

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/19/2025

[illegible]

ALBANY___2 23572	151.48 3.59 0.00	142.18 3.07 0.00	128.00 2.83 0.00	136.38 2.99 0.00	133.65 2.63 0.00	146.33 2.13 0.00	168.32 2.32 0.00	201.90 1.72 0.00	165.17 1.74 0.00	122.57 1.99 0.00	141.50 2.86 0.00	137.46 2.45 0.00	127.74 2.83 0.00	116.95 3.06 0.00	70.36 1.95 0.00	81.75 2.19 0.00	110.78 2.66 0.00	161.50 2.79 0.00	340.21 5.17 0.00	171.59 2.29 0.00	152.18 2.24 0.00	151.38 2.52 0.00	139.59 2.72 0.00	142.91 3.30 0.00
ALBANY___3 23573	151.48 3.59 0.00	142.18 3.07 0.00	128.00 2.83 0.00	136.38 2.99 0.00	133.65 2.63 0.00	146.33 2.13 0.00	168.32 2.32 0.00	201.90 1.72 0.00	165.17 1.74 0.00	122.57 1.99 0.00	141.50 2.86 0.00	137.46 2.45 0.00	127.74 2.83 0.00	116.95 3.06 0.00	70.36 1.95 0.00	81.75 2.19 0.00	110.78 2.66 0.00	161.50 2.79 0.00	340.21 5.17 0.00	171.59 2.29 0.00	152.18 2.24 0.00	151.38 2.52 0.00	139.59 2.72 0.00	142.91 3.30 0.00
ALBANY___4 23574	151.48 3.59 0.00	142.18 3.07 0.00	128.00 2.83 0.00	136.38 2.99 0.00	133.65 2.63 0.00	146.33 2.13 0.00	168.32 2.32 0.00	201.90 1.72 0.00	165.17 1.74 0.00	122.57 1.99 0.00	141.50 2.86 0.00	137.46 2.45 0.00	127.74 2.83 0.00	116.95 3.06 0.00	70.36 1.95 0.00	81.75 2.19 0.00	110.78 2.66 0.00	161.50 2.79 0.00	340.21 5.17 0.00	171.59 2.29 0.00	152.18 2.24 0.00	151.38 2.52 0.00	139.59 2.72 0.00	142.91 3.30 0.00
ALBANY___LFGE 323615	153.09 5.20 0.00	143.66 4.55 0.00	129.33 4.16 0.00	137.81 4.42 0.00	135.12 4.10 0.00	148.05 3.84 0.00	170.37 4.37 0.00	204.45 4.27 0.00	167.26 3.83 0.00	124.10 3.53 0.00	143.20 4.56 0.00	139.19 4.17 0.00	129.25 4.34 0.00	118.27 4.38 0.00	71.16 2.75 0.00	82.70 3.14 0.00	112.20 4.07 0.00	163.58 4.86 0.00	344.73 9.69 0.00	173.81 4.50 0.00	154.12 4.18 0.00	153.29 4.43 0.00	141.23 4.36 0.00	144.51 4.90 0.00
ALCOA_PA_115KV_PL-6C 55860	149.01 -1.23 -2.35	143.52 -0.99 -5.41	129.53 -0.95 -5.31	133.38 -1.29 -1.28	134.74 -1.20 -4.92	142.92 -1.61 -0.33	101.81 1.38 65.56	122.05 3.64 81.76	106.48 1.71 58.66	118.59 -1.99 0.00	134.79 -3.85 0.00	132.13 -2.89 0.00	121.85 -3.07 0.00	110.63 -3.26 0.00	66.45 -1.96 0.00	77.33 -2.23 0.00	104.82 -3.31 0.00	155.86 -2.85 0.00	330.22 -4.82 0.00	167.26 -2.05 0.00	148.50 -1.44 0.00	147.11 -1.75 0.00	134.98 -1.89 0.00	137.64 -1.97 0.00
ALCOA_RYNLDS___DRP 24188	149.01 -1.23 -2.35	143.52 -0.99 -5.41	129.53 -0.95 -5.31	133.38 -1.29 -1.28	134.74 -1.20 -4.92	142.92 -1.61 -0.33	101.81 1.38 65.56	122.05 3.64 81.76	106.48 1.71 58.66	118.59 -1.99 0.00	134.79 -3.85 0.00	132.13 -2.89 0.00	121.85 -3.07 0.00	110.63 -3.26 0.00	66.45 -1.96 0.00	77.33 -2.23 0.00	104.82 -3.31 0.00	155.86 -2.85 0.00	330.22 -4.82 0.00	167.26 -2.05 0.00	148.50 -1.44 0.00	147.11 -1.75 0.00	134.98 -1.89 0.00	137.64 -1.97 0.00
ALCOA___DSASP 323711	149.01 -1.23 -2.35	143.52 -0.99 -5.41	129.52 -0.96 -5.31	133.38 -1.29 -1.28	134.74 -1.20 -4.92	142.93 -1.61 -0.33	101.81 1.39 65.56	122.05 3.64 81.76	106.47 1.70 58.66	118.59 -1.99 0.00	134.79 -3.85 0.00	132.12 -2.89 0.00	121.84 -3.08 0.00	110.63 -3.26 0.00	66.45 -1.96 0.00	77.33 -2.23 0.00	104.82 -3.31 0.00	155.86 -2.85 0.00	330.22 -4.82 0.00	167.26 -2.05 0.00	148.50 -1.44 0.00	147.11 -1.75 0.00	134.98 -1.88 0.00	137.64 -1.97 0.00
ALLEGHENY___COGEN 23514	146.59 -1.30 0.00	137.64 -1.47 0.00	122.84 -2.33 0.00	131.99 -1.41 0.00	130.81 -0.21 0.00	147.23 3.02 0.00	162.99 -3.01 0.00	185.23 -14.95 0.00	153.36 -10.07 0.00	112.48 -8.10 0.00	126.40 -8.98 3.25	125.15 -9.87 0.00	116.32 -8.60 0.00	106.63 -7.26 0.00	64.73 -3.68 0.00	75.81 -3.75 0.00	103.60 -4.54 0.00	149.21 -9.50 0.00	317.22 -17.82 0.00	164.02 -5.29 0.00	155.14 5.20 0.00	151.64 2.78 0.00	138.22 1.36 0.00	141.08 1.47 0.00
ALTAMONT_115KV_TB 2 55880	152.92 5.03 0.00	143.63 4.52 0.00	129.28 4.11 0.00	137.82 4.42 0.00	135.20 4.18 0.00	148.38 4.17 0.00	170.68 4.68 0.00	205.00 4.82 0.00	167.63 4.20 0.00	124.24 3.67 0.00	143.27 4.63 0.00	139.24 4.22 0.00	129.19 4.28 0.00	118.07 4.18 0.00	70.96 2.55 0.00	82.51 2.95 0.00	112.16 4.03 0.00	163.74 5.02 0.00	344.95 9.91 0.00	174.14 4.83 0.00	154.30 4.36 0.00	153.39 4.53 0.00	141.26 4.40 0.00	144.40 4.79 0.00
ALTONA_WT_PWR 323606	84.64 -3.93 59.33	-1.53 -3.82 136.82	-12.51 -3.34 134.34	97.32 -3.64 32.43	2.80 -3.78 124.44	131.82 -3.97 8.42	-18.01 -1.20 182.81	-24.78 3.01 227.97	-0.01 0.13 163.57	118.14 -2.44 0.00	135.48 -3.15 0.00	133.05 -1.97 0.00	122.60 -2.32 0.00	111.74 -2.15 0.00	67.24 -1.17 0.00	78.44 -1.12 0.00	105.94 -2.19 0.00	156.69 -2.02 0.00	331.63 -3.41 0.00	167.78 -1.53 0.00	149.34 -0.60 0.00	147.99 -0.87 0.00	135.61 -1.26 0.00	138.20 -1.41 0.00
AMERICAN_REF_FUEL 24010	131.62 -16.28 0.00	123.49 -15.61 0.00	110.51 -14.66 0.00	119.05 -14.35 0.00	118.07 -12.95 0.00	133.81 -10.40 0.00	149.29 -16.71 0.00	177.33 -22.85 0.00	130.76 -16.53 16.15	108.63 -11.95 0.00	122.18 -14.45 2.00	121.79 -13.23 0.00	112.65 -12.26 0.00	102.53 -11.36 0.00	61.90 -6.51 0.00	72.20 -7.36 0.00	96.66 -11.47 0.00	140.99 -17.73 0.00	299.02 -36.02 0.00	153.11 -16.20 0.00	134.11 -15.83 0.00	132.73 -16.12 0.00	121.87 -15.00 0.00	125.65 -13.95 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	136.05 -11.84 0.00	128.81 -10.30 0.00	115.72 -9.45 0.00	124.81 -8.58 0.00	123.96 -7.06 0.00	140.96 -3.25 0.00	159.10 -6.90 0.00	189.31 -10.86 0.00	136.10 -6.43 20.90	116.58 -4.00 0.00	130.49 -5.60 2.55	130.60 -4.42 0.00	121.21 -3.70 0.00	110.23 -3.67 0.00	66.19 -2.23 0.00	77.17 -2.39 0.00	104.32 -3.81 0.00	152.50 -6.22 0.00	323.16 -11.88 0.00	164.75 -4.56 0.00	144.04 -5.90 0.00	142.81 -6.05 0.00	130.86 -6.01 0.00	134.40 -5.21 0.00
ARTHUR KILL_GT_1 23520	157.91 10.01 0.00	148.51 9.40 0.00	133.80 8.62 0.00	142.42 9.03 0.00	139.55 8.53 0.00	152.52 8.31 0.00	208.11 9.81 -32.31	366.65 11.34 -155.13	412.24 11.01 -237.79	316.13 9.05 -186.50	238.33 12.38 -87.31	293.29 11.49 -146.78	146.94 11.02 -11.01	129.40 9.93 -5.58	120.43 5.88 -46.14	-354.81 6.89 441.26	-73.34 9.24 190.71	188.93 12.47 -17.74	359.89 24.85 0.00	181.56 12.25 0.00	160.49 10.55 0.00	178.16 10.65 -18.66	300.17 10.40 -152.91	195.19 10.34 -45.24
ARTHUR_KILL_2 23512	157.49 9.60 0.00	148.10 8.99 0.00	133.42 8.25 0.00	141.99 8.60 0.00	139.14 8.12 0.00	152.05 7.84 0.00	207.55 9.24 -32.31	365.98 10.68 -155.13	411.72 10.50 -237.79	315.75 8.67 -186.50	237.91 11.96 -87.31	292.94 11.15 -146.78	146.60 10.68 -11.01	129.09 9.62 -5.58	120.25 5.71 -46.14	-355.05 6.65 441.26	-73.69 8.90 190.71	188.40 11.94 -17.74	358.64 23.60 0.00	180.90 11.59 0.00	159.91 9.97 0.00	177.62 10.10 -18.66	299.70 9.94 -152.91	194.72 9.87 -45.24
ARTHUR_KILL_3 23513	156.85 8.96 0.00	147.42 8.31 0.00	132.77 7.59 0.00	141.30 7.90 0.00	95.18 7.41 43.26	149.93 7.66 1.94	207.03 8.73 -32.31	366.47 9.87 -156.43	416.88 9.61 -243.84	330.96 8.20 -202.18	249.89 11.38 -99.88	296.28 10.78 -150.48	153.32 10.29 -18.11	151.53 9.43 -28.21	132.91 5.70 -58.80	503.18 6.63 -416.99	-1237.15 8.70 1353.98	169.58 10.86 0.00	356.28 21.24 0.00	179.63 10.32 0.00	158.81 8.87 0.00	157.77 8.91 0.00	145.70 8.84 0.00	145.39 8.92 3.14

ARTHUR_KILL_COGEN 323718	157.91 10.01 0.00	148.51 9.40 0.00	133.80 8.62 0.00	142.42 9.03 0.00	139.55 8.53 0.00	152.52 8.31 0.00	208.11 9.81 -32.31	366.65 11.34 -155.13	412.24 11.01 -237.79	316.13 9.05 -186.50	238.33 12.38 -87.31	293.29 11.49 -146.78	146.94 11.02 -11.01	129.40 9.93 -5.58	120.43 5.88 -46.14	-354.81 6.89 441.26	-73.34 9.24 190.71	188.93 12.47 -17.74	359.89 24.85 0.00	181.56 12.25 0.00	160.49 10.55 0.00	178.16 10.65 -18.66	300.17 10.40 -152.91	195.19 12.34 -45.24
ASHOKAN____ 23654	160.64 12.75 0.00	150.80 11.69 0.00	135.73 10.56 0.00	144.76 11.37 0.00	141.97 10.95 0.00	156.39 12.19 0.00	179.73 13.73 0.00	216.25 16.07 0.00	176.55 13.12 0.00	130.28 9.70 0.00	149.85 11.22 0.00	145.30 10.28 0.00	134.54 9.63 0.00	122.91 9.02 0.00	73.91 5.50 0.00	86.23 6.67 0.00	117.66 9.53 0.00	172.83 14.11 0.00	364.87 29.83 0.00	184.28 14.97 0.00	163.12 13.18 0.00	161.90 13.04 0.00	148.85 11.99 0.00	151.92 12.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	157.69 9.80 0.00	148.36 9.25 0.00	133.58 8.41 0.00	142.15 8.76 0.00	139.29 8.27 0.00	152.60 8.39 0.00	175.55 9.56 0.00	211.24 11.06 0.00	174.33 10.89 -0.01	129.71 9.12 -0.01	151.30 12.65 -0.01	147.09 12.07 -0.01	136.17 11.25 0.00	124.28 10.30 -0.08	74.74 6.24 -0.08	86.87 7.22 -0.09	117.82 9.46 -0.23	170.58 11.84 -0.02	358.11 23.07 0.00	180.87 11.56 0.00	159.91 9.96 0.00	158.92 10.06 0.00	146.75 9.74 -0.14	149.30 9.69 0.00
ASTORIA_EAST_ENERGY_CC2 323582	157.68 9.79 0.00	148.32 9.21 0.00	133.53 8.36 0.00	142.10 8.71 0.00	139.26 8.24 0.00	152.58 8.38 0.00	175.54 9.54 0.00	211.24 11.06 0.00	174.31 10.87 -0.01	129.71 9.12 -0.01	151.28 12.63 -0.01	147.09 12.07 -0.01	136.17 11.25 0.00	124.28 10.30 -0.08	74.74 6.24 -0.08	86.87 7.22 -0.09	117.82 9.46 -0.23	170.58 11.84 -0.02	358.11 23.07 0.00	180.87 11.56 0.00	159.91 9.96 0.00	158.92 10.06 0.00	146.75 9.74 -0.14	149.29 9.68 0.00
ASTORIA_GT2_1 24094	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT2_2 24095	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT2_3 24096	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT2_4 24097	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT3_1 24098	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT3_2 24099	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT3_3 24100	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT3_4 24101	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT4_1 24102	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT4_2 24103	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT4_3 24104	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01

ASTORIA_GT4_4 24105	157.74 9.85 0.00	148.40 9.28 0.00	133.58 8.41 0.00	142.17 8.78 0.00	139.33 8.31 0.00	152.63 8.43 0.00	175.58 9.59 0.00	211.33 11.15 0.00	174.37 10.93 -0.01	129.81 9.23 -0.01	151.34 12.69 -0.01	147.14 12.12 -0.01	136.24 11.32 0.00	124.32 10.35 -0.08	74.77 6.28 -0.08	86.92 7.28 -0.09	117.88 9.52 -0.23	170.62 11.89 -0.02	358.33 23.29 0.00	180.97 11.66 0.00	160.03 10.09 0.00	158.96 10.11 0.00	146.81 9.81 -0.14	149.35 9.74 -0.01
ASTORIA_GT_1 23523	158.06 10.17 0.00	148.66 9.55 0.00	133.84 8.67 0.00	142.41 9.02 0.00	139.58 8.56 0.00	152.95 8.74 0.00	175.98 9.98 0.00	211.84 11.66 0.00	174.73 11.28 -0.01	130.08 9.50 -0.01	151.67 13.02 -0.01	147.44 12.42 -0.01	136.53 11.62 0.00	124.61 10.64 -0.08	74.93 6.44 -0.08	87.10 7.46 -0.09	118.12 9.76 -0.23	171.04 12.31 -0.02	359.12 24.08 0.00	181.38 12.07 0.00	160.35 10.41 0.00	159.35 10.49 0.00	147.10 10.10 -0.14	149.63 10.02 0.00
ASTORIA_GT_10 24110	158.43 10.53 0.00	148.91 9.79 0.00	134.10 8.92 0.00	142.72 9.33 0.00	139.85 8.83 0.00	153.15 8.94 0.00	176.15 10.16 0.00	211.99 11.82 0.00	182.41 11.43 -7.55	134.54 9.51 -4.46	156.11 12.91 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.85 -228.08	188.73 12.28 -17.74	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	159.06 10.20 0.00	281.37 10.29 -134.21	155.69 10.35 -5.73
ASTORIA_GT_11 24225	158.43 10.53 0.00	148.91 9.79 0.00	134.10 8.92 0.00	142.72 9.33 0.00	139.85 8.83 0.00	153.15 8.94 0.00	176.15 10.16 0.00	211.99 11.82 0.00	182.41 11.43 -7.55	134.54 9.51 -4.46	156.11 12.91 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.85 -228.08	188.73 12.28 -17.74	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	159.06 10.20 0.00	281.37 10.29 -134.21	155.69 10.35 -5.73
ASTORIA_GT_12 24226	158.43 10.53 0.00	148.91 9.79 0.00	134.10 8.92 0.00	142.72 9.33 0.00	139.85 8.83 0.00	153.15 8.94 0.00	176.15 10.16 0.00	211.99 11.82 0.00	182.41 11.43 -7.55	134.54 9.51 -4.46	156.11 12.91 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.85 -228.08	188.73 12.28 -17.74	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	159.06 10.20 0.00	281.37 10.29 -134.21	155.69 10.35 -5.73
ASTORIA_GT_13 24227	158.43 10.53 0.00	148.91 9.79 0.00	134.10 8.92 0.00	142.72 9.33 0.00	139.85 8.83 0.00	153.15 8.94 0.00	176.15 10.16 0.00	211.99 11.82 0.00	182.41 11.43 -7.55	134.54 9.51 -4.46	156.11 12.91 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.85 -228.08	188.73 12.28 -17.74	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	159.06 10.20 0.00	281.37 10.29 -134.21	155.69 10.35 -5.73
ASTORIA_GT_5 24106	158.05 10.15 0.00	148.66 9.55 0.00	133.83 8.66 0.00	142.41 9.02 0.00	139.58 8.56 0.00	152.95 8.74 0.00	175.96 9.97 0.00	211.83 11.65 0.00	174.71 11.27 -0.01	130.08 9.49 -0.01	151.65 13.00 -0.01	147.44 12.42 -0.01	136.53 11.62 0.00	124.60 10.63 -0.08	74.94 6.45 -0.08	87.11 7.46 -0.09	118.12 9.76 -0.23	171.00 12.26 -0.02	359.12 24.08 0.00	181.38 12.07 0.00	160.35 10.41 0.00	159.32 10.46 0.00	147.09 10.08 -0.14	149.63 10.01 -0.01
ASTORIA_GT_7 24107	158.05 10.15 0.00	148.66 9.55 0.00	133.83 8.66 0.00	142.41 9.02 0.00	139.58 8.56 0.00	152.95 8.74 0.00	175.96 9.97 0.00	211.83 11.65 0.00	174.71 11.27 -0.01	130.08 9.49 -0.01	151.65 13.00 -0.01	147.44 12.42 -0.01	136.53 11.62 0.00	124.60 10.63 -0.08	74.94 6.45 -0.08	87.11 7.46 -0.09	118.12 9.76 -0.23	171.00 12.26 -0.02	359.12 24.08 0.00	181.38 12.07 0.00	160.35 10.41 0.00	159.32 10.46 0.00	147.09 10.08 -0.14	149.63 10.01 -0.01
ASTORIA_GT_8 24108	158.05 10.15 0.00	148.66 9.55 0.00	133.83 8.66 0.00	142.41 9.02 0.00	139.58 8.56 0.00	152.95 8.74 0.00	175.96 9.97 0.00	211.83 11.65 0.00	174.71 11.27 -0.01	130.08 9.49 -0.01	151.65 13.00 -0.01	147.44 12.42 -0.01	136.53 11.62 0.00	124.60 10.63 -0.08	74.94 6.45 -0.08	87.11 7.46 -0.09	118.12 9.76 -0.23	171.00 12.26 -0.02	359.12 24.08 0.00	181.38 12.07 0.00	160.35 10.41 0.00	159.32 10.46 0.00	147.09 10.08 -0.14	149.63 10.01 -0.01
ASTORIA___2 24149	157.75 9.86 0.00	148.38 9.27 0.00	133.61 8.44 0.00	142.17 8.78 0.00	139.34 8.32 0.00	152.64 8.44 0.00	175.60 9.60 0.00	211.37 11.19 0.00	174.39 10.95 -0.01	129.79 9.21 -0.01	151.32 12.67 -0.01	147.13 12.11 -0.01	136.24 11.32 0.00	124.33 10.36 -0.08	74.77 6.28 -0.08	86.92 7.27 -0.09	117.88 9.51 -0.23	170.68 11.95 -0.02	358.30 23.26 0.00	180.96 11.65 0.00	160.03 10.09 0.00	158.98 10.12 0.00	146.82 9.81 -0.14	149.36 9.75 0.00
ASTORIA___3 23516	158.43 10.53 0.00	148.92 9.81 0.00	134.12 8.94 0.00	142.71 9.32 0.00	139.88 8.86 0.00	153.15 8.94 0.00	176.17 10.17 0.00	212.01 11.83 0.00	182.40 11.41 -7.55	134.53 9.50 -4.46	156.09 12.90 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.84 -228.08	188.74 12.29 -17.74	358.96 23.92 0.00	181.06 11.75 0.00	160.07 10.13 0.00	159.07 10.21 0.00	281.37 10.30 -134.21	155.69 10.35 -5.73
ASTORIA___4 23517	158.43 10.53 0.00	148.91 9.79 0.00	134.10 8.92 0.00	142.72 9.33 0.00	139.85 8.83 0.00	153.15 8.94 0.00	176.15 10.16 0.00	211.99 11.82 0.00	182.41 11.43 -7.55	134.54 9.51 -4.46	156.11 12.91 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.85 -228.08	188.73 12.28 -17.74	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	159.06 10.20 0.00	281.37 10.29 -134.21	155.69 10.35 -5.73
ASTORIA___5 23518	158.43 10.53 0.00	148.92 9.81 0.00	134.12 8.94 0.00	142.71 9.32 0.00	139.88 8.86 0.00	153.15 8.94 0.00	176.17 10.17 0.00	212.01 11.83 0.00	182.40 11.41 -7.55	134.53 9.50 -4.46	156.09 12.90 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.84 -228.08	188.74 12.29 -17.74	358.96 23.92 0.00	181.06 11.75 0.00	160.07 10.13 0.00	159.07 10.21 0.00	281.37 10.30 -134.21	155.69 10.35 -5.73
AST_ENERGY_2_CC3 323677	157.62 9.73 0.00	148.24 9.14 0.00	133.50 8.32 0.00	142.07 8.68 0.00	139.04 8.02 0.00	152.34 8.13 0.00	174.98 8.98 0.00	210.40 10.23 0.00	173.86 10.43 0.00	129.36 8.78 0.00	150.98 12.35 0.00	146.61 11.59 0.00	135.90 10.98 0.00	123.81 9.92 0.00	74.39 5.98 0.00	86.51 6.95 0.00	117.39 9.26 0.00	170.35 11.64 0.00	357.40 22.36 0.00	180.23 10.92 0.00	159.30 9.36 0.00	158.27 9.42 0.00	146.09 9.22 0.00	149.19 9.58 0.00
AST_ENERGY_2_CC4 323678	157.62 9.73 0.00	148.24 9.14 0.00	133.50 8.32 0.00	142.07 8.68 0.00	139.04 8.02 0.00	152.34 8.13 0.00	174.98 8.98 0.00	210.40 10.23 0.00	173.86 10.43 0.00	129.36 8.78 0.00	150.98 12.35 0.00	146.61 11.59 0.00	135.90 10.98 0.00	123.81 9.92 0.00	74.39 5.98 0.00	86.51 6.95 0.00	117.39 9.26 0.00	170.35 11.64 0.00	357.40 22.36 0.00	180.23 10.92 0.00	159.30 9.36 0.00	158.27 9.42 0.00	146.09 9.22 0.00	149.19 9.58 0.00

ATHENS_STG_1 23668	154.04 6.15 0.00	144.82 5.71 0.00	130.40 5.23 0.00	138.98 5.59 0.00	136.30 5.28 0.00	149.50 5.30 0.00	171.99 6.00 0.00	206.59 6.41 0.00	169.20 5.76 0.00	125.67 5.09 0.00	145.32 6.68 0.00	141.31 6.29 0.00	131.12 6.21 0.00	119.76 5.87 0.00	71.96 3.55 0.00	83.61 4.05 0.00	113.60 5.47 0.00	165.42 6.70 0.00	348.07 13.03 0.00	175.73 6.41 0.00	155.67 5.73 0.00	154.92 6.06 0.00	142.74 5.88 0.00	145.68 6.07 0.00
ATHENS_STG_2 23670	154.04 6.15 0.00	144.82 5.71 0.00	130.40 5.23 0.00	138.98 5.59 0.00	136.30 5.28 0.00	149.50 5.30 0.00	171.99 6.00 0.00	206.59 6.41 0.00	169.20 5.76 0.00	125.67 5.09 0.00	145.32 6.68 0.00	141.31 6.29 0.00	131.12 6.21 0.00	119.76 5.87 0.00	71.96 3.55 0.00	83.61 4.05 0.00	113.60 5.47 0.00	165.42 6.70 0.00	348.07 13.03 0.00	175.73 6.41 0.00	155.67 5.73 0.00	154.92 6.06 0.00	142.74 5.88 0.00	145.68 6.07 0.00
ATHENS_STG_3 23677	154.04 6.15 0.00	144.82 5.71 0.00	130.40 5.23 0.00	138.98 5.59 0.00	136.30 5.28 0.00	149.50 5.30 0.00	171.99 6.00 0.00	206.59 6.41 0.00	169.20 5.76 0.00	125.67 5.09 0.00	145.32 6.68 0.00	141.31 6.29 0.00	131.12 6.21 0.00	119.76 5.87 0.00	71.96 3.55 0.00	83.61 4.05 0.00	113.60 5.47 0.00	165.42 6.70 0.00	348.07 13.03 0.00	175.73 6.41 0.00	155.67 5.73 0.00	154.92 6.06 0.00	142.74 5.88 0.00	145.68 6.07 0.00
AUBURN___LFGE 323710	146.27 -1.63 0.00	137.53 -1.57 0.00	123.53 -1.65 0.00	132.14 -1.25 0.00	130.08 -0.94 0.00	144.31 0.11 0.00	183.16 -0.35 -17.52	220.90 -1.12 -21.85	179.04 -0.07 -15.68	120.86 0.28 0.00	139.55 0.13 -0.79	135.18 0.17 0.00	125.05 0.13 0.00	113.95 0.06 0.00	68.47 0.06 0.00	79.45 -0.11 0.00	107.86 -0.27 0.00	158.87 0.15 0.00	336.25 1.21 0.00	170.28 0.97 0.00	149.42 -0.52 0.00	147.95 -0.91 0.00	136.08 -0.78 0.00	138.19 -1.42 0.00
BABYLON_RES_REC 323704	158.92 11.03 0.00	150.54 11.43 0.00	144.34 10.89 -8.28	144.53 11.14 0.00	141.56 10.54 0.00	154.97 10.76 0.00	177.39 11.39 0.00	213.27 13.10 0.00	174.66 11.23 0.00	130.54 9.97 0.00	150.99 12.36 0.00	146.66 11.64 0.00	137.02 12.11 0.00	141.92 11.37 -16.67	144.19 7.31 -68.47	136.44 8.48 -48.40	140.30 11.49 -20.68	173.11 14.40 0.00	363.13 28.09 0.00	183.41 14.10 0.00	162.66 12.72 0.00	161.53 12.68 0.00	149.50 12.64 0.00	152.09 12.48 0.00
BABYLON__69_KV_BK2 356345	160.56 12.66 0.00	152.21 13.10 0.00	145.91 12.46 -8.28	146.19 12.80 0.00	143.19 12.16 0.00	156.81 12.60 0.00	179.42 13.42 0.00	215.66 15.49 0.00	176.50 13.07 0.00	131.92 11.35 0.00	152.43 13.80 0.00	148.17 13.15 0.00	138.52 13.60 0.00	143.35 12.80 -16.67	145.07 8.19 -68.47	137.45 9.49 -48.40	141.70 12.90 -20.68	175.25 16.54 0.00	367.83 32.79 0.00	185.91 16.60 0.00	164.86 14.91 0.00	163.62 14.76 0.00	151.41 14.54 0.00	153.93 14.32 0.00
BALL_HILL_WT_PWR 323825	136.46 -11.43 0.00	128.53 -10.57 0.00	115.13 -10.05 0.00	124.08 -9.31 0.00	122.92 -8.10 0.00	139.17 -5.04 0.00	156.69 -9.30 0.00	186.70 -13.48 0.00	135.36 -8.78 19.30	114.56 -6.02 0.00	128.49 -7.75 2.39	128.31 -6.70 0.00	118.96 -5.95 0.00	108.24 -5.65 0.00	65.10 -3.31 0.00	75.90 -3.66 0.00	102.39 -5.74 0.00	149.53 -9.18 0.00	316.99 -18.04 0.00	161.91 -7.40 0.00	141.70 -8.24 0.00	140.43 -8.43 0.00	128.74 -8.12 0.00	132.25 -7.36 0.00
BARON_WINDS___WT_PWR 323822	139.27 -8.63 0.00	131.14 -7.97 0.00	116.81 -8.36 0.00	125.66 -7.73 0.00	124.20 -6.82 0.00	139.16 -5.05 0.00	158.12 -7.87 0.00	189.26 -10.92 0.00	166.16 -6.78 -9.50	115.82 -4.76 0.00	128.43 -6.15 4.05	128.97 -6.05 0.00	119.81 -5.10 0.00	109.23 -4.66 0.00	65.65 -2.76 0.00	76.79 -2.77 0.00	104.43 -3.71 0.00	152.34 -6.38 0.00	323.20 -11.85 0.00	164.98 -4.33 0.00	145.15 -4.79 0.00	144.39 -4.47 0.00	132.21 -4.65 0.00	135.20 -4.41 0.00
BARRETT_IC_1 23704	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_10 23701	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_11 23702	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_12 23703	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_2 23705	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_3 23706	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_4 23707	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00

BARRETT_IC_5 23708	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_6 23709	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_7 23710	157.96 10.07 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.23 9.21 0.00	153.50 9.29 0.00	175.87 9.87 0.00	211.05 10.87 0.00	173.23 9.79 0.00	129.23 8.65 0.00	150.31 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.84 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.14 0.00	181.42 12.11 0.00	160.85 10.91 0.00	160.01 11.15 0.00	148.00 11.13 0.00	150.77 11.17 0.00
BARRETT_IC_8 23711	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT_IC_9 23700	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT___1 23545	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BARRETT___2 23546	157.98 10.09 0.00	149.34 10.23 0.00	143.02 9.57 -8.28	143.25 9.86 0.00	140.24 9.22 0.00	153.50 9.29 0.00	175.89 9.90 0.00	211.04 10.86 0.00	173.22 9.78 0.00	129.22 8.64 0.00	150.30 11.67 0.00	146.42 11.40 0.00	136.45 11.53 0.00	141.40 10.85 -16.67	143.58 6.70 -68.47	135.74 7.78 -48.40	139.14 10.33 -20.68	171.33 12.61 0.00	359.18 24.13 0.00	181.43 12.11 0.00	160.83 10.89 0.00	160.00 11.14 0.00	148.00 11.13 0.00	150.76 11.15 0.00
BATAVIA__115KV_TB1 55881	139.30 -8.59 0.00	130.66 -8.45 0.00	116.93 -8.24 0.00	125.79 -7.60 0.00	124.59 -6.44 0.00	140.74 -3.47 0.00	158.49 -7.51 0.00	189.39 -10.79 0.00	156.63 -6.81 0.00	115.68 -4.89 0.00	130.56 -6.40 1.68	129.46 -5.55 0.00	119.62 -5.29 0.00	108.78 -5.11 0.00	65.56 -2.85 0.00	76.39 -3.17 0.00	102.80 -5.33 0.00	150.73 -7.98 0.00	319.95 -15.09 0.00	163.34 -5.98 0.00	142.95 -6.99 0.00	141.29 -7.57 0.00	129.31 -7.56 0.00	132.69 -6.91 0.00
BAYONEEC___CTG1 323682	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG10 323750	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG2 323683	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG3 323684	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG4 323685	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG5 323686	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG6 323687	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00

BAYONEEC___CTG7 323688	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG8 323689	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BAYONEEC___CTG9 323749	157.58 9.68 0.00	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	-30.95 8.10 170.07	50.78 8.13 101.56	60.45 9.23 114.78	103.02 10.60 107.75	173.90 10.47 0.00	129.43 8.85 0.00	150.82 12.19 0.00	146.58 11.57 0.00	135.91 10.99 0.00	123.87 9.98 0.00	74.45 6.04 0.00	84.20 7.00 2.37	117.39 9.26 0.00	170.41 11.69 0.00	357.91 22.87 0.00	180.48 11.17 0.00	159.56 9.62 0.00	158.51 9.65 0.00	146.33 9.47 0.00	149.20 9.59 0.00
BEACON___LESR 323632	154.59 6.69 0.00	145.05 5.94 0.00	130.42 5.24 0.00	139.13 5.74 0.00	136.42 5.40 0.00	149.45 5.24 0.00	172.16 6.16 0.00	206.68 6.50 0.00	168.47 5.04 0.00	125.17 4.59 0.00	144.27 5.64 0.00	140.01 4.99 0.00	130.22 5.30 0.00	119.23 5.34 0.00	71.58 3.17 0.00	83.37 3.81 0.00	113.26 5.13 0.00	165.35 6.64 0.00	348.37 13.33 0.00	175.47 6.16 0.00	155.67 5.73 0.00	154.68 5.83 0.00	142.48 5.61 0.00	145.94 6.34 0.00
BEAVER RIVER___HYD 24048	157.47 5.67 -3.90	152.55 4.44 -9.00	137.80 3.79 -8.83	139.81 4.28 -2.13	143.82 4.62 -8.18	150.03 5.27 -0.55	446.47 8.52 -271.95	550.87 11.56 -339.13	415.87 9.10 -243.33	125.30 4.73 0.00	142.08 3.44 0.00	138.25 3.24 0.00	127.48 2.57 0.00	116.10 2.21 0.00	68.28 -0.12 0.00	78.76 -0.80 0.00	108.60 0.47 0.00	163.34 4.63 0.00	350.38 15.34 0.00	178.01 8.69 0.00	156.76 6.82 0.00	155.38 6.52 0.00	143.15 6.28 0.00	146.16 6.55 0.00
BEEBEE_GT_13 23619	139.38 -8.52 0.00	130.89 -8.22 0.00	117.38 -7.79 0.00	125.92 -7.47 0.00	124.45 -6.57 0.00	139.62 -4.59 0.00	158.58 -7.41 0.00	189.77 -10.40 0.00	156.39 -7.05 0.00	115.63 -4.95 0.00	131.14 -6.21 1.29	129.47 -5.54 0.00	119.81 -5.10 0.00	109.13 -4.76 0.00	65.69 -2.71 0.00	76.51 -3.05 0.00	103.30 -4.83 0.00	151.34 -7.37 0.00	320.60 -14.44 0.00	163.13 -6.18 0.00	143.24 -6.70 0.00	141.64 -7.22 0.00	129.74 -7.12 0.00	132.77 -6.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	159.89 12.00 0.00	150.30 11.19 0.00	135.29 10.12 0.00	143.97 10.58 0.00	141.11 10.09 0.00	154.40 10.19 0.00	210.15 11.85 -32.31	369.18 13.87 -155.13	433.00 13.23 -256.33	434.60 10.82 -303.21	390.16 14.43 -237.09	353.42 13.68 -204.73	271.36 12.94 -133.51	619.27 11.76 -493.62	429.86 7.03 -354.42	618.20 8.17 -530.46	480.77 10.70 -361.94	190.29 13.83 -17.74	362.40 27.36 0.00	182.86 13.55 0.00	161.62 11.68 0.00	179.30 11.79 -18.66	301.45 11.68 -152.91	196.61 11.76 -45.24
BETHLEHEM___GRP 23843	151.48 3.59 0.00	142.18 3.07 0.00	128.00 2.83 0.00	136.38 2.99 0.00	133.65 2.63 0.00	146.33 2.13 0.00	168.32 2.32 0.00	201.90 1.72 0.00	165.17 1.74 0.00	122.57 1.99 0.00	141.50 2.86 0.00	137.46 2.45 0.00	127.74 2.83 0.00	116.95 3.06 0.00	70.36 1.95 0.00	81.75 2.19 0.00	110.78 2.66 0.00	161.50 2.79 0.00	340.21 5.17 0.00	171.59 2.29 0.00	152.18 2.24 0.00	151.38 2.52 0.00	139.59 2.72 0.00	142.91 3.30 0.00
BETHLEHEM___GS1 323560	151.48 3.59 0.00	142.18 3.07 0.00	128.01 2.83 0.00	136.38 2.99 0.00	133.65 2.63 0.00	146.33 2.13 0.00	168.32 2.32 0.00	201.91 1.73 0.00	165.17 1.74 0.00	122.56 1.99 0.00	141.48 2.84 0.00	137.46 2.44 0.00	127.74 2.83 0.00	116.93 3.04 0.00	70.36 1.95 0.00	81.75 2.19 0.00	110.79 2.65 0.00	161.50 2.79 0.00	340.20 5.16 0.00	171.59 2.28 0.00	152.17 2.23 0.00	151.37 2.52 0.00	139.59 2.72 0.00	142.90 3.29 0.00
BETHLEHEM___GS2 323561	151.48 3.59 0.00	142.18 3.07 0.00	128.01 2.83 0.00	136.38 2.99 0.00	133.65 2.63 0.00	146.33 2.13 0.00	168.32 2.32 0.00	201.91 1.73 0.00	165.17 1.74 0.00	122.56 1.99 0.00	141.48 2.84 0.00	137.46 2.44 0.00	127.74 2.83 0.00	116.93 3.04 0.00	70.36 1.95 0.00	81.75 2.19 0.00	110.79 2.65 0.00	161.50 2.79 0.00	340.20 5.16 0.00	171.59 2.28 0.00	152.17 2.23 0.00	151.37 2.52 0.00	139.59 2.72 0.00	142.90 3.29 0.00
BETHLEHEM___GS3 323562	151.48 3.59 0.00	142.18 3.07 0.00	128.01 2.83 0.00	136.38 2.99 0.00	133.65 2.63 0.00	146.33 2.13 0.00	168.32 2.32 0.00	201.91 1.73 0.00	165.17 1.74 0.00	122.56 1.99 0.00	141.48 2.84 0.00	137.46 2.44 0.00	127.74 2.83 0.00	116.93 3.04 0.00	70.36 1.95 0.00	81.75 2.19 0.00	110.79 2.65 0.00	161.50 2.79 0.00	340.20 5.16 0.00	171.59 2.28 0.00	152.17 2.23 0.00	151.37 2.52 0.00	139.59 2.72 0.00	142.90 3.29 0.00
BETHLEHEM___STEEL 23779	137.02 -10.87 0.00	128.71 -10.40 0.00	115.20 -9.97 0.00	124.16 -9.23 0.00	123.00 -8.02 0.00	139.22 -4.99 0.00	156.59 -9.41 0.00	186.40 -13.78 0.00	154.48 -8.96 0.00	114.15 -6.42 0.00	128.14 -8.17 2.32	127.75 -7.26 0.00	118.32 -6.59 0.00	107.67 -6.23 0.00	64.88 -3.53 0.00	75.72 -3.84 0.00	101.86 -6.27 0.00	148.75 -9.97 0.00	315.39 -19.65 0.00	161.32 -7.98 0.00	141.27 -8.67 0.00	139.85 -9.01 0.00	128.28 -8.59 0.00	131.71 -7.90 0.00
BETHLHEM_115KV_TB1 79974	151.75 3.86 0.00	142.47 3.36 0.00	128.26 3.08 0.00	136.65 3.26 0.00	133.99 2.97 0.00	146.68 2.48 0.00	168.74 2.74 0.00	202.43 2.25 0.00	165.65 2.22 0.00	122.90 2.32 0.00	141.83 3.19 0.00	137.86 2.84 0.00	128.03 3.12 0.00	117.19 3.30 0.00	70.48 2.07 0.00	81.91 2.35 0.00	111.08 2.95 0.00	161.92 3.21 0.00	341.19 6.15 0.00	172.07 2.76 0.00	152.58 2.65 0.00	151.83 2.97 0.00	139.97 3.10 0.00	143.21 3.60 0.00
BETHPAGE_CC_5 323564	158.39 10.50 0.00	149.87 10.76 0.00	143.66 10.21 -8.28	143.89 10.50 0.00	140.81 9.79 0.00	154.02 9.81 0.00	176.40 10.40 0.00	211.96 11.78 0.00	173.85 10.42 0.00	129.88 9.31 0.00	150.34 11.70 0.00	146.09 11.08 0.00	136.36 11.45 0.00	141.40 10.84 -16.67	143.67 6.78 -68.47	135.82 7.86 -48.40	139.33 10.52 -20.68	171.50 12.78 0.00	359.61 24.56 0.00	181.71 12.39 0.00	161.18 11.24 0.00	160.23 11.37 0.00	148.33 11.46 0.00	150.98 11.38 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	137.98 -9.91 0.00	129.63 -9.48 0.00	116.04 -9.13 0.00	125.07 -8.32 0.00	123.88 -7.14 0.00	140.18 -4.03 0.00	157.75 -8.24 0.00	187.83 -12.34 0.00	155.68 -7.75 0.00	115.05 -5.53 0.00	129.08 -7.19 2.37	128.77 -6.25 0.00	119.26 -5.65 0.00	108.55 -5.34 0.00	65.40 -3.01 0.00	76.30 -3.26 0.00	102.71 -5.43 0.00	149.94 -8.78 0.00	317.98 -17.06 0.00	162.62 -6.69 0.00	142.38 -7.56 0.00	140.96 -7.90 0.00	129.25 -7.62 0.00	132.70 -6.91 0.00

BINGHAMTON___COGEN 23790	146.32 -1.57 0.00	137.61 -1.50 0.00	123.56 -1.62 0.00	132.24 -1.15 0.00	129.98 -1.04 0.00	144.13 -0.07 0.00	165.10 -0.89 0.00	198.49 -1.69 0.00	162.99 -0.44 0.00	120.78 0.21 0.00	137.87 0.31 1.08	135.45 0.43 0.00	125.60 0.68 0.00	114.37 0.48 0.00	68.54 0.13 0.00	79.73 0.17 0.00	108.56 0.43 0.00	158.69 -0.02 0.00	334.90 -0.14 0.00	169.83 0.52 0.00	149.64 -0.30 0.00	148.65 -0.21 0.00	136.39 -0.48 0.00	139.13 -0.48 0.00
BIXINCNT_115KV_LOAD 355685	139.65 -8.24 0.00	131.93 -7.18 0.00	118.72 -6.45 0.00	128.04 -5.35 0.00	126.42 -4.61 0.00	143.22 -0.99 0.00	161.46 -4.54 0.00	192.82 -7.36 0.00	159.57 -3.87 0.00	117.81 -2.76 0.00	131.97 -4.05 2.62	131.93 -3.08 0.00	122.60 -2.31 0.00	111.61 -2.28 0.00	67.03 -1.38 0.00	78.20 -1.36 0.00	105.46 -2.66 0.00	154.22 -4.49 0.00	327.13 -7.91 0.00	167.37 -1.94 0.00	146.55 -3.39 0.00	145.47 -3.39 0.00	133.20 -3.67 0.00	136.72 -2.88 0.00
BLACK RIVER___HYD 24047	158.70 8.02 -2.79	152.03 6.49 -6.43	137.01 5.52 -6.31	141.20 6.29 -1.52	143.59 6.72 -5.85	152.42 7.81 -0.40	371.46 11.09 -194.37	457.20 14.63 -242.39	349.03 11.68 -173.92	126.98 6.41 0.00	143.63 5.00 0.00	139.36 4.35 0.00	128.48 3.57 0.00	116.95 3.06 0.00	68.95 0.54 0.00	79.54 -0.02 0.00	110.07 1.94 0.00	166.68 7.96 0.00	359.45 24.41 0.00	182.50 13.19 0.00	160.27 10.32 0.00	158.78 9.92 0.00	146.12 9.26 0.00	149.00 9.39 0.00
BLACKRVR_115KV_TB2 79977	158.70 8.02 -2.79	152.03 6.49 -6.43	137.01 5.52 -6.31	141.20 6.29 -1.52	143.58 6.71 -5.85	152.42 7.82 -0.40	371.48 11.11 -194.37	457.24 14.67 -242.39	349.04 11.69 -173.92	126.98 6.41 0.00	143.64 5.00 0.00	139.35 4.34 0.00	128.48 3.57 0.00	116.95 3.06 0.00	68.95 0.54 0.00	79.54 -0.02 0.00	110.07 1.94 0.00	166.68 7.97 0.00	359.45 24.41 0.00	182.50 13.19 0.00	160.27 10.33 0.00	158.78 9.92 0.00	146.12 9.26 0.00	149.00 9.39 0.00
BLISS_WT_PWR 323608	139.06 -8.83 0.00	131.58 -7.53 0.00	118.53 -6.64 0.00	127.88 -5.51 0.00	126.29 -4.73 0.00	143.18 -1.02 0.00	161.43 -4.57 0.00	192.85 -7.33 0.00	137.24 -3.85 22.34	117.81 -2.76 0.00	131.83 -4.19 2.62	131.84 -3.17 0.00	122.58 -2.34 0.00	111.60 -2.29 0.00	67.04 -1.37 0.00	78.25 -1.32 0.00	105.52 -2.61 0.00	154.33 -4.39 0.00	327.53 -7.51 0.00	167.59 -1.72 0.00	146.79 -3.16 0.00	145.73 -3.13 0.00	133.33 -3.53 0.00	136.93 -2.68 0.00
BLUESTONE___WT_PWR 323821	147.10 -0.79 0.00	138.25 -0.86 0.00	124.89 -0.29 0.00	134.97 1.58 0.00	133.62 2.60 0.00	150.39 6.18 0.00	174.18 8.18 0.00	210.91 10.73 0.00	178.09 10.40 -4.26	128.82 8.24 0.00	149.44 9.63 -1.17	143.89 8.87 0.00	132.82 7.90 0.00	119.61 5.73 0.00	70.73 2.32 0.00	82.10 2.54 0.00	112.46 4.33 0.00	167.52 8.81 0.00	352.77 17.73 0.00	179.43 10.12 0.00	158.30 8.36 0.00	156.95 8.09 0.00	144.41 7.55 0.00	146.99 7.38 0.00
BLUE_CIRC_CHEM_DRP 24182	153.10 5.20 0.00	143.82 4.71 0.00	129.45 4.28 0.00	137.98 4.59 0.00	135.33 4.31 0.00	148.53 4.33 0.00	170.59 4.59 0.00	204.58 4.40 0.00	166.70 3.26 0.00	123.21 2.63 0.00	142.00 3.36 0.00	138.03 3.01 0.00	128.13 3.22 0.00	117.17 3.28 0.00	70.42 2.01 0.00	82.00 2.44 0.00	111.83 3.70 0.00	163.46 4.75 0.00	344.48 9.44 0.00	173.81 4.50 0.00	154.07 4.13 0.00	153.30 4.44 0.00	141.24 4.38 0.00	144.51 4.90 0.00
BOC_GAS_DRP 24189	152.17 4.28 0.00	142.98 3.87 0.00	128.71 3.53 0.00	137.18 3.79 0.00	134.54 3.52 0.00	147.51 3.31 0.00	169.66 3.66 0.00	203.70 3.52 0.00	166.69 3.26 0.00	123.64 3.06 0.00	142.66 4.02 0.00	138.74 3.72 0.00	128.73 3.82 0.00	117.70 3.81 0.00	70.74 2.33 0.00	82.23 2.67 0.00	111.66 3.52 0.00	162.81 4.09 0.00	342.94 7.89 0.00	173.09 3.78 0.00	153.44 3.50 0.00	152.65 3.80 0.00	140.67 3.81 0.00	143.70 4.10 0.00
BOONVILLE_115KV_TB1 79983	154.65 5.20 -1.56	146.89 4.18 -3.60	132.61 3.90 -3.54	138.59 4.34 -0.85	138.85 4.55 -3.28	149.75 5.32 -0.22	282.91 7.10 -109.81	346.09 8.98 -136.94	269.06 7.37 -98.25	125.54 4.97 0.00	143.49 4.85 0.00	139.67 4.65 0.00	129.01 4.10 0.00	117.63 3.74 0.00	69.80 1.39 0.00	80.91 1.35 0.00	110.86 2.73 0.00	164.42 5.71 0.00	349.39 14.35 0.00	177.05 7.74 0.00	156.31 6.38 0.00	154.95 6.09 0.00	142.53 5.67 0.00	145.43 5.82 0.00
BORALEX_4TH_BRANCH 23824	157.84 9.94 0.00	147.49 8.38 0.00	132.64 7.47 0.00	141.49 8.10 0.00	138.77 7.74 0.00	152.05 7.84 0.00	175.42 9.42 0.00	210.10 9.92 0.00	171.30 7.86 0.00	127.33 6.75 0.00	146.74 8.10 0.00	142.54 7.52 0.00	131.94 7.02 0.00	120.79 6.89 0.00	72.62 4.20 0.00	84.56 5.00 0.00	115.03 6.90 0.00	167.45 8.73 0.00	353.01 17.97 0.00	177.92 8.61 0.00	158.07 8.13 0.00	157.54 8.68 0.00	145.07 8.21 0.00	148.49 8.89 0.00
BOWLINE___1 23526	155.96 8.07 0.00	146.64 7.53 0.00	132.11 6.94 0.00	140.65 7.26 0.00	137.88 6.86 0.00	151.34 7.14 0.00	174.05 8.05 0.00	209.10 8.93 0.00	171.73 8.29 0.00	127.79 7.22 0.00	148.32 9.69 0.00	144.11 9.09 0.00	133.71 8.80 0.00	122.23 8.34 0.00	73.40 5.00 0.00	85.31 5.75 0.00	115.81 7.68 0.00	168.54 9.82 0.00	354.66 19.62 0.00	178.85 9.54 0.00	158.21 8.27 0.00	157.25 8.39 0.00	145.09 8.23 0.00	147.81 8.20 0.00
BOWLINE___2 23595	155.96 8.07 0.00	146.64 7.53 0.00	132.11 6.94 0.00	140.65 7.26 0.00	137.88 6.86 0.00	151.36 7.15 0.00	174.05 8.05 0.00	209.10 8.93 0.00	171.73 8.29 0.00	127.79 7.22 0.00	148.33 9.70 0.00	144.11 9.09 0.00	133.71 8.80 0.00	122.24 8.35 0.00	73.40 5.00 0.00	85.31 5.75 0.00	115.81 7.68 0.00	168.54 9.82 0.00	354.66 19.62 0.00	178.86 9.55 0.00	158.22 8.28 0.00	157.26 8.40 0.00	145.11 8.24 0.00	147.81 8.20 0.00
BRADY___115KV_TB2 356060	153.30 0.46 -4.95	151.09 0.57 -11.40	136.80 0.42 -11.20	136.27 0.17 -2.70	141.69 0.30 -10.37	144.94 0.03 -0.70	868.42 3.96 -698.46	1078.24 7.06 -871.00	792.21 3.81 -624.96	119.26 -1.32 0.00	135.18 -3.45 0.00	132.57 -2.45 0.00	122.23 -2.68 0.00	110.85 -3.04 0.00	66.57 -1.84 0.00	77.42 -2.14 0.00	105.20 -2.93 0.00	157.44 -1.27 0.00	334.37 -0.67 0.00	169.40 0.09 0.00	150.32 0.38 0.00	148.90 0.04 0.00	136.63 -0.23 0.00	139.39 -0.22 0.00
BRANSCOMB___SOLAR 323811	158.53 10.63 0.00	148.47 9.36 0.00	133.52 8.35 0.00	142.51 9.12 0.00	139.92 8.89 0.00	153.99 9.78 0.00	177.70 11.71 0.00	213.57 13.39 0.00	173.90 10.46 0.00	128.75 8.17 0.00	148.04 9.40 0.00	143.72 8.70 0.00	133.00 8.09 0.00	121.35 7.46 0.00	72.62 4.21 0.00	84.51 4.95 0.00	115.51 7.38 0.00	169.05 10.33 0.00	356.39 21.35 0.00	179.69 10.37 0.00	159.06 9.12 0.00	158.16 9.30 0.00	145.42 8.56 0.00	149.43 9.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	159.81 11.92 0.00	151.64 12.53 0.00	145.44 11.99 -8.28	145.72 12.33 0.00	142.75 11.72 0.00	156.23 12.03 0.00	178.61 12.61 0.00	214.68 14.50 0.00	175.63 12.20 0.00	131.40 10.82 0.00	151.89 13.26 0.00	147.77 12.76 0.00	138.25 13.33 0.00	143.12 12.56 -16.67	144.89 8.01 -68.47	137.21 9.25 -48.40	141.27 12.47 -20.68	174.43 15.72 0.00	365.84 30.80 0.00	184.91 15.60 0.00	164.16 14.22 0.00	162.92 14.07 0.00	150.90 14.04 0.00	153.49 13.89 0.00

