0.00	186.01 8.98 0.00	202.79 9.91 0.00	189.31 10.16 0.00	183.77 10.12 0.00	177.35 10.42 0.00	162.59 9.85 0.00	172.57 8.92 0.00	171.70 7.92 0.00
MONTAUK___DIESEL 23721	245.58 15.60 7.65	225.24 15.42 1.69	194.68 16.79 0.00	214.61 15.28 0.00	204.52 16.46 0.08	228.69 11.76 0.00	252.82 11.50 22.64	300.95 16.13 95.03	336.40 18.83 23.31	248.66 19.78 -2.84	291.76 19.99 -94.88	196.74 23.13 -2.77	201.78 21.57 -0.51	181.71 20.86 -1.52	177.02 20.82 -1.49	196.51 23.07 -1.04	198.89 20.81 -1.05	239.06 23.37 -22.81	207.25 21.89 -6.21	202.43 25.25 -3.54	190.63 23.33 -0.37	174.13 21.39 0.00	181.27 17.62 0.00	181.03 17.16 -0.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	228.84 -8.79 0.00	200.80 -10.72 0.00	170.91 -6.98 0.00	194.19 -5.14 0.00	183.73 -4.41 0.00	215.72 -1.21 0.00	257.38 -6.58 0.00	366.27 -13.58 0.00	334.19 -6.68 0.00	215.73 -10.30 0.00	167.06 -9.83 0.00	158.77 -12.07 0.00	169.66 -10.04 0.00	152.68 -6.66 0.00	150.60 -4.10 0.00	166.44 -5.97 0.00	165.34 -11.68 0.00	176.46 -16.42 0.00	158.24 -17.54 3.37	146.42 -18.62 8.61	126.60 -18.10 22.21	115.21 -17.79 19.74	133.48 -17.94 12.23	146.77 -16.61 0.40

MORRIS RIDGE___SOLAR 323848	228.90 -8.73 0.00	201.06 -10.45 0.00	170.75 -7.14 0.00	193.62 -5.71 0.00	183.77 -4.37 0.00	214.44 -2.49 0.00	256.84 -7.12 0.00	367.87 -11.98 0.00	332.47 -8.40 0.00	214.44 -11.59 0.00	166.66 -10.23 0.00	159.08 -11.76 0.00	168.14 -11.56 0.00	150.18 -9.16 0.00	148.27 -6.43 0.00	165.90 -6.50 0.00	167.04 -9.99 0.00	180.66 -12.22 0.00	146.14 -12.35 20.66	107.11 -13.75 52.77	18.16 -12.55 136.21	19.85 -11.91 120.97	76.12 -12.61 74.92	148.74 -12.59 2.46
MORTIMER_115KV_TB3 55949	230.31 -7.32 0.00	203.06 -8.46 0.00	171.68 -6.21 0.00	193.82 -5.51 0.00	183.44 -4.70 0.00	213.78 -3.15 0.00	256.39 -7.58 0.00	367.91 -11.95 0.00	333.75 -7.12 0.00	217.93 -8.11 0.00	169.86 -7.03 0.00	163.09 -7.76 0.00	172.30 -7.40 0.00	153.30 -6.04 0.00	149.70 -5.00 0.00	166.42 -5.99 0.00	170.42 -8.74 -2.14	225.00 -9.49 -41.61	193.41 -9.39 -23.65	163.79 -10.02 -0.18	157.91 -9.26 -0.25	144.02 -8.93 -0.22	154.73 -9.05 -0.13	155.65 -8.13 0.00
MOTHAVN_138_KV_9M4_REV_LBMP_J 345006	248.18 10.55 0.00	221.06 9.55 0.00	187.09 9.21 0.00	207.47 8.14 0.00	197.47 9.32 0.00	226.57 9.64 0.00	274.84 10.88 0.00	395.79 15.94 0.00	357.10 16.23 0.00	241.40 15.36 0.00	190.57 13.68 0.00	184.94 14.10 0.00	192.32 12.62 0.00	172.05 12.71 0.00	167.63 12.93 0.00	185.46 13.06 0.00	190.14 13.11 0.00	206.18 13.31 0.00	192.33 13.19 0.00	186.78 13.14 0.00	180.41 13.49 0.00	165.62 12.88 0.00	175.19 11.55 0.00	174.42 10.64 0.00
MUNSVILLE_WIND_PWR 323609	261.34 23.71 0.00	231.65 20.13 0.00	196.26 18.37 0.00	221.26 21.93 0.00	210.47 22.33 0.00	246.98 30.05 0.00	303.44 39.48 0.00	437.33 57.48 0.00	392.72 51.85 0.00	257.16 31.12 0.00	199.51 22.62 0.00	190.76 19.91 0.00	200.41 20.70 0.00	177.68 18.34 0.00	180.09 25.39 0.00	205.08 32.68 0.00	211.40 34.38 0.00	230.85 37.97 0.00	211.66 32.51 0.00	202.68 29.03 0.00	190.66 23.74 0.00	168.80 13.35 -2.71	178.21 11.90 -2.67	175.60 11.74 -0.09
N SALMON___HYD 24042	247.19 9.56 0.00	220.83 9.31 0.00	183.93 6.04 0.00	206.89 7.56 0.00	193.51 5.37 0.00	223.64 6.71 0.00	273.07 9.10 0.00	392.72 12.87 0.00	350.83 9.96 0.00	229.97 3.94 0.00	179.35 2.46 0.00	173.18 2.34 0.00	182.96 3.26 0.00	162.13 2.79 0.00	157.00 2.29 0.00	175.81 3.42 0.00	181.72 4.69 0.00	199.00 6.12 0.00	184.60 5.46 0.00	178.28 4.64 0.00	170.78 3.86 0.00	155.87 3.13 0.00	167.79 4.14 0.00	168.52 4.74 0.00
N.AKRON__115KV_KNAPP 355671	225.38 -12.25 0.00	197.74 -13.78 0.00	167.71 -10.18 0.00	190.33 -9.00 0.00	180.18 -7.97 0.00	211.04 -5.89 0.00	250.20 -13.77 0.00	357.59 -22.27 -0.02	326.50 -14.37 0.00	211.20 -14.86 -0.02	164.41 -12.49 -0.01	157.24 -13.60 0.00	166.93 -12.77 0.00	148.56 -10.78 0.00	145.47 -9.23 0.00	161.35 -11.05 0.00	178.95 -15.72 -17.64	518.62 -17.17 -342.91	354.68 -17.27 -192.12	150.61 -17.27 5.76	134.42 -15.93 16.57	123.10 -14.88 14.76	139.71 -14.77 9.16	150.00 -13.48 0.30
N.BELMOR_69_KV_BK1 55787	272.42 12.86 -21.94	233.29 12.31 -9.47	188.67 10.78 0.00	208.83 9.48 -0.01	199.71 11.32 -0.25	227.30 10.37 0.00	276.16 10.70 -1.50	343.88 13.78 49.76	343.47 16.16 13.56	253.31 17.15 -10.12	389.82 16.31 -196.62	189.81 16.20 -2.77	197.49 14.93 -2.86	182.76 15.01 -8.40	178.09 15.02 -8.37	193.81 15.62 -5.79	198.46 15.56 -5.88	232.36 16.38 -23.11	204.16 15.82 -9.19	197.06 15.93 -7.49	184.73 15.71 -2.10	167.54 14.80 0.00	176.47 12.82 0.00	176.00 11.71 -0.51
N.E_GEN_SANDY PD 24062	244.22 6.58 0.00	216.91 5.54 0.15	183.94 5.73 -0.33	204.21 4.88 0.00	193.92 5.78 0.00	222.88 5.94 0.00	270.12 6.16 0.00	387.98 8.13 0.00	337.31 8.18 11.74	234.64 8.60 0.00	186.99 7.50 -2.60	181.89 7.69 -3.35	183.60 6.48 2.58	166.13 6.79 0.00	161.64 6.94 0.00	179.52 7.12 0.00	183.77 6.74 1.09	198.69 6.89 0.15	186.13 7.13 0.15	180.14 7.52 1.02	177.64 8.43 -2.29	159.66 8.09 1.17	171.83 7.88 -0.30	170.65 7.21 0.34
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	245.72 8.09 0.00	218.88 7.36 0.00	184.96 7.07 0.00	205.25 5.91 0.00	195.21 7.07 0.00	224.01 7.08 0.00	272.03 8.06 0.00	391.84 11.99 0.00	353.28 12.41 0.00	238.31 12.28 0.00	187.99 11.10 0.00	182.36 11.52 0.00	189.51 9.81 0.00	169.40 10.06 0.00	165.13 10.43 0.00	182.63 10.23 0.00	187.25 10.22 0.00	203.42 10.54 0.00	189.69 10.54 0.00	184.19 10.55 0.00	177.95 11.03 0.00	163.46 10.72 0.00	173.16 9.51 0.00	172.54 8.76 0.00
N.QUEENS_27_KV_LOAD 356247	248.53 10.90 0.00	221.77 10.25 0.00	188.10 10.21 0.00	207.99 8.66 0.00	198.42 10.28 0.00	227.46 10.53 0.00	276.96 12.57 -0.43	398.23 18.38 0.00	359.53 18.66 0.00	243.12 17.08 0.00	191.57 14.67 0.00	185.87 14.74 -0.29	192.80 13.10 0.00	172.62 13.28 -0.01	168.22 13.51 -0.01	185.97 13.57 0.00	190.89 13.86 0.00	207.40 14.52 0.00	193.31 14.16 0.00	187.76 14.12 0.00	181.14 14.21 -0.01	166.21 13.47 -0.01	175.71 12.06 -0.01	175.02 11.24 0.00
N.TROY___115KV_TB1 355778	245.28 7.65 0.00	217.98 6.46 0.00	184.14 6.26 0.00	205.35 6.01 0.00	194.69 6.55 0.00	224.29 7.36 0.00	272.08 8.12 0.00	390.94 11.09 0.00	351.35 10.48 0.00	235.12 9.08 0.00	184.03 7.14 0.00	177.92 7.08 0.00	186.00 6.30 0.00	165.51 6.17 0.00	160.89 6.19 0.00	179.20 6.80 0.00	183.86 6.83 0.00	200.16 7.28 0.00	186.37 7.22 0.00	181.14 7.50 0.00	175.23 8.31 0.00	160.47 7.73 0.00	171.56 7.91 0.00	171.00 7.22 0.00
NARROWS_GT1_1 24228	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT1_2 24229	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT1_3 24230	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT1_4 24231	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83

NARROWS_GT1_5 24232	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT1_6 24233	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT1_7 24234	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT1_8 24235	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_1 24236	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_2 24237	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_3 24238	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_4 24239	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_5 24240	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_6 24241	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_7 24242	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NARROWS_GT2_8 24243	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	541.24 17.62 -297.59	653.15 15.56 -460.70	437.38 15.99 -250.55	343.12 14.45 -148.98	341.28 14.54 -167.40	301.19 14.75 -131.74	257.95 14.78 -70.77	273.36 14.98 -81.35	277.60 15.17 -69.56	453.84 15.07 -259.62	520.74 15.01 -332.08	1008.47 15.29 -826.26	1305.59 14.44 -1138.41	249.05 13.20 -72.20	230.88 12.26 -54.83
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	251.66 14.03 0.00	224.15 12.64 0.00	189.20 11.31 0.00	211.36 12.03 0.00	200.53 12.38 0.00	231.51 14.58 0.00	281.27 17.30 0.00	404.52 24.66 0.00	363.86 22.99 0.00	242.68 16.65 0.00	188.63 11.74 0.00	181.90 11.06 0.00	190.42 10.72 0.00	169.10 9.76 0.00	163.93 9.23 0.00	182.82 10.42 0.00	187.85 10.82 0.00	205.11 12.23 0.00	190.77 11.62 0.00	185.33 11.69 0.00	179.28 12.35 0.00	163.82 11.09 0.00	175.42 11.77 0.00	174.75 10.97 0.00
NCHELSEA_115KV_TR2 355582	249.64 12.01 0.00	222.11 10.59 0.00	187.74 9.86 0.00	208.63 9.30 0.00	198.30 10.16 0.00	228.03 11.10 0.00	277.26 13.30 0.00	399.21 19.36 0.00	359.81 18.94 0.00	242.08 16.05 0.00	190.61 13.72 0.00	184.63 13.79 0.00	192.28 12.58 0.00	171.78 12.44 0.00	167.37 12.67 0.00	185.41 13.01 0.00	189.89 12.86 0.00	206.52 13.64 0.00	192.58 13.43 0.00	186.99 13.35 0.00	180.56 13.64 0.00	165.52 12.79 0.00	175.57 11.92 0.00	174.82 11.04 0.00
NEG CAPITAL___MECHNVIL 23645	250.12 12.49 0.00	222.03 10.52 0.00	187.41 9.52 0.00	209.16 9.83 0.00	198.39 10.24 0.00	228.94 12.01 0.00	278.52 14.56 0.00	400.61 20.76 0.00	359.68 18.81 0.00	239.87 13.83 0.00	187.54 10.65 0.00	181.07 10.23 0.00	189.43 9.73 0.00	168.22 8.88 0.00	163.71 9.01 0.00	182.68 10.28 0.00	188.00 10.97 0.00	204.95 12.08 0.00	190.73 11.58 0.00	185.20 11.56 0.00	178.77 11.85 0.00	163.55 10.81 0.00	174.59 10.94 0.00	173.92 10.14 0.00



NEG CENTRAL_HIGH_ACRES 23767	227.93 -9.70 0.00	201.39 -10.13 0.00	170.14 -7.75 0.00	191.71 -7.63 0.00	181.50 -6.64 0.00	211.33 -5.61 0.00	254.58 -9.38 0.00	365.60 -14.26 0.00	330.96 -9.91 0.00	216.47 -9.57 0.00	168.71 -8.18 0.00	162.15 -8.69 0.00	171.11 -8.59 0.00	152.11 -7.24 0.00	148.68 -6.02 0.00	165.36 -7.04 0.00	167.56 -9.47 0.00	182.89 -9.98 0.00	169.30 -9.84 0.00	163.60 -10.04 0.00	157.81 -9.11 0.00	143.92 -8.82 0.00	154.22 -9.43 0.00	155.05 -8.74 0.00
NEG CENTRAL___DRP 24199	236.23 -1.40 0.00	208.71 -2.80 0.00	175.81 -2.08 0.00	197.49 -1.84 0.00	187.38 -0.76 0.00	217.64 0.71 0.00	263.98 0.02 0.00	380.22 0.37 0.00	342.62 1.75 0.00	224.68 -1.35 0.00	174.74 -2.15 0.00	167.75 -3.09 0.00	176.33 -3.37 0.00	156.84 -2.50 0.00	153.54 -1.16 0.00	171.66 -0.74 0.00	174.92 -2.11 0.00	190.19 -2.69 0.00	178.03 -2.49 -1.37	174.09 -3.05 -3.50	172.74 -3.22 -9.04	157.59 -3.13 -7.98	165.14 -3.44 -4.93	160.42 -3.52 -0.16
NEG CENTRAL___INDECK 23768	240.53 2.90 0.00	211.29 -0.23 0.00	179.18 1.29 0.00	202.93 3.60 0.00	192.57 4.42 0.00	221.38 4.44 0.00	260.35 -3.61 0.00	375.38 -4.47 0.00	339.12 -1.75 0.00	218.90 -7.13 0.00	170.66 -6.23 0.00	162.69 -8.15 0.00	171.19 -8.51 0.00	152.84 -6.50 0.00	151.46 -3.24 0.00	169.41 -2.99 0.00	171.71 -5.32 0.00	187.64 -5.24 0.00	187.86 -5.98 -14.69	203.75 -7.42 -37.53	263.31 -0.48 -96.86	236.23 -2.48 -85.98	213.67 -3.22 -53.24	162.37 -3.16 -1.75
NEG CENTRAL___SENECA 23627	236.99 -0.64 0.00	208.73 -2.79 0.00	175.73 -2.16 0.00	197.64 -1.69 0.00	187.69 -0.45 0.00	218.46 1.53 0.00	264.73 0.77 0.00	381.11 1.26 0.00	343.59 2.72 0.00	224.38 -1.65 0.00	174.35 -2.54 0.00	166.92 -3.92 0.00	175.75 -3.95 0.00	156.39 -2.95 0.00	153.48 -1.22 0.00	171.73 -0.67 0.00	174.57 -2.46 0.00	189.79 -3.09 0.00	178.36 -2.97 -2.18	175.55 -3.67 -5.57	177.55 -3.76 -14.39	161.80 -3.68 -12.74	167.62 -3.91 -7.88	160.00 -4.04 -0.26
NEG CENTRAL___STATE_STREET 24147	237.82 0.19 0.00	210.97 -0.55 0.00	177.87 -0.02 0.00	199.37 0.03 0.00	189.09 0.94 0.00	219.17 2.24 0.00	265.30 1.34 0.00	382.41 2.56 0.00	344.59 3.73 0.00	227.37 1.34 0.00	176.49 -0.40 0.00	170.21 -0.63 0.00	178.37 -1.33 0.00	158.42 -0.92 0.00	154.50 -0.20 0.00	172.43 0.03 0.00	176.10 -0.93 0.00	191.73 -1.14 0.00	178.09 -1.06 0.00	172.33 -1.32 0.00	165.61 -1.31 0.00	151.50 -1.24 0.00	162.10 -1.55 0.00	162.15 -1.63 0.00
NEG MILLWOOD___DRP 24198	251.08 13.45 0.00	223.48 11.96 0.00	188.96 11.07 0.00	210.01 10.68 0.00	199.74 11.60 0.00	229.79 12.86 0.00	279.42 15.46 0.00	402.15 22.30 0.00	362.59 21.72 0.00	244.12 18.08 0.00	192.22 15.33 0.00	186.21 15.37 0.00	193.92 14.21 0.00	173.24 13.90 0.00	168.70 14.00 0.00	186.85 14.45 0.00	191.40 14.37 0.00	208.18 15.30 0.00	194.19 15.04 0.00	188.60 14.96 0.00	182.03 15.11 0.00	166.88 14.15 0.00	176.81 13.16 0.00	175.98 12.20 0.00
NEG NORTH_FLCN_SEA 23793	242.67 5.05 0.00	216.56 5.05 0.00	180.30 2.41 0.00	202.25 2.91 0.00	189.97 1.83 0.00	219.69 2.75 0.00	269.45 5.48 0.00	386.67 6.82 0.00	344.62 3.76 0.00	226.92 0.88 0.00	176.58 -0.31 0.00	171.09 0.25 0.00	180.32 0.62 0.00	160.61 1.27 0.00	155.54 0.84 0.00	173.49 1.09 0.00	178.74 1.72 0.00	195.30 2.43 0.00	181.51 2.36 0.00	175.54 1.90 0.00	167.98 1.06 0.00	153.09 0.35 0.00	165.22 1.57 0.00	165.53 1.75 0.00
NEG NORTH_KES_CHATEGAY 23792	241.60 3.97 0.00	216.14 4.62 0.00	180.02 2.13 0.00	202.39 3.06 0.00	189.53 1.39 0.00	218.96 2.03 0.00	268.07 4.11 0.00	385.00 5.15 0.00	343.56 2.69 0.00	225.64 -0.40 0.00	175.85 -1.04 0.00	169.95 -0.89 0.00	179.52 -0.18 0.00	159.27 -0.07 0.00	154.15 -0.55 0.00	172.72 0.32 0.00	178.73 1.70 0.00	195.64 2.77 0.00	181.54 2.39 0.00	175.51 1.87 0.00	167.85 0.93 0.00	152.90 0.17 0.00	164.55 0.90 0.00	165.06 1.28 0.00
NEG NORTH___ALICE_FALLS 23915	244.80 7.17 0.00	218.52 7.00 0.00	182.06 4.18 0.00	204.39 5.05 0.00	191.84 3.69 0.00	222.03 5.10 0.00	272.27 8.30 0.00	390.91 11.06 0.00	348.73 7.87 0.00	229.14 3.11 0.00	178.24 1.36 0.00	172.45 1.61 0.00	181.81 2.12 0.00	161.78 2.44 0.00	156.78 2.08 0.00	175.31 2.90 0.00	180.81 3.78 0.00	197.67 4.79 0.00	183.71 4.56 0.00	177.59 3.95 0.00	170.02 3.10 0.00	154.75 2.01 0.00	166.73 3.08 0.00	167.11 3.33 0.00
NEG NORTH___LWR_SARANAC 23913	244.80 7.17 0.00	218.52 7.00 0.00	182.06 4.18 0.00	204.39 5.05 0.00	191.84 3.69 0.00	222.03 5.10 0.00	272.27 8.30 0.00	390.91 11.06 0.00	348.73 7.87 0.00	229.14 3.11 0.00	178.24 1.36 0.00	172.45 1.61 0.00	181.81 2.12 0.00	161.78 2.44 0.00	156.78 2.08 0.00	175.31 2.90 0.00	180.81 3.78 0.00	197.67 4.79 0.00	183.71 4.56 0.00	177.59 3.95 0.00	170.02 3.10 0.00	154.75 2.01 0.00	166.73 3.08 0.00	167.11 3.33 0.00
NEG NORTH___PLATTSBURG 23628	244.80 7.17 0.00	218.51 7.00 0.00	182.06 4.17 0.00	204.39 5.05 0.00	191.84 3.70 0.00	222.03 5.10 0.00	272.27 8.30 0.00	390.88 11.02 0.00	348.71 7.84 0.00	229.14 3.10 0.00	178.25 1.36 0.00	172.46 1.61 0.00	181.81 2.12 0.00	161.78 2.44 0.00	156.78 2.08 0.00	175.30 2.90 0.00	180.81 3.78 0.00	197.66 4.78 0.00	183.71 4.56 0.00	177.60 3.95 0.00	170.02 3.10 0.00	154.75 2.01 0.00	166.74 3.10 0.00	167.09 3.31 0.00
NEG WEST_LEA_LOCKPORT 23791	219.11 -18.52 0.00	192.10 -19.42 0.00	163.04 -14.85 0.00	185.30 -14.04 0.00	175.24 -12.90 0.00	205.20 -11.73 0.00	242.32 -21.64 0.01	345.54 -34.24 0.07	315.87 -24.99 0.00	204.13 -21.83 0.07	159.06 -17.80 0.02	152.19 -18.65 0.00	161.63 -18.07 0.00	143.92 -15.42 0.00	140.78 -13.92 0.00	156.19 -16.20 0.02	71.74 -21.20 84.09	-1465.22 -23.64 1634.45	-775.87 -22.46 932.56	135.10 -22.93 15.61	113.52 -21.21 32.19	104.68 -19.59 28.46	126.53 -19.57 17.54	145.15 -18.08 0.55
NEG WEST___LANCASTER 23811	227.56 -10.08 0.00	199.38 -12.14 0.00	168.69 -9.19 0.00	191.01 -8.32 0.00	180.90 -7.24 0.00	211.49 -5.44 0.00	251.64 -12.32 0.00	359.80 -20.05 0.00	327.61 -13.26 0.00	212.79 -13.25 0.00	166.17 -10.72 0.00	158.98 -11.86 0.00	168.67 -11.03 0.00	150.74 -8.60 0.00	147.07 -7.63 0.00	163.66 -8.74 0.00	163.47 -13.56 0.00	176.69 -16.19 0.00	160.69 -15.02 3.44	149.80 -15.06 8.78	130.34 -13.92 22.66	119.57 -13.04 20.13	138.60 -12.58 12.47	151.49 -11.88 0.41
NEG_PENN_ALLEGHNY 23528	239.36 1.73 0.00	211.62 0.10 0.00	178.25 0.37 0.00	199.82 0.49 0.00	189.48 1.34 0.00	219.57 2.64 0.00	266.53 2.57 0.00	383.12 3.27 0.00	345.09 4.23 0.00	228.05 2.01 0.00	178.52 1.63 0.00	171.61 0.77 0.00	180.52 0.82 0.00	160.74 1.40 0.00	156.71 2.01 0.00	174.22 1.82 0.00	177.49 0.46 0.00	192.75 -0.13 0.00	179.26 0.11 0.00	173.57 -0.07 0.00	166.85 -0.07 0.00	152.94 0.21 0.00	164.10 0.45 0.00	163.93 0.15 0.00
NEG___GEN_MONROE 24207	231.81 -5.82 0.00	204.27 -7.24 0.00	172.68 -5.20 0.00	195.10 -4.24 0.00	184.64 -3.50 0.00	215.56 -1.37 0.00	258.31 -5.65 0.00	370.53 -9.32 0.00	336.48 -4.39 0.00	219.21 -6.83 0.00	170.63 -6.26 0.00	163.73 -7.11 0.00	172.92 -6.78 0.00	153.86 -5.48 0.00	150.42 -4.28 0.00	167.35 -5.05 0.00	171.92 -8.02 -2.91	241.02 -8.50 -56.65	202.88 -8.47 -32.20	164.64 -9.24 -0.24	158.73 -8.53 -0.34	144.69 -8.34 -0.30	155.49 -8.34 -0.18	156.35 -7.43 0.00