BRISTLHL_115KV_TB1 79998	147.07 -0.83 0.00	138.01 -1.10 0.00	123.92 -1.25 0.00	132.45 -0.94 0.00	130.38 -0.64 0.00	144.48 0.28 0.00	206.31 0.06 -40.25	250.14 -0.23 -50.19	200.01 0.56 -36.01	121.21 0.63 0.00	139.09 0.45 0.00	135.43 0.42 0.00	125.30 0.38 0.00	114.22 0.33 0.00	68.48 0.07 0.00	79.55 -0.01 0.00	108.34 0.21 0.00	159.25 0.54 0.00	337.62 2.58 0.00	170.98 1.68 0.00	150.54 0.60 0.00	149.14 0.28 0.00	136.77 -0.10 0.00	139.34 -0.26 0.00
BROOKHAVEN___DRP 24191	159.49 11.60 0.00	152.07 12.96 0.00	145.81 12.35 -8.28	146.14 12.74 0.00	143.16 12.14 0.00	156.69 12.48 0.00	178.97 12.97 0.00	214.96 14.79 0.00	175.56 12.13 0.00	131.11 10.54 0.00	151.48 12.84 0.00	147.38 12.36 0.00	137.85 12.94 0.00	142.89 12.33 -16.67	144.88 8.00 -68.47	137.22 9.26 -48.40	141.32 12.51 -20.68	174.87 16.16 0.00	367.16 32.12 0.00	185.49 16.18 0.00	164.54 14.60 0.00	163.18 14.32 0.00	151.20 14.34 0.00	153.70 14.09 0.00
BROOKLYN_NAVY_YARD 23515	157.85 9.95 0.00	148.32 9.21 0.00	133.59 8.42 0.00	142.22 8.83 0.00	139.35 8.33 0.00	152.69 8.48 0.00	175.55 9.56 0.00	211.25 11.08 0.00	174.23 10.80 0.00	129.68 9.11 0.00	151.24 12.61 0.00	147.01 11.99 0.00	136.21 11.29 0.00	124.07 10.18 0.00	74.57 6.16 0.00	86.71 7.15 0.00	117.67 9.53 0.00	170.75 12.04 0.00	358.63 23.58 0.00	180.83 11.52 0.00	159.86 9.92 0.00	158.81 9.95 0.00	146.48 9.62 0.00	149.38 9.78 0.00
BROOKLYN___ARMY_DRP 323595	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	571.75 7.63 -484.56	387.65 9.95 -269.57	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
BROOKVLE_69_KV_TB1 55790	159.55 11.66 0.00	150.75 11.64 0.00	144.28 10.83 -8.28	144.60 11.21 0.00	141.67 10.64 0.00	155.24 11.03 0.00	178.01 12.02 0.00	213.44 13.27 0.00	175.56 12.13 0.00	131.10 10.53 0.00	151.98 13.34 0.00	147.82 12.80 0.00	137.75 12.84 0.00	142.63 12.07 -16.67	144.35 7.47 -68.47	136.62 8.66 -48.40	140.48 11.67 -20.68	173.47 14.76 0.00	363.14 28.10 0.00	183.44 14.13 0.00	162.55 12.61 0.00	161.80 12.94 0.00	149.54 12.67 0.00	152.18 12.57 0.00
BROOME_2_LFGE 323671	146.32 -1.57 0.00	137.59 -1.52 0.00	123.56 -1.62 0.00	132.25 -1.14 0.00	129.98 -1.04 0.00	144.13 -0.07 0.00	165.10 -0.90 0.00	198.45 -1.72 0.00	168.17 -0.46 -5.19	120.77 0.20 0.00	137.87 0.32 1.08	135.45 0.43 0.00	125.60 0.69 0.00	114.38 0.00 0.00	68.53 0.12 0.00	79.73 0.17 0.00	108.56 0.43 0.00	158.69 -0.02 0.00	334.90 -0.14 0.00	169.84 0.52 0.00	149.65 -0.30 0.00	148.65 -0.21 0.00	136.39 -0.48 0.00	139.13 -0.47 0.00
BROOME___LFGE 323600	146.32 -1.57 0.00	137.59 -1.52 0.00	123.56 -1.62 0.00	132.25 -1.14 0.00	129.98 -1.04 0.00	144.13 -0.07 0.00	165.10 -0.90 0.00	198.45 -1.72 0.00	168.17 -0.46 -5.19	120.77 0.20 0.00	137.87 0.32 1.08	135.45 0.43 0.00	125.60 0.69 0.00	114.38 0.49 0.00	68.53 0.12 0.00	79.73 0.17 0.00	108.56 0.43 0.00	158.69 -0.02 0.00	334.90 -0.14 0.00	169.84 0.52 0.00	149.65 -0.30 0.00	148.65 -0.21 0.00	136.39 -0.48 0.00	139.13 -0.47 0.00
BROWNFLS_115KV_TB_3_5 80003	157.12 2.35 -6.88	156.69 1.71 -15.87	142.11 1.35 -15.58	138.61 1.46 -3.76	147.14 1.69 -14.43	146.87 1.69 -0.98	649.94 5.25 -478.70	805.29 8.16 -596.95	597.52 5.76 -428.33	121.90 1.33 0.00	138.34 -0.29 0.00	135.05 0.04 0.00	124.51 -0.40 0.00	113.09 -0.80 0.00	66.94 -1.47 0.00	77.28 -2.28 0.00	105.79 -2.34 0.00	158.74 0.02 0.00	339.11 4.07 0.00	172.07 2.76 0.00	152.05 2.11 0.00	151.02 2.17 0.00	139.08 2.22 0.00	142.22 2.61 0.00
BROWNSV1_27_KV_LOAD 356125	159.45 11.56 0.00	149.86 10.75 0.00	134.94 9.77 0.00	143.61 10.22 0.00	140.69 9.67 0.00	154.29 10.08 0.00	177.52 11.52 0.00	213.60 13.42 0.00	176.29 12.86 0.00	131.12 10.55 0.00	152.77 14.14 0.00	148.47 13.46 0.00	137.67 12.75 0.00	125.39 11.50 0.00	75.35 6.94 0.00	87.66 8.10 0.00	118.95 10.82 0.00	172.77 14.06 0.00	362.96 27.92 0.00	183.09 13.78 0.00	161.76 11.82 0.00	160.66 11.81 0.00	148.28 11.41 0.00	151.10 11.49 0.00
BURROWS___LYONSDAL 23803	155.23 5.31 -2.02	147.97 4.20 -4.66	133.62 3.87 -4.57	138.79 4.30 -1.11	139.83 4.57 -4.24	149.82 5.32 -0.29	315.04 7.42 -141.63	386.34 9.54 -176.62	297.99 7.84 -126.72	125.54 4.97 0.00	143.23 4.59 0.00	139.37 4.36 0.00	128.72 3.81 0.00	117.35 3.46 0.00	69.38 0.97 0.00	80.29 0.73 0.00	110.21 2.08 0.00	164.09 5.37 0.00	349.57 14.53 0.00	177.33 8.02 0.00	156.45 6.51 0.00	155.05 6.19 0.00	142.68 5.82 0.00	145.62 6.02 0.00
CAITHNESS_CC_1 323624	158.72 10.82 0.00	151.05 11.94 0.00	144.92 11.47 -8.28	145.19 11.80 0.00	142.18 11.16 0.00	155.58 11.38 0.00	177.68 11.69 0.00	213.45 13.27 0.00	174.42 10.98 0.00	130.34 9.77 0.00	150.70 12.06 0.00	146.68 11.66 0.00	137.25 12.34 0.00	142.30 11.74 -16.67	144.45 7.57 -68.47	136.70 8.74 -48.40	140.53 11.72 -20.68	173.56 14.85 0.00	364.25 29.21 0.00	184.03 14.72 0.00	163.29 13.35 0.00	162.01 13.16 0.00	150.16 13.29 0.00	152.67 13.07 0.00
CALPINE BETH_PAGE_GT4 24209	157.85 9.96 0.00	149.33 10.22 0.00	143.13 9.68 -8.28	143.34 9.94 0.00	140.34 9.32 0.00	153.58 9.37 0.00	175.90 9.91 0.00	211.34 11.17 0.00	173.37 9.94 0.00	129.54 8.96 0.00	149.95 11.32 0.00	145.86 10.84 0.00	136.10 11.19 0.00	141.16 10.61 -16.67	143.53 6.65 -68.47	135.64 7.68 -48.40	139.11 10.30 -20.68	171.26 12.55 0.00	359.09 24.05 0.00	181.42 12.11 0.00	160.93 10.99 0.00	159.91 11.05 0.00	147.98 11.11 0.00	150.68 11.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	157.87 9.97 0.00	149.32 10.21 0.00	143.14 9.69 -8.28	143.33 9.94 0.00	140.34 9.31 0.00	153.59 9.38 0.00	175.92 9.92 0.00	211.35 11.18 0.00	173.36 9.93 0.00	129.52 8.94 0.00	149.97 11.34 0.00	145.84 10.83 0.00	136.10 11.19 0.00	141.17 10.62 -16.67	143.53 6.65 -68.47	135.64 7.68 -48.40	139.11 10.30 -20.68	171.25 12.53 0.00	359.06 24.02 0.00	181.43 12.11 0.00	160.92 10.97 0.00	159.93 11.07 0.00	147.99 11.12 0.00	150.67 11.06 0.00
CALPINE_BP_GT1 23823	157.87 9.97 0.00	149.32 10.21 0.00	143.14 9.69 -8.28	143.33 9.94 0.00	140.34 9.31 0.00	153.59 9.38 0.00	175.92 9.92 0.00	211.35 11.18 0.00	173.36 9.93 0.00	129.52 8.94 0.00	149.97 11.34 0.00	145.84 10.83 0.00	136.10 11.19 0.00	141.17 10.62 -16.67	143.53 6.65 -68.47	135.64 7.68 -48.40	139.11 10.30 -20.68	171.25 12.53 0.00	359.06 24.02 0.00	181.43 12.11 0.00	160.92 10.97 0.00	159.93 11.07 0.00	147.99 11.12 0.00	150.67 11.06 0.00
CALSPAN___DRP 24200	137.02 -10.87 0.00	128.71 -10.40 0.00	115.20 -9.97 0.00	124.16 -9.23 0.00	123.00 -8.02 0.00	139.22 -4.99 0.00	156.59 -9.41 0.00	186.40 -13.78 0.00	154.48 -8.96 0.00	114.15 -6.42 0.00	128.14 -8.17 2.32	127.75 -7.26 0.00	118.32 -6.59 0.00	107.67 -6.23 0.00	64.88 -3.53 0.00	75.72 -3.84 0.00	101.86 -6.27 0.00	148.75 -9.97 0.00	315.39 -19.65 0.00	161.32 -7.98 0.00	141.27 -8.67 0.00	139.85 -9.01 0.00	128.28 -8.59 0.00	131.71 -7.90 0.00

CALVERTON___SOLAR 323806	159.88 11.98 0.00	152.66 13.55 0.00	146.37 12.92 -8.28	146.77 13.38 0.00	143.76 12.74 0.00	157.42 13.21 0.00	179.83 13.83 0.00	215.95 15.77 0.00	176.32 12.88 0.00	131.59 11.02 0.00	151.97 13.34 0.00	147.82 12.80 0.00	138.23 13.31 0.00	143.25 12.69 -16.67	145.12 8.24 -68.47	137.53 9.57 -48.40	141.81 13.00 -20.68	175.65 16.94 0.00	368.95 33.91 0.00	186.37 17.06 0.00	165.29 15.35 0.00	163.91 15.05 0.00	151.83 14.97 0.00	154.29 14.68 0.00
CANDIGU_WT_PWR 323617	139.27 -8.63 0.00	131.14 -7.97 0.00	116.81 -8.36 0.00	125.66 -7.73 0.00	124.20 -6.82 0.00	139.16 -5.05 0.00	158.12 -7.87 0.00	189.26 -10.92 0.00	166.16 -6.78 -9.50	115.82 -4.76 0.00	128.43 -6.15 4.05	128.97 -6.05 0.00	119.81 -5.10 0.00	109.23 -4.66 0.00	65.65 -2.76 0.00	76.79 -2.77 0.00	104.43 -3.71 0.00	152.34 -6.38 0.00	323.20 -11.85 0.00	164.98 -4.33 0.00	145.15 -4.79 0.00	144.39 -4.47 0.00	132.21 -4.65 0.00	135.20 -4.41 0.00
CARR STREET_E_SYR 24060	143.74 -4.16 0.00	135.02 -4.09 0.00	121.31 -3.86 0.00	129.63 -3.76 0.00	127.57 -3.45 0.00	141.23 -2.97 0.00	185.06 -3.87 -22.93	223.53 -5.24 -28.59	180.35 -3.60 -20.51	118.32 -2.25 0.00	135.98 -2.66 0.00	132.48 -2.53 0.00	122.57 -2.35 0.00	111.72 -2.17 0.00	67.09 -1.32 0.00	78.01 -1.55 0.00	106.11 -2.02 0.00	155.50 -3.22 0.00	328.76 -6.28 0.00	166.44 -2.87 0.00	146.72 -3.22 0.00	145.52 -3.33 0.00	133.56 -3.31 0.00	136.16 -3.45 0.00
CARTHAGE___PAPER 23857	158.90 7.79 -3.22	152.91 6.38 -7.42	137.94 5.48 -7.29	141.30 6.14 -1.76	144.28 6.51 -6.75	152.07 7.41 -0.46	401.38 11.00 -224.39	494.71 14.72 -279.82	375.79 11.58 -200.78	126.88 6.30 0.00	143.64 5.01 0.00	139.58 4.56 0.00	128.67 3.76 0.00	117.14 3.25 0.00	68.98 0.57 0.00	79.64 0.07 0.00	109.95 1.82 0.00	166.06 7.35 0.00	357.09 22.05 0.00	181.34 12.03 0.00	159.54 9.59 0.00	158.05 9.19 0.00	145.48 8.62 0.00	148.46 8.85 0.00
CASSADAGA_WT_PWR 323784	138.25 -9.65 0.00	130.69 -8.41 0.00	117.32 -7.85 0.00	126.52 -6.87 0.00	125.52 -5.50 0.00	142.73 -1.48 0.00	161.19 -4.80 0.00	191.95 -8.23 0.00	137.97 -4.29 21.17	118.26 -2.31 0.00	132.57 -3.48 2.58	132.67 -2.35 0.00	123.19 -1.73 0.00	112.04 -1.85 0.00	67.22 -1.19 0.00	78.31 -1.25 0.00	105.82 -2.31 0.00	154.68 -4.04 0.00	327.68 -7.36 0.00	167.03 -2.27 0.00	146.02 -3.92 0.00	144.77 -4.09 0.00	132.67 -4.19 0.00	136.18 -3.43 0.00
CE_DUNWOOD___DRP 24194	157.09 9.19 0.00	147.71 8.60 0.00	133.05 7.88 0.00	141.66 8.27 0.00	138.83 7.81 0.00	152.28 8.08 0.00	175.12 9.13 0.00	210.51 10.33 0.00	173.15 9.71 0.00	128.81 8.24 0.00	149.65 11.02 0.00	145.46 10.44 0.00	134.95 10.03 0.00	123.20 9.31 0.00	74.04 5.63 0.00	86.08 6.52 0.00	116.86 8.73 0.00	169.79 11.07 0.00	356.95 21.91 0.00	180.06 10.75 0.00	159.26 9.31 0.00	158.28 9.42 0.00	146.08 9.21 0.00	148.89 9.28 0.00
CE_MILLWOOD___DRP 24193	156.76 8.86 0.00	147.39 8.28 0.00	132.75 7.57 0.00	141.36 7.97 0.00	138.54 7.52 0.00	152.00 7.79 0.00	174.81 8.81 0.00	210.07 9.90 0.00	172.67 9.24 0.00	128.46 7.89 0.00	149.19 10.56 0.00	145.02 10.01 0.00	134.50 9.59 0.00	122.83 8.94 0.00	73.82 5.41 0.00	85.82 6.26 0.00	116.52 8.39 0.00	169.38 10.67 0.00	356.18 21.14 0.00	179.66 10.35 0.00	158.94 9.00 0.00	157.97 9.11 0.00	145.78 8.91 0.00	148.56 8.95 0.00
CE_NYC2_DRP 24202	158.43 10.53 0.00	148.94 9.83 0.00	134.12 8.95 0.00	142.74 9.35 0.00	234.88 8.90 -94.96	251.22 8.97 -98.04	290.25 10.20 -114.06	317.53 11.85 -105.50	182.48 11.50 -7.55	134.58 9.55 -4.46	156.18 12.98 -4.56	157.60 12.38 -10.20	140.66 11.71 -4.04	209.55 10.67 -85.00	160.75 6.46 -85.88	181.81 7.49 -94.76	346.11 9.88 -228.10	188.85 12.40 -17.74	359.22 24.18 0.00	181.17 11.86 0.00	160.15 10.21 0.00	159.15 10.29 0.00	281.42 10.34 -134.21	155.71 10.37 -5.73
CE_NYC_DRP 24195	157.75 9.85 0.00	148.33 9.22 0.00	133.59 8.42 0.00	142.18 8.79 0.00	139.28 8.26 0.00	152.63 8.43 0.00	175.57 9.57 0.00	211.23 11.05 0.00	174.25 10.82 0.00	129.68 9.11 0.00	151.18 12.55 0.00	146.98 11.96 0.00	136.21 11.30 0.00	124.11 10.22 0.00	74.59 6.18 0.00	86.74 7.18 0.00	117.69 9.56 0.00	170.87 12.16 0.00	358.77 23.73 0.00	180.90 11.59 0.00	159.91 9.97 0.00	158.85 9.99 0.00	146.61 9.75 0.00	149.48 9.87 0.00
CHAFFEE___LFGE 323603	138.47 -9.42 0.00	130.05 -9.05 0.00	116.50 -8.67 0.00	125.43 -7.96 0.00	124.22 -6.80 0.00	140.56 -3.64 0.00	158.18 -7.81 0.00	188.44 -11.74 0.00	135.99 -7.27 20.17	115.44 -5.14 0.00	129.39 -6.77 2.47	129.24 -5.77 0.00	119.62 -5.29 0.00	108.90 -4.99 0.00	65.63 -2.78 0.00	76.57 -2.99 0.00	103.03 -5.10 0.00	150.45 -8.26 0.00	319.17 -15.87 0.00	163.15 -6.17 0.00	142.77 -7.16 0.00	141.31 -7.55 0.00	129.53 -7.33 0.00	132.98 -6.63 0.00
CHATEAUG_35_KV_LOAD 355732	80.43 -3.70 63.76	-11.55 -3.62 147.04	-22.58 -3.38 144.38	94.83 -3.71 34.85	-6.48 -3.76 133.75	131.17 -3.99 9.05	-94.43 -0.90 259.53	-120.26 3.21 323.64	-68.75 0.04 232.22	117.63 -2.95 0.00	134.79 -3.85 0.00	132.18 -2.83 0.00	121.64 -3.28 0.00	110.78 -3.11 0.00	66.69 -1.71 0.00	77.79 -1.77 0.00	105.42 -2.71 0.00	156.64 -2.07 0.00	332.02 -3.02 0.00	167.90 -1.42 0.00	149.21 -0.73 0.00	147.72 -1.14 0.00	135.38 -1.49 0.00	137.95 -1.65 0.00
CHATEAUG_WT_PWR 323614	84.53 -4.21 59.15	-1.40 -4.10 136.41	-12.52 -3.76 133.93	96.97 -4.10 32.33	2.83 -4.12 124.07	131.41 -4.40 8.39	-15.45 -1.73 179.71	-21.90 2.04 224.11	1.99 -0.64 160.80	117.57 -3.01 0.00	134.79 -3.84 0.00	132.32 -2.70 0.00	121.88 -3.04 0.00	111.05 -2.84 0.00	66.83 -1.58 0.00	77.93 -1.63 0.00	105.40 -2.73 0.00	156.16 -2.55 0.00	330.63 -4.42 0.00	167.24 -2.07 0.00	148.62 -1.32 0.00	147.24 -1.62 0.00	135.01 -1.85 0.00	137.59 -2.01 0.00
CHAT_HIGH_FALL_HYD 323578	80.43 -3.70 63.76	-11.55 -3.62 147.04	-22.58 -3.38 144.38	94.83 -3.71 34.85	-6.48 -3.76 133.75	131.17 -3.99 9.05	-94.43 -0.90 259.53	-120.26 3.21 323.64	-68.75 0.04 232.22	117.63 -2.95 0.00	134.79 -3.85 0.00	132.18 -2.83 0.00	121.64 -3.28 0.00	110.78 -3.11 0.00	66.69 -1.71 0.00	77.79 -1.77 0.00	105.42 -2.71 0.00	156.64 -2.07 0.00	332.02 -3.02 0.00	167.90 -1.42 0.00	149.21 -0.73 0.00	147.72 -1.14 0.00	135.38 -1.49 0.00	137.95 -1.65 0.00
CHAUTAUQUA___LFGE 323629	137.00 -10.90 0.00	129.29 -9.82 0.00	115.96 -9.21 0.00	125.02 -8.37 0.00	123.88 -7.14 0.00	140.51 -3.69 0.00	158.47 -7.53 0.00	188.82 -11.35 0.00	136.07 -7.08 20.28	116.01 -4.56 0.00	130.01 -6.16 2.47	129.93 -5.09 0.00	120.52 -4.39 0.00	109.63 -4.26 0.00	65.84 -2.57 0.00	76.76 -2.81 0.00	103.79 -4.35 0.00	151.66 -7.05 0.00	321.51 -13.53 0.00	164.03 -5.28 0.00	143.42 -6.52 0.00	142.20 -6.66 0.00	130.29 -6.58 0.00	133.73 -5.88 0.00
CHERRYST_13_KV_LD 356241	158.17 10.28 0.00	148.69 9.58 0.00	133.94 8.77 0.00	142.55 9.16 0.00	139.66 8.63 0.00	153.08 8.87 0.00	176.14 10.14 0.00	211.94 11.77 0.00	174.89 11.45 0.00	130.16 9.59 0.00	151.70 13.06 0.00	147.51 12.49 0.00	136.71 11.79 0.00	124.58 10.69 0.00	74.87 6.46 0.00	87.06 7.50 0.00	118.12 9.99 0.00	171.52 12.80 0.00	360.11 25.07 0.00	181.54 12.23 0.00	160.41 10.47 0.00	159.31 10.45 0.00	147.03 10.17 0.00	149.90 10.29 0.00

CHESTROR_138KV_BK263 355645	155.19 7.30 0.00	145.93 6.82 0.00	131.46 6.29 0.00	140.03 6.64 0.00	137.31 6.29 0.00	150.78 6.57 0.00	173.47 7.48 0.00	208.41 8.23 0.00	170.94 7.51 0.00	126.99 6.42 0.00	147.16 8.52 0.00	143.02 8.00 0.00	132.66 7.74 0.00	121.18 7.29 0.00	72.80 4.39 0.00	84.67 5.11 0.00	115.05 6.92 0.00	167.56 8.85 0.00	352.62 17.58 0.00	177.95 8.64 0.00	157.50 7.56 0.00	156.54 7.69 0.00	144.33 7.47 0.00	147.08 7.47 0.00
CH_MIDHUDSON___DRP 24192	157.35 9.46 0.00	147.84 8.73 0.00	133.13 7.96 0.00	141.90 8.51 0.00	139.08 8.06 0.00	152.68 8.47 0.00	175.67 9.68 0.00	211.24 11.06 0.00	173.30 9.87 0.00	128.67 8.10 0.00	149.14 10.50 0.00	144.94 9.92 0.00	134.38 9.46 0.00	122.74 8.85 0.00	73.78 5.37 0.00	85.87 6.31 0.00	116.70 8.57 0.00	169.78 11.07 0.00	357.23 22.19 0.00	180.31 11.00 0.00	159.53 9.59 0.00	158.62 9.76 0.00	146.21 9.35 0.00	149.02 9.41 0.00
CH_MISC_IPPS 23765	158.12 10.23 0.00	148.62 9.51 0.00	133.81 8.63 0.00	142.69 9.30 0.00	139.91 8.89 0.00	153.61 9.40 0.00	176.81 10.81 0.00	212.65 12.47 0.00	174.39 10.96 0.00	129.45 8.87 0.00	149.98 11.34 0.00	145.71 10.70 0.00	135.10 10.19 0.00	123.42 9.53 0.00	74.17 5.76 0.00	86.29 6.73 0.00	117.34 9.21 0.00	170.86 12.14 0.00	359.60 24.56 0.00	181.51 12.20 0.00	160.57 10.62 0.00	159.59 10.73 0.00	147.04 10.17 0.00	149.81 10.20 0.00
CH_RES_BVR_FALLS 23983	146.73 -1.16 0.00	138.03 -1.08 0.00	124.13 -1.05 0.00	132.22 -1.17 0.00	129.92 -1.10 0.00	142.77 -1.44 0.00	126.41 -0.88 38.70	152.03 0.12 48.26	128.30 -0.51 34.63	119.15 -1.43 0.00	136.33 -2.31 0.00	132.99 -2.03 0.00	122.78 -2.13 0.00	111.36 -2.53 0.00	66.54 -1.87 0.00	77.40 -2.16 0.00	105.33 -2.80 0.00	156.18 -2.54 0.00	330.40 -4.64 0.00	167.34 -1.97 0.00	148.74 -1.20 0.00	147.37 -1.49 0.00	135.49 -1.37 0.00	138.19 -1.42 0.00
CH_RES_NIAGARA 23895	130.68 -17.21 0.00	122.63 -16.48 0.00	109.75 -15.43 0.00	118.25 -15.14 0.00	117.31 -13.71 0.00	132.97 -11.23 0.00	149.10 -16.89 0.00	177.17 -23.00 0.00	147.35 -16.09 0.00	108.29 -12.29 0.00	121.74 -14.90 2.00	121.29 -13.73 0.00	112.16 -12.75 0.00	102.00 -11.89 0.00	61.62 -6.80 0.00	71.89 -7.67 0.00	96.35 -11.78 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.81 -16.50 0.00	133.75 -16.19 0.00	132.25 -16.61 0.00	121.42 -15.45 0.00	125.03 -14.58 0.00
CH_RES_SYRACUSE 23985	145.82 -2.07 0.00	136.94 -2.17 0.00	123.05 -2.13 0.00	131.48 -1.91 0.00	129.39 -1.63 0.00	143.27 -0.93 0.00	186.78 -1.43 -22.21	225.65 -2.23 -27.70	182.08 -1.23 -19.87	120.03 -0.55 0.00	137.87 -0.77 0.00	134.30 -0.72 0.00	124.24 -0.67 0.00	113.24 -0.65 0.00	67.98 -0.43 0.00	79.05 -0.51 0.00	107.53 -0.60 0.00	157.85 -0.86 0.00	333.85 -1.19 0.00	169.04 -0.27 0.00	148.85 -1.09 0.00	147.61 -1.25 0.00	135.46 -1.40 0.00	137.94 -1.67 0.00
CLINTON_WT_PWR 323605	84.53 -4.21 59.15	-1.40 -4.10 136.41	-12.52 -3.76 133.93	96.97 -4.10 32.33	2.83 -4.12 124.07	131.41 -4.40 8.39	-15.45 -1.73 179.71	-21.90 2.04 224.11	1.99 -0.64 160.80	117.57 -3.01 0.00	134.79 -3.84 0.00	132.32 -2.70 0.00	121.88 -3.04 0.00	111.05 -2.84 0.00	66.83 -1.58 0.00	77.93 -1.63 0.00	105.40 -2.73 0.00	156.16 -2.55 0.00	330.63 -4.42 0.00	167.24 -2.07 0.00	148.62 -1.32 0.00	147.24 -1.62 0.00	135.01 -1.85 0.00	137.59 -2.01 0.00
CLINTON___LFGE 323618	85.52 -2.01 60.36	-2.21 -2.12 139.21	-13.24 -1.73 136.68	98.47 -1.93 32.99	2.26 -2.14 126.62	133.53 -2.11 8.57	-33.86 0.90 200.75	-44.74 5.42 250.34	-14.09 2.10 179.62	119.50 -1.08 0.00	136.90 -1.73 0.00	134.34 -0.67 0.00	123.76 -1.16 0.00	112.81 -1.08 0.00	67.87 -0.54 0.00	79.21 -0.36 0.00	106.96 -1.16 0.00	158.38 -0.33 0.00	335.58 0.54 0.00	169.94 0.63 0.00	151.31 1.37 0.00	149.93 1.08 0.00	137.24 0.38 0.00	139.77 0.16 0.00
COBBLENY_34_KV_TB1 80064	138.49 -9.41 0.00	130.04 -9.07 0.00	116.49 -8.68 0.00	125.43 -7.96 0.00	124.23 -6.79 0.00	140.59 -3.62 0.00	158.21 -7.79 0.00	188.57 -11.61 0.00	156.22 -7.21 0.00	115.42 -5.16 0.00	129.41 -6.75 2.47	129.22 -5.80 0.00	119.63 -5.29 0.00	108.89 -5.00 0.00	65.59 -2.82 0.00	76.55 -3.01 0.00	103.03 -5.10 0.00	150.47 -8.24 0.00	319.11 -15.93 0.00	163.13 -6.18 0.00	142.78 -7.16 0.00	141.33 -7.52 0.00	129.55 -7.31 0.00	132.96 -6.65 0.00
COFFEEN___115KV_TB3 355620	159.85 9.24 -2.71	153.00 7.64 -6.25	137.85 6.54 -6.14	142.27 7.40 -1.48	144.53 7.82 -5.69	153.72 9.13 -0.39	367.74 12.68 -189.06	452.44 16.50 -235.76	345.61 13.01 -169.16	127.74 7.17 0.00	144.34 5.70 0.00	139.99 4.98 0.00	129.05 4.13 0.00	117.37 3.48 0.00	69.26 0.85 0.00	79.94 0.38 0.00	110.72 2.59 0.00	168.08 9.37 0.00	362.77 27.73 0.00	184.20 14.89 0.00	161.68 11.74 0.00	160.13 11.27 0.00	147.27 10.41 0.00	150.12 10.51 0.00
COLDSPRG_115KV_BK1 355956	142.61 -5.28 0.00	134.31 -4.81 0.00	120.45 -4.72 0.00	129.78 -3.61 0.00	128.20 -2.82 0.00	145.16 0.96 0.00	163.85 -2.14 0.00	195.59 -4.59 0.00	162.11 -1.32 0.00	120.22 -0.35 0.00	134.97 -0.90 2.77	135.18 0.16 0.00	125.63 0.72 0.00	114.34 0.45 0.00	68.47 0.06 0.00	79.68 0.12 0.00	107.52 -0.61 0.00	157.06 -1.66 0.00	332.74 -2.30 0.00	169.84 0.53 0.00	148.36 -1.58 0.00	147.25 -1.61 0.00	134.92 -1.95 0.00	138.40 -1.21 0.00
COLONIE_LFGE___ 323577	155.40 7.51 0.00	145.61 6.50 0.00	131.05 5.88 0.00	139.70 6.31 0.00	137.07 6.05 0.00	150.47 6.26 0.00	173.39 7.40 0.00	208.25 8.08 0.00	169.92 6.49 0.00	126.08 5.50 0.00	145.26 6.63 0.00	141.10 6.08 0.00	130.77 5.85 0.00	119.56 5.67 0.00	71.81 3.39 0.00	83.54 3.98 0.00	113.69 5.56 0.00	165.90 7.18 0.00	349.63 14.60 0.00	176.37 7.06 0.00	156.34 6.40 0.00	155.57 6.72 0.00	143.22 6.35 0.00	146.58 6.97 0.00
COOPERNY_115KV_TB1 80082	153.17 5.28 0.00	144.09 4.98 0.00	129.73 4.56 0.00	138.25 4.86 0.00	135.64 4.62 0.00	149.10 4.89 0.00	171.47 5.47 0.00	206.10 5.92 0.00	168.97 5.53 0.00	125.39 4.81 0.00	145.08 6.44 0.00	141.11 6.09 0.00	130.86 5.94 0.00	119.43 5.54 0.00	71.71 3.30 0.00	83.38 3.82 0.00	113.28 5.16 0.00	165.19 6.48 0.00	347.82 12.78 0.00	175.64 6.33 0.00	155.43 5.49 0.00	154.49 5.63 0.00	142.35 5.48 0.00	145.07 5.46 0.00
COPENHAGEN_WT_PWR 323753	157.36 6.89 -2.58	150.33 5.28 -5.94	135.43 4.42 -5.83	139.93 5.13 -1.41	141.95 5.52 -5.40	151.13 6.56 -0.37	355.04 9.41 -179.64	436.76 12.57 -224.01	334.44 10.27 -160.73	126.22 5.65 0.00	142.89 4.25 0.00	138.60 3.58 0.00	127.86 2.94 0.00	116.42 2.53 0.00	68.46 0.05 0.00	78.80 -0.76 0.00	109.07 0.94 0.00	165.17 6.46 0.00	356.50 21.46 0.00	181.11 11.80 0.00	158.87 8.93 0.00	157.43 8.58 0.00	144.99 8.12 0.00	147.91 8.30 0.00
CORNELL_____ 23752	148.91 1.02 0.00	139.99 0.88 0.00	125.78 0.60 0.00	134.65 1.25 0.00	132.47 1.45 0.00	147.08 2.87 0.00	169.05 3.05 0.00	203.41 3.24 0.00	166.77 3.34 0.00	123.37 2.80 0.00	152.19 2.95 -10.61	137.70 2.69 0.00	127.42 2.51 0.00	116.12 2.23 0.00	69.67 1.26 0.00	81.07 1.51 0.00	110.52 2.39 0.00	162.42 3.71 0.00	343.67 8.63 0.00	174.09 4.78 0.00	153.16 3.22 0.00	151.78 2.93 0.00	139.11 2.25 0.00	141.60 2.00 0.00

CORONA V_69 KV_TB1 355595	159.07 11.18 0.00	150.22 11.11 0.00	143.79 10.33 -8.28	144.08 10.69 0.00	141.12 10.09 0.00	154.60 10.39 0.00	177.29 11.29 0.00	212.86 12.68 0.00	174.75 11.32 0.00	130.40 9.82 0.00	151.36 12.73 0.00	147.31 12.30 0.00	137.20 12.28 0.00	142.09 11.53 -16.67	143.96 7.08 -68.47	136.20 8.25 -48.40	139.87 11.06 -20.68	172.68 13.97 0.00	362.25 27.21 0.00	182.98 13.67 0.00	162.12 12.18 0.00	161.19 12.33 0.00	148.97 12.10 0.00	151.72 12.12 0.00
CORTLAND_115KV_TB3 80093	147.94 0.05 0.00	139.04 -0.07 0.00	124.98 -0.20 0.00	133.66 0.26 0.00	131.45 0.43 0.00	145.66 1.45 0.00	185.21 1.29 -17.93	223.62 1.08 -22.36	181.07 1.59 -16.05	122.17 1.60 0.00	143.17 1.69 -2.84	136.62 1.61 0.00	126.45 1.54 0.00	115.20 1.31 0.00	69.10 0.69 0.00	80.35 0.79 0.00	109.52 1.39 0.00	160.61 1.90 0.00	339.58 4.53 0.00	171.92 2.61 0.00	151.48 1.54 0.00	150.29 1.43 0.00	137.86 0.99 0.00	140.45 0.84 0.00
COXSACKIE__GT 23611	160.49 12.60 0.00	150.44 11.33 0.00	135.34 10.17 0.00	144.34 10.95 0.00	141.61 10.59 0.00	155.64 11.43 0.00	179.33 13.33 0.00	215.34 15.16 0.00	174.92 11.49 0.00	128.09 7.51 0.00	146.28 7.65 0.00	141.62 6.61 0.00	131.18 6.26 0.00	120.01 6.12 0.00	72.16 3.75 0.00	84.52 4.96 0.00	116.03 7.90 0.00	172.07 13.35 0.00	364.04 29.00 0.00	183.59 14.28 0.00	162.25 12.30 0.00	160.91 12.05 0.00	147.87 11.01 0.00	151.47 11.86 0.00
CPV_VALLEY__CC1 323721	153.81 5.92 0.00	144.67 5.56 0.00	130.29 5.11 0.00	138.80 5.41 0.00	136.09 5.07 0.00	149.42 5.22 0.00	171.89 5.90 0.00	206.58 6.41 0.00	169.47 6.03 0.00	125.90 5.33 0.00	145.85 7.22 0.00	141.85 6.83 0.00	131.59 6.68 0.00	120.12 6.23 0.00	72.17 3.76 0.00	83.88 4.32 0.00	113.96 5.83 0.00	165.99 7.27 0.00	349.29 14.26 0.00	176.30 6.99 0.00	156.03 6.09 0.00	155.09 6.23 0.00	143.03 6.16 0.00	145.73 6.12 0.00
CPV_VALLEY__CC2 323722	153.81 5.92 0.00	144.67 5.56 0.00	130.29 5.11 0.00	138.80 5.41 0.00	136.09 5.07 0.00	149.42 5.22 0.00	171.89 5.90 0.00	206.58 6.41 0.00	169.47 6.03 0.00	125.90 5.33 0.00	145.85 7.22 0.00	141.85 6.83 0.00	131.59 6.68 0.00	120.12 6.23 0.00	72.17 3.76 0.00	83.88 4.32 0.00	113.96 5.83 0.00	165.99 7.27 0.00	349.29 14.26 0.00	176.30 6.99 0.00	156.03 6.09 0.00	155.09 6.23 0.00	143.03 6.16 0.00	145.73 6.12 0.00
CRESCENT__HYD 24018	155.40 7.51 0.00	145.61 6.50 0.00	131.05 5.88 0.00	139.70 6.31 0.00	137.07 6.05 0.00	150.47 6.26 0.00	173.39 7.40 0.00	208.25 8.08 0.00	169.92 6.49 0.00	126.08 5.50 0.00	145.26 6.63 0.00	141.10 6.08 0.00	130.77 5.85 0.00	119.56 5.67 0.00	71.81 3.39 0.00	83.54 3.98 0.00	113.69 5.56 0.00	165.90 7.18 0.00	349.63 14.60 0.00	176.37 7.06 0.00	156.34 6.40 0.00	155.57 6.72 0.00	143.22 6.35 0.00	146.58 6.97 0.00
CRICKET__VALLEY_CC1 323756	156.31 8.42 0.00	146.62 7.52 0.00	132.00 6.83 0.00	140.74 7.35 0.00	137.84 6.82 0.00	151.18 6.97 0.00	173.93 7.94 0.00	208.96 8.79 0.00	171.12 7.69 0.00	127.18 6.60 0.00	147.44 8.81 0.00	143.35 8.34 0.00	132.83 7.91 0.00	121.59 7.70 0.00	73.11 4.70 0.00	85.09 5.53 0.00	115.57 7.44 0.00	167.79 9.08 0.00	353.03 17.99 0.00	178.13 8.82 0.00	157.62 7.68 0.00	157.00 8.14 0.00	144.83 7.96 0.00	147.79 8.18 0.00
CRICKET__VALLEY_CC2 323757	156.31 8.42 0.00	146.62 7.52 0.00	132.00 6.83 0.00	140.74 7.35 0.00	137.84 6.82 0.00	151.18 6.97 0.00	173.93 7.94 0.00	208.96 8.79 0.00	171.12 7.69 0.00	127.18 6.60 0.00	147.44 8.81 0.00	143.35 8.34 0.00	132.83 7.91 0.00	121.59 7.70 0.00	73.11 4.70 0.00	85.09 5.53 0.00	115.57 7.44 0.00	167.79 9.08 0.00	353.03 17.99 0.00	178.13 8.82 0.00	157.62 7.68 0.00	157.00 8.14 0.00	144.83 7.96 0.00	147.79 8.18 0.00
CRICKET__VALLEY_CC3 323758	156.31 8.42 0.00	146.62 7.52 0.00	132.00 6.83 0.00	140.74 7.35 0.00	137.84 6.82 0.00	151.18 6.97 0.00	173.93 7.94 0.00	208.96 8.79 0.00	171.12 7.69 0.00	127.18 6.60 0.00	147.44 8.81 0.00	143.35 8.34 0.00	132.83 7.91 0.00	121.59 7.70 0.00	73.11 4.70 0.00	85.09 5.53 0.00	115.57 7.44 0.00	167.79 9.08 0.00	353.03 17.99 0.00	178.13 8.82 0.00	157.62 7.68 0.00	157.00 8.14 0.00	144.83 7.96 0.00	147.79 8.18 0.00
CRUCIBLE_METL_DRP 24180	145.81 -2.09 0.00	136.94 -2.17 0.00	123.05 -2.13 0.00	131.48 -1.91 0.00	129.39 -1.64 0.00	143.27 -0.94 0.00	186.78 -1.43 -22.21	225.64 -2.24 -27.70	182.10 -1.21 -19.87	120.03 -0.55 0.00	137.87 -0.77 0.00	134.29 -0.72 0.00	124.23 -0.68 0.00	113.24 -0.65 0.00	67.98 -0.43 0.00	79.05 -0.51 0.00	107.52 -0.61 0.00	157.86 -0.85 0.00	333.85 -1.19 0.00	169.04 -0.27 0.00	148.84 -1.11 0.00	147.62 -1.24 0.00	135.48 -1.39 0.00	137.94 -1.67 0.00
DAHOWA__HYDRO 323763	159.72 11.82 0.00	149.47 10.36 0.00	134.48 9.30 0.00	143.52 10.13 0.00	140.98 9.95 0.00	155.27 11.06 0.00	179.25 13.26 0.00	215.56 15.38 0.00	175.38 11.95 0.00	129.88 9.30 0.00	149.31 10.68 0.00	144.94 9.93 0.00	134.06 9.15 0.00	122.24 8.35 0.00	73.07 4.66 0.00	85.01 5.45 0.00	116.31 8.18 0.00	170.20 11.49 0.00	358.89 23.85 0.00	180.90 11.59 0.00	160.07 10.13 0.00	159.16 10.30 0.00	146.28 9.42 0.00	150.56 10.95 0.00
DANC__LFGE 323619	153.37 3.64 -1.83	145.90 2.56 -4.23	131.38 2.06 -4.15	136.97 2.57 -1.00	137.78 2.92 -3.84	148.23 3.76 -0.26	299.27 5.35 -127.92	366.75 7.05 -159.52	283.98 6.09 -114.46	123.95 3.38 0.00	141.06 2.42 0.00	137.02 2.01 0.00	126.52 1.60 0.00	115.21 1.32 0.00	68.30 -0.10 0.00	78.95 -0.61 0.00	108.55 0.42 0.00	162.43 3.72 0.00	348.42 13.37 0.00	176.80 7.49 0.00	155.30 5.36 0.00	153.90 5.04 0.00	141.69 4.83 0.00	144.48 4.88 0.00
DANSKAMMER__1 23586	158.12 10.23 0.00	148.62 9.51 0.00	133.81 8.63 0.00	142.69 9.30 0.00	139.91 8.89 0.00	153.61 9.40 0.00	176.81 10.81 0.00	212.65 12.47 0.00	174.39 10.96 0.00	129.45 8.87 0.00	149.98 11.34 0.00	145.71 10.70 0.00	135.10 10.19 0.00	123.42 9.53 0.00	74.17 5.76 0.00	86.29 6.73 0.00	117.34 9.21 0.00	170.86 12.14 0.00	359.60 24.56 0.00	181.51 12.20 0.00	160.57 10.62 0.00	159.59 10.73 0.00	147.04 10.17 0.00	149.81 10.20 0.00
DANSKAMMER__2 23589	158.12 10.23 0.00	148.62 9.51 0.00	133.81 8.63 0.00	142.69 9.30 0.00	139.91 8.89 0.00	153.61 9.40 0.00	176.81 10.81 0.00	212.65 12.47 0.00	174.39 10.96 0.00	129.45 8.87 0.00	149.98 11.34 0.00	145.71 10.70 0.00	135.10 10.19 0.00	123.42 9.53 0.00	74.17 5.76 0.00	86.29 6.73 0.00	117.34 9.21 0.00	170.86 12.14 0.00	359.60 24.56 0.00	181.51 12.20 0.00	160.57 10.62 0.00	159.59 10.73 0.00	147.04 10.17 0.00	149.81 10.20 0.00
DANSKAMMER__3 23590	158.12 10.23 0.00	148.62 9.51 0.00	133.81 8.63 0.00	142.69 9.30 0.00	139.91 8.89 0.00	153.61 9.40 0.00	176.81 10.81 0.00	212.65 12.47 0.00	174.39 10.96 0.00	129.45 8.87 0.00	149.98 11.34 0.00	145.71 10.70 0.00	135.10 10.19 0.00	123.42 9.53 0.00	74.17 5.76 0.00	86.29 6.73 0.00	117.34 9.21 0.00	170.86 12.14 0.00	359.60 24.56 0.00	181.51 12.20 0.00	160.57 10.62 0.00	159.59 10.73 0.00	147.04 10.17 0.00	149.81 10.20 0.00