NEPA___ENERGY 23901	226.56 -11.07 0.00	198.77 -12.74 0.00	168.76 -9.12 0.00	191.63 -7.70 0.00	181.32 -6.82 0.00	212.47 -4.46 0.00	252.44 -11.52 0.00	360.27 -19.58 0.00	328.72 -12.15 0.00	212.59 -13.45 0.00	165.36 -11.53 0.00	157.73 -13.12 0.00	167.71 -11.99 0.00	150.07 -9.27 0.00	147.22 -7.48 0.00	163.18 -9.22 0.00	162.88 -14.15 0.00	175.80 -17.07 0.00	157.46 -17.03 4.67	143.80 -17.92 11.92	119.27 -16.89 30.76	109.31 -16.09 27.33	130.57 -16.15 16.93	148.40 -14.83 0.55
NEVERSink___HYD 23608	246.34 8.71 0.00	219.16 7.64 0.00	185.03 7.15 0.00	205.89 6.56 0.00	195.71 7.56 0.00	225.25 8.32 0.00	274.34 10.38 0.00	395.26 15.40 0.00	356.20 15.33 0.00	239.05 13.01 0.00	187.98 11.09 0.00	181.80 10.96 0.00	189.48 9.78 0.00	169.11 9.77 0.00	164.74 10.03 0.00	183.03 10.63 0.00	187.34 10.31 0.00	203.93 11.05 0.00	190.36 11.21 0.00	184.75 11.11 0.00	178.18 11.26 0.00	163.15 10.41 0.00	172.90 9.25 0.00	172.19 8.40 0.00
NEWKRMKL_115KV_TB1 55635	242.84 5.21 0.00	216.63 5.11 0.00	182.96 5.07 0.00	204.03 4.70 0.00	193.45 5.31 0.00	222.57 5.64 0.00	269.48 5.52 0.00	386.92 7.07 0.00	347.87 7.00 0.00	233.69 7.65 0.00	182.49 5.60 0.00	176.52 5.68 0.00	184.74 5.04 0.00	164.33 4.99 0.00	159.33 4.63 0.00	177.13 4.73 0.00	181.58 4.55 0.00	197.38 4.50 0.00	183.51 4.36 0.00	178.73 5.09 0.00	173.14 6.22 0.00	158.70 5.97 0.00	170.17 6.52 0.00	169.59 5.81 0.00
NEWTON___FALLS_HYD 23847	245.82 8.19 0.00	219.38 7.86 0.00	183.73 5.84 0.00	206.43 7.09 0.00	193.53 5.39 0.00	222.77 5.83 0.00	270.66 6.70 0.00	389.24 9.40 0.00	347.84 6.97 0.00	228.06 2.02 0.00	178.57 1.68 0.00	171.69 0.85 0.00	181.04 1.34 0.00	159.94 0.60 0.00	155.57 0.87 0.00	174.10 1.70 0.00	179.07 2.04 0.00	195.66 2.78 0.00	181.29 2.15 0.00	174.22 0.58 0.00	166.27 -0.65 0.00	152.13 -0.60 0.00	163.28 -0.36 0.00	164.68 0.90 0.00
NGRID_A1_DSASP 323792	217.09 -20.54 0.00	190.39 -21.13 0.00	161.59 -16.30 0.00	183.75 -15.58 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.26 -23.70 0.00	342.16 -37.69 0.00	312.80 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.35 -20.50 0.00	159.73 -19.98 0.00	142.24 -17.10 0.00	138.99 -15.71 0.00	154.33 -18.07 0.00	154.02 -23.01 0.00	167.87 -25.01 0.00	151.93 -23.81 3.41	140.52 -24.42 8.70	123.14 -21.33 22.46	112.74 -20.04 19.96	130.56 -20.73 12.36	144.20 -19.17 0.40
NGRID_A2_DSASP 323793	217.09 -20.54 0.00	190.39 -21.13 0.00	161.59 -16.30 0.00	183.75 -15.58 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.26 -23.70 0.00	342.16 -37.69 0.00	312.80 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.35 -20.50 0.00	159.73 -19.98 0.00	142.24 -17.10 0.00	138.99 -15.71 0.00	154.33 -18.07 0.00	154.02 -23.01 0.00	167.87 -25.01 0.00	151.93 -23.81 3.41	140.52 -24.42 8.70	123.14 -21.33 22.46	112.74 -20.04 19.96	130.56 -20.73 12.36	144.20 -19.17 0.40
NGRID_A4_DSASP 323807	217.09 -20.54 0.00	190.39 -21.13 0.00	161.59 -16.30 0.00	183.75 -15.58 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.26 -23.70 0.00	342.16 -37.69 0.00	312.80 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.35 -20.50 0.00	159.73 -19.98 0.00	142.24 -17.10 0.00	138.99 -15.71 0.00	154.33 -18.07 0.00	154.02 -23.01 0.00	167.87 -25.01 0.00	151.93 -23.81 3.41	140.52 -24.42 8.70	123.14 -21.33 22.46	112.74 -20.04 19.96	130.56 -20.73 12.36	144.20 -19.17 0.40
NIAGARA_115E_LBMP 323715	216.56 -21.07 0.00	190.05 -21.46 0.00	161.41 -16.48 0.00	183.50 -15.83 0.00	173.52 -14.62 0.00	203.13 -13.80 0.00	239.58 -24.39 0.00	341.21 -38.64 0.00	312.05 -28.82 0.00	201.67 -24.37 0.00	157.01 -19.89 0.00	150.12 -20.72 0.00	159.47 -20.23 0.00	141.96 -17.38 0.00	138.82 -15.88 0.00	154.06 -18.34 0.00	160.29 -23.56 -6.83	300.02 -25.57 -132.71	226.61 -24.57 -72.03	140.20 -25.27 8.16	122.65 -22.54 21.73	112.61 -20.81 19.32	130.60 -21.07 11.97	143.89 -19.49 0.39
NIAGARA_115W_LBMP 323714	216.70 -20.93 0.00	190.05 -21.46 0.00	161.32 -16.57 0.00	183.45 -15.88 0.00	173.40 -14.74 0.00	203.18 -13.75 0.00	239.87 -24.09 0.00	341.50 -38.35 0.00	312.18 -28.69 0.00	201.72 -24.31 0.00	156.99 -19.90 0.00	150.12 -20.72 0.00	159.44 -20.26 0.00	141.98 -17.36 0.00	138.73 -15.97 0.00	154.03 -18.37 0.00	153.77 -23.26 0.00	167.55 -25.33 0.00	151.69 -24.08 3.39	140.31 -24.68 8.65	123.11 -21.49 22.32	112.73 -20.18 19.83	130.45 -20.91 12.29	143.93 -19.45 0.40
NIAGARA_230_LBMP 323716	219.08 -18.55 0.00	192.24 -19.28 0.00	163.10 -14.79 0.00	185.30 -14.03 0.00	175.12 -13.02 0.00	205.09 -11.84 0.00	242.36 -21.61 0.00	345.29 -34.56 0.00	315.43 -25.44 0.00	204.04 -21.99 0.00	158.87 -18.01 0.00	152.00 -18.84 0.00	161.36 -18.34 0.00	143.71 -15.63 0.00	140.43 -14.27 0.00	155.89 -16.51 0.00	150.90 -21.15 4.97	73.36 -22.87 96.64	98.84 -22.15 58.15	142.15 -22.89 8.61	124.68 -20.50 21.74	114.23 -19.20 19.31	132.06 -19.64 11.96	145.66 -17.73 0.39
NIAGARA___115KV_198_GIBSON 55903	216.86 -20.77 0.00	190.07 -21.45 0.00	161.29 -16.60 0.00	183.45 -15.88 0.00	173.39 -14.76 0.00	203.18 -13.75 0.00	239.74 -24.22 0.00	341.53 -38.32 0.00	312.18 -28.69 0.00	201.72 -24.32 0.00	156.99 -19.90 0.00	150.11 -20.74 0.00	159.45 -20.24 0.00	141.93 -17.41 0.00	138.72 -15.99 0.00	154.02 -18.39 0.00	153.71 -23.32 0.00	166.82 -26.06 0.00	151.25 -24.51 3.39	140.14 -24.86 8.65	122.22 -22.38 22.32	112.16 -20.75 19.83	130.31 -21.05 12.29	143.92 -19.46 0.40
NIAGARA___ 23760	219.08 -18.55 0.00	192.24 -19.28 0.00	163.10 -14.79 0.00	185.30 -14.03 0.00	175.12 -13.02 0.00	205.09 -11.84 0.00	242.36 -21.61 0.00	345.30 -34.56 0.00	315.43 -25.44 0.00	204.04 -21.99 0.00	158.88 -18.01 0.00	152.00 -18.84 0.00	161.36 -18.34 0.00	143.71 -15.63 0.00	140.43 -14.27 0.00	155.89 -16.51 0.00	155.40 -21.15 0.47	166.38 -22.87 3.62	153.84 -22.15 3.15	142.27 -22.89 8.48	124.64 -20.50 21.79	114.18 -19.20 19.36	132.02 -19.64 12.00	145.66 -17.73 0.39
NINE_MILE_1 23575	228.31 -9.32 0.00	202.94 -8.58 0.00	171.04 -6.85 0.00	191.76 -7.58 0.00	181.39 -6.75 0.00	209.53 -7.40 0.00	254.52 -9.44 0.00	366.77 -13.08 0.00	329.86 -11.01 0.00	218.20 -7.84 0.00	170.60 -6.29 0.00	164.48 -6.36 0.00	172.87 -6.82 0.00	153.46 -5.88 0.00	149.32 -5.38 0.00	166.16 -6.24 0.00	170.00 -7.02 0.00	185.11 -7.77 0.00	171.86 -7.28 0.00	166.39 -7.25 0.00	160.14 -6.78 0.00	146.54 -6.20 0.00	156.95 -6.70 0.00	157.05 -6.73 0.00
NINE_MILE_2 23744	228.31 -9.32 0.00	202.94 -8.58 0.00	171.05 -6.84 0.00	191.76 -7.58 0.00	181.39 -6.75 0.00	209.51 -7.42 0.00	254.52 -9.44 0.00	366.77 -13.08 0.00	329.86 -11.01 0.00	218.20 -7.84 0.00	170.60 -6.29 0.00	164.49 -6.35 0.00	172.92 -6.78 0.00	153.46 -5.88 0.00	149.32 -5.38 0.00	166.18 -6.22 0.00	170.02 -7.01 0.00	185.11 -7.77 0.00	171.86 -7.28 0.00	166.39 -7.25 0.00	160.16 -6.76 0.00	146.54 -6.20 0.00	156.95 -6.70 0.00	157.08 -6.70 0.00
NM_CAPITAL___DRP 24208	242.73 5.10 0.00	216.34 4.83 0.00	182.72 4.83 0.00	203.75 4.42 0.00	193.19 5.04 0.00	222.24 5.31 0.00	269.13 5.17 0.00	386.38 6.53 0.00	347.48 6.61 0.00	233.33 7.29 0.00	182.42 5.54 0.00	176.52 5.68 0.00	184.56 4.86 0.00	164.32 4.98 0.00	159.37 4.67 0.00	177.14 4.75 0.00	181.51 4.48 0.00	197.36 4.49 0.00	183.57 4.42 0.00	178.75 5.11 0.00	173.14 6.22 0.00	158.71 5.97 0.00	170.06 6.41 0.00	169.50 5.72 0.00

NM_CENTRAL___DRP 24181	233.38 -4.26 0.00	207.16 -4.36 0.00	174.70 -3.19 0.00	195.81 -3.52 0.00	185.45 -2.70 0.00	214.54 -2.39 0.00	260.65 -3.31 0.00	375.68 -4.18 0.00	337.98 -2.89 0.00	223.40 -2.63 0.00	174.52 -2.37 0.00	168.12 -2.72 0.00	176.72 -2.98 0.00	156.92 -2.42 0.00	153.02 -1.69 0.00	170.35 -2.06 0.00	174.00 -3.02 0.00	189.33 -3.55 0.00	175.78 -3.37 0.00	170.18 -3.46 0.00	163.69 -3.23 0.00	149.74 -3.00 0.00	160.26 -3.39 0.00	160.24 -3.54 0.00
NM_FRONTIER___DRP 24179	216.86 -20.77 0.00	190.07 -21.45 0.00	161.29 -16.60 0.00	183.45 -15.88 0.00	173.39 -14.76 0.00	203.18 -13.75 0.00	239.74 -24.22 0.00	341.53 -38.32 0.00	312.18 -28.69 0.00	201.72 -24.32 0.00	156.99 -19.90 0.00	150.11 -20.74 0.00	159.45 -20.24 0.00	141.93 -17.41 0.00	138.72 -15.99 0.00	154.02 -18.39 0.00	153.71 -23.32 0.00	166.82 -26.06 0.00	151.25 -24.51 3.39	140.14 -24.86 8.65	122.22 -22.38 22.32	112.16 -20.75 19.83	130.31 -21.05 12.29	143.92 -19.46 0.40
NM_ST_REGIS___HYD 24053	245.89 8.26 0.00	219.47 7.96 0.00	182.92 5.03 0.00	205.90 6.56 0.00	192.01 3.87 0.00	220.71 3.78 0.00	267.82 3.86 0.00	385.25 5.40 0.00	343.58 2.71 0.00	224.86 -1.18 0.00	175.96 -0.93 0.00	169.65 -1.19 0.00	179.67 -0.03 0.00	158.70 -0.64 0.00	153.48 -1.22 0.00	171.63 -0.77 0.00	177.45 0.42 0.00	194.37 1.50 0.00	180.20 1.05 0.00	173.90 0.26 0.00	166.25 -0.67 0.00	152.88 0.15 0.00	165.26 1.61 0.00	166.72 2.95 0.00
NORTHPORT___1 23551	236.25 7.26 8.64	217.42 7.97 2.06	185.08 7.19 0.00	204.41 5.08 0.00	195.12 7.07 0.09	221.54 4.61 0.00	244.58 4.03 23.41	288.32 5.10 96.63	325.03 7.81 23.65	240.60 11.96 -2.60	280.44 12.05 -91.50	186.18 12.57 -2.77	191.19 11.06 -0.43	172.45 11.81 -1.29	167.92 11.95 -1.27	185.60 12.32 -0.88	189.79 11.87 -0.89	228.27 12.60 -22.80	197.48 12.23 -6.11	189.58 12.53 -3.41	179.36 12.12 -0.32	164.58 11.84 0.00	172.82 9.17 0.00	172.25 8.39 -0.08
NORTHPORT___2 23552	236.25 7.26 8.64	217.42 7.97 2.06	185.08 7.19 0.00	204.41 5.08 0.00	195.12 7.07 0.09	221.54 4.61 0.00	244.58 4.03 23.41	288.32 5.10 96.63	325.03 7.81 23.65	240.60 11.96 -2.60	280.44 12.05 -91.50	186.18 12.57 -2.77	191.19 11.06 -0.43	172.45 11.81 -1.29	167.92 11.95 -1.27	185.60 12.32 -0.88	189.79 11.87 -0.89	228.27 12.60 -22.80	197.48 12.23 -6.11	189.58 12.53 -3.41	179.36 12.12 -0.32	164.58 11.84 0.00	172.82 9.17 0.00	172.25 8.39 -0.08
NORTHPORT___3 23553	235.06 6.24 8.81	216.07 6.68 2.13	184.05 6.16 0.00	203.31 3.98 0.00	194.13 6.08 0.09	220.47 3.54 0.00	243.41 2.90 23.46	286.91 3.21 96.16	323.65 6.32 23.54	239.16 10.56 -2.56	278.89 11.08 -90.92	185.15 11.54 -2.77	190.13 10.01 -0.42	171.48 10.89 -1.25	167.05 11.12 -1.23	184.56 11.31 -0.85	188.83 10.94 -0.86	227.16 11.49 -22.80	196.54 11.30 -6.09	188.62 11.58 -3.39	178.48 11.25 -0.31	163.81 11.08 0.00	171.92 8.27 0.00	171.31 7.45 -0.07
NORTHPORT___4 23650	235.06 6.24 8.81	216.07 6.68 2.13	184.05 6.16 0.00	203.31 3.98 0.00	194.13 6.08 0.09	220.47 3.54 0.00	243.41 2.90 23.46	286.91 3.21 96.16	323.65 6.32 23.54	239.16 10.56 -2.56	278.89 11.08 -90.92	185.15 11.54 -2.77	190.13 10.01 -0.42	171.48 10.89 -1.25	167.05 11.12 -1.23	184.56 11.31 -0.85	188.83 10.94 -0.86	227.16 11.49 -22.80	196.54 11.30 -6.09	188.62 11.58 -3.39	178.48 11.25 -0.31	163.81 11.08 0.00	171.92 8.27 0.00	171.31 7.45 -0.07
NORTHPORT___IC 23718	236.09 7.09 8.64	217.40 7.95 2.06	185.11 7.22 0.00	204.41 5.08 0.00	195.15 7.10 0.09	221.54 4.62 0.00	244.61 4.05 23.41	288.34 5.11 96.63	325.06 7.84 23.65	240.60 11.96 -2.60	280.42 12.04 -91.50	186.17 12.56 -2.77	191.18 11.05 -0.43	172.46 11.83 -1.29	167.93 11.96 -1.27	185.59 12.31 -0.88	189.80 11.89 -0.89	228.37 12.70 -22.80	197.59 12.33 -6.11	189.59 12.54 -3.41	179.47 12.23 -0.32	164.65 11.91 0.00	172.84 9.19 0.00	172.25 8.40 -0.08
NORTH___COUNTRY_ESR 323785	240.70 3.08 0.00	215.33 3.81 0.00	179.31 1.42 0.00	201.68 2.35 0.00	188.88 0.73 0.00	218.11 1.18 0.00	266.91 2.95 0.00	383.35 3.50 0.00	342.08 1.21 0.00	224.96 -1.08 0.00	175.61 -1.28 0.00	169.76 -1.08 0.00	179.45 -0.25 0.00	159.14 -0.20 0.00	154.01 -0.69 0.00	172.39 -0.01 0.00	178.17 1.14 0.00	194.85 1.98 0.00	180.82 1.67 0.00	174.83 1.19 0.00	167.14 0.22 0.00	152.28 -0.46 0.00	163.92 0.27 0.00	164.49 0.71 0.00
NPX_GEN_1385_PROXY 323591	231.20 2.20 8.64	214.49 5.04 2.06	182.39 4.51 0.00	201.18 1.86 0.00	190.39 2.33 0.09	129.85 -1.68 85.40	208.11 -3.42 52.43	278.65 -4.58 96.63	303.77 -1.35 35.75	234.25 5.61 -2.60	195.71 7.09 -11.73	181.66 8.04 -2.77	186.15 6.02 -0.43	168.72 8.09 -1.29	161.51 8.22 1.41	104.78 8.30 75.92	17.13 6.96 166.86	223.79 8.11 -22.80	194.13 8.87 -6.11	185.18 8.13 -3.41	175.13 7.89 -0.32	162.34 9.60 0.00	171.47 7.00 -0.82	170.86 7.00 -0.08
NPX_GEN_CSC 323557	240.56 10.60 7.67	221.85 12.03 1.70	188.99 11.10 0.00	207.83 8.50 0.00	198.43 10.37 0.08	219.12 7.58 5.39	246.58 5.28 22.66	292.11 7.32 95.06	328.04 10.49 23.32	243.91 15.03 -2.84	286.48 14.77 -94.82	191.23 17.62 -2.77	196.37 16.16 -0.51	177.15 16.29 -1.51	169.86 16.34 1.19	187.98 17.60 2.01	188.94 17.10 5.19	234.46 18.78 -22.81	201.24 15.88 -6.21	194.92 17.74 -3.54	183.15 15.86 -0.37	167.51 14.77 0.00	174.95 10.48 -0.82	174.41 10.54 -0.09
NSINS_S___GLNS_FALLS 23858	253.21 15.58 0.00	224.59 13.08 0.00	189.60 11.71 0.00	211.72 12.39 0.00	200.81 12.67 0.00	232.05 15.12 0.00	283.45 19.49 0.00	408.19 28.33 0.00	366.16 25.29 0.00	243.42 17.38 0.00	189.98 13.09 0.00	183.19 12.35 0.00	191.62 11.92 0.00	169.59 10.25 0.00	165.34 10.64 0.00	184.99 12.59 0.00	191.88 14.85 0.00	209.34 16.46 0.00	194.76 15.61 0.00	188.87 15.23 0.00	182.29 15.37 0.00	166.44 13.70 0.00	177.31 13.66 0.00	176.39 12.61 0.00
NUCOR_STEEL___DRP 24197	237.47 -0.17 0.00	210.83 -0.69 0.00	177.77 -0.12 0.00	199.25 -0.08 0.00	188.95 0.80 0.00	218.90 1.97 0.00	264.88 0.92 0.00	381.65 1.80 0.00	343.52 2.65 0.00	227.05 1.02 0.00	176.37 -0.52 0.00	170.23 -0.62 0.00	178.34 -1.36 0.00	158.33 -1.01 0.00	154.37 -0.33 0.00	172.09 -0.31 0.00	175.71 -1.31 0.00	191.37 -1.51 0.00	177.73 -1.42 0.00	171.99 -1.65 0.00	165.32 -1.60 0.00	151.26 -1.47 0.00	161.96 -1.69 0.00	162.09 -1.69 0.00
NUMBER_THREE_WT_PWR 323818	247.34 9.71 0.00	220.95 9.43 0.00	185.78 7.90 0.00	208.29 8.96 0.00	196.62 8.47 0.00	227.41 10.48 0.00	277.57 13.61 0.00	398.96 19.10 0.00	357.04 16.17 0.00	234.78 8.74 0.00	183.53 6.64 0.00	176.14 5.30 0.00	184.83 5.13 0.00	163.50 4.15 0.00	159.90 5.20 0.00	179.25 6.85 0.00	183.66 6.63 0.00	200.14 7.26 0.00	185.11 5.97 0.00	177.17 3.53 0.00	168.96 2.04 0.00	152.97 0.24 0.00	162.66 -0.98 0.00	163.70 -0.08 0.00
NYISO_LBMP_REFERENCE 24008	237.63 0.00 0.00	211.52 0.00 0.00	177.89 0.00 0.00	199.33 0.00 0.00	188.14 0.00 0.00	216.93 0.00 0.00	263.96 0.00 0.00	379.85 0.00 0.00	340.87 0.00 0.00	226.04 0.00 0.00	176.89 0.00 0.00	170.84 0.00 0.00	179.70 0.00 0.00	159.34 0.00 0.00	154.70 0.00 0.00	172.40 0.00 0.00	177.03 0.00 0.00	192.88 0.00 0.00	179.15 0.00 0.00	173.64 0.00 0.00	166.92 0.00 0.00	152.74 0.00 0.00	163.65 0.00 0.00	163.78 0.00 0.00

NYPA_BRENTWD____GT 24164	242.28 11.15 6.50	221.48 11.22 1.26	187.90 10.01 0.00	207.57 8.24 0.00	198.32 10.24 0.06	225.29 8.36 0.00	250.97 8.69 21.68	298.65 12.00 93.20	332.19 14.23 22.91	245.55 16.39 -3.12	291.25 15.55 -98.82	189.49 15.88 -2.77	194.80 14.50 -0.60	176.07 14.95 -1.78	171.48 15.02 -1.76	189.33 15.71 -1.22	193.72 15.46 -1.23	232.31 16.61 -22.82	201.37 15.90 -6.32	193.48 16.14 -3.69	182.81 15.45 -0.44	167.43 14.69 0.00	175.63 15.99 0.00	175.00 11.11 -0.11
NYPA_GOWANUS____GT5 24156	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NYPA_GOWANUS____GT6 24157	425.88 12.77 -175.47	383.21 11.80 -159.90	379.49 11.15 -190.46	380.53 10.13 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.33 13.37 -147.99	538.45 19.54 -139.06	505.87 19.36 -145.65	607.05 17.62 -363.40	1952.51 15.56 -1760.06	749.13 15.99 -562.30	731.44 14.45 -537.30	690.98 14.54 -517.11	742.11 14.75 -572.67	625.50 14.78 -438.32	888.37 14.98 -696.36	445.97 15.17 -237.93	631.05 15.07 -436.83	765.88 15.01 -577.22	2179.63 15.29 -1997.42	1588.41 14.44 -1421.23	249.05 13.20 -72.20	230.88 12.26 -54.83
NYPA_HARLEM__RVR__GT1 24160	247.97 10.33 0.00	221.30 9.78 0.00	187.65 9.76 0.00	207.72 8.38 0.00	197.95 9.80 0.00	226.88 9.95 0.00	275.71 11.75 0.00	397.03 17.18 0.00	358.43 17.56 0.00	242.27 16.23 0.00	190.99 14.10 0.00	185.48 14.20 -0.44	192.25 12.55 0.00	172.17 12.82 -0.01	167.79 13.08 -0.01	185.48 13.08 0.00	190.35 13.32 0.00	206.56 13.69 0.00	192.65 13.50 0.00	187.19 13.54 0.00	180.65 13.72 -0.01	165.73 12.98 -0.01	175.32 11.66 0.00	174.61 10.83 0.00
NYPA_HARLEM__RVR__GT2 24161	247.97 10.33 0.00	221.30 9.78 0.00	187.65 9.76 0.00	207.72 8.38 0.00	197.95 9.80 0.00	226.88 9.95 0.00	275.71 11.75 0.00	397.03 17.18 0.00	358.43 17.56 0.00	242.27 16.23 0.00	190.99 14.10 0.00	185.48 14.20 -0.44	192.25 12.55 0.00	172.17 12.82 -0.01	167.79 13.08 -0.01	185.48 13.08 0.00	190.35 13.32 0.00	206.56 13.69 0.00	192.65 13.50 0.00	187.19 13.54 0.00	180.65 13.72 -0.01	165.73 12.98 -0.01	175.32 11.66 0.00	174.61 10.83 0.00
NYPA_KENT____GT 24152	364.84 11.94 -115.27	336.19 11.04 -113.63	298.12 10.61 -109.62	307.31 9.52 -98.46	302.79 10.73 -103.92	319.18 11.10 -91.15	378.17 12.49 -101.71	508.58 18.19 -110.54	475.76 18.13 -116.76	428.75 16.96 -185.75	491.99 15.17 -299.93	340.93 15.57 -154.52	282.18 14.10 -88.38	274.75 14.18 -101.23	249.68 14.37 -80.61	229.27 14.33 -42.53	241.31 14.45 -49.83	248.27 14.54 -40.86	344.57 14.50 -150.92	380.47 14.49 -192.33	663.89 14.81 -482.17	825.51 14.02 -658.76	217.94 12.73 -41.56	207.12 11.78 -31.56
NYPA_POUCH1____GT 24155	425.48 12.38 -175.47	382.98 11.57 -159.90	379.26 10.91 -190.46	380.19 9.78 -171.08	379.74 11.04 -180.56	386.69 11.39 -158.37	424.75 12.79 -147.99	537.60 18.69 -139.06	504.91 18.39 -145.65	532.11 16.84 -289.23	487.38 14.81 -295.68	384.39 15.22 -198.32	292.98 13.62 -99.66	295.94 13.77 -122.84	244.49 14.05 -75.74	210.54 14.05 -24.09	194.52 14.24 -3.25	255.47 14.41 -48.17	430.61 14.35 -237.11	488.89 14.30 -300.95	859.05 14.61 -677.52	1269.00 13.77 -1102.49	248.39 12.54 -72.20	230.34 11.73 -54.83
NYPA_VERNON____GT2 24162	270.11 11.05 -21.43	238.22 10.24 -16.47	216.73 10.06 -28.78	234.08 8.90 -25.85	225.54 10.11 -27.28	251.28 10.41 -23.93	292.05 11.61 -16.48	406.86 16.85 -10.15	368.15 17.00 -10.28	282.94 16.32 -40.58	264.15 14.77 -72.50	227.88 15.22 -41.82	221.17 13.68 -27.78	208.21 13.82 -35.05	198.19 14.01 -29.48	200.72 14.03 -14.29	209.44 14.10 -18.31	219.19 14.16 -12.16	235.45 14.08 -42.22	240.40 14.17 -52.58	319.51 14.51 -138.08	345.62 13.78 -179.11	187.04 12.47 -10.91	183.61 11.54 -8.29
NYPA_VERNON____GT3 24163	270.11 11.05 -21.43	238.22 10.24 -16.47	216.73 10.06 -28.78	234.08 8.90 -25.85	225.54 10.11 -27.28	251.28 10.41 -23.93	292.05 11.61 -16.48	406.86 16.85 -10.15	368.15 17.00 -10.28	282.94 16.32 -40.58	264.15 14.77 -72.50	227.88 15.22 -41.82	221.17 13.68 -27.78	208.21 13.82 -35.05	198.19 14.01 -29.48	200.72 14.03 -14.29	209.44 14.10 -18.31	219.19 14.16 -12.16	235.45 14.08 -42.22	240.40 14.17 -52.58	319.51 14.51 -138.08	345.62 13.78 -179.11	187.04 12.47 -10.91	183.61 11.54 -8.29
NYPA__ASTORIA_CC1 323568	248.20 10.57 0.00	221.40 9.88 0.00	187.71 9.82 0.00	207.92 8.58 0.00	198.02 9.88 0.00	226.99 10.06 0.00	275.12 11.15 0.00	396.01 16.15 0.00	357.19 16.32 0.00	241.98 15.94 0.00	191.74 14.52 -0.34	190.17 14.95 -4.37	195.15 13.37 -2.08	180.10 13.62 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.90 13.87 0.00	206.79 13.91 0.00	194.83 13.90 -1.78	187.59 13.94 0.00	183.68 14.27 -2.49	172.47 13.63 -6.11	175.95 12.30 -0.01	175.17 11.39 0.00
NYPA__ASTORIA_CC2 323569	248.20 10.57 0.00	221.40 9.88 0.00	187.71 9.82 0.00	207.92 8.58 0.00	198.02 9.88 0.00	226.99 10.06 0.00	275.12 11.15 0.00	396.01 16.15 0.00	357.19 16.32 0.00	241.98 15.94 0.00	191.74 14.52 -0.34	190.17 14.95 -4.37	195.15 13.37 -2.08	180.10 13.62 -7.14	175.99 13.86 -7.43	186.21 13.81 0.00	190.90 13.87 0.00	206.79 13.91 0.00	194.83 13.90 -1.78	187.59 13.94 0.00	183.68 14.27 -2.49	172.47 13.63 -6.11	175.95 12.30 -0.01	175.17 11.39 0.00
NYPA__HOLTSVILL 23794	238.56 8.70 7.77	219.03 9.25 1.74	186.57 8.68 0.00	205.85 6.52 0.00	196.63 8.57 0.08	222.88 5.95 0.00	246.47 5.25 22.74	291.47 6.84 95.23	327.16 9.65 23.35	242.74 13.89 -2.81	285.07 13.70 -94.48	188.10 14.49 -2.77	193.29 13.09 -0.50	174.57 13.74 -1.49	170.05 13.88 -1.47	187.94 14.52 -1.02	192.17 14.11 -1.03	230.75 15.06 -22.81	199.53 14.19 -6.20	192.00 14.84 -3.53	181.38 14.09 -0.37	166.22 13.49 0.00	174.03 10.38 0.00	173.43 9.56 -0.09
NYPA__HELLGATE_GT1 24158	247.97 10.33 0.00	221.30 9.78 0.00	187.65 9.76 0.00	207.72 8.38 0.00	197.95 9.80 0.00	226.88 9.95 0.00	275.71 11.75 0.00	397.03 17.18 0.00	358.43 17.56 0.00	242.27 16.23 0.00	190.99 14.10 0.00	185.48 14.20 -0.44	192.25 12.55 0.00	172.17 12.82 -0.01	167.79 13.08 -0.01	185.48 13.08 0.00	190.35 13.32 0.00	206.56 13.69 0.00	192.65 13.50 0.00	187.19 13.54 0.00	180.65 13.72 -0.01	165.73 12.98 -0.01	175.32 11.66 0.00	174.61 10.83 0.00
NYPA__HELLGATE_GT2 24159	247.97 10.33 0.00	221.30 9.78 0.00	187.65 9.76 0.00	207.72 8.38 0.00	197.95 9.80 0.00	226.88 9.95 0.00	275.71 11.75 0.00	397.03 17.18 0.00	358.43 17.56 0.00	242.27 16.23 0.00	190.99 14.10 0.00	185.48 14.20 -0.44	192.25 12.55 0.00	172.17 12.82 -0.01	167.79 13.08 -0.01	185.48 13.08 0.00	190.35 13.32 0.00	206.56 13.69 0.00	192.65 13.50 0.00	187.19 13.54 0.00	180.65 13.72 -0.01	165.73 12.98 -0.01	175.32 11.66 0.00	174.61 10.83 0.00
NYS_BARGE__HYD 23848	220.03 -17.61 0.00	192.99 -18.52 0.00	163.83 -14.06 0.00	186.11 -13.22 0.00	176.10 -12.05 0.00	206.21 -10.72 0.00	243.66 -20.30 0.00	347.40 -32.47 -0.02	317.61 -23.26 0.00	205.35 -20.70 -0.02	159.93 -16.96 -0.01	153.01 -17.83 0.00	162.45 -17.25 0.00	144.69 -14.65 0.00	141.51 -13.19 0.00	157.01 -15.39 0.00	176.34 -20.40 -19.71	553.98 -21.99 -383.09	372.56 -21.22 -214.64	145.24 -21.99 6.41	128.89 -19.58 18.45	117.98 -18.33 16.43	134.78 -18.67 10.20	146.17 -17.28 0.34

OAK ORCHARD___HYD 24046	230.23 -7.40 0.00	203.05 -8.47 0.00	171.68 -6.21 0.00	193.80 -5.53 0.00	183.46 -4.69 0.00	213.78 -3.15 0.00	256.46 -7.50 0.00	367.91 -11.94 0.00	333.75 -7.12 0.00	217.94 -8.10 0.00	169.86 -7.03 0.00	163.12 -7.72 0.00	172.29 -7.41 0.00	153.30 -6.04 0.00	149.71 -4.99 0.00	166.46 -5.94 0.00	170.47 -8.69 -2.14	225.42 -9.06 -41.61	193.66 -9.15 -23.65	163.89 -9.92 -0.18	158.37 -8.80 -0.25	144.33 -8.63 -0.22	154.76 -9.02 -0.13	155.65 -8.13 0.00
OAKDALE___35_KV_LOAD 356122	238.02 0.39 0.00	210.49 -1.02 0.00	177.30 -0.58 0.00	198.72 -0.62 0.00	188.44 0.30 0.00	218.23 1.30 0.00	264.72 0.76 0.00	380.43 0.58 0.00	342.82 1.95 0.00	226.67 0.63 0.00	177.53 0.64 0.00	170.72 -0.12 0.00	179.54 -0.16 0.00	159.87 0.53 0.00	155.85 1.15 0.00	173.15 0.75 0.00	176.35 -0.68 0.00	191.48 -1.40 0.00	178.06 -1.09 0.00	172.43 -1.21 0.00	165.82 -1.11 0.00	152.07 -0.66 0.00	163.25 -0.40 0.00	163.10 -0.68 0.00
OCC_CHEM___DRP 24175	217.24 -20.39 0.00	190.38 -21.13 0.00	161.57 -16.32 0.00	183.77 -15.56 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.14 -23.83 0.00	342.19 -37.66 0.00	312.81 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.33 -20.50 0.00	159.75 -19.95 0.00	142.17 -17.17 0.00	138.97 -15.73 0.00	154.29 -18.12 0.00	153.97 -23.06 0.00	167.16 -25.72 0.00	151.49 -24.25 3.41	140.30 -24.64 8.70	122.25 -22.22 22.46	112.19 -20.60 19.96	130.43 -20.86 12.36	144.15 -19.23 0.40
OH_GEN_PROXY 24063	219.64 -17.99 0.00	192.71 -18.81 0.00	163.38 -14.50 0.00	185.50 -13.84 0.00	175.41 -12.73 0.00	199.98 -11.57 5.39	243.01 -20.95 0.00	346.46 -33.38 0.00	316.27 -24.60 0.00	204.69 -21.34 0.00	159.45 -17.44 0.00	152.56 -18.28 0.00	161.93 -17.77 0.00	144.24 -15.10 0.00	138.22 -13.81 2.68	153.40 -15.95 3.04	146.20 -20.46 10.37	90.22 -22.21 80.45	109.02 -21.50 48.63	143.77 -22.14 7.73	127.48 -19.88 19.56	116.72 -18.64 17.38	134.71 -19.01 9.94	146.21 -17.22 0.35
OLIN_CORP_DRP 24177	217.18 -20.44 0.00	190.42 -21.09 0.00	161.69 -16.20 0.00	183.82 -15.51 0.00	173.78 -14.36 0.00	203.51 -13.42 0.00	240.05 -23.91 0.00	342.00 -37.85 0.00	312.67 -28.20 0.00	202.14 -23.90 0.00	157.32 -19.58 0.00	150.45 -20.39 0.00	159.80 -19.90 0.00	142.22 -17.12 0.00	139.13 -15.57 0.00	154.33 -18.07 0.00	159.10 -23.26 -5.33	270.71 -25.82 -103.65	210.01 -24.58 -55.45	140.18 -25.02 8.44	121.46 -23.15 22.30	111.78 -21.13 19.83	130.44 -20.92 12.29	144.13 -19.24 0.40
OLIN_CORP_DSASP 323712	217.09 -20.54 0.00	190.39 -21.13 0.00	161.59 -16.30 0.00	183.75 -15.58 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.26 -23.70 0.00	342.16 -37.69 0.00	312.80 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.35 -20.50 0.00	159.73 -19.98 0.00	142.24 -17.10 0.00	138.99 -15.71 0.00	154.33 -18.07 0.00	154.02 -23.01 0.00	167.87 -25.01 0.00	151.93 -23.81 3.41	140.52 -24.42 8.70	123.14 -21.33 22.46	112.74 -20.04 19.96	130.56 -20.73 12.36	144.20 -19.17 0.40
ONEIDA_HERK_LFGE 323681	246.48 8.85 0.00	219.57 8.05 0.00	184.76 6.87 0.00	206.92 7.59 0.00	195.69 7.55 0.00	226.23 9.30 0.00	275.81 11.85 0.00	396.72 16.87 0.00	355.64 14.77 0.00	234.65 8.61 0.00	183.31 6.42 0.00	176.25 5.41 0.00	184.99 5.29 0.00	164.00 4.66 0.00	160.23 5.53 0.00	179.18 6.78 0.00	183.62 6.59 0.00	200.25 7.38 0.00	185.58 6.43 0.00	178.76 5.12 0.00	171.42 4.50 0.00	156.05 3.31 0.00	166.38 2.73 0.00	166.71 2.93 0.00
ONEIDA___115KV_TB4 55905	245.68 8.05 0.00	218.60 7.08 0.00	184.13 6.24 0.00	206.16 6.83 0.00	195.34 7.20 0.00	225.90 8.97 0.00	274.29 10.33 0.00	393.37 13.52 0.00	353.09 12.22 0.00	232.45 6.42 0.00	181.07 4.18 0.00	174.14 3.30 0.00	182.79 3.09 0.00	162.34 3.00 0.00	158.87 4.17 0.00	177.67 5.27 0.00	181.98 4.95 0.00	198.29 5.41 0.00	183.80 4.65 0.00	177.61 3.97 0.00	170.68 3.76 0.00	155.82 3.08 0.00	166.32 2.68 0.00	166.25 2.47 0.00
ONONDAGA_REF_OCCRA 23987	235.75 -1.88 0.00	209.20 -2.31 0.00	176.31 -1.58 0.00	197.65 -1.68 0.00	187.25 -0.89 0.00	216.60 -0.33 0.00	263.34 -0.62 0.00	379.48 -0.37 0.00	341.43 0.56 0.00	225.49 -0.55 0.00	176.11 -0.78 0.00	169.59 -1.25 0.00	178.25 -1.45 0.00	158.32 -1.03 0.00	154.41 -0.30 0.00	171.90 -0.50 0.00	175.67 -1.36 0.00	191.16 -1.72 0.00	177.59 -1.56 0.00	171.93 -1.71 0.00	165.31 -1.61 0.00	151.24 -1.50 0.00	161.82 -1.82 0.00	161.78 -2.00 0.00
ONONDAGA___COGEN 23986	235.06 -2.58 0.00	208.66 -2.86 0.00	175.94 -1.94 0.00	197.21 -2.13 0.00	186.75 -1.39 0.00	216.08 -0.86 0.00	262.58 -1.38 0.00	378.65 -1.20 0.00	340.60 -0.27 0.00	224.98 -1.05 0.00	175.65 -1.24 0.00	169.29 -1.56 0.00	177.83 -1.87 0.00	157.91 -1.44 0.00	153.92 -0.79 0.00	171.37 -1.04 0.00	175.15 -1.87 0.00	190.61 -2.27 0.00	177.08 -2.07 0.00	171.41 -2.23 0.00	164.81 -2.11 0.00	150.80 -1.93 0.00	161.39 -2.26 0.00	161.38 -2.40 0.00
ONTARIO___LFGE 23819	236.94 -0.69 0.00	208.71 -2.80 0.00	175.73 -2.16 0.00	197.64 -1.69 0.00	187.71 -0.44 0.00	218.46 1.53 0.00	264.74 0.78 0.00	381.11 1.26 0.00	343.59 2.72 0.00	224.43 -1.61 0.00	174.33 -2.56 0.00	166.90 -3.94 0.00	175.72 -3.98 0.00	156.39 -2.95 0.00	153.48 -1.22 0.00	171.72 -0.68 0.00	174.61 -2.42 0.00	189.93 -2.94 0.00	178.41 -2.92 -2.18	175.59 -3.63 -5.57	177.68 -3.63 -14.39	161.87 -3.60 -12.74	167.62 -3.91 -7.88	160.00 -4.04 -0.26
ORANGEVILLE_WT_PWR 323706	226.05 -11.58 0.00	198.59 -12.92 0.00	168.71 -9.18 0.00	191.33 -8.01 0.00	181.42 -6.72 0.00	211.99 -4.95 0.00	252.82 -11.15 0.00	361.51 -18.34 0.00	328.03 -12.84 0.00	211.75 -14.28 0.00	164.72 -12.17 0.00	157.23 -13.61 0.00	166.54 -13.16 0.00	148.73 -10.61 0.00	146.37 -8.33 0.00	163.25 -9.15 0.00	163.75 -13.28 0.00	177.36 -15.51 0.00	149.38 -15.52 14.25	120.37 -16.88 36.39	57.57 -15.42 93.93	54.49 -14.82 83.42	96.47 -15.51 51.67	147.03 -15.06 1.69
ORANGEVILLE___ESR 323794	226.05 -11.58 0.00	198.59 -12.92 0.00	168.71 -9.18 0.00	191.33 -8.01 0.00	181.42 -6.72 0.00	211.99 -4.95 0.00	252.82 -11.15 0.00	361.51 -18.34 0.00	328.03 -12.84 0.00	211.75 -14.28 0.00	164.72 -12.17 0.00	157.23 -13.61 0.00	166.54 -13.16 0.00	148.73 -10.61 0.00	146.37 -8.33 0.00	163.25 -9.15 0.00	163.75 -13.28 0.00	177.36 -15.51 0.00	149.38 -15.52 14.25	120.37 -16.88 36.39	57.57 -15.42 93.93	54.49 -14.82 83.42	96.47 -15.51 51.67	147.03 -15.06 1.69
OSWEGATCHIE___HYD 24044	245.82 8.19 0.00	219.38 7.87 0.00	183.73 5.84 0.00	206.42 7.09 0.00	193.52 5.38 0.00	222.76 5.83 0.00	270.66 6.70 0.00	389.25 9.40 0.00	347.84 6.97 0.00	228.06 2.02 0.00	178.56 1.67 0.00	171.70 0.85 0.00	181.04 1.34 0.00	159.95 0.60 0.00	155.57 0.87 0.00	174.10 1.70 0.00	179.09 2.06 0.00	195.67 2.80 0.00	181.31 2.16 0.00	174.22 0.58 0.00	166.27 -0.65 0.00	152.14 -0.60 0.00	163.30 -0.35 0.00	164.68 0.90 0.00
OSWEGO___5 23606	230.00 -7.63 0.00	204.43 -7.09 0.00	172.41 -5.47 0.00	193.22 -6.11 0.00	182.84 -5.30 0.00	211.19 -5.74 0.00	256.61 -7.35 0.00	370.14 -9.71 0.00	332.90 -7.97 0.00	220.20 -5.83 0.00	172.09 -4.80 0.00	165.92 -4.92 0.00	174.43 -5.27 0.00	154.72 -4.62 0.00	150.54 -4.16 0.00	167.49 -4.91 0.00	171.23 -5.80 0.00	186.42 -6.46 0.00	173.12 -6.03 0.00	167.59 -6.05 0.00	161.32 -5.60 0.00	147.63 -5.11 0.00	158.14 -5.51 0.00	158.25 -5.52 0.00

OSWEGO___6 23613	230.00 -7.63 0.00	204.43 -7.09 0.00	172.41 -5.47 0.00	193.22 -6.11 0.00	182.84 -5.30 0.00	211.19 -5.74 0.00	256.61 -7.35 0.00	370.14 -9.71 0.00	332.90 -7.97 0.00	220.20 -5.83 0.00	172.09 -4.80 0.00	165.92 -4.92 0.00	174.43 -5.27 0.00	154.72 -4.62 0.00	150.54 -4.16 0.00	167.49 -4.91 0.00	171.23 -5.80 0.00	186.42 -6.46 0.00	173.12 -6.03 0.00	167.59 -6.05 0.00	161.32 -5.60 0.00	147.63 -5.11 0.00	158.14 -5.51 0.00	158.25 -5.52 0.00
OUTOKUMPU-AB___DRP 24206	223.20 -14.43 0.00	195.69 -15.82 0.00	165.96 -11.93 0.00	188.55 -10.78 0.00	178.37 -9.77 0.00	208.98 -7.95 0.00	247.15 -16.81 0.00	352.68 -27.18 0.00	322.41 -18.46 0.00	208.49 -17.55 0.00	162.36 -14.53 0.00	155.28 -15.56 0.00	164.89 -14.81 0.00	146.83 -12.51 0.00	143.64 -11.06 0.00	159.38 -13.02 0.00	165.41 -17.95 -6.33	295.88 -20.04 -123.04	226.32 -19.12 -66.30	144.98 -19.85 8.81	125.47 -18.11 23.34	115.13 -16.86 20.75	133.97 -16.82 12.86	147.94 -15.42 0.42
OXBOW___BTM 323836	220.58 -17.05 0.00	193.43 -18.08 0.00	164.14 -13.75 0.00	186.52 -12.81 0.00	176.41 -11.73 0.00	206.71 -10.22 0.00	244.32 -19.64 0.00	348.30 -31.55 0.00	318.38 -22.49 0.00	205.79 -20.25 0.00	160.25 -16.64 0.00	153.22 -17.62 0.00	162.74 -16.96 0.00	144.92 -14.42 0.00	141.71 -12.99 0.00	157.29 -15.11 0.00	159.95 -20.04 -2.96	228.70 -21.71 -57.53	187.49 -20.83 -29.18	143.22 -21.65 8.77	125.08 -18.90 22.93	114.48 -17.87 20.38	132.61 -18.41 12.63	146.39 -16.97 0.41
OXBOW____ 24026	220.73 -16.90 0.00	193.45 -18.06 0.00	164.09 -13.79 0.00	186.51 -12.82 0.00	176.40 -11.75 0.00	206.70 -10.23 0.00	244.22 -19.74 0.00	348.27 -31.58 0.00	318.32 -22.55 0.00	205.81 -20.23 0.00	160.23 -16.66 0.00	153.23 -17.61 0.00	162.76 -16.94 0.00	144.91 -14.43 0.00	141.67 -13.03 0.00	157.27 -15.13 0.00	159.89 -20.09 -2.96	228.00 -22.41 -57.53	187.11 -21.22 -29.18	143.05 -21.82 8.77	124.21 -19.78 22.93	113.96 -18.40 20.38	132.52 -18.50 12.63	146.35 -17.01 0.41
OXY_CHEM_DSASP 323612	217.24 -20.39 0.00	190.38 -21.13 0.00	161.57 -16.32 0.00	183.77 -15.56 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.14 -23.83 0.00	342.19 -37.66 0.00	312.81 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.33 -20.50 0.00	159.75 -19.95 0.00	142.17 -17.17 0.00	138.97 -15.73 0.00	154.29 -18.12 0.00	153.97 -23.06 0.00	167.16 -25.72 0.00	151.49 -24.25 3.41	140.30 -24.64 8.70	122.25 -22.22 22.46	112.19 -20.60 19.96	130.43 -20.86 12.36	144.15 -19.23 0.40
OZONE_PARK_ESR 323760	251.37 13.74 0.00	223.76 12.25 0.00	189.39 11.50 0.00	209.95 10.61 0.00	199.79 11.65 0.00	229.36 12.43 0.00	278.46 14.50 0.00	401.36 21.51 0.00	362.15 21.28 0.00	244.86 18.83 0.00	193.30 16.41 0.00	187.65 16.80 0.00	195.03 15.33 0.00	174.46 15.12 0.00	169.96 15.26 0.00	188.14 15.74 0.00	192.97 15.94 0.00	209.12 16.25 0.00	195.14 15.99 0.00	189.56 15.91 0.00	183.04 16.12 0.00	167.96 15.22 0.00	177.57 13.92 0.00	176.55 12.77 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	217.24 -20.39 0.00	190.38 -21.13 0.00	161.57 -16.32 0.00	183.77 -15.56 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.14 -23.83 0.00	342.19 -37.66 0.00	312.81 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.33 -20.50 0.00	159.75 -19.95 0.00	142.17 -17.17 0.00	138.97 -15.73 0.00	154.29 -18.12 0.00	153.97 -23.06 0.00	167.16 -25.72 0.00	151.49 -24.25 3.41	140.30 -24.64 8.70	122.25 -22.22 22.46	112.19 -20.60 19.96	130.43 -20.86 12.36	144.15 -19.23 0.40
PACKARD__115KV_DUPONT_184 80571	217.24 -20.39 0.00	190.38 -21.13 0.00	161.57 -16.32 0.00	183.77 -15.56 0.00	173.65 -14.49 0.00	203.54 -13.39 0.00	240.14 -23.83 0.00	342.19 -37.66 0.00	312.81 -28.06 0.00	202.12 -23.92 0.00	157.26 -19.63 0.00	150.33 -20.50 0.00	159.75 -19.95 0.00	142.17 -17.17 0.00	138.97 -15.73 0.00	154.29 -18.12 0.00	153.97 -23.06 0.00	167.16 -25.72 0.00	151.49 -24.25 3.41	140.30 -24.64 8.70	122.25 -22.22 22.46	112.19 -20.60 19.96	130.43 -20.86 12.36	144.15 -19.23 0.40
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	247.82 10.19 0.00	221.06 9.55 0.00	187.40 9.52 0.00	207.35 8.02 0.00	197.70 9.56 0.00	226.59 9.66 0.00	275.31 11.34 0.00	396.23 16.38 0.00	357.69 16.83 0.00	241.78 15.75 0.00	190.62 13.72 0.00	185.35 14.06 -0.45	192.10 12.39 0.00	172.01 12.66 -0.01	167.61 12.90 -0.01	185.28 12.88 0.00	190.17 13.14 0.00	206.29 13.42 0.00	192.50 13.34 0.00	186.97 13.32 0.00	180.50 13.57 -0.01	165.63 12.89 -0.01	175.21 11.56 -0.01	174.49 10.71 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	249.48 11.85 0.00	222.69 11.17 0.00	188.74 10.85 0.00	208.90 9.57 0.00	199.19 11.05 0.00	228.51 11.58 0.00	277.93 13.97 0.00	399.84 19.99 0.00	360.73 19.86 0.00	243.44 17.41 0.00	191.86 14.96 0.00	186.60 15.31 -0.45	193.27 13.56 0.00	173.12 13.76 -0.01	168.46 13.75 -0.01	186.40 14.00 0.00	191.36 14.33 0.00	207.61 14.73 0.00	193.88 14.73 0.00	188.34 14.70 0.00	181.70 14.77 -0.01	166.56 13.81 -0.01	176.27 12.62 -0.01	175.50 11.72 0.00
PATROON__115KV_TB1 80586	243.52 5.89 0.00	217.19 5.67 0.00	183.40 5.52 0.00	204.55 5.22 0.00	193.93 5.78 0.00	223.15 6.22 0.00	270.33 6.37 0.00	388.12 8.27 0.00	349.04 8.17 0.00	234.37 8.33 0.00	183.07 6.18 0.00	177.08 6.24 0.00	185.28 5.58 0.00	164.85 5.51 0.00	159.87 5.17 0.00	177.79 5.39 0.00	182.20 5.17 0.00	198.10 5.22 0.00	184.15 5.00 0.00	179.30 5.66 0.00	173.68 6.76 0.00	159.16 6.43 0.00	170.60 6.96 0.00	170.02 6.23 0.00
PATTRSNVILLE__SOLAR 323815	246.84 9.20 0.00	219.45 7.93 0.00	184.99 7.11 0.00	206.72 7.39 0.00	195.83 7.68 0.00	226.02 9.08 0.00	275.16 11.20 0.00	396.15 16.30 0.00	354.63 13.76 0.00	234.97 8.94 0.00	183.58 6.69 0.00	176.95 6.11 0.00	185.36 5.66 0.00	164.75 5.41 0.00	160.41 5.71 0.00	179.42 7.02 0.00	184.81 7.79 0.00	201.56 8.69 0.00	187.39 8.24 0.00	181.71 8.06 0.00	174.96 8.04 0.00	160.17 7.43 0.00	170.96 7.32 0.00	170.72 6.94 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	227.53 -10.10 0.00	199.29 -12.23 0.00	168.78 -9.11 0.00	191.29 -8.04 0.00	181.15 -6.99 0.00	211.93 -5.00 0.00	251.83 -12.13 0.00	360.15 -19.71 0.00	328.26 -12.61 0.00	212.94 -13.10 0.00	166.20 -10.69 0.00	158.97 -11.87 0.00	168.65 -11.05 0.00	150.60 -8.74 0.00	147.10 -7.61 0.00	163.53 -8.87 0.00	164.82 -13.68 -1.47	205.36 -16.09 -28.58	176.44 -15.15 -12.44	148.58 -15.46 9.60	127.69 -14.32 24.92	117.14 -13.46 22.14	136.86 -13.08 13.71	151.12 -12.21 0.45
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	251.08 13.45 0.00	223.48 11.96 0.00	188.96 11.07 0.00	210.01 10.68 0.00	199.74 11.60 0.00	229.79 12.86 0.00	279.42 15.46 0.00	402.15 22.30 0.00	362.59 21.72 0.00	244.12 18.08 0.00	192.22 15.33 0.00	186.21 15.37 0.00	193.92 14.21 0.00	173.24 13.90 0.00	168.70 14.00 0.00	186.85 14.45 0.00	191.40 14.37 0.00	208.18 15.30 0.00	194.19 15.04 0.00	188.60 14.96 0.00	182.03 15.11 0.00	166.88 14.15 0.00	176.81 13.16 0.00	175.98 12.20 0.00
PEEKSKILL____ 23653	246.45 8.81 0.00	219.48 7.96 0.00	185.55 7.66 0.00	205.95 6.62 0.00	195.86 7.71 0.00	224.78 7.85 0.00	272.79 8.83 0.00	392.88 13.03 0.00	354.30 13.43 0.00	239.06 13.03 0.00	188.56 11.67 0.00	182.85 12.01 0.00	190.12 10.42 0.00	169.96 10.62 0.00	165.62 10.92 0.00	183.31 10.91 0.00	187.86 10.83 0.00	203.94 11.07 0.00	190.21 11.06 0.00	184.74 11.09 0.00	178.42 11.50 0.00	163.78 11.04 0.00	173.56 9.91 0.00	172.86 9.08 0.00