DANSKAMMER___4 23591	158.12 10.23 0.00	148.62 9.51 0.00	133.81 8.63 0.00	142.69 9.30 0.00	139.91 8.89 0.00	153.61 9.40 0.00	176.81 10.81 0.00	212.65 12.47 0.00	174.39 10.96 0.00	129.45 8.87 0.00	149.98 11.34 0.00	145.71 10.70 0.00	135.10 10.19 0.00	123.42 9.53 0.00	74.17 5.76 0.00	86.29 6.73 0.00	117.34 9.21 0.00	170.86 12.14 0.00	359.60 24.56 0.00	181.51 12.20 0.00	160.57 10.62 0.00	159.59 10.73 0.00	147.04 10.17 0.00	149.81 10.20 0.00
DANSKAMMER___DIESEL 23592	158.14 10.24 0.00	148.60 9.49 0.00	133.80 8.62 0.00	142.70 9.31 0.00	139.91 8.88 0.00	153.60 9.40 0.00	176.81 10.81 0.00	212.62 12.45 0.00	174.39 10.96 0.00	129.47 8.89 0.00	149.98 11.34 0.00	145.74 10.72 0.00	135.10 10.19 0.00	123.42 9.53 0.00	74.17 5.76 0.00	86.29 6.73 0.00	117.34 9.21 0.00	170.85 12.14 0.00	359.60 24.56 0.00	181.51 12.20 0.00	160.56 10.62 0.00	159.57 10.71 0.00	147.03 10.17 0.00	149.81 10.20 0.00
DARBY___SOLAR 323810	158.62 10.73 0.00	148.54 9.43 0.00	133.63 8.46 0.00	142.59 9.20 0.00	140.03 9.01 0.00	154.16 9.95 0.00	177.89 11.89 0.00	213.80 13.63 0.00	174.05 10.61 0.00	128.85 8.28 0.00	148.16 9.52 0.00	143.81 8.79 0.00	133.04 8.13 0.00	121.35 7.46 0.00	72.62 4.21 0.00	84.51 4.95 0.00	115.52 7.39 0.00	169.05 10.33 0.00	356.42 21.38 0.00	179.69 10.37 0.00	159.04 9.10 0.00	158.16 9.30 0.00	145.41 8.54 0.00	149.52 9.92 0.00
DASHVILLE___HYD 23610	157.08 9.19 0.00	147.68 8.57 0.00	133.00 7.83 0.00	141.75 8.36 0.00	138.95 7.93 0.00	152.70 8.50 0.00	175.57 9.58 0.00	211.07 10.90 0.00	173.16 9.73 0.00	128.51 7.94 0.00	148.75 10.11 0.00	144.53 9.51 0.00	134.00 9.08 0.00	122.36 8.47 0.00	73.53 5.12 0.00	85.56 6.00 0.00	116.35 8.22 0.00	169.49 10.77 0.00	356.59 21.54 0.00	180.10 10.79 0.00	159.43 9.49 0.00	158.45 9.60 0.00	146.04 9.18 0.00	148.76 9.15 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	160.23 12.34 0.00	155.62 16.51 0.00	149.02 15.57 -8.28	149.64 16.24 0.00	146.61 15.59 0.00	160.78 16.57 0.00	183.71 17.72 0.00	220.45 20.27 0.00	180.02 16.59 0.00	134.22 13.64 0.00	154.66 16.03 0.00	150.38 15.37 0.00	140.46 15.54 0.00	145.36 14.80 -16.67	146.43 9.55 -68.47	139.08 11.12 -48.40	144.12 15.32 -20.68	179.28 20.57 0.00	376.85 41.81 0.00	190.31 21.00 0.00	168.63 18.68 0.00	167.12 18.26 0.00	154.73 17.86 0.00	157.14 17.53 0.00
DELAWARE___LFGE 323621	152.87 4.97 0.00	143.95 4.84 0.00	129.55 4.38 0.00	138.30 4.91 0.00	135.85 4.83 0.00	149.76 5.55 0.00	172.22 6.22 0.00	206.98 6.81 0.00	169.72 6.29 0.00	125.76 5.18 0.00	144.96 6.32 0.00	141.02 6.00 0.00	130.83 5.91 0.00	119.21 5.32 0.00	71.47 3.06 0.00	83.04 3.48 0.00	113.02 4.89 0.00	165.27 6.55 0.00	348.20 13.16 0.00	176.14 6.83 0.00	155.73 5.79 0.00	154.76 5.90 0.00	142.35 5.49 0.00	145.05 5.44 0.00
DERFIELD_115KV_TB7 355931	149.34 1.44 0.00	140.36 1.25 0.00	126.33 1.16 0.00	134.72 1.33 0.00	132.23 1.21 0.00	145.46 1.25 0.00	167.41 1.42 0.00	201.46 1.29 0.00	164.67 1.24 0.00	121.80 1.22 0.00	140.21 1.58 0.00	136.46 1.44 0.00	126.36 1.45 0.00	115.26 1.37 0.00	69.18 0.77 0.00	80.43 0.87 0.00	109.39 1.25 0.00	160.23 1.52 0.00	338.05 3.01 0.00	170.71 1.40 0.00	151.26 1.32 0.00	150.33 1.48 0.00	138.24 1.38 0.00	141.13 1.52 0.00
DOGLEVILLE___HYD 23807	154.50 6.61 0.00	144.80 5.69 0.00	130.26 5.09 0.00	139.02 5.63 0.00	136.45 5.43 0.00	149.89 5.68 0.00	173.00 7.00 0.00	207.22 7.04 0.00	168.29 4.86 0.00	124.42 3.85 0.00	143.39 4.75 0.00	139.35 4.33 0.00	129.14 4.22 0.00	118.04 4.15 0.00	70.86 2.45 0.00	82.89 3.33 0.00	113.26 5.13 0.00	165.29 6.58 0.00	348.25 13.21 0.00	175.34 6.02 0.00	155.21 5.27 0.00	154.87 6.02 0.00	142.63 5.77 0.00	145.87 6.26 0.00
DUNKIRK___115KV_TB_200 55889	136.92 -10.97 0.00	129.18 -9.93 0.00	115.80 -9.37 0.00	124.87 -8.53 0.00	123.68 -7.34 0.00	140.21 -3.99 0.00	158.18 -7.82 0.00	188.54 -11.64 0.00	156.02 -7.41 0.00	115.68 -4.89 0.00	129.69 -6.49 2.46	129.60 -5.42 0.00	120.22 -4.69 0.00	109.36 -4.53 0.00	65.65 -2.76 0.00	76.58 -2.98 0.00	103.52 -4.61 0.00	151.27 -7.45 0.00	320.56 -14.48 0.00	163.62 -5.69 0.00	143.05 -6.88 0.00	141.86 -7.00 0.00	129.97 -6.90 0.00	133.42 -6.19 0.00
DUNKIRK___1 23563	136.92 -10.97 0.00	129.18 -9.93 0.00	115.80 -9.37 0.00	124.87 -8.53 0.00	123.68 -7.34 0.00	140.21 -3.99 0.00	158.18 -7.82 0.00	188.54 -11.64 0.00	156.02 -7.41 0.00	115.68 -4.89 0.00	129.69 -6.49 2.46	129.60 -5.42 0.00	120.22 -4.69 0.00	109.36 -4.53 0.00	65.65 -2.76 0.00	76.58 -2.98 0.00	103.52 -4.61 0.00	151.27 -7.45 0.00	320.56 -14.48 0.00	163.62 -5.69 0.00	143.05 -6.88 0.00	141.86 -7.00 0.00	129.97 -6.90 0.00	133.42 -6.19 0.00
DUNKIRK___2 23564	136.92 -10.97 0.00	129.18 -9.93 0.00	115.80 -9.37 0.00	124.87 -8.53 0.00	123.68 -7.34 0.00	140.21 -3.99 0.00	158.18 -7.82 0.00	188.54 -11.64 0.00	156.02 -7.41 0.00	115.68 -4.89 0.00	129.69 -6.49 2.46	129.60 -5.42 0.00	120.22 -4.69 0.00	109.36 -4.53 0.00	65.65 -2.76 0.00	76.58 -2.98 0.00	103.52 -4.61 0.00	151.27 -7.45 0.00	320.56 -14.48 0.00	163.62 -5.69 0.00	143.05 -6.88 0.00	141.86 -7.00 0.00	129.97 -6.90 0.00	133.42 -6.19 0.00
DUNKIRK___3 23565	136.85 -11.05 0.00	128.90 -10.21 0.00	115.51 -9.67 0.00	124.48 -8.91 0.00	123.21 -7.81 0.00	139.54 -4.67 0.00	157.23 -8.76 0.00	187.45 -12.73 0.00	155.14 -8.29 0.00	114.96 -5.62 0.00	128.99 -7.23 2.42	128.78 -6.23 0.00	119.47 -5.44 0.00	108.68 -5.21 0.00	65.29 -3.12 0.00	76.14 -3.42 0.00	102.82 -5.31 0.00	150.15 -8.56 0.00	318.22 -16.82 0.00	162.52 -6.80 0.00	142.16 -7.78 0.00	140.99 -7.87 0.00	129.20 -7.66 0.00	132.61 -6.99 0.00
DUNKIRK___4 23566	136.85 -11.05 0.00	128.90 -10.21 0.00	115.51 -9.67 0.00	124.48 -8.91 0.00	123.21 -7.81 0.00	139.54 -4.67 0.00	157.23 -8.76 0.00	187.45 -12.73 0.00	155.14 -8.29 0.00	114.96 -5.62 0.00	128.99 -7.23 2.42	128.78 -6.23 0.00	119.47 -5.44 0.00	108.68 -5.21 0.00	65.29 -3.12 0.00	76.14 -3.42 0.00	102.82 -5.31 0.00	150.15 -8.56 0.00	318.22 -16.82 0.00	162.52 -6.80 0.00	142.16 -7.78 0.00	140.99 -7.87 0.00	129.20 -7.66 0.00	132.61 -6.99 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	157.48 9.59 0.00	148.08 8.97 0.00	133.36 8.19 0.00	142.01 8.62 0.00	139.14 8.12 0.00	152.62 8.41 0.00	175.52 9.52 0.00	210.99 10.82 0.00	173.67 10.23 0.00	129.16 8.58 0.00	150.20 11.57 0.00	146.04 11.02 0.00	135.44 10.52 0.00	123.58 9.69 0.00	74.29 5.88 0.00	86.38 6.81 0.00	117.25 9.12 0.00	170.25 11.53 0.00	357.85 22.81 0.00	180.52 11.21 0.00	159.68 9.74 0.00	158.69 9.83 0.00	146.43 9.56 0.00	149.26 9.65 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	156.61 8.72 0.00	147.21 8.11 0.00	132.56 7.38 0.00	141.30 7.90 0.00	138.55 7.52 0.00	152.15 7.94 0.00	175.10 9.10 0.00	210.44 10.26 0.00	172.61 9.17 0.00	128.19 7.61 0.00	148.52 9.89 0.00	144.34 9.32 0.00	133.85 8.93 0.00	122.24 8.35 0.00	73.44 5.03 0.00	85.44 5.88 0.00	116.15 8.02 0.00	169.15 10.43 0.00	356.06 21.02 0.00	179.70 10.39 0.00	159.01 9.07 0.00	158.02 9.16 0.00	145.65 8.79 0.00	148.36 8.75 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	157.72 9.82 0.00	148.32 9.21 0.00	133.53 8.36 0.00	142.16 8.77 0.00	139.29 8.26 0.00	152.58 8.37 0.00	175.61 9.61 0.00	211.21 11.03 0.00	174.00 10.56 -0.01	129.46 8.88 -0.01	150.86 12.21 -0.01	146.58 11.56 -0.01	135.88 10.96 0.00	123.95 9.98 -0.08	74.54 6.05 -0.08	86.66 7.01 -0.09	117.66 9.30 -0.23	170.43 11.70 -0.02	357.95 22.91 0.00	180.69 11.37 0.00	159.76 9.82 0.00	158.80 9.94 0.00	146.79 9.79 -0.14	149.33 9.71 -0.01
E179THST_13_KV_LOAD 356214	158.42 10.52 0.00	148.93 9.82 0.00	134.10 8.93 0.00	142.72 9.33 0.00	139.86 8.84 0.00	153.27 9.07 0.00	176.37 10.38 0.00	212.21 12.03 0.00	174.90 11.46 -0.01	130.16 9.57 -0.01	151.63 12.98 -0.01	147.31 12.29 -0.01	136.54 11.63 0.00	124.58 10.61 -0.08	74.94 6.44 -0.08	87.12 7.47 -0.09	118.27 9.90 -0.23	171.34 12.61 -0.02	359.93 24.90 0.00	181.69 12.38 0.00	160.62 10.68 0.00	159.64 10.79 0.00	147.51 10.50 -0.14	150.01 10.40 -0.01
EAST HAMPTON___GT 23717	158.45 10.55 0.00	157.48 18.38 0.00	150.70 17.25 -8.28	151.49 18.10 0.00	148.47 17.45 0.00	162.99 18.78 0.00	186.20 20.20 0.00	223.18 23.00 0.00	182.36 18.93 0.00	135.88 15.31 0.00	156.32 17.69 0.00	151.96 16.95 0.00	141.86 16.95 0.00	146.64 16.08 -16.67	147.25 10.37 -68.47	140.06 12.11 -48.40	145.58 16.77 -20.68	181.61 22.90 0.00	381.90 46.86 0.00	192.80 23.49 0.00	170.80 20.86 0.00	169.14 20.28 0.00	156.53 19.67 0.00	158.92 19.32 0.00
EAST RIVER___6 23660	157.50 9.61 0.00	148.07 8.96 0.00	133.36 8.18 0.00	141.95 8.55 0.00	139.02 8.00 0.00	152.39 8.18 0.00	175.36 9.37 0.00	211.06 10.88 0.00	174.24 10.80 0.00	129.67 9.09 0.00	151.14 12.50 0.00	146.93 11.92 0.00	136.19 11.27 0.00	124.09 10.20 0.00	74.58 6.17 0.00	86.73 7.17 0.00	117.68 9.54 0.00	170.86 12.15 0.00	358.62 23.58 0.00	180.82 11.51 0.00	159.81 9.87 0.00	158.71 9.86 0.00	146.45 9.59 0.00	149.26 9.65 0.00
EAST RIVER___7 23524	157.50 9.61 0.00	148.07 8.96 0.00	133.36 8.18 0.00	141.95 8.55 0.00	139.02 8.00 0.00	152.39 8.18 0.00	175.36 9.37 0.00	211.06 10.88 0.00	174.24 10.80 0.00	129.67 9.09 0.00	151.14 12.50 0.00	146.93 11.92 0.00	136.19 11.27 0.00	124.09 10.20 0.00	74.58 6.17 0.00	86.73 7.17 0.00	117.68 9.54 0.00	170.86 12.15 0.00	358.62 23.58 0.00	180.82 11.51 0.00	159.81 9.87 0.00	158.71 9.86 0.00	146.45 9.59 0.00	149.26 9.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	157.09 9.19 0.00	147.71 8.60 0.00	133.05 7.88 0.00	141.66 8.27 0.00	138.83 7.81 0.00	152.28 8.08 0.00	175.12 9.13 0.00	210.51 10.33 0.00	173.15 9.71 0.00	128.81 8.24 0.00	149.65 11.02 0.00	145.46 10.44 0.00	134.95 10.03 0.00	123.20 9.31 0.00	74.04 5.63 0.00	86.08 6.52 0.00	116.86 8.73 0.00	169.79 11.07 0.00	356.95 21.91 0.00	180.06 10.75 0.00	159.26 9.31 0.00	158.28 9.42 0.00	146.08 9.21 0.00	148.89 9.28 0.00
EAST_HAMPTON___DIESEL 23722	158.08 10.18 0.00	157.51 18.40 0.00	150.74 17.29 -8.28	151.55 18.15 0.00	148.52 17.50 0.00	163.03 18.82 0.00	186.26 20.27 0.00	223.19 23.02 0.00	182.42 18.98 0.00	135.91 15.33 0.00	156.39 17.75 0.00	152.00 16.98 0.00	141.90 16.99 0.00	146.68 16.12 -16.67	147.27 10.39 -68.47	140.09 12.13 -48.40	145.64 16.83 -20.68	181.65 22.94 0.00	382.04 47.00 0.00	192.87 23.56 0.00	170.84 20.89 0.00	169.21 20.35 0.00	156.63 19.77 0.00	159.02 19.42 0.00
EAST_POINT___SOLAR 323840	160.02 12.13 0.00	150.56 11.45 0.00	135.28 10.11 0.00	144.35 10.96 0.00	142.09 11.07 0.00	157.18 12.97 0.00	181.52 15.53 0.00	218.61 18.43 0.00	176.69 13.25 0.00	127.85 7.27 0.00	145.08 6.45 0.00	141.02 6.00 0.00	131.25 6.33 0.00	119.39 5.50 0.00	72.00 3.59 0.00	84.44 4.88 0.00	116.53 8.40 0.00	173.17 14.45 0.00	366.91 31.87 0.00	185.69 16.38 0.00	163.84 13.90 0.00	162.47 13.61 0.00	149.01 12.15 0.00	151.55 11.94 0.00
EAST_PULASKI___ESR 323781	149.30 1.41 0.00	139.86 0.75 0.00	125.60 0.42 0.00	134.23 0.83 0.00	132.20 1.18 0.00	146.24 2.03 0.00	246.43 2.50 -77.92	300.39 3.04 -97.18	236.26 3.10 -69.73	122.55 1.98 0.00	140.21 1.57 0.00	136.29 1.27 0.00	125.95 1.04 0.00	114.74 0.85 0.00	68.54 0.13 0.00	79.55 -0.01 0.00	108.74 0.61 0.00	160.90 2.19 0.00	342.96 7.93 0.00	173.82 4.51 0.00	152.87 2.93 0.00	151.47 2.61 0.00	139.26 2.40 0.00	141.95 2.34 0.00
EAST_RIVER___1 323558	157.76 9.87 0.00	148.33 9.22 0.00	133.60 8.43 0.00	142.18 8.79 0.00	139.29 8.26 0.00	152.63 8.42 0.00	175.57 9.57 0.00	211.24 11.06 0.00	174.25 10.82 0.00	129.68 9.11 0.00	151.17 12.54 0.00	146.97 11.95 0.00	136.21 11.29 0.00	124.11 10.22 0.00	74.59 6.19 0.00	86.74 7.18 0.00	117.69 9.56 0.00	170.88 12.17 0.00	358.80 23.75 0.00	180.90 11.59 0.00	159.90 9.96 0.00	158.84 9.98 0.00	146.62 9.76 0.00	149.48 9.87 0.00
EAST_RIVER___2 323559	157.50 9.61 0.00	148.07 8.96 0.00	133.36 8.18 0.00	141.95 8.55 0.00	139.02 8.00 0.00	152.39 8.18 0.00	175.36 9.37 0.00	211.06 10.88 0.00	174.24 10.80 0.00	129.67 9.09 0.00	151.14 12.50 0.00	146.93 11.92 0.00	136.19 11.27 0.00	124.09 10.20 0.00	74.58 6.17 0.00	86.73 7.17 0.00	117.68 9.54 0.00	170.86 12.15 0.00	358.62 23.58 0.00	180.82 11.51 0.00	159.81 9.87 0.00	158.71 9.86 0.00	146.45 9.59 0.00	149.26 9.65 0.00
EAST___DELAWARE_HYD 23607	155.56 7.66 0.00	146.25 7.14 0.00	131.66 6.48 0.00	140.30 6.91 0.00	137.68 6.66 0.00	151.43 7.22 0.00	174.44 8.44 0.00	209.85 9.68 0.00	171.88 8.44 0.00	127.25 6.67 0.00	147.15 8.51 0.00	142.90 7.88 0.00	132.37 7.45 0.00	120.79 6.90 0.00	72.55 4.14 0.00	84.53 4.97 0.00	115.13 7.00 0.00	168.13 9.42 0.00	354.35 19.31 0.00	178.97 9.66 0.00	158.34 8.40 0.00	157.25 8.39 0.00	144.75 7.89 0.00	147.32 7.72 0.00
EIGHT_POINT___WT_PWR 323820	138.67 -9.22 0.00	130.96 -8.15 0.00	115.66 -9.51 0.00	124.71 -8.68 0.00	124.03 -6.99 0.00	139.26 -4.95 0.00	158.54 -7.46 0.00	189.88 -10.29 0.00	157.97 -5.46 0.00	116.40 -4.18 0.00	126.92 -6.27 5.44	128.16 -6.85 0.00	120.01 -4.90 0.00	109.75 -4.14 0.00	66.24 -2.17 0.00	77.53 -2.03 0.00	105.54 -2.59 0.00	154.40 -4.31 0.00	327.52 -7.52 0.00	167.00 -2.31 0.00	147.31 -2.63 0.00	146.89 -1.97 0.00	134.20 -2.66 0.00	137.16 -2.45 0.00
ELBRIDGE_115KV_TB2 80188	144.29 -3.61 0.00	135.61 -3.50 0.00	121.84 -3.34 0.00	130.21 -3.18 0.00	128.10 -2.92 0.00	141.90 -2.31 0.00	182.12 -3.15 -19.27	219.81 -4.41 -24.03	177.75 -2.93 -17.24	118.72 -1.85 0.00	136.47 -2.16 0.00	132.91 -2.11 0.00	123.00 -1.92 0.00	112.14 -1.75 0.00	67.36 -1.05 0.00	78.28 -1.28 0.00	106.41 -1.72 0.00	156.19 -2.52 0.00	330.09 -4.95 0.00	167.13 -2.18 0.00	147.19 -2.76 0.00	145.95 -2.90 0.00	134.06 -2.81 0.00	136.53 -3.08 0.00
ELEC_TRO_TEK 24086	158.27 10.38 0.00	149.54 10.43 0.00	143.18 9.73 -8.28	143.45 10.06 0.00	140.52 9.50 0.00	153.92 9.71 0.00	176.52 10.53 0.00	211.96 11.78 0.00	174.06 10.62 0.00	129.89 9.31 0.00	150.68 12.04 0.00	146.60 11.59 0.00	136.59 11.68 0.00	141.52 10.96 -16.67	143.65 6.77 -68.47	135.82 7.86 -48.40	139.34 10.54 -20.68	171.86 13.14 0.00	360.39 25.35 0.00	182.09 12.77 0.00	161.33 11.39 0.00	160.35 11.49 0.00	148.24 11.37 0.00	151.01 11.41 0.00

ELLENBURG_WT_PWR 323604	84.53 -4.21 59.15	-1.40 -4.10 136.41	-12.52 -3.76 133.93	96.97 -4.10 32.33	2.83 -4.12 124.07	131.41 -4.40 8.39	-15.45 -1.73 179.71	-21.90 2.04 224.11	1.99 -0.64 160.80	117.57 -3.01 0.00	134.79 -3.84 0.00	132.32 -2.70 0.00	121.88 -3.04 0.00	111.05 -2.84 0.00	66.83 -1.58 0.00	77.93 -1.63 0.00	105.40 -2.73 0.00	156.16 -2.55 0.00	330.63 -4.42 0.00	167.24 -2.07 0.00	148.62 -1.32 0.00	147.24 -1.62 0.00	135.01 -1.85 0.00	137.59 -2.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	135.67 -12.22 0.00	127.44 -11.67 0.00	114.06 -11.11 0.00	122.88 -10.51 0.00	121.80 -9.22 0.00	137.90 -6.31 0.00	154.99 -11.00 0.00	184.45 -15.73 0.00	152.86 -10.57 0.00	112.93 -7.64 0.00	126.84 -9.55 2.24	126.46 -8.55 0.00	117.08 -7.83 0.00	106.52 -7.37 0.00	64.22 -4.19 0.00	74.91 -4.65 0.00	100.72 -7.41 0.00	147.13 -11.58 0.00	311.92 -23.12 0.00	159.53 -9.78 0.00	139.66 -10.28 0.00	138.25 -10.61 0.00	126.82 -10.05 0.00	130.31 -9.30 0.00
EMPIRE_CC_1 323656	153.14 5.24 0.00	143.55 4.44 0.00	129.27 4.10 0.00	137.72 4.33 0.00	135.03 4.01 0.00	147.98 3.77 0.00	170.11 4.12 0.00	204.05 3.87 0.00	166.88 3.45 0.00	124.08 3.50 0.00	142.99 4.35 0.00	138.87 3.86 0.00	128.97 4.06 0.00	118.07 4.18 0.00	71.05 2.64 0.00	82.64 3.08 0.00	112.23 4.10 0.00	163.05 4.33 0.00	343.55 8.51 0.00	173.27 3.96 0.00	153.96 4.02 0.00	153.30 4.44 0.00	141.32 4.45 0.00	144.56 4.96 0.00
EMPIRE_CC_2 323658	153.14 5.24 0.00	143.55 4.44 0.00	129.27 4.10 0.00	137.72 4.33 0.00	135.03 4.01 0.00	147.98 3.77 0.00	170.11 4.12 0.00	204.05 3.87 0.00	166.88 3.45 0.00	124.08 3.50 0.00	142.99 4.35 0.00	138.87 3.86 0.00	128.97 4.06 0.00	118.07 4.18 0.00	71.05 2.64 0.00	82.64 3.08 0.00	112.23 4.10 0.00	163.05 4.33 0.00	343.55 8.51 0.00	173.27 3.96 0.00	153.96 4.02 0.00	153.30 4.44 0.00	141.32 4.45 0.00	144.56 4.96 0.00
ENORWICH_115KV_TB1 80156	154.07 6.17 0.00	145.33 6.22 0.00	131.17 6.00 0.00	141.66 8.27 0.00	139.79 8.77 0.00	156.81 12.60 0.00	181.70 15.71 0.00	219.62 19.45 0.00	179.53 16.09 0.00	132.91 12.33 0.00	155.96 13.89 -3.43	147.70 12.68 0.00	135.80 10.89 0.00	122.80 8.91 0.00	73.22 4.81 0.00	85.04 5.47 0.00	117.17 9.04 0.00	175.08 16.37 0.00	370.90 35.86 0.00	187.95 18.64 0.00	165.20 15.26 0.00	163.43 14.58 0.00	149.57 12.70 0.00	151.79 12.18 0.00
ERIE_ST__34_KV_TB1-2 80199	140.14 -7.75 0.00	131.59 -7.52 0.00	117.77 -7.41 0.00	126.87 -6.52 0.00	125.50 -5.52 0.00	141.97 -2.24 0.00	159.75 -6.25 0.00	190.38 -9.79 0.00	157.89 -5.55 0.00	116.64 -3.94 0.00	131.12 -5.17 2.34	130.80 -4.21 0.00	121.23 -3.68 0.00	110.31 -3.58 0.00	66.43 -1.99 0.00	77.45 -2.11 0.00	104.21 -3.92 0.00	152.07 -6.65 0.00	322.37 -12.67 0.00	164.88 -4.43 0.00	144.30 -5.64 0.00	142.88 -5.97 0.00	130.98 -5.88 0.00	134.46 -5.15 0.00
ERIE_WT_PWR 323693	137.04 -10.85 0.00	128.70 -10.41 0.00	115.21 -9.97 0.00	124.19 -9.20 0.00	123.04 -7.98 0.00	139.22 -4.99 0.00	156.58 -9.42 0.00	186.30 -13.88 0.00	136.40 -8.96 18.08	114.23 -6.35 0.00	128.15 -8.17 2.32	127.78 -7.24 0.00	118.33 -6.59 0.00	107.69 -6.20 0.00	64.94 -3.47 0.00	75.76 -3.80 0.00	101.89 -6.24 0.00	148.75 -9.97 0.00	315.48 -19.56 0.00	161.38 -7.93 0.00	141.41 -8.53 0.00	139.98 -8.88 0.00	128.44 -8.43 0.00	131.76 -7.85 0.00
ESPRGFLD_115KV_TB1 80157	154.25 6.36 0.00	145.48 6.37 0.00	130.83 5.66 0.00	139.77 6.38 0.00	137.53 6.51 0.00	152.38 8.17 0.00	175.72 9.72 0.00	211.96 11.78 0.00	173.34 9.90 0.00	127.54 6.97 0.00	146.23 7.60 0.00	142.19 7.18 0.00	131.82 6.90 0.00	119.78 5.89 0.00	71.83 3.42 0.00	83.57 4.01 0.00	114.03 5.90 0.00	168.15 9.43 0.00	355.44 20.40 0.00	180.19 10.88 0.00	159.03 9.09 0.00	157.69 8.83 0.00	144.75 7.88 0.00	146.98 7.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	148.70 0.80 0.00	139.79 0.68 0.00	125.62 0.44 0.00	134.46 1.07 0.00	132.28 1.26 0.00	146.84 2.63 0.00	168.73 2.73 0.00	203.04 2.87 0.00	166.45 3.02 0.00	123.16 2.58 0.00	149.85 2.72 -8.49	137.52 2.51 0.00	127.23 2.32 0.00	115.95 2.06 0.00	69.57 1.16 0.00	80.94 1.38 0.00	110.32 2.19 0.00	162.11 3.39 0.00	342.98 7.94 0.00	173.72 4.41 0.00	152.86 2.92 0.00	151.51 2.66 0.00	138.91 2.05 0.00	141.41 1.80 0.00
ETNA____115KV_TB2 80207	148.70 0.80 0.00	139.79 0.68 0.00	125.62 0.44 0.00	134.46 1.07 0.00	132.28 1.26 0.00	146.84 2.63 0.00	168.73 2.73 0.00	203.04 2.87 0.00	166.45 3.02 0.00	123.16 2.58 0.00	149.85 2.72 -8.49	137.52 2.51 0.00	127.23 2.32 0.00	115.95 2.06 0.00	69.57 1.16 0.00	80.94 1.38 0.00	110.32 2.19 0.00	162.11 3.39 0.00	342.98 7.94 0.00	173.72 4.41 0.00	152.86 2.92 0.00	151.51 2.66 0.00	138.91 2.05 0.00	141.41 1.80 0.00
EUCLID____115KV_TB2 356179	143.27 -4.63 0.00	134.57 -4.54 0.00	120.94 -4.24 0.00	129.22 -4.17 0.00	127.15 -3.88 0.00	140.72 -3.49 0.00	185.81 -4.48 -24.29	224.52 -5.94 -30.29	180.93 -4.24 -21.73	117.80 -2.77 0.00	135.38 -3.26 0.00	131.87 -3.15 0.00	122.03 -2.88 0.00	111.22 -2.67 0.00	66.81 -1.60 0.00	77.68 -1.88 0.00	105.63 -2.50 0.00	154.85 -3.86 0.00	327.35 -7.69 0.00	165.70 -3.61 0.00	146.14 -3.80 0.00	144.95 -3.91 0.00	133.06 -3.81 0.00	135.71 -3.90 0.00
E_CANADA_CAP_HY 24051	156.28 8.38 0.00	147.29 8.18 0.00	132.40 7.22 0.00	141.23 7.84 0.00	139.00 7.98 0.00	153.89 9.68 0.00	177.41 11.41 0.00	214.09 13.92 0.00	174.24 10.81 0.00	127.37 6.80 0.00	145.55 6.92 0.00	141.52 6.50 0.00	131.20 6.29 0.00	119.27 5.38 0.00	71.71 3.30 0.00	83.67 4.11 0.00	114.17 6.04 0.00	168.79 10.07 0.00	357.08 22.04 0.00	180.96 11.65 0.00	159.83 9.89 0.00	158.90 10.04 0.00	145.94 9.08 0.00	148.38 8.77 0.00
E_CANADA_MHWK_HY 24050	154.50 6.61 0.00	144.80 5.69 0.00	130.26 5.09 0.00	139.02 5.63 0.00	136.45 5.43 0.00	149.89 5.68 0.00	173.00 7.00 0.00	207.22 7.04 0.00	168.29 4.86 0.00	124.42 3.85 0.00	143.39 4.75 0.00	139.35 4.33 0.00	129.14 4.22 0.00	118.04 4.15 0.00	70.86 2.45 0.00	82.89 3.33 0.00	113.26 5.13 0.00	165.29 6.58 0.00	348.25 13.21 0.00	175.34 6.02 0.00	155.21 5.27 0.00	154.87 6.02 0.00	142.63 5.77 0.00	145.87 6.26 0.00
E_FISHKILL____LBMP 23776	156.20 8.31 0.00	146.80 7.69 0.00	132.24 7.06 0.00	140.89 7.50 0.00	138.06 7.04 0.00	151.46 7.26 0.00	174.25 8.25 0.00	209.37 9.20 0.00	171.90 8.46 0.00	127.80 7.23 0.00	148.25 9.61 0.00	144.11 9.10 0.00	133.66 8.74 0.00	122.10 8.21 0.00	73.37 4.96 0.00	85.32 5.76 0.00	115.88 7.74 0.00	168.36 9.65 0.00	353.91 18.86 0.00	178.65 9.34 0.00	158.13 8.19 0.00	157.25 8.39 0.00	145.08 8.22 0.00	147.90 8.29 0.00
FALCON____SEABRD_CC1 323796	84.61 -3.56 59.73	-2.11 -3.49 137.73	-12.95 -2.89 135.23	97.61 -3.14 32.64	2.36 -3.39 125.27	132.15 -3.58 8.48	-24.68 -1.02 189.66	-33.20 3.14 236.52	-5.94 0.33 169.70	118.47 -2.11 0.00	135.80 -2.83 0.00	133.47 -1.54 0.00	123.06 -1.85 0.00	112.23 -1.66 0.00	67.51 -0.90 0.00	78.79 -0.77 0.00	106.11 -2.02 0.00	156.67 -2.04 0.00	331.67 -3.37 0.00	167.89 -1.42 0.00	149.92 -0.02 0.00	148.65 -0.21 0.00	135.98 -0.88 0.00	138.54 -1.07 0.00

FALCON___SEABRD_CC2 323797	84.61 -3.56 59.73	-2.11 -3.49 137.73	-12.95 -2.89 135.23	97.61 -3.14 32.64	2.36 -3.39 125.27	132.15 -3.58 8.48	-24.68 -1.02 189.66	-33.20 3.14 236.52	-5.94 0.33 169.70	118.47 -2.11 0.00	135.80 -2.83 0.00	133.47 -1.54 0.00	123.06 -1.85 0.00	112.23 -1.66 0.00	67.51 -0.90 0.00	78.79 -0.77 0.00	106.11 -2.02 0.00	156.67 -2.04 0.00	331.67 -3.37 0.00	167.89 -1.42 0.00	149.92 -0.02 0.00	148.65 -0.21 0.00	135.98 -0.88 0.00	138.54 -1.07 0.00
FAR ROCKAWAY___4 23548	160.39 12.50 0.00	151.45 12.34 0.00	144.85 11.40 -8.28	145.26 11.87 0.00	142.26 11.24 0.00	155.91 11.70 0.00	178.88 12.89 0.00	214.83 14.65 0.00	176.29 12.86 0.00	131.51 10.93 0.00	152.62 13.98 0.00	148.57 13.56 0.00	138.31 13.40 0.00	143.15 12.59 -16.67	144.60 7.72 -68.47	136.95 8.99 -48.40	140.90 12.09 -20.68	174.31 15.60 0.00	365.85 30.81 0.00	184.79 15.48 0.00	163.64 13.70 0.00	162.61 13.75 0.00	150.26 13.39 0.00	153.09 13.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	157.91 10.02 0.00	148.47 9.36 0.00	133.72 8.55 0.00	142.32 8.92 0.00	139.41 8.39 0.00	152.80 8.59 0.00	175.73 9.74 0.00	211.38 11.20 0.00	174.40 10.97 0.00	129.79 9.21 0.00	151.25 12.61 0.00	146.99 11.97 0.00	136.29 11.38 0.00	124.19 10.30 0.00	74.63 6.22 0.00	86.80 7.24 0.00	117.74 9.61 0.00	170.90 12.18 0.00	358.96 23.92 0.00	181.05 11.73 0.00	160.01 10.07 0.00	158.97 10.12 0.00	146.74 9.87 0.00	149.61 10.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	158.02 10.13 0.00	148.55 9.44 0.00	133.78 8.61 0.00	142.41 9.02 0.00	139.51 8.49 0.00	152.89 8.68 0.00	175.86 9.86 0.00	211.53 11.35 0.00	174.51 11.07 0.00	129.84 9.27 0.00	151.32 12.68 0.00	147.10 12.09 0.00	136.33 11.42 0.00	124.24 10.35 0.00	74.66 6.25 0.00	86.84 7.28 0.00	117.81 9.68 0.00	171.04 12.33 0.00	359.25 24.21 0.00	181.16 11.85 0.00	160.14 10.20 0.00	159.06 10.20 0.00	146.85 9.99 0.00	149.69 10.08 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	157.86 9.97 0.00	148.39 9.27 0.00	133.62 8.45 0.00	142.26 8.87 0.00	139.38 8.36 0.00	152.71 8.51 0.00	175.65 9.66 0.00	211.31 11.14 0.00	174.31 10.87 0.00	129.69 9.12 0.00	151.17 12.54 0.00	146.93 11.92 0.00	136.20 11.29 0.00	124.12 10.23 0.00	74.59 6.18 0.00	86.74 7.18 0.00	117.69 9.56 0.00	170.86 12.14 0.00	358.80 23.76 0.00	180.92 11.60 0.00	159.92 9.98 0.00	158.86 10.01 0.00	146.63 9.77 0.00	149.51 9.89 0.00
FARRAGUT___LBMP 323566	157.73 9.83 0.00	148.27 9.16 0.00	133.56 8.38 0.00	142.14 8.75 0.00	139.25 8.23 0.00	152.57 8.37 0.00	175.49 9.49 0.00	211.11 10.93 0.00	174.12 10.68 0.00	129.56 8.99 0.00	151.01 12.37 0.00	146.78 11.76 0.00	136.07 11.16 0.00	124.00 10.11 0.00	74.52 6.12 0.00	86.66 7.10 0.00	117.58 9.45 0.00	170.64 11.93 0.00	358.41 23.36 0.00	180.73 11.42 0.00	159.78 9.84 0.00	158.72 9.86 0.00	146.51 9.64 0.00	149.38 9.78 0.00
FENNER___WINDPWR 24204	149.98 2.09 0.00	141.02 1.91 0.00	127.00 1.82 0.00	135.83 2.44 0.00	133.78 2.76 0.00	147.88 3.67 0.00	197.94 4.52 -27.43	239.63 5.25 -34.21	192.67 4.69 -24.54	124.35 3.77 0.00	144.19 3.93 -1.62	138.80 3.79 0.00	128.15 3.24 0.00	116.80 2.91 0.00	69.96 1.55 0.00	81.23 1.67 0.00	111.04 2.91 0.00	163.23 4.52 0.00	345.13 10.10 0.00	174.57 5.26 0.00	154.10 4.16 0.00	152.79 3.93 0.00	140.18 3.31 0.00	142.86 3.25 0.00
FIBERTEK___ENERGY 23856	145.81 -2.09 0.00	136.94 -2.17 0.00	123.05 -2.13 0.00	131.48 -1.91 0.00	129.39 -1.64 0.00	143.27 -0.94 0.00	186.78 -1.43 -22.21	225.64 -2.24 -27.70	182.10 -1.21 -19.87	120.03 -0.55 0.00	137.87 -0.77 0.00	134.29 -0.72 0.00	124.23 -0.68 0.00	113.24 -0.65 0.00	67.98 -0.43 0.00	79.05 -0.51 0.00	107.52 -0.61 0.00	157.86 -0.85 0.00	333.85 -1.19 0.00	169.04 -0.27 0.00	148.84 -1.11 0.00	147.62 -1.24 0.00	135.48 -1.39 0.00	137.94 -1.67 0.00
FITZPATRICK____ 23598	141.42 -6.48 0.00	132.86 -6.24 0.00	119.46 -5.72 0.00	127.54 -5.86 0.00	125.45 -5.57 0.00	138.61 -5.60 0.00	159.20 -6.80 0.00	191.57 -8.60 0.00	156.85 -6.58 0.00	115.93 -4.64 0.00	133.22 -5.42 0.00	129.80 -5.21 0.00	120.11 -4.80 0.00	109.49 -4.40 0.00	65.81 -2.61 0.00	76.49 -3.07 0.00	103.97 -4.16 0.00	152.46 -6.26 0.00	322.04 -13.00 0.00	163.00 -6.31 0.00	143.92 -6.02 0.00	142.79 -6.07 0.00	131.16 -5.70 0.00	133.78 -5.82 0.00
FLOWRFLD_69_KV_BK1 356044	158.96 11.07 0.00	151.11 12.00 0.00	144.94 11.49 -8.28	145.20 11.81 0.00	142.22 11.20 0.00	155.45 11.25 0.00	177.50 11.51 0.00	213.26 13.08 0.00	174.12 10.69 0.00	130.16 9.59 0.00	150.52 11.88 0.00	146.72 11.70 0.00	137.51 12.59 0.00	142.59 12.04 -16.67	144.51 7.63 -68.47	136.71 8.76 -48.40	140.55 11.75 -20.68	173.61 14.90 0.00	364.28 29.24 0.00	183.99 14.68 0.00	163.25 13.31 0.00	161.93 13.07 0.00	149.94 13.07 0.00	152.52 12.92 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	158.47 10.58 0.00	148.96 9.85 0.00	134.10 8.93 0.00	143.00 9.61 0.00	140.19 9.17 0.00	153.95 9.74 0.00	177.23 11.23 0.00	213.06 12.88 0.00	174.77 11.34 0.00	129.74 9.16 0.00	150.29 11.66 0.00	146.04 11.02 0.00	135.39 10.47 0.00	123.67 9.77 0.00	74.33 5.92 0.00	86.50 6.94 0.00	117.63 9.50 0.00	171.23 12.52 0.00	360.42 25.37 0.00	181.95 12.64 0.00	160.97 11.02 0.00	159.92 11.06 0.00	147.35 10.49 0.00	150.11 10.50 0.00
FORT ORANGE____ 23900	153.49 5.59 0.00	144.01 4.90 0.00	129.63 4.45 0.00	138.13 4.73 0.00	135.37 4.35 0.00	147.93 3.72 0.00	169.62 3.63 0.00	203.52 3.35 0.00	166.29 2.86 0.00	123.13 2.55 0.00	141.87 3.24 0.00	137.78 2.76 0.00	127.91 2.99 0.00	117.07 3.18 0.00	70.41 2.00 0.00	81.95 2.38 0.00	111.19 3.06 0.00	162.50 3.78 0.00	342.62 7.58 0.00	172.82 3.51 0.00	153.24 3.30 0.00	152.42 3.56 0.00	140.58 3.72 0.00	144.71 5.10 0.00
FORT_DRUM_COGEN 23780	158.72 7.96 -2.87	152.13 6.41 -6.61	137.13 5.46 -6.49	141.17 6.21 -1.57	143.65 6.61 -6.01	152.35 7.73 -0.41	377.02 11.04 -199.99	464.10 14.53 -249.39	353.98 11.61 -178.94	126.97 6.39 0.00	143.64 5.00 0.00	139.36 4.35 0.00	128.48 3.57 0.00	116.96 3.07 0.00	68.96 0.55 0.00	79.56 0.00 0.00	110.04 1.92 0.00	166.56 7.85 0.00	359.04 24.00 0.00	182.32 13.01 0.00	160.13 10.19 0.00	158.67 9.81 0.00	145.98 9.12 0.00	148.88 9.28 0.00
FOX_HILLS___ESR 323835	158.39 10.49 0.00	148.94 9.83 0.00	134.11 8.93 0.00	142.72 9.33 0.00	139.89 8.87 0.00	152.92 8.71 0.00	208.48 10.17 -32.31	367.12 11.82 -155.13	412.49 11.47 -237.59	315.27 9.47 -185.23	237.15 12.83 -85.69	293.28 12.09 -146.18	146.10 11.51 -9.68	125.34 10.42 -1.04	118.23 6.21 -43.61	-355.10 7.23 441.89	-73.88 9.53 191.54	188.97 12.52 -17.74	359.89 24.85 0.00	181.55 12.24 0.00	160.48 10.53 0.00	178.13 10.61 -18.66	300.24 10.47 -152.91	195.37 10.52 -45.24
FPL FAR_ROCK_GT1 24212	160.39 12.50 0.00	151.45 12.34 0.00	144.85 11.39 -8.28	145.26 11.87 0.00	142.26 11.24 0.00	155.92 11.71 0.00	178.90 12.91 0.00	214.85 14.67 0.00	176.29 12.85 0.00	131.53 10.95 0.00	152.65 14.01 0.00	148.56 13.55 0.00	138.31 13.40 0.00	143.14 12.59 -16.67	144.60 7.72 -68.47	136.95 8.99 -48.40	140.90 12.09 -20.68	174.31 15.60 0.00	365.85 30.81 0.00	184.79 15.48 0.00	163.64 13.70 0.00	162.59 13.73 0.00	150.26 13.39 0.00	153.08 13.47 0.00

FPL FAR_ROCK_GT2 23815	160.39 12.50 0.00	151.45 12.34 0.00	144.85 11.39 -8.28	145.26 11.87 0.00	142.26 11.24 0.00	155.92 11.71 0.00	178.90 12.91 0.00	214.85 14.67 0.00	176.29 12.85 0.00	131.53 10.95 0.00	152.65 14.01 0.00	148.56 13.55 0.00	138.31 13.40 0.00	143.14 12.59 -16.67	144.60 7.72 -68.47	136.95 8.99 -48.40	140.90 12.09 -20.68	174.31 15.60 0.00	365.85 30.81 0.00	184.79 15.48 0.00	163.64 13.70 0.00	162.59 13.73 0.00	150.26 13.39 0.00	153.08 13.47 0.00
FRANKLIN_FALL_HYD 24054	190.57 0.02 -42.66	237.35 -0.13 -98.37	221.49 -0.27 -96.59	156.25 -0.46 -23.31	220.03 -0.47 -89.47	149.92 -0.34 -6.05	1433.03 3.55 -1263.49	1784.17 8.39 -1575.61	1298.52 4.56 -1130.53	120.71 0.14 0.00	137.83 -0.80 0.00	135.05 0.04 0.00	124.31 -0.61 0.00	112.89 -1.00 0.00	67.81 -0.60 0.00	78.97 -0.59 0.00	106.98 -1.15 0.00	159.43 0.72 0.00	338.48 3.44 0.00	171.45 2.14 0.00	152.26 2.32 0.00	150.76 1.90 0.00	138.11 1.24 0.00	140.76 1.15 0.00
FREEPORT_EQUS_GT1 23764	159.08 11.18 0.00	150.38 11.27 0.00	144.00 10.55 -8.28	144.25 10.86 0.00	141.29 10.27 0.00	154.79 10.59 0.00	177.38 11.38 0.00	213.05 12.87 0.00	174.82 11.39 0.00	130.46 9.89 0.00	151.18 12.54 0.00	147.04 12.02 0.00	137.13 12.21 0.00	142.03 11.47 -16.67	144.01 7.12 -68.47	136.28 8.32 -48.40	139.99 11.19 -20.68	172.36 13.65 0.00	361.59 26.55 0.00	182.78 13.47 0.00	162.46 12.52 0.00	161.36 12.51 0.00	149.22 12.35 0.00	151.85 12.25 0.00
FREEPORT___CT2 23818	159.08 11.18 0.00	150.38 11.27 0.00	144.00 10.55 -8.28	144.25 10.86 0.00	141.29 10.27 0.00	154.79 10.59 0.00	177.38 11.38 0.00	213.05 12.87 0.00	174.82 11.39 0.00	130.46 9.89 0.00	151.18 12.54 0.00	147.04 12.02 0.00	137.13 12.21 0.00	142.03 11.47 -16.67	144.01 7.12 -68.47	136.28 8.32 -48.40	139.99 11.19 -20.68	172.36 13.65 0.00	361.59 26.55 0.00	182.78 13.47 0.00	162.46 12.52 0.00	161.36 12.51 0.00	149.22 12.35 0.00	151.85 12.25 0.00
FRESHKLS_33_KV_LOAD 356253	157.89 10.00 0.00	148.51 9.40 0.00	133.80 8.63 0.00	142.42 9.03 0.00	139.55 8.53 0.00	152.52 8.32 0.00	208.10 9.79 -32.31	366.62 11.32 -155.13	412.24 11.01 -237.79	316.13 9.05 -186.50	238.31 12.36 -87.31	293.29 11.49 -146.78	146.93 11.01 -11.01	129.40 9.93 -5.58	120.43 5.89 -46.14	-354.81 6.89 441.26	-73.34 9.24 190.71	188.92 12.46 -17.74	359.89 24.85 0.00	181.56 12.25 0.00	160.49 10.55 0.00	178.16 10.65 -18.66	300.18 10.41 -152.91	195.19 10.34 -45.24
FULTON COGEN____ 23766	147.07 -0.83 0.00	138.01 -1.10 0.00	123.92 -1.25 0.00	132.45 -0.94 0.00	130.38 -0.64 0.00	144.48 0.28 0.00	206.31 0.06 -40.25	250.14 -0.23 -50.19	200.01 0.56 -36.01	121.21 0.63 0.00	139.09 0.45 0.00	135.43 0.42 0.00	125.30 0.38 0.00	114.22 0.33 0.00	68.48 0.07 0.00	79.55 -0.01 0.00	108.34 0.21 0.00	159.25 0.54 0.00	337.62 2.58 0.00	170.98 1.68 0.00	150.54 0.60 0.00	149.14 0.28 0.00	136.77 -0.10 0.00	139.34 -0.26 0.00
FULTON___LFGE 323630	158.10 10.21 0.00	148.71 9.60 0.00	133.65 8.48 0.00	142.58 9.19 0.00	140.25 9.23 0.00	154.90 10.70 0.00	178.77 12.77 0.00	215.22 15.05 0.00	173.83 10.40 0.00	126.78 6.21 0.00	145.14 6.51 0.00	141.10 6.08 0.00	130.81 5.89 0.00	119.06 5.17 0.00	71.83 3.42 0.00	84.25 4.69 0.00	115.76 7.63 0.00	170.99 12.27 0.00	361.40 26.36 0.00	182.86 13.55 0.00	161.49 11.55 0.00	160.22 11.36 0.00	147.10 10.23 0.00	149.75 10.14 0.00
G.F.CEMENT___DRP 24184	161.62 13.73 0.00	151.14 12.03 0.00	135.95 10.78 0.00	145.17 11.78 0.00	142.67 11.65 0.00	157.37 13.16 0.00	181.86 15.86 0.00	218.81 18.63 0.00	177.82 14.39 0.00	131.68 11.11 0.00	151.29 12.65 0.00	146.83 11.81 0.00	135.69 10.77 0.00	123.53 9.64 0.00	73.57 5.17 0.00	85.54 5.98 0.00	117.13 9.00 0.00	171.46 12.75 0.00	361.62 26.58 0.00	182.20 12.89 0.00	161.06 11.13 0.00	160.16 11.30 0.00	147.15 10.29 0.00	152.15 12.54 0.00
GARDENVILLE___LBMP 24039	136.44 -11.45 0.00	128.19 -10.92 0.00	114.71 -10.46 0.00	123.63 -9.76 0.00	122.48 -8.54 0.00	138.63 -5.58 0.00	155.88 -10.11 0.00	185.57 -14.61 0.00	153.81 -9.62 0.00	113.66 -6.91 2.33	127.58 -8.72 0.00	127.23 -7.79 0.00	117.85 -7.06 0.00	107.24 -6.65 0.00	64.61 -3.80 0.00	75.39 -4.17 0.00	101.42 -6.71 0.00	148.12 -10.59 0.00	314.05 -20.99 0.00	160.63 -8.68 0.00	140.67 -9.26 0.00	139.29 -9.57 0.00	127.75 -9.11 0.00	131.21 -8.40 0.00
GARDNVLA_35_KV_LD 355827	137.24 -10.65 0.00	128.89 -10.21 0.00	115.35 -9.82 0.00	124.32 -9.07 0.00	123.18 -7.85 0.00	139.45 -4.76 0.00	156.88 -9.11 0.00	186.78 -13.39 0.00	154.79 -8.64 0.00	114.39 -6.19 0.00	128.36 -7.95 2.32	128.00 -7.01 0.00	118.51 -6.40 0.00	107.84 -6.05 0.00	65.01 -3.40 0.00	75.87 -3.69 0.00	102.07 -6.06 0.00	149.04 -9.68 0.00	316.06 -18.98 0.00	161.68 -7.63 0.00	141.57 -8.37 0.00	140.14 -8.71 0.00	128.51 -8.36 0.00	131.93 -7.67 0.00
GELCKHM___115KV_LOAD 80723	144.19 -3.70 0.00	135.47 -3.64 0.00	121.76 -3.42 0.00	130.08 -3.31 0.00	127.97 -3.05 0.00	141.68 -2.52 0.00	186.10 -3.31 -23.42	224.85 -4.52 -29.20	181.30 -3.09 -20.95	118.64 -1.94 0.00	136.33 -2.30 0.00	132.78 -2.24 0.00	122.86 -2.05 0.00	111.99 -1.90 0.00	67.26 -1.14 0.00	78.19 -1.37 0.00	106.35 -1.78 0.00	155.98 -2.73 0.00	329.86 -5.18 0.00	167.02 -2.29 0.00	147.19 -2.76 0.00	145.97 -2.89 0.00	133.97 -2.90 0.00	136.55 -3.06 0.00
GENERAL___MILLS 23808	137.02 -10.87 0.00	128.71 -10.40 0.00	115.20 -9.97 0.00	124.16 -9.23 0.00	123.00 -8.02 0.00	139.22 -4.99 0.00	156.59 -9.41 0.00	186.40 -13.78 0.00	154.48 -8.96 0.00	114.15 -6.42 0.00	128.14 -8.17 2.32	127.75 -7.26 0.00	118.32 -6.59 0.00	107.67 -6.23 0.00	64.88 -3.53 0.00	75.72 -3.84 0.00	101.86 -6.27 0.00	148.75 -9.97 0.00	315.39 -19.65 0.00	161.32 -7.98 0.00	141.27 -8.67 0.00	139.85 -9.01 0.00	128.28 -8.59 0.00	131.71 -7.90 0.00
GE_PLASTICS___DRP 24183	152.52 4.62 0.00	143.26 4.15 0.00	128.94 3.76 0.00	137.44 4.05 0.00	134.73 3.71 0.00	147.73 3.52 0.00	169.85 3.85 0.00	203.86 3.69 0.00	166.69 3.26 0.00	123.62 3.04 0.00	142.61 3.98 0.00	138.60 3.59 0.00	128.66 3.74 0.00	117.67 3.78 0.00	70.75 2.34 0.00	82.25 2.69 0.00	111.72 3.59 0.00	162.95 4.24 0.00	343.33 8.29 0.00	173.25 3.93 0.00	153.61 3.67 0.00	152.80 3.95 0.00	140.81 3.94 0.00	144.00 4.39 0.00
GILBOA___1 23756	152.61 4.71 0.00	143.82 4.71 0.00	129.44 4.26 0.00	138.00 4.60 0.00	135.39 4.37 0.00	148.32 4.11 0.00	170.51 4.51 0.00	204.55 4.37 0.00	167.60 4.17 0.00	124.51 3.94 0.00	143.77 5.13 0.00	139.84 4.82 0.00	130.08 5.16 0.00	118.79 4.90 0.00	71.32 2.91 0.00	82.68 3.12 0.00	112.37 4.24 0.00	163.58 4.87 0.00	344.00 8.96 0.00	173.81 4.50 0.00	154.12 4.18 0.00	153.54 4.68 0.00	141.38 4.52 0.00	144.32 4.71 0.00
GILBOA___2 23757	152.61 4.71 0.00	143.82 4.71 0.00	129.44 4.26 0.00	138.00 4.60 0.00	135.39 4.37 0.00	148.32 4.11 0.00	170.51 4.51 0.00	204.55 4.37 0.00	167.60 4.17 0.00	124.51 3.94 0.00	143.77 5.13 0.00	139.84 4.82 0.00	130.08 5.16 0.00	118.79 4.90 0.00	71.32 2.91 0.00	82.68 3.12 0.00	112.37 4.24 0.00	163.58 4.87 0.00	344.00 8.96 0.00	173.81 4.50 0.00	154.12 4.18 0.00	153.54 4.68 0.00	141.38 4.52 0.00	144.32 4.71 0.00

GILBOA___3 23758	152.61 4.71 0.00	143.82 4.71 0.00	129.44 4.26 0.00	138.00 4.60 0.00	135.39 4.37 0.00	148.32 4.11 0.00	170.51 4.51 0.00	204.55 4.37 0.00	167.60 4.17 0.00	124.51 3.94 0.00	143.77 5.13 0.00	139.84 4.82 0.00	130.08 5.16 0.00	118.79 4.90 0.00	71.32 2.91 0.00	82.68 3.12 0.00	112.37 4.24 0.00	163.58 4.87 0.00	344.00 8.96 0.00	173.81 4.50 0.00	154.12 4.18 0.00	153.54 4.68 0.00	141.38 4.52 0.00	144.32 4.71 0.00
GILBOA___4 23759	152.61 4.71 0.00	143.82 4.71 0.00	129.44 4.26 0.00	138.00 4.60 0.00	135.39 4.37 0.00	148.32 4.11 0.00	170.51 4.51 0.00	204.55 4.37 0.00	167.60 4.17 0.00	124.51 3.94 0.00	143.77 5.13 0.00	139.84 4.82 0.00	130.08 5.16 0.00	118.79 4.90 0.00	71.32 2.91 0.00	82.68 3.12 0.00	112.37 4.24 0.00	163.58 4.87 0.00	344.00 8.96 0.00	173.81 4.50 0.00	154.12 4.18 0.00	153.54 4.68 0.00	141.38 4.52 0.00	144.32 4.71 0.00
GILBOA___ 23599	152.61 4.71 0.00	143.82 4.72 0.00	129.45 4.28 0.00	138.00 4.61 0.00	135.39 4.37 0.00	148.32 4.11 0.00	170.50 4.50 0.00	204.55 4.37 0.00	167.58 4.15 0.00	124.51 3.94 0.00	143.77 5.13 0.00	139.84 4.82 0.00	130.08 5.16 0.00	118.79 4.90 0.00	71.32 2.91 0.00	82.68 3.12 0.00	112.37 4.24 0.00	163.58 4.87 0.00	344.00 8.96 0.00	173.81 4.50 0.00	154.13 4.19 0.00	153.53 4.68 0.00	141.39 4.53 0.00	144.32 4.71 0.00
GINNA___ 23603	134.25 -13.64 0.00	126.20 -12.91 0.00	113.21 -11.97 0.00	121.35 -12.04 0.00	119.85 -11.17 0.00	134.10 -10.11 0.00	152.93 -13.07 0.00	183.22 -16.96 0.00	144.36 -12.67 6.40	111.46 -9.12 0.00	126.50 -10.95 1.18	124.79 -10.23 0.00	115.47 -9.44 0.00	105.21 -8.68 0.00	63.34 -5.07 0.00	73.73 -5.83 0.00	99.69 -8.44 0.00	146.04 -12.67 0.00	309.14 -25.89 0.00	157.07 -12.24 0.00	138.05 -11.89 0.00	136.49 -12.36 0.00	124.99 -11.88 0.00	127.74 -11.87 0.00
GLEN PARK___ 23778	159.49 8.86 -2.73	152.70 7.29 -6.30	137.60 6.24 -6.18	141.97 7.08 -1.49	144.27 7.52 -5.73	153.35 8.76 -0.39	368.65 12.20 -190.45	453.63 15.95 -237.50	346.44 12.60 -170.41	127.50 6.93 0.00	144.16 5.52 0.00	139.81 4.79 0.00	128.87 3.95 0.00	117.25 3.36 0.00	69.17 0.76 0.00	79.85 0.29 0.00	110.54 2.41 0.00	167.70 8.98 0.00	361.83 26.79 0.00	183.73 14.42 0.00	161.30 11.36 0.00	159.75 10.89 0.00	146.94 10.07 0.00	149.83 10.22 0.00
GLENDALE_27_KV_LOAD 356172	159.12 11.22 0.00	149.52 10.41 0.00	134.63 9.46 0.00	143.32 9.93 0.00	140.45 9.43 0.00	153.79 9.59 0.00	177.01 11.01 0.00	213.06 12.88 0.00	183.81 12.41 -7.97	137.87 10.23 -7.06	160.28 13.73 -7.91	159.57 13.10 -11.46	144.05 12.36 -6.77	219.59 11.28 -94.42	166.38 6.80 -91.17	178.81 7.90 -91.35	347.85 10.47 -229.25	189.70 13.23 -17.76	361.14 26.10 0.00	182.12 12.80 0.00	160.98 11.04 0.00	159.99 11.14 0.00	282.27 11.05 -134.36	156.39 11.05 -5.74
GLENWOOD_IC_1_G5 23712	159.06 11.17 0.00	150.28 11.17 0.00	143.89 10.44 -8.28	144.20 10.81 0.00	141.26 10.24 0.00	154.77 10.56 0.00	177.47 11.48 0.00	212.44 12.27 0.00	175.01 11.57 0.00	130.68 10.10 0.00	151.53 12.90 0.00	147.41 12.40 0.00	137.38 12.46 0.00	142.26 11.71 -16.67	144.11 7.23 -68.47	136.35 8.40 -48.40	140.08 11.27 -20.68	172.84 14.13 0.00	361.36 26.32 0.00	182.50 13.19 0.00	161.77 11.83 0.00	161.24 12.38 0.00	149.06 12.19 0.00	151.74 12.13 0.00
GLENWOOD_IC_2_G1 23688	158.68 10.79 0.00	149.86 10.75 0.00	143.52 10.07 -8.28	143.81 10.41 0.00	140.87 9.85 0.00	154.35 10.14 0.00	177.00 11.00 0.00	212.44 12.27 0.00	174.55 11.11 0.00	130.28 9.70 0.00	151.12 12.49 0.00	147.01 11.99 0.00	136.95 12.04 0.00	141.86 11.30 -16.67	143.86 6.98 -68.47	136.05 8.09 -48.40	139.67 10.86 -20.68	172.35 13.63 0.00	361.19 26.15 0.00	182.43 13.12 0.00	161.65 11.70 0.00	160.76 11.90 0.00	148.59 11.72 0.00	151.30 11.70 0.00
GLENWOOD_IC_3_G1 23689	158.68 10.79 0.00	149.86 10.75 0.00	143.52 10.07 -8.28	143.81 10.41 0.00	140.87 9.85 0.00	154.35 10.14 0.00	177.00 11.00 0.00	212.44 12.27 0.00	174.55 11.11 0.00	130.28 9.70 0.00	151.12 12.49 0.00	147.01 11.99 0.00	136.95 12.04 0.00	141.86 11.30 -16.67	143.86 6.98 -68.47	136.05 8.09 -48.40	139.67 10.86 -20.68	172.35 13.63 0.00	361.19 26.15 0.00	182.43 13.12 0.00	161.65 11.70 0.00	160.76 11.90 0.00	148.59 11.72 0.00	151.30 11.70 0.00
GLENWOOD___4 23550	159.06 11.17 0.00	150.28 11.17 0.00	143.89 10.44 -8.28	144.20 10.81 0.00	141.26 10.24 0.00	154.77 10.56 0.00	177.49 11.49 0.00	212.66 12.49 0.00	175.03 11.60 0.00	130.68 10.10 0.00	151.53 12.90 0.00	147.41 12.40 0.00	137.38 12.46 0.00	142.26 11.71 -16.67	144.11 7.23 -68.47	136.35 8.40 -48.40	140.08 11.27 -20.68	172.87 14.16 0.00	361.73 26.68 0.00	182.75 13.44 0.00	161.92 11.98 0.00	161.24 12.38 0.00	149.06 12.19 0.00	151.74 12.13 0.00
GLENWOOD___5 23614	159.06 11.17 0.00	150.28 11.17 0.00	143.89 10.44 -8.28	144.20 10.81 0.00	141.26 10.24 0.00	154.77 10.56 0.00	177.49 11.49 0.00	212.66 12.49 0.00	175.03 11.60 0.00	130.68 10.10 0.00	151.53 12.90 0.00	147.41 12.40 0.00	137.38 12.46 0.00	142.26 11.71 -16.67	144.11 7.23 -68.47	136.35 8.40 -48.40	140.08 11.27 -20.68	172.87 14.16 0.00	361.73 26.68 0.00	182.75 13.44 0.00	161.92 11.98 0.00	161.24 12.38 0.00	149.06 12.19 0.00	151.74 12.13 0.00
GLOBAL GREEN_PORT_GT1 23814	159.59 11.70 0.00	156.80 17.69 0.00	150.10 16.65 -8.28	150.84 17.45 0.00	147.79 16.77 0.00	162.17 17.96 0.00	185.31 19.31 0.00	222.22 22.04 0.00	181.54 18.11 0.00	135.26 14.69 0.00	155.73 17.10 0.00	151.42 16.41 0.00	141.34 16.43 0.00	146.17 15.62 -16.67	146.98 10.10 -68.47	139.72 11.76 -48.40	145.09 16.28 -20.68	180.82 22.10 0.00	380.23 45.18 0.00	191.95 22.64 0.00	170.08 20.14 0.00	168.47 19.61 0.00	155.91 19.05 0.00	158.33 18.72 0.00
GLOBE___DSASP 323697	130.47 -17.42 0.00	122.44 -16.67 0.00	109.56 -15.61 0.00	118.08 -15.31 0.00	117.08 -13.94 0.00	132.75 -11.45 0.00	148.87 -17.13 0.00	176.87 -23.30 0.00	147.11 -16.33 0.00	108.11 -12.46 0.00	121.57 -15.07 1.99	121.08 -13.94 0.00	112.00 -12.91 0.00	101.82 -12.07 0.00	61.53 -6.88 0.00	71.78 -7.78 0.00	96.18 -11.95 0.00	140.46 -18.25 0.00	297.79 -37.25 0.00	152.56 -16.76 0.00	133.55 -16.39 0.00	132.04 -16.82 0.00	121.22 -15.64 0.00	124.82 -14.79 0.00
GOETHSLN___LBMP 323567	156.85 8.96 0.00	147.41 8.30 0.00	132.76 7.59 0.00	141.29 7.89 0.00	-27.75 7.41 166.18	50.49 7.67 101.39	59.91 8.69 114.78	102.28 9.85 107.75	173.02 9.59 0.00	128.77 8.19 0.00	149.05 11.35 0.94	145.19 10.78 0.60	134.71 10.28 0.49	123.30 9.41 0.00	74.10 5.69 0.00	83.80 6.61 2.37	116.82 8.69 0.00	169.58 10.86 0.00	356.28 21.24 0.00	179.63 10.32 0.00	158.81 8.87 0.00	157.78 8.93 0.00	145.67 8.81 0.00	148.55 8.94 0.00
GOLAH___69_KV_TB 1_2 80279	140.03 -7.86 0.00	131.43 -7.68 0.00	117.81 -7.36 0.00	126.50 -6.90 0.00	125.03 -5.99 0.00	140.48 -3.72 0.00	159.37 -6.63 0.00	190.61 -9.57 0.00	157.22 -6.22 0.00	116.18 -4.40 0.00	131.63 -5.69 1.32	130.01 -5.01 0.00	120.24 -4.68 0.00	109.39 -4.51 0.00	65.87 -2.54 0.00	76.73 -2.83 0.00	103.59 -4.54 0.00	151.92 -6.79 0.00	322.07 -12.97 0.00	163.99 -5.32 0.00	143.93 -6.01 0.00	142.24 -6.61 0.00	130.25 -6.61 0.00	133.28 -6.33 0.00

GOODYEAR_LAKE_HYD 323669	153.77 5.87 0.00	144.86 5.75 0.00	130.33 5.16 0.00	139.21 5.82 0.00	136.82 5.80 0.00	151.21 7.01 0.00	174.14 8.15 0.00	209.57 9.39 0.00	171.78 8.34 0.00	127.11 6.53 0.00	146.18 7.54 0.00	142.31 7.30 0.00	131.97 7.06 0.00	120.11 6.22 0.00	71.98 3.57 0.00	83.66 4.10 0.00	113.96 5.83 0.00	167.18 8.47 0.00	352.52 17.48 0.00	178.51 9.20 0.00	157.64 7.70 0.00	156.45 7.59 0.00	143.75 6.89 0.00	146.26 6.66 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	146.30 -1.60 0.00	137.59 -1.52 0.00	123.56 -1.62 0.00	132.25 -1.14 0.00	129.97 -1.06 0.00	144.14 -0.06 0.00	165.05 -0.94 0.00	198.42 -1.75 0.00	162.91 -0.53 0.00	120.75 0.18 0.00	137.75 0.31 1.19	135.45 0.43 0.00	125.60 0.68 0.00	114.38 0.48 0.00	68.52 0.11 0.00	79.73 0.17 0.00	108.55 0.42 0.00	158.66 -0.05 0.00	334.75 -0.29 0.00	169.83 0.52 0.00	149.58 -0.36 0.00	148.62 -0.24 0.00	136.37 -0.49 0.00	139.12 -0.49 0.00
GOUDEY___7 23579	146.30 -1.60 0.00	137.59 -1.52 0.00	123.56 -1.62 0.00	132.25 -1.14 0.00	129.97 -1.06 0.00	144.14 -0.06 0.00	165.05 -0.94 0.00	198.42 -1.75 0.00	162.91 -0.53 0.00	120.75 0.18 0.00	137.75 0.31 1.19	135.45 0.43 0.00	125.60 0.68 0.00	114.38 0.48 0.00	68.52 0.11 0.00	79.73 0.17 0.00	108.55 0.42 0.00	158.66 -0.05 0.00	334.75 -0.29 0.00	169.83 0.52 0.00	149.58 -0.36 0.00	148.62 -0.24 0.00	136.37 -0.49 0.00	139.12 -0.49 0.00
GOUDEY___8 23580	146.30 -1.60 0.00	137.59 -1.52 0.00	123.56 -1.62 0.00	132.25 -1.14 0.00	129.97 -1.06 0.00	144.14 -0.06 0.00	165.05 -0.94 0.00	198.42 -1.75 0.00	162.91 -0.53 0.00	120.75 0.18 0.00	137.75 0.31 1.19	135.45 0.43 0.00	125.60 0.68 0.00	114.38 0.48 0.00	68.52 0.11 0.00	79.73 0.17 0.00	108.55 0.42 0.00	158.66 -0.05 0.00	334.75 -0.29 0.00	169.83 0.52 0.00	149.58 -0.36 0.00	148.62 -0.24 0.00	136.37 -0.49 0.00	139.12 -0.49 0.00
GOWANUS_GT1_1 24077	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT1_2 24078	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT1_3 24079	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT1_4 24080	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT1_5 24084	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT1_6 24111	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT1_7 24112	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT1_8 24113	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.20 12.74 -17.74	360.25 25.21 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT2_1 24114	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
GOWANUS_GT2_2 24115	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
GOWANUS_GT2_3 24116	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24

GOWANUS_GT2_4 24117	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
GOWANUS_GT2_5 24118	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
GOWANUS_GT2_6 24119	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
GOWANUS_GT2_7 24120	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
GOWANUS_GT2_8 24121	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
GOWANUS_GT3_1 24122	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT3_2 24123	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT3_3 24124	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT3_4 24125	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT3_5 24126	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT3_6 24127	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT3_7 24128	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT3_8 24129	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.72 7.62 -481.54	384.59 9.92 -266.54	189.22 12.76 -17.74	360.26 25.22 0.00	181.72 12.41 0.00	160.66 10.72 0.00	178.25 10.74 -18.66	300.50 10.73 -152.91	195.65 10.80 -45.24
GOWANUS_GT4_1 24130	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GOWANUS_GT4_2 24131	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24

GOWANUS_GT4_3 24132	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GOWANUS_GT4_4 24133	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GOWANUS_GT4_5 24134	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GOWANUS_GT4_6 24135	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GOWANUS_GT4_7 24136	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GOWANUS_GT4_8 24137	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	446.76 12.16 -271.17	527.17 10.03 -396.57	509.05 13.50 -356.91	397.09 12.76 -249.32	368.53 12.10 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.95 -455.23	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GREENBSH_115KV_TB3 55895	152.26 4.37 0.00	142.88 3.77 0.00	128.63 3.46 0.00	137.05 3.66 0.00	134.36 3.34 0.00	147.09 2.89 0.00	169.15 3.15 0.00	202.90 2.72 0.00	165.97 2.53 0.00	123.15 2.58 0.00	142.09 3.45 0.00	138.06 3.05 0.00	128.24 3.33 0.00	117.38 3.49 0.00	70.61 2.20 0.00	82.07 2.51 0.00	111.32 3.19 0.00	162.29 3.58 0.00	341.88 6.84 0.00	172.44 3.13 0.00	152.96 3.02 0.00	152.15 3.29 0.00	140.27 3.41 0.00	143.67 4.06 0.00
GREENIDGE_115KV_TB5 80291	141.83 -6.06 0.00	133.89 -5.22 0.00	119.88 -5.29 0.00	128.66 -4.73 0.00	126.86 -4.16 0.00	141.64 -2.56 0.00	162.13 -3.87 0.00	194.62 -5.56 0.00	160.15 -3.28 0.00	118.42 -2.15 0.00	129.11 -3.00 6.53	131.89 -3.13 0.00	122.20 -2.71 0.00	111.49 -2.40 0.00	67.36 -1.05 0.00	78.66 -0.90 0.00	106.62 -1.51 0.00	155.77 -2.94 0.00	330.11 -4.93 0.00	167.79 -1.52 0.00	147.31 -2.63 0.00	146.02 -2.84 0.00	132.75 -4.11 0.00	135.09 -4.52 0.00
GREENIDGE___3 23582	141.83 -6.06 0.00	133.89 -5.22 0.00	119.88 -5.29 0.00	128.66 -4.73 0.00	126.86 -4.16 0.00	141.64 -2.56 0.00	162.13 -3.87 0.00	194.62 -5.56 0.00	160.15 -3.28 0.00	118.42 -2.15 0.00	129.11 -3.00 6.53	131.89 -3.13 0.00	122.20 -2.71 0.00	111.49 -2.40 0.00	67.36 -1.05 0.00	78.66 -0.90 0.00	106.62 -1.51 0.00	155.77 -2.94 0.00	330.11 -4.93 0.00	167.79 -1.52 0.00	147.31 -2.63 0.00	146.02 -2.84 0.00	132.75 -4.11 0.00	135.09 -4.52 0.00
GREENIDGE___4 23583	141.83 -6.06 0.00	133.89 -5.22 0.00	119.88 -5.29 0.00	128.65 -4.74 0.00	126.86 -4.16 0.00	141.64 -2.56 0.00	162.11 -3.89 0.00	194.56 -5.62 0.00	167.29 -3.30 -7.15	118.42 -2.16 0.00	129.06 -3.05 6.53	131.90 -3.12 0.00	122.20 -2.71 0.00	111.49 -2.41 0.00	67.36 -1.05 0.00	78.65 -0.91 0.00	106.62 -1.51 0.00	155.77 -2.94 0.00	330.11 -4.93 0.00	167.78 -1.53 0.00	147.31 -2.63 0.00	146.01 -2.84 0.00	132.74 -4.13 0.00	135.10 -4.51 0.00
GREENLWN_69_KV_BK 3 55738	156.64 8.74 0.00	148.49 9.38 0.00	142.59 9.14 -8.28	142.74 9.35 0.00	139.78 8.76 0.00	152.71 8.50 0.00	174.46 8.46 0.00	209.67 9.50 0.00	171.80 8.37 0.00	128.76 8.18 0.00	149.05 10.42 0.00	144.97 9.95 0.00	135.65 10.73 0.00	140.79 10.24 -16.67	143.33 6.45 -68.47	135.40 7.44 -48.40	138.72 9.91 -20.68	170.23 11.51 0.00	355.77 20.73 0.00	179.74 10.43 0.00	159.62 9.68 0.00	158.63 9.77 0.00	147.04 10.17 0.00	149.91 10.30 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	416.76 12.16 -241.16	338.30 10.03 -207.70	266.67 13.50 -114.53	306.90 12.76 -159.12	170.28 12.10 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	571.75 7.63 -484.56	387.65 9.95 -269.57	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24
GRISSOM___SOLAR 323813	158.04 10.15 0.00	148.60 9.49 0.00	133.59 8.42 0.00	142.48 9.08 0.00	140.08 9.06 0.00	154.59 10.39 0.00	178.41 12.42 0.00	214.47 14.29 0.00	172.73 9.29 0.00	125.86 5.28 0.00	144.25 5.61 0.00	140.24 5.22 0.00	130.03 5.11 0.00	118.35 4.46 0.00	71.52 3.12 0.00	84.06 4.50 0.00	115.64 7.51 0.00	170.72 12.00 0.00	360.83 25.79 0.00	182.45 13.14 0.00	161.13 11.19 0.00	159.89 11.03 0.00	146.84 9.98 0.00	149.61 10.00 0.00
GROVEVILLE___HYD 323602	158.47 10.58 0.00	148.96 9.85 0.00	134.10 8.93 0.00	143.00 9.61 0.00	140.19 9.17 0.00	153.95 9.74 0.00	177.23 11.23 0.00	213.06 12.88 0.00	174.77 11.34 0.00	129.74 9.16 0.00	150.29 11.66 0.00	146.04 11.02 0.00	135.39 10.47 0.00	123.67 9.77 0.00	74.33 5.92 0.00	86.50 6.94 0.00	117.63 9.50 0.00	171.23 12.52 0.00	360.42 25.37 0.00	181.95 12.64 0.00	160.97 11.02 0.00	159.92 11.06 0.00	147.35 10.49 0.00	150.11 10.50 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	145.81 -2.09 0.00	136.94 -2.17 0.00	123.05 -2.13 0.00	131.48 -1.91 0.00	129.39 -1.64 0.00	143.27 -0.94 0.00	186.78 -1.43 -22.21	225.64 -2.24 -27.70	182.10 -1.21 -19.87	120.03 -0.55 0.00	137.87 -0.77 0.00	134.29 -0.72 0.00	124.23 -0.68 0.00	113.24 -0.65 0.00	67.98 -0.43 0.00	79.05 -0.51 0.00	107.52 -0.61 0.00	157.86 -0.85 0.00	333.85 -1.19 0.00	169.04 -0.27 0.00	148.84 -1.11 0.00	147.62 -1.24 0.00	135.48 -1.39 0.00	137.94 -1.67 0.00

HAMLTNNY_34_KV_TB 80303	145.24 -2.65 0.00	136.44 -2.67 0.00	122.59 -2.59 0.00	131.08 -2.31 0.00	128.96 -2.06 0.00	142.91 -1.30 0.00	183.09 -1.97 -19.07	221.03 -2.92 -23.78	178.77 -1.73 -17.06	119.66 -0.92 0.00	137.45 -1.18 0.00	133.94 -1.07 0.00	123.97 -0.95 0.00	112.95 -0.94 0.00	67.79 -0.62 0.00	78.90 -0.66 0.00	107.17 -0.96 0.00	157.35 -1.36 0.00	332.71 -2.33 0.00	168.44 -0.86 0.00	148.24 -1.70 0.00	147.02 -1.84 0.00	134.94 -1.93 0.00	137.38 -2.23 0.00
HAMPSHIRE___PAPER_HYD 323593	157.12 2.34 -6.88	156.69 1.72 -15.87	142.11 1.35 -15.58	138.62 1.47 -3.76	147.14 1.69 -14.43	146.87 1.69 -0.98	649.94 5.25 -478.70	805.29 8.16 -596.95	597.52 5.76 -428.33	121.91 1.33 0.00	138.35 -0.29 0.00	135.05 0.04 0.00	124.51 -0.40 0.00	113.09 -0.80 0.00	66.94 -1.47 0.00	77.28 -2.28 0.00	105.79 -2.34 0.00	158.74 0.02 0.00	339.11 4.07 0.00	172.06 2.75 0.00	152.05 2.11 0.00	151.02 2.17 0.00	139.07 2.21 0.00	142.22 2.61 0.00
HARDSCRABBLE_WT_PWR 323673	153.65 5.76 0.00	144.06 4.95 0.00	129.61 4.44 0.00	138.30 4.90 0.00	135.76 4.74 0.00	149.25 5.04 0.00	172.15 6.15 0.00	206.42 6.24 0.00	167.93 4.50 0.00	124.15 3.57 0.00	143.02 4.39 0.00	139.00 3.98 0.00	128.82 3.90 0.00	117.70 3.81 0.00	70.66 2.25 0.00	82.54 2.97 0.00	112.66 4.53 0.00	164.57 5.86 0.00	346.81 11.77 0.00	174.78 5.47 0.00	154.72 4.78 0.00	154.20 5.34 0.00	141.97 5.11 0.00	145.09 5.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	156.77 8.88 0.00	147.39 8.28 0.00	132.74 7.57 0.00	141.39 7.99 0.00	138.63 7.61 0.00	152.28 8.08 0.00	175.29 9.29 0.00	210.62 10.45 0.00	172.81 9.37 0.00	128.44 7.87 0.00	148.86 10.22 0.00	144.64 9.62 0.00	134.17 9.25 0.00	122.61 8.72 0.00	73.65 5.24 0.00	85.69 6.13 0.00	116.46 8.33 0.00	169.63 10.92 0.00	357.18 22.14 0.00	180.20 10.89 0.00	159.38 9.44 0.00	158.35 9.49 0.00	145.93 9.06 0.00	148.62 9.01 0.00
HARSNRAD_115KV_TB1 81005	132.75 -15.14 0.00	124.57 -14.53 0.00	111.45 -13.73 0.00	120.08 -13.31 0.00	118.97 -12.05 0.00	134.61 -9.60 0.00	150.35 -15.65 0.00	178.79 -21.38 0.00	148.19 -15.24 0.00	109.46 -11.12 0.00	122.74 -13.47 2.43	122.74 -12.27 0.00	113.53 -11.38 0.00	103.29 -10.60 0.00	62.33 -6.08 0.00	72.70 -6.86 0.00	97.48 -10.65 0.00	142.27 -16.44 0.00	301.76 -33.28 0.00	154.50 -14.81 0.00	135.32 -14.62 0.00	133.88 -14.98 0.00	122.85 -14.02 0.00	126.43 -13.17 0.00
HARZA MOOSE___RIVER 24016	155.23 5.31 -2.02	147.97 4.20 -4.66	133.62 3.87 -4.57	138.79 4.30 -1.11	139.83 4.57 -4.24	149.82 5.32 -0.29	315.04 7.42 -141.63	386.34 9.54 -176.62	297.99 7.84 -126.72	125.54 4.97 0.00	143.23 4.59 0.00	139.37 4.36 0.00	128.72 3.81 0.00	117.35 3.46 0.00	69.38 0.97 0.00	80.29 0.73 0.00	110.21 2.08 0.00	164.09 5.37 0.00	349.57 14.53 0.00	177.33 8.02 0.00	156.45 6.51 0.00	155.05 6.19 0.00	142.68 5.82 0.00	145.62 6.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	143.87 -4.02 0.00	135.12 -3.98 0.00	121.43 -3.74 0.00	129.76 -3.63 0.00	127.68 -3.34 0.00	141.36 -2.85 0.00	184.76 -3.74 -22.51	223.20 -5.04 -28.06	180.12 -3.46 -20.14	118.42 -2.16 0.00	136.07 -2.57 0.00	132.58 -2.43 0.00	122.66 -2.26 0.00	111.80 -2.09 0.00	67.15 -1.26 0.00	78.08 -1.48 0.00	106.19 -1.94 0.00	155.66 -3.05 0.00	329.05 -5.98 0.00	166.55 -2.76 0.00	146.87 -3.07 0.00	145.63 -3.23 0.00	133.67 -3.19 0.00	136.27 -3.33 0.00
HELLGATE_13_KV_LD 55870	158.43 10.54 0.00	148.92 9.81 0.00	134.11 8.93 0.00	142.72 9.33 0.00	139.88 8.86 0.00	153.17 8.96 0.00	176.17 10.17 0.00	212.01 11.83 0.00	182.41 11.43 -7.55	134.55 9.52 -4.46	156.12 12.92 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.74 6.44 -85.88	177.00 7.48 -89.96	346.05 9.86 -228.06	188.77 12.32 -17.74	359.05 24.00 0.00	181.13 11.82 0.00	160.09 10.16 0.00	159.11 10.25 0.00	281.39 10.32 -134.21	155.70 10.36 -5.73
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	158.43 10.54 0.00	148.92 9.81 0.00	134.11 8.93 0.00	142.72 9.33 0.00	139.88 8.86 0.00	153.17 8.96 0.00	176.17 10.17 0.00	212.01 11.83 0.00	182.41 11.43 -7.55	134.55 9.52 -4.46	156.12 12.92 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.74 6.44 -85.88	177.00 7.48 -89.96	346.05 9.86 -228.06	188.77 12.32 -17.74	359.05 24.00 0.00	181.13 11.82 0.00	160.09 10.16 0.00	159.11 10.25 0.00	281.39 10.32 -134.21	155.70 10.36 -5.73
HEMPSTEAD___ 23647	158.41 10.51 0.00	149.70 10.59 0.00	143.41 9.96 -8.28	143.67 10.28 0.00	140.73 9.71 0.00	154.14 9.93 0.00	176.70 10.71 0.00	212.06 11.88 0.00	174.21 10.77 0.00	130.08 9.50 0.00	150.77 12.14 0.00	146.63 11.62 0.00	136.70 11.78 0.00	141.67 11.11 -16.67	143.77 6.89 -68.47	135.96 8.00 -48.40	139.58 10.77 -20.68	172.06 13.34 0.00	360.52 25.48 0.00	182.10 12.79 0.00	161.49 11.55 0.00	160.59 11.74 0.00	148.49 11.62 0.00	151.15 11.55 0.00
HEWLETT_69_KV_BK3 55828	159.60 11.71 0.00	150.72 11.61 0.00	144.20 10.75 -8.28	144.56 11.17 0.00	141.57 10.55 0.00	155.13 10.92 0.00	177.95 11.96 0.00	213.66 13.49 0.00	175.38 11.94 0.00	130.84 10.26 0.00	151.88 13.25 0.00	147.82 12.80 0.00	137.63 12.71 0.00	142.49 11.93 -16.67	144.22 7.34 -68.47	136.51 8.55 -48.40	140.28 11.48 -20.68	173.31 14.60 0.00	363.68 28.64 0.00	183.70 14.39 0.00	162.71 12.77 0.00	161.71 12.86 0.00	149.48 12.62 0.00	152.44 12.84 0.00
HICKLING___1 23621	142.84 -5.06 0.00	134.39 -4.72 0.00	120.20 -4.97 0.00	129.14 -4.26 0.00	127.11 -3.91 0.00	141.97 -2.24 0.00	161.97 -4.03 0.00	194.37 -5.81 0.00	160.15 -3.28 0.00	118.69 -1.89 0.00	130.10 -2.50 6.04	132.73 -2.28 0.00	123.31 -1.60 0.00	112.26 -1.63 0.00	67.29 -1.12 0.00	78.56 -1.00 0.00	107.00 -1.13 0.00	155.93 -2.78 0.00	329.82 -5.22 0.00	167.97 -1.34 0.00	147.51 -2.43 0.00	146.61 -2.25 0.00	134.20 -2.66 0.00	137.06 -2.55 0.00
HICKLING___2 23622	142.84 -5.06 0.00	134.39 -4.72 0.00	120.20 -4.97 0.00	129.14 -4.26 0.00	127.11 -3.91 0.00	141.97 -2.24 0.00	161.97 -4.03 0.00	194.37 -5.81 0.00	160.15 -3.28 0.00	118.69 -1.89 0.00	130.10 -2.50 6.04	132.73 -2.28 0.00	123.31 -1.60 0.00	112.26 -1.63 0.00	67.29 -1.12 0.00	78.56 -1.00 0.00	107.00 -1.13 0.00	155.93 -2.78 0.00	329.82 -5.22 0.00	167.97 -1.34 0.00	147.51 -2.43 0.00	146.61 -2.25 0.00	134.20 -2.66 0.00	137.06 -2.55 0.00
HIGH FALLS___HY 23754	158.84 10.94 0.00	149.39 10.29 0.00	134.51 9.34 0.00	143.39 9.99 0.00	140.70 9.67 0.00	154.76 10.55 0.00	178.26 12.26 0.00	214.46 14.28 0.00	175.85 12.41 0.00	130.26 9.69 0.00	150.79 12.16 0.00	146.41 11.39 0.00	135.63 10.71 0.00	123.66 9.76 0.00	74.30 5.89 0.00	86.55 6.99 0.00	117.90 9.77 0.00	172.00 13.29 0.00	362.41 27.37 0.00	183.12 13.81 0.00	161.96 12.02 0.00	160.85 11.99 0.00	148.06 11.20 0.00	150.60 10.99 0.00
HIGH_RIVER___SOLAR 323847	155.30 7.40 0.00	145.92 6.81 0.00	131.30 6.13 0.00	140.01 6.61 0.00	137.55 6.53 0.00	151.45 7.25 0.00	174.58 8.58 0.00	210.05 9.87 0.00	170.84 7.41 0.00	125.78 5.20 0.00	144.50 5.87 0.00	140.40 5.38 0.00	130.08 5.16 0.00	118.63 4.74 0.00	71.32 2.90 0.00	83.29 3.73 0.00	113.85 5.72 0.00	167.08 8.37 0.00	352.55 17.51 0.00	178.14 8.83 0.00	157.56 7.62 0.00	156.51 7.65 0.00	143.87 7.01 0.00	146.87 7.27 0.00

HILLBURN___GT 23639	156.29 8.40 0.00	146.97 7.86 0.00	132.39 7.22 0.00	140.92 7.52 0.00	138.17 7.14 0.00	151.68 7.47 0.00	174.54 8.55 0.00	209.71 9.53 0.00	172.20 8.77 0.00	128.16 7.58 0.00	148.73 10.09 0.00	144.48 9.46 0.00	134.07 9.16 0.00	122.58 8.69 0.00	73.62 5.21 0.00	85.54 5.98 0.00	116.13 8.00 0.00	169.06 10.35 0.00	355.88 20.84 0.00	179.48 10.17 0.00	158.74 8.80 0.00	157.78 8.93 0.00	145.51 8.64 0.00	148.20 8.59 0.00
HILLSIDE_115KV_TB1 80332	141.48 -6.41 0.00	133.14 -5.97 0.00	119.26 -5.91 0.00	128.08 -5.31 0.00	125.84 -5.18 0.00	140.20 -4.01 0.00	160.09 -5.90 0.00	192.22 -7.96 0.00	158.13 -5.30 0.00	117.37 -3.20 0.00	129.19 -3.78 5.67	131.60 -3.41 0.00	122.19 -2.73 0.00	111.17 -2.72 0.00	66.53 -1.88 0.00	77.60 -1.96 0.00	105.75 -2.38 0.00	154.01 -4.70 0.00	325.33 -9.71 0.00	165.58 -3.73 0.00	145.41 -4.53 0.00	144.60 -4.26 0.00	132.50 -4.36 0.00	135.22 -4.38 0.00
HISHELDN_WT_PWR 323625	136.37 -11.52 0.00	128.20 -10.91 0.00	114.32 -10.86 0.00	123.29 -10.11 0.00	122.20 -8.82 0.00	138.01 -6.20 0.00	155.57 -10.43 0.00	185.25 -14.92 0.00	144.42 -9.87 9.14	113.48 -7.09 0.00	126.67 -9.14 2.83	126.56 -8.46 0.00	117.23 -7.68 0.00	106.74 -7.15 0.00	64.37 -4.04 0.00	75.22 -4.34 0.00	101.55 -6.58 0.00	148.34 -10.37 0.00	314.69 -20.35 0.00	160.86 -8.45 0.00	141.17 -8.77 0.00	139.97 -8.89 0.00	128.30 -8.56 0.00	131.69 -7.92 0.00
HOLTSVILLE_IC_1 23690	158.67 10.77 0.00	150.82 11.71 0.00	144.70 11.25 -8.28	144.95 11.56 0.00	141.97 10.94 0.00	155.30 11.09 0.00	177.39 11.39 0.00	213.16 12.99 0.00	174.26 10.82 0.00	130.29 9.71 0.00	150.66 12.03 0.00	146.67 11.65 0.00	137.26 12.35 0.00	142.30 11.74 -16.67	144.38 7.50 -68.47	136.59 8.64 -48.40	140.36 11.56 -20.68	173.24 14.53 0.00	363.47 28.44 0.00	183.66 14.35 0.00	162.99 13.04 0.00	161.76 12.90 0.00	149.90 13.04 0.00	152.47 12.87 0.00
HOLTSVILLE_IC_10 23699	159.52 11.62 0.00	151.63 12.52 0.00	145.42 11.97 -8.28	145.72 12.33 0.00	142.74 11.72 0.00	156.15 11.94 0.00	178.39 12.40 0.00	214.33 14.15 0.00	175.12 11.68 0.00	130.88 10.30 0.00	151.33 12.69 0.00	147.31 12.29 0.00	137.91 13.00 0.00	142.89 12.33 -16.67	144.79 7.91 -68.47	137.05 9.09 -48.40	141.05 12.25 -20.68	174.36 15.64 0.00	365.92 30.88 0.00	184.88 15.57 0.00	164.04 14.10 0.00	162.70 13.84 0.00	150.70 13.84 0.00	153.20 13.59 0.00
HOLTSVILLE_IC_2 23691	158.67 10.77 0.00	150.82 11.71 0.00	144.70 11.25 -8.28	144.95 11.56 0.00	141.97 10.94 0.00	155.30 11.09 0.00	177.39 11.39 0.00	213.16 12.99 0.00	174.26 10.82 0.00	130.29 9.71 0.00	150.66 12.03 0.00	146.67 11.65 0.00	137.26 12.35 0.00	142.30 11.74 -16.67	144.38 7.50 -68.47	136.59 8.64 -48.40	140.36 11.56 -20.68	173.24 14.53 0.00	363.47 28.44 0.00	183.66 14.35 0.00	162.99 13.04 0.00	161.76 12.90 0.00	149.90 13.04 0.00	152.47 12.87 0.00
HOLTSVILLE_IC_3 23692	158.67 10.77 0.00	150.82 11.71 0.00	144.70 11.25 -8.28	144.95 11.56 0.00	141.97 10.94 0.00	155.30 11.09 0.00	177.39 11.39 0.00	213.16 12.99 0.00	174.26 10.82 0.00	130.29 9.71 0.00	150.66 12.03 0.00	146.67 11.65 0.00	137.26 12.35 0.00	142.30 11.74 -16.67	144.38 7.50 -68.47	136.59 8.64 -48.40	140.36 11.56 -20.68	173.24 14.53 0.00	363.47 28.44 0.00	183.66 14.35 0.00	162.99 13.04 0.00	161.76 12.90 0.00	149.90 13.04 0.00	152.47 12.87 0.00
HOLTSVILLE_IC_4 23693	158.67 10.77 0.00	150.82 11.71 0.00	144.70 11.25 -8.28	144.95 11.56 0.00	141.97 10.94 0.00	155.30 11.09 0.00	177.39 11.39 0.00	213.16 12.99 0.00	174.26 10.82 0.00	130.29 9.71 0.00	150.66 12.03 0.00	146.67 11.65 0.00	137.26 12.35 0.00	142.30 11.74 -16.67	144.38 7.50 -68.47	136.59 8.64 -48.40	140.36 11.56 -20.68	173.24 14.53 0.00	363.47 28.44 0.00	183.66 14.35 0.00	162.99 13.04 0.00	161.76 12.90 0.00	149.90 13.04 0.00	152.47 12.87 0.00
HOLTSVILLE_IC_5 23694	158.67 10.77 0.00	150.82 11.71 0.00	144.70 11.25 -8.28	144.95 11.56 0.00	141.97 10.94 0.00	155.30 11.09 0.00	177.39 11.39 0.00	213.16 12.99 0.00	174.26 10.82 0.00	130.29 9.71 0.00	150.66 12.03 0.00	146.67 11.65 0.00	137.26 12.35 0.00	142.30 11.74 -16.67	144.38 7.50 -68.47	136.59 8.64 -48.40	140.36 11.56 -20.68	173.24 14.53 0.00	363.47 28.44 0.00	183.66 14.35 0.00	162.99 13.04 0.00	161.76 12.90 0.00	149.90 13.04 0.00	152.47 12.87 0.00
HOLTSVILLE_IC_6 23695	159.52 11.62 0.00	151.63 12.52 0.00	145.42 11.97 -8.28	145.72 12.33 0.00	142.74 11.72 0.00	156.15 11.94 0.00	178.39 12.40 0.00	214.33 14.15 0.00	175.12 11.68 0.00	130.88 10.30 0.00	151.33 12.69 0.00	147.31 12.29 0.00	137.91 13.00 0.00	142.89 12.33 -16.67	144.79 7.91 -68.47	137.05 9.09 -48.40	141.05 12.25 -20.68	174.36 15.64 0.00	365.92 30.88 0.00	184.88 15.57 0.00	164.04 14.10 0.00	162.70 13.84 0.00	150.70 13.84 0.00	153.20 13.59 0.00
HOLTSVILLE_IC_7 23696	159.52 11.62 0.00	151.63 12.52 0.00	145.42 11.97 -8.28	145.72 12.33 0.00	142.74 11.72 0.00	156.15 11.94 0.00	178.39 12.40 0.00	214.33 14.15 0.00	175.12 11.68 0.00	130.88 10.30 0.00	151.33 12.69 0.00	147.31 12.29 0.00	137.91 13.00 0.00	142.89 12.33 -16.67	144.79 7.91 -68.47	137.05 9.09 -48.40	141.05 12.25 -20.68	174.36 15.64 0.00	365.92 30.88 0.00	184.88 15.57 0.00	164.04 14.10 0.00	162.70 13.84 0.00	150.70 13.84 0.00	153.20 13.59 0.00
HOLTSVILLE_IC_8 23697	159.52 11.62 0.00	151.63 12.52 0.00	145.42 11.97 -8.28	145.72 12.33 0.00	142.74 11.72 0.00	156.15 11.94 0.00	178.39 12.40 0.00	214.33 14.15 0.00	175.12 11.68 0.00	130.88 10.30 0.00	151.33 12.69 0.00	147.31 12.29 0.00	137.91 13.00 0.00	142.89 12.33 -16.67	144.79 7.91 -68.47	137.05 9.09 -48.40	141.05 12.25 -20.68	174.36 15.64 0.00	365.92 30.88 0.00	184.88 15.57 0.00	164.04 14.10 0.00	162.70 13.84 0.00	150.70 13.84 0.00	153.20 13.59 0.00
HOLTSVILLE_IC_9 23698	159.52 11.62 0.00	151.63 12.52 0.00	145.42 11.97 -8.28	145.72 12.33 0.00	142.74 11.72 0.00	156.15 11.94 0.00	178.39 12.40 0.00	214.33 14.15 0.00	175.12 11.68 0.00	130.88 10.30 0.00	151.33 12.69 0.00	147.31 12.29 0.00	137.91 13.00 0.00	142.89 12.33 -16.67	144.79 7.91 -68.47	137.05 9.09 -48.40	141.05 12.25 -20.68	174.36 15.64 0.00	365.92 30.88 0.00	184.88 15.57 0.00	164.04 14.10 0.00	162.70 13.84 0.00	150.70 13.84 0.00	153.20 13.59 0.00
HOMER_HL_115KV_TB2 355744	142.20 -5.70 0.00	133.65 -5.46 0.00	119.82 -5.36 0.00	129.00 -4.39 0.00	126.84 -4.18 0.00	142.86 -1.35 0.00	160.67 -5.33 0.00	191.97 -8.21 0.00	159.15 -4.29 0.00	117.71 -2.86 0.00	132.41 -3.29 2.93	132.90 -2.12 0.00	123.76 -1.16 0.00	112.71 -1.19 0.00	67.35 -1.06 0.00	78.23 -1.33 0.00	105.58 -2.55 0.00	153.87 -4.84 0.00	325.72 -9.32 0.00	166.54 -2.77 0.00	145.60 -4.35 0.00	144.89 -3.97 0.00	133.02 -3.85 0.00	136.59 -3.01 0.00
HOWARD_WT_PWR 323690	139.09 -8.80 0.00	131.14 -7.97 0.00	115.73 -9.44 0.00	124.85 -8.54 0.00	124.13 -6.89 0.00	139.46 -4.75 0.00	158.73 -7.26 0.00	190.15 -10.03 0.00	160.80 -5.27 -2.64	116.48 -4.10 0.00	126.57 -6.12 5.95	128.30 -6.72 0.00	120.22 -4.69 0.00	109.97 -3.92 0.00	66.36 -2.05 0.00	77.64 -1.93 0.00	105.65 -2.49 0.00	154.60 -4.12 0.00	327.98 -7.06 0.00	167.25 -2.06 0.00	147.52 -2.42 0.00	147.05 -1.81 0.00	134.34 -2.52 0.00	137.34 -2.27 0.00

HQ_GEN_CEDARS 23644	149.50 -1.81 -3.41	145.44 -1.54 -7.87	131.44 -1.45 -7.72	133.42 -1.84 -1.86	136.44 -1.74 -7.15	142.51 -2.18 -0.48	866.07 1.91 -698.17	1075.16 4.34 -870.64	790.34 2.21 -624.70	118.07 -2.51 0.00	133.80 -4.83 0.00	131.51 -3.51 0.00	121.23 -3.69 0.00	110.03 -3.86 0.00	66.04 -2.37 0.00	76.81 -2.75 0.00	104.16 -3.97 0.00	155.02 -3.70 0.00	328.54 -6.50 0.00	166.41 -2.90 0.00	147.75 -2.19 0.00	146.40 -2.46 0.00	134.34 -2.52 0.00	137.07 -2.54 0.00
HQ_GEN_CEDARS_PROXY 323590	149.50 -1.80 -3.41	145.44 -1.54 -7.87	131.44 -1.46 -7.72	133.42 -1.84 -1.86	135.19 -1.75 -5.92	142.93 -2.19 -0.92	866.07 1.90 -698.17	1075.16 4.34 -870.64	790.34 2.21 -624.70	118.07 -2.51 0.00	133.83 -4.81 0.00	131.50 -3.52 0.00	121.22 -3.69 0.00	110.03 -3.86 0.00	66.04 -2.37 0.00	76.81 -2.75 0.00	101.56 -3.97 2.60	157.61 -3.70 -2.60	328.54 -6.50 0.00	166.41 -2.90 0.00	150.86 -2.19 -3.11	146.40 -2.46 0.00	134.34 -2.52 0.00	137.07 -2.54 0.00
HQ_GEN_IMPORT 323601	143.49 -1.30 3.10	138.13 -0.98 0.00	124.29 -0.89 0.00	132.18 -1.22 0.00	128.34 -1.17 1.51	148.95 -1.46 -6.21	122.36 -1.01 42.62	147.11 0.08 53.15	124.51 -0.79 38.13	118.91 -1.67 0.00	136.05 -2.58 0.00	132.81 -2.21 0.00	122.46 -2.46 0.00	111.46 -2.43 0.00	66.99 -1.42 0.00	77.99 -1.57 0.00	105.55 -2.28 0.30	156.63 -2.08 0.00	327.13 -3.72 4.19	165.67 -1.89 1.75	146.88 -1.34 1.72	147.26 -1.60 0.00	135.20 -1.66 0.00	137.80 -1.81 0.00
HQ_GEN_WHEEL 23651	143.49 -1.30 3.10	138.13 -0.98 0.00	124.29 -0.89 0.00	132.18 -1.22 0.00	128.34 -1.17 1.51	148.95 -1.46 -6.21	122.36 -1.01 42.62	147.11 0.08 53.15	124.51 -0.79 38.13	118.91 -1.67 0.00	136.05 -2.58 0.00	132.81 -2.21 0.00	122.46 -2.46 0.00	111.46 -2.43 0.00	66.99 -1.42 0.00	77.99 -1.57 0.00	105.55 -2.28 0.30	156.63 -2.08 0.00	327.13 -3.72 4.19	165.67 -1.89 1.75	146.88 -1.34 1.72	147.26 -1.60 0.00	135.20 -1.66 0.00	137.80 -1.81 0.00
HUDSON AVE_GT_3 23810	158.05 10.15 0.00	148.56 9.45 0.00	133.82 8.64 0.00	142.43 9.04 0.00	139.53 8.50 0.00	152.92 8.71 0.00	175.87 9.87 0.00	211.56 11.38 0.00	174.55 11.11 0.00	129.91 9.33 0.00	151.41 12.77 0.00	147.16 12.14 0.00	136.41 11.49 0.00	124.30 10.40 0.00	74.70 6.29 0.00	86.87 7.31 0.00	117.84 9.70 0.00	171.04 12.33 0.00	359.29 24.25 0.00	181.20 11.89 0.00	160.18 10.24 0.00	159.14 10.28 0.00	146.85 9.99 0.00	149.73 10.11 0.00
HUDSON AVE_GT_4 23540	158.05 10.15 0.00	148.56 9.45 0.00	133.82 8.64 0.00	142.43 9.04 0.00	139.53 8.50 0.00	152.92 8.71 0.00	175.87 9.87 0.00	211.56 11.38 0.00	174.55 11.11 0.00	129.91 9.33 0.00	151.41 12.77 0.00	147.16 12.14 0.00	136.41 11.49 0.00	124.30 10.40 0.00	74.70 6.29 0.00	86.87 7.31 0.00	117.84 9.70 0.00	171.04 12.33 0.00	359.29 24.25 0.00	181.20 11.89 0.00	160.18 10.24 0.00	159.14 10.28 0.00	146.85 9.99 0.00	149.73 10.11 0.00
HUDSON AVE_GT_5 23657	158.05 10.15 0.00	148.56 9.45 0.00	133.82 8.64 0.00	142.43 9.04 0.00	139.53 8.50 0.00	152.92 8.71 0.00	175.87 9.87 0.00	211.56 11.38 0.00	174.55 11.11 0.00	129.91 9.33 0.00	151.41 12.77 0.00	147.16 12.14 0.00	136.41 11.49 0.00	124.30 10.40 0.00	74.70 6.29 0.00	86.87 7.31 0.00	117.84 9.70 0.00	171.04 12.33 0.00	359.29 24.25 0.00	181.20 11.89 0.00	160.18 10.24 0.00	159.14 10.28 0.00	146.85 9.99 0.00	149.73 10.11 0.00
HUDSON_AVE_10 24168	157.82 9.93 0.00	148.32 9.21 0.00	133.58 8.41 0.00	142.22 8.83 0.00	139.35 8.33 0.00	152.69 8.49 0.00	175.56 9.56 0.00	211.26 11.09 0.00	174.22 10.79 0.00	129.69 9.12 0.00	151.22 12.59 0.00	147.02 12.01 0.00	136.20 11.29 0.00	124.07 10.18 0.00	74.57 6.16 0.00	86.71 7.15 0.00	117.66 9.53 0.00	170.75 12.04 0.00	358.63 23.58 0.00	180.83 11.52 0.00	159.87 9.93 0.00	158.80 9.95 0.00	146.47 9.61 0.00	149.39 9.78 0.00
HUDSON___115KV_TB 4 355613	156.59 8.69 0.00	146.92 7.81 0.00	132.21 7.04 0.00	140.92 7.53 0.00	138.22 7.20 0.00	151.48 7.27 0.00	174.09 8.09 0.00	208.93 8.76 0.00	170.17 6.74 0.00	125.40 4.83 0.00	144.02 5.38 0.00	139.67 4.66 0.00	129.50 4.59 0.00	118.41 4.52 0.00	71.18 2.77 0.00	83.06 3.50 0.00	113.32 5.20 0.00	166.66 7.94 0.00	352.04 17.00 0.00	177.66 8.35 0.00	157.37 7.43 0.00	156.33 7.47 0.00	143.99 7.13 0.00	147.73 8.12 0.00
HUNTER MOUNT___DRP 323613	157.71 9.81 0.00	147.95 8.84 0.00	133.10 7.93 0.00	141.92 8.53 0.00	139.18 8.16 0.00	152.78 8.57 0.00	175.76 9.76 0.00	210.97 10.79 0.00	171.59 8.16 0.00	126.24 5.67 0.00	144.70 6.06 0.00	140.29 5.28 0.00	130.02 5.11 0.00	118.94 5.05 0.00	71.49 3.08 0.00	83.50 3.94 0.00	114.15 6.02 0.00	168.21 9.50 0.00	355.50 20.47 0.00	179.43 10.12 0.00	158.87 8.93 0.00	157.77 8.91 0.00	145.14 8.28 0.00	148.75 9.15 0.00
HUNTINGTON_RES_REC 323705	157.69 9.79 0.00	149.72 10.61 0.00	143.72 10.27 -8.28	143.93 10.54 0.00	140.94 9.92 0.00	154.04 9.84 0.00	175.96 9.97 0.00	211.40 11.23 0.00	172.90 9.47 0.00	129.43 8.85 0.00	149.71 11.08 0.00	145.70 10.68 0.00	136.43 11.51 0.00	141.54 10.98 -16.67	143.88 7.00 -68.47	136.05 8.09 -48.40	139.60 10.79 -20.68	171.84 13.13 0.00	359.88 24.84 0.00	181.79 12.47 0.00	161.38 11.44 0.00	160.20 11.35 0.00	148.46 11.59 0.00	151.16 11.56 0.00
HUNTLEY___63 23557	134.01 -13.88 0.00	125.80 -13.31 0.00	112.51 -12.66 0.00	121.27 -12.12 0.00	120.14 -10.88 0.00	136.17 -8.04 0.00	152.65 -13.35 0.00	181.63 -18.55 0.00	150.72 -12.71 0.00	111.11 -9.46 0.00	125.00 -11.59 2.05	124.57 -10.44 0.00	115.21 -9.71 0.00	104.82 -9.07 0.00	63.23 -5.18 0.00	73.78 -5.78 0.00	98.95 -9.18 0.00	144.52 -14.19 0.00	306.65 -28.39 0.00	156.96 -12.35 0.00	137.37 -12.57 0.00	135.84 -13.02 0.00	124.58 -12.28 0.00	128.18 -11.43 0.00
HUNTLEY___64 23558	134.01 -13.88 0.00	125.80 -13.31 0.00	112.51 -12.66 0.00	121.27 -12.12 0.00	120.14 -10.88 0.00	136.17 -8.04 0.00	152.65 -13.35 0.00	181.63 -18.55 0.00	150.72 -12.71 0.00	111.11 -9.46 0.00	125.00 -11.59 2.05	124.57 -10.44 0.00	115.21 -9.71 0.00	104.82 -9.07 0.00	63.23 -5.18 0.00	73.78 -5.78 0.00	98.95 -9.18 0.00	144.52 -14.19 0.00	306.65 -28.39 0.00	156.96 -12.35 0.00	137.37 -12.57 0.00	135.84 -13.02 0.00	124.58 -12.28 0.00	128.18 -11.43 0.00
HUNTLEY___65 23559	134.01 -13.88 0.00	125.80 -13.31 0.00	112.51 -12.66 0.00	121.27 -12.12 0.00	120.14 -10.88 0.00	136.17 -8.04 0.00	152.65 -13.35 0.00	181.63 -18.55 0.00	150.72 -12.71 0.00	111.11 -9.46 0.00	125.00 -11.59 2.05	124.57 -10.44 0.00	115.21 -9.71 0.00	104.82 -9.07 0.00	63.23 -5.18 0.00	73.78 -5.78 0.00	98.95 -9.18 0.00	144.52 -14.19 0.00	306.65 -28.39 0.00	156.96 -12.35 0.00	137.37 -12.57 0.00	135.84 -13.02 0.00	124.58 -12.28 0.00	128.18 -11.43 0.00
HUNTLEY___66 23560	134.01 -13.88 0.00	125.80 -13.31 0.00	112.51 -12.66 0.00	121.27 -12.12 0.00	120.14 -10.88 0.00	136.17 -8.04 0.00	152.65 -13.35 0.00	181.63 -18.55 0.00	150.72 -12.71 0.00	111.11 -9.46 0.00	125.00 -11.59 2.05	124.57 -10.44 0.00	115.21 -9.71 0.00	104.82 -9.07 0.00	63.23 -5.18 0.00	73.78 -5.78 0.00	98.95 -9.18 0.00	144.52 -14.19 0.00	306.65 -28.39 0.00	156.96 -12.35 0.00	137.37 -12.57 0.00	135.84 -13.02 0.00	124.58 -12.28 0.00	128.18 -11.43 0.00