PGE MADISON___WINDPWR 24146	261.34 23.71 0.00	231.65 20.13 0.00	196.26 18.37 0.00	221.26 21.93 0.00	210.47 22.33 0.00	246.98 30.05 0.00	303.44 39.48 0.00	437.33 57.48 0.00	392.72 51.85 0.00	257.16 31.12 0.00	199.51 22.62 0.00	190.76 19.91 0.00	200.41 20.70 0.00	177.68 18.34 0.00	180.09 25.39 0.00	205.08 32.68 0.00	211.40 34.38 0.00	230.85 37.97 0.00	211.66 32.51 0.00	202.68 29.03 0.00	190.66 23.74 0.00	168.80 13.35 -2.71	178.21 11.90 -2.67	175.60 11.74 -0.09
PIERCEFIELD___HYD 23852	245.12 7.49 0.00	218.77 7.25 0.00	182.38 4.50 0.00	205.33 6.00 0.00	191.29 3.14 0.00	219.44 2.51 0.00	265.73 1.77 0.00	382.21 2.36 0.00	340.81 -0.06 0.00	222.91 -3.13 0.00	174.69 -2.20 0.00	168.33 -2.51 0.00	178.40 -1.30 0.00	157.45 -1.89 0.00	152.28 -2.42 0.00	170.08 -2.32 0.00	175.78 -1.25 0.00	192.46 -0.42 0.00	178.46 -0.69 0.00	172.14 -1.51 0.00	164.50 -2.42 0.00	151.76 -0.98 0.00	164.22 0.57 0.00	165.93 2.15 0.00
PINELAWN_CC_1 323563	247.08 9.44 0.00	222.46 9.75 -1.20	186.60 8.71 0.00	206.24 6.91 0.00	198.64 10.49 0.00	224.82 7.89 0.00	254.97 7.51 16.51	305.69 9.47 83.64	331.88 11.87 20.86	245.00 14.41 -4.56	309.69 13.97 -118.83	187.87 14.26 -2.77	193.48 12.72 -1.06	175.59 13.11 -3.13	171.08 13.28 -3.10	188.40 13.85 -2.15	192.84 13.63 -2.18	230.18 14.43 -22.88	199.96 13.91 -6.91	192.33 14.22 -4.47	181.40 13.70 -0.78	165.71 12.97 0.00	174.19 10.54 0.00	173.65 9.68 -0.19
PJM_GEN_HTP_PROXY 323702	248.01 10.38 0.00	220.89 9.37 0.00	186.98 9.10 0.00	207.37 8.04 0.00	197.32 9.18 0.00	226.39 9.46 0.00	274.64 10.68 0.00	395.57 15.72 0.00	350.59 16.03 6.31	241.31 15.27 0.00	190.51 13.62 0.00	186.46 14.03 -1.59	192.20 12.50 0.00	172.03 12.69 0.00	167.60 12.90 0.00	185.37 12.98 0.00	190.01 12.98 0.00	205.94 13.06 0.00	191.98 12.97 0.15	186.61 12.97 0.00	180.21 13.29 0.00	164.27 12.70 1.17	175.34 11.40 -0.30	174.77 10.49 -0.50
PJM_GEN_KEystone 24065	255.00 -0.93 -18.29	209.36 -2.15 0.00	107.52 -1.19 69.18	120.10 -2.03 77.20	115.62 -0.84 71.68	216.38 -0.55 0.00	165.49 -3.01 95.46	374.48 -5.37 0.00	224.43 -2.17 114.27	116.04 -0.57 109.43	177.02 0.60 0.48	170.01 0.42 1.25	115.47 -0.38 63.86	121.33 0.87 38.88	83.54 1.53 72.70	121.83 0.79 51.36	112.35 -1.09 63.59	139.83 -1.96 51.08	164.49 -1.38 13.28	168.47 -1.37 3.80	150.98 -0.59 15.35	136.72 -0.18 15.84	161.12 -0.52 2.00	163.56 -0.64 -0.42
PJM_GEN_NEPTUNE_PROXY 323594	235.80 10.66 12.49	218.47 10.47 3.52	186.98 9.10 0.00	206.90 7.57 0.01	197.60 9.59 0.14	225.08 8.15 0.00	245.38 8.22 26.81	287.64 10.61 102.83	322.20 12.64 31.31	242.25 14.56 -1.65	269.06 13.94 -78.23	189.13 14.14 -4.16	192.47 12.77 0.00	172.50 13.06 -0.10	167.89 13.19 0.00	185.99 13.57 -0.02	190.32 13.29 0.00	218.83 13.73 -12.23	195.35 13.36 -2.84	188.68 13.60 -1.44	180.33 13.41 0.00	164.37 12.80 1.17	174.70 10.76 -0.30	174.13 9.85 -0.50
PJM_GEN_VFT_PROXY 323633	246.67 9.04 0.00	219.78 8.26 0.00	186.07 8.19 0.00	206.17 6.84 0.00	196.35 8.21 0.00	225.07 8.14 0.00	273.00 9.04 0.00	393.19 13.34 0.00	348.20 13.65 6.31	231.29 13.79 8.53	182.64 12.59 6.83	181.37 13.10 2.57	185.22 11.42 5.90	171.06 11.72 0.00	166.68 11.97 0.00	184.37 11.97 0.00	189.16 12.13 0.00	204.91 12.04 0.00	191.12 12.12 0.15	185.75 12.11 0.00	179.44 12.52 0.00	163.59 12.02 1.17	174.54 10.59 -0.30	174.01 9.73 -0.50
PLATSBURG_115KV_PMLD1 355749	242.92 5.29 0.00	216.95 5.43 0.00	180.80 2.91 0.00	202.77 3.44 0.00	190.38 2.24 0.00	220.19 3.26 0.00	270.01 6.05 0.00	387.46 7.61 0.00	345.36 4.49 0.00	227.41 1.37 0.00	177.13 0.24 0.00	171.50 0.66 0.00	180.73 1.03 0.00	160.93 1.59 0.00	155.90 1.20 0.00	174.05 1.65 0.00	179.31 2.28 0.00	195.88 3.01 0.00	182.06 2.91 0.00	176.09 2.45 0.00	168.48 1.56 0.00	153.51 0.78 0.00	165.56 1.91 0.00	165.85 2.07 0.00
PLEASANTVLY___LBMP 24000	245.65 8.02 0.00	218.69 7.17 0.00	184.93 7.04 0.00	205.44 6.11 0.00	195.24 7.10 0.00	224.23 7.30 0.00	272.26 8.30 0.00	391.64 11.79 0.00	352.86 11.98 0.00	237.70 11.66 0.00	187.23 10.33 0.00	181.44 10.60 0.00	189.00 9.30 0.00	168.86 9.52 0.00	164.43 9.73 0.00	182.17 9.77 0.00	186.59 9.56 0.00	202.65 9.77 0.00	188.93 9.78 0.00	183.58 9.94 0.00	177.38 10.46 0.00	162.82 10.09 0.00	172.84 9.19 0.00	172.19 8.41 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	247.54 9.91 0.00	220.38 8.86 0.00	186.43 8.54 0.00	206.96 7.62 0.00	196.79 8.65 0.00	225.97 9.03 0.00	274.32 10.36 0.00	394.77 14.92 0.00	356.07 15.20 0.00	240.38 14.35 0.00	189.57 12.68 0.00	183.76 12.92 0.00	191.22 11.52 0.00	170.93 11.59 0.00	166.56 11.86 0.00	184.33 11.93 0.00	188.89 11.86 0.00	205.09 12.22 0.00	191.28 12.13 0.00	185.78 12.14 0.00	179.42 12.50 0.00	164.69 11.95 0.00	174.43 10.78 0.00	173.70 9.92 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	247.54 9.91 0.00	220.38 8.86 0.00	186.43 8.54 0.00	206.96 7.62 0.00	196.79 8.65 0.00	225.97 9.03 0.00	274.32 10.36 0.00	394.77 14.92 0.00	356.07 15.20 0.00	240.38 14.35 0.00	189.57 12.68 0.00	183.76 12.92 0.00	191.22 11.52 0.00	170.93 11.59 0.00	166.56 11.86 0.00	184.33 11.93 0.00	188.89 11.86 0.00	205.09 12.22 0.00	191.28 12.13 0.00	185.78 12.14 0.00	179.42 12.50 0.00	164.69 11.95 0.00	174.43 10.78 0.00	173.70 9.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	249.13 11.50 0.00	221.63 10.12 0.00	187.34 9.46 0.00	208.23 8.90 0.00	197.94 9.80 0.00	227.64 10.71 0.00	276.96 12.99 0.00	398.67 18.82 0.00	359.20 18.33 0.00	241.52 15.48 0.00	190.10 13.21 0.00	184.02 13.18 0.00	191.80 12.10 0.00	171.28 11.94 0.00	166.81 12.10 0.00	184.85 12.45 0.00	189.30 12.27 0.00	205.86 12.98 0.00	191.87 12.73 0.00	186.34 12.70 0.00	179.94 13.02 0.00	165.01 12.28 0.00	175.10 11.45 0.00	174.37 10.59 0.00
POLETTI___ 23519	247.40 9.77 0.00	220.33 8.81 0.00	186.55 8.66 0.00	206.79 7.46 0.00	196.82 8.68 0.00	225.78 8.85 0.00	273.91 9.95 0.00	394.59 14.74 0.00	356.04 15.17 0.00	240.87 14.83 0.00	190.20 13.31 0.00	184.69 13.85 0.00	191.77 12.07 0.00	171.73 12.38 0.00	167.43 12.72 0.00	185.19 12.78 0.00	190.17 13.14 0.00	205.78 12.90 0.00	192.01 12.86 0.00	186.46 12.82 0.00	180.16 13.24 0.00	165.59 12.85 0.00	174.81 11.16 0.00	173.97 10.19 0.00
POMONA___ESR 323819	245.76 8.13 0.00	218.88 7.36 0.00	184.96 7.07 0.00	205.24 5.91 0.00	195.21 7.07 0.00	224.00 7.07 0.00	272.00 8.04 0.00	391.89 12.04 0.00	353.28 12.41 0.00	238.31 12.27 0.00	188.01 11.12 0.00	182.34 11.50 0.00	189.50 9.80 0.00	169.39 10.05 0.00	165.13 10.43 0.00	182.64 10.24 0.00	187.23 10.20 0.00	203.30 10.42 0.00	189.64 10.49 0.00	184.19 10.55 0.00	177.86 10.94 0.00	163.40 10.66 0.00	173.12 9.47 0.00	172.52 8.74 0.00
PORT_JEFF_3 23555	238.00 8.01 7.64	218.25 8.43 1.69	185.74 7.85 0.00	204.97 5.65 0.00	195.77 7.71 0.08	221.55 4.62 0.00	245.08 3.75 22.63	289.61 4.77 95.01	325.97 8.41 23.30	242.02 13.14 -2.84	284.87 13.07 -94.91	187.50 13.89 -2.77	192.68 12.46 -0.51	174.07 13.20 -1.52	169.52 13.33 -1.50	187.30 13.86 -1.04	191.53 13.45 -1.05	230.19 14.51 -22.81	198.99 13.64 -6.21	191.50 14.32 -3.54	180.83 13.54 -0.38	165.76 13.02 0.00	173.34 9.69 0.00	172.44 8.56 -0.09

PORT_JEFF_4 23616	238.00 8.01 7.64	218.25 8.43 1.69	185.74 7.85 0.00	204.97 5.65 0.00	195.77 7.71 0.08	221.55 4.62 0.00	245.08 3.75 22.63	289.61 4.77 95.01	325.97 8.41 23.30	242.02 13.14 -2.84	284.87 13.07 -94.91	187.50 13.89 -2.77	192.68 12.46 -0.51	174.07 13.20 -1.52	169.52 13.33 -1.50	187.30 13.86 -1.04	191.53 13.45 -1.05	230.19 14.51 -22.81	198.99 13.64 -6.21	191.50 14.32 -3.54	180.83 13.54 -0.38	165.76 13.02 0.00	173.34 9.69 0.00	172.44 8.56 -0.09
PORT_JEFF_IC 23713	238.72 8.53 7.45	219.00 9.10 1.62	186.42 8.54 0.00	205.62 6.29 0.00	196.42 8.35 0.07	221.98 5.05 0.00	245.67 4.18 22.47	290.53 5.35 94.67	327.30 9.67 23.23	242.85 13.92 -2.89	286.20 13.74 -95.57	188.20 14.59 -2.77	193.42 13.20 -0.53	174.76 13.86 -1.57	170.23 13.99 -1.54	188.07 14.60 -1.07	192.31 14.20 -1.08	231.08 15.40 -22.81	199.77 14.40 -6.23	192.22 15.02 -3.57	181.57 14.26 -0.39	166.34 13.60 0.00	173.81 10.16 0.00	172.68 8.81 -0.09
PPL PILGRIM_ST_GT1 24216	242.28 11.15 6.50	221.48 11.22 1.26	187.90 10.01 0.00	207.57 8.24 0.00	198.32 10.24 0.06	225.29 8.36 0.00	250.97 8.69 21.68	298.65 12.00 93.20	332.19 14.23 22.91	245.55 16.39 -3.12	291.25 15.55 -98.82	189.49 15.88 -2.77	194.80 14.50 -0.60	176.07 14.95 -1.78	171.48 15.02 -1.76	189.33 15.71 -1.22	193.72 15.46 -1.23	232.31 16.61 -22.82	201.37 15.90 -6.32	193.48 16.14 -3.69	182.81 15.45 -0.44	167.43 14.69 0.00	175.63 11.99 0.00	175.00 11.11 -0.11
PPL PILGRIM_ST_GT2 24217	242.28 11.15 6.50	221.48 11.22 1.26	187.90 10.01 0.00	207.57 8.24 0.00	198.32 10.24 0.06	225.29 8.36 0.00	250.97 8.69 21.68	298.65 12.00 93.20	332.19 14.23 22.91	245.55 16.39 -3.12	291.25 15.55 -98.82	189.49 15.88 -2.77	194.80 14.50 -0.60	176.07 14.95 -1.78	171.48 15.02 -1.76	189.33 15.71 -1.22	193.72 15.46 -1.23	232.31 16.61 -22.82	201.37 15.90 -6.32	193.48 16.14 -3.69	182.81 15.45 -0.44	167.43 14.69 0.00	175.63 11.99 0.00	175.00 11.11 -0.11
PPL_SHRM_GT3 24213	240.69 10.62 7.57	221.73 11.87 1.66	188.83 10.94 0.00	207.75 8.42 0.00	198.40 10.34 0.08	224.55 7.62 0.00	246.99 5.60 22.57	292.64 7.67 94.89	328.17 10.58 23.28	243.91 15.01 -2.86	286.83 14.76 -95.18	191.01 17.40 -2.77	196.21 15.99 -0.52	177.01 16.13 -1.54	172.39 16.18 -1.51	190.87 17.42 -1.05	195.05 16.96 -1.06	234.35 18.66 -22.81	201.32 15.96 -6.22	194.86 17.66 -3.55	183.19 15.89 -0.38	167.58 14.84 0.00	174.29 10.64 0.00	174.52 10.65 -0.09
PPL_SHRM_GT4 24214	240.69 10.62 7.57	221.73 11.87 1.66	188.83 10.94 0.00	207.75 8.42 0.00	198.40 10.34 0.08	224.55 7.62 0.00	246.99 5.60 22.57	292.64 7.67 94.89	328.17 10.58 23.28	243.91 15.01 -2.86	286.83 14.76 -95.18	191.01 17.40 -2.77	196.21 15.99 -0.52	177.01 16.13 -1.54	172.39 16.18 -1.51	190.87 17.42 -1.05	195.05 16.96 -1.06	234.35 18.66 -22.81	201.32 15.96 -6.22	194.86 17.66 -3.55	183.19 15.89 -0.38	167.58 14.84 0.00	174.29 10.64 0.00	174.52 10.65 -0.09
PROJECT___ORANGE 1 24174	233.56 -4.08 0.00	207.27 -4.25 0.00	174.80 -3.09 0.00	195.88 -3.46 0.00	185.56 -2.59 0.00	214.63 -2.30 0.00	260.85 -3.11 0.00	375.86 -3.99 0.00	338.24 -2.62 0.00	223.55 -2.49 0.00	174.66 -2.23 0.00	168.25 -2.60 0.00	176.85 -2.84 0.00	157.06 -2.29 0.00	153.16 -1.55 0.00	170.50 -1.90 0.00	174.15 -2.88 0.00	189.42 -3.46 0.00	175.93 -3.22 0.00	170.27 -3.37 0.00	163.84 -3.08 0.00	149.84 -2.90 0.00	160.34 -3.31 0.00	160.32 -3.46 0.00
PROJECT___ORANGE 2 24166	233.56 -4.08 0.00	207.27 -4.25 0.00	174.80 -3.09 0.00	195.88 -3.46 0.00	185.56 -2.59 0.00	214.63 -2.30 0.00	260.85 -3.11 0.00	375.86 -3.99 0.00	338.24 -2.62 0.00	223.55 -2.49 0.00	174.66 -2.23 0.00	168.25 -2.60 0.00	176.85 -2.84 0.00	157.06 -2.29 0.00	153.16 -1.55 0.00	170.50 -1.90 0.00	174.15 -2.88 0.00	189.42 -3.46 0.00	175.93 -3.22 0.00	170.27 -3.37 0.00	163.84 -3.08 0.00	149.84 -2.90 0.00	160.34 -3.31 0.00	160.32 -3.46 0.00
PUCKETT___SOLAR 323809	244.38 6.75 0.00	216.04 4.53 0.00	181.71 3.82 0.00	203.95 4.62 0.00	193.82 5.68 0.00	225.15 8.22 0.00	274.15 10.18 0.00	394.29 14.44 0.00	354.51 13.64 0.00	233.16 7.12 0.00	181.84 4.95 0.00	174.42 3.58 0.00	183.16 3.46 0.00	162.92 3.59 0.00	159.84 5.14 0.00	178.65 6.24 0.00	183.30 6.27 0.00	199.36 6.49 0.00	184.93 5.78 0.00	178.78 5.14 0.00	171.27 4.35 0.00	155.92 3.18 0.00	166.85 3.20 0.00	166.74 2.96 0.00
PYRITES___HYD 24023	249.73 12.10 0.00	222.71 11.20 0.00	185.60 7.72 0.00	209.10 9.77 0.00	194.81 6.67 0.00	223.73 6.79 0.00	272.09 8.13 0.00	391.45 11.60 0.00	348.68 7.82 0.00	226.45 0.42 0.00	176.44 -0.45 0.00	169.82 -1.02 0.00	180.28 0.58 0.00	158.92 -0.42 0.00	153.70 -1.01 0.00	172.87 0.47 0.00	179.14 2.12 0.00	196.70 3.83 0.00	182.47 3.32 0.00	176.07 2.43 0.00	168.11 1.19 0.00	154.68 1.94 0.00	167.31 3.67 0.00	169.19 5.41 0.00
QUAKERRD_115KV_BK1 80622	226.42 -11.21 0.00	200.02 -11.49 0.00	168.97 -8.92 0.00	190.45 -8.89 0.00	180.27 -7.87 0.00	209.86 -7.07 0.00	252.47 -11.49 0.00	362.53 -17.32 0.00	328.17 -12.70 0.00	214.82 -11.21 0.00	167.50 -9.39 0.00	160.95 -9.89 0.00	169.88 -9.82 0.00	151.03 -8.31 0.00	147.46 -7.24 0.00	163.99 -8.41 0.00	166.22 -10.81 0.00	181.11 -11.77 0.00	167.73 -11.42 0.00	161.86 -11.77 0.00	155.81 -11.11 0.00	142.18 -10.55 0.00	152.67 -10.97 0.00	153.50 -10.28 0.00
QUEENSBRY_115KV_TB8 356137	254.08 16.45 0.00	225.35 13.83 0.00	190.28 12.39 0.00	212.44 13.11 0.00	201.52 13.37 0.00	232.88 15.95 0.00	284.77 20.81 0.00	409.95 30.11 0.00	367.75 26.88 0.00	244.44 18.40 0.00	190.79 13.90 0.00	183.92 13.08 0.00	192.46 12.75 0.00	170.23 10.88 0.00	165.98 11.28 0.00	185.68 13.28 0.00	192.88 15.85 0.00	210.43 17.55 0.00	195.79 16.64 0.00	189.79 16.15 0.00	183.17 16.25 0.00	167.23 14.50 0.00	178.09 14.44 0.00	177.08 13.29 0.00
RAMAPO___LBMP 323565	245.01 7.38 0.00	218.28 6.76 0.00	184.41 6.52 0.00	204.65 5.31 0.00	194.64 6.50 0.00	223.38 6.45 0.00	271.21 7.25 0.00	390.54 10.69 0.00	352.13 11.27 0.00	237.47 11.43 0.00	187.30 10.41 0.00	181.65 10.80 0.00	188.75 9.05 0.00	168.70 9.36 0.00	164.41 9.71 0.00	181.89 9.48 0.00	186.54 9.51 0.00	202.63 9.75 0.00	188.91 9.76 0.00	183.48 9.84 0.00	177.25 10.33 0.00	162.78 10.04 0.00	172.52 8.87 0.00	171.91 8.13 0.00
RANKINE____ 23646	225.75 -11.88 0.00	197.88 -13.64 0.00	167.89 -10.00 0.00	190.58 -8.75 0.00	180.41 -7.73 0.00	211.21 -5.72 0.00	250.59 -13.37 0.00	357.96 -21.89 0.00	326.52 -14.35 0.00	211.31 -14.73 0.00	164.56 -12.33 0.00	157.33 -13.51 0.00	167.00 -12.70 0.00	148.98 -10.36 0.00	145.75 -8.95 0.00	161.91 -10.49 0.00	161.86 -15.17 0.00	175.35 -17.52 0.00	157.74 -16.95 4.46	144.61 -17.65 11.38	121.07 -16.46 29.38	111.13 -15.50 26.11	132.09 -15.39 16.17	149.19 -14.06 0.53
RAVENSWOOD_GT2_1 24244	248.19 10.57 0.00	221.12 9.60 0.00	187.18 9.30 0.00	207.55 8.22 0.00	197.53 9.39 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.88 16.03 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.72 13.83 0.00	185.31 14.27 -0.20	192.44 12.74 0.00	172.23 12.89 0.00	167.81 13.11 0.00	185.62 13.22 0.00	190.33 13.30 0.00	206.30 13.42 0.00	192.50 13.35 0.00	186.95 13.31 0.00	180.58 13.66 0.00	165.78 13.04 0.00	175.32 11.67 0.00	174.45 10.67 0.00