HUNTLEY___67 23561	134.29 -13.60 0.00	126.17 -12.94 0.00	112.91 -12.26 0.00	121.67 -11.72 0.00	120.60 -10.43 0.00	136.55 -7.65 0.00	153.38 -12.62 0.00	182.45 -17.73 0.00	151.20 -12.23 0.00	111.62 -8.95 0.00	125.36 -11.11 2.17	125.02 -9.99 0.00	115.70 -9.22 0.00	105.26 -8.64 0.00	63.50 -4.91 0.00	74.08 -5.48 0.00	99.50 -8.63 0.00	145.34 -13.37 0.00	308.18 -26.86 0.00	157.67 -11.64 0.00	138.03 -11.91 0.00	136.57 -12.28 0.00	125.34 -11.52 0.00	128.86 -10.74 0.00
HUNTLEY___68 23562	134.29 -13.60 0.00	126.17 -12.94 0.00	112.91 -12.26 0.00	121.67 -11.72 0.00	120.60 -10.43 0.00	136.55 -7.65 0.00	153.38 -12.62 0.00	182.45 -17.73 0.00	151.20 -12.23 0.00	111.62 -8.95 0.00	125.36 -11.11 2.17	125.02 -9.99 0.00	115.70 -9.22 0.00	105.26 -8.64 0.00	63.50 -4.91 0.00	74.08 -5.48 0.00	99.50 -8.63 0.00	145.34 -13.37 0.00	308.18 -26.86 0.00	157.67 -11.64 0.00	138.03 -11.91 0.00	136.57 -12.28 0.00	125.34 -11.52 0.00	128.86 -10.74 0.00
HYLAND___LFGE 323620	147.49 -0.40 0.00	138.48 -0.63 0.00	123.59 -1.59 0.00	132.78 -0.62 0.00	131.59 0.58 0.00	148.15 3.94 0.00	164.28 -1.72 0.00	186.66 -13.52 0.00	154.58 -8.86 0.00	113.24 -7.33 0.00	126.96 -8.42 3.25	125.28 -9.74 0.00	116.51 -8.41 0.00	106.90 -6.99 0.00	64.97 -3.44 0.00	76.24 -3.32 0.00	104.56 -3.57 0.00	150.53 -8.18 0.00	320.15 -14.89 0.00	165.48 -3.83 0.00	156.79 6.85 0.00	152.72 3.86 0.00	139.08 2.21 0.00	141.92 2.32 0.00
INDECK___CORINTH 23802	161.14 13.24 0.00	150.80 11.69 0.00	135.64 10.46 0.00	144.84 11.45 0.00	142.34 11.31 0.00	156.97 12.76 0.00	181.36 15.36 0.00	218.21 18.03 0.00	177.54 14.10 0.00	131.43 10.85 0.00	150.89 12.26 0.00	146.25 11.23 0.00	135.05 10.14 0.00	122.75 8.86 0.00	72.81 4.40 0.00	84.47 4.91 0.00	115.57 7.44 0.00	169.10 10.39 0.00	356.66 21.62 0.00	179.73 10.42 0.00	158.90 8.96 0.00	158.12 9.26 0.00	145.27 8.40 0.00	151.48 11.87 0.00
INDECK___ILION 23567	151.72 3.83 0.00	142.45 3.34 0.00	128.17 2.99 0.00	136.68 3.29 0.00	134.21 3.19 0.00	147.57 3.36 0.00	170.03 4.04 0.00	204.27 4.10 0.00	166.55 3.12 0.00	123.17 2.59 0.00	141.87 3.23 0.00	137.94 2.93 0.00	127.78 2.86 0.00	116.67 2.78 0.00	70.03 1.63 0.00	81.63 2.07 0.00	111.26 3.13 0.00	162.73 4.02 0.00	343.04 7.99 0.00	173.08 3.77 0.00	153.24 3.30 0.00	152.52 3.66 0.00	140.31 3.44 0.00	143.29 3.69 0.00
INDECK___OLEAN 23982	142.20 -5.70 0.00	133.66 -5.45 0.00	119.82 -5.35 0.00	128.98 -4.41 0.00	126.84 -4.18 0.00	142.85 -1.36 0.00	160.65 -5.35 0.00	191.87 -8.31 0.00	135.29 -4.34 23.80	117.70 -2.87 0.00	132.38 -3.32 2.93	132.92 -2.10 0.00	123.76 -1.16 0.00	112.72 -1.17 0.00	67.37 -1.04 0.00	78.24 -1.32 0.00	105.58 -2.55 0.00	153.89 -4.83 0.00	325.75 -9.29 0.00	166.54 -2.77 0.00	145.61 -4.33 0.00	144.90 -3.96 0.00	133.00 -3.87 0.00	136.64 -2.97 0.00
INDECK___OSWEGO 23783	148.57 0.68 0.00	139.31 0.20 0.00	125.11 -0.06 0.00	133.72 0.33 0.00	131.67 0.65 0.00	145.80 1.60 0.00	220.43 1.73 -52.70	267.78 1.88 -65.73	212.85 2.26 -47.16	122.31 1.74 0.00	140.21 1.57 0.00	136.44 1.42 0.00	126.12 1.20 0.00	114.93 1.04 0.00	68.85 0.43 0.00	80.00 0.43 0.00	109.07 0.94 0.00	160.72 2.00 0.00	341.38 6.34 0.00	172.94 3.63 0.00	152.18 2.24 0.00	150.76 1.91 0.00	138.33 1.47 0.00	140.93 1.32 0.00
INDECK___YERKES 23781	133.95 -13.95 0.00	125.74 -13.37 0.00	112.46 -12.71 0.00	121.17 -12.22 0.00	120.09 -10.93 0.00	136.07 -8.14 0.00	152.53 -13.46 0.00	181.43 -18.75 0.00	134.32 -12.85 16.27	111.03 -9.55 0.00	124.95 -11.64 2.05	124.53 -10.49 0.00	115.17 -9.74 0.00	104.79 -9.10 0.00	63.26 -5.15 0.00	73.78 -5.78 0.00	98.93 -9.20 0.00	144.47 -14.24 0.00	306.45 -28.59 0.00	156.89 -12.42 0.00	137.33 -12.61 0.00	135.78 -13.08 0.00	124.51 -12.35 0.00	128.14 -11.47 0.00
INDIAN POINT_GT_1 24139	156.56 8.67 0.00	147.18 8.07 0.00	132.59 7.42 0.00	141.19 7.79 0.00	138.36 7.34 0.00	151.81 7.61 0.00	174.62 8.62 0.00	209.82 9.65 0.00	172.44 9.00 0.00	128.29 7.71 0.00	148.96 10.33 0.00	144.78 9.76 0.00	134.31 9.40 0.00	122.66 8.77 0.00	73.70 5.29 0.00	85.69 6.13 0.00	116.35 8.22 0.00	169.20 10.48 0.00	355.94 20.90 0.00	179.53 10.22 0.00	158.80 8.86 0.00	157.82 8.97 0.00	145.64 8.78 0.00	148.42 8.82 0.00
INDIAN POINT_GT_2 23659	156.56 8.67 0.00	147.18 8.07 0.00	132.59 7.42 0.00	141.19 7.79 0.00	138.36 7.34 0.00	151.81 7.61 0.00	174.62 8.62 0.00	209.82 9.65 0.00	172.44 9.00 0.00	128.29 7.71 0.00	148.96 10.33 0.00	144.78 9.76 0.00	134.31 9.40 0.00	122.66 8.77 0.00	73.70 5.29 0.00	85.69 6.13 0.00	116.35 8.22 0.00	169.20 10.48 0.00	355.94 20.90 0.00	179.53 10.22 0.00	158.80 8.86 0.00	157.82 8.97 0.00	145.64 8.78 0.00	148.42 8.82 0.00
INDIAN POINT_GT_3 24019	156.56 8.67 0.00	147.18 8.07 0.00	132.59 7.42 0.00	141.19 7.79 0.00	138.36 7.34 0.00	151.81 7.61 0.00	174.62 8.62 0.00	209.82 9.65 0.00	172.44 9.00 0.00	128.29 7.71 0.00	148.96 10.33 0.00	144.78 9.76 0.00	134.31 9.40 0.00	122.66 8.77 0.00	73.70 5.29 0.00	85.69 6.13 0.00	116.35 8.22 0.00	169.20 10.48 0.00	355.94 20.90 0.00	179.53 10.22 0.00	158.80 8.86 0.00	157.82 8.97 0.00	145.64 8.78 0.00	148.42 8.82 0.00
INDIAN POINT___2 23530	156.28 8.39 0.00	146.95 7.84 0.00	132.38 7.20 0.00	140.93 7.53 0.00	138.14 7.12 0.00	151.60 7.39 0.00	174.35 8.35 0.00	209.49 9.32 0.00	172.15 8.72 0.00	128.06 7.48 0.00	148.73 10.10 0.00	144.53 9.51 0.00	134.08 9.17 0.00	122.48 8.59 0.00	73.58 5.17 0.00	85.54 5.98 0.00	116.12 7.99 0.00	168.89 10.18 0.00	355.27 20.23 0.00	179.19 9.88 0.00	158.50 8.56 0.00	157.53 8.68 0.00	145.37 8.51 0.00	148.11 8.50 0.00
INDIAN POINT___3 23531	156.41 8.52 0.00	147.04 7.93 0.00	132.48 7.31 0.00	141.05 7.66 0.00	138.24 7.22 0.00	151.70 7.49 0.00	174.47 8.48 0.00	209.64 9.46 0.00	172.24 8.80 0.00	128.17 7.59 0.00	148.81 10.17 0.00	144.64 9.62 0.00	134.16 9.24 0.00	122.55 8.66 0.00	73.63 5.21 0.00	85.61 6.05 0.00	116.20 8.07 0.00	168.97 10.25 0.00	355.42 20.38 0.00	179.29 9.98 0.00	158.59 8.65 0.00	157.66 8.80 0.00	145.46 8.59 0.00	148.22 8.61 0.00
INGHAM_C_115KV_TB7 356103	154.51 6.61 0.00	144.80 5.68 0.00	130.25 5.08 0.00	139.02 5.63 0.00	136.44 5.43 0.00	149.89 5.68 0.00	173.00 7.00 0.00	207.22 7.04 0.00	168.28 4.85 0.00	124.42 3.85 0.00	143.39 4.75 0.00	139.35 4.33 0.00	129.14 4.23 0.00	118.04 4.15 0.00	70.86 2.45 0.00	82.89 3.33 0.00	113.26 5.13 0.00	165.29 6.57 0.00	348.25 13.21 0.00	175.34 6.03 0.00	155.21 5.28 0.00	154.87 6.01 0.00	142.63 5.77 0.00	145.86 6.25 0.00
IP CORINTH___1 23988	161.14 13.24 0.00	150.81 11.70 0.00	135.63 10.46 0.00	144.84 11.45 0.00	142.34 11.32 0.00	156.97 12.76 0.00	181.36 15.36 0.00	218.21 18.03 0.00	177.53 14.10 0.00	131.43 10.85 0.00	150.99 12.35 0.00	146.34 11.33 0.00	135.20 10.29 0.00	122.97 9.08 0.00	73.10 4.69 0.00	84.88 5.32 0.00	116.14 8.01 0.00	169.95 11.24 0.00	358.48 23.44 0.00	180.62 11.30 0.00	159.70 9.76 0.00	158.88 10.03 0.00	145.99 9.12 0.00	151.62 12.01 0.00

IP___TICONDEROGA 23804	167.02 19.13 0.00	155.41 16.30 0.00	139.84 14.67 0.00	149.64 16.25 0.00	147.14 16.11 0.00	163.40 19.20 0.00	189.24 23.24 0.00	228.63 28.45 0.00	183.51 20.08 0.00	135.57 14.99 0.00	155.69 17.06 0.00	152.08 17.06 0.00	140.65 15.74 0.00	128.32 14.43 0.00	76.39 7.98 0.00	88.75 9.19 0.00	121.94 13.81 0.00	179.31 20.60 0.00	378.86 43.82 0.00	190.16 20.85 0.00	167.49 17.55 0.00	166.76 17.90 0.00	153.20 16.33 0.00	157.29 17.68 0.00
ISLIP_RES_REC 323679	160.32 12.42 0.00	152.42 13.31 0.00	146.12 12.67 -8.28	146.50 13.11 0.00	143.49 12.47 0.00	157.09 12.88 0.00	179.45 13.46 0.00	215.66 15.49 0.00	176.18 12.74 0.00	131.64 11.06 0.00	152.18 13.55 0.00	148.09 13.07 0.00	138.62 13.71 0.00	143.56 13.00 -16.67	145.23 8.35 -68.47	137.60 9.64 -48.40	141.80 13.00 -20.68	175.52 16.81 0.00	368.47 33.43 0.00	186.09 16.78 0.00	165.08 15.15 0.00	163.64 14.79 0.00	151.52 14.66 0.00	154.00 14.39 0.00
JAMAICA__27_KV_LOAD 355505	159.11 11.22 0.00	149.31 10.20 0.00	134.48 9.30 0.00	143.33 9.94 0.00	140.49 9.47 0.00	153.91 9.70 0.00	176.98 10.98 0.00	213.05 12.87 0.00	175.45 12.02 0.00	130.78 10.21 0.00	152.59 13.95 0.00	148.41 13.40 0.00	137.21 12.30 0.00	124.86 10.96 0.00	75.04 6.63 0.00	87.33 7.77 0.00	118.52 10.39 0.00	172.39 13.67 0.00	362.37 27.33 0.00	182.68 13.37 0.00	161.53 11.59 0.00	160.42 11.56 0.00	147.65 10.79 0.00	150.68 11.08 0.00
JANIS___SOLAR 323808	151.66 3.77 0.00	142.78 3.67 0.00	128.51 3.34 0.00	138.15 4.75 0.00	136.15 5.13 0.00	152.02 7.82 0.00	175.40 9.41 0.00	211.49 11.32 0.00	177.83 9.61 -4.79	127.95 7.38 0.00	152.28 7.94 -5.71	142.15 7.13 0.00	131.06 6.14 0.00	119.06 5.17 0.00	71.13 2.72 0.00	82.82 3.26 0.00	113.68 5.55 0.00	168.67 9.96 0.00	357.48 22.44 0.00	181.10 11.78 0.00	159.19 9.25 0.00	157.56 8.71 0.00	144.22 7.36 0.00	146.56 6.95 0.00
JARVIS____ 23743	149.34 1.44 0.00	140.36 1.25 0.00	126.33 1.15 0.00	134.72 1.33 0.00	132.23 1.21 0.00	145.45 1.25 0.00	167.41 1.41 0.00	201.47 1.29 0.00	164.67 1.24 0.00	121.80 1.22 0.00	140.22 1.58 0.00	136.46 1.44 0.00	126.37 1.45 0.00	115.26 1.37 0.00	69.17 0.76 0.00	80.44 0.88 0.00	109.39 1.26 0.00	160.24 1.53 0.00	338.05 3.01 0.00	170.70 1.39 0.00	151.26 1.32 0.00	150.33 1.48 0.00	138.25 1.38 0.00	141.13 1.53 0.00
JENNISON___1 23625	150.01 2.11 0.00	141.17 2.06 0.00	127.28 2.10 0.00	137.07 3.68 0.00	135.28 4.26 0.00	151.40 7.19 0.00	174.84 8.85 0.00	211.15 10.98 0.00	173.47 10.04 0.00	128.48 7.90 0.00	149.07 9.26 -1.17	143.53 8.52 0.00	132.56 7.64 0.00	119.89 6.00 0.00	71.31 2.90 0.00	82.86 3.30 0.00	113.44 5.31 0.00	168.16 9.45 0.00	354.77 19.73 0.00	180.02 10.71 0.00	158.66 8.72 0.00	157.33 8.47 0.00	144.49 7.62 0.00	147.02 7.41 0.00
JENNISON___2 23626	150.01 2.11 0.00	141.17 2.06 0.00	127.28 2.10 0.00	137.07 3.68 0.00	135.28 4.26 0.00	151.40 7.19 0.00	174.84 8.85 0.00	211.15 10.98 0.00	173.47 10.04 0.00	128.48 7.90 0.00	149.07 9.26 -1.17	143.53 8.52 0.00	132.56 7.64 0.00	119.89 6.00 0.00	71.31 2.90 0.00	82.86 3.30 0.00	113.44 5.31 0.00	168.16 9.45 0.00	354.77 19.73 0.00	180.02 10.71 0.00	158.66 8.72 0.00	157.33 8.47 0.00	144.49 7.62 0.00	147.02 7.41 0.00
JERICHO_RISE_WT_PWR 323719	79.74 -4.30 63.85	-12.28 -4.14 147.25	-23.25 -3.85 144.58	94.25 -4.25 34.90	-7.15 -4.24 133.93	130.56 -4.58 9.06	-96.69 -1.60 261.09	-123.01 2.41 325.59	-70.69 -0.51 233.62	117.47 -3.10 0.00	134.62 -4.02 0.00	132.14 -2.87 0.00	121.63 -3.29 0.00	110.75 -3.14 0.00	66.68 -1.73 0.00	77.77 -1.79 0.00	105.23 -2.91 0.00	156.12 -2.59 0.00	330.71 -4.33 0.00	167.22 -2.08 0.00	148.54 -1.40 0.00	147.03 -1.82 0.00	134.84 -2.03 0.00	137.38 -2.23 0.00
KATONAH___115KV_46KV_TB4 355592	158.68 10.78 0.00	149.18 10.07 0.00	134.37 9.19 0.00	143.12 9.73 0.00	140.31 9.28 0.00	154.10 9.89 0.00	177.31 11.32 0.00	213.22 13.05 0.00	175.07 11.64 0.00	130.09 9.51 0.00	150.91 12.27 0.00	146.65 11.64 0.00	135.99 11.08 0.00	124.15 10.26 0.00	74.59 6.18 0.00	86.82 7.26 0.00	117.95 9.82 0.00	171.56 12.85 0.00	360.94 25.90 0.00	182.09 12.78 0.00	161.03 11.08 0.00	159.98 11.12 0.00	147.48 10.61 0.00	150.26 10.65 0.00
KCE_NY_1 323755	158.34 10.44 0.00	148.45 9.34 0.00	133.39 8.22 0.00	142.39 9.00 0.00	139.75 8.72 0.00	153.69 9.48 0.00	177.42 11.42 0.00	213.49 13.31 0.00	174.09 10.65 0.00	128.82 8.24 0.00	148.21 9.58 0.00	143.91 8.89 0.00	133.36 8.44 0.00	121.56 7.67 0.00	72.82 4.41 0.00	84.62 5.06 0.00	115.61 7.48 0.00	169.53 10.81 0.00	356.36 21.32 0.00	179.76 10.45 0.00	159.11 9.17 0.00	158.09 9.24 0.00	145.40 8.53 0.00	149.20 9.59 0.00
KCE_NY_6_ESR 323823	137.04 -10.85 0.00	128.70 -10.41 0.00	115.21 -9.97 0.00	124.19 -9.20 0.00	123.04 -7.98 0.00	139.22 -4.99 0.00	156.58 -9.42 0.00	186.30 -13.88 0.00	136.40 -8.96 18.08	114.23 -6.35 0.00	128.15 -8.17 2.32	127.78 -7.24 0.00	118.33 -6.59 0.00	107.69 -6.20 0.00	64.94 -3.47 0.00	75.76 -3.80 0.00	101.89 -6.24 0.00	148.75 -9.97 0.00	315.48 -19.56 0.00	161.38 -7.93 0.00	141.41 -8.53 0.00	139.98 -8.88 0.00	128.44 -8.43 0.00	131.76 -7.85 0.00
KEDC_PORT_JEFF_GT2 24210	158.65 10.76 0.00	150.84 11.73 0.00	144.74 11.29 -8.28	144.98 11.59 0.00	141.98 10.96 0.00	155.12 10.91 0.00	177.02 11.02 0.00	212.66 12.49 0.00	173.52 10.09 0.00	129.65 9.07 0.00	150.01 11.37 0.00	146.35 11.33 0.00	137.34 12.43 0.00	142.47 11.91 -16.67	144.35 7.47 -68.47	136.45 8.49 -48.40	140.19 11.38 -20.68	173.07 14.36 0.00	363.16 28.12 0.00	183.44 14.13 0.00	162.77 12.83 0.00	161.47 12.61 0.00	149.57 12.71 0.00	152.13 12.52 0.00
KEDC_PORT_JEFF_GT3 24211	158.65 10.76 0.00	150.84 11.73 0.00	144.74 11.29 -8.28	144.98 11.59 0.00	141.98 10.96 0.00	155.12 10.91 0.00	177.02 11.02 0.00	212.66 12.49 0.00	173.52 10.09 0.00	129.65 9.07 0.00	150.01 11.37 0.00	146.35 11.33 0.00	137.34 12.43 0.00	142.47 11.91 -16.67	144.35 7.47 -68.47	136.45 8.49 -48.40	140.19 11.38 -20.68	173.07 14.36 0.00	363.16 28.12 0.00	183.44 14.13 0.00	162.77 12.83 0.00	161.47 12.61 0.00	149.57 12.71 0.00	152.13 12.52 0.00
KEDC_GLWD_GT4 24219	159.07 11.17 0.00	150.27 11.16 0.00	143.89 10.44 -8.28	144.20 10.81 0.00	141.26 10.24 0.00	154.78 10.57 0.00	177.48 11.49 0.00	212.46 12.29 0.00	175.01 11.58 0.00	130.69 10.11 0.00	151.57 12.93 0.00	147.41 12.40 0.00	137.36 12.45 0.00	142.26 11.71 -16.67	144.11 7.23 -68.47	136.35 8.39 -48.40	140.08 11.28 -20.68	172.84 14.13 0.00	361.37 26.33 0.00	182.49 13.18 0.00	161.75 11.81 0.00	161.25 12.39 0.00	149.06 12.20 0.00	151.72 12.12 0.00
KEDC_GLWD_GT5 24220	159.07 11.17 0.00	150.27 11.16 0.00	143.89 10.44 -8.28	144.20 10.81 0.00	141.26 10.24 0.00	154.78 10.57 0.00	177.48 11.49 0.00	212.46 12.29 0.00	175.01 11.58 0.00	130.69 10.11 0.00	151.57 12.93 0.00	147.41 12.40 0.00	137.36 12.45 0.00	142.26 11.71 -16.67	144.11 7.23 -68.47	136.35 8.39 -48.40	140.08 11.28 -20.68	172.84 14.13 0.00	361.37 26.33 0.00	182.49 13.18 0.00	161.75 11.81 0.00	161.25 12.39 0.00	149.06 12.20 0.00	151.72 12.12 0.00

KENSICO____ 23655	157.09 9.19 0.00	147.71 8.60 0.00	133.05 7.88 0.00	141.66 8.27 0.00	138.83 7.81 0.00	152.28 8.08 0.00	175.12 9.13 0.00	210.51 10.33 0.00	173.15 9.71 0.00	128.81 8.24 0.00	149.65 11.02 0.00	145.46 10.44 0.00	134.95 10.03 0.00	123.20 9.31 0.00	74.04 5.63 0.00	86.08 6.52 0.00	116.86 8.73 0.00	169.79 11.07 0.00	356.95 21.91 0.00	180.06 10.75 0.00	159.26 9.31 0.00	158.28 9.42 0.00	146.08 9.21 0.00	148.89 9.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	158.75 10.86 0.00	149.26 10.15 0.00	134.34 9.16 0.00	143.23 9.84 0.00	140.54 9.52 0.00	154.54 10.33 0.00	178.05 12.05 0.00	214.16 13.98 0.00	175.41 11.98 0.00	129.92 9.34 0.00	150.29 11.65 0.00	145.91 10.89 0.00	135.15 10.23 0.00	123.26 9.37 0.00	74.05 5.64 0.00	86.29 6.73 0.00	117.57 9.44 0.00	171.70 12.99 0.00	361.86 26.82 0.00	182.80 13.49 0.00	161.70 11.76 0.00	160.54 11.68 0.00	147.82 10.96 0.00	150.41 10.80 0.00
KIAC_JFK_GT1 23816	157.72 9.83 0.00	148.05 8.94 0.00	133.35 8.17 0.00	142.05 8.66 0.00	139.25 8.22 0.00	152.49 8.28 0.00	175.11 9.12 0.00	210.76 10.58 0.00	173.67 10.24 0.00	129.47 8.89 0.00	151.11 12.47 0.00	147.11 12.09 0.00	136.04 11.13 0.00	123.79 9.90 0.00	74.40 5.99 0.00	86.47 6.90 0.00	117.35 9.22 0.00	170.65 11.94 0.00	358.55 23.51 0.00	180.78 11.46 0.00	159.81 9.87 0.00	158.73 9.88 0.00	146.15 9.28 0.00	149.13 9.52 0.00
KIAC_JFK_GT2 23817	157.72 9.83 0.00	148.05 8.94 0.00	133.35 8.17 0.00	142.05 8.66 0.00	139.25 8.22 0.00	152.49 8.28 0.00	175.11 9.12 0.00	210.76 10.58 0.00	173.67 10.24 0.00	129.47 8.89 0.00	151.11 12.47 0.00	147.11 12.09 0.00	136.04 11.13 0.00	123.79 9.90 0.00	74.40 5.99 0.00	86.47 6.90 0.00	117.35 9.22 0.00	170.65 11.94 0.00	358.55 23.51 0.00	180.78 11.46 0.00	159.81 9.87 0.00	158.73 9.88 0.00	146.15 9.28 0.00	149.13 9.52 0.00
KIAC_JFK____ 323774	157.72 9.83 0.00	148.05 8.94 0.00	133.35 8.17 0.00	142.05 8.66 0.00	139.26 8.24 0.00	152.50 8.29 0.00	175.11 9.11 0.00	210.77 10.60 0.00	173.68 10.25 0.00	129.45 8.87 0.00	151.13 12.50 0.00	147.08 12.07 0.00	136.04 11.13 0.00	123.79 9.90 0.00	74.40 5.99 0.00	86.46 6.90 0.00	117.34 9.21 0.00	170.65 11.93 0.00	358.55 23.51 0.00	180.77 11.46 0.00	159.81 9.87 0.00	158.73 9.87 0.00	146.13 9.27 0.00	149.13 9.52 0.00
KINTIGH____ 23543	133.83 -14.07 0.00	125.65 -13.46 0.00	112.60 -12.58 0.00	121.10 -12.29 0.00	119.82 -11.20 0.00	135.17 -9.04 0.00	152.38 -13.62 0.00	181.63 -18.54 0.00	150.12 -13.31 0.00	110.89 -9.69 0.00	125.25 -11.74 1.64	124.28 -10.73 0.00	115.03 -9.88 0.00	104.67 -9.22 0.00	63.06 -5.35 0.00	73.49 -6.07 0.00	98.87 -9.25 0.00	144.56 -14.15 0.00	306.39 -28.65 0.00	156.45 -12.86 0.00	137.18 -12.76 0.00	135.69 -13.17 0.00	124.50 -12.36 0.00	127.85 -11.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	85.52 -2.01 60.36	-2.21 -2.11 139.21	-13.23 -1.72 136.68	98.47 -1.93 32.99	2.29 -2.12 126.62	133.53 -2.11 8.57	-33.86 0.90 200.75	-44.70 5.46 250.34	-14.07 2.12 179.62	119.50 -1.08 0.00	136.90 -1.74 0.00	134.35 -0.66 0.00	123.76 -1.15 0.00	112.81 -1.08 0.00	67.87 -0.54 0.00	79.20 -0.36 0.00	106.96 -1.17 0.00	158.38 -0.33 0.00	335.58 0.54 0.00	169.94 0.63 0.00	151.31 1.37 0.00	149.93 1.07 0.00	137.24 0.38 0.00	139.77 0.16 0.00
LACHUTE__HYDRO 323717	167.02 19.13 0.00	155.40 16.29 0.00	139.84 14.66 0.00	149.64 16.24 0.00	147.13 16.11 0.00	163.40 19.20 0.00	189.23 23.24 0.00	228.63 28.45 0.00	183.51 20.07 0.00	135.57 14.99 0.00	155.70 17.06 0.00	152.08 17.06 0.00	140.65 15.73 0.00	128.31 14.43 0.00	76.39 7.98 0.00	88.75 9.19 0.00	121.94 13.80 0.00	179.31 20.60 0.00	378.82 43.78 0.00	190.16 20.85 0.00	167.48 17.54 0.00	166.75 17.90 0.00	153.19 16.33 0.00	157.29 17.68 0.00
LAWRNCV_115KV_TB1 80681	155.31 -1.04 -8.46	157.68 -0.93 -19.50	143.33 -0.99 -19.15	136.71 -1.30 -4.62	147.58 -1.18 -17.74	143.84 -1.57 -1.20	867.81 2.69 -699.12	1077.70 5.69 -871.83	792.02 3.04 -625.55	118.56 -2.02 0.00	134.28 -4.35 0.00	131.80 -3.21 0.00	121.46 -3.46 0.00	109.96 -3.93 0.00	65.73 -2.68 0.00	76.24 -3.32 0.00	103.43 -4.70 0.00	154.52 -4.19 0.00	328.40 -6.64 0.00	166.41 -2.90 0.00	147.69 -2.25 0.00	146.59 -2.27 0.00	134.80 -2.07 0.00	137.93 -1.67 0.00
LEDERLE____ 23769	156.74 8.85 0.00	147.36 8.25 0.00	132.74 7.56 0.00	141.32 7.93 0.00	138.55 7.53 0.00	152.12 7.91 0.00	175.03 9.04 0.00	210.31 10.13 0.00	172.71 9.27 0.00	128.54 7.97 0.00	149.18 10.54 0.00	144.92 9.91 0.00	134.48 9.57 0.00	122.93 9.04 0.00	73.85 5.44 0.00	85.84 6.28 0.00	116.55 8.42 0.00	169.63 10.92 0.00	357.06 22.02 0.00	180.04 10.73 0.00	159.23 9.29 0.00	158.26 9.40 0.00	145.93 9.06 0.00	148.64 9.03 0.00
LIGHTHSE_115KV_TB6 355974	150.49 1.35 -1.25	142.64 0.64 -2.89	128.34 0.33 -2.84	134.82 0.74 -0.68	134.74 1.09 -2.63	146.14 1.75 -0.18	255.82 2.33 -87.50	312.24 2.95 -109.11	244.77 3.05 -78.29	122.31 1.74 0.00	139.85 1.22 0.00	135.96 0.95 0.00	125.62 0.71 0.00	114.46 0.57 0.00	68.28 -0.13 0.00	79.16 -0.40 0.00	108.33 0.20 0.00	160.58 1.87 0.00	342.49 7.45 0.00	173.61 4.30 0.00	152.70 2.76 0.00	151.33 2.48 0.00	139.26 2.40 0.00	141.94 2.33 0.00
LINDEN COGEN____ 23786	156.75 8.85 0.00	147.35 8.24 0.00	132.70 7.53 0.00	141.20 7.81 0.00	-27.81 7.35 166.18	50.42 7.60 101.39	59.80 8.58 114.78	102.19 9.77 107.75	172.93 9.50 0.00	128.71 8.13 0.00	149.00 11.30 0.94	145.11 10.70 0.60	134.66 10.23 0.49	123.25 9.36 0.00	74.07 5.66 0.00	83.77 6.58 2.37	116.78 8.64 0.00	169.46 10.75 0.00	356.21 21.17 0.00	179.55 10.24 0.00	158.73 8.79 0.00	157.69 8.84 0.00	145.63 8.77 0.00	148.44 8.84 0.00
LINDHRST_69_KV_BK1 356055	159.85 11.95 0.00	151.39 12.28 0.00	145.05 11.60 -8.28	145.33 11.94 0.00	142.32 11.30 0.00	155.85 11.64 0.00	178.42 12.42 0.00	214.55 14.37 0.00	175.73 12.29 0.00	131.28 10.70 0.00	151.84 13.21 0.00	147.61 12.59 0.00	137.90 12.98 0.00	142.70 12.14 -16.67	144.57 7.69 -68.47	136.92 8.96 -48.40	140.93 12.12 -20.68	174.05 15.34 0.00	365.21 30.17 0.00	184.60 15.29 0.00	163.69 13.75 0.00	162.59 13.73 0.00	150.42 13.55 0.00	152.94 13.33 0.00
LIPA_MISC_IPP 23656	159.49 11.60 0.00	152.07 12.96 0.00	145.81 12.35 -8.28	146.14 12.74 0.00	143.16 12.14 0.00	156.69 12.48 0.00	178.97 12.97 0.00	214.96 14.79 0.00	175.56 12.13 0.00	131.11 10.54 0.00	151.48 12.84 0.00	147.38 12.36 0.00	137.85 12.94 0.00	142.89 12.33 -16.67	144.88 8.00 -68.47	137.22 9.26 -48.40	141.32 12.51 -20.68	174.87 16.16 0.00	367.16 32.12 0.00	185.49 16.18 0.00	164.54 14.60 0.00	163.18 14.32 0.00	151.20 14.34 0.00	153.70 14.09 0.00
LISF__SOLAR 323691	159.81 11.92 0.00	152.34 13.23 0.00	146.07 12.62 -8.28	146.43 13.04 0.00	143.44 12.42 0.00	157.05 12.84 0.00	179.37 13.37 0.00	215.39 15.22 0.00	175.82 12.39 0.00	131.26 10.69 0.00	151.62 12.98 0.00	147.48 12.46 0.00	137.91 12.99 0.00	143.00 12.44 -16.67	144.98 8.10 -68.47	137.36 9.40 -48.40	141.53 12.73 -20.68	175.29 16.57 0.00	368.11 33.07 0.00	185.94 16.63 0.00	164.92 14.98 0.00	163.54 14.69 0.00	151.51 14.65 0.00	153.98 14.37 0.00

LITTLE FALLS___HYD 24013	154.51 6.61 0.00	144.80 5.68 0.00	130.25 5.08 0.00	139.02 5.63 0.00	136.44 5.43 0.00	149.89 5.68 0.00	173.00 7.00 0.00	207.22 7.04 0.00	168.28 4.85 0.00	124.42 3.85 0.00	143.39 4.75 0.00	139.35 4.33 0.00	129.14 4.23 0.00	118.04 4.15 0.00	70.86 2.45 0.00	82.89 3.33 0.00	113.26 5.13 0.00	165.29 6.57 0.00	348.25 13.21 0.00	175.34 6.03 0.00	155.21 5.28 0.00	154.87 6.01 0.00	142.63 5.77 0.00	145.86 6.25 0.00
LITTLRIV_115KV_TB1 356100	158.19 1.01 -9.28	161.54 1.03 -21.41	146.94 0.75 -21.02	138.99 0.53 -5.07	151.18 0.69 -19.47	145.95 0.43 -1.32	870.38 5.10 -699.28	1081.04 8.84 -872.02	794.27 5.15 -625.69	119.64 -0.94 0.00	135.26 -3.38 0.00	132.67 -2.35 0.00	122.30 -2.62 0.00	110.61 -3.28 0.00	66.42 -1.99 0.00	77.12 -2.44 0.00	104.84 -3.29 0.00	157.31 -1.41 0.00	334.73 -0.31 0.00	169.64 0.33 0.00	150.51 0.57 0.00	149.22 0.36 0.00	137.10 0.24 0.00	140.20 0.60 0.00
LI_NEWBRDGE___DRP 323616	157.52 9.62 0.00	148.92 9.81 0.00	142.75 9.30 -8.28	142.94 9.54 0.00	140.01 8.99 0.00	153.30 9.09 0.00	175.67 9.67 0.00	210.99 10.81 0.00	173.16 9.72 0.00	129.32 8.74 0.00	149.93 11.30 0.00	145.87 10.85 0.00	136.01 11.10 0.00	140.96 10.41 -16.67	143.39 6.51 -68.47	135.48 7.52 -48.40	138.87 10.06 -20.68	171.04 12.32 0.00	358.65 23.61 0.00	181.17 11.86 0.00	160.61 10.67 0.00	159.63 10.77 0.00	147.65 10.79 0.00	150.38 10.77 0.00
LOCKPORT_115KV_TB60_63_64 80432	133.21 -14.68 0.00	124.97 -14.14 0.00	111.83 -13.34 0.00	120.48 -12.91 0.00	119.38 -11.65 0.00	135.15 -9.06 0.00	151.00 -14.99 0.00	179.58 -20.60 0.00	148.78 -14.65 0.00	109.96 -10.62 0.00	123.92 -12.89 1.82	123.29 -11.72 0.00	114.02 -10.89 0.00	103.75 -10.13 0.00	62.60 -5.81 0.00	73.02 -6.55 0.00	97.86 -10.27 0.00	142.88 -15.83 0.00	303.04 -32.00 0.00	155.12 -14.19 0.00	135.85 -14.09 0.00	134.42 -14.43 0.00	123.32 -13.55 0.00	126.97 -12.64 0.00
LOCKPORT___CC1 323769	132.75 -15.14 0.00	124.57 -14.54 0.00	111.46 -13.72 0.00	120.08 -13.31 0.00	118.97 -12.05 0.00	134.60 -9.61 0.00	150.30 -15.70 0.00	178.71 -21.47 0.00	133.54 -15.27 14.62	109.47 -11.11 0.00	122.76 -13.45 2.43	122.78 -12.24 0.00	113.54 -11.37 0.00	103.31 -10.58 0.00	62.37 -6.04 0.00	72.74 -6.82 0.00	97.49 -10.64 0.00	142.25 -16.46 0.00	301.81 -33.23 0.00	154.50 -14.81 0.00	135.32 -14.61 0.00	133.88 -14.98 0.00	122.83 -14.03 0.00	126.48 -13.13 0.00
LOCKPORT___CC2 323770	132.75 -15.14 0.00	124.57 -14.54 0.00	111.46 -13.72 0.00	120.08 -13.31 0.00	118.97 -12.05 0.00	134.60 -9.61 0.00	150.30 -15.70 0.00	178.71 -21.47 0.00	133.54 -15.27 14.62	109.47 -11.11 0.00	122.76 -13.45 2.43	122.78 -12.24 0.00	113.54 -11.37 0.00	103.31 -10.58 0.00	62.37 -6.04 0.00	72.74 -6.82 0.00	97.49 -10.64 0.00	142.25 -16.46 0.00	301.81 -33.23 0.00	154.50 -14.81 0.00	135.32 -14.61 0.00	133.88 -14.98 0.00	122.83 -14.03 0.00	126.48 -13.13 0.00
LOCKPORT___CC3 323771	132.75 -15.14 0.00	124.57 -14.54 0.00	111.46 -13.72 0.00	120.08 -13.31 0.00	118.97 -12.05 0.00	134.60 -9.61 0.00	150.30 -15.70 0.00	178.71 -21.47 0.00	133.54 -15.27 14.62	109.47 -11.11 0.00	122.76 -13.45 2.43	122.78 -12.24 0.00	113.54 -11.37 0.00	103.31 -10.58 0.00	62.37 -6.04 0.00	72.74 -6.82 0.00	97.49 -10.64 0.00	142.25 -16.46 0.00	301.81 -33.23 0.00	154.50 -14.81 0.00	135.32 -14.61 0.00	133.88 -14.98 0.00	122.83 -14.03 0.00	126.48 -13.13 0.00
LONG_LAKE_PHOENIX 24014	147.07 -0.83 0.00	138.01 -1.10 0.00	123.92 -1.25 0.00	132.45 -0.94 0.00	130.38 -0.64 0.00	144.48 0.28 0.00	206.31 0.06 -40.25	250.14 -0.23 -50.19	200.01 0.56 -36.01	121.21 0.63 0.00	139.09 0.45 0.00	135.43 0.42 0.00	125.30 0.38 0.00	114.22 0.33 0.00	68.48 0.07 0.00	79.55 -0.01 0.00	108.34 0.21 0.00	159.25 0.54 0.00	337.62 2.58 0.00	170.98 1.68 0.00	150.54 0.60 0.00	149.14 0.28 0.00	136.77 -0.10 0.00	139.34 -0.26 0.00
LOVETT___3 23632	156.07 8.17 0.00	146.74 7.63 0.00	132.19 7.02 0.00	140.73 7.34 0.00	137.96 6.94 0.00	151.43 7.22 0.00	174.18 8.18 0.00	209.17 9.00 0.00	171.87 8.43 0.00	127.90 7.32 0.00	148.45 9.82 0.00	144.24 9.22 0.00	133.83 8.92 0.00	122.34 8.45 0.00	73.48 5.07 0.00	85.39 5.83 0.00	115.91 7.79 0.00	168.66 9.95 0.00	354.97 19.93 0.00	179.00 9.69 0.00	158.33 8.39 0.00	157.37 8.52 0.00	145.21 8.34 0.00	147.94 8.34 0.00
LOVETT___4 23642	156.07 8.17 0.00	146.74 7.63 0.00	132.19 7.02 0.00	140.73 7.34 0.00	137.96 6.94 0.00	151.43 7.22 0.00	174.18 8.18 0.00	209.17 9.00 0.00	171.87 8.43 0.00	127.90 7.32 0.00	148.45 9.82 0.00	144.24 9.22 0.00	133.83 8.92 0.00	122.34 8.45 0.00	73.48 5.07 0.00	85.39 5.83 0.00	115.91 7.79 0.00	168.66 9.95 0.00	354.97 19.93 0.00	179.00 9.69 0.00	158.33 8.39 0.00	157.37 8.52 0.00	145.21 8.34 0.00	147.94 8.34 0.00
LOVETT___5 23593	156.07 8.17 0.00	146.74 7.63 0.00	132.19 7.02 0.00	140.73 7.34 0.00	137.96 6.94 0.00	151.43 7.22 0.00	174.18 8.18 0.00	209.17 9.00 0.00	171.87 8.43 0.00	127.90 7.32 0.00	148.45 9.82 0.00	144.24 9.22 0.00	133.83 8.92 0.00	122.34 8.45 0.00	73.48 5.07 0.00	85.39 5.83 0.00	115.91 7.79 0.00	168.66 9.95 0.00	354.97 19.93 0.00	179.00 9.69 0.00	158.33 8.39 0.00	157.37 8.52 0.00	145.21 8.34 0.00	147.94 8.34 0.00
LOWER RAQUET___HYD 24057	157.19 -0.77 -10.06	161.58 -0.73 -23.20	147.12 -0.83 -22.78	137.76 -1.13 -5.50	151.12 -1.00 -21.10	144.27 -1.36 -1.43	868.34 2.92 -699.43	1078.49 6.11 -872.21	792.58 3.32 -625.83	118.76 -1.82 0.00	134.47 -4.17 0.00	131.92 -3.10 0.00	121.54 -3.37 0.00	109.93 -3.96 0.00	65.63 -2.78 0.00	76.06 -3.50 0.00	103.20 -4.93 0.00	154.45 -4.27 0.00	328.31 -6.73 0.00	166.42 -2.89 0.00	147.70 -2.24 0.00	146.64 -2.21 0.00	134.94 -1.92 0.00	138.21 -1.39 0.00
LOWER___HUDSON 24059	155.40 7.51 0.00	145.61 6.50 0.00	131.05 5.88 0.00	139.70 6.31 0.00	137.07 6.05 0.00	150.47 6.26 0.00	173.39 7.40 0.00	208.25 8.08 0.00	169.92 6.49 0.00	126.08 5.50 0.00	145.26 6.63 0.00	141.10 6.08 0.00	130.77 5.85 0.00	119.56 5.67 0.00	71.81 3.39 0.00	83.54 3.98 0.00	113.69 5.56 0.00	165.90 7.18 0.00	349.63 14.60 0.00	176.37 7.06 0.00	156.34 6.40 0.00	155.57 6.72 0.00	143.22 6.35 0.00	146.58 6.97 0.00
LOWVILLE_115KV_TB2 356335	156.77 5.90 -2.98	150.57 4.59 -6.87	136.00 4.08 -6.75	139.60 4.57 -1.63	142.16 4.89 -6.25	150.27 5.64 -0.42	382.53 8.43 -208.10	470.98 11.30 -259.51	358.73 9.09 -186.21	125.85 5.28 0.00	142.98 4.35 0.00	139.10 4.08 0.00	128.34 3.42 0.00	116.98 3.09 0.00	68.57 0.17 0.00	79.10 -0.46 0.00	109.10 0.97 0.00	163.80 5.09 0.00	350.91 15.87 0.00	178.32 9.01 0.00	157.08 7.15 0.00	155.65 6.80 0.00	143.40 6.54 0.00	146.44 6.83 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	158.18 10.28 0.00	148.29 9.17 0.00	133.37 8.20 0.00	142.25 8.86 0.00	139.70 8.68 0.00	153.74 9.53 0.00	177.32 11.33 0.00	213.22 13.04 0.00	173.80 10.36 0.00	128.68 8.11 0.00	148.10 9.46 0.00	143.81 8.80 0.00	133.17 8.25 0.00	121.45 7.56 0.00	72.76 4.35 0.00	84.61 5.05 0.00	115.52 7.39 0.00	169.05 10.33 0.00	356.13 21.09 0.00	179.61 10.30 0.00	158.97 9.03 0.00	158.00 9.15 0.00	145.31 8.45 0.00	149.14 9.54 0.00

LUTHERNY_35_KV_BK2 355980	158.34 10.44 0.00	148.45 9.34 0.00	133.39 8.22 0.00	142.39 8.99 0.00	139.73 8.71 0.00	153.69 9.48 0.00	177.42 11.43 0.00	213.49 13.31 0.00	174.07 10.64 0.00	128.82 8.24 0.00	148.20 9.56 0.00	143.90 8.89 0.00	133.36 8.44 0.00	121.57 7.68 0.00	72.81 4.40 0.00	84.62 5.06 0.00	115.61 7.48 0.00	169.54 10.83 0.00	356.35 21.31 0.00	179.75 10.44 0.00	159.11 9.17 0.00	158.09 9.23 0.00	145.39 8.53 0.00	149.20 9.60 0.00
LWR___OSWEGATCHIE_HYD 23850	157.12 2.35 -6.88	156.69 1.71 -15.87	142.11 1.35 -15.58	138.61 1.46 -3.76	147.14 1.69 -14.43	146.87 1.69 -0.98	649.94 5.25 -478.70	805.29 8.16 -596.95	597.52 5.76 -428.33	121.90 1.33 0.00	138.34 -0.29 0.00	135.05 0.04 0.00	124.51 -0.40 0.00	113.09 -0.80 0.00	66.94 -1.47 0.00	77.28 -2.28 0.00	105.79 -2.34 0.00	158.74 0.02 0.00	339.11 4.07 0.00	172.07 2.76 0.00	152.05 2.11 0.00	151.02 2.17 0.00	139.08 2.22 0.00	142.22 2.61 0.00
LYONS_FALL_HYD 23570	155.23 5.31 -2.02	147.97 4.20 -4.66	133.62 3.87 -4.57	138.79 4.30 -1.11	139.81 4.55 -4.24	149.81 5.32 -0.29	315.04 7.41 -141.63	386.34 9.54 -176.62	297.98 7.82 -126.72	125.54 4.97 0.00	143.22 4.58 0.00	139.37 4.36 0.00	128.72 3.81 0.00	117.35 3.46 0.00	69.38 0.97 0.00	80.29 0.73 0.00	110.21 2.08 0.00	164.08 5.37 0.00	349.57 14.53 0.00	177.33 8.02 0.00	156.44 6.50 0.00	155.05 6.19 0.00	142.68 5.81 0.00	145.62 6.01 0.00
MADISON___COUNTY_LFGE 323628	152.07 4.18 0.00	142.91 3.80 0.00	128.74 3.57 0.00	137.58 4.19 0.00	135.43 4.41 0.00	149.64 5.43 0.00	209.87 6.69 -37.18	254.37 7.82 -46.37	203.47 6.77 -33.27	125.88 5.30 0.00	144.28 5.65 0.00	140.47 5.46 0.00	129.64 4.73 0.00	118.25 4.36 0.00	70.74 2.33 0.00	82.20 2.64 0.00	112.39 4.26 0.00	165.11 6.40 0.00	349.04 14.00 0.00	176.45 7.14 0.00	155.87 5.93 0.00	154.53 5.67 0.00	141.80 4.94 0.00	144.46 4.85 0.00
MALONE___115KV_TB1 356076	190.57 0.02 -42.66	237.35 -0.13 -98.37	221.49 -0.27 -96.59	156.25 -0.46 -23.31	220.03 -0.47 -89.47	149.92 -0.34 -6.05	1433.03 3.55 -1263.49	1784.17 8.39 -1575.61	1298.52 4.56 -1130.53	120.71 0.14 0.00	137.83 -0.80 0.00	135.05 0.04 0.00	124.31 -0.61 0.00	112.89 -1.00 0.00	67.81 -0.60 0.00	78.97 -0.59 0.00	106.98 -1.15 0.00	159.43 0.72 0.00	338.48 3.44 0.00	171.45 2.14 0.00	152.26 2.32 0.00	150.76 1.90 0.00	138.11 1.24 0.00	140.76 1.15 0.00
MAPLEWOD_115KV_TB3 80458	154.21 6.32 0.00	144.61 5.50 0.00	130.17 4.99 0.00	138.75 5.36 0.00	136.08 5.06 0.00	149.24 5.04 0.00	171.74 5.74 0.00	206.18 6.01 0.00	168.57 5.13 0.00	125.09 4.52 0.00	144.25 5.61 0.00	140.16 5.14 0.00	130.11 5.19 0.00	119.02 5.13 0.00	71.57 3.16 0.00	83.25 3.69 0.00	113.09 4.96 0.00	164.87 6.16 0.00	347.55 12.51 0.00	175.24 5.93 0.00	155.43 5.50 0.00	154.54 5.69 0.00	142.35 5.48 0.00	145.57 5.96 0.00
MAPLE_RIDGE_WT_1 323574	147.19 -0.70 0.00	138.41 -0.70 0.00	124.45 -0.72 0.00	132.63 -0.76 0.00	130.34 -0.68 0.00	143.27 -0.93 0.00	135.88 -0.55 29.56	163.43 0.12 36.87	136.69 -0.30 26.46	119.64 -0.94 0.00	137.09 -1.55 0.00	133.65 -1.37 0.00	123.44 -1.47 0.00	111.82 -2.07 0.00	66.61 -1.80 0.00	77.45 -2.11 0.00	105.62 -2.51 0.00	156.55 -2.16 0.00	331.14 -3.90 0.00	167.68 -1.63 0.00	149.19 -0.75 0.00	147.81 -1.05 0.00	136.05 -0.82 0.00	138.87 -0.74 0.00
MAPLE_RIDGE_WT_2 323611	147.19 -0.70 0.00	138.41 -0.70 0.00	124.45 -0.72 0.00	132.63 -0.76 0.00	130.34 -0.68 0.00	143.27 -0.93 0.00	135.88 -0.55 29.56	163.43 0.12 36.87	136.69 -0.30 26.46	119.64 -0.94 0.00	137.09 -1.55 0.00	133.65 -1.37 0.00	123.44 -1.47 0.00	111.82 -2.07 0.00	66.61 -1.80 0.00	77.45 -2.11 0.00	105.62 -2.51 0.00	156.55 -2.16 0.00	331.14 -3.90 0.00	167.68 -1.63 0.00	149.19 -0.75 0.00	147.81 -1.05 0.00	136.05 -0.82 0.00	138.87 -0.74 0.00
MARBLE_RIVER_WT_PWR 323696	84.38 -4.35 59.17	-1.49 -4.16 136.44	-12.62 -3.83 133.97	96.84 -4.21 32.34	2.70 -4.22 124.10	131.27 -4.54 8.40	-15.76 -1.78 179.98	-21.96 2.31 224.44	1.72 -0.68 161.04	117.51 -3.07 0.00	134.72 -3.92 0.00	132.29 -2.72 0.00	121.86 -3.06 0.00	111.04 -2.85 0.00	66.83 -1.58 0.00	77.95 -1.61 0.00	105.41 -2.72 0.00	156.18 -2.54 0.00	330.57 -4.48 0.00	167.16 -2.15 0.00	148.58 -1.36 0.00	147.16 -1.70 0.00	134.98 -1.89 0.00	137.53 -2.08 0.00
MARSHVLE_115KV_TB1 80742	157.00 9.10 0.00	147.88 8.77 0.00	132.89 7.72 0.00	141.78 8.39 0.00	139.55 8.53 0.00	154.41 10.21 0.00	178.11 12.11 0.00	214.86 14.69 0.00	174.60 11.16 0.00	127.53 6.95 0.00	145.67 7.04 0.00	141.59 6.57 0.00	131.34 6.42 0.00	119.41 5.52 0.00	71.83 3.42 0.00	83.91 4.35 0.00	114.75 6.62 0.00	169.68 10.96 0.00	359.08 24.04 0.00	181.85 12.54 0.00	160.59 10.65 0.00	159.53 10.67 0.00	146.49 9.63 0.00	148.94 9.33 0.00
MARSH_HILL_WT_PWR 323713	138.67 -9.22 0.00	130.96 -8.15 0.00	115.66 -9.51 0.00	124.71 -8.68 0.00	124.03 -6.99 0.00	139.26 -4.95 0.00	158.54 -7.46 0.00	189.88 -10.29 0.00	157.97 -5.46 0.00	116.40 -4.18 0.00	126.92 -6.27 5.44	128.16 -6.85 0.00	120.01 -4.90 0.00	109.75 -4.14 0.00	66.23 -2.18 0.00	77.52 -2.04 0.00	105.54 -2.59 0.00	154.38 -4.33 0.00	327.52 -7.52 0.00	167.00 -2.31 0.00	147.31 -2.63 0.00	146.89 -1.97 0.00	134.20 -2.66 0.00	137.16 -2.45 0.00
MCINTYRE_115KV_TB2 80467	157.74 1.81 -8.03	159.49 1.86 -18.52	144.91 1.55 -18.19	139.12 1.34 -4.39	149.38 1.51 -16.85	146.61 1.27 -1.14	871.06 6.02 -699.04	1081.77 9.86 -871.73	794.56 5.65 -625.48	119.86 -0.71 0.00	135.50 -3.14 0.00	132.87 -2.14 0.00	122.51 -2.41 0.00	110.94 -2.95 0.00	66.67 -1.74 0.00	77.49 -2.07 0.00	105.42 -2.71 0.00	158.58 -0.14 0.00	337.31 2.27 0.00	170.98 1.67 0.00	151.72 1.78 0.00	150.25 1.39 0.00	137.83 0.97 0.00	140.70 1.09 0.00
MECO_____69_KV_BK1 80468	159.63 11.73 0.00	150.10 10.98 0.00	134.88 9.71 0.00	143.93 10.54 0.00	141.63 10.60 0.00	156.39 12.19 0.00	180.65 14.65 0.00	217.56 17.38 0.00	175.90 12.46 0.00	128.31 7.74 0.00	146.94 8.30 0.00	142.78 7.76 0.00	132.43 7.52 0.00	120.51 6.62 0.00	72.62 4.21 0.00	85.34 5.78 0.00	117.22 9.09 0.00	173.06 14.35 0.00	365.95 30.91 0.00	185.12 15.81 0.00	163.36 13.42 0.00	161.95 13.09 0.00	148.64 11.77 0.00	151.35 11.74 0.00
MENANDS___115KV_TB5 355628	153.28 5.39 0.00	143.78 4.67 0.00	129.43 4.25 0.00	137.93 4.54 0.00	135.22 4.20 0.00	148.21 4.00 0.00	170.50 4.50 0.00	204.57 4.39 0.00	167.31 3.88 0.00	124.23 3.65 0.00	143.33 4.70 0.00	139.25 4.23 0.00	129.28 4.37 0.00	118.32 4.43 0.00	71.18 2.77 0.00	82.76 3.20 0.00	112.30 4.17 0.00	163.60 4.89 0.00	344.84 9.80 0.00	173.84 4.53 0.00	154.25 4.31 0.00	153.41 4.56 0.00	141.39 4.53 0.00	144.65 5.04 0.00
MG INDUSTRY___DRP 24185	153.10 5.20 0.00	143.82 4.71 0.00	129.45 4.28 0.00	137.98 4.59 0.00	135.33 4.31 0.00	148.53 4.33 0.00	170.59 4.59 0.00	204.58 4.40 0.00	166.70 3.26 0.00	123.21 2.63 0.00	142.00 3.36 0.00	138.03 3.01 0.00	128.13 3.22 0.00	117.17 3.28 0.00	70.42 2.01 0.00	82.00 2.44 0.00	111.83 3.70 0.00	163.46 4.75 0.00	344.48 9.44 0.00	173.81 4.50 0.00	154.07 4.13 0.00	153.30 4.44 0.00	141.24 4.38 0.00	144.51 4.90 0.00

MID___OSWEGATCHIE_HYD 23849	157.12 2.35 -6.88	156.69 1.71 -15.87	142.11 1.35 -15.58	138.61 1.46 -3.76	147.14 1.69 -14.43	146.87 1.69 -0.98	649.94 5.25 -478.70	805.29 8.16 -596.95	597.52 5.76 -428.33	121.90 1.33 0.00	138.34 -0.29 0.00	135.05 0.04 0.00	124.51 -0.40 0.00	113.09 -0.80 0.00	66.94 -1.47 0.00	77.28 -2.28 0.00	105.79 -2.34 0.00	158.74 0.02 0.00	339.11 4.07 0.00	172.07 2.76 0.00	152.05 2.11 0.00	151.02 2.17 0.00	139.08 2.22 0.00	142.22 2.61 0.00
MID___RAQUETTE_HYD 23851	157.18 -0.77 -10.06	161.59 -0.72 -23.20	147.13 -0.83 -22.78	137.76 -1.12 -5.50	151.14 -0.99 -21.10	144.27 -1.37 -1.43	868.34 2.92 -699.43	1078.49 6.11 -872.21	792.60 3.34 -625.83	118.75 -1.82 0.00	134.47 -4.17 0.00	131.92 -3.10 0.00	121.54 -3.38 0.00	109.93 -3.96 0.00	65.63 -2.78 0.00	76.06 -3.50 0.00	103.20 -4.93 0.00	154.45 -4.27 0.00	328.31 -6.73 0.00	166.42 -2.88 0.00	147.70 -2.24 0.00	146.65 -2.21 0.00	134.94 -1.92 0.00	138.21 -1.39 0.00
MILLIKEN___1 23584	148.68 0.79 0.00	139.78 0.67 0.00	125.60 0.42 0.00	134.41 1.02 0.00	132.28 1.26 0.00	146.84 2.63 0.00	168.73 2.73 0.00	202.94 2.77 0.00	166.37 2.94 0.00	123.09 2.51 0.00	148.15 2.67 -6.85	137.49 2.47 0.00	127.17 2.26 0.00	115.93 2.04 0.00	69.57 1.16 0.00	80.90 1.34 0.00	110.20 2.06 0.00	162.09 3.38 0.00	342.95 7.91 0.00	173.63 4.32 0.00	152.66 2.72 0.00	151.31 2.46 0.00	138.77 1.91 0.00	141.16 1.55 0.00
MILLIKEN___2 23585	148.68 0.79 0.00	139.78 0.67 0.00	125.60 0.42 0.00	134.41 1.02 0.00	132.28 1.26 0.00	146.84 2.63 0.00	168.73 2.73 0.00	202.94 2.77 0.00	166.37 2.94 0.00	123.09 2.51 0.00	148.15 2.67 -6.85	137.49 2.47 0.00	127.17 2.26 0.00	115.93 2.04 0.00	69.57 1.16 0.00	80.90 1.34 0.00	110.20 2.06 0.00	162.09 3.38 0.00	342.95 7.91 0.00	173.63 4.32 0.00	152.66 2.72 0.00	151.31 2.46 0.00	138.77 1.91 0.00	141.16 1.55 0.00
MILLIKEN___DIESEL 23629	148.68 0.79 0.00	139.78 0.67 0.00	125.60 0.42 0.00	134.41 1.02 0.00	132.28 1.26 0.00	146.84 2.63 0.00	168.73 2.73 0.00	202.94 2.77 0.00	166.37 2.94 0.00	123.09 2.51 0.00	148.15 2.67 -6.85	137.49 2.47 0.00	127.17 2.26 0.00	115.93 2.04 0.00	69.57 1.16 0.00	80.90 1.34 0.00	110.20 2.06 0.00	162.09 3.38 0.00	342.95 7.91 0.00	173.63 4.32 0.00	152.66 2.72 0.00	151.31 2.46 0.00	138.77 1.91 0.00	141.16 1.55 0.00
MILLSEAT___LFGE 323607	137.43 -10.47 0.00	128.88 -10.23 0.00	115.33 -9.84 0.00	124.14 -9.25 0.00	122.98 -8.04 0.00	139.03 -5.18 0.00	156.13 -9.87 0.00	186.29 -13.89 0.00	140.93 -9.22 13.28	113.96 -6.62 0.00	128.48 -8.43 1.72	127.59 -7.42 0.00	117.91 -7.01 0.00	107.24 -6.65 0.00	64.68 -3.73 0.00	75.37 -4.19 0.00	101.29 -6.84 0.00	148.31 -10.41 0.00	314.81 -20.23 0.00	160.86 -8.46 0.00	140.76 -9.18 0.00	139.16 -9.69 0.00	127.41 -9.45 0.00	130.90 -8.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	156.76 8.86 0.00	147.39 8.28 0.00	132.75 7.57 0.00	141.36 7.97 0.00	138.54 7.52 0.00	152.00 7.79 0.00	174.81 8.81 0.00	210.07 9.90 0.00	172.67 9.24 0.00	128.46 7.89 0.00	149.19 10.56 0.00	145.02 10.01 0.00	134.50 9.59 0.00	122.83 8.94 0.00	73.82 5.41 0.00	85.82 6.26 0.00	116.52 8.39 0.00	169.38 10.67 0.00	356.18 21.14 0.00	179.66 10.35 0.00	158.94 9.00 0.00	157.97 9.11 0.00	145.78 8.91 0.00	148.56 8.95 0.00
MILLWOOD_13_KV_LOAD 356217	156.95 9.06 0.00	147.59 8.48 0.00	132.94 7.77 0.00	141.54 8.15 0.00	138.73 7.71 0.00	152.23 8.03 0.00	175.05 9.05 0.00	210.39 10.21 0.00	172.96 9.53 0.00	128.66 8.08 0.00	149.38 10.74 0.00	145.17 10.15 0.00	134.66 9.74 0.00	122.99 9.10 0.00	73.90 5.49 0.00	85.95 6.38 0.00	116.70 8.57 0.00	169.67 10.96 0.00	356.85 21.80 0.00	180.00 10.69 0.00	159.19 9.25 0.00	158.22 9.36 0.00	145.96 9.10 0.00	148.75 9.14 0.00
MODEL_CITY_ENERGY 24167	132.06 -15.83 0.00	123.88 -15.23 0.00	110.89 -14.29 0.00	119.42 -13.97 0.00	118.40 -12.62 0.00	134.13 -10.08 0.00	149.63 -16.36 0.00	177.83 -22.35 0.00	131.92 -16.10 15.42	108.95 -11.63 0.00	122.63 -14.08 1.92	122.17 -12.84 0.00	113.00 -11.91 0.00	102.84 -11.05 0.00	62.08 -6.33 0.00	72.38 -7.18 0.00	96.93 -11.20 0.00	141.42 -17.29 0.00	299.91 -35.14 0.00	153.59 -15.72 0.00	134.51 -15.43 0.00	133.13 -15.73 0.00	122.19 -14.68 0.00	125.97 -13.64 0.00
MODERN_LFGE___ 323580	132.06 -15.83 0.00	123.88 -15.23 0.00	110.89 -14.29 0.00	119.42 -13.97 0.00	118.40 -12.62 0.00	134.13 -10.08 0.00	149.63 -16.36 0.00	177.83 -22.35 0.00	131.92 -16.10 15.42	108.95 -11.63 0.00	122.63 -14.08 1.92	122.17 -12.84 0.00	113.00 -11.91 0.00	102.84 -11.05 0.00	62.08 -6.33 0.00	72.38 -7.18 0.00	96.93 -11.20 0.00	141.42 -17.29 0.00	299.91 -35.14 0.00	153.59 -15.72 0.00	134.51 -15.43 0.00	133.13 -15.73 0.00	122.19 -14.68 0.00	125.97 -13.64 0.00
MOHAWK_PAPER___DRP 24187	154.21 6.32 0.00	144.61 5.50 0.00	130.17 4.99 0.00	138.75 5.36 0.00	136.08 5.06 0.00	149.24 5.04 0.00	171.74 5.74 0.00	206.18 6.01 0.00	168.57 5.13 0.00	125.09 4.52 0.00	144.25 5.61 0.00	140.16 5.14 0.00	130.11 5.19 0.00	119.02 5.13 0.00	71.57 3.16 0.00	83.25 3.69 0.00	113.09 4.96 0.00	164.87 6.16 0.00	347.55 12.51 0.00	175.24 5.93 0.00	155.43 5.50 0.00	154.54 5.69 0.00	142.35 5.48 0.00	145.57 5.96 0.00
MOHICAN___35_KV_115KV_LD 80490	161.62 13.73 0.00	151.14 12.03 0.00	135.95 10.78 0.00	145.17 11.78 0.00	142.67 11.65 0.00	157.37 13.16 0.00	181.86 15.86 0.00	218.81 18.63 0.00	177.82 14.39 0.00	131.68 11.11 0.00	151.29 12.65 0.00	146.83 11.81 0.00	135.69 10.77 0.00	123.53 9.64 0.00	73.57 5.17 0.00	85.54 5.98 0.00	117.13 9.00 0.00	171.46 12.75 0.00	361.62 26.58 0.00	182.20 12.89 0.00	161.06 11.13 0.00	160.16 11.30 0.00	147.15 10.29 0.00	152.15 12.54 0.00
MONGAUP___HYD 23641	157.74 9.84 0.00	148.25 9.14 0.00	133.41 8.24 0.00	142.17 8.78 0.00	139.43 8.41 0.00	152.41 8.20 0.00	174.63 8.63 0.00	208.52 8.34 0.00	170.44 7.00 0.00	125.81 5.23 0.00	146.63 8.00 0.00	142.68 7.66 0.00	132.06 7.15 0.00	120.65 6.76 0.00	72.53 4.12 0.00	84.77 5.21 0.00	115.48 7.35 0.00	167.37 8.66 0.00	353.10 18.06 0.00	179.45 10.14 0.00	158.95 9.01 0.00	158.51 9.65 0.00	145.98 9.12 0.00	149.41 9.80 0.00
MONTAUK___DIESEL 23721	158.45 10.56 0.00	157.50 18.39 0.00	150.70 17.25 -8.28	151.50 18.11 0.00	148.47 17.45 0.00	162.98 18.77 0.00	186.20 20.21 0.00	223.17 22.99 0.00	182.38 18.94 0.00	135.89 15.32 0.00	156.34 17.70 0.00	151.99 16.97 0.00	141.86 16.95 0.00	146.64 16.09 -16.67	147.25 10.37 -68.47	140.06 12.11 -48.40	145.58 16.77 -20.68	181.61 22.90 0.00	381.90 46.86 0.00	192.84 23.53 0.00	170.81 20.87 0.00	169.15 20.30 0.00	156.53 19.67 0.00	158.96 19.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	138.24 -9.66 0.00	130.67 -8.44 0.00	117.32 -7.85 0.00	126.52 -6.87 0.00	125.55 -5.47 0.00	142.71 -1.49 0.00	161.27 -4.73 0.00	192.02 -8.16 0.00	159.18 -4.25 0.00	118.28 -2.30 0.00	132.57 -3.48 2.58	132.65 -2.37 0.00	123.18 -1.74 0.00	112.04 -1.85 0.00	67.20 -1.21 0.00	78.31 -1.25 0.00	105.82 -2.31 0.00	154.69 -4.02 0.00	327.66 -7.38 0.00	167.05 -2.26 0.00	146.00 -3.95 0.00	144.77 -4.09 0.00	132.69 -4.17 0.00	136.18 -3.43 0.00

MORRIS_RIDGE___SOLAR 323848	138.21 -9.69 0.00	130.01 -9.10 0.00	115.86 -9.31 0.00	124.74 -8.65 0.00	123.49 -7.53 0.00	138.91 -5.30 0.00	157.32 -8.68 0.00	187.77 -12.40 0.00	155.48 -7.95 0.00	114.83 -5.74 0.00	127.41 -7.64 3.59	127.44 -7.57 0.00	118.31 -6.61 0.00	107.88 -6.01 0.00	65.05 -3.36 0.00	76.12 -3.44 0.00	103.35 -4.79 0.00	150.94 -7.77 0.00	320.26 -14.78 0.00	163.58 -5.73 0.00	143.89 -6.05 0.00	142.92 -5.94 0.00	130.92 -5.94 0.00	134.05 -5.55 0.00
MORTIMER_115KV_TB3 55949	139.16 -8.74 0.00	130.67 -8.44 0.00	117.19 -7.98 0.00	125.72 -7.67 0.00	124.24 -6.78 0.00	139.36 -4.84 0.00	158.36 -7.64 0.00	189.39 -10.79 0.00	156.10 -7.33 0.00	115.39 -5.19 0.00	130.85 -6.50 1.29	129.20 -5.82 0.00	119.53 -5.38 0.00	108.85 -5.04 0.00	65.54 -2.87 0.00	76.31 -3.25 0.00	103.08 -5.05 0.00	151.00 -7.72 0.00	319.87 -15.17 0.00	162.79 -6.52 0.00	142.97 -6.97 0.00	141.35 -7.51 0.00	129.54 -7.33 0.00	132.51 -7.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	157.74 9.84 0.00	148.29 9.18 0.00	133.57 8.39 0.00	142.18 8.79 0.00	139.28 8.26 0.00	152.71 8.51 0.00	175.62 9.63 0.00	211.21 11.03 0.00	173.99 10.56 0.00	129.49 8.92 0.00	150.76 12.13 0.00	146.57 11.56 0.00	135.87 10.96 0.00	123.90 10.01 0.00	74.46 6.05 0.00	86.58 7.02 0.00	117.49 9.36 0.00	170.56 11.85 0.00	358.32 23.28 0.00	180.73 11.42 0.00	159.81 9.87 0.00	158.80 9.94 0.00	146.60 9.73 0.00	149.43 9.83 0.00
MUNSVILLE_WIND_PWR 323609	154.43 6.54 0.00	145.81 6.71 0.00	131.71 6.53 0.00	142.48 9.08 0.00	140.59 9.57 0.00	158.00 13.79 0.00	183.27 17.27 0.00	221.63 21.45 0.00	185.55 17.59 -4.52	134.10 13.52 0.00	157.24 15.17 -3.43	148.99 13.98 0.00	137.01 12.10 0.00	123.69 9.79 0.00	73.70 5.29 0.00	85.64 6.08 0.00	118.03 9.90 0.00	176.77 18.06 0.00	374.61 39.57 0.00	189.85 20.54 0.00	166.78 16.84 0.00	165.03 16.17 0.00	150.88 14.01 0.00	153.03 13.42 0.00
N SALMON___HYD 24042	190.57 0.02 -42.66	237.33 -0.16 -98.37	221.49 -0.28 -96.59	156.25 -0.45 -23.31	220.02 -0.48 -89.47	149.93 -0.33 -6.05	1433.03 3.55 -1263.49	1784.18 8.39 -1575.61	1298.50 4.54 -1130.53	120.71 0.14 0.00	137.84 -0.80 0.00	135.05 0.04 0.00	124.31 -0.61 0.00	112.89 -1.00 0.00	67.82 -0.59 0.00	78.97 -0.59 0.00	106.98 -1.15 0.00	159.43 0.72 0.00	338.48 3.44 0.00	171.45 2.14 0.00	152.26 2.32 0.00	150.76 1.90 0.00	138.11 1.24 0.00	140.76 1.15 0.00
N.AKRON__115KV_KNAPP 355671	136.19 -11.70 0.00	127.77 -11.33 0.00	114.32 -10.85 0.00	123.13 -10.27 0.00	121.97 -9.05 0.00	137.96 -6.24 0.00	154.72 -11.28 0.00	184.37 -15.81 0.00	152.65 -10.78 0.00	112.78 -7.79 0.00	127.20 -9.68 1.76	126.36 -8.66 0.00	116.85 -8.06 0.00	106.28 -7.61 0.00	64.08 -4.33 0.00	74.71 -4.85 0.00	100.30 -7.83 0.00	146.73 -11.98 0.00	311.31 -23.73 0.00	159.13 -10.18 0.00	139.30 -10.64 0.00	137.76 -11.10 0.00	126.25 -10.61 0.00	129.76 -9.85 0.00
N.BELMOR_69_KV_BK1 55787	158.84 10.94 0.00	150.14 11.03 0.00	143.78 10.33 -8.28	144.06 10.67 0.00	141.09 10.07 0.00	154.53 10.32 0.00	177.12 11.13 0.00	212.73 12.55 0.00	174.59 11.16 0.00	130.29 9.71 0.00	150.96 12.33 0.00	146.85 11.83 0.00	136.93 12.01 0.00	141.84 11.28 -16.67	143.89 7.01 -68.47	136.15 8.19 -48.40	139.84 11.03 -20.68	172.29 13.58 0.00	361.44 26.40 0.00	182.63 13.31 0.00	162.15 12.21 0.00	161.07 12.21 0.00	148.97 12.10 0.00	151.63 12.02 0.00
N.E_GEN_SANDY PD 24062	154.33 7.95 1.51	145.92 6.82 0.00	131.39 6.22 0.00	140.02 6.63 0.00	135.75 6.23 1.51	156.72 6.31 -6.21	173.30 7.31 0.00	208.45 7.78 -0.49	169.98 6.54 0.00	126.34 5.76 0.00	146.02 7.39 0.00	139.76 6.80 2.05	131.45 6.54 0.00	123.81 6.47 -3.45	72.38 3.97 0.00	84.23 4.67 0.00	114.69 6.34 -0.22	164.42 7.73 2.02	346.41 15.56 4.19	174.98 7.42 1.75	154.97 6.75 1.72	156.05 7.20 0.00	143.50 7.04 0.40	145.35 7.42 1.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	156.35 8.45 0.00	146.98 7.87 0.00	132.39 7.22 0.00	140.93 7.54 0.00	138.17 7.15 0.00	151.67 7.46 0.00	174.50 8.50 0.00	209.54 9.36 0.00	172.14 8.71 0.00	128.12 7.54 0.00	148.69 10.06 0.00	144.49 9.48 0.00	134.07 9.16 0.00	122.54 8.65 0.00	73.61 5.20 0.00	85.54 5.98 0.00	116.13 8.00 0.00	169.01 10.30 0.00	355.72 20.68 0.00	179.38 10.07 0.00	158.65 8.71 0.00	157.67 8.81 0.00	145.48 8.62 0.00	148.20 8.59 0.00
N.QUEENS_27_KV_LOAD 356247	158.05 10.15 0.00	148.66 9.55 0.00	133.83 8.66 0.00	142.41 9.02 0.00	139.58 8.56 0.00	152.95 8.74 0.00	175.96 9.97 0.00	211.83 11.65 0.00	174.71 11.27 -0.01	130.08 9.49 -0.01	151.65 13.00 -0.01	147.44 12.42 -0.01	136.53 11.62 0.00	124.60 10.63 -0.08	74.94 6.45 -0.08	87.11 7.46 -0.09	118.12 9.76 -0.23	171.00 12.26 -0.02	359.12 24.08 0.00	181.38 12.07 0.00	160.35 10.41 0.00	159.32 10.46 0.00	147.09 10.08 -0.14	149.63 10.01 -0.01
N.TROY___115KV_TB1 355778	155.40 7.51 0.00	145.61 6.50 0.00	131.04 5.87 0.00	139.70 6.31 0.00	137.07 6.05 0.00	150.47 6.26 0.00	173.39 7.40 0.00	208.18 8.01 0.00	169.90 6.46 0.00	126.08 5.50 0.00	145.28 6.64 0.00	141.10 6.08 0.00	130.75 5.84 0.00	119.56 5.67 0.00	71.81 3.39 0.00	83.54 3.97 0.00	113.70 5.57 0.00	165.89 7.18 0.00	349.68 14.64 0.00	176.37 7.06 0.00	156.34 6.40 0.00	155.58 6.72 0.00	143.22 6.35 0.00	146.58 6.97 0.00
NARROWS_GT1_1 24228	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT1_2 24229	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT1_3 24230	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT1_4 24231	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24

NARROWS_GT1_5 24232	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT1_6 24233	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT1_7 24234	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT1_8 24235	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_1 24236	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_2 24237	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_3 24238	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_4 24239	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_5 24240	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_6 24241	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_7 24242	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NARROWS_GT2_8 24243	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	416.76 12.16 -241.16	338.30 10.02 -207.70	266.67 13.50 -114.53	306.91 12.78 -159.12	170.28 12.11 -33.26	276.15 11.00 -151.26	238.74 6.57 -163.77	568.73 7.63 -481.54	384.63 9.96 -266.54	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	157.71 9.81 0.00	147.95 8.84 0.00	133.10 7.93 0.00	141.92 8.53 0.00	139.18 8.16 0.00	152.78 8.57 0.00	175.76 9.76 0.00	210.97 10.79 0.00	171.59 8.16 0.00	126.24 5.67 0.00	144.70 6.06 0.00	140.29 5.28 0.00	130.02 5.11 0.00	118.94 5.05 0.00	71.49 3.08 0.00	83.50 3.94 0.00	114.15 6.02 0.00	168.21 9.50 0.00	355.50 20.47 0.00	179.43 10.12 0.00	158.87 8.93 0.00	157.77 8.91 0.00	145.14 8.28 0.00	148.75 9.15 0.00
NCHELSEA_115KV_TR2 355582	158.22 10.33 0.00	148.70 9.59 0.00	133.89 8.71 0.00	142.77 9.38 0.00	139.96 8.94 0.00	153.70 9.49 0.00	176.92 10.92 0.00	212.71 12.53 0.00	174.48 11.05 0.00	129.55 8.97 0.00	150.05 11.41 0.00	145.80 10.78 0.00	135.20 10.29 0.00	123.47 9.58 0.00	74.20 5.79 0.00	86.34 6.78 0.00	117.41 9.28 0.00	170.92 12.20 0.00	359.75 24.71 0.00	181.61 12.30 0.00	160.67 10.73 0.00	159.64 10.79 0.00	147.11 10.25 0.00	149.85 10.24 0.00
NEG CAPITAL___MECHNVIL 23645	158.28 10.38 0.00	148.29 9.18 0.00	133.40 8.23 0.00	142.33 8.94 0.00	139.74 8.72 0.00	153.76 9.55 0.00	177.38 11.38 0.00	213.22 13.04 0.00	173.90 10.46 0.00	128.80 8.23 0.00	148.25 9.61 0.00	143.99 8.97 0.00	133.35 8.43 0.00	121.69 7.80 0.00	72.95 4.54 0.00	84.86 5.29 0.00	115.79 7.66 0.00	169.34 10.63 0.00	356.90 21.86 0.00	179.97 10.66 0.00	159.31 9.38 0.00	158.33 9.47 0.00	145.65 8.78 0.00	149.28 9.68 0.00

NEG CENTRAL_HIGH_ACRES 23767	137.99 -9.90 0.00	129.66 -9.45 0.00	116.33 -8.85 0.00	124.71 -8.68 0.00	123.13 -7.89 0.00	137.77 -6.44 0.00	156.98 -9.01 0.00	188.06 -12.12 0.00	148.87 -8.73 5.84	114.37 -6.21 0.00	130.10 -7.59 0.95	128.08 -6.94 0.00	118.49 -6.43 0.00	107.95 -5.94 0.00	64.96 -3.46 0.00	75.65 -3.91 0.00	102.31 -5.82 0.00	149.96 -8.76 0.00	317.43 -17.61 0.00	161.21 -8.10 0.00	141.63 -8.31 0.00	140.12 -8.73 0.00	128.42 -8.44 0.00	131.16 -8.45 0.00
NEG CENTRAL___DRP 24199	144.05 -3.85 0.00	135.54 -3.57 0.00	121.57 -3.60 0.00	130.25 -3.14 0.00	128.28 -2.74 0.00	142.81 -1.40 0.00	163.69 -2.30 0.00	196.53 -3.64 0.00	161.46 -1.98 0.00	119.45 -1.12 0.00	135.56 -1.59 1.49	133.46 -1.55 0.00	123.55 -1.37 0.00	112.63 -1.26 0.00	67.81 -0.60 0.00	78.97 -0.60 0.00	107.19 -0.94 0.00	157.01 -1.70 0.00	332.44 -2.60 0.00	168.59 -0.72 0.00	148.17 -1.77 0.00	146.82 -2.04 0.00	134.30 -2.56 0.00	136.73 -2.88 0.00
NEG CENTRAL___INDECK 23768	144.87 -3.02 0.00	136.03 -3.08 0.00	121.45 -3.73 0.00	130.50 -2.90 0.00	129.26 -1.76 0.00	145.45 1.24 0.00	163.11 -2.88 0.00	190.19 -9.98 0.00	157.41 -6.03 0.00	115.77 -4.80 0.00	129.54 -5.84 3.26	128.76 -6.25 0.00	119.33 -5.58 0.00	109.16 -4.73 0.00	66.07 -2.34 0.00	77.35 -2.21 0.00	105.32 -2.81 0.00	152.91 -5.80 0.00	324.70 -10.35 0.00	166.72 -2.59 0.00	152.30 2.36 0.00	149.60 0.74 0.00	136.49 -0.38 0.00	139.46 -0.15 0.00
NEG CENTRAL___SENECA 23627	143.39 -4.51 0.00	134.99 -4.12 0.00	120.99 -4.19 0.00	129.77 -3.62 0.00	127.92 -3.10 0.00	142.76 -1.45 0.00	163.38 -2.62 0.00	196.08 -4.09 0.00	161.36 -2.08 0.00	119.37 -1.21 0.00	133.98 -1.85 2.80	133.20 -1.81 0.00	123.35 -1.57 0.00	112.45 -1.44 0.00	67.80 -0.61 0.00	79.07 -0.49 0.00	107.28 -0.85 0.00	156.88 -1.83 0.00	332.32 -2.72 0.00	168.72 -0.59 0.00	148.14 -1.80 0.00	146.80 -2.06 0.00	133.94 -2.92 0.00	136.42 -3.19 0.00
NEG CENTRAL___STATE_STREET 24147	146.27 -1.63 0.00	137.53 -1.57 0.00	123.53 -1.65 0.00	132.14 -1.25 0.00	130.08 -0.94 0.00	144.31 0.11 0.00	183.16 -0.35 -17.52	220.90 -1.12 -21.85	179.04 -0.07 -15.68	120.86 0.28 0.00	139.55 0.13 -0.79	135.18 0.17 0.00	125.05 0.13 0.00	113.95 0.06 0.00	68.47 0.06 0.00	79.45 -0.11 0.00	107.86 -0.27 0.00	158.87 0.15 0.00	336.25 1.21 0.00	170.28 0.97 0.00	149.42 -0.52 0.00	147.95 -0.91 0.00	136.08 -0.78 0.00	138.19 -1.42 0.00
NEG MILLWOOD___DRP 24198	159.12 11.23 0.00	149.58 10.47 0.00	134.69 9.51 0.00	143.55 10.16 0.00	140.75 9.73 0.00	154.54 10.34 0.00	177.94 11.94 0.00	214.04 13.87 0.00	175.63 12.20 0.00	130.39 9.81 0.00	151.16 12.52 0.00	146.87 11.85 0.00	136.19 11.27 0.00	124.30 10.41 0.00	74.71 6.30 0.00	86.92 7.36 0.00	118.19 10.06 0.00	172.02 13.30 0.00	361.97 26.93 0.00	182.71 13.40 0.00	161.60 11.66 0.00	160.55 11.69 0.00	147.95 11.08 0.00	150.68 11.07 0.00
NEG NORTH_FLCN_SEA 23793	84.61 -3.56 59.73	-2.10 -3.48 137.73	-12.93 -2.87 135.23	97.61 -3.14 32.64	2.35 -3.39 125.27	132.14 -3.59 8.48	-24.68 -1.02 189.66	-33.15 3.19 236.52	-5.92 0.35 169.70	118.47 -2.11 0.00	135.80 -2.84 0.00	133.47 -1.55 0.00	123.06 -1.85 0.00	112.23 -1.66 0.00	67.51 -0.90 0.00	78.79 -0.78 0.00	106.11 -2.02 0.00	156.67 -2.04 0.00	331.68 -3.37 0.00	167.89 -1.42 0.00	149.92 -0.02 0.00	148.64 -0.21 0.00	135.98 -0.88 0.00	138.55 -1.06 0.00
NEG NORTH_KES_CHATEGAY 23792	80.43 -3.70 63.76	-11.55 -3.62 147.04	-22.58 -3.38 144.38	94.83 -3.71 34.85	-6.48 -3.76 133.75	131.17 -3.99 9.05	-94.43 -0.90 259.53	-120.26 3.21 323.64	-68.75 0.04 232.22	117.63 -2.95 0.00	134.79 -3.85 0.00	132.18 -2.83 0.00	121.64 -3.28 0.00	110.78 -3.11 0.00	66.69 -1.71 0.00	77.79 -1.77 0.00	105.42 -2.71 0.00	156.64 -2.07 0.00	332.02 -3.02 0.00	167.90 -1.42 0.00	149.21 -0.73 0.00	147.72 -1.14 0.00	135.38 -1.49 0.00	137.95 -1.65 0.00
NEG NORTH___ALICE_FALLS 23915	85.52 -2.01 60.36	-2.21 -2.11 139.21	-13.23 -1.72 136.68	98.47 -1.93 32.99	2.29 -2.12 126.62	133.53 -2.11 8.57	-33.86 0.90 200.75	-44.70 5.46 250.34	-14.07 2.12 179.62	119.50 -1.08 0.00	136.90 -1.74 0.00	134.35 -0.66 0.00	123.76 -1.15 0.00	112.81 -1.08 0.00	67.87 -0.54 0.00	79.20 -0.36 0.00	106.96 -1.17 0.00	158.38 -0.33 0.00	335.58 0.54 0.00	169.94 0.63 0.00	151.31 1.37 0.00	149.93 1.07 0.00	137.24 0.38 0.00	139.77 0.16 0.00
NEG NORTH___LWR_SARANAC 23913	85.52 -2.01 60.36	-2.21 -2.11 139.21	-13.23 -1.72 136.68	98.47 -1.93 32.99	2.29 -2.12 126.62	133.53 -2.11 8.57	-33.86 0.90 200.75	-44.70 5.46 250.34	-14.07 2.12 179.62	119.50 -1.08 0.00	136.90 -1.74 0.00	134.35 -0.66 0.00	123.76 -1.15 0.00	112.81 -1.08 0.00	67.87 -0.54 0.00	79.20 -0.36 0.00	106.96 -1.17 0.00	158.38 -0.33 0.00	335.58 0.54 0.00	169.94 0.63 0.00	151.31 1.37 0.00	149.93 1.07 0.00	137.24 0.38 0.00	139.77 0.16 0.00
NEG NORTH___PLATTSBURG 23628	85.52 -2.01 60.36	-2.21 -2.12 139.21	-13.24 -1.73 136.68	98.47 -1.93 32.99	2.26 -2.14 126.62	133.53 -2.11 8.57	-33.86 0.90 200.75	-44.74 5.42 250.34	-14.09 2.10 179.62	119.50 -1.08 0.00	136.90 -1.73 0.00	134.34 -0.67 0.00	123.76 -1.16 0.00	112.81 -1.08 0.00	67.87 -0.54 0.00	79.21 -0.36 0.00	106.96 -1.16 0.00	158.38 -0.33 0.00	335.58 0.54 0.00	169.94 0.63 0.00	151.31 1.37 0.00	149.93 1.08 0.00	137.24 0.38 0.00	139.77 0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	132.75 -15.14 0.00	124.57 -14.53 0.00	111.45 -13.73 0.00	120.08 -13.31 0.00	118.97 -12.05 0.00	134.61 -9.60 0.00	150.35 -15.65 0.00	178.79 -21.38 0.00	148.19 -15.24 0.00	109.46 -11.12 0.00	122.74 -13.47 2.43	122.74 -12.27 0.00	113.53 -11.38 0.00	103.29 -10.60 0.00	62.33 -6.08 0.00	72.70 -6.86 0.00	97.48 -10.65 0.00	142.27 -16.44 0.00	301.76 -33.28 0.00	154.50 -14.81 0.00	135.32 -14.62 0.00	133.88 -14.98 0.00	122.85 -14.02 0.00	126.43 -13.17 0.00
NEG WEST___LANCASTR 23811	141.17 -6.72 0.00	132.64 -6.47 0.00	118.78 -6.39 0.00	127.94 -5.45 0.00	126.45 -4.57 0.00	142.77 -1.43 0.00	160.81 -5.19 0.00	191.75 -8.42 0.00	158.95 -4.48 0.00	117.32 -3.25 0.00	131.78 -4.37 2.49	131.59 -3.43 0.00	122.00 -2.91 0.00	111.01 -2.88 0.00	66.78 -1.64 0.00	77.84 -1.72 0.00	104.92 -3.21 0.00	152.95 -5.76 0.00	324.03 -11.01 0.00	165.82 -3.49 0.00	145.17 -4.77 0.00	143.87 -4.99 0.00	131.92 -4.95 0.00	135.47 -4.14 0.00
NEG_PENN_ALLEGHNY 23528	146.61 -1.29 0.00	137.87 -1.24 0.00	123.79 -1.39 0.00	132.49 -0.90 0.00	130.23 -0.80 0.00	144.45 0.24 0.00	165.43 -0.56 0.00	198.91 -1.27 0.00	168.40 -0.09 -5.06	121.08 0.51 0.00	138.15 0.61 1.10	135.74 0.72 0.00	125.90 0.99 0.00	114.65 0.76 0.00	68.67 0.25 0.00	79.91 0.35 0.00	108.82 0.68 0.00	159.06 0.35 0.00	335.66 0.62 0.00	170.21 0.89 0.00	149.96 0.02 0.00	148.95 0.10 0.00	136.61 -0.25 0.00	139.33 -0.28 0.00
NEG___GEN_MONROE 24207	140.03 -7.86 0.00	131.43 -7.68 0.00	117.81 -7.36 0.00	126.50 -6.90 0.00	125.03 -5.99 0.00	140.48 -3.72 0.00	159.37 -6.63 0.00	190.61 -9.57 0.00	157.22 -6.22 0.00	116.18 -4.40 0.00	131.63 -5.69 1.32	130.01 -5.01 0.00	120.24 -4.68 0.00	109.39 -4.51 0.00	65.87 -2.54 0.00	76.73 -2.83 0.00	103.59 -4.54 0.00	151.92 -6.79 0.00	322.07 -12.97 0.00	163.99 -5.32 0.00	143.93 -6.01 0.00	142.24 -6.61 0.00	130.25 -6.61 0.00	133.28 -6.33 0.00

NEPA__ENERGY 23901	136.93 -10.97 0.00	128.96 -10.15 0.00	115.50 -9.67 0.00	124.52 -8.87 0.00	122.88 -8.14 0.00	138.75 -5.46 0.00	156.62 -9.37 0.00	186.95 -13.22 0.00	154.34 -9.09 0.00	114.64 -5.93 0.00	128.72 -7.42 2.49	128.71 -6.31 0.00	119.47 -5.44 0.00	108.66 -5.23 0.00	65.05 -3.36 0.00	75.80 -3.76 0.00	102.75 -5.38 0.00	149.92 -8.79 0.00	317.47 -17.57 0.00	162.12 -7.20 0.00	141.74 -8.19 0.00	140.74 -8.12 0.00	128.97 -7.90 0.00	132.19 -7.42 0.00
NEVERSink__HYD 23608	156.55 8.66 0.00	147.15 8.05 0.00	132.45 7.27 0.00	141.19 7.80 0.00	138.55 7.53 0.00	152.36 8.15 0.00	175.56 9.57 0.00	211.18 11.01 0.00	172.96 9.52 0.00	128.09 7.51 0.00	148.09 9.45 0.00	143.80 8.78 0.00	133.22 8.31 0.00	121.57 7.68 0.00	73.02 4.61 0.00	85.05 5.49 0.00	115.86 7.73 0.00	169.16 10.45 0.00	356.53 21.49 0.00	180.13 10.82 0.00	159.33 9.39 0.00	158.25 9.39 0.00	145.66 8.80 0.00	148.30 8.69 0.00
NEWKRMKL_115KV_TB1 55635	152.62 4.72 0.00	143.24 4.13 0.00	128.93 3.75 0.00	137.40 4.01 0.00	134.68 3.66 0.00	147.54 3.33 0.00	169.76 3.76 0.00	203.70 3.52 0.00	166.63 3.20 0.00	123.64 3.06 0.00	142.66 4.03 0.00	138.67 3.65 0.00	128.77 3.86 0.00	117.89 4.00 0.00	70.91 2.50 0.00	82.43 2.87 0.00	111.77 3.64 0.00	162.95 4.24 0.00	343.42 8.38 0.00	173.16 3.85 0.00	153.57 3.63 0.00	152.72 3.86 0.00	140.77 3.91 0.00	144.00 4.39 0.00
NEWTON__FALLS_HYD 23847	157.12 2.35 -6.88	156.69 1.71 -15.87	142.11 1.35 -15.58	138.61 1.46 -3.76	147.14 1.69 -14.43	146.87 1.69 -0.98	649.94 5.25 -478.70	805.29 8.16 -596.95	597.52 5.76 -428.33	121.90 1.33 0.00	138.34 -0.29 0.00	135.05 0.04 0.00	124.51 -0.40 0.00	113.09 -0.80 0.00	66.94 -1.47 0.00	77.28 -2.28 0.00	105.79 -2.34 0.00	158.74 0.02 0.00	339.11 4.07 0.00	172.07 2.76 0.00	152.05 2.11 0.00	151.02 2.17 0.00	139.08 2.22 0.00	142.22 2.61 0.00
NGRID_A1_DSASP 323792	130.66 -17.23 0.00	122.62 -16.48 0.00	109.75 -15.42 0.00	118.25 -15.15 0.00	117.30 -13.73 0.00	132.95 -11.26 0.00	149.08 -16.91 0.00	177.06 -23.12 0.00	131.13 -16.11 16.19	108.30 -12.27 0.00	121.73 -14.91 2.00	121.35 -13.67 0.00	112.16 -12.76 0.00	102.01 -11.88 0.00	61.67 -6.74 0.00	71.93 -7.64 0.00	96.38 -11.75 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.82 -16.48 0.00	133.76 -16.18 0.00	132.24 -16.62 0.00	121.38 -15.48 0.00	125.04 -14.57 0.00
NGRID_A2_DSASP 323793	130.66 -17.23 0.00	122.62 -16.48 0.00	109.75 -15.42 0.00	118.25 -15.15 0.00	117.30 -13.73 0.00	132.95 -11.26 0.00	149.08 -16.91 0.00	177.06 -23.12 0.00	131.13 -16.11 16.19	108.30 -12.27 0.00	121.73 -14.91 2.00	121.35 -13.67 0.00	112.16 -12.76 0.00	102.01 -11.88 0.00	61.67 -6.74 0.00	71.93 -7.64 0.00	96.38 -11.75 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.82 -16.48 0.00	133.76 -16.18 0.00	132.24 -16.62 0.00	121.38 -15.48 0.00	125.04 -14.57 0.00
NGRID_A4_DSASP 323807	130.66 -17.23 0.00	122.62 -16.48 0.00	109.75 -15.42 0.00	118.25 -15.15 0.00	117.30 -13.73 0.00	132.95 -11.26 0.00	149.08 -16.91 0.00	177.06 -23.12 0.00	131.13 -16.11 16.19	108.30 -12.27 0.00	121.73 -14.91 2.00	121.35 -13.67 0.00	112.16 -12.76 0.00	102.01 -11.88 0.00	61.67 -6.74 0.00	71.93 -7.64 0.00	96.38 -11.75 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.82 -16.48 0.00	133.76 -16.18 0.00	132.24 -16.62 0.00	121.38 -15.48 0.00	125.04 -14.57 0.00
NIAGARA_115E_LBMP 323715	131.43 -16.46 0.00	123.27 -15.83 0.00	110.35 -14.82 0.00	118.88 -14.51 0.00	117.88 -13.15 0.00	133.61 -10.60 0.00	148.90 -17.10 0.00	176.87 -23.30 0.00	130.68 -16.92 15.84	108.37 -12.20 0.00	121.94 -14.72 1.97	121.55 -13.46 0.00	112.41 -12.51 0.00	102.30 -11.59 0.00	61.78 -6.63 0.00	72.03 -7.53 0.00	96.39 -11.74 0.00	140.59 -18.12 0.00	298.13 -36.91 0.00	152.68 -16.63 0.00	133.76 -16.18 0.00	132.41 -16.44 0.00	121.59 -15.27 0.00	125.40 -14.21 0.00
NIAGARA_115W_LBMP 323714	130.46 -17.44 0.00	122.47 -16.64 0.00	109.56 -15.62 0.00	118.08 -15.31 0.00	117.09 -13.93 0.00	132.75 -11.45 0.00	148.81 -17.18 0.00	176.76 -23.42 0.00	130.94 -16.31 16.18	108.12 -12.45 0.00	121.55 -15.09 1.99	121.11 -13.90 0.00	112.01 -12.90 0.00	101.87 -12.02 0.00	61.57 -6.84 0.00	71.82 -7.75 0.00	96.19 -11.94 0.00	140.44 -18.27 0.00	297.82 -37.22 0.00	152.56 -16.75 0.00	133.55 -16.39 0.00	132.03 -16.83 0.00	121.20 -15.67 0.00	124.86 -14.74 0.00
NIAGARA_230_LBMP 323716	132.11 -15.78 0.00	124.05 -15.06 0.00	111.06 -14.11 0.00	119.64 -13.75 0.00	118.59 -12.43 0.00	134.29 -9.91 0.00	150.59 -15.40 0.00	178.94 -21.23 0.00	132.27 -15.10 16.07	109.45 -11.13 0.00	123.07 -13.60 1.97	122.65 -12.36 0.00	113.44 -11.48 0.00	103.19 -10.70 0.00	62.32 -6.09 0.00	72.65 -6.91 0.00	97.46 -10.67 0.00	142.31 -16.41 0.00	301.79 -33.26 0.00	154.48 -14.84 0.00	135.22 -14.72 0.00	133.72 -15.14 0.00	122.79 -14.08 0.00	126.47 -13.14 0.00
NIAGARA__115KV_198_GIBSON 55903	130.47 -17.42 0.00	122.44 -16.67 0.00	109.56 -15.61 0.00	118.08 -15.31 0.00	117.08 -13.94 0.00	132.75 -11.45 0.00	148.87 -17.13 0.00	176.87 -23.30 0.00	147.11 -16.33 0.00	108.11 -12.46 0.00	121.57 -15.07 1.99	121.08 -13.94 0.00	112.00 -12.91 0.00	101.82 -12.07 0.00	61.53 -6.88 0.00	71.78 -7.78 0.00	96.18 -11.95 0.00	140.46 -18.25 0.00	297.79 -37.25 0.00	152.56 -16.76 0.00	133.55 -16.39 0.00	132.04 -16.82 0.00	121.22 -15.64 0.00	124.82 -14.79 0.00
NIAGARA____ 23760	132.11 -15.78 0.00	124.05 -15.06 0.00	111.06 -14.11 0.00	119.64 -13.75 0.00	118.59 -12.43 0.00	134.29 -9.91 0.00	150.59 -15.40 0.00	178.94 -21.23 0.00	132.33 -15.10 16.00	109.45 -11.13 0.00	123.07 -13.60 1.97	122.65 -12.36 0.00	113.44 -11.48 0.00	103.19 -10.70 0.00	62.32 -6.09 0.00	72.65 -6.91 0.00	97.46 -10.67 0.00	142.31 -16.41 0.00	301.79 -33.26 0.00	154.48 -14.84 0.00	135.22 -14.72 0.00	133.72 -15.14 0.00	122.79 -14.08 0.00	126.47 -13.14 0.00
NINE_MILE_1 23575	141.36 -6.54 0.00	132.85 -6.26 0.00	119.44 -5.73 0.00	127.54 -5.86 0.00	125.44 -5.58 0.00	138.61 -5.60 0.00	159.19 -6.81 0.00	191.56 -8.62 0.00	156.85 -6.58 0.00	115.90 -4.67 0.00	133.22 -5.42 0.00	129.77 -5.24 0.00	120.09 -4.82 0.00	109.48 -4.41 0.00	65.80 -2.61 0.00	76.49 -3.07 0.00	103.97 -4.16 0.00	152.44 -6.27 0.00	322.01 -13.02 0.00	163.00 -6.31 0.00	143.92 -6.02 0.00	142.77 -6.08 0.00	131.14 -5.72 0.00	133.78 -5.82 0.00
NINE_MILE_2 23744	141.38 -6.51 0.00	132.86 -6.24 0.00	119.46 -5.72 0.00	127.54 -5.86 0.00	125.45 -5.57 0.00	138.61 -5.60 0.00	159.20 -6.80 0.00	191.56 -8.62 0.00	156.85 -6.58 0.00	115.90 -4.67 0.00	133.22 -5.42 0.00	129.79 -5.22 0.00	120.10 -4.81 0.00	109.49 -4.40 0.00	65.81 -2.61 0.00	76.49 -3.07 0.00	103.97 -4.16 0.00	152.46 -6.26 0.00	322.01 -13.02 0.00	163.00 -6.31 0.00	143.92 -6.02 0.00	142.77 -6.08 0.00	131.14 -5.72 0.00	133.78 -5.82 0.00
NM_CAPITAL__DRP 24208	152.94 5.04 0.00	143.49 4.38 0.00	129.14 3.97 0.00	137.62 4.23 0.00	134.93 3.91 0.00	147.84 3.63 0.00	170.06 4.07 0.00	204.03 3.85 0.00	166.84 3.41 0.00	123.90 3.33 0.00	142.96 4.32 0.00	138.88 3.87 0.00	128.99 4.08 0.00	118.07 4.18 0.00	71.02 2.61 0.00	82.57 3.00 0.00	112.02 3.89 0.00	163.17 4.46 0.00	343.87 8.82 0.00	173.37 4.06 0.00	153.84 3.90 0.00	153.02 4.16 0.00	141.05 4.18 0.00	144.29 4.68 0.00