RAVENSWOOD_GT2_2 24245	248.19 10.57 0.00	221.12 9.60 0.00	187.18 9.30 0.00	207.55 8.22 0.00	197.53 9.39 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.88 16.03 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.72 13.83 0.00	185.31 14.27 -0.20	192.44 12.74 0.00	172.23 12.89 0.00	167.81 13.11 0.00	185.62 13.22 0.00	190.33 13.30 0.00	206.30 13.42 0.00	192.50 13.35 0.00	186.95 13.31 0.00	180.58 13.66 0.00	165.78 13.04 0.00	175.32 11.67 0.00	174.45 10.67 0.00
RAVENSWOOD_GT2_3 24246	248.37 10.74 0.00	221.19 9.67 0.00	187.25 9.37 0.00	207.65 8.32 0.00	197.66 9.51 0.00	226.76 9.82 0.00	275.11 11.14 0.00	396.11 16.26 0.00	357.40 16.54 0.00	241.70 15.66 0.00	190.85 13.96 0.00	185.41 14.37 -0.20	192.53 12.83 0.00	172.35 13.01 0.00	167.94 13.24 0.00	185.72 13.32 0.00	190.48 13.45 0.00	206.41 13.53 0.00	192.59 13.44 0.00	187.09 13.45 0.00	180.69 13.77 0.00	165.87 13.13 0.00	175.37 11.72 0.00	174.56 10.78 0.00
RAVENSWOOD_GT2_4 24247	248.37 10.74 0.00	221.19 9.67 0.00	187.25 9.37 0.00	207.65 8.32 0.00	197.66 9.51 0.00	226.76 9.82 0.00	275.11 11.14 0.00	396.11 16.26 0.00	357.40 16.54 0.00	241.70 15.66 0.00	190.85 13.96 0.00	185.41 14.37 -0.20	192.53 12.83 0.00	172.35 13.01 0.00	167.94 13.24 0.00	185.72 13.32 0.00	190.48 13.45 0.00	206.41 13.53 0.00	192.59 13.44 0.00	187.09 13.45 0.00	180.69 13.77 0.00	165.87 13.13 0.00	175.37 11.72 0.00	174.56 10.78 0.00
RAVENSWOOD_GT3_1 24248	248.19 10.57 0.00	221.13 9.62 0.00	187.18 9.30 0.00	207.57 8.24 0.00	197.53 9.39 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.88 16.03 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.73 13.84 0.00	185.31 14.27 -0.20	192.45 12.75 0.00	172.27 12.93 0.00	167.81 13.11 0.00	185.62 13.22 0.00	190.35 13.32 0.00	206.30 13.42 0.00	192.50 13.35 0.00	186.95 13.31 0.00	180.58 13.66 0.00	165.78 13.04 0.00	175.33 11.68 0.00	174.45 10.67 0.00
RAVENSWOOD_GT3_2 24249	248.19 10.57 0.00	221.13 9.62 0.00	187.18 9.30 0.00	207.57 8.24 0.00	197.53 9.39 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.88 16.03 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.73 13.84 0.00	185.31 14.27 -0.20	192.45 12.75 0.00	172.27 12.93 0.00	167.81 13.11 0.00	185.62 13.22 0.00	190.35 13.32 0.00	206.30 13.42 0.00	192.50 13.35 0.00	186.95 13.31 0.00	180.58 13.66 0.00	165.78 13.04 0.00	175.33 11.68 0.00	174.45 10.67 0.00
RAVENSWOOD_GT3_3 24250	248.63 11.00 0.00	221.47 9.95 0.00	187.48 9.59 0.00	207.85 8.52 0.00	197.84 9.70 0.00	227.01 10.08 0.00	275.37 11.41 0.00	396.58 16.73 0.00	357.86 17.00 0.00	242.02 15.99 0.00	191.09 14.19 0.00	185.71 14.67 -0.20	192.81 13.11 0.00	172.56 13.11 0.00	168.11 13.40 0.00	185.97 13.56 0.00	190.71 13.69 0.00	206.71 13.83 0.00	192.85 13.71 0.00	187.30 13.65 0.00	180.91 13.99 0.00	166.06 13.32 0.00	175.59 11.94 0.00	174.76 10.98 0.00
RAVENSWOOD_GT3_4 24251	248.63 11.00 0.00	221.47 9.95 0.00	187.48 9.59 0.00	207.85 8.52 0.00	197.84 9.70 0.00	227.01 10.08 0.00	275.37 11.41 0.00	396.58 16.73 0.00	357.86 17.00 0.00	242.02 15.99 0.00	191.09 14.19 0.00	185.71 14.67 -0.20	192.81 13.11 0.00	172.56 13.11 0.00	168.11 13.40 0.00	185.97 13.56 0.00	190.71 13.69 0.00	206.71 13.83 0.00	192.85 13.71 0.00	187.30 13.65 0.00	180.91 13.99 0.00	166.06 13.32 0.00	175.59 11.94 0.00	174.76 10.98 0.00
RAVENSWOOD_GT_1 23729	270.08 11.02 -21.43	238.20 10.22 -16.47	216.73 10.07 -28.78	234.03 8.85 -25.85	225.56 10.14 -27.28	251.26 10.40 -23.93	292.09 11.65 -16.48	406.83 16.82 -10.15	368.13 16.97 -10.28	282.93 16.32 -40.58	264.15 14.77 -72.50	227.87 15.21 -41.82	221.12 13.63 -27.78	208.21 13.82 -35.05	198.19 14.01 -29.48	200.72 14.03 -14.29	209.47 14.13 -18.31	219.34 14.30 -12.16	235.56 14.19 -42.22	240.40 14.18 -52.58	319.56 14.56 -138.08	345.70 13.86 -179.11	187.04 12.49 -10.91	183.59 11.53 -8.29
RAVENSWOOD_GT_10 24258	248.19 10.57 0.00	221.12 9.60 0.00	187.17 9.28 0.00	207.50 8.17 0.00	197.50 9.36 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.92 16.07 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.74 13.81 -0.03	185.78 14.24 -0.69	192.61 12.71 -0.21	172.01 12.86 0.19	168.52 13.08 -0.73	185.59 13.19 0.00	190.32 13.29 0.00	206.28 13.40 0.00	192.63 13.30 -0.18	186.95 13.31 0.00	180.81 13.64 -0.25	166.36 13.02 -0.60	175.26 11.62 0.00	174.43 10.65 0.00
RAVENSWOOD_GT_11 24259	248.19 10.57 0.00	221.12 9.60 0.00	187.17 9.28 0.00	207.50 8.17 0.00	197.50 9.36 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.92 16.07 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.74 13.81 -0.03	185.78 14.24 -0.69	192.61 12.71 -0.21	172.01 12.86 0.19	168.52 13.08 -0.73	185.59 13.19 0.00	190.32 13.29 0.00	206.28 13.40 0.00	192.63 13.30 -0.18	186.95 13.31 0.00	180.81 13.64 -0.25	166.36 13.02 -0.60	175.26 11.62 0.00	174.43 10.65 0.00
RAVENSWOOD_GT_4 24252	264.52 10.57 -16.32	233.57 9.51 -12.54	208.98 9.18 -21.91	227.14 8.12 -19.68	218.16 9.25 -20.77	244.76 9.61 -18.22	287.36 10.85 -12.55	403.56 15.98 -7.73	365.05 16.35 -7.83	271.40 15.42 -29.94	226.91 13.68 -36.34	208.89 14.11 -23.93	207.80 12.57 -15.52	186.77 12.72 -14.71	183.68 12.93 -16.04	191.00 13.05 -5.55	195.19 13.14 -5.02	212.95 13.26 -6.82	221.88 13.16 -29.58	223.26 13.14 -36.48	268.55 13.49 -88.14	297.89 12.88 -132.28	183.44 11.48 -8.31	180.59 10.50 -6.31
RAVENSWOOD_GT_5 24254	264.52 10.57 -16.32	233.57 9.51 -12.54	208.98 9.18 -21.91	227.14 8.12 -19.68	218.16 9.25 -20.77	244.76 9.61 -18.22	287.36 10.85 -12.55	403.56 15.98 -7.73	365.05 16.35 -7.83	271.40 15.42 -29.94	226.91 13.68 -36.34	208.89 14.11 -23.93	207.80 12.57 -15.52	186.77 12.72 -14.71	183.68 12.93 -16.04	191.00 13.05 -5.55	195.19 13.14 -5.02	212.95 13.26 -6.82	221.88 13.16 -29.58	223.26 13.14 -36.48	268.55 13.49 -88.14	297.89 12.88 -132.28	183.44 11.48 -8.31	180.59 10.50 -6.31
RAVENSWOOD_GT_6 24253	264.52 10.57 -16.32	233.57 9.51 -12.54	208.98 9.18 -21.91	227.14 8.12 -19.68	218.16 9.25 -20.77	244.76 9.61 -18.22	287.36 10.85 -12.55	403.56 15.98 -7.73	365.05 16.35 -7.83	271.40 15.42 -29.94	226.91 13.68 -36.34	208.89 14.11 -23.93	207.80 12.57 -15.52	186.77 12.72 -14.71	183.68 12.93 -16.04	191.00 13.05 -5.55	195.19 13.14 -5.02	212.95 13.26 -6.82	221.88 13.16 -29.58	223.26 13.14 -36.48	268.55 13.49 -88.14	297.89 12.88 -132.28	183.44 11.48 -8.31	180.59 10.50 -6.31
RAVENSWOOD_GT_7 24255	264.52 10.57 -16.32	233.57 9.51 -12.54	208.98 9.18 -21.91	227.14 8.12 -19.68	218.16 9.25 -20.77	244.76 9.61 -18.22	287.36 10.85 -12.55	403.56 15.98 -7.73	365.05 16.35 -7.83	271.40 15.42 -29.94	226.91 13.68 -36.34	208.89 14.11 -23.93	207.80 12.57 -15.52	186.77 12.72 -14.71	183.68 12.93 -16.04	191.00 13.05 -5.55	195.19 13.14 -5.02	212.95 13.26 -6.82	221.88 13.16 -29.58	223.26 13.14 -36.48	268.55 13.49 -88.14	297.89 12.88 -132.28	183.44 11.48 -8.31	180.59 10.50 -6.31
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	248.19 10.57 0.00	221.12 9.60 0.00	187.17 9.28 0.00	207.50 8.17 0.00	197.50 9.36 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.92 16.07 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.74 13.81 -0.03	185.78 14.24 -0.69	192.61 12.71 -0.21	172.01 12.86 0.19	168.52 13.08 -0.73	185.59 13.19 0.00	190.32 13.29 0.00	206.28 13.40 0.00	192.63 13.30 -0.18	186.95 13.31 0.00	180.81 13.64 -0.25	166.36 13.02 -0.60	175.26 11.62 0.00	174.43 10.65 0.00

RAVENSWOOD_GT_9 24257	248.19 10.57 0.00	221.12 9.60 0.00	187.17 9.28 0.00	207.50 8.17 0.00	197.50 9.36 0.00	226.59 9.66 0.00	274.89 10.92 0.00	395.92 16.07 0.00	357.18 16.31 0.00	241.55 15.51 0.00	190.74 13.81 -0.03	185.78 14.24 -0.69	192.61 12.71 -0.21	172.01 12.86 0.19	168.52 13.08 -0.73	185.59 13.19 0.00	190.32 13.29 0.00	206.28 13.40 0.00	192.63 13.30 -0.18	186.95 13.31 0.00	180.81 13.64 -0.25	166.36 13.02 -0.60	175.26 11.62 0.00	174.43 10.65 0.00
RAVENSWOOD___1 23533	248.64 11.00 0.00	221.68 10.17 0.00	187.90 10.02 0.00	208.18 8.85 0.00	198.24 10.10 0.00	227.28 10.34 0.00	275.55 11.58 0.00	396.57 16.72 0.00	357.70 16.83 0.00	243.20 16.20 -0.96	210.87 14.70 -19.28	195.50 15.16 -9.49	201.06 13.62 -7.74	185.37 13.79 -12.24	182.52 13.97 -13.85	191.75 14.00 -5.36	200.08 14.08 -8.97	209.47 14.14 -2.45	197.59 14.08 -4.36	191.34 14.12 -3.58	200.91 14.43 -19.56	176.70 13.74 -10.22	176.08 12.43 -0.01	175.25 11.47 0.00
RAVENSWOOD___2 23534	247.51 9.88 0.00	220.62 9.11 0.00	187.53 9.64 0.00	207.77 8.43 0.00	197.87 9.73 0.00	226.52 9.59 0.00	274.15 10.19 0.00	393.97 14.12 0.00	354.94 14.07 0.00	241.70 14.72 -0.95	209.84 13.83 -19.12	194.84 14.53 -9.47	200.63 13.23 -7.70	185.00 13.47 -12.19	182.19 13.66 -13.82	191.38 13.66 -5.32	199.66 13.74 -8.89	209.08 13.77 -2.43	197.26 13.77 -4.34	191.02 13.83 -3.55	200.45 14.11 -19.42	176.40 13.45 -10.21	175.79 12.14 -0.01	174.98 11.20 0.00
RAVENSWOOD___3 23535	248.22 10.59 0.00	221.14 9.62 0.00	187.16 9.27 0.00	207.57 8.24 0.00	197.56 9.42 0.00	226.61 9.68 0.00	274.88 10.92 0.00	395.91 16.06 0.00	357.21 16.35 0.00	241.56 15.53 0.00	190.74 13.84 0.00	185.33 14.29 -0.20	192.49 12.79 0.00	172.27 12.93 0.00	167.81 13.11 0.00	185.63 13.23 0.00	190.33 13.30 0.00	206.20 13.32 0.00	192.41 13.26 0.00	186.95 13.31 0.00	180.49 13.57 0.00	165.71 12.98 0.00	175.29 11.64 0.00	174.45 10.67 0.00
RAVENSWOOD___4 23820	227.40 10.88 21.10	205.41 10.11 16.22	159.52 9.97 28.34	182.67 8.80 25.46	171.36 10.08 26.87	203.64 10.27 23.57	259.20 11.46 16.23	386.42 16.57 10.00	347.47 16.73 10.13	203.46 16.15 38.72	145.19 14.63 46.33	160.48 15.08 25.44	177.34 13.57 15.93	159.25 13.69 13.79	162.58 13.87 5.99	179.18 13.96 7.17	184.61 14.07 6.49	198.19 14.13 8.81	158.51 14.08 34.72	140.57 14.10 47.17	72.26 14.38 109.04	7.50 13.70 158.94	165.29 12.38 10.74	167.08 11.46 8.16
RCPI_TRUST___DRP 24196	248.40 10.77 0.00	221.21 9.69 0.00	187.30 9.41 0.00	207.70 8.37 0.00	197.66 9.51 0.00	226.81 9.88 0.00	275.11 11.14 0.00	396.14 16.29 0.00	357.49 16.63 0.00	241.72 15.68 0.00	190.88 13.99 0.00	185.59 14.44 -0.31	192.68 12.98 0.00	172.48 13.14 0.00	167.98 13.28 0.00	185.78 13.38 0.00	190.38 13.35 0.00	206.41 13.53 0.00	192.51 13.37 0.00	186.96 13.32 0.00	180.60 13.68 0.00	165.79 13.06 0.00	175.36 11.71 0.00	174.53 10.75 0.00
RED___ROCHESTER 323720	232.22 -5.41 0.00	204.73 -6.79 0.00	173.10 -4.79 0.00	195.39 -3.94 0.00	184.93 -3.21 0.00	215.56 -1.37 0.00	258.72 -5.24 0.00	371.29 -8.56 0.00	336.92 -3.94 0.00	220.04 -6.00 0.00	171.60 -5.29 0.00	164.74 -6.10 0.00	174.04 -5.66 0.00	154.91 -4.44 0.00	151.26 -3.44 0.00	168.17 -4.23 0.00	171.72 -7.00 -1.70	218.75 -7.13 -33.01	190.60 -7.31 -18.76	165.60 -8.19 -0.14	159.93 -7.18 -0.20	145.67 -7.24 -0.17	156.17 -7.59 -0.10	157.03 -6.75 0.00
REGAN___SOLAR 323812	255.48 17.85 0.00	227.02 15.50 0.00	191.16 13.27 0.00	214.02 14.68 0.00	202.72 14.58 0.00	234.73 17.80 0.00	286.90 22.94 0.00	413.89 34.03 0.00	369.00 28.13 0.00	242.05 16.01 0.00	187.97 11.08 0.00	180.47 9.62 0.00	189.03 9.33 0.00	167.91 8.57 0.00	163.69 8.99 0.00	184.45 12.05 0.00	191.15 14.12 0.00	209.24 16.36 0.00	194.38 15.23 0.00	187.95 14.31 0.00	180.37 13.45 0.00	164.87 12.13 0.00	175.77 12.13 0.00	175.56 11.78 0.00
RENSSELAER___COGEN 23796	242.07 4.44 0.00	215.92 4.41 0.00	182.35 4.46 0.00	203.35 4.02 0.00	192.76 4.62 0.00	221.73 4.80 0.00	268.51 4.55 0.00	385.30 5.45 0.00	346.44 5.58 0.00	232.75 6.71 0.00	181.79 4.90 0.00	175.88 5.04 0.00	183.98 4.28 0.00	163.73 4.39 0.00	158.73 4.03 0.00	176.42 4.02 0.00	180.78 3.76 0.00	196.51 3.63 0.00	182.79 3.64 0.00	178.05 4.41 0.00	172.40 5.48 0.00	158.13 5.39 0.00	169.58 5.93 0.00	169.06 5.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	265.05 27.41 0.00	234.60 23.09 0.00	198.41 20.53 0.00	221.51 22.17 0.00	210.23 22.09 0.00	243.28 26.35 0.00	299.97 36.01 0.00	432.67 52.82 0.00	386.12 45.25 0.00	254.91 28.88 0.00	198.43 21.54 0.00	191.15 20.31 0.00	200.06 20.36 0.00	176.82 17.47 0.00	172.59 17.88 0.00	194.67 22.27 0.00	203.82 26.80 0.00	223.02 30.14 0.00	207.43 28.28 0.00	200.74 27.10 0.00	193.35 26.43 0.00	176.49 23.75 0.00	187.39 23.74 0.00	185.87 22.09 0.00
REVERE_CPDR_DRP 24186	249.31 11.69 0.00	221.72 10.21 0.00	186.63 8.74 0.00	208.97 9.63 0.00	197.85 9.70 0.00	229.07 12.14 0.00	278.89 14.93 0.00	400.56 20.71 0.00	359.30 18.43 0.00	236.43 10.39 0.00	184.19 7.30 0.00	176.96 6.12 0.00	185.69 5.99 0.00	164.86 5.52 0.00	161.61 6.91 0.00	180.88 8.48 0.00	185.27 8.24 0.00	202.18 9.31 0.00	187.22 8.07 0.00	180.66 7.02 0.00	173.41 6.49 0.00	158.15 5.41 0.00	168.56 4.92 0.00	168.65 4.87 0.00
REYNOLDS_115KV_TB3 80639	242.58 4.95 0.00	216.08 4.56 0.00	182.54 4.66 0.00	203.53 4.20 0.00	192.97 4.83 0.00	221.96 5.03 0.00	268.81 4.85 0.00	385.94 6.09 0.00	347.14 6.27 0.00	233.08 7.05 0.00	182.38 5.50 0.00	176.51 5.67 0.00	184.48 4.78 0.00	164.28 4.94 0.00	159.45 4.74 0.00	177.30 4.90 0.00	181.60 4.57 0.00	197.46 4.58 0.00	183.73 4.58 0.00	178.79 5.15 0.00	173.18 6.26 0.00	158.75 6.01 0.00	170.00 6.35 0.00	169.43 5.65 0.00
RIVERBAY____ 323610	249.48 11.85 0.00	222.69 11.17 0.00	188.74 10.85 0.00	208.90 9.57 0.00	199.19 11.05 0.00	228.51 11.58 0.00	277.93 13.97 0.00	399.84 19.99 0.00	360.73 19.86 0.00	243.44 17.41 0.00	191.86 14.96 0.00	186.60 15.31 -0.45	193.27 13.56 0.00	173.12 13.76 -0.01	168.46 13.75 -0.01	186.40 14.00 0.00	191.36 14.33 0.00	207.61 14.73 0.00	193.88 14.73 0.00	188.34 14.70 0.00	181.70 14.77 -0.01	166.56 13.81 -0.01	176.27 12.62 -0.01	175.50 11.72 0.00
RIVERSIDE_115KV_TB3 55908	242.73 5.10 0.00	216.34 4.83 0.00	182.72 4.83 0.00	203.75 4.42 0.00	193.19 5.04 0.00	222.24 5.31 0.00	269.13 5.17 0.00	386.38 6.53 0.00	347.48 6.61 0.00	233.33 7.29 0.00	182.42 5.54 0.00	176.52 5.68 0.00	184.56 4.86 0.00	164.32 4.98 0.00	159.37 4.67 0.00	177.14 4.75 0.00	181.51 4.48 0.00	197.36 4.49 0.00	183.57 4.42 0.00	178.75 5.11 0.00	173.14 6.22 0.00	158.71 5.97 0.00	170.06 6.41 0.00	169.50 5.72 0.00
ROARING___BROOK_WT_PWR 323790	237.78 0.15 0.00	212.30 0.78 0.00	178.20 0.31 0.00	199.90 0.57 0.00	188.33 0.19 0.00	217.23 0.30 0.00	264.40 0.44 0.00	380.23 0.37 0.00	340.66 -0.21 0.00	225.70 -0.34 0.00	176.51 -0.39 0.00	170.24 -0.60 0.00	178.92 -0.77 0.00	158.78 -0.57 0.00	154.18 -0.53 0.00	172.15 -0.25 0.00	176.94 -0.09 0.00	192.72 -0.16 0.00	178.49 -0.66 0.00	172.25 -1.39 0.00	164.33 -2.59 0.00	149.46 -3.28 0.00	160.87 -2.78 0.00	161.93 -1.85 0.00