NM_CENTRAL___DRP 24181	144.17 -3.73 0.00	135.40 -3.71 0.00	121.68 -3.50 0.00	130.04 -3.36 0.00	127.96 -3.07 0.00	141.68 -2.52 0.00	186.66 -3.31 -23.98	225.54 -4.54 -29.90	181.84 -3.05 -21.45	118.71 -1.87 0.00	136.45 -2.19 0.00	132.91 -2.11 0.00	122.96 -1.96 0.00	112.07 -1.82 0.00	67.29 -1.12 0.00	78.25 -1.31 0.00	106.44 -1.69 0.00	156.04 -2.67 0.00	329.86 -5.18 0.00	167.00 -2.31 0.00	147.19 -2.75 0.00	145.98 -2.88 0.00	133.98 -2.89 0.00	136.56 -3.04 0.00
NM_FRONTIER___DRP 24179	130.47 -17.42 0.00	122.44 -16.67 0.00	109.56 -15.61 0.00	118.08 -15.31 0.00	117.08 -13.94 0.00	132.75 -11.45 0.00	148.87 -17.13 0.00	176.87 -23.30 0.00	147.11 -16.33 0.00	108.11 -12.46 0.00	121.57 -15.07 1.99	121.08 -13.94 0.00	112.00 -12.91 0.00	101.82 -12.07 0.00	61.53 -6.88 0.00	71.78 -7.78 0.00	96.18 -11.95 0.00	140.46 -18.25 0.00	297.79 -37.25 0.00	152.56 -16.76 0.00	133.55 -16.39 0.00	132.04 -16.82 0.00	121.22 -15.64 0.00	124.82 -14.79 0.00
NM_ST_REGIS___HYD 24053	164.13 -0.54 -16.77	177.23 -0.55 -38.68	162.49 -0.66 -37.97	141.59 -0.97 -9.17	165.37 -0.83 -35.18	145.50 -1.09 -2.38	984.69 3.16 -815.54	1224.06 6.88 -1017.00	896.87 3.72 -729.72	119.27 -1.31 0.00	135.31 -3.33 0.00	132.73 -2.29 0.00	122.22 -2.70 0.00	110.65 -3.24 0.00	66.17 -2.24 0.00	76.78 -2.78 0.00	104.13 -4.00 0.00	155.76 -2.96 0.00	331.08 -3.96 0.00	167.81 -1.50 0.00	148.93 -1.01 0.00	147.79 -1.07 0.00	135.81 -1.05 0.00	138.91 -0.70 0.00
NORTHPORT___1 23551	157.90 10.01 0.00	149.98 10.87 0.00	144.18 10.72 -8.28	144.29 10.90 0.00	141.22 10.20 0.00	154.41 10.20 0.00	176.15 10.16 0.00	211.76 11.58 0.00	173.45 10.02 0.00	130.07 9.49 0.00	150.34 11.71 0.00	146.28 11.26 0.00	137.17 12.25 0.00	142.07 11.51 -16.67	144.18 7.30 -68.47	136.29 8.33 -48.40	139.86 11.05 -20.68	171.73 13.02 0.00	359.81 24.77 0.00	182.21 12.90 0.00	162.02 12.08 0.00	160.97 12.11 0.00	149.44 12.57 0.00	152.04 12.43 0.00
NORTHPORT___2 23552	157.90 10.01 0.00	149.98 10.87 0.00	144.18 10.72 -8.28	144.29 10.90 0.00	141.22 10.20 0.00	154.41 10.20 0.00	176.15 10.16 0.00	211.76 11.58 0.00	173.45 10.02 0.00	130.07 9.49 0.00	150.34 11.71 0.00	146.28 11.26 0.00	137.17 12.25 0.00	142.07 11.51 -16.67	144.18 7.30 -68.47	136.29 8.33 -48.40	139.86 11.05 -20.68	171.73 13.02 0.00	359.81 24.77 0.00	182.21 12.90 0.00	162.02 12.08 0.00	160.97 12.11 0.00	149.44 12.57 0.00	152.04 12.43 0.00
NORTHPORT___3 23553	155.86 7.97 0.00	147.90 8.79 0.00	142.14 8.69 -8.28	142.22 8.83 0.00	139.26 8.23 0.00	152.04 7.84 0.00	173.62 7.62 0.00	208.61 8.43 0.00	170.90 7.47 0.00	128.21 7.64 0.00	148.41 9.77 0.00	144.23 9.22 0.00	135.10 10.19 0.00	140.29 9.73 -16.67	143.06 6.18 -68.47	135.04 7.08 -48.40	138.29 9.48 -20.68	169.36 10.65 0.00	353.55 18.52 0.01	178.66 9.35 0.01	158.73 8.80 0.01	157.79 8.94 0.01	146.39 9.53 0.00	149.32 9.71 0.00
NORTHPORT___4 23650	155.86 7.97 0.00	147.90 8.79 0.00	142.14 8.69 -8.28	142.22 8.83 0.00	139.26 8.23 0.00	152.04 7.84 0.00	173.62 7.62 0.00	208.61 8.43 0.00	170.90 7.47 0.00	128.21 7.64 0.00	148.41 9.77 0.00	144.23 9.22 0.00	135.10 10.19 0.00	140.29 9.73 -16.67	143.06 6.18 -68.47	135.04 7.08 -48.40	138.29 9.48 -20.68	169.36 10.65 0.00	353.55 18.52 0.01	178.66 9.35 0.01	158.73 8.80 0.01	157.79 8.94 0.01	146.39 9.53 0.00	149.32 9.71 0.00
NORTHPORT___IC 23718	157.88 9.98 0.00	150.02 10.91 0.00	144.16 10.70 -8.28	144.29 10.90 0.00	141.23 10.20 0.00	154.39 10.19 0.00	176.14 10.15 0.00	211.73 11.55 0.00	173.45 10.02 0.00	130.07 9.49 0.00	150.35 11.72 0.00	146.29 11.28 0.00	137.18 12.26 0.00	142.07 11.51 -16.67	144.18 7.30 -68.47	136.29 8.33 -48.40	139.86 11.05 -20.68	171.75 13.03 0.00	359.81 24.77 0.00	182.25 12.94 0.00	162.03 12.09 0.00	160.96 12.10 0.00	149.44 12.57 0.00	152.06 12.45 0.00
NORTH___COUNTRY_ESR 323785	79.74 -4.30 63.85	-12.28 -4.14 147.25	-23.25 -3.85 144.58	94.25 -4.25 34.90	-7.15 -4.24 133.93	130.56 -4.58 9.06	-96.69 -1.60 261.09	-123.01 2.41 325.59	-70.69 -0.51 233.62	117.47 -3.10 0.00	134.62 -4.02 0.00	132.14 -2.87 0.00	121.63 -3.29 0.00	110.75 -3.14 0.00	66.68 -1.73 0.00	77.77 -1.79 0.00	105.23 -2.91 0.00	156.12 -2.59 0.00	330.71 -4.33 0.00	167.22 -2.08 0.00	148.54 -1.40 0.00	147.03 -1.82 0.00	134.84 -2.03 0.00	137.38 -2.23 0.00
NPX_GEN_1385_PROXY 323591	156.77 8.87 0.00	149.50 10.39 0.00	143.88 10.43 -8.28	142.71 9.32 0.00	138.15 8.36 1.23	154.47 9.82 -0.44	176.13 10.13 0.00	212.31 12.13 0.00	173.69 10.26 0.00	129.90 9.32 0.00	149.16 10.52 0.00	145.32 10.31 0.00	136.06 11.15 -16.67	140.75 10.19 -16.67	144.02 7.14 -68.47	135.64 7.69 -48.40	135.52 9.31 -18.08	149.68 9.50 18.53	328.45 17.23 23.82	178.71 9.40 0.00	162.62 9.56 -3.11	158.20 9.34 0.00	147.86 11.00 0.00	151.65 12.05 0.00
NPX_GEN_CSC 323557	160.00 12.10 0.00	152.71 13.60 0.00	146.40 12.95 -8.28	146.79 13.40 0.00	142.57 12.79 1.23	157.92 13.28 -0.44	179.87 13.87 0.00	216.01 15.84 0.00	176.35 12.92 0.00	131.67 11.09 0.00	152.02 13.39 0.00	147.91 12.89 0.00	138.29 13.38 0.00	143.34 12.78 -16.67	145.16 8.28 -68.47	137.59 9.63 -48.40	139.26 13.06 -18.08	178.35 17.04 -2.60	369.17 34.13 0.00	186.46 17.15 0.00	168.48 15.42 -3.11	163.98 15.12 0.00	151.89 15.02 0.00	154.35 14.74 0.00
NSINS_S___GLNS_FALLS 23858	161.42 13.53 0.00	151.00 11.89 0.00	135.85 10.67 0.00	145.04 11.65 0.00	142.54 11.52 0.00	157.22 13.01 0.00	181.67 15.68 0.00	218.57 18.39 0.00	177.75 14.31 0.00	131.60 11.02 0.00	151.20 12.56 0.00	146.68 11.66 0.00	135.53 10.62 0.00	123.35 9.46 0.00	73.44 5.03 0.00	85.33 5.77 0.00	116.84 8.71 0.00	170.96 12.24 0.00	360.56 25.52 0.00	181.69 12.38 0.00	160.64 10.70 0.00	159.75 10.90 0.00	146.75 9.89 0.00	151.98 12.37 0.00
NUCOR_STEEL___DRP 24197	146.29 -1.60 0.00	137.52 -1.59 0.00	123.54 -1.64 0.00	132.12 -1.27 0.00	130.05 -0.97 0.00	144.20 0.00 0.00	183.51 -0.48 -17.99	221.36 -1.25 -22.43	179.22 -0.31 -16.10	120.64 0.07 0.00	139.46 -0.08 -0.91	134.95 -0.07 0.00	124.89 -0.02 0.00	113.89 0.00 0.00	68.41 0.00 0.00	79.32 -0.24 0.00	107.71 -0.42 0.00	158.78 0.06 0.00	335.49 0.46 0.00	169.90 0.59 0.00	149.17 -0.78 0.00	147.79 -1.07 0.00	136.02 -0.84 0.00	138.12 -1.49 0.00
NUMBER_THREE_WT_PWR 323818	156.73 5.76 -3.08	150.66 4.45 -7.10	136.10 3.96 -6.97	139.52 4.44 -1.68	142.23 4.75 -6.46	150.14 5.50 -0.44	389.32 8.33 -215.00	479.39 11.11 -268.11	364.78 8.98 -192.37	125.73 5.16 0.00	142.79 4.16 0.00	138.90 3.89 0.00	128.18 3.26 0.00	116.85 2.96 0.00	68.43 0.02 0.00	78.92 -0.65 0.00	108.87 0.73 0.00	163.55 4.84 0.00	350.57 15.53 0.00	178.15 8.83 0.00	156.94 7.00 0.00	155.50 6.64 0.00	143.27 6.40 0.00	146.32 6.71 0.00
NYISO_LBMP_REFERENCE 24008	147.89 0.00 0.00	139.11 0.00 0.00	125.17 0.00 0.00	133.39 0.00 0.00	131.02 0.00 0.00	144.21 0.00 0.00	166.00 0.00 0.00	200.18 0.00 0.00	163.43 0.00 0.00	120.57 0.00 0.00	138.64 0.00 0.00	135.02 0.00 0.00	124.91 0.00 0.00	113.89 0.00 0.00	68.41 0.00 0.00	79.56 0.00 0.00	108.13 0.00 0.00	158.71 0.00 0.00	335.04 0.00 0.00	169.31 0.00 0.00	149.94 0.00 0.00	148.86 0.00 0.00	136.86 0.00 0.00	139.61 0.00 0.00

NYPA_BRENTWD____GT 24164	159.82 11.92 0.00	151.65 12.54 0.00	145.46 12.01 -8.28	145.72 12.33 0.00	142.75 11.72 0.00	156.25 12.04 0.00	178.60 12.61 0.00	214.75 14.57 0.00	175.65 12.21 0.00	131.37 10.79 0.00	151.93 13.29 0.00	147.76 12.75 0.00	138.24 13.32 0.00	143.11 12.56 -16.67	144.88 8.00 -68.47	137.20 9.25 -48.40	141.26 12.45 -20.68	174.42 15.70 0.00	365.84 30.79 0.00	184.88 15.57 0.00	164.15 14.21 0.00	162.92 14.06 0.00	150.91 14.05 0.00	153.47 13.87 0.00
NYPA_GOWANUS____GT5 24156	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NYPA_GOWANUS____GT6 24157	159.06 11.16 0.00	149.50 10.39 0.00	134.60 9.43 0.00	143.23 9.84 0.00	140.37 9.35 0.00	153.54 9.34 0.00	209.15 10.85 -32.31	367.92 12.62 -155.13	446.76 12.16 -271.17	527.17 10.02 -396.57	509.05 13.50 -356.91	397.11 12.78 -249.32	368.53 12.11 -231.51	953.20 11.00 -828.31	615.78 6.57 -540.81	665.51 7.63 -578.32	573.32 9.96 -455.23	189.28 12.82 -17.74	360.39 25.35 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.33 10.81 -18.66	300.51 10.74 -152.91	195.70 10.85 -45.24
NYPA_HARLEM__RVR__GT1 24160	157.73 9.84 0.00	148.36 9.25 0.00	133.60 8.43 0.00	142.16 8.77 0.00	139.32 8.30 0.00	152.63 8.43 0.00	175.59 9.60 0.00	211.29 11.11 0.00	174.26 10.82 -0.01	129.71 9.12 -0.01	151.18 12.54 -0.01	146.97 11.95 -0.01	136.13 11.21 0.00	124.22 10.25 -0.08	74.71 6.21 -0.08	86.85 7.20 -0.09	117.82 9.45 -0.23	170.59 11.86 -0.02	358.20 23.16 0.00	180.87 11.56 0.00	159.91 9.96 0.00	158.94 10.08 0.00	146.80 9.80 -0.14	149.34 9.72 0.00
NYPA_HARLEM__RVR__GT2 24161	157.73 9.84 0.00	148.36 9.25 0.00	133.60 8.43 0.00	142.16 8.77 0.00	139.32 8.30 0.00	152.63 8.43 0.00	175.59 9.60 0.00	211.29 11.11 0.00	174.26 10.82 -0.01	129.71 9.12 -0.01	151.18 12.54 -0.01	146.97 11.95 -0.01	136.13 11.21 0.00	124.22 10.25 -0.08	74.71 6.21 -0.08	86.85 7.20 -0.09	117.82 9.45 -0.23	170.59 11.86 -0.02	358.20 23.16 0.00	180.87 11.56 0.00	159.91 9.96 0.00	158.94 10.08 0.00	146.80 9.80 -0.14	149.34 9.72 0.00
NYPA_KENT____GT 24152	158.79 10.90 0.00	149.31 10.20 0.00	134.39 9.22 0.00	143.08 9.68 0.00	140.18 9.16 0.00	153.36 9.16 0.00	196.03 10.53 -19.50	306.09 12.27 -93.64	324.67 11.82 -149.42	258.65 9.78 -128.29	224.21 13.27 -72.31	249.07 12.62 -101.43	159.72 11.98 -22.82	260.65 10.90 -135.86	217.63 6.50 -142.71	422.61 7.57 -335.47	391.34 9.92 -273.29	190.79 12.60 -19.47	359.78 24.73 0.00	181.44 12.12 0.00	160.41 10.47 0.00	170.68 10.56 -11.26	306.01 10.54 -158.61	180.36 10.62 -30.14
NYPA_POUCH1____GT 24155	158.40 10.51 0.00	148.94 9.83 0.00	134.12 8.94 0.00	142.71 9.32 0.00	139.89 8.86 0.00	152.93 8.72 0.00	208.49 10.19 -32.31	367.14 11.83 -155.13	412.51 11.48 -237.59	315.27 9.47 -185.23	237.21 12.89 -85.69	293.28 12.09 -146.18	146.10 11.51 -9.68	125.34 10.41 -1.04	118.23 6.21 -43.61	-355.10 7.23 441.89	-73.88 9.53 191.54	188.97 12.51 -17.74	359.89 24.85 0.00	181.55 12.24 0.00	160.47 10.53 0.00	178.12 10.61 -18.66	300.24 10.47 -152.91	195.37 10.52 -45.24
NYPA_VERNON____GT2 24162	158.60 10.71 0.00	149.07 9.96 0.00	134.24 9.06 0.00	142.86 9.47 0.00	140.03 9.01 0.00	153.31 9.11 0.00	183.07 10.38 -6.70	244.38 12.05 -32.15	232.77 11.66 -57.68	179.12 9.66 -48.89	181.81 13.09 -30.08	191.26 12.49 -43.75	149.15 11.85 -12.38	245.14 10.78 -120.47	196.60 6.53 -121.66	276.53 7.56 -189.41	398.12 9.96 -280.03	192.46 12.55 -21.20	359.52 24.48 0.00	181.33 12.02 0.00	160.28 10.34 0.00	163.13 10.41 -3.87	311.65 10.48 -164.31	165.16 10.51 -15.04
NYPA_VERNON____GT3 24163	158.60 10.71 0.00	149.07 9.96 0.00	134.24 9.06 0.00	142.86 9.47 0.00	140.03 9.01 0.00	153.31 9.11 0.00	183.07 10.38 -6.70	244.38 12.05 -32.15	232.77 11.66 -57.68	179.12 9.66 -48.89	181.81 13.09 -30.08	191.26 12.49 -43.75	149.15 11.85 -12.38	245.14 10.78 -120.47	196.60 6.53 -121.66	276.53 7.56 -189.41	398.12 9.96 -280.03	192.46 12.55 -21.20	359.52 24.48 0.00	181.33 12.02 0.00	160.28 10.34 0.00	163.13 10.41 -3.87	311.65 10.48 -164.31	165.16 10.51 -15.04
NYPA__ASTORIA_CC1 323568	158.43 10.53 0.00	148.92 9.81 0.00	134.12 8.94 0.00	142.71 9.32 0.00	139.88 8.86 0.00	153.15 8.94 0.00	176.17 10.17 0.00	212.01 11.83 0.00	182.40 11.41 -7.55	134.53 9.50 -4.46	156.09 12.90 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.84 -228.08	188.74 12.29 -17.74	358.96 23.92 0.00	181.06 11.75 0.00	160.07 10.13 0.00	159.07 10.21 0.00	281.37 10.30 -134.21	155.69 10.35 -5.73
NYPA__ASTORIA_CC2 323569	158.43 10.53 0.00	148.92 9.81 0.00	134.12 8.94 0.00	142.71 9.32 0.00	139.88 8.86 0.00	153.15 8.94 0.00	176.17 10.17 0.00	212.01 11.83 0.00	182.40 11.41 -7.55	134.53 9.50 -4.46	156.09 12.90 -4.56	157.51 12.29 -10.20	140.58 11.63 -4.04	209.50 10.61 -85.00	160.73 6.44 -85.88	176.98 7.47 -89.96	346.05 9.84 -228.08	188.74 12.29 -17.74	358.96 23.92 0.00	181.06 11.75 0.00	160.07 10.13 0.00	159.07 10.21 0.00	281.37 10.30 -134.21	155.69 10.35 -5.73
NYPA__HOLTSVILL 23794	158.67 10.77 0.00	150.82 11.71 0.00	144.70 11.25 -8.28	144.95 11.56 0.00	141.97 10.94 0.00	155.30 11.09 0.00	177.39 11.39 0.00	213.16 12.99 0.00	174.26 10.82 0.00	130.29 9.71 0.00	150.66 12.03 0.00	146.67 11.65 0.00	137.26 12.35 0.00	142.30 11.74 -16.67	144.38 7.50 -68.47	136.59 8.64 -48.40	140.36 11.56 -20.68	173.24 14.53 0.00	363.47 28.44 0.00	183.66 14.35 0.00	162.99 13.04 0.00	161.76 12.90 0.00	149.90 13.04 0.00	152.47 12.87 0.00
NYPA__HELLGATE_GT1 24158	157.73 9.84 0.00	148.36 9.25 0.00	133.60 8.43 0.00	142.16 8.77 0.00	139.32 8.30 0.00	152.63 8.43 0.00	175.59 9.60 0.00	211.29 11.11 0.00	174.26 10.82 -0.01	129.71 9.12 -0.01	151.18 12.54 -0.01	146.97 11.95 -0.01	136.13 11.21 0.00	124.22 10.25 -0.08	74.71 6.21 -0.08	86.85 7.20 -0.09	117.82 9.45 -0.23	170.59 11.86 -0.02	358.20 23.16 0.00	180.87 11.56 0.00	159.91 9.96 0.00	158.94 10.08 0.00	146.80 9.80 -0.14	149.34 9.72 0.00
NYPA__HELLGATE_GT2 24159	157.73 9.84 0.00	148.36 9.25 0.00	133.60 8.43 0.00	142.16 8.77 0.00	139.32 8.30 0.00	152.63 8.43 0.00	175.59 9.60 0.00	211.29 11.11 0.00	174.26 10.82 -0.01	129.71 9.12 -0.01	151.18 12.54 -0.01	146.97 11.95 -0.01	136.13 11.21 0.00	124.22 10.25 -0.08	74.71 6.21 -0.08	86.85 7.20 -0.09	117.82 9.45 -0.23	170.59 11.86 -0.02	358.20 23.16 0.00	180.87 11.56 0.00	159.91 9.96 0.00	158.94 10.08 0.00	146.80 9.80 -0.14	149.34 9.72 0.00
NYS_BARGE__HYD 23848	133.21 -14.68 0.00	124.98 -14.13 0.00	111.84 -13.33 0.00	120.48 -12.91 0.00	119.38 -11.65 0.00	135.16 -9.05 0.00	150.96 -15.04 0.00	179.49 -20.68 0.00	134.20 -14.68 14.55	109.95 -10.63 0.00	123.91 -12.90 1.82	123.33 -11.69 0.00	114.04 -10.87 0.00	103.77 -10.11 0.00	62.65 -5.76 0.00	73.05 -6.51 0.00	97.87 -10.26 0.00	142.86 -15.86 0.00	303.08 -31.96 0.00	155.12 -14.19 0.00	135.82 -14.12 0.00	134.41 -14.44 0.00	123.28 -13.58 0.00	126.99 -12.62 0.00

OAK ORCHARD___HYD 24046	139.15 -8.74 0.00	130.69 -8.43 0.00	117.19 -7.98 0.00	125.72 -7.67 0.00	124.23 -6.79 0.00	139.37 -4.84 0.00	158.30 -7.69 0.00	189.35 -10.82 0.00	148.06 -7.34 8.03	115.38 -5.19 0.00	130.84 -6.50 1.29	129.24 -5.78 0.00	119.55 -5.36 0.00	108.85 -5.04 0.00	65.55 -2.86 0.00	76.35 -3.21 0.00	103.09 -5.04 0.00	151.00 -7.71 0.00	319.91 -15.13 0.00	162.79 -6.52 0.00	142.99 -6.95 0.00	141.34 -7.52 0.00	129.54 -7.33 0.00	132.54 -7.07 0.00
OAKDALE___35_KV_LOAD 356122	146.05 -1.85 0.00	137.38 -1.73 0.00	123.42 -1.75 0.00	132.08 -1.32 0.00	129.78 -1.24 0.00	143.89 -0.31 0.00	164.76 -1.24 0.00	198.06 -2.12 0.00	162.58 -0.85 0.00	120.52 -0.06 0.00	137.30 0.05 1.39	135.21 0.19 0.00	125.39 0.48 0.00	114.19 0.30 0.00	68.42 0.01 0.00	79.59 0.03 0.00	108.34 0.21 0.00	158.37 -0.34 0.00	334.17 -0.87 0.00	169.47 0.16 0.00	149.29 -0.65 0.00	148.35 -0.51 0.00	136.19 -0.67 0.00	138.91 -0.70 0.00
OCC_CHEM___DRP 24175	130.68 -17.21 0.00	122.63 -16.48 0.00	109.75 -15.43 0.00	118.25 -15.14 0.00	117.31 -13.71 0.00	132.97 -11.23 0.00	149.10 -16.89 0.00	177.17 -23.00 0.00	147.35 -16.09 0.00	108.29 -12.29 0.00	121.74 -14.90 2.00	121.29 -13.73 0.00	112.16 -12.75 0.00	102.00 -11.89 0.00	61.62 -6.80 0.00	71.89 -7.67 0.00	96.35 -11.78 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.81 -16.50 0.00	133.75 -16.19 0.00	132.25 -16.61 0.00	121.42 -15.45 0.00	125.03 -14.58 0.00
OH_GEN_PROXY 24063	132.34 -15.55 0.00	124.27 -14.84 0.00	111.24 -13.93 0.00	119.86 -13.53 0.00	117.56 -12.23 1.23	134.88 -9.76 -0.44	150.95 -15.05 0.00	179.52 -20.65 0.00	131.51 -14.67 17.25	109.78 -10.79 0.00	123.46 -13.22 1.95	123.01 -12.00 0.00	113.79 -11.13 0.00	103.47 -10.42 0.00	62.45 -5.96 0.00	72.82 -6.74 0.00	95.17 -10.36 2.60	312.73 -15.88 -169.90	302.79 -32.25 0.00	210.08 -14.33 -55.10	143.76 -14.29 -8.11	134.14 -14.72 0.00	123.08 -13.78 0.00	126.66 -12.94 0.00
OLIN_CORP_DRP 24177	131.63 -16.26 0.00	123.48 -15.63 0.00	110.52 -14.65 0.00	119.06 -14.34 0.00	118.08 -12.94 0.00	133.81 -10.39 0.00	149.33 -16.67 0.00	177.41 -22.77 0.00	146.93 -16.50 0.00	108.63 -11.94 0.00	122.19 -14.45 2.00	121.76 -13.25 0.00	112.64 -12.28 0.00	102.49 -11.40 0.00	61.86 -6.54 0.00	72.16 -7.40 0.00	96.64 -11.48 0.00	140.99 -17.73 0.00	298.99 -36.05 0.00	153.12 -16.19 0.00	134.11 -15.83 0.00	132.75 -16.11 0.00	121.89 -14.97 0.00	125.63 -13.97 0.00
OLIN_CORP_DSASP 323712	130.66 -17.23 0.00	122.62 -16.48 0.00	109.75 -15.42 0.00	118.25 -15.15 0.00	117.30 -13.73 0.00	132.95 -11.26 0.00	149.08 -16.91 0.00	177.06 -23.12 0.00	131.13 -16.11 16.19	108.30 -12.27 0.00	121.73 -14.91 2.00	121.35 -13.67 0.00	112.16 -12.76 0.00	102.01 -11.88 0.00	61.67 -6.74 0.00	71.93 -7.64 0.00	96.38 -11.75 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.82 -16.48 0.00	133.76 -16.18 0.00	132.24 -16.62 0.00	121.38 -15.48 0.00	125.04 -14.57 0.00
ONEIDA_HERK_LFGE 323681	154.48 5.11 -1.48	146.59 4.07 -3.40	132.34 3.82 -3.34	138.45 4.25 -0.81	138.59 4.47 -3.10	149.61 5.20 -0.21	276.85 6.91 -103.95	338.49 8.69 -129.63	263.62 7.17 -93.01	125.44 4.86 0.00	143.38 4.74 0.00	139.57 4.56 0.00	128.94 4.03 0.00	117.57 3.68 0.00	69.82 1.41 0.00	80.95 1.39 0.00	110.87 2.74 0.00	164.32 5.61 0.00	348.94 13.90 0.00	176.82 7.52 0.00	156.14 6.20 0.00	154.79 5.93 0.00	142.39 5.53 0.00	145.28 5.67 0.00
ONEIDA___115KV_TB4 55905	152.07 4.18 0.00	142.91 3.80 0.00	128.74 3.57 0.00	137.58 4.19 0.00	135.43 4.41 0.00	149.64 5.43 0.00	209.87 6.69 -37.18	254.37 7.82 -46.37	203.47 6.77 -33.27	125.88 5.30 0.00	144.28 5.65 0.00	140.47 5.46 0.00	129.64 4.73 0.00	118.25 4.36 0.00	70.74 2.33 0.00	82.20 2.64 0.00	112.39 4.26 0.00	165.11 6.40 0.00	349.04 14.00 0.00	176.45 7.14 0.00	155.87 5.93 0.00	154.53 5.67 0.00	141.80 4.94 0.00	144.46 4.85 0.00
ONONDAGA_REF_OCCRA 23987	145.68 -2.21 0.00	136.79 -2.32 0.00	122.90 -2.27 0.00	131.35 -2.05 0.00	129.24 -1.78 0.00	143.09 -1.12 0.00	185.78 -1.62 -21.41	224.30 -2.57 -26.70	181.19 -1.40 -19.16	119.92 -0.65 0.00	138.45 -0.83 -0.64	134.24 -0.78 0.00	124.15 -0.76 0.00	113.16 -0.73 0.00	67.93 -0.48 0.00	78.99 -0.57 0.00	107.49 -0.64 0.00	157.63 -1.08 0.00	333.41 -1.63 0.00	168.77 -0.54 0.00	148.79 -1.15 0.00	147.50 -1.35 0.00	135.36 -1.50 0.00	137.93 -1.68 0.00
ONONDAGA___COGEN 23986	145.81 -2.09 0.00	136.94 -2.17 0.00	123.05 -2.13 0.00	131.48 -1.91 0.00	129.39 -1.64 0.00	143.27 -0.94 0.00	186.78 -1.43 -22.21	225.64 -2.24 -27.70	182.10 -1.21 -19.87	120.03 -0.55 0.00	137.87 -0.77 0.00	134.29 -0.72 0.00	124.23 -0.68 0.00	113.24 -0.65 0.00	67.98 -0.43 0.00	79.05 -0.51 0.00	107.52 -0.61 0.00	157.86 -0.85 0.00	333.85 -1.19 0.00	169.04 -0.27 0.00	148.84 -1.11 0.00	147.62 -1.24 0.00	135.48 -1.39 0.00	137.94 -1.67 0.00
ONTARIO___LFGE 23819	143.38 -4.52 0.00	135.00 -4.11 0.00	120.99 -4.19 0.00	129.78 -3.61 0.00	127.92 -3.10 0.00	142.77 -1.44 0.00	163.36 -2.63 0.00	196.05 -4.13 0.00	161.34 -2.10 0.00	119.38 -1.19 0.00	133.96 -1.87 2.80	133.22 -1.80 0.00	123.34 -1.58 0.00	112.44 -1.45 0.00	67.79 -0.62 0.00	79.08 -0.48 0.00	107.27 -0.86 0.00	156.90 -1.82 0.00	332.33 -2.72 0.00	168.73 -0.58 0.00	148.14 -1.80 0.00	146.80 -2.06 0.00	133.93 -2.93 0.00	136.42 -3.19 0.00
ORANGEVILLE_WT_PWR 323706	136.77 -11.12 0.00	128.58 -10.53 0.00	114.69 -10.48 0.00	123.59 -9.79 0.00	122.50 -8.52 0.00	138.22 -5.98 0.00	156.03 -9.96 0.00	185.84 -14.34 0.00	147.73 -9.35 6.36	113.88 -6.69 0.00	126.83 -8.77 3.05	126.77 -8.24 0.00	117.50 -7.42 0.00	107.01 -6.88 0.00	64.51 -3.91 0.00	75.44 -4.12 0.00	102.02 -6.11 0.00	149.03 -9.68 0.00	316.21 -18.83 0.00	161.65 -7.66 0.00	141.92 -8.02 0.00	140.80 -8.06 0.00	129.03 -7.83 0.00	132.34 -7.26 0.00
ORANGEVILLE___ESR 323794	136.77 -11.12 0.00	128.58 -10.53 0.00	114.69 -10.48 0.00	123.59 -9.79 0.00	122.50 -8.52 0.00	138.22 -5.98 0.00	156.03 -9.96 0.00	185.84 -14.34 0.00	147.73 -9.35 6.36	113.88 -6.69 0.00	126.83 -8.77 3.05	126.77 -8.24 0.00	117.50 -7.42 0.00	107.01 -6.88 0.00	64.51 -3.91 0.00	75.44 -4.12 0.00	102.02 -6.11 0.00	149.03 -9.68 0.00	316.21 -18.83 0.00	161.65 -7.66 0.00	141.92 -8.02 0.00	140.80 -8.06 0.00	129.03 -7.83 0.00	132.34 -7.26 0.00
OSWEGATCHIE___HYD 24044	157.12 2.34 -6.88	156.69 1.72 -15.87	142.11 1.35 -15.58	138.62 1.47 -3.76	147.14 1.69 -14.43	146.87 1.69 -0.98	649.94 5.25 -478.70	805.29 8.16 -596.95	597.52 5.76 -428.33	121.91 1.33 0.00	138.35 -0.29 0.00	135.05 0.04 0.00	124.51 -0.40 0.00	113.09 -0.80 0.00	66.94 -1.47 0.00	77.28 -2.28 0.00	105.79 -2.34 0.00	158.74 0.02 0.00	339.11 4.07 0.00	172.06 2.75 0.00	152.05 2.11 0.00	151.02 2.17 0.00	139.07 2.21 0.00	142.22 2.61 0.00
OSWEGO___5 23606	142.48 -5.42 0.00	133.91 -5.20 0.00	120.36 -4.82 0.00	128.55 -4.84 0.00	126.41 -4.61 0.00	139.76 -4.45 0.00	160.49 -5.51 0.00	193.12 -7.06 0.00	158.13 -5.30 0.00	116.87 -3.70 0.00	134.32 -4.31 0.00	130.86 -4.15 0.00	121.10 -3.81 0.00	110.39 -3.50 0.00	66.34 -2.08 0.00	77.12 -2.45 0.00	104.82 -3.31 0.00	153.71 -5.00 0.00	324.64 -10.40 0.00	164.38 -4.93 0.00	145.10 -4.84 0.00	143.93 -4.92 0.00	132.21 -4.65 0.00	134.87 -4.74 0.00

OSWEGO___6 23613	142.48 -5.42 0.00	133.91 -5.20 0.00	120.36 -4.82 0.00	128.55 -4.84 0.00	126.41 -4.61 0.00	139.76 -4.45 0.00	160.49 -5.51 0.00	193.12 -7.06 0.00	158.13 -5.30 0.00	116.87 -3.70 0.00	134.32 -4.31 0.00	130.86 -4.15 0.00	121.10 -3.81 0.00	110.39 -3.50 0.00	66.34 -2.08 0.00	77.12 -2.45 0.00	104.82 -3.31 0.00	153.71 -5.00 0.00	324.64 -10.40 0.00	164.38 -4.93 0.00	145.10 -4.84 0.00	143.93 -4.92 0.00	132.21 -4.65 0.00	134.87 -4.74 0.00
OUTOKUMPU-AB___DRP 24206	134.01 -13.88 0.00	125.80 -13.31 0.00	112.51 -12.66 0.00	121.27 -12.12 0.00	120.14 -10.88 0.00	136.17 -8.04 0.00	152.65 -13.35 0.00	181.63 -18.55 0.00	150.72 -12.71 0.00	111.11 -9.46 0.00	125.00 -11.59 2.05	124.57 -10.44 0.00	115.21 -9.71 0.00	104.82 -9.07 0.00	63.23 -5.18 0.00	73.78 -5.78 0.00	98.95 -9.18 0.00	144.52 -14.19 0.00	306.65 -28.39 0.00	156.96 -12.35 0.00	137.37 -12.57 0.00	135.84 -13.02 0.00	124.58 -12.28 0.00	128.18 -11.43 0.00
OXBOW___BTM 323836	132.03 -15.86 0.00	123.91 -15.20 0.00	110.85 -14.32 0.00	119.44 -13.95 0.00	118.42 -12.61 0.00	134.27 -9.93 0.00	150.50 -15.49 0.00	178.93 -21.25 0.00	132.45 -14.76 16.23	109.25 -11.32 0.00	122.86 -13.75 2.02	122.48 -12.53 0.00	113.27 -11.64 0.00	103.01 -10.88 0.00	62.23 -6.18 0.00	72.57 -6.99 0.00	97.29 -10.84 0.00	142.06 -16.65 0.00	301.31 -33.74 0.00	154.29 -15.02 0.00	135.05 -14.89 0.00	133.50 -15.36 0.00	122.46 -14.41 0.00	126.08 -13.52 0.00
OXBOW____ 24026	132.04 -15.86 0.00	123.92 -15.19 0.00	110.86 -14.31 0.00	119.45 -13.95 0.00	118.43 -12.59 0.00	134.27 -9.94 0.00	150.57 -15.43 0.00	179.03 -21.15 0.00	148.71 -14.73 0.00	109.22 -11.36 0.00	122.89 -13.72 2.02	122.46 -12.56 0.00	113.27 -11.64 0.00	102.99 -10.89 0.00	62.19 -6.22 0.00	72.54 -7.03 0.00	97.26 -10.87 0.00	142.09 -16.62 0.00	301.31 -33.73 0.00	154.30 -15.00 0.00	135.02 -14.91 0.00	133.49 -15.36 0.00	122.48 -14.38 0.00	126.05 -13.56 0.00
OXY_CHEM_DSASP 323612	130.68 -17.21 0.00	122.63 -16.48 0.00	109.75 -15.43 0.00	118.25 -15.14 0.00	117.31 -13.71 0.00	132.97 -11.23 0.00	149.10 -16.89 0.00	177.17 -23.00 0.00	147.35 -16.09 0.00	108.29 -12.29 0.00	121.74 -14.90 2.00	121.29 -13.73 0.00	112.16 -12.75 0.00	102.00 -11.89 0.00	61.62 -6.80 0.00	71.89 -7.67 0.00	96.35 -11.78 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.81 -16.50 0.00	133.75 -16.19 0.00	132.25 -16.61 0.00	121.42 -15.45 0.00	125.03 -14.58 0.00
OZONE_PARK_ESR 323760	159.39 11.50 0.00	149.80 10.69 0.00	134.88 9.70 0.00	143.55 10.16 0.00	140.59 9.57 0.00	154.28 10.07 0.00	177.52 11.52 0.00	213.56 13.39 0.00	176.23 12.79 0.00	131.03 10.45 0.00	152.68 14.05 0.00	148.39 13.38 0.00	137.57 12.66 0.00	125.31 11.42 0.00	75.31 6.90 0.00	87.61 8.05 0.00	118.90 10.77 0.00	172.74 14.02 0.00	362.98 27.94 0.00	183.09 13.78 0.00	161.76 11.82 0.00	160.66 11.81 0.00	148.26 11.39 0.00	151.06 11.45 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	130.68 -17.21 0.00	122.63 -16.48 0.00	109.75 -15.43 0.00	118.25 -15.14 0.00	117.31 -13.71 0.00	132.97 -11.23 0.00	149.10 -16.89 0.00	177.17 -23.00 0.00	147.35 -16.09 0.00	108.29 -12.29 0.00	121.74 -14.90 2.00	121.29 -13.73 0.00	112.16 -12.75 0.00	102.00 -11.89 0.00	61.62 -6.80 0.00	71.89 -7.67 0.00	96.35 -11.78 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.81 -16.50 0.00	133.75 -16.19 0.00	132.25 -16.61 0.00	121.42 -15.45 0.00	125.03 -14.58 0.00
PACKARD__115KV_DUPONT_184 80571	130.68 -17.21 0.00	122.63 -16.48 0.00	109.75 -15.43 0.00	118.25 -15.14 0.00	117.31 -13.71 0.00	132.97 -11.23 0.00	149.10 -16.89 0.00	177.17 -23.00 0.00	147.35 -16.09 0.00	108.29 -12.29 0.00	121.74 -14.90 2.00	121.29 -13.73 0.00	112.16 -12.75 0.00	102.00 -11.89 0.00	61.62 -6.80 0.00	71.89 -7.67 0.00	96.35 -11.78 0.00	140.71 -18.00 0.00	298.35 -36.69 0.00	152.81 -16.50 0.00	133.75 -16.19 0.00	132.25 -16.61 0.00	121.42 -15.45 0.00	125.03 -14.58 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	157.68 9.78 0.00	148.25 9.15 0.00	133.50 8.32 0.00	142.13 8.73 0.00	139.27 8.25 0.00	152.56 8.36 0.00	175.54 9.55 0.00	211.19 11.02 0.00	173.93 10.49 -0.01	129.42 8.84 -0.01	150.80 12.15 -0.01	146.49 11.47 -0.01	135.79 10.88 0.00	123.90 9.93 -0.08	74.52 6.02 -0.08	86.64 6.99 -0.09	117.60 9.24 -0.23	170.31 11.58 -0.02	357.81 22.77 0.00	180.63 11.32 0.00	159.72 9.78 0.00	158.76 9.91 0.00	146.73 9.73 -0.14	149.28 9.67 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	158.70 10.80 0.00	149.23 10.12 0.00	134.47 9.29 0.00	143.20 9.81 0.00	140.34 9.32 0.00	153.99 9.78 0.00	177.19 11.20 0.00	212.89 12.72 0.00	175.57 12.13 -0.01	130.42 9.84 -0.01	151.51 12.86 -0.01	147.13 12.11 -0.01	136.43 11.51 0.00	124.36 10.39 -0.08	74.80 6.30 -0.08	86.98 7.33 -0.09	118.13 9.77 -0.23	171.26 12.53 -0.02	360.01 24.97 0.00	181.64 12.32 0.00	160.52 10.58 0.00	159.53 10.68 0.00	147.58 10.57 -0.14	150.06 10.44 -0.01
PATROON__115KV_TB1 80586	153.08 5.19 0.00	143.68 4.57 0.00	129.33 4.15 0.00	137.82 4.43 0.00	135.12 4.10 0.00	148.05 3.85 0.00	170.37 4.37 0.00	204.45 4.27 0.00	167.26 3.83 0.00	124.09 3.51 0.00	143.19 4.56 0.00	139.19 4.17 0.00	129.25 4.34 0.00	118.28 4.39 0.00	71.16 2.75 0.00	82.70 3.14 0.00	112.20 4.08 0.00	163.57 4.86 0.00	344.73 9.69 0.00	173.81 4.50 0.00	154.15 4.21 0.00	153.28 4.42 0.00	141.23 4.37 0.00	144.52 4.91 0.00
PATTRSNVILLE__SOLAR 323815	154.90 7.00 0.00	145.55 6.45 0.00	130.95 5.78 0.00	139.67 6.28 0.00	137.17 6.15 0.00	150.97 6.77 0.00	174.02 8.03 0.00	209.25 9.08 0.00	170.26 6.83 0.00	125.52 4.94 0.00	144.33 5.70 0.00	140.38 5.36 0.00	130.13 5.22 0.00	118.58 4.69 0.00	71.23 2.82 0.00	83.09 3.53 0.00	113.57 5.43 0.00	166.49 7.77 0.00	351.28 16.24 0.00	177.47 8.16 0.00	157.00 7.06 0.00	155.94 7.09 0.00	143.44 6.58 0.00	146.47 6.86 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	140.08 -7.81 0.00	131.55 -7.56 0.00	117.76 -7.42 0.00	126.86 -6.53 0.00	125.50 -5.52 0.00	141.84 -2.37 0.00	159.64 -6.36 0.00	190.30 -9.87 0.00	157.77 -5.67 0.00	116.52 -4.05 0.00	130.95 -5.31 2.37	130.65 -4.36 0.00	121.11 -3.81 0.00	110.20 -3.69 0.00	66.33 -2.08 0.00	77.33 -2.23 0.00	104.10 -4.03 0.00	151.88 -6.83 0.00	321.96 -13.08 0.00	164.68 -4.63 0.00	144.15 -5.79 0.00	142.79 -6.07 0.00	130.91 -5.96 0.00	134.43 -5.17 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	159.12 11.23 0.00	149.58 10.47 0.00	134.69 9.51 0.00	143.55 10.16 0.00	140.75 9.73 0.00	154.54 10.34 0.00	177.94 11.94 0.00	214.04 13.87 0.00	175.63 12.20 0.00	130.39 9.81 0.00	151.16 12.52 0.00	146.87 11.85 0.00	136.19 11.27 0.00	124.30 10.41 0.00	74.71 6.30 0.00	86.92 7.36 0.00	118.19 10.06 0.00	172.02 13.30 0.00	361.97 26.93 0.00	182.71 13.40 0.00	161.60 11.66 0.00	160.55 11.69 0.00	147.95 11.08 0.00	150.68 11.07 0.00
PEEKSKILL____ 23653	156.56 8.66 0.00	147.18 8.07 0.00	132.60 7.43 0.00	141.18 7.79 0.00	138.36 7.34 0.00	151.81 7.60 0.00	174.61 8.62 0.00	209.87 9.70 0.00	172.44 9.00 0.00	128.29 7.71 0.00	149.02 10.38 0.00	144.78 9.76 0.00	134.30 9.39 0.00	122.67 8.78 0.00	73.70 5.29 0.00	85.69 6.13 0.00	116.35 8.22 0.00	169.20 10.48 0.00	355.95 20.91 0.00	179.53 10.22 0.00	158.80 8.86 0.00	157.84 8.98 0.00	145.66 8.79 0.00	148.43 8.82 0.00

PGE MADISON___WINDPWR 24146	154.43 6.54 0.00	145.81 6.71 0.00	131.71 6.53 0.00	142.48 9.08 0.00	140.59 9.57 0.00	158.00 13.79 0.00	183.27 17.27 0.00	221.63 21.45 0.00	185.55 17.59 -4.52	134.10 13.52 0.00	157.24 15.17 -3.43	148.99 13.98 0.00	137.01 12.10 0.00	123.69 9.79 0.00	73.70 5.29 0.00	85.64 6.08 0.00	118.03 9.90 0.00	176.77 18.06 0.00	374.61 39.57 0.00	189.85 20.54 0.00	166.78 16.84 0.00	165.03 16.17 0.00	150.88 14.01 0.00	153.03 13.42 0.00
PIERCEFIELD___HYD 23852	157.18 -0.77 -10.06	161.59 -0.72 -23.20	147.13 -0.83 -22.78	137.76 -1.12 -5.50	151.14 -0.99 -21.10	144.27 -1.37 -1.43	868.34 2.92 -699.43	1078.49 6.11 -872.21	792.60 3.34 -625.83	118.75 -1.82 0.00	134.47 -4.17 0.00	131.92 -3.10 0.00	121.54 -3.38 0.00	109.93 -3.96 0.00	65.63 -2.78 0.00	76.06 -3.50 0.00	103.20 -4.93 0.00	154.45 -4.27 0.00	328.31 -6.73 0.00	166.42 -2.88 0.00	147.70 -2.24 0.00	146.65 -2.21 0.00	134.94 -1.92 0.00	138.21 -1.39 0.00
PINELAWN_CC_1 323563	158.92 11.03 0.00	150.54 11.43 0.00	144.34 10.89 -8.28	144.53 11.14 0.00	141.56 10.54 0.00	154.97 10.76 0.00	177.39 11.39 0.00	213.27 13.10 0.00	174.66 11.23 0.00	130.54 9.97 0.00	150.99 12.36 0.00	146.66 11.64 0.00	137.02 12.11 0.00	141.92 11.37 -16.67	144.19 7.31 -68.47	136.44 8.48 -48.40	140.30 11.49 -20.68	173.11 14.40 0.00	363.13 28.09 0.00	183.41 14.10 0.00	162.66 12.72 0.00	161.53 12.68 0.00	149.50 12.64 0.00	152.09 12.48 0.00
PJM_GEN_HTP_PROXY 323702	154.46 9.67 3.10	148.11 9.00 0.00	133.38 8.21 0.00	142.00 8.61 0.00	137.62 8.11 1.51	158.69 8.28 -6.21	175.36 9.37 0.00	210.94 10.76 0.00	173.89 10.46 0.00	129.43 8.85 0.00	150.89 12.26 0.00	146.69 11.68 0.00	135.99 11.08 0.00	123.85 9.96 0.00	74.43 6.02 0.00	86.56 7.00 0.00	117.17 9.34 0.30	170.57 11.85 0.00	354.02 23.17 4.19	178.88 11.31 1.75	157.94 9.72 1.72	158.60 9.75 0.00	146.44 9.57 0.00	149.23 9.62 0.00
PJM_GEN_KEystone 24065	102.08 -1.34 44.48	125.41 -1.35 12.35	119.57 -1.32 4.29	132.20 -0.95 0.23	114.04 -1.01 15.97	139.31 0.01 4.91	117.82 -1.53 46.65	134.05 -3.12 63.01	94.76 -1.10 67.57	110.13 0.00 10.45	138.04 0.72 1.32	135.91 0.94 0.04	126.14 1.26 0.03	115.11 1.22 0.00	69.02 0.61 0.00	79.72 0.66 0.50	108.46 0.63 0.30	153.95 -0.29 4.48	326.80 -0.79 7.45	167.70 0.14 1.75	143.79 -0.77 5.38	148.28 -0.57 0.00	136.49 -0.37 0.00	139.46 -0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	154.33 9.53 3.10	148.85 9.74 0.00	138.83 9.21 -4.44	142.88 9.49 0.00	138.43 8.91 1.51	159.39 8.98 -6.21	175.54 9.54 0.00	210.85 10.68 0.00	173.02 9.59 0.00	129.22 8.65 0.00	149.84 11.20 0.00	145.76 10.74 0.00	135.90 10.99 0.00	133.23 10.39 -8.95	111.62 6.45 -36.76	113.01 7.46 -25.99	128.94 10.01 -10.80	170.94 12.23 0.00	354.18 23.32 4.19	179.29 11.73 1.75	158.82 10.60 1.72	159.54 10.68 0.00	147.59 10.72 0.00	150.28 10.68 0.00
PJM_GEN_VFT_PROXY 323633	153.65 8.85 3.10	147.35 8.24 0.00	132.70 7.53 0.00	141.20 7.81 0.00	-29.32 7.35 167.69	56.62 7.60 95.18	59.80 8.58 114.78	102.19 9.77 107.75	172.93 9.50 0.00	128.71 8.13 0.00	149.00 11.30 0.94	145.11 10.70 0.60	134.66 10.23 0.49	123.25 9.36 0.00	74.07 5.66 0.00	83.77 6.58 2.37	116.48 8.64 0.30	169.46 10.75 0.00	352.02 21.17 4.19	177.80 10.24 1.75	157.01 8.79 1.72	157.69 8.84 0.00	145.63 8.77 0.00	148.44 8.84 0.00
PLATSBURG_115KV_PMLD1 355749	84.95 -3.23 59.71	-1.74 -3.15 137.70	-12.62 -2.59 135.21	97.90 -2.85 32.63	2.67 -3.10 125.25	132.53 -3.21 8.47	-23.97 -0.52 189.45	-32.35 -3.72 236.25	-5.28 0.80 169.51	118.76 -1.82 0.00	136.14 -2.49 0.00	133.70 -1.32 0.00	123.19 -1.73 0.00	112.36 -1.53 0.00	67.59 -0.82 0.00	78.87 -0.69 0.00	106.37 -1.76 0.00	157.15 -1.57 0.00	332.71 -2.33 0.00	168.39 -0.92 0.00	150.12 0.18 0.00	148.86 0.01 0.00	136.30 -0.56 0.00	138.88 -0.73 0.00
PLEASANTVLY___LBMP 24000	156.19 8.30 0.00	146.76 7.65 0.00	132.18 7.01 0.00	140.84 7.45 0.00	138.03 7.01 0.00	151.42 7.21 0.00	174.13 8.14 0.00	209.25 9.08 0.00	171.73 8.30 0.00	127.68 7.11 0.00	148.10 9.46 0.00	143.94 8.93 0.00	133.49 8.58 0.00	121.99 8.10 0.00	73.30 4.89 0.00	85.25 5.69 0.00	115.79 7.66 0.00	168.26 9.54 0.00	353.83 18.79 0.00	178.55 9.24 0.00	158.03 8.09 0.00	157.23 8.37 0.00	145.00 8.14 0.00	147.88 8.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	157.30 9.40 0.00	147.86 8.76 0.00	133.17 8.00 0.00	141.82 8.43 0.00	138.98 7.96 0.00	152.51 8.30 0.00	175.42 9.43 0.00	210.93 10.75 0.00	173.35 9.92 0.00	129.01 8.44 0.00	149.79 11.16 0.00	145.67 10.65 0.00	135.07 10.16 0.00	123.32 9.42 0.00	74.08 5.68 0.00	86.14 6.58 0.00	116.96 8.83 0.00	169.92 11.21 0.00	357.15 22.11 0.00	180.21 10.90 0.00	159.48 9.53 0.00	158.49 9.63 0.00	146.19 9.32 0.00	149.02 9.41 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	157.30 9.40 0.00	147.86 8.76 0.00	133.17 8.00 0.00	141.82 8.43 0.00	138.98 7.96 0.00	152.51 8.30 0.00	175.42 9.43 0.00	210.93 10.75 0.00	173.35 9.92 0.00	129.01 8.44 0.00	149.79 11.16 0.00	145.67 10.65 0.00	135.07 10.16 0.00	123.32 9.42 0.00	74.08 5.68 0.00	86.14 6.58 0.00	116.96 8.83 0.00	169.92 11.21 0.00	357.15 22.11 0.00	180.21 10.90 0.00	159.48 9.53 0.00	158.49 9.63 0.00	146.19 9.32 0.00	149.02 9.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	157.94 10.05 0.00	148.41 9.30 0.00	133.62 8.44 0.00	142.42 9.03 0.00	139.60 8.58 0.00	153.36 9.15 0.00	176.43 10.44 0.00	212.39 12.21 0.00	174.36 10.92 0.00	129.34 8.77 0.00	149.74 11.11 0.00	145.48 10.46 0.00	134.84 9.93 0.00	123.14 9.25 0.00	74.02 5.60 0.00	86.22 6.66 0.00	117.27 9.14 0.00	170.79 12.07 0.00	359.54 24.50 0.00	181.51 12.20 0.00	160.55 10.61 0.00	159.62 10.76 0.00	147.04 10.18 0.00	149.83 10.22 0.00
POLETTI_____ 23519	157.64 9.74 0.00	148.24 9.13 0.00	133.50 8.32 0.00	142.10 8.71 0.00	139.05 8.03 0.00	152.34 8.14 0.00	174.98 8.99 0.00	210.43 10.25 0.00	173.88 10.44 0.00	129.37 8.79 0.00	150.98 12.35 0.00	146.61 11.59 0.00	135.91 10.99 0.00	123.82 9.93 0.00	74.39 5.98 0.00	86.52 6.96 0.00	117.40 9.27 0.00	170.39 11.68 0.00	357.43 22.39 0.00	180.23 10.91 0.00	159.33 9.39 0.00	158.27 9.41 0.00	146.07 9.21 0.00	149.21 9.60 0.00
POMONA___ESR 323819	156.33 8.44 0.00	146.99 7.88 0.00	132.40 7.23 0.00	140.93 7.53 0.00	138.17 7.14 0.00	151.67 7.46 0.00	174.51 8.51 0.00	209.56 9.38 0.00	172.16 8.73 0.00	128.09 7.52 0.00	148.72 10.08 0.00	144.49 9.48 0.00	134.07 9.16 0.00	122.55 8.66 0.00	73.61 5.20 0.00	85.55 5.99 0.00	116.13 8.00 0.00	169.02 10.30 0.00	355.73 20.69 0.00	179.38 10.06 0.00	158.65 8.71 0.00	157.68 8.83 0.00	145.48 8.62 0.00	148.20 8.59 0.00
PORT_JEFF_3 23555	158.36 10.47 0.00	150.60 11.49 0.00	144.54 11.09 -8.28	144.76 11.37 0.00	141.74 10.72 0.00	154.75 10.55 0.00	176.53 10.53 0.00	212.06 11.88 0.00	172.95 9.52 0.00	129.17 8.60 0.00	149.51 10.87 0.00	146.02 11.01 0.00	137.20 12.28 0.00	142.32 11.76 -16.67	144.18 7.30 -68.47	136.19 8.23 -48.40	139.84 11.04 -20.68	172.53 13.81 0.00	362.02 26.98 0.00	182.85 13.54 0.00	162.26 12.32 0.00	161.01 12.15 0.00	149.16 12.29 0.00	151.71 12.10 0.00