ROCHESRG_115KV_T4 355643	229.12 -8.51 0.00	202.02 -9.50 0.00	170.79 -7.10 0.00	192.80 -6.53 0.00	182.45 -5.69 0.00	212.57 -4.36 0.00	254.89 -9.08 0.00	365.63 -14.22 0.00	331.62 -9.25 0.00	216.65 -9.39 0.00	168.90 -7.99 0.00	162.18 -8.66 0.00	171.30 -8.40 0.00	152.38 -6.96 0.00	148.79 -5.92 0.00	165.39 -7.01 0.00	168.53 -9.78 -1.28	207.12 -10.66 -24.90	182.26 -10.47 -13.59	161.25 -11.04 1.35	153.08 -10.23 3.61	139.78 -9.73 3.22	151.78 -9.87 2.00	154.79 -8.92 0.07
ROCHESTER_9_IC 23652	230.79 -6.85 0.00	203.46 -8.05 0.00	172.00 -5.88 0.00	194.20 -5.13 0.00	183.77 -4.37 0.00	214.18 -2.75 0.00	256.91 -7.05 0.00	368.70 -11.15 0.00	334.48 -6.38 0.00	218.46 -7.58 0.00	170.32 -6.57 0.00	163.50 -7.34 0.00	172.72 -6.98 0.00	153.70 -5.64 0.00	150.11 -4.59 0.00	166.89 -5.51 0.00	170.38 -8.34 -1.70	216.86 -9.03 -33.01	188.94 -8.98 -18.77	164.15 -9.64 -0.14	158.24 -8.88 -0.20	144.31 -8.60 -0.17	155.06 -8.70 -0.10	155.98 -7.81 0.00
ROCKVIEW_13_KV_LD 356306	248.66 11.03 0.00	221.37 9.85 0.00	187.27 9.38 0.00	207.80 8.47 0.00	197.64 9.50 0.00	226.92 9.99 0.00	275.42 11.45 0.00	396.61 16.76 0.00	357.76 16.90 0.00	241.63 15.59 0.00	190.75 13.86 0.00	185.25 14.14 -0.26	192.41 12.71 0.00	172.09 12.74 0.00	167.64 12.94 0.00	185.53 13.13 0.00	190.11 13.08 0.00	206.46 13.58 0.00	192.49 13.34 0.00	186.98 13.34 0.00	180.56 13.64 0.00	165.72 12.99 0.00	175.36 11.71 0.00	174.56 10.78 0.00
ROME____115KV_TB2 80656	249.31 11.69 0.00	221.72 10.21 0.00	186.63 8.74 0.00	208.97 9.63 0.00	197.85 9.70 0.00	229.07 12.14 0.00	278.89 14.93 0.00	400.56 20.71 0.00	359.30 18.43 0.00	236.43 10.39 0.00	184.19 7.30 0.00	176.96 6.12 0.00	185.69 5.99 0.00	164.86 5.52 0.00	161.61 6.91 0.00	180.88 8.48 0.00	185.27 8.24 0.00	202.18 9.31 0.00	187.22 8.07 0.00	180.66 7.02 0.00	173.41 6.49 0.00	158.15 5.41 0.00	168.56 4.92 0.00	168.65 4.87 0.00
ROSETON___1 23587	244.85 7.22 0.00	217.98 6.47 0.00	184.25 6.36 0.00	204.70 5.36 0.00	194.54 6.39 0.00	223.39 6.46 0.00	271.26 7.30 0.00	390.37 10.51 0.00	351.67 10.81 0.00	236.90 10.87 0.00	186.58 9.69 0.00	180.86 10.02 0.00	188.36 8.66 0.00	168.27 8.93 0.00	163.89 9.19 0.00	181.50 9.10 0.00	185.90 8.88 0.00	201.86 8.98 0.00	188.21 9.06 0.00	182.88 9.24 0.00	176.62 9.70 0.00	162.17 9.44 0.00	172.13 8.49 0.00	171.52 7.74 0.00
ROSETON___2 23588	244.85 7.22 0.00	217.98 6.47 0.00	184.25 6.36 0.00	204.70 5.36 0.00	194.54 6.39 0.00	223.39 6.46 0.00	271.26 7.30 0.00	390.37 10.51 0.00	351.67 10.81 0.00	236.90 10.87 0.00	186.58 9.69 0.00	180.86 10.02 0.00	188.36 8.66 0.00	168.27 8.93 0.00	163.89 9.19 0.00	181.50 9.10 0.00	185.90 8.88 0.00	201.86 8.98 0.00	188.21 9.06 0.00	182.88 9.24 0.00	176.62 9.70 0.00	162.17 9.44 0.00	172.13 8.49 0.00	171.52 7.74 0.00
ROTRDAM_115KV_TB3 80664	244.23 6.60 0.00	217.16 5.64 0.00	183.15 5.26 0.00	204.53 5.20 0.00	193.77 5.63 0.00	223.39 6.46 0.00	271.53 7.57 0.00	390.65 10.80 0.00	350.69 9.82 0.00	233.76 7.72 0.00	183.01 6.12 0.00	176.78 5.94 0.00	185.18 5.48 0.00	164.71 5.36 0.00	160.18 5.48 0.00	178.37 5.97 0.00	183.12 6.09 0.00	199.39 6.51 0.00	185.47 6.32 0.00	180.02 6.38 0.00	173.61 6.69 0.00	158.99 6.26 0.00	169.79 6.14 0.00	169.44 5.66 0.00
RUSSELL___1 23602	232.31 -5.32 0.00	204.73 -6.78 0.00	173.07 -4.82 0.00	195.40 -3.94 0.00	184.93 -3.22 0.00	215.57 -1.36 0.00	258.69 -5.28 0.00	371.33 -8.52 0.00	336.93 -3.94 0.00	220.06 -5.98 0.00	171.58 -5.31 0.00	164.74 -6.10 0.00	174.05 -5.65 0.00	154.88 -4.46 0.00	151.26 -3.44 0.00	168.15 -4.25 0.00	171.71 -7.02 -1.70	218.34 -7.54 -33.01	190.32 -7.59 -18.76	165.49 -8.29 -0.14	159.43 -7.69 -0.20	145.36 -7.55 -0.17	156.12 -7.63 -0.10	157.02 -6.77 0.00
RUSSELL___2 23532	232.31 -5.32 0.00	204.73 -6.78 0.00	173.07 -4.82 0.00	195.40 -3.94 0.00	184.93 -3.22 0.00	215.57 -1.36 0.00	258.69 -5.28 0.00	371.33 -8.52 0.00	336.93 -3.94 0.00	220.06 -5.98 0.00	171.58 -5.31 0.00	164.74 -6.10 0.00	174.05 -5.65 0.00	154.88 -4.46 0.00	151.26 -3.44 0.00	168.15 -4.25 0.00	171.71 -7.02 -1.70	218.34 -7.54 -33.01	190.32 -7.59 -18.76	165.49 -8.29 -0.14	159.43 -7.69 -0.20	145.36 -7.55 -0.17	156.12 -7.63 -0.10	157.02 -6.77 0.00
RUSSELL___3 23549	232.31 -5.32 0.00	204.73 -6.78 0.00	173.07 -4.82 0.00	195.40 -3.94 0.00	184.93 -3.22 0.00	215.57 -1.36 0.00	258.69 -5.28 0.00	371.33 -8.52 0.00	336.93 -3.94 0.00	220.06 -5.98 0.00	171.58 -5.31 0.00	164.74 -6.10 0.00	174.05 -5.65 0.00	154.88 -4.46 0.00	151.26 -3.44 0.00	168.15 -4.25 0.00	171.71 -7.02 -1.70	218.34 -7.54 -33.01	190.32 -7.59 -18.76	165.49 -8.29 -0.14	159.43 -7.69 -0.20	145.36 -7.55 -0.17	156.12 -7.63 -0.10	157.02 -6.77 0.00
RUSSELL___4 23556	232.31 -5.32 0.00	204.73 -6.78 0.00	173.07 -4.82 0.00	195.40 -3.94 0.00	184.93 -3.22 0.00	215.57 -1.36 0.00	258.69 -5.28 0.00	371.33 -8.52 0.00	336.93 -3.94 0.00	220.06 -5.98 0.00	171.58 -5.31 0.00	164.74 -6.10 0.00	174.05 -5.65 0.00	154.88 -4.46 0.00	151.26 -3.44 0.00	168.15 -4.25 0.00	171.71 -7.02 -1.70	218.34 -7.54 -33.01	190.32 -7.59 -18.76	165.49 -8.29 -0.14	159.43 -7.69 -0.20	145.36 -7.55 -0.17	156.12 -7.63 -0.10	157.02 -6.77 0.00
RUSSELL___STATION 23914	232.31 -5.32 0.00	204.73 -6.78 0.00	173.07 -4.82 0.00	195.40 -3.94 0.00	184.93 -3.22 0.00	215.57 -1.36 0.00	258.69 -5.28 0.00	371.33 -8.52 0.00	336.93 -3.94 0.00	220.06 -5.98 0.00	171.58 -5.31 0.00	164.74 -6.10 0.00	174.05 -5.65 0.00	154.88 -4.46 0.00	151.26 -3.44 0.00	168.15 -4.25 0.00	171.71 -7.02 -1.70	218.34 -7.54 -33.01	190.32 -7.59 -18.76	165.49 -8.29 -0.14	159.43 -7.69 -0.20	145.36 -7.55 -0.17	156.12 -7.63 -0.10	157.02 -6.77 0.00
S SALMON___HYD 24043	236.32 -1.31 0.00	210.15 -1.37 0.00	177.10 -0.78 0.00	198.54 -0.80 0.00	187.89 -0.25 0.00	217.44 0.51 0.00	265.13 1.17 0.00	382.27 2.42 0.00	343.46 2.60 0.00	226.55 0.51 0.00	177.02 0.13 0.00	170.33 -0.51 0.00	178.95 -0.75 0.00	158.57 -0.77 0.00	154.69 -0.01 0.00	172.70 0.30 0.00	176.50 -0.52 0.00	192.28 -0.59 0.00	178.52 -0.63 0.00	172.00 -1.65 0.00	164.86 -2.06 0.00	150.18 -2.56 0.00	160.15 -3.50 0.00	160.28 -3.50 0.00
S.PERRY__115KV_TB1 80734	240.65 3.02 0.00	211.29 -0.23 0.00	179.19 1.30 0.00	202.94 3.60 0.00	192.57 4.43 0.00	221.38 4.45 0.00	260.28 -3.68 0.00	375.47 -4.38 0.00	339.09 -1.78 0.00	218.88 -7.15 0.00	170.66 -6.23 0.00	162.63 -8.21 0.00	171.17 -8.52 0.00	152.79 -6.55 0.00	151.33 -3.38 0.00	169.40 -3.00 0.00	171.69 -5.34 0.00	187.23 -5.64 0.00	187.67 -6.17 -14.69	203.65 -7.52 -37.53	262.85 -0.94 -96.86	235.94 -2.77 -85.98	213.61 -3.27 -53.24	162.36 -3.17 -1.75
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	222.95 -14.68 0.00	195.46 -16.05 0.00	165.81 -12.07 0.00	188.39 -10.95 0.00	178.17 -9.97 0.00	208.69 -8.23 0.00	247.05 -16.91 0.00	352.54 -27.31 0.00	321.88 -18.98 0.00	208.24 -17.80 0.00	162.12 -14.77 0.00	154.97 -15.87 0.00	164.59 -15.11 0.00	146.65 -12.69 0.00	143.46 -11.24 0.00	159.31 -13.09 0.00	157.25 -17.76 2.01	133.64 -20.14 39.10	133.24 -19.42 26.48	142.61 -19.99 11.03	120.11 -18.52 28.29	110.28 -17.33 25.13	130.81 -17.27 15.56	147.68 -15.59 0.51

SAWYER___23_KV_LOAD 55526	222.95 -14.68 0.00	195.46 -16.05 0.00	165.81 -12.07 0.00	188.39 -10.95 0.00	178.17 -9.97 0.00	208.69 -8.23 0.00	247.05 -16.91 0.00	352.54 -27.31 0.00	321.88 -18.98 0.00	208.24 -17.80 0.00	162.12 -14.77 0.00	154.97 -15.87 0.00	164.59 -15.11 0.00	146.65 -12.69 0.00	143.46 -11.24 0.00	159.31 -13.09 0.00	157.25 -17.76 2.01	133.64 -20.14 39.10	133.24 -19.42 26.48	142.61 -19.99 11.03	120.11 -18.52 28.29	110.28 -17.33 25.13	130.81 -17.27 15.56	147.68 -15.59 0.51
SELKIRK___I 23801	243.37 5.74 0.00	216.76 5.25 0.00	182.94 5.05 0.00	204.17 4.84 0.00	193.53 5.39 0.00	222.84 5.91 0.00	270.15 6.19 0.00	387.74 7.89 0.00	348.31 7.44 0.00	233.09 7.05 0.00	182.11 5.22 0.00	176.04 5.20 0.00	184.38 4.68 0.00	164.09 4.75 0.00	159.25 4.55 0.00	177.19 4.79 0.00	181.64 4.61 0.00	197.55 4.67 0.00	183.67 4.52 0.00	178.66 5.02 0.00	172.80 5.88 0.00	158.44 5.70 0.00	169.69 6.04 0.00	169.36 5.58 0.00
SELKIRK___II 23799	242.27 4.64 0.00	215.87 4.35 0.00	182.25 4.36 0.00	203.30 3.97 0.00	192.73 4.58 0.00	221.75 4.81 0.00	268.75 4.79 0.00	385.96 6.10 0.00	347.07 6.20 0.00	232.72 6.68 0.00	182.03 5.15 0.00	176.09 5.25 0.00	184.29 4.59 0.00	164.08 4.73 0.00	159.23 4.53 0.00	176.94 4.54 0.00	181.20 4.17 0.00	196.94 4.07 0.00	183.21 4.06 0.00	178.28 4.64 0.00	172.43 5.51 0.00	158.14 5.40 0.00	169.32 5.67 0.00	168.90 5.12 0.00
SENECA OSWGO___HYD 24041	231.68 -5.95 0.00	205.79 -5.73 0.00	173.59 -4.30 0.00	194.53 -4.80 0.00	184.14 -4.00 0.00	212.87 -4.06 0.00	259.10 -4.86 0.00	374.57 -5.28 0.00	337.11 -3.76 0.00	222.71 -3.33 0.00	174.01 -2.88 0.00	167.68 -3.16 0.00	176.21 -3.49 0.00	156.22 -3.12 0.00	152.21 -2.49 0.00	169.51 -2.89 0.00	173.28 -3.75 0.00	188.68 -4.20 0.00	175.23 -3.92 0.00	169.59 -4.05 0.00	163.21 -3.71 0.00	149.24 -3.50 0.00	159.67 -3.98 0.00	159.65 -4.13 0.00
SENECA___115KV_TB3 355854	226.22 -11.41 0.00	198.28 -13.24 0.00	168.21 -9.67 0.00	190.96 -8.37 0.00	180.79 -7.36 0.00	211.68 -5.25 0.00	251.18 -12.79 0.00	358.71 -21.13 0.00	327.23 -13.64 0.00	211.80 -14.24 0.00	164.98 -11.91 0.00	157.72 -13.12 0.00	167.44 -12.26 0.00	149.36 -9.98 0.00	146.09 -8.61 0.00	162.28 -10.12 0.00	162.26 -14.77 0.00	175.77 -17.10 0.00	158.12 -16.57 4.46	144.96 -17.30 11.38	121.42 -16.11 29.38	111.44 -15.19 26.11	132.42 -15.06 16.17	149.49 -13.76 0.53
SENECA___ENERGY 23797	234.58 -3.05 0.00	207.32 -4.20 0.00	174.71 -3.18 0.00	196.22 -3.11 0.00	186.16 -1.99 0.00	216.21 -0.71 0.00	262.15 -1.82 0.00	377.61 -2.24 0.00	340.57 -0.30 0.00	223.55 -2.48 0.00	173.93 -2.96 0.00	167.03 -3.81 0.00	175.44 -4.26 0.00	156.13 -3.21 0.00	152.83 -1.87 0.00	170.90 -1.51 0.00	174.11 -2.92 0.00	189.29 -3.59 0.00	176.80 -3.34 -1.00	172.28 -3.92 -2.56	169.34 -4.19 -6.60	154.52 -4.02 -5.81	162.74 -4.49 -3.58	159.32 -4.58 -0.12
SHOEMAKER___GT 23640	244.74 7.10 0.00	217.97 6.45 0.00	184.02 6.13 0.00	204.71 5.38 0.00	194.45 6.31 0.00	223.48 6.55 0.00	271.23 7.27 0.00	390.56 10.71 0.00	352.03 11.16 0.00	236.53 10.49 0.00	186.10 9.21 0.00	180.29 9.45 0.00	187.87 8.17 0.00	167.74 8.40 0.00	163.40 8.70 0.00	181.01 8.61 0.00	185.42 8.39 0.00	201.53 8.65 0.00	187.91 8.76 0.00	182.46 8.82 0.00	1			

SITHE___BATAVIA 24024	231.09 -6.54 0.00	203.02 -8.50 0.00	172.05 -5.84 0.00	194.94 -4.39 0.00	184.57 -3.58 0.00	216.09 -0.84 0.00	257.49 -6.47 0.00	368.67 -11.19 -0.01	336.16 -4.71 0.00	217.67 -8.38 -0.01	169.35 -7.55 0.00	161.97 -8.87 0.00	171.72 -7.98 0.00	152.77 -6.57 0.00	149.62 -5.08 0.00	166.16 -6.24 0.00	180.73 -10.08 -13.78	450.65 -10.07 -267.85	318.99 -10.21 -150.04	157.80 -11.30 4.55	143.99 -9.86 13.07	131.36 -9.74 11.64	146.38 -10.04 7.23	154.53 -9.01 0.24
SITHE___INDEPEND 23800	228.14 -9.49 0.00	202.74 -8.78 0.00	170.87 -7.01 0.00	191.56 -7.77 0.00	181.20 -6.95 0.00	209.33 -7.60 0.00	254.25 -9.71 0.00	366.43 -13.42 0.00	329.53 -11.34 0.00	217.99 -8.04 0.00	170.42 -6.47 0.00	164.28 -6.56 0.00	172.69 -7.01 0.00	153.28 -6.06 0.00	149.17 -5.53 0.00	166.05 -6.35 0.00	169.86 -7.17 0.00	184.87 -8.01 0.00	171.68 -7.46 0.00	166.20 -7.44 0.00	159.95 -6.98 0.00	146.34 -6.40 0.00	156.75 -6.90 0.00	156.86 -6.92 0.00
SITHE___MASSENA 23902	243.53 5.90 0.00	217.16 5.64 0.00	181.21 3.32 0.00	203.97 4.64 0.00	190.79 2.64 0.00	220.11 3.18 0.00	268.17 4.21 0.00	385.47 5.63 0.00	344.23 3.36 0.00	225.79 -0.24 0.00	176.27 -0.62 0.00	170.08 -0.76 0.00	180.33 0.63 0.00	159.30 -0.05 0.00	154.07 -0.63 0.00	172.48 0.08 0.00	177.93 0.91 0.00	194.49 1.61 0.00	180.42 1.27 0.00	174.44 0.80 0.00	166.83 -0.09 0.00	152.91 0.17 0.00	164.81 1.16 0.00	165.85 2.07 0.00
SITHE___OGDNSBRG 24021	248.97 11.34 0.00	221.99 10.48 0.00	185.04 7.15 0.00	208.47 9.14 0.00	194.51 6.37 0.00	223.96 7.03 0.00	272.80 8.84 0.00	392.50 12.64 0.00	349.42 8.55 0.00	226.76 0.72 0.00	176.47 -0.42 0.00	169.99 -0.85 0.00	180.49 0.80 0.00	159.15 -0.19 0.00	153.87 -0.84 0.00	173.32 0.92 0.00	179.82 2.79 0.00	197.46 4.58 0.00	183.19 4.04 0.00	176.84 3.20 0.00	168.88 1.96 0.00	155.10 2.36 0.00	167.53 3.88 0.00	169.06 5.28 0.00
SITHE___STERLING 23777	245.66 8.03 0.00	218.60 7.08 0.00	184.12 6.23 0.00	206.16 6.83 0.00	195.34 7.20 0.00	225.90 8.97 0.00	274.31 10.35 0.00	393.36 13.51 0.00	353.09 12.22 0.00	232.45 6.41 0.00	181.08 4.19 0.00	174.14 3.30 0.00	182.80 3.10 0.00	162.35 3.01 0.00	158.85 4.15 0.00	177.67 5.27 0.00	181.97 4.95 0.00	198.31 5.43 0.00	183.81 4.67 0.00	177.62 3.98 0.00	170.70 3.78 0.00	155.82 3.08 0.00	166.32 2.68 0.00	166.25 2.47 0.00
SLEIGHT__34_KV_TB1 80719	232.64 -4.99 0.00	205.70 -5.82 0.00	173.68 -4.21 0.00	195.45 -3.88 0.00	185.17 -2.98 0.00	215.50 -1.43 0.00	260.02 -3.94 0.00	374.06 -5.79 0.00	338.09 -2.78 0.00	221.56 -4.48 0.00	172.51 -4.38 0.00	165.91 -4.94 0.00	174.78 -4.92 0.00	155.36 -3.98 0.00	151.78 -2.93 0.00	168.98 -3.42 0.00	171.68 -5.35 0.00	187.04 -5.84 0.00	173.37 -5.78 0.00	167.22 -6.42 0.00	160.80 -6.12 0.00	146.73 -6.01 0.00	157.33 -6.32 0.00	157.86 -5.93 0.00
SOUTH CAIRO___GT 23612	256.85 19.22 0.00	228.63 17.11 0.00	193.01 15.12 0.00	215.70 16.36 0.00	204.76 16.62 0.00	236.69 19.76 0.00	288.02 24.06 0.00	414.77 34.92 0.00	373.37 32.50 0.00	248.60 22.56 0.00	192.87 15.99 0.00	185.62 14.78 0.00	194.23 14.52 0.00	172.38 13.03 0.00	167.00 12.30 0.00	186.38 13.98 0.00	191.63 14.60 0.00	209.66 16.78 0.00	195.07 15.91 0.00	189.25 15.61 0.00	182.90 15.98 0.00	166.99 14.25 0.00	178.65 15.01 0.00	177.83 14.05 0.00
SOUTH HAMPTN___IC 23720	243.29 13.32 7.65	223.66 13.84 1.69	191.20 13.31 0.00	210.60 11.27 0.00	201.02 12.96 0.08	227.00 10.07 0.00	250.42 9.11 22.64	297.45 12.64 95.04	332.99 15.43 23.31	246.76 17.88 -2.84	289.05 17.28 -94.88	193.34 19.73 -2.77	198.49 18.28 -0.51	178.90 18.04 -1.52	174.22 18.03 -1.49	193.08 19.64 -1.04	196.92 18.84 -1.05	236.56 20.88 -22.81	203.99 18.63 -6.21	197.72 20.53 -3.54	186.08 18.79 -0.37	170.12 17.39 0.00	177.16 13.51 0.00	177.12 13.24 -0.09
SOUTHDOW_115KV_TB1 355954	234.52 -3.11 0.00	205.45 -6.06 0.00	174.35 -3.54 0.00	197.51 -1.82 0.00	187.06 -1.09 0.00	219.53 2.60 0.00	262.17 -1.79 0.00	374.21 -5.64 0.00	341.35 0.48 0.00	221.22 -4.82 0.00	172.08 -4.81 0.00	164.07 -6.78 0.00	174.79 -4.91 0.00	156.64 -2.71 0.00	153.94 -0.76 0.00	170.36 -2.04 0.00	169.64 -7.38 0.00	182.15 -10.73 0.00	165.23 -11.36 2.56	154.92 -12.19 6.53	138.40 -11.66 16.86	126.05 -11.70 14.98	143.02 -11.34 9.28	152.97 -10.50 0.31
SOUTHOLD_69_KV_BK 2 55809	243.71 13.73 7.65	223.06 13.24 1.69	194.53 16.64 0.00	214.46 15.13 0.00	204.13 16.07 0.08	226.34 9.40 0.00	250.06 8.73 22.64	297.00 12.17 95.03	332.64 15.09 23.31	246.40 17.52 -2.84	291.05 19.27 -94.89	196.62 23.01 -2.77	201.66 21.45 -0.51	181.62 20.76 -1.52	176.91 20.72 -1.50	196.33 22.90 -1.04	197.11 19.03 -1.05	236.80 21.12 -22.81	205.65 20.29 -6.21	202.04 24.85 -3.54	190.19 22.90 -0.38	173.76 21.02 0.00	180.93 17.28 0.00	180.68 16.81 -0.09
SOUTHOLD___IC 23719	243.95 13.97 7.65	223.10 13.27 1.69	194.50 16.62 0.00	214.46 15.13 0.00	204.11 16.05 0.08	226.32 9.39 0.00	249.99 8.67 22.64	296.92 12.10 95.03	332.65 15.09 23.31	246.40 17.52 -2.84	291.05 19.27 -94.89	196.63 23.02 -2.77	201.66 21.44 -0.51	181.62 20.76 -1.52	176.90 20.71 -1.50	196.31 22.87 -1.04	197.09 19.02 -1.05	236.76 21.07 -22.81	205.60 20.24 -6.21	202.01 24.83 -3.54	190.12 22.82 -0.38	173.68 20.94 0.00	180.92 17.27 0.00	180.69 16.82 -0.09
SOUTH_FORK_WT_PWR 323839	245.76 15.78 7.65	225.26 15.44 1.69	194.58 16.69 0.00	214.56 15.23 0.00	204.44 16.38 0.08	228.65 11.72 0.00	252.76 11.44 22.64	300.91 16.09 95.03	336.35 18.79 23.31	248.64 19.76 -2.84	291.67 19.90 -94.88	196.67 23.06 -2.77	201.76 21.55 -0.51	181.65 20.79 -1.52	176.92 20.72 -1.49	196.48 23.04 -1.04	198.87 20.79 -1.05	239.00 23.31 -22.81	207.18 21.82 -6.21	202.41 25.23 -3.54	190.54 23.24 -0.37	174.09 21.35 0.00	181.26 17.61 0.00	181.03 17.16 -0.09
SPIERFLS_115KV_TB 1 80737	252.50 14.86 0.00	224.08 12.56 0.00	189.12 11.24 0.00	211.17 11.84 0.00	200.34 12.19 0.00	231.49 14.56 0.00	282.74 18.77 0.00	407.11 27.25 0.00	365.25 24.38 0.00	242.84 16.80 0.00	189.59 12.70 0.00	182.85 12.01 0.00	191.26 11.56 0.00	169.16 9.82 0.00	164.97 10.26 0.00	184.32 11.92 0.00	191.32 14.29 0.00	208.67 15.79 0.00	194.11 14.96 0.00	188.24 14.60 0.00	181.66 14.73 0.00	165.92 13.18 0.00	176.71 13.06 0.00	175.86 12.08 0.00
ST LAWRENCE____ 23600	239.34 1.71 0.00	213.42 1.91 0.00	178.17 0.29 0.00	200.54 1.20 0.00	187.86 -0.28 0.00	216.77 -0.16 0.00	264.52 0.56 0.00	380.43 0.58 0.00	339.77 -1.10 0.00	223.34 -2.70 0.00	174.31 -2.58 0.00	168.30 -2.54 0.00	178.36 -1.35 0.00	157.57 -1.77 0.00	152.35 -2.35 0.00	170.54 -1.87 0.00	176.10 -0.93 0.00	192.46 -0.41 0.00	178.60 -0.55 0.00	172.79 -0.85 0.00	165.24 -1.68 0.00	151.03 -1.71 0.00	162.56 -1.09 0.00	163.42 -0.36 0.00
STATE_CA_115KV_115_LB 55624	243.52 5.89 0.00	217.19 5.67 0.00	183.43 5.55 0.00	204.55 5.22 0.00	193.93 5.78 0.00	223.15 6.22 0.00	270.33 6.37 0.00	388.15 8.30 0.00	349.04 8.17 0.00	234.37 8.33 0.00	183.07 6.18 0.00	177.08 6.24 0.00	185.33 5.63 0.00	164.87 5.53 0.00	159.87 5.17 0.00	177.79 5.39 0.00	182.23 5.20 0.00	198.12 5.24 0.00	184.17 5.02 0.00	179.30 5.66 0.00	173.68 6.76 0.00	159.18 6.45 0.00	170.62 6.97 0.00	170.02 6.23 0.00

STATE_ST_34_KV_LOAD 55959	237.82 0.19 0.00	210.97 -0.55 0.00	177.87 -0.02 0.00	199.37 0.03 0.00	189.09 0.94 0.00	219.17 2.24 0.00	265.30 1.34 0.00	382.41 2.56 0.00	344.59 3.73 0.00	227.37 1.34 0.00	176.49 -0.40 0.00	170.21 -0.63 0.00	178.37 -1.33 0.00	158.42 -0.92 0.00	154.50 -0.20 0.00	172.43 0.03 0.00	176.10 -0.93 0.00	191.73 -1.14 0.00	178.09 -1.06 0.00	172.33 -1.32 0.00	165.61 -1.31 0.00	151.50 -1.24 0.00	162.10 -1.55 0.00	162.15 -1.63 0.00
STATION_5_MISC_HYD 23604	230.70 -6.94 0.00	203.46 -8.05 0.00	172.04 -5.85 0.00	194.20 -5.13 0.00	183.77 -4.37 0.00	214.19 -2.74 0.00	256.99 -6.97 0.00	368.67 -11.19 0.00	334.48 -6.39 0.00	218.44 -7.60 0.00	170.30 -6.59 0.00	163.52 -7.33 0.00	172.74 -6.96 0.00	153.74 -5.60 0.00	150.14 -4.56 0.00	166.88 -5.52 0.00	170.43 -8.29 -1.70	217.25 -8.64 -33.01	189.20 -8.71 -18.77	164.25 -9.53 -0.14	158.68 -8.44 -0.20	144.61 -8.30 -0.17	155.07 -8.68 -0.10	156.00 -7.79 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	235.41 -2.22 0.00	207.82 -3.70 0.00	175.43 -2.46 0.00	197.64 -1.69 0.00	187.31 -0.83 0.00	218.16 1.23 0.00	263.32 -0.65 0.00	378.48 -1.37 0.00	342.18 1.31 0.00	223.89 -2.15 0.00	174.29 -2.60 0.00	167.34 -3.50 0.00	176.36 -3.34 0.00	156.80 -2.54 0.00	153.35 -1.35 0.00	170.77 -1.64 0.00	173.31 -3.71 0.00	188.84 -4.04 0.00	175.01 -4.13 0.00	168.84 -4.80 0.00	162.30 -4.62 0.00	148.09 -4.65 0.00	158.83 -4.82 0.00	159.39 -4.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	229.83 -7.80 0.00	202.72 -8.79 0.00	171.37 -6.52 0.00	193.34 -6.00 0.00	182.99 -5.16 0.00	213.19 -3.75 0.00	256.07 -7.89 0.00	367.59 -12.26 0.00	333.23 -7.64 0.00	217.84 -8.20 0.00	169.81 -7.08 0.00	163.10 -7.74 0.00	172.24 -7.46 0.00	153.19 -6.15 0.00	149.61 -5.09 0.00	166.35 -6.06 0.00	169.95 -8.68 -1.61	214.73 -9.44 -31.29	187.64 -9.29 -17.79	163.88 -9.89 -0.13	157.89 -9.22 -0.19	144.03 -8.87 -0.16	154.64 -9.10 -0.10	155.47 -8.31 0.00
STA_56__34_KV_BUS2 355983	229.83 -7.80 0.00	202.72 -8.79 0.00	171.37 -6.52 0.00	193.34 -6.00 0.00	182.99 -5.16 0.00	213.19 -3.75 0.00	256.07 -7.89 0.00	367.59 -12.26 0.00	333.23 -7.64 0.00	217.84 -8.20 0.00	169.81 -7.08 0.00	163.10 -7.74 0.00	172.24 -7.46 0.00	153.19 -6.15 0.00	149.61 -5.09 0.00	166.35 -6.06 0.00	169.95 -8.68 -1.61	214.73 -9.44 -31.29	187.64 -9.29 -17.79	163.88 -9.89 -0.13	157.89 -9.22 -0.19	144.03 -8.87 -0.16	154.64 -9.10 -0.10	155.47 -8.31 0.00
STA_67__115KV_BK2 355882	230.15 -7.48 0.00	202.88 -8.64 0.00	171.53 -6.36 0.00	193.62 -5.71 0.00	183.27 -4.88 0.00	213.57 -3.37 0.00	256.12 -7.84 0.00	367.53 -12.32 0.00	333.41 -7.46 0.00	217.72 -8.32 0.00	169.71 -7.18 0.00	162.95 -7.90 0.00	172.17 -7.53 0.00	153.15 -6.19 0.00	149.56 -5.14 0.00	166.28 -6.12 0.00	169.74 -8.92 -1.64	215.04 -9.68 -31.84	187.67 -9.57 -18.10	163.59 -10.18 -0.13	157.69 -9.43 -0.19	143.84 -9.06 -0.17	154.58 -9.17 -0.10	155.53 -8.26 0.00
STA_7__115KV_9TRANS 80674	232.31 -5.32 0.00	204.73 -6.78 0.00	173.07 -4.82 0.00	195.40 -3.94 0.00	184.93 -3.22 0.00	215.57 -1.36 0.00	258.69 -5.28 0.00	371.33 -8.52 0.00	336.93 -3.94 0.00	220.06 -5.98 0.00	171.58 -5.31 0.00	164.74 -6.10 0.00	174.05 -5.65 0.00	154.88 -4.46 0.00	151.26 -3.44 0.00	168.15 -4.25 0.00	171.71 -7.02 -1.70	218.34 -7.54 -33.01	190.32 -7.59 -18.76	165.49 -8.29 -0.14	159.43 -7.69 -0.20	145.36 -7.55 -0.17	156.12 -7.63 -0.10	157.02 -6.77 0.00
STA_82__115KV_TB1 80780	230.23 -7.40 0.00	203.02 -8.49 0.00	171.65 -6.24 0.00	193.75 -5.58 0.00	183.36 -4.78 0.00	213.69 -3.24 0.00	256.27 -7.69 0.00	367.84 -12.01 0.00	333.60 -7.27 0.00	217.86 -8.18 0.00	169.83 -7.06 0.00	163.03 -7.81 0.00	172.23 -7.47 0.00	153.22 -6.12 0.00	149.66 -5.04 0.00	166.39 -6.02 0.00	170.22 -8.79 -1.98	221.82 -9.60 -38.54	191.60 -9.46 -21.91	163.74 -10.07 -0.16	157.83 -9.32 -0.23	143.97 -8.97 -0.20	154.65 -9.12 -0.12	155.57 -8.22 0.00
STEEL__WIND 323596	225.62 -12.01 0.00	197.90 -13.62 0.00	167.92 -9.97 0.00	190.73 -8.60 0.00	180.49 -7.66 0.00	211.39 -5.54 0.00	251.01 -12.95 0.00	358.22 -21.63 0.00	326.86 -14.01 0.00	211.48 -14.56 0.00	164.73 -12.16 0.00	157.53 -13.31 0.00	167.09 -12.60 0.00	149.13 -10.21 0.00	145.88 -8.82 0.00	162.01 -10.39 0.00	162.10 -14.93 0.00	176.19 -16.68 0.00	158.25 -16.44 4.46	144.87 -17.39 11.38	121.90 -15.63 29.38	111.66 -14.97 26.11	132.23 -15.25 16.17	149.25 -14.00 0.53
STEPHTWN_115KV_BK_2 55603	246.35 8.73 0.00	219.00 7.49 0.00	184.90 7.01 0.00	206.46 7.12 0.00	195.66 7.52 0.00	225.81 8.88 0.00	273.86 9.90 0.00	393.37 13.52 0.00	353.53 12.66 0.00	237.22 11.19 0.00	185.13 8.24 0.00	178.89 8.05 0.00	187.38 7.68 0.00	166.75 7.41 0.00	161.53 6.83 0.00	180.12 7.72 0.00	184.14 7.11 0.00	200.71 7.83 0.00	186.48 7.34 0.00	181.36 7.71 0.00	175.49 8.57 0.00	160.79 8.05 0.00	172.61 8.97 0.00	171.78 8.00 0.00
STEUBEN_REC_LFGE 323667	234.14 -3.49 0.00	205.06 -6.46 0.00	175.17 -2.72 0.00	199.82 0.49 0.00	190.50 2.36 0.00	222.83 5.90 0.00	267.19 3.23 0.00	383.67 3.82 0.00	346.06 5.19 0.00	223.32 -2.72 0.00	173.38 -3.51 0.00	165.10 -5.74 0.00	173.84 -5.86 0.00	155.23 -4.12 0.00	153.17 -1.53 0.00	171.99 -0.40 0.00	173.34 -3.69 0.00	186.78 -6.10 0.00	181.38 -7.30 -9.53	187.97 -10.01 -24.33	220.49 -9.23 -62.81	199.38 -9.07 -55.71	188.30 -9.83 -34.49	154.77 -10.14 -1.13
STILLWATER__SOLAR 323814	249.59 11.96 0.00	221.56 10.05 0.00	187.00 9.11 0.00	208.74 9.41 0.00	197.93 9.79 0.00	228.49 11.56 0.00	278.02 14.06 0.00	399.85 20.00 0.00	358.98 18.11 0.00	239.22 13.19 0.00	186.97 10.07 0.00	180.45 9.61 0.00	188.76 9.06 0.00	167.58 8.24 0.00	163.15 8.45 0.00	182.19 9.79 0.00	187.63 10.60 0.00	204.53 11.66 0.00	190.29 11.14 0.00	184.77 11.13 0.00	178.32 11.40 0.00	163.22 10.48 0.00	174.22 10.57 0.00	173.58 9.80 0.00
STONY__BROOK 24151	239.75 9.52 7.41	219.73 9.82 1.60	187.07 9.18 0.00	206.37 7.04 0.00	197.09 9.03 0.07	223.01 6.08 0.00	246.92 5.39 22.42	292.41 7.14 94.58	328.80 11.14 23.21	243.79 14.85 -2.90	287.07 14.44 -95.74	188.77 15.16 -2.77	194.09 13.86 -0.53	175.32 14.40 -1.58	170.80 14.54 -1.55	188.66 15.18 -1.08	192.76 14.65 -1.09	231.51 15.83 -22.81	200.23 14.85 -6.23	192.65 15.43 -3.58	181.90 14.59 -0.39	166.61 13.88 0.00	174.19 10.54 0.00	173.16 9.29 -0.09
STURGEON_POOL_HYD 23609	247.16 9.53 0.00	219.92 8.40 0.00	185.86 7.98 0.00	206.61 7.27 0.00	196.34 8.20 0.00	225.64 8.71 0.00	274.21 10.25 0.00	394.80 14.95 0.00	356.00 15.13 0.00	239.48 13.45 0.00	188.67 11.78 0.00	182.80 11.95 0.00	190.45 10.75 0.00	170.11 10.77 0.00	165.74 11.04 0.00	183.51 11.11 0.00	187.80 10.77 0.00	204.17 11.30 0.00	190.56 11.41 0.00	185.09 11.44 0.00	178.73 11.81 0.00	163.86 11.12 0.00	173.68 10.03 0.00	173.02 9.24 0.00
ST_LAW_115_BK7_LBMP 345037	239.60 1.97 0.00	213.71 2.19 0.00	178.34 0.45 0.00	200.73 1.40 0.00	187.90 -0.25 0.00	216.78 -0.15 0.00	264.54 0.58 0.00	380.43 0.58 0.00	339.75 -1.12 0.00	223.17 -2.87 0.00	174.16 -2.73 0.00	168.14 -2.70 0.00	178.29 -1.41 0.00	157.44 -1.90 0.00	152.20 -2.50 0.00	170.38 -2.02 0.00	176.00 -1.03 0.00	192.41 -0.46 0.00	178.51 -0.64 0.00	172.68 -0.96 0.00	165.10 -1.82 0.00	150.96 -1.78 0.00	162.51 -1.14 0.00	163.47 -0.31 0.00

ST_LAW_115_BK8_LBMP 345038	239.60 1.97 0.00	213.71 2.19 0.00	178.34 0.45 0.00	200.73 1.40 0.00	187.90 -0.25 0.00	216.78 -0.15 0.00	264.54 0.58 0.00	380.43 0.58 0.00	339.75 -1.12 0.00	223.17 -2.87 0.00	174.16 -2.73 0.00	168.14 -2.70 0.00	178.29 -1.41 0.00	157.44 -1.90 0.00	152.20 -2.50 0.00	170.38 -2.02 0.00	176.00 -1.03 0.00	192.41 -0.46 0.00	178.51 -0.64 0.00	172.68 -0.96 0.00	165.10 -1.82 0.00	150.96 -1.78 0.00	162.51 -1.14 0.00	163.47 -0.31 0.00
ST_LAW_230_BK5_LBMP 345035	239.34 1.71 0.00	213.42 1.91 0.00	178.17 0.29 0.00	200.54 1.20 0.00	187.86 -0.28 0.00	216.77 -0.16 0.00	264.52 0.56 0.00	380.43 0.58 0.00	339.77 -1.10 0.00	223.34 -2.70 0.00	174.31 -2.58 0.00	168.30 -2.54 0.00	178.36 -1.35 0.00	157.57 -1.77 0.00	152.35 -2.35 0.00	170.54 -1.87 0.00	176.10 -0.93 0.00	192.46 -0.41 0.00	178.60 -0.55 0.00	172.79 -0.85 0.00	165.24 -1.68 0.00	151.03 -1.71 0.00	162.56 -1.09 0.00	163.42 -0.36 0.00
ST_LAW_230_BK6_LBMP 345036	239.34 1.71 0.00	213.42 1.91 0.00	178.17 0.29 0.00	200.54 1.20 0.00	187.86 -0.28 0.00	216.77 -0.16 0.00	264.52 0.56 0.00	380.43 0.58 0.00	339.77 -1.10 0.00	223.34 -2.70 0.00	174.31 -2.58 0.00	168.30 -2.54 0.00	178.36 -1.35 0.00	157.57 -1.77 0.00	152.35 -2.35 0.00	170.54 -1.87 0.00	176.10 -0.93 0.00	192.46 -0.41 0.00	178.60 -0.55 0.00	172.79 -0.85 0.00	165.24 -1.68 0.00	151.03 -1.71 0.00	162.56 -1.09 0.00	163.42 -0.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	245.34 7.71 0.00	218.46 6.94 0.00	184.53 6.64 0.00	205.04 5.71 0.00	194.87 6.72 0.00	223.92 6.99 0.00	271.95 7.99 0.00	391.51 11.66 0.00	352.92 12.05 0.00	237.60 11.56 0.00	187.18 10.29 0.00	181.45 10.61 0.00	188.81 9.11 0.00	168.69 9.34 0.00	164.33 9.63 0.00	181.96 9.55 0.00	186.45 9.43 0.00	202.62 9.74 0.00	188.90 9.75 0.00	183.40 9.77 0.00	177.13 10.20 0.00	162.61 9.87 0.00	172.51 8.86 0.00	171.91 8.13 0.00
SWANROAD_115KV_TB1 355699	217.18 -20.44 0.00	190.46 -21.06 0.00	161.72 -16.17 0.00	183.85 -15.48 0.00	173.83 -14.32 0.00	203.53 -13.40 0.00	240.00 -23.96 0.00	342.01 -37.85 0.00	312.67 -28.20 0.00	202.16 -23.88 0.00	157.33 -19.56 0.00	150.47 -20.38 0.00	159.89 -19.81 0.00	142.28 -17.06 0.00	139.14 -15.56 0.00	154.37 -18.03 0.00	162.44 -23.28 -8.69	335.99 -25.83 -168.94	247.23 -24.59 -92.66	140.70 -25.03 7.91	122.56 -23.11 21.25	112.76 -21.08 18.90	131.07 -20.86 11.72	144.16 -19.23 0.39
SYNERGY___BIOGAS 323694	231.09 -6.54 0.00	203.02 -8.50 0.00	172.05 -5.84 0.00	194.94 -4.39 0.00	184.57 -3.58 0.00	216.09 -0.84 0.00	257.49 -6.47 0.00	368.67 -11.19 -0.01	336.16 -4.71 0.00	217.67 -8.38 -0.01	169.35 -7.55 0.00	161.97 -8.87 0.00	171.72 -7.98 0.00	152.77 -6.57 0.00	149.62 -5.08 0.00	166.16 -6.24 0.00	180.73 -10.08 -13.78	450.65 -10.07 -267.85	318.99 -10.21 -150.04	157.80 -11.30 4.55	143.99 -9.86 13.07	131.36 -9.74 11.64	146.38 -10.04 7.23	154.53 -9.01 0.24
SYRACUSE___ENERGY_ST1 323597	235.06 -2.58 0.00	208.66 -2.86 0.00	175.94 -1.94 0.00	197.21 -2.13 0.00	186.75 -1.39 0.00	216.08 -0.86 0.00	262.58 -1.38 0.00	378.65 -1.20 0.00	340.60 -0.27 0.00	224.98 -1.05 0.00	175.65 -1.24 0.00	169.29 -1.56 0.00	177.83 -1.87 0.00	157.91 -1.44 0.00	153.92 -0.79 0.00	171.37 -1.04 0.00	175.15 -1.87 0.00	190.61 -2.27 0.00	177.08 -2.07 0.00	171.41 -2.23 0.00	164.81 -2.11 0.00	150.80 -1.93 0.00	161.39 -2.26 0.00	161.38 -2.40 0.00
SYRACUSE___ENERGY_ST2 323598	235.06 -2.58 0.00	208.66 -2.86 0.00	175.94 -1.94 0.00	197.21 -2.13 0.00	186.75 -1.39 0.00	216.08 -0.86 0.00	262.58 -1.38 0.00	378.65 -1.20 0.00	340.60 -0.27 0.00	224.98 -1.05 0.00	175.65 -1.24 0.00	169.29 -1.56 0.00	177.83 -1.87 0.00	157.91 -1.44 0.00	153.92 -0.79 0.00	171.37 -1.04 0.00	175.15 -1.87 0.00	190.61 -2.27 0.00	177.08 -2.07 0.00	171.41 -2.23 0.00	164.81 -2.11 0.00	150.80 -1.93 0.00	161.39 -2.26 0.00	161.38 -2.40 0.00
SYRACUSE___POWER 24017	235.34 -2.29 0.00	208.83 -2.68 0.00	176.05 -1.84 0.00	197.27 -2.06 0.00	186.89 -1.25 0.00	216.24 -0.69 0.00	262.84 -1.13 0.00	378.84 -1.01 0.00	340.77 -0.10 0.00	225.15 -0.88 0.00	175.83 -1.06 0.00	169.34 -1.50 0.00	177.98 -1.72 0.00	158.08 -1.26 0.00	154.14 -0.57 0.00	171.60 -0.79 0.00	175.39 -1.64 0.00	190.85 -2.03 0.00	177.26 -1.89 0.00	171.62 -2.02 0.00	165.03 -1.89 0.00	150.96 -1.78 0.00	161.57 -2.08 0.00	161.52 -2.26 0.00
TALLMAN___138KV_BK151 55660	245.49 7.86 0.00	218.71 7.19 0.00	184.78 6.89 0.00	205.03 5.70 0.00	195.02 6.88 0.00	223.79 6.86 0.00	271.76 7.80 0.00	391.39 11.54 0.00	352.90 12.03 0.00	238.09 12.05 0.00	187.83 10.94 0.00	182.23 11.39 0.00	189.30 9.60 0.00	169.18 9.84 0.00	164.92 10.22 0.00	182.40 10.00 0.00	187.07 10.04 0.00	203.21 10.33 0.00	189.48 10.33 0.00	184.00 10.35 0.00	177.75 10.83 0.00	163.26 10.53 0.00	172.94 9.30 0.00	172.36 8.58 0.00
TEALLAVE_115KV_TB7 355573	233.38 -4.26 0.00	207.16 -4.36 0.00	174.70 -3.19 0.00	195.81 -3.52 0.00	185.45 -2.70 0.00	214.54 -2.39 0.00	260.65 -3.31 0.00	375.68 -4.18 0.00	337.98 -2.89 0.00	223.40 -2.63 0.00	174.52 -2.37 0.00	168.12 -2.72 0.00	176.72 -2.98 0.00	156.92 -2.42 0.00	153.02 -1.69 0.00	170.35 -2.06 0.00	174.00 -3.02 0.00	189.33 -3.55 0.00	175.78 -3.37 0.00	170.18 -3.46 0.00	163.69 -3.23 0.00	149.74 -3.00 0.00	160.26 -3.39 0.00	160.24 -3.54 0.00
TELGRAPH_34_KV_EAST 80808	224.04 -13.59 0.00	196.55 -14.96 0.00	166.75 -11.14 0.00	189.27 -10.07 0.00	179.08 -9.06 0.00	209.66 -7.27 0.00	248.41 -15.55 0.00	355.00 -24.87 -0.02	324.14 -16.73 0.00	209.80 -16.25 -0.02	163.36 -13.53 -0.01	156.31 -14.53 0.00	165.91 -13.79 0.00	147.71 -11.63 0.00	144.50 -10.20 0.00	160.30 -12.10 0.00	177.56 -16.77 -17.30	510.74 -18.44 -336.30	349.82 -17.73 -188.41	149.59 -18.40 5.65	133.70 -16.96 16.26	122.47 -15.79 14.49	138.97 -15.69 8.99	149.14 -14.34 0.30
TEMPLE___115KV_TB 2 55572	233.56 -4.08 0.00	207.27 -4.25 0.00	174.80 -3.09 0.00	195.88 -3.46 0.00	185.56 -2.59 0.00	214.63 -2.30 0.00	260.85 -3.11 0.00	375.86 -3.99 0.00	338.24 -2.62 0.00	223.55 -2.49 0.00	174.66 -2.23 0.00	168.25 -2.60 0.00	176.85 -2.84 0.00	157.06 -2.29 0.00	153.16 -1.55 0.00	170.50 -1.90 0.00	174.15 -2.88 0.00	189.42 -3.46 0.00	175.93 -3.22 0.00	170.27 -3.37 0.00	163.84 -3.08 0.00	149.84 -2.90 0.00	160.34 -3.31 0.00	160.32 -3.46 0.00
TIANA____69_KV_BK 1 55817	242.42 12.43 7.65	223.11 13.28 1.69	190.50 12.61 0.00	209.81 10.48 0.00	200.32 12.26 0.08	226.44 9.51 0.00	249.72 8.40 22.64	296.42 11.60 95.03	331.99 14.43 23.31	246.14 17.25 -2.84	288.49 16.72 -94.88	192.63 19.02 -2.77	197.78 17.57 -0.51	178.36 17.50 -1.52	173.72 17.52 -1.49	192.40 18.96 -1.04	196.46 18.38 -1.05	236.00 20.32 -22.81	203.41 18.06 -6.21	196.90 19.72 -3.54	185.39 18.09 -0.37	169.55 16.81 0.00	176.51 12.86 0.00	176.39 12.52 -0.09
TILDEN___115KV_TB1 80814	235.34 -2.29 0.00	208.83 -2.68 0.00	176.05 -1.84 0.00	197.27 -2.06 0.00	186.89 -1.25 0.00	216.24 -0.69 0.00	262.84 -1.13 0.00	378.84 -1.01 0.00	340.77 -0.10 0.00	225.15 -0.88 0.00	175.83 -1.06 0.00	169.34 -1.50 0.00	177.98 -1.72 0.00	158.08 -1.26 0.00	154.14 -0.57 0.00	171.60 -0.79 0.00	175.39 -1.64 0.00	190.85 -2.03 0.00	177.26 -1.89 0.00	171.62 -2.02 0.00	165.03 -1.89 0.00	150.96 -1.78 0.00	161.57 -2.08 0.00	161.52 -2.26 0.00

TRIGEN___CC 323695	285.77 12.06 -36.08	237.96 11.64 -14.80	188.02 10.13 -0.01	208.17 8.82 -0.02	199.26 10.75 -0.37	226.65 9.71 0.00	289.34 10.15 -15.23	376.41 13.36 16.81	349.71 15.09 6.25	255.70 16.06 -13.60	437.65 15.48 -245.28	188.88 15.27 -2.77	197.29 13.92 -3.67	184.36 14.07 -10.95	179.63 14.20 -10.72	194.47 14.62 -7.45	199.02 14.47 -7.53	231.19 15.10 -23.21	204.03 14.67 -10.21	197.22 14.74 -8.84	184.21 14.59 -2.70	166.64 13.90 0.00	175.59 11.94 0.00	175.45 11.02 -0.65
TRINITY___115KV___4 BK 55933	242.31 4.68 0.00	216.13 4.61 0.00	182.54 4.66 0.00	203.55 4.22 0.00	192.98 4.84 0.00	222.01 5.08 0.00	268.77 4.80 0.00	385.81 5.96 0.00	346.85 5.98 0.00	233.05 7.01 0.00	182.06 5.17 0.00	176.12 5.28 0.00	184.25 4.55 0.00	163.97 4.63 0.00	158.97 4.27 0.00	176.73 4.33 0.00	181.09 4.07 0.00	196.90 4.02 0.00	183.12 3.97 0.00	178.29 4.64 0.00	172.76 5.84 0.00	158.40 5.66 0.00	169.81 6.17 0.00	169.26 5.48 0.00
UNION___PROCESSING_DRP 323587	230.31 -7.32 0.00	203.06 -8.46 0.00	171.68 -6.21 0.00	193.82 -5.51 0.00	183.44 -4.70 0.00	213.78 -3.15 0.00	256.39 -7.58 0.00	367.91 -11.95 0.00	333.75 -7.12 0.00	217.93 -8.11 0.00	169.86 -7.03 0.00	163.09 -7.76 0.00	172.30 -7.40 0.00	153.30 -6.04 0.00	149.70 -5.00 0.00	166.42 -5.99 0.00	170.42 -8.74 -2.14	225.00 -9.49 -41.61	193.41 -9.39 -23.65	163.79 -10.02 -0.18	157.91 -9.26 -0.25	144.02 -8.93 -0.22	154.73 -9.05 -0.13	155.65 -8.13 0.00
UPPER HUDSON___HYD 24058	252.50 14.87 0.00	224.08 12.56 0.00	189.13 11.24 0.00	211.17 11.84 0.00	200.34 12.19 0.00	231.49 14.56 0.00	282.73 18.77 0.00	407.11 27.26 0.00	365.25 24.38 0.00	242.84 16.80 0.00	189.59 12.70 0.00	182.85 12.01 0.00	191.27 11.57 0.00	169.17 9.82 0.00	164.96 10.26 0.00	184.33 11.93 0.00	191.30 14.27 0.00	208.65 15.77 0.00	194.10 14.96 0.00	188.24 14.60 0.00	181.64 14.72 0.00	165.92 13.18 0.00	176.71 13.06 0.00	175.86 12.08 0.00
UPPER RAQUET___HYD 24056	245.12 7.48 0.00	218.76 7.25 0.00	182.38 4.50 0.00	205.33 6.00 0.00	191.28 3.14 0.00	219.44 2.51 0.00	265.73 1.77 0.00	382.22 2.37 0.00	340.81 -0.06 0.00	222.91 -3.13 0.00	174.69 -2.20 0.00	168.33 -2.51 0.00	178.40 -1.30 0.00	157.45 -1.89 0.00	152.28 -2.42 0.00	170.08 -2.32 0.00	175.79 -1.24 0.00	192.46 -0.41 0.00	178.45 -0.70 0.00	172.14 -1.51 0.00	164.46 -2.46 0.00	151.72 -1.02 0.00	164.22 0.57 0.00	165.93 2.15 0.00
VALLEY44_115KV_TB2 355964	234.01 -3.63 0.00	204.61 -6.91 0.00	172.51 -5.38 0.00	194.15 -5.18 0.00	183.82 -4.32 0.00	214.52 -2.41 0.00	255.57 -8.39 0.00	365.60 -14.24 0.00	332.53 -8.34 0.00	217.14 -8.89 0.00	170.64 -6.25 0.00	163.70 -7.14 0.00	173.17 -6.53 0.00	155.31 -4.03 0.00	151.45 -3.25 0.00	168.05 -4.35 0.00	167.73 -9.29 0.00	180.69 -12.19 0.00	166.19 -11.15 1.81	158.02 -11.00 4.61	144.92 -10.10 11.90	132.67 -9.49 10.58	148.93 -8.17 6.55	155.62 -7.94 0.21
VALLEY___115KV_TB 1-4 80826	242.52 4.89 0.00	215.48 3.97 0.00	181.53 3.64 0.00	202.60 3.27 0.00	192.51 4.37 0.00	222.56 5.63 0.00	270.80 6.84 0.00	389.51 9.66 0.00	349.80 8.93 0.00	232.69 6.65 0.00	181.76 4.87 0.00	175.38 4.53 0.00	183.36 3.66 0.00	165.31 5.97 0.00	165.11 10.40 0.00	182.95 10.55 0.00	185.20 8.17 0.00	199.10 6.22 0.00	185.15 6.00 0.00	179.53 5.89 0.00	172.76 5.84 0.00	158.49 5.75 0.00	169.33 5.68 0.00	168.62 4.84 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	256.98 19.35 0.00	228.33 16.81 0.00	192.50 14.61 0.00	215.58 16.25 0.00	204.56 16.42 0.00	237.05 20.12 0.00	288.75 24.79 0.00	414.71 34.86 0.00	373.07 32.20 0.00	247.81 21.77 0.00	193.95 17.06 0.00	186.35 15.50 0.00	195.34 15.64 0.00	173.65 14.31 0.00	169.14 14.44 0.00	187.30 14.90 0.00	190.76 13.73 0.00	208.32 15.44 0.00	193.60 14.45 0.00	187.62 13.98 0.00	180.64 13.72 0.00	165.68 12.95 0.00	176.72 13.07 0.00	176.49 12.71 0.00
VISCHER___FERRY HYD 24020	245.29 7.66 0.00	217.98 6.47 0.00	184.14 6.25 0.00	205.34 6.01 0.00	194.69 6.55 0.00	224.29 7.36 0.00	272.08 8.11 0.00	390.91 11.06 0.00	351.34 10.48 0.00	235.10 9.06 0.00	184.03 7.14 0.00	177.92 7.07 0.00	186.00 6.30 0.00	165.51 6.17 0.00	160.89 6.19 0.00	179.20 6.80 0.00	183.86 6.83 0.00	200.13 7.25 0.00	186.35 7.21 0.00	181.13 7.49 0.00	175.17 8.26 0.00	160.46 7.72 0.00	171.56 7.91 0.00	170.99 7.21 0.00
V_A_10_SYNC_DSASP 323832	223.05 -14.58 0.00	196.08 -15.43 0.00	166.04 -11.85 0.00	188.01 -11.32 0.00	177.82 -10.32 0.00	207.77 -9.16 0.00	246.96 -17.00 0.00	352.89 -26.96 0.00	321.41 -19.46 0.00	208.86 -17.18 0.00	162.81 -14.08 0.00	155.99 -14.86 0.00	165.29 -14.40 0.00	147.20 -12.14 0.00	143.77 -10.93 0.00	159.63 -12.77 0.00	157.60 -16.69 2.73	121.70 -18.03 53.14	129.17 -17.59 32.38	149.57 -18.30 5.77	135.88 -16.41 14.63	124.28 -15.46 13.00	139.77 -15.83 8.05	149.22 -14.30 0.26
V_CMM_10_SYNC_DSASP 323787	239.86 2.23 0.00	213.92 2.41 0.00	178.55 0.66 0.00	200.94 1.61 0.00	188.13 -0.01 0.00	217.14 0.21 0.00	264.92 0.96 0.00	381.01 1.16 0.00	340.22 -0.65 0.00	223.50 -2.53 0.00	174.40 -2.49 0.00	168.36 -2.48 0.00	178.52 -1.18 0.00	157.65 -1.69 0.00	152.39 -2.31 0.00	170.61 -1.79 0.00	176.24 -0.79 0.00	192.64 -0.24 0.00	178.74 -0.40 0.00	172.90 -0.74 0.00	165.31 -1.61 0.00	151.15 -1.59 0.00	162.76 -0.88 0.00	163.66 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	242.93 5.29 0.00	216.94 5.43 0.00	180.80 2.92 0.00	202.77 3.44 0.00	190.38 2.24 0.00	220.19 3.26 0.00	270.01 6.04 0.00	387.46 7.61 0.00	345.36 4.49 0.00	227.41 1.37 0.00	177.13 0.24 0.00	171.50 0.66 0.00	180.74 1.04 0.00	160.93 1.60 0.00	155.90 1.20 0.00	174.04 1.64 0.00	179.33 2.31 0.00	195.88 3.01 0.00	182.06 2.91 0.00	176.09 2.44 0.00	168.48 1.56 0.00	153.52 0.78 0.00	165.54 1.90 0.00	165.85 2.08 0.00
V_D_10_SYNC_DSASP 323841	243.45 5.82 0.00	217.09 5.57 0.00	181.12 3.23 0.00	203.92 4.59 0.00	190.74 2.59 0.00	220.02 3.09 0.00	268.10 4.14 0.00	385.38 5.52 0.00	344.15 3.28 0.00	225.77 -0.27 0.00	176.25 -0.64 0.00	170.08 -0.76 0.00	180.33 0.63 0.00	159.28 -0.06 0.00	154.07 -0.63 0.00	172.48 0.08 0.00	177.93 0.91 0.00	194.47 1.60 0.00	180.42 1.27 0.00	174.41 0.77 0.00	166.83 -0.09 0.00	152.90 0.16 0.00	164.78 1.13 0.00	165.78 2.00 0.00
V_E_10_SYNC_DSASP 323830	261.34 23.71 0.00	231.65 20.13 0.00	196.26 18.37 0.00	221.26 21.93 0.00	210.47 22.33 0.00	246.98 30.05 0.00	303.44 39.48 0.00	437.33 57.48 0.00	392.72 51.85 0.00	257.16 31.12 0.00	199.51 22.62 0.00	190.76 19.91 0.00	200.41 20.70 0.00	177.68 18.34 0.00	180.09 25.39 0.00	205.08 32.68 0.00	211.40 34.38 0.00	230.85 37.97 0.00	211.66 32.51 0.00	202.68 29.03 0.00	190.66 23.74 0.00	168.80 13.35 -2.71	178.21 11.90 -2.67	175.60 11.74 -0.09
V_F_30_NSYNC___DSASP 323816	249.92 12.29 0.00	221.82 10.31 0.00	187.19 9.30 0.00	208.95 9.62 0.00	198.15 10.01 0.00	228.78 11.84 0.00	278.46 14.50 0.00	400.42 20.57 0.00	359.54 18.67 0.00	239.51 13.47 0.00	187.20 10.31 0.00	180.72 9.88 0.00	189.12 9.42 0.00	167.90 8.56 0.00	163.44 8.74 0.00	182.43 10.03 0.00	187.82 10.80 0.00	204.74 11.87 0.00	190.47 11.32 0.00	184.92 11.28 0.00	178.39 11.47 0.00	163.32 10.58 0.00	174.34 10.70 0.00	173.73 9.95 0.00



V_F_30_SYNC_DSASP 323786	243.52 5.89 0.00	217.19 5.67 0.00	183.40 5.52 0.00	204.55 5.22 0.00	193.93 5.78 0.00	223.15 6.22 0.00	270.33 6.37 0.00	388.12 8.27 0.00	349.04 8.17 0.00	234.37 8.33 0.00	183.07 6.18 0.00	177.08 6.24 0.00	185.28 5.58 0.00	164.85 5.51 0.00	159.87 5.17 0.00	177.79 5.39 0.00	182.20 5.17 0.00	198.10 5.22 0.00	184.15 5.00 0.00	179.30 5.66 0.00	173.68 6.76 0.00	159.16 6.43 0.00	170.60 6.96 0.00	170.02 6.23 0.00
V_XM_10_SYNC_DSASP 323789	242.93 5.29 0.00	216.94 5.43 0.00	180.80 2.92 0.00	202.77 3.44 0.00	190.38 2.24 0.00	220.19 3.26 0.00	270.01 6.04 0.00	387.46 7.61 0.00	345.36 4.49 0.00	227.41 1.37 0.00	177.13 0.24 0.00	171.50 0.66 0.00	180.74 1.04 0.00	160.93 1.60 0.00	155.90 1.20 0.00	174.04 1.64 0.00	179.33 2.31 0.00	195.88 3.01 0.00	182.06 2.91 0.00	176.09 2.44 0.00	168.48 1.56 0.00	153.52 0.78 0.00	165.54 1.90 0.00	165.85 2.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	246.22 8.59 0.00	219.36 7.84 0.00	185.34 7.46 0.00	205.67 6.34 0.00	195.63 7.49 0.00	224.57 7.64 0.00	272.78 8.81 0.00	392.88 13.03 0.00	354.30 13.43 0.00	238.97 12.94 0.00	188.49 11.60 0.00	182.84 12.00 0.00	190.01 10.31 0.00	169.87 10.53 0.00	165.58 10.88 0.00	183.15 10.75 0.00	187.71 10.68 0.00	203.93 11.06 0.00	190.16 11.01 0.00	184.68 11.04 0.00	178.41 11.49 0.00	163.88 11.14 0.00	173.57 9.92 0.00	172.89 9.11 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	248.40 10.77 0.00	221.21 9.69 0.00	187.30 9.41 0.00	207.70 8.37 0.00	197.66 9.51 0.00	226.81 9.88 0.00	275.11 11.14 0.00	396.14 16.29 0.00	357.49 16.63 0.00	241.72 15.68 0.00	190.88 13.99 0.00	185.59 14.44 -0.31	192.68 12.98 0.00	172.48 13.14 0.00	167.98 13.28 0.00	185.78 13.38 0.00	190.39 13.36 0.00	206.42 13.55 0.00	192.51 13.37 0.00	186.96 13.32 0.00	180.60 13.68 0.00	165.79 13.06 0.00	175.36 11.71 0.00	174.54 10.76 0.00
W50THST__13_KV_LOAD 356117	249.52 11.89 0.00	222.18 10.66 0.00	188.20 10.32 0.00	208.75 9.41 0.00	198.63 10.48 0.00	228.06 11.13 0.00	276.39 12.43 0.00	398.11 18.26 0.00	359.51 18.64 0.00	243.15 17.11 0.00	192.04 15.16 0.00	186.96 15.59 -0.54	193.97 14.27 0.00	173.76 14.42 0.00	169.26 14.55 0.00	187.05 14.64 0.00	191.51 14.48 0.00	207.56 14.69 0.00	193.53 14.38 0.00	187.96 14.32 0.00	181.51 14.59 0.00	166.65 13.91 0.00	176.23 12.58 0.00	175.38 11.60 0.00
WADING RIVER_IC_1 23522	240.62 10.66 7.67	221.90 12.09 1.70	189.04 11.15 0.00	207.94 8.61 0.00	198.54 10.48 0.08	224.59 7.66 0.00	246.58 5.28 22.66	292.11 7.32 95.07	328.13 10.58 23.32	243.90 15.03 -2.84	286.53 14.83 -94.81	191.33 17.72 -2.77	196.48 16.27 -0.51	177.28 16.42 -1.51	172.66 16.46 -1.49	191.14 17.71 -1.03	195.29 17.21 -1.05	234.60 18.92 -22.81	201.32 15.96 -6.20	195.00 17.82 -3.54	183.20 15.90 -0.37	167.57 14.83 0.00	174.12 10.48 0.00	174.44 10.56 -0.09
WADING RIVER_IC_2 23547	240.62 10.66 7.67	221.90 12.09 1.70	189.04 11.15 0.00	207.94 8.61 0.00	198.54 10.48 0.08	224.59 7.66 0.00	246.58 5.28 22.66	292.11 7.32 95.07	328.13 10.58 23.32	243.90 15.03 -2.84	286.53 14.83 -94.81	191.33 17.72 -2.77	196.48 16.27 -0.51	177.28 16.42 -1.51	172.66 16.46 -1.49	191.14 17.71 -1.03	195.29 17.21 -1.05	234.60 18.92 -22.81	201.32 15.96 -6.20	195.00 17.82 -3.54	183.20 15.90 -0.37	167.57 14.83 0.00	174.12 10.48 0.00	174.44 10.56 -0.09
WADING RIVER_IC_3 23601	240.62 10.66 7.67	221.90 12.09 1.70	189.04 11.15 0.00	207.94 8.61 0.00	198.54 10.48 0.08	224.59 7.66 0.00	246.58 5.28 22.66	292.11 7.32 95.07	328.13 10.58 23.32	243.90 15.03 -2.84	286.53 14.83 -94.81	191.33 17.72 -2.77	196.48 16.27 -0.51	177.28 16.42 -1.51	172.66 16.46 -1.49	191.14 17.71 -1.03	195.29 17.21 -1.05	234.60 18.92 -22.81	201.32 15.96 -6.20	195.00 17.82 -3.54	183.20 15.90 -0.37	167.57 14.83 0.00	174.12 10.48 0.00	174.44 10.56 -0.09
WALDENNY_12_KV_BK2 80841	225.89 -11.74 0.00	198.02 -13.50 0.00	167.95 -9.94 0.00	190.73 -8.60 0.00	180.49 -7.65 0.00	211.39 -5.55 0.00	250.70 -13.26 0.00	358.12 -21.73 0.00	326.88 -13.99 0.00	211.56 -14.48 0.00	164.80 -12.09 0.00	157.55 -13.29 0.00	167.26 -12.44 0.00	149.16 -10.18 0.00	145.92 -8.78 0.00	162.11 -10.29 0.00	163.64 -15.05 -1.66	207.86 -17.31 -32.30	176.39 -16.78 -14.03	145.16 -17.55 10.94	122.23 -16.30 28.39	112.17 -15.34 25.23	132.84 -15.18 15.62	149.45 -13.82 0.51
WALDEN__HYDRO 24148	247.16 9.52 0.00	220.13 8.62 0.00	185.97 8.08 0.00	206.64 7.31 0.00	196.43 8.29 0.00	225.79 8.86 0.00	274.41 10.45 0.00	395.09 15.24 0.00	356.16 15.29 0.00	239.69 13.65 0.00	188.76 11.87 0.00	182.88 12.04 0.00	190.38 10.68 0.00	170.08 10.74 0.00	165.72 11.02 0.00	183.52 11.12 0.00	188.02 10.99 0.00	204.40 11.52 0.00	190.64 11.49 0.00	185.10 11.46 0.00	178.74 11.81 0.00	163.96 11.22 0.00	173.87 10.22 0.00	173.18 9.40 0.00
WARRENSBURG____ 23737	252.50 14.87 0.00	224.08 12.56 0.00	189.13 11.24 0.00	211.17 11.84 0.00	200.34 12.19 0.00	231.49 14.56 0.00	282.73 18.77 0.00	407.11 27.26 0.00	365.25 24.38 0.00	242.84 16.80 0.00	189.59 12.70 0.00	182.85 12.01 0.00	191.27 11.57 0.00	169.17 9.82 0.00	164.96 10.26 0.00	184.33 11.93 0.00	191.30 14.27 0.00	208.65 15.77 0.00	194.10 14.96 0.00	188.24 14.60 0.00	181.64 14.72 0.00	165.92 13.18 0.00	176.71 13.06 0.00	175.86 12.08 0.00
WATERSIDE____6 8 9 23538	227.34 10.82 21.10	205.37 10.08 16.22	159.51 9.96 28.34	182.66 8.78 25.46	171.34 10.06 26.87	203.64 10.27 23.57	259.22 11.48 16.23	386.42 16.57 10.00	347.44 16.70 10.13	203.45 16.13 38.72	145.19 14.64 46.33	160.48 15.08 25.44	177.34 13.57 15.93	159.25 13.70 13.79	162.59 13.88 5.99	179.18 13.95 7.17	184.62 14.08 6.49	198.30 14.24 8.81	158.59 14.16 34.72	140.60 14.14 47.17	72.37 14.49 109.04	7.59 13.79 158.94	165.30 12.39 10.74	167.07 11.44 8.16
WATKINRD_115KV_LN8_ILLION 55919	240.92 3.29 0.00	214.18 2.66 0.00	180.53 2.64 0.00	201.71 2.38 0.00	191.25 3.11 0.00	220.79 3.86 0.00	268.58 4.62 0.00	386.31 6.46 0.00	346.88 6.01 0.00	230.73 4.70 0.00	180.36 3.47 0.00	174.07 3.23 0.00	182.19 2.49 0.00	162.56 3.22 0.00	159.29 4.59 0.00	177.11 4.71 0.00	181.30 4.27 0.00	197.09 4.21 0.00	183.34 4.19 0.00	177.87 4.23 0.00	171.34 4.42 0.00	157.01 4.27 0.00	167.77 4.12 0.00	167.24 3.46 0.00
WATSON__69_KV_BK 1 55734	245.25 12.93 5.30	223.59 12.89 0.81	189.48 11.59 0.00	209.23 9.90 0.00	200.03 11.94 0.05	227.23 10.30 0.00	254.23 10.97 20.71	303.73 15.21 91.33	335.77 17.41 22.51	248.07 18.61 -3.42	297.08 17.24 -102.95	191.24 17.63 -2.77	196.80 16.40 -0.70	177.89 16.49 -2.06	173.28 16.54 -2.04	191.35 17.54 -1.41	195.82 17.36 -1.43	234.67 18.96 -22.83	203.48 17.89 -6.44	195.69 18.20 -3.85	184.85 17.42 -0.51	169.00 16.27 0.00	177.13 13.49 0.00	176.37 12.46 -0.12
WDELAWARE__HYD 323627	244.22 6.59 0.00	217.30 5.78 0.00	183.45 5.56 0.00	204.10 4.76 0.00	194.01 5.87 0.00	223.30 6.37 0.00	271.98 8.02 0.00	391.90 12.04 0.00	353.22 12.35 0.00	237.17 11.13 0.00	186.46 9.57 0.00	180.38 9.54 0.00	187.91 8.21 0.00	167.74 8.40 0.00	163.39 8.68 0.00	181.51 9.11 0.00	185.81 8.78 0.00	202.32 9.45 0.00	188.81 9.66 0.00	183.27 9.63 0.00	176.78 9.86 0.00	161.86 9.12 0.00	171.54 7.89 0.00	170.80 7.02 0.00

WEST BABYLON___IC 23714	250.59 12.96 0.00	225.47 12.76 -1.20	189.27 11.38 0.00	209.15 9.81 0.00	200.24 12.10 0.00	227.50 10.56 0.00	258.82 11.28 16.41	312.02 15.43 83.26	337.51 17.42 20.77	248.95 18.23 -4.69	314.51 16.98 -120.64	190.78 17.16 -2.77	196.67 15.87 -1.10	178.52 15.93 -3.25	173.90 15.97 -3.22	191.50 16.87 -2.23	196.01 16.73 -2.26	233.86 18.10 -22.88	203.36 17.25 -6.96	195.61 17.43 -4.53	184.58 16.84 -0.81	168.51 15.77 0.00	176.91 13.26 0.00	176.25 12.27 -0.20
WEST CANADA___HYD 24049	238.34 0.72 0.00	212.10 0.58 0.00	178.59 0.70 0.00	199.83 0.50 0.00	188.96 0.82 0.00	217.78 0.85 0.00	264.74 0.78 0.00	380.87 1.02 0.00	342.02 1.15 0.00	227.42 1.38 0.00	178.14 1.25 0.00	172.02 1.18 0.00	180.59 0.89 0.00	160.34 1.00 0.00	155.85 1.15 0.00	173.42 1.02 0.00	177.86 0.83 0.00	193.60 0.73 0.00	179.87 0.72 0.00	174.41 0.77 0.00	167.88 0.96 0.00	153.62 0.88 0.00	164.53 0.88 0.00	164.51 0.72 0.00
WESTERN_NY_WIND 24143	230.76 -6.87 0.00	202.62 -8.90 0.00	171.66 -6.23 0.00	194.60 -4.73 0.00	184.24 -3.90 0.00	215.69 -1.24 0.00	256.79 -7.18 0.00	367.82 -12.05 -0.02	335.45 -5.42 0.00	217.22 -8.83 -0.02	168.89 -8.01 -0.01	161.57 -9.27 0.00	171.31 -8.39 0.00	152.37 -6.97 0.00	149.26 -5.44 0.00	165.76 -6.65 0.00	181.28 -10.63 -14.89	470.99 -11.22 -289.33	330.13 -11.10 -162.08	156.77 -11.98 4.89	141.79 -11.06 14.07	129.57 -10.63 12.54	145.34 -10.53 7.78	154.11 -9.41 0.26
WESTOVER___LESR 323668	238.64 1.01 0.00	210.95 -0.57 0.00	177.63 -0.26 0.00	199.13 -0.20 0.00	188.87 0.72 0.00	218.83 1.90 0.00	265.42 1.45 0.00	381.37 1.52 0.00	343.56 2.69 0.00	227.10 1.07 0.00	177.84 0.95 0.00	170.90 0.05 0.00	179.81 0.11 0.00	160.12 0.78 0.00	156.12 1.42 0.00	173.57 1.17 0.00	176.78 -0.25 0.00	191.94 -0.93 0.00	178.54 -0.61 0.00	172.91 -0.73 0.00	166.21 -0.71 0.00	152.42 -0.32 0.00	163.65 0.00 0.00	163.46 -0.32 0.00
WETHRSFD_WT_PWR 323626	226.32 -11.31 0.00	198.84 -12.67 0.00	168.89 -9.00 0.00	191.56 -7.77 0.00	181.64 -6.51 0.00	212.20 -4.73 0.00	253.17 -10.79 0.00	362.20 -17.65 0.00	328.54 -12.33 0.00	212.02 -14.02 0.00	164.89 -12.00 0.00	157.40 -13.44 0.00	166.68 -13.02 0.00	148.85 -10.49 0.00	146.58 -8.12 0.00	163.51 -8.89 0.00	164.09 -12.93 0.00	177.64 -15.24 0.00	149.03 -15.19 14.93	118.91 -16.60 38.13	53.31 -15.20 98.41	50.74 -14.60 87.40	94.25 -15.27 54.13	147.11 -14.90 1.77
WHAVSTOR_138KV_BK127 55557	245.16 7.53 0.00	218.42 6.91 0.00	184.59 6.70 0.00	204.83 5.50 0.00	194.74 6.60 0.00	223.52 6.59 0.00	271.42 7.46 0.00	390.82 10.97 0.00	352.35 11.48 0.00	237.69 11.65 0.00	187.53 10.64 0.00	181.92 11.08 0.00	189.05 9.35 0.00	169.02 9.68 0.00	164.76 10.06 0.00	182.21 9.81 0.00	186.78 9.75 0.00	202.89 10.01 0.00	189.18 10.03 0.00	183.71 10.07 0.00	177.51 10.59 0.00	163.10 10.36 0.00	172.75 9.11 0.00	172.14 8.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	245.16 7.53 0.00	218.42 6.91 0.00	184.59 6.70 0.00	204.83 5.50 0.00	194.74 6.60 0.00	223.52 6.59 0.00	271.42 7.46 0.00	390.82 10.97 0.00	352.35 11.48 0.00	237.69 11.65 0.00	187.53 10.64 0.00	181.92 11.08 0.00	189.05 9.35 0.00	169.02 9.68 0.00	164.76 10.06 0.00	182.21 9.81 0.00	186.78 9.75 0.00	202.89 10.01 0.00	189.18 10.03 0.00	183.71 10.07 0.00	177.51 10.59 0.00	163.10 10.36 0.00	172.75 9.11 0.00	172.14 8.36 0.00
WHITEHAL_115KV_TB1 80871	257.50 19.87 0.00	227.94 16.42 0.00	192.74 14.85 0.00	215.11 15.78 0.00	203.98 15.83 0.00	235.38 18.45 0.00	289.92 25.95 0.00	417.63 37.78 0.00	372.96 32.10 0.00	248.10 22.06 0.00	193.93 17.04 0.00	186.90 16.06 0.00	195.70 16.00 0.00	173.22 13.88 0.00	168.99 14.29 0.00	190.00 17.60 0.00	197.99 20.96 0.00	216.14 23.26 0.00	201.42 22.27 0.00	195.08 21.44 0.00	188.41 21.49 0.00	171.97 19.23 0.00	182.76 19.11 0.00	181.17 17.39 0.00
WHITEPLN_13_KV_LOAD 356215	250.05 12.42 0.00	222.49 10.98 0.00	188.18 10.29 0.00	208.88 9.55 0.00	198.72 10.58 0.00	228.24 11.31 0.00	277.26 13.30 0.00	399.62 19.77 0.00	360.44 19.57 0.00	243.26 17.23 0.00	191.97 15.08 0.00	186.15 15.30 0.00	193.60 13.90 0.00	173.12 13.78 0.00	168.65 13.95 0.00	186.68 14.28 0.00	191.32 14.29 0.00	207.87 14.99 0.00	193.72 14.57 0.00	188.14 14.50 0.00	181.58 14.66 0.00	166.59 13.85 0.00	176.34 12.69 0.00	175.46 11.68 0.00
WM_FLOYD_69_KV_BK2 356380	240.50 10.41 7.54	221.16 11.30 1.65	188.48 10.60 0.00	207.61 8.29 0.00	198.31 10.25 0.08	224.57 7.64 0.00	248.04 6.62 22.55	294.04 9.04 94.85	329.50 11.90 23.27	244.60 15.69 -2.87	287.41 15.25 -95.27	190.43 16.82 -2.77	195.59 15.37 -0.52	176.52 15.64 -1.54	171.99 15.77 -1.52	190.33 16.87 -1.05	194.57 16.48 -1.07	233.75 18.07 -22.81	201.65 16.28 -6.22	194.52 17.31 -3.56	183.39 16.08 -0.38	167.79 15.05 0.00	175.06 11.41 0.00	174.73 10.85 -0.09
WOODARD___115KV_TB2 355635	233.04 -4.59 0.00	206.93 -4.59 0.00	174.46 -3.43 0.00	195.51 -3.82 0.00	185.15 -2.99 0.00	214.09 -2.84 0.00	260.20 -3.76 0.00	375.04 -4.81 0.00	337.50 -3.37 0.00	223.06 -2.98 0.00	174.29 -2.60 0.00	167.93 -2.91 0.00	176.50 -3.20 0.00	156.74 -2.60 0.00	152.74 -1.96 0.00	170.03 -2.37 0.00	173.77 -3.26 0.00	189.08 -3.79 0.00	175.60 -3.55 0.00	170.01 -3.63 0.00	163.53 -3.39 0.00	149.58 -3.15 0.00	160.11 -3.54 0.00	160.10 -3.68 0.00
YORK___WARBASSE 23770	425.84 12.74 -175.47	383.22 11.80 -159.90	379.52 11.18 -190.46	380.49 10.08 -171.08	380.06 11.36 -180.56	387.05 11.75 -158.37	425.34 13.38 -147.99	538.43 19.52 -139.06	505.88 19.37 -145.65	537.20 17.61 -293.55	573.38 15.55 -380.94	418.54 15.96 -231.73	319.27 14.43 -125.14	319.81 14.54 -145.94	274.13 14.76 -104.67	235.37 14.76 -48.21	235.65 15.01 -43.61	267.40 15.30 -59.23	443.04 15.15 -248.74	505.71 15.03 -317.03	936.69 15.40 -754.37	1288.31 14.52 -1121.05	249.06 13.21 -72.20	230.85 12.23 -54.83