PORT_JEFF_4 23616	158.36 10.47 0.00	150.60 11.49 0.00	144.54 11.09 -8.28	144.76 11.37 0.00	141.74 10.72 0.00	154.75 10.55 0.00	176.53 10.53 0.00	212.06 11.88 0.00	172.95 9.52 0.00	129.17 8.60 0.00	149.51 10.87 0.00	146.02 11.01 0.00	137.20 12.28 0.00	142.32 11.76 -16.67	144.18 7.30 -68.47	136.19 8.23 -48.40	139.84 11.04 -20.68	172.53 13.81 0.00	362.02 26.98 0.00	182.85 13.54 0.00	162.26 12.32 0.00	161.01 12.15 0.00	149.16 12.29 0.00	151.71 12.10 0.00
PORT_JEFF_IC 23713	158.64 10.75 0.00	150.88 11.76 0.00	144.73 11.28 -8.28	144.98 11.59 0.00	141.98 10.96 0.00	155.09 10.89 0.00	177.01 11.01 0.00	212.66 12.48 0.00	173.53 10.09 0.00	129.67 9.09 0.00	150.00 11.36 0.00	146.36 11.34 0.00	137.35 12.43 0.00	142.47 11.91 -16.67	144.34 7.46 -68.47	136.45 8.49 -48.40	140.18 11.38 -20.68	173.08 14.37 0.00	363.17 28.13 0.00	183.45 14.14 0.00	162.78 12.84 0.00	161.48 12.63 0.00	149.57 12.71 0.00	152.14 12.53 0.00
PPL PILGRIM_ST_GT1 24216	159.82 11.92 0.00	151.65 12.54 0.00	145.46 12.01 -8.28	145.72 12.33 0.00	142.75 11.72 0.00	156.25 12.04 0.00	178.60 12.61 0.00	214.75 14.57 0.00	175.65 12.21 0.00	131.37 10.79 0.00	151.93 13.29 0.00	147.76 12.75 0.00	138.24 13.32 0.00	143.11 12.56 -16.67	144.88 8.00 -68.47	137.20 9.25 -48.40	141.26 12.45 -20.68	174.42 15.70 0.00	365.84 30.79 0.00	184.88 15.57 0.00	164.15 14.21 0.00	162.92 14.06 0.00	150.91 14.05 0.00	153.47 13.87 0.00
PPL PILGRIM_ST_GT2 24217	159.82 11.92 0.00	151.65 12.54 0.00	145.46 12.01 -8.28	145.72 12.33 0.00	142.75 11.72 0.00	156.25 12.04 0.00	178.60 12.61 0.00	214.75 14.57 0.00	175.65 12.21 0.00	131.37 10.79 0.00	151.93 13.29 0.00	147.76 12.75 0.00	138.24 13.32 0.00	143.11 12.56 -16.67	144.88 8.00 -68.47	137.20 9.25 -48.40	141.26 12.45 -20.68	174.42 15.70 0.00	365.84 30.79 0.00	184.88 15.57 0.00	164.15 14.21 0.00	162.92 14.06 0.00	150.91 14.05 0.00	153.47 13.87 0.00
PPL_SHRM_GT3 24213	160.08 12.19 0.00	152.79 13.68 0.00	146.47 13.02 -8.28	146.84 13.44 0.00	143.85 12.83 0.00	157.51 13.30 0.00	179.92 13.93 0.00	216.10 15.92 0.00	176.36 12.93 0.00	131.65 11.08 0.00	152.00 13.36 0.00	147.89 12.87 0.00	138.28 13.37 0.00	143.32 12.76 -16.67	145.18 8.30 -68.47	137.59 9.64 -48.40	141.88 13.07 -20.68	175.81 17.10 0.00	369.25 34.21 0.00	186.50 17.19 0.00	165.42 15.48 0.00	164.03 15.17 0.00	151.94 15.08 0.00	154.39 14.79 0.00
PPL_SHRM_GT4 24214	160.08 12.19 0.00	152.79 13.68 0.00	146.47 13.02 -8.28	146.84 13.44 0.00	143.85 12.83 0.00	157.51 13.30 0.00	179.92 13.93 0.00	216.10 15.92 0.00	176.36 12.93 0.00	131.65 11.08 0.00	152.00 13.36 0.00	147.89 12.87 0.00	138.28 13.37 0.00	143.32 12.76 -16.67	145.18 8.30 -68.47	137.59 9.64 -48.40	141.88 13.07 -20.68	175.81 17.10 0.00	369.25 34.21 0.00	186.50 17.19 0.00	165.42 15.48 0.00	164.03 15.17 0.00	151.94 15.08 0.00	154.39 14.79 0.00
PROJECT___ORANGE 1 24174	144.18 -3.71 0.00	135.44 -3.67 0.00	121.68 -3.50 0.00	130.04 -3.36 0.00	127.96 -3.06 0.00	141.69 -2.51 0.00	186.14 -3.31 -23.45	224.87 -4.56 -29.25	181.37 -3.05 -20.99	118.71 -1.87 0.00	136.47 -2.16 0.00	132.92 -2.09 0.00	122.99 -1.93 0.00	112.10 -1.79 0.00	67.33 -1.08 0.00	78.27 -1.29 0.00	106.49 -1.64 0.00	156.06 -2.65 0.00	329.89 -5.15 0.00	167.02 -2.29 0.00	147.24 -2.71 0.00	145.98 -2.88 0.00	133.98 -2.89 0.00	136.56 -3.04 0.00
PROJECT___ORANGE 2 24166	144.18 -3.71 0.00	135.44 -3.67 0.00	121.68 -3.50 0.00	130.04 -3.36 0.00	127.96 -3.06 0.00	141.69 -2.51 0.00	186.14 -3.31 -23.45	224.87 -4.56 -29.25	181.37 -3.05 -20.99	118.71 -1.87 0.00	136.47 -2.16 0.00	132.92 -2.09 0.00	122.99 -1.93 0.00	112.10 -1.79 0.00	67.33 -1.08 0.00	78.27 -1.29 0.00	106.49 -1.64 0.00	156.06 -2.65 0.00	329.89 -5.15 0.00	167.02 -2.29 0.00	147.24 -2.71 0.00	145.98 -2.88 0.00	133.98 -2.89 0.00	136.56 -3.04 0.00
PUCKETT___SOLAR 323809	148.16 0.27 0.00	139.39 0.28 0.00	125.33 0.15 0.00	134.42 1.03 0.00	132.29 1.27 0.00	147.22 3.01 0.00	169.11 3.11 0.00	203.52 3.35 0.00	172.00 3.63 -4.94	123.70 3.13 0.00	142.32 3.68 0.00	138.54 3.52 0.00	128.30 3.38 0.00	116.62 2.73 0.00	69.70 1.29 0.00	81.10 1.54 0.00	110.65 2.52 0.00	162.61 3.90 0.00	343.23 8.19 0.00	174.11 4.80 0.00	153.39 3.45 0.00	152.28 3.42 0.00	139.69 2.82 0.00	142.36 2.75 0.00
PYRITES___HYD 24023	158.70 1.75 -9.05	161.75 1.76 -20.88	147.11 1.44 -20.50	139.56 1.22 -4.95	151.39 1.38 -18.99	146.62 1.12 -1.29	871.25 6.02 -699.24	1082.13 9.98 -871.97	795.04 5.95 -625.66	120.08 -0.50 0.00	135.74 -2.89 0.00	133.11 -1.91 0.00	122.70 -2.22 0.00	111.02 -2.87 0.00	66.69 -1.72 0.00	77.46 -2.10 0.00	105.33 -2.81 0.00	158.25 -0.47 0.00	336.66 1.62 0.00	170.64 1.33 0.00	151.39 1.45 0.00	150.04 1.18 0.00	137.76 0.90 0.00	140.76 1.15 0.00
QUAKERRD_115KV_BK1 80622	137.27 -10.63 0.00	128.98 -10.13 0.00	115.73 -9.45 0.00	124.02 -9.37 0.00	122.47 -8.55 0.00	137.00 -7.21 0.00	156.11 -9.89 0.00	187.02 -13.16 0.00	153.89 -9.55 0.00	113.74 -6.84 0.00	129.17 -8.31 1.16	127.37 -7.65 0.00	117.87 -7.05 0.00	107.38 -6.51 0.00	64.61 -3.80 0.00	75.23 -4.33 0.00	101.74 -6.39 0.00	149.02 -9.70 0.00	315.53 -19.51 0.00	160.32 -8.99 0.00	140.89 -9.05 0.00	139.38 -9.48 0.00	127.73 -9.14 0.00	130.54 -9.06 0.00
QUEENSBRY_115KV_TB8 356137	162.07 14.18 0.00	151.56 12.45 0.00	136.32 11.14 0.00	145.60 12.21 0.00	143.12 12.10 0.00	157.96 13.75 0.00	182.57 16.58 0.00	219.74 19.56 0.00	178.56 15.13 0.00	132.23 11.66 0.00	151.88 13.24 0.00	147.40 12.38 0.00	136.18 11.26 0.00	123.88 9.99 0.00	73.70 5.29 0.00	85.60 6.04 0.00	117.20 9.07 0.00	171.51 12.80 0.00	361.90 26.86 0.00	182.28 12.97 0.00	161.07 11.13 0.00	160.22 11.36 0.00	147.19 10.32 0.00	152.54 12.93 0.00
RAMAPO___LBMP 323565	155.68 7.79 0.00	146.39 7.28 0.00	131.87 6.70 0.00	140.39 7.00 0.00	137.63 6.61 0.00	151.07 6.86 0.00	173.75 7.76 0.00	208.69 8.51 0.00	171.39 7.96 0.00	127.55 6.98 0.00	148.00 9.37 0.00	143.83 8.81 0.00	133.44 8.52 0.00	121.95 8.06 0.00	73.26 4.85 0.00	85.14 5.58 0.00	115.57 7.44 0.00	168.19 9.48 0.00	354.05 19.01 0.00	178.55 9.23 0.00	157.93 7.99 0.00	156.99 8.13 0.00	144.82 7.96 0.00	147.56 7.95 0.00
RANKINE____ 23646	137.02 -10.87 0.00	128.71 -10.40 0.00	115.20 -9.97 0.00	124.16 -9.23 0.00	123.00 -8.02 0.00	139.22 -4.99 0.00	156.59 -9.41 0.00	186.40 -13.78 0.00	154.48 -8.96 0.00	114.15 -6.42 0.00	128.14 -8.17 2.32	127.75 -7.26 0.00	118.32 -6.59 0.00	107.67 -6.23 0.00	64.88 -3.53 0.00	75.72 -3.84 0.00	101.86 -6.27 0.00	148.75 -9.97 0.00	315.39 -19.65 0.00	161.32 -7.98 0.00	141.27 -8.67 0.00	139.85 -9.01 0.00	128.28 -8.59 0.00	131.71 -7.90 0.00
RAVENSWOOD_GT2_1 24244	157.76 9.87 0.00	148.35 9.24 0.00	133.61 8.43 0.00	142.20 8.80 0.00	139.29 8.27 0.00	152.69 8.48 0.00	175.57 9.57 0.00	211.16 10.98 0.00	174.12 10.68 0.00	129.54 8.97 0.00	150.90 12.27 0.00	146.71 11.69 0.00	135.99 11.08 0.00	123.97 10.08 0.00	74.49 6.09 0.00	86.64 7.08 0.00	117.55 9.42 0.00	170.63 11.91 0.00	358.41 23.36 0.00	180.73 11.42 0.00	159.79 9.85 0.00	158.75 9.89 0.00	146.60 9.73 0.00	149.43 9.83 0.00

RAVENSWOOD_GT2_2 24245	157.76 9.87 0.00	148.35 9.24 0.00	133.61 8.43 0.00	142.20 8.80 0.00	139.29 8.27 0.00	152.69 8.48 0.00	175.57 9.57 0.00	211.16 10.98 0.00	174.12 10.68 0.00	129.54 8.97 0.00	150.90 12.27 0.00	146.71 11.69 0.00	135.99 11.08 0.00	123.97 10.08 0.00	74.49 6.09 0.00	86.64 7.08 0.00	117.55 9.42 0.00	170.63 11.91 0.00	358.41 23.36 0.00	180.73 11.42 0.00	159.79 9.85 0.00	158.75 9.89 0.00	146.60 9.73 0.00	149.43 9.83 0.00
RAVENSWOOD_GT2_3 24246	157.87 9.98 0.00	148.40 9.28 0.00	133.64 8.47 0.00	142.27 8.88 0.00	139.40 8.38 0.00	152.78 8.57 0.00	175.69 9.69 0.00	211.33 11.15 0.00	174.21 10.77 0.00	129.64 9.07 0.00	150.98 12.35 0.00	146.76 11.75 0.00	136.06 11.15 0.00	124.03 10.14 0.00	74.55 6.14 0.00	86.70 7.14 0.00	117.61 9.48 0.00	170.72 12.01 0.00	358.60 23.55 0.00	180.86 11.55 0.00	159.91 9.97 0.00	158.86 10.01 0.00	146.71 9.85 0.00	149.53 9.92 0.00
RAVENSWOOD_GT2_4 24247	157.87 9.98 0.00	148.40 9.28 0.00	133.64 8.47 0.00	142.27 8.88 0.00	139.40 8.38 0.00	152.78 8.57 0.00	175.69 9.69 0.00	211.33 11.15 0.00	174.21 10.77 0.00	129.64 9.07 0.00	150.98 12.35 0.00	146.76 11.75 0.00	136.06 11.15 0.00	124.03 10.14 0.00	74.55 6.14 0.00	86.70 7.14 0.00	117.61 9.48 0.00	170.72 12.01 0.00	358.60 23.55 0.00	180.86 11.55 0.00	159.91 9.97 0.00	158.86 10.01 0.00	146.71 9.85 0.00	149.53 9.92 0.00
RAVENSWOOD_GT3_1 24248	157.76 9.87 0.00	148.36 9.25 0.00	133.61 8.43 0.00	142.21 8.82 0.00	139.29 8.27 0.00	152.69 8.48 0.00	175.57 9.57 0.00	211.18 11.00 0.00	174.12 10.68 0.00	129.54 8.97 0.00	150.93 12.29 0.00	146.71 11.69 0.00	136.00 11.09 0.00	123.98 10.09 0.00	74.50 6.09 0.00	86.64 7.08 0.00	117.55 9.42 0.00	170.63 11.91 0.00	358.41 23.36 0.00	180.75 11.44 0.00	159.79 9.85 0.00	158.75 9.89 0.00	146.61 9.75 0.00	149.47 9.86 0.00
RAVENSWOOD_GT3_2 24249	157.76 9.87 0.00	148.36 9.25 0.00	133.61 8.43 0.00	142.21 8.82 0.00	139.29 8.27 0.00	152.69 8.48 0.00	175.57 9.57 0.00	211.18 11.00 0.00	174.12 10.68 0.00	129.54 8.97 0.00	150.93 12.29 0.00	146.71 11.69 0.00	136.00 11.09 0.00	123.98 10.09 0.00	74.50 6.09 0.00	86.64 7.08 0.00	117.55 9.42 0.00	170.63 11.91 0.00	358.41 23.36 0.00	180.75 11.44 0.00	159.79 9.85 0.00	158.75 9.89 0.00	146.61 9.75 0.00	149.47 9.86 0.00
RAVENSWOOD_GT3_3 24250	158.02 10.13 0.00	148.52 9.41 0.00	133.75 8.57 0.00	142.41 9.02 0.00	139.51 8.49 0.00	152.92 8.71 0.00	175.86 9.86 0.00	211.53 11.35 0.00	174.42 10.98 0.00	129.77 9.20 0.00	151.17 12.54 0.00	146.97 11.95 0.00	136.21 11.30 0.00	124.18 10.29 0.00	74.63 6.22 0.00	86.80 7.24 0.00	117.74 9.61 0.00	170.91 12.19 0.00	358.99 23.95 0.00	181.07 11.76 0.00	160.08 10.14 0.00	159.02 10.17 0.00	146.85 9.99 0.00	149.67 10.06 0.00
RAVENSWOOD_GT3_4 24251	158.02 10.13 0.00	148.52 9.41 0.00	133.75 8.57 0.00	142.41 9.02 0.00	139.51 8.49 0.00	152.92 8.71 0.00	175.86 9.86 0.00	211.53 11.35 0.00	174.42 10.98 0.00	129.77 9.20 0.00	151.17 12.54 0.00	146.97 11.95 0.00	136.21 11.30 0.00	124.18 10.29 0.00	74.63 6.22 0.00	86.80 7.24 0.00	117.74 9.61 0.00	170.91 12.19 0.00	358.99 23.95 0.00	181.07 11.76 0.00	160.08 10.14 0.00	159.02 10.17 0.00	146.85 9.99 0.00	149.67 10.06 0.00
RAVENSWOOD_GT_1 23729	158.58 10.68 0.00	149.07 9.96 0.00	134.24 9.07 0.00	142.86 9.47 0.00	140.03 9.01 0.00	153.30 9.09 0.00	183.04 10.35 -6.70	244.35 12.02 -32.15	232.77 11.66 -57.68	179.12 9.66 -48.89	181.81 13.09 -30.08	191.27 12.50 -43.75	149.13 11.83 -12.38	245.14 10.78 -120.47	196.59 6.52 -121.66	276.53 7.56 -189.41	398.12 9.96 -280.03	192.43 12.52 -21.20	359.53 24.49 0.00	181.34 12.03 0.00	160.29 10.35 0.00	163.14 10.41 -3.87	311.65 10.48 -164.31	165.16 10.51 -15.04
RAVENSWOOD_GT_10 24258	157.76 9.87 0.00	148.34 9.23 0.00	133.61 8.43 0.00	142.21 8.82 0.00	139.30 8.28 0.00	152.70 8.50 0.00	176.44 9.62 -0.83	215.16 11.00 -3.99	179.30 10.67 -5.19	134.03 8.97 -4.49	152.87 12.23 -2.00	149.34 11.67 -2.66	136.00 11.05 -0.04	116.02 10.08 7.95	67.22 6.10 7.29	87.46 7.08 -0.82	95.33 9.41 22.20	168.82 11.91 1.80	358.41 23.36 0.00	180.75 11.44 0.00	159.81 9.87 0.00	159.26 9.92 -0.48	133.45 9.75 13.16	149.90 9.86 -0.43
RAVENSWOOD_GT_11 24259	157.76 9.87 0.00	148.34 9.23 0.00	133.61 8.43 0.00	142.21 8.82 0.00	139.30 8.28 0.00	152.70 8.50 0.00	176.44 9.62 -0.83	215.16 11.00 -3.99	179.30 10.67 -5.19	134.03 8.97 -4.49	152.87 12.23 -2.00	149.34 11.67 -2.66	136.00 11.05 -0.04	116.02 10.08 7.95	67.22 6.10 7.29	87.46 7.08 -0.82	95.33 9.41 22.20	168.82 11.91 1.80	358.41 23.36 0.00	180.75 11.44 0.00	159.81 9.87 0.00	159.26 9.92 -0.48	133.45 9.75 13.16	149.90 9.86 -0.43
RAVENSWOOD_GT_4 24252	157.69 9.79 0.00	148.24 9.13 0.00	133.50 8.32 0.00	142.12 8.73 0.00	139.23 8.21 0.00	152.62 8.41 0.00	180.49 9.50 -5.00	235.04 10.87 -23.99	205.23 10.55 -31.25	156.46 8.88 -27.01	162.84 12.16 -12.04	162.57 11.57 -15.98	136.16 10.98 -0.27	76.05 9.98 47.82	30.59 6.03 43.86	91.29 7.00 -4.72	-16.36 9.34 133.84	159.72 11.85 10.84	358.29 23.25 0.00	180.69 11.38 0.00	159.75 9.81 0.00	161.60 9.86 -2.89	67.34 9.64 79.17	151.96 9.74 -2.61
RAVENSWOOD_GT_5 24254	157.69 9.79 0.00	148.24 9.13 0.00	133.50 8.32 0.00	142.12 8.73 0.00	139.23 8.21 0.00	152.62 8.41 0.00	180.49 9.50 -5.00	235.04 10.87 -23.99	205.23 10.55 -31.25	156.46 8.88 -27.01	162.84 12.16 -12.04	162.57 11.57 -15.98	136.16 10.98 -0.27	76.05 9.98 47.82	30.59 6.03 43.86	91.29 7.00 -4.72	-16.36 9.34 133.84	159.72 11.85 10.84	358.29 23.25 0.00	180.69 11.38 0.00	159.75 9.81 0.00	161.60 9.86 -2.89	67.34 9.64 79.17	151.96 9.74 -2.61
RAVENSWOOD_GT_6 24253	157.69 9.79 0.00	148.24 9.13 0.00	133.50 8.32 0.00	142.12 8.73 0.00	139.23 8.21 0.00	152.62 8.41 0.00	180.49 9.50 -5.00	235.04 10.87 -23.99	205.23 10.55 -31.25	156.46 8.88 -27.01	162.84 12.16 -12.04	162.57 11.57 -15.98	136.16 10.98 -0.27	76.05 9.98 47.82	30.59 6.03 43.86	91.29 7.00 -4.72	-16.36 9.34 133.84	159.72 11.85 10.84	358.29 23.25 0.00	180.69 11.38 0.00	159.75 9.81 0.00	161.60 9.86 -2.89	67.34 9.64 79.17	151.96 9.74 -2.61
RAVENSWOOD_GT_7 24255	157.69 9.79 0.00	148.24 9.13 0.00	133.50 8.32 0.00	142.12 8.73 0.00	139.23 8.21 0.00	152.62 8.41 0.00	180.49 9.50 -5.00	235.04 10.87 -23.99	205.23 10.55 -31.25	156.46 8.88 -27.01	162.84 12.16 -12.04	162.57 11.57 -15.98	136.16 10.98 -0.27	76.05 9.98 47.82	30.59 6.03 43.86	91.29 7.00 -4.72	-16.36 9.34 133.84	159.72 11.85 10.84	358.29 23.25 0.00	180.69 11.38 0.00	159.75 9.81 0.00	161.60 9.86 -2.89	67.34 9.64 79.17	151.96 9.74 -2.61
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	157.76 9.87 0.00	148.34 9.23 0.00	133.61 8.43 0.00	142.21 8.82 0.00	139.30 8.28 0.00	152.70 8.50 0.00	176.44 9.62 -0.83	215.16 11.00 -3.99	179.30 10.67 -5.19	134.03 8.97 -4.49	152.87 12.23 -2.00	149.34 11.67 -2.66	136.00 11.05 -0.04	116.02 10.08 7.95	67.22 6.10 7.29	87.46 7.08 -0.82	95.33 9.41 22.20	168.82 11.91 1.80	358.41 23.36 0.00	180.75 11.44 0.00	159.81 9.87 0.00	159.26 9.92 -0.48	133.45 9.75 13.16	149.90 9.86 -0.43

RAVENSWOOD_GT_9 24257	157.76 9.87 0.00	148.34 9.23 0.00	133.61 8.43 0.00	142.21 8.82 0.00	139.30 8.28 0.00	152.70 8.50 0.00	176.44 9.62 -0.83	215.16 11.00 -3.99	179.30 10.67 -5.19	134.03 8.97 -4.49	152.87 12.23 -2.00	149.34 11.67 -2.66	136.00 11.05 -0.04	116.02 10.08 7.95	67.22 6.10 7.29	87.46 7.08 -0.82	95.33 9.41 22.20	168.82 11.91 1.80	358.41 23.36 0.00	180.75 11.44 0.00	159.81 9.87 0.00	159.26 9.92 -0.48	133.45 9.75 13.16	149.90 9.86 -0.43
RAVENSWOOD___1 23533	158.30 10.41 0.00	148.80 9.69 0.00	134.01 8.83 0.00	142.62 9.23 0.00	139.79 8.77 0.00	153.05 8.85 0.00	169.51 10.10 6.58	180.27 11.70 31.61	133.62 11.35 41.16	94.45 9.45 35.58	135.65 12.87 15.86	126.21 12.24 21.05	136.15 11.58 0.35	187.42 10.55 -62.98	132.55 6.37 -57.77	80.73 7.39 6.22	294.17 9.75 -176.29	185.26 12.27 -14.28	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	155.25 10.19 3.80	251.31 10.17 -104.28	146.39 10.22 3.44
RAVENSWOOD___2 23534	158.30 10.41 0.00	148.80 9.69 0.00	134.01 8.83 0.00	142.62 9.23 0.00	139.79 8.77 0.00	153.05 8.85 0.00	169.51 10.10 6.58	180.27 11.70 31.61	133.62 11.35 41.16	94.45 9.45 35.58	135.65 12.87 15.86	126.21 12.24 21.05	136.15 11.58 0.35	187.42 10.55 -62.98	132.55 6.37 -57.77	80.73 7.39 6.22	294.17 9.75 -176.29	185.26 12.27 -14.28	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	155.25 10.19 3.80	251.31 10.17 -104.28	146.39 10.22 3.44
RAVENSWOOD___3 23535	157.80 9.91 0.00	148.36 9.25 0.00	133.62 8.44 0.00	142.22 8.83 0.00	139.37 8.34 0.00	152.72 8.51 0.00	175.62 9.63 0.00	211.22 11.05 0.00	174.15 10.71 0.00	129.54 8.96 0.00	150.93 12.29 0.00	146.71 11.69 0.00	136.01 11.10 0.00	123.98 10.09 0.00	74.52 6.11 0.00	86.65 7.09 0.00	117.56 9.43 0.00	170.63 11.91 0.00	358.43 23.39 0.00	180.76 11.45 0.00	159.82 9.89 0.00	158.79 9.93 0.00	146.62 9.76 0.00	149.46 9.86 0.00
RAVENSWOOD___4 23820	158.30 10.41 0.00	148.80 9.69 0.00	134.01 8.83 0.00	142.62 9.23 0.00	139.79 8.77 0.00	153.05 8.85 0.00	169.51 10.10 6.58	180.27 11.70 31.61	133.62 11.35 41.16	94.45 9.45 35.58	135.65 12.87 15.86	126.21 12.24 21.05	136.15 11.58 0.35	187.42 10.55 -62.98	132.55 6.37 -57.77	80.73 7.39 6.22	294.17 9.75 -176.29	185.26 12.27 -14.28	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	155.25 10.19 3.80	251.31 10.17 -104.28	146.39 10.22 3.44
RCPL_TRUST___DRP 24196	157.69 9.79 0.00	148.23 9.12 0.00	133.49 8.31 0.00	142.10 8.71 0.00	139.25 8.23 0.00	152.63 8.43 0.00	175.53 9.54 0.00	211.14 10.97 0.00	174.09 10.65 0.00	129.60 9.03 0.00	151.07 12.43 0.00	146.87 11.85 0.00	136.18 11.27 0.00	124.01 10.12 0.00	74.52 6.12 0.00	86.66 7.10 0.00	117.67 9.54 0.00	170.79 12.07 0.00	358.63 23.58 0.00	180.86 11.55 0.00	159.86 9.92 0.00	158.78 9.92 0.00	146.60 9.73 0.00	149.43 9.83 0.00
RED___ROCHESTER 323720	140.18 -7.72 0.00	131.61 -7.50 0.00	118.01 -7.16 0.00	126.64 -6.75 0.00	125.12 -5.90 0.00	140.37 -3.83 0.00	159.47 -6.53 0.00	190.83 -9.35 0.00	149.29 -6.05 8.09	116.34 -4.23 0.00	131.97 -5.38 1.29	130.41 -4.61 0.00	120.68 -4.24 0.00	109.93 -3.96 0.00	66.19 -2.22 0.00	77.08 -2.48 0.00	104.07 -4.06 0.00	152.44 -6.28 0.00	322.89 -12.15 0.00	164.32 -5.00 0.00	144.25 -5.69 0.00	142.54 -6.31 0.00	130.55 -6.31 0.00	133.56 -6.05 0.00
REGAN___SOLAR 323812	158.98 11.08 0.00	149.52 10.41 0.00	134.35 9.17 0.00	143.35 9.96 0.00	140.99 9.97 0.00	155.63 11.42 0.00	179.69 13.69 0.00	216.12 15.94 0.00	173.94 10.51 0.00	126.30 5.73 0.00	144.68 6.04 0.00	140.51 5.49 0.00	130.52 5.60 0.00	118.77 4.88 0.00	71.66 3.25 0.00	84.65 5.09 0.00	116.48 8.35 0.00	172.06 13.35 0.00	363.87 28.83 0.00	184.01 14.70 0.00	162.45 12.51 0.00	161.08 12.22 0.00	147.86 11.00 0.00	150.67 11.07 0.00
RENSSELAER___COGEN 23796	152.25 4.35 0.00	142.88 3.77 0.00	128.63 3.45 0.00	137.05 3.66 0.00	134.37 3.35 0.00	147.10 2.89 0.00	169.15 3.16 0.00	202.92 2.75 0.00	165.96 2.53 0.00	123.16 2.58 0.00	142.09 3.45 0.00	138.05 3.04 0.00	128.24 3.33 0.00	117.37 3.48 0.00	70.61 2.20 0.00	82.07 2.51 0.00	111.32 3.19 0.00	162.30 3.58 0.00	341.89 6.85 0.00	172.44 3.13 0.00	152.96 3.02 0.00	152.14 3.28 0.00	140.27 3.41 0.00	143.65 4.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	168.29 20.40 0.00	156.65 17.54 0.00	140.93 15.76 0.00	150.78 17.38 0.00	148.30 17.28 0.00	164.75 20.54 0.00	190.90 24.90 0.00	230.86 30.68 0.00	185.20 21.76 0.00	136.79 16.22 0.00	157.11 18.48 0.00	153.43 18.41 0.00	141.91 16.99 0.00	129.44 15.55 0.00	77.09 8.68 0.00	89.56 9.99 0.00	123.09 14.96 0.00	181.06 22.35 0.00	382.62 47.58 0.00	192.07 22.76 0.00	169.14 19.20 0.00	168.27 19.42 0.00	154.51 17.64 0.00	158.58 18.97 0.00
REVERE_CPPR_DRP 24186	154.41 6.52 0.00	144.92 5.81 0.00	130.48 5.31 0.00	139.40 6.01 0.00	137.22 6.20 0.00	151.61 7.40 0.00	227.52 9.21 -52.32	276.41 10.99 -65.24	219.62 9.38 -46.81	127.74 7.16 0.00	146.24 7.60 0.00	142.51 7.49 0.00	131.60 6.68 0.00	120.01 6.12 0.00	71.67 3.26 0.00	83.30 3.74 0.00	114.01 5.87 0.00	167.90 9.18 0.00	355.10 20.06 0.00	179.73 10.42 0.00	158.65 8.71 0.00	157.13 8.28 0.00	144.19 7.33 0.00	146.83 7.22 0.00
REYNOLDS_115KV_TB3 80639	153.35 5.45 0.00	143.79 4.68 0.00	129.46 4.28 0.00	137.96 4.58 0.00	135.24 4.22 0.00	148.24 4.04 0.00	170.50 4.50 0.00	204.53 4.35 0.00	167.26 3.82 0.00	124.22 3.64 0.00	143.28 4.64 0.00	139.21 4.20 0.00	129.24 4.33 0.00	118.29 4.39 0.00	71.15 2.74 0.00	82.73 3.17 0.00	112.31 4.18 0.00	163.54 4.83 0.00	344.56 9.53 0.00	173.77 4.46 0.00	154.21 4.27 0.00	153.43 4.57 0.00	141.42 4.56 0.00	144.67 5.06 0.00
RIVERBAY____ 323610	158.70 10.80 0.00	149.23 10.12 0.00	134.47 9.29 0.00	143.20 9.81 0.00	140.34 9.32 0.00	153.99 9.78 0.00	177.19 11.20 0.00	212.89 12.72 0.00	175.57 12.13 -0.01	130.42 9.84 -0.01	151.51 12.86 -0.01	147.13 12.11 -0.01	136.43 11.51 0.00	124.36 10.39 -0.08	74.80 6.30 -0.08	86.98 7.33 -0.09	118.13 9.77 -0.23	171.26 12.53 -0.02	360.01 24.97 0.00	181.64 12.32 0.00	160.52 10.58 0.00	159.53 10.68 0.00	147.58 10.57 -0.14	150.06 10.44 -0.01
RIVERSDE_115KV_TB3 55908	152.94 5.04 0.00	143.49 4.38 0.00	129.14 3.97 0.00	137.62 4.23 0.00	134.93 3.91 0.00	147.84 3.63 0.00	170.06 4.07 0.00	204.03 3.85 0.00	166.84 3.41 0.00	123.90 3.33 0.00	142.96 4.32 0.00	138.88 3.87 0.00	128.99 4.08 0.00	118.07 4.18 0.00	71.02 2.61 0.00	82.57 3.00 0.00	112.02 3.89 0.00	163.17 4.46 0.00	343.87 8.82 0.00	173.37 4.06 0.00	153.84 3.90 0.00	153.02 4.16 0.00	141.05 4.18 0.00	144.29 4.68 0.00
ROARING___BROOK_WT_PWR 323790	147.19 -0.70 0.00	138.41 -0.70 0.00	124.45 -0.72 0.00	132.63 -0.76 0.00	130.34 -0.68 0.00	143.27 -0.93 0.00	135.88 -0.55 29.56	163.43 0.12 36.87	136.69 -0.30 26.46	119.64 -0.94 0.00	137.09 -1.55 0.00	133.65 -1.37 0.00	123.44 -1.47 0.00	111.82 -2.07 0.00	66.61 -1.80 0.00	77.45 -2.11 0.00	105.62 -2.51 0.00	156.55 -2.16 0.00	331.14 -3.90 0.00	167.68 -1.63 0.00	149.19 -0.75 0.00	147.81 -1.05 0.00	136.05 -0.82 0.00	138.87 -0.74 0.00

ROCHESRG_115KV_T4 355643	138.48 -9.42 0.00	130.05 -9.05 0.00	116.63 -8.54 0.00	125.13 -8.26 0.00	123.61 -7.41 0.00	138.64 -5.56 0.00	157.52 -8.48 0.00	188.37 -11.80 0.00	155.24 -8.19 0.00	114.71 -5.87 0.00	130.17 -7.20 1.27	128.51 -6.50 0.00	118.89 -6.02 0.00	108.26 -5.63 0.00	65.19 -3.22 0.00	75.89 -3.67 0.00	102.52 -5.61 0.00	150.18 -8.54 0.00	318.03 -17.01 0.00	161.84 -7.46 0.00	142.18 -7.76 0.00	140.59 -8.26 0.00	128.88 -7.98 0.00	131.87 -7.73 0.00
ROCHESTER_9_IC 23652	139.38 -8.52 0.00	130.89 -8.22 0.00	117.38 -7.79 0.00	125.92 -7.47 0.00	124.45 -6.57 0.00	139.62 -4.59 0.00	158.58 -7.41 0.00	189.77 -10.40 0.00	156.39 -7.05 0.00	115.63 -4.95 0.00	131.14 -6.21 1.29	129.47 -5.54 0.00	119.81 -5.10 0.00	109.13 -4.76 0.00	65.69 -2.71 0.00	76.51 -3.05 0.00	103.30 -4.83 0.00	151.34 -7.37 0.00	320.60 -14.44 0.00	163.13 -6.18 0.00	143.24 -6.70 0.00	141.64 -7.22 0.00	129.74 -7.12 0.00	132.77 -6.84 0.00
ROCKVIEW_13_KV_LD 356306	157.94 10.04 0.00	148.51 9.40 0.00	133.74 8.56 0.00	142.41 9.02 0.00	139.53 8.51 0.00	153.07 8.87 0.00	176.06 10.06 0.00	211.71 11.53 0.00	174.23 10.80 0.00	130.00 9.43 0.00	150.74 12.11 0.00	146.53 11.51 0.00	135.90 10.98 0.00	124.05 10.16 0.00	74.55 6.14 0.00	86.70 7.13 0.00	117.69 9.56 0.00	170.91 12.19 0.00	359.29 24.25 0.00	181.24 11.93 0.00	160.29 10.35 0.00	159.25 10.39 0.00	146.90 10.03 0.00	149.73 10.11 0.00
ROME____115KV_TB2 80656	154.41 6.52 0.00	144.92 5.81 0.00	130.48 5.31 0.00	139.40 6.01 0.00	137.22 6.20 0.00	151.61 7.40 0.00	227.52 9.21 -52.32	276.41 10.99 -65.24	219.62 9.38 -46.81	127.74 7.16 0.00	146.24 7.60 0.00	142.51 7.49 0.00	131.60 6.68 0.00	120.01 6.12 0.00	71.67 3.26 0.00	83.30 3.74 0.00	114.01 5.87 0.00	167.90 9.18 0.00	355.10 20.06 0.00	179.73 10.42 0.00	158.65 8.71 0.00	157.13 8.28 0.00	144.19 7.33 0.00	146.83 7.22 0.00
ROSETON___1 23587	155.62 7.72 0.00	146.33 7.22 0.00	131.84 6.66 0.00	140.50 7.11 0.00	137.73 6.71 0.00	151.14 6.94 0.00	173.83 7.84 0.00	208.88 8.71 0.00	171.44 8.01 0.00	127.44 6.86 0.00	147.77 9.14 0.00	143.68 8.66 0.00	133.23 8.32 0.00	121.68 7.79 0.00	73.11 4.70 0.00	84.99 5.43 0.00	115.44 7.31 0.00	167.74 9.03 0.00	352.42 17.38 0.00	177.98 8.67 0.00	157.63 7.69 0.00	156.74 7.88 0.00	144.62 7.76 0.00	147.42 7.81 0.00
ROSETON___2 23588	155.62 7.72 0.00	146.33 7.22 0.00	131.84 6.66 0.00	140.50 7.11 0.00	137.73 6.71 0.00	151.14 6.94 0.00	173.83 7.84 0.00	208.88 8.71 0.00	171.44 8.01 0.00	127.44 6.86 0.00	147.77 9.14 0.00	143.68 8.66 0.00	133.23 8.32 0.00	121.68 7.79 0.00	73.11 4.70 0.00	84.99 5.43 0.00	115.44 7.31 0.00	167.74 9.03 0.00	352.42 17.38 0.00	177.98 8.67 0.00	157.63 7.69 0.00	156.74 7.88 0.00	144.62 7.76 0.00	147.42 7.81 0.00
ROTRDAM_115KV_TB3 80664	153.85 5.95 0.00	144.52 5.41 0.00	130.05 4.88 0.00	138.65 5.26 0.00	136.14 5.12 0.00	149.64 5.43 0.00	172.35 6.36 0.00	207.28 7.11 0.00	169.23 5.80 0.00	125.22 4.65 0.00	144.25 5.61 0.00	140.25 5.24 0.00	129.99 5.08 0.00	118.61 4.72 0.00	71.20 2.79 0.00	82.84 3.28 0.00	112.83 4.70 0.00	164.96 6.25 0.00	347.74 12.70 0.00	175.59 6.28 0.00	155.45 5.51 0.00	154.49 5.63 0.00	142.18 5.31 0.00	145.33 5.72 0.00
RUSSELL___1 23602	140.19 -7.70 0.00	131.59 -7.52 0.00	118.02 -7.15 0.00	126.64 -6.75 0.00	125.14 -5.88 0.00	140.40 -3.81 0.00	159.54 -6.45 0.00	190.86 -9.32 0.00	157.38 -6.05 0.00	116.36 -4.21 0.00	131.98 -5.37 1.29	130.38 -4.63 0.00	120.64 -4.27 0.00	109.92 -3.97 0.00	66.18 -2.24 0.00	77.05 -2.51 0.00	104.06 -4.07 0.00	152.42 -6.29 0.00	322.86 -12.18 0.00	164.30 -5.01 0.00	144.26 -5.68 0.00	142.54 -6.32 0.00	130.56 -6.30 0.00	133.54 -6.07 0.00
RUSSELL___2 23532	140.19 -7.70 0.00	131.59 -7.52 0.00	118.02 -7.15 0.00	126.64 -6.75 0.00	125.14 -5.88 0.00	140.40 -3.81 0.00	159.54 -6.45 0.00	190.86 -9.32 0.00	157.38 -6.05 0.00	116.36 -4.21 0.00	131.98 -5.37 1.29	130.38 -4.63 0.00	120.64 -4.27 0.00	109.92 -3.97 0.00	66.18 -2.24 0.00	77.05 -2.51 0.00	104.06 -4.07 0.00	152.42 -6.29 0.00	322.86 -12.18 0.00	164.30 -5.01 0.00	144.26 -5.68 0.00	142.54 -6.32 0.00	130.56 -6.30 0.00	133.54 -6.07 0.00
RUSSELL___3 23549	140.19 -7.70 0.00	131.59 -7.52 0.00	118.02 -7.15 0.00	126.64 -6.75 0.00	125.14 -5.88 0.00	140.40 -3.81 0.00	159.54 -6.45 0.00	190.86 -9.32 0.00	157.38 -6.05 0.00	116.36 -4.21 0.00	131.98 -5.37 1.29	130.38 -4.63 0.00	120.64 -4.27 0.00	109.92 -3.97 0.00	66.18 -2.24 0.00	77.05 -2.51 0.00	104.06 -4.07 0.00	152.42 -6.29 0.00	322.86 -12.18 0.00	164.30 -5.01 0.00	144.26 -5.68 0.00	142.54 -6.32 0.00	130.56 -6.30 0.00	133.54 -6.07 0.00
RUSSELL___4 23556	140.19 -7.70 0.00	131.59 -7.52 0.00	118.02 -7.15 0.00	126.64 -6.75 0.00	125.14 -5.88 0.00	140.40 -3.81 0.00	159.54 -6.45 0.00	190.86 -9.32 0.00	157.38 -6.05 0.00	116.36 -4.21 0.00	131.98 -5.37 1.29	130.38 -4.63 0.00	120.64 -4.27 0.00	109.92 -3.97 0.00	66.18 -2.24 0.00	77.05 -2.51 0.00	104.06 -4.07 0.00	152.42 -6.29 0.00	322.86 -12.18 0.00	164.30 -5.01 0.00	144.26 -5.68 0.00	142.54 -6.32 0.00	130.56 -6.30 0.00	133.54 -6.07 0.00
RUSSELL___STATION 23914	140.19 -7.70 0.00	131.59 -7.52 0.00	118.02 -7.15 0.00	126.64 -6.75 0.00	125.14 -5.88 0.00	140.40 -3.81 0.00	159.54 -6.45 0.00	190.86 -9.32 0.00	157.38 -6.05 0.00	116.36 -4.21 0.00	131.98 -5.37 1.29	130.38 -4.63 0.00	120.64 -4.27 0.00	109.92 -3.97 0.00	66.18 -2.24 0.00	77.05 -2.51 0.00	104.06 -4.07 0.00	152.42 -6.29 0.00	322.86 -12.18 0.00	164.30 -5.01 0.00	144.26 -5.68 0.00	142.54 -6.32 0.00	130.56 -6.30 0.00	133.54 -6.07 0.00
S SALMON___HYD 24043	150.49 1.35 -1.25	142.64 0.65 -2.89	128.33 0.32 -2.84	134.82 0.74 -0.68	134.74 1.09 -2.63	146.14 1.75 -0.18	255.82 2.32 -87.50	312.24 2.95 -109.11	244.76 3.04 -78.29	122.31 1.74 0.00	139.85 1.21 0.00	135.98 0.96 0.00	125.64 0.72 0.00	114.46 0.57 0.00	68.28 -0.13 0.00	79.18 -0.38 0.00	108.33 0.20 0.00	160.58 1.87 0.00	342.48 7.44 0.00	173.62 4.31 0.00	152.70 2.76 0.00	151.33 2.48 0.00	139.26 2.40 0.00	141.95 2.34 0.00
S.PERRY__115KV_TB1 80734	144.85 -3.05 0.00	136.03 -3.08 0.00	121.45 -3.72 0.00	130.48 -2.91 0.00	129.26 -1.76 0.00	145.45 1.24 0.00	163.15 -2.85 0.00	190.24 -9.94 0.00	157.45 -5.99 0.00	115.84 -4.74 0.00	129.56 -5.82 3.26	128.74 -6.28 0.00	119.32 -5.59 0.00	109.17 -4.72 0.00	66.05 -2.36 0.00	77.33 -2.23 0.00	105.35 -2.78 0.00	152.91 -5.80 0.00	324.69 -10.35 0.00	166.71 -2.60 0.00	152.31 2.37 0.00	149.59 0.73 0.00	136.50 -0.37 0.00	139.42 -0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	134.74 -13.16 0.00	126.51 -12.60 0.00	113.23 -11.94 0.00	122.00 -11.39 0.00	120.91 -10.11 0.00	136.95 -7.26 0.00	153.85 -12.15 0.00	183.05 -17.13 0.00	151.69 -11.74 0.00	111.99 -8.59 0.00	125.80 -10.67 2.17	125.44 -9.58 0.00	116.07 -8.84 0.00	105.61 -8.28 0.00	63.71 -4.70 0.00	74.32 -5.24 0.00	99.84 -8.29 0.00	145.87 -12.84 0.00	309.30 -25.74 0.00	158.29 -11.02 0.00	138.52 -11.42 0.00	137.03 -11.83 0.00	125.74 -11.12 0.00	129.25 -10.36 0.00

SAWYER___23_KV_LOAD 55526	134.74 -13.16 0.00	126.51 -12.60 0.00	113.23 -11.94 0.00	122.00 -11.39 0.00	120.91 -10.11 0.00	136.95 -7.26 0.00	153.85 -12.15 0.00	183.05 -17.13 0.00	151.69 -11.74 0.00	111.99 -8.59 0.00	125.80 -10.67 2.17	125.44 -9.58 0.00	116.07 -8.84 0.00	105.61 -8.28 0.00	63.71 -4.70 0.00	74.32 -5.24 0.00	99.84 -8.29 0.00	145.87 -12.84 0.00	309.30 -25.74 0.00	158.29 -11.02 0.00	138.52 -11.42 0.00	137.03 -11.83 0.00	125.74 -11.12 0.00	129.25 -10.36 0.00
SELKIRK___I 23801	153.10 5.20 0.00	143.83 4.72 0.00	129.46 4.28 0.00	137.99 4.59 0.00	135.33 4.30 0.00	148.53 4.33 0.00	170.58 4.59 0.00	204.59 4.42 0.00	166.70 3.26 0.00	123.20 2.62 0.00	142.00 3.36 0.00	138.03 3.01 0.00	128.12 3.20 0.00	117.17 3.28 0.00	70.42 2.01 0.00	82.00 2.44 0.00	111.83 3.70 0.00	163.46 4.75 0.00	344.44 9.40 0.00	173.81 4.50 0.00	154.07 4.13 0.00	153.30 4.44 0.00	141.24 4.38 0.00	144.51 4.90 0.00
SELKIRK___II 23799	152.52 4.62 0.00	143.26 4.15 0.00	128.94 3.77 0.00	137.44 4.05 0.00	134.73 3.71 0.00	147.73 3.52 0.00	169.84 3.84 0.00	203.89 3.72 0.00	166.70 3.27 0.00	123.61 3.04 0.00	142.61 3.98 0.00	138.60 3.58 0.00	128.67 3.75 0.00	117.67 3.78 0.00	70.75 2.34 0.00	82.25 2.69 0.00	111.72 3.59 0.00	162.95 4.24 0.00	343.33 8.29 0.00	173.24 3.93 0.00	153.61 3.67 0.00	152.80 3.94 0.00	140.81 3.94 0.00	144.00 4.39 0.00
SENECA OSWGO___HYD 24041	147.07 -0.82 0.00	138.01 -1.10 0.00	123.92 -1.25 0.00	132.46 -0.93 0.00	130.38 -0.64 0.00	144.48 0.28 0.00	206.31 0.07 -40.25	250.14 -0.23 -50.19	200.02 0.57 -36.01	121.20 0.63 0.00	139.09 0.46 0.00	135.45 0.43 0.00	125.31 0.39 0.00	114.22 0.33 0.00	68.48 0.07 0.00	79.55 -0.01 0.00	108.34 0.21 0.00	159.25 0.54 0.00	337.62 2.58 0.00	170.99 1.68 0.00	150.54 0.60 0.00	149.14 0.28 0.00	136.75 -0.11 0.00	139.34 -0.26 0.00
SENECA___115KV_TB3 355854	137.32 -10.58 0.00	128.99 -10.12 0.00	115.44 -9.73 0.00	124.41 -8.98 0.00	123.25 -7.77 0.00	139.51 -4.70 0.00	156.94 -9.06 0.00	186.80 -13.38 0.00	154.81 -8.63 0.00	114.44 -6.14 0.00	128.42 -7.89 2.32	128.05 -6.97 0.00	118.59 -6.32 0.00	107.90 -5.99 0.00	65.05 -3.36 0.00	75.89 -3.67 0.00	102.08 -6.05 0.00	149.09 -9.62 0.00	316.09 -18.95 0.00	161.69 -7.62 0.00	141.60 -8.34 0.00	140.16 -8.70 0.00	128.55 -8.31 0.00	131.99 -7.62 0.00
SENECA___ENERGY 23797	143.06 -4.83 0.00	134.67 -4.44 0.00	120.84 -4.33 0.00	129.37 -4.02 0.00	127.49 -3.54 0.00	141.88 -2.32 0.00	162.72 -3.28 0.00	195.30 -4.87 0.00	160.44 -3.00 0.00	118.74 -1.84 0.00	135.78 -2.39 0.47	132.69 -2.33 0.00	122.82 -2.10 0.00	111.99 -1.90 0.00	67.44 -0.97 0.00	78.47 -1.09 0.00	106.53 -1.60 0.00	155.99 -2.72 0.00	330.02 -5.02 0.00	167.45 -1.86 0.00	147.22 -2.72 0.00	145.80 -3.05 0.00	133.46 -3.40 0.00	135.87 -3.74 0.00
SHOEMAKER___GT 23640	154.84 6.95 0.00	145.62 6.51 0.00	131.14 5.97 0.00	139.73 6.34 0.00	137.03 6.01 0.00	150.51 6.30 0.00	173.10 7.10 0.00	207.97 7.79 0.00	170.43 7.00 0.00	126.43 5.85 0.00	146.40 7.77 0.00	142.34 7.32 0.00	131.98 7.07 0.00	120.54 6.65 0.00	72.40 3.99 0.00	84.27 4.71 0.00	114.59 6.46 0.00	166.93 8.22 0.00	351.44 16.40 0.00	177.48 8.17 0.00	157.11 7.17 0.00	156.16 7.30 0.00	143.93 7.06 0.0	

SITHE___BATAVIA 24024	139.60 -8.30 0.00	130.95 -8.16 0.00	117.20 -7.97 0.00	126.05 -7.34 0.00	124.83 -6.19 0.00	140.95 -3.25 0.00	158.80 -7.19 0.00	189.72 -10.45 0.00	144.60 -6.48 12.35	115.95 -4.63 0.00	130.88 -6.11 1.64	129.77 -5.25 0.00	119.91 -5.00 0.00	109.02 -4.87 0.00	65.73 -2.68 0.00	76.58 -2.99 0.00	103.03 -5.10 0.00	151.10 -7.61 0.00	320.77 -14.27 0.00	163.73 -5.58 0.00	143.29 -6.65 0.00	141.61 -7.24 0.00	129.57 -7.30 0.00	133.00 -6.61 0.00
SITHE___INDEPEND 23800	141.19 -6.70 0.00	132.68 -6.44 0.00	119.31 -5.87 0.00	127.38 -6.01 0.00	125.27 -5.75 0.00	138.46 -5.74 0.00	159.01 -6.99 0.00	191.35 -8.82 0.00	156.68 -6.75 0.00	115.77 -4.80 0.00	133.08 -5.56 0.00	129.64 -5.38 0.00	119.95 -4.97 0.00	109.37 -4.52 0.00	65.73 -2.68 0.00	76.41 -3.15 0.00	103.86 -4.27 0.00	152.29 -6.43 0.00	321.63 -13.42 0.00	162.81 -6.50 0.00	143.78 -6.16 0.00	142.61 -6.25 0.00	130.99 -5.87 0.00	133.64 -5.97 0.00
SITHE___MASSENA 23902	149.10 -1.25 -2.46	143.75 -1.02 -5.66	129.74 -0.99 -5.56	133.38 -1.35 -1.34	134.94 -1.24 -5.15	142.91 -1.65 -0.35	138.86 1.41 28.55	168.29 3.71 35.59	139.64 1.74 25.54	118.56 -2.02 0.00	134.69 -3.95 0.00	132.10 -2.92 0.00	121.80 -3.12 0.00	110.60 -3.29 0.00	66.41 -2.00 0.00	77.28 -2.28 0.00	104.79 -3.33 0.00	155.83 -2.88 0.00	330.16 -4.88 0.00	167.21 -2.10 0.00	148.44 -1.51 0.00	147.03 -1.82 0.00	134.92 -1.94 0.00	137.59 -2.02 0.00
SITHE___OGDNSBRG 24021	156.42 1.42 -7.11	156.98 1.48 -16.39	142.46 1.20 -16.09	138.25 0.97 -3.88	147.07 1.14 -14.91	146.11 0.90 -1.01	870.23 5.37 -698.87	1080.68 9.00 -871.51	793.90 5.14 -625.33	119.70 -0.88 0.00	135.39 -3.25 0.00	132.82 -2.20 0.00	122.44 -2.47 0.00	110.92 -2.98 0.00	66.63 -1.78 0.00	77.48 -2.08 0.00	105.38 -2.75 0.00	158.24 -0.47 0.00	336.44 1.40 0.00	170.52 1.21 0.00	151.29 1.35 0.00	149.84 0.98 0.00	137.49 0.63 0.00	140.31 0.70 0.00
SITHE___STERLING 23777	152.07 4.18 0.00	142.92 3.81 0.00	128.74 3.56 0.00	137.58 4.19 0.00	135.43 4.40 0.00	149.64 5.43 0.00	209.85 6.68 -37.18	254.34 7.80 -46.37	203.47 6.77 -33.27	125.88 5.30 0.00	144.28 5.65 0.00	140.48 5.46 0.00	129.64 4.73 0.00	118.26 4.37 0.00	70.74 2.33 0.00	82.19 2.63 0.00	112.39 4.26 0.00	165.13 6.41 0.00	349.04 14.00 0.00	176.45 7.14 0.00	155.89 5.95 0.00	154.53 5.67 0.00	141.80 4.94 0.00	144.46 4.85 0.00
SLEIGHT__34_KV_TB1 80719	141.62 -6.27 0.00	133.04 -6.07 0.00	119.35 -5.82 0.00	127.86 -5.53 0.00	126.17 -4.85 0.00	140.96 -3.24 0.00	161.09 -4.90 0.00	193.30 -6.88 0.00	158.98 -4.45 0.00	117.52 -3.05 0.00	134.04 -3.90 0.70	131.55 -3.46 0.00	121.68 -3.24 0.00	110.91 -2.98 0.00	66.71 -1.70 0.00	77.62 -1.94 0.00	105.08 -3.05 0.00	154.18 -4.53 0.00	326.66 -8.38 0.00	165.70 -3.61 0.00	145.43 -4.51 0.00	143.73 -5.12 0.00	131.79 -5.08 0.00	134.41 -5.20 0.00
SOUTH CAIRO___GT 23612	160.26 12.37 0.00	150.31 11.20 0.00	135.18 10.01 0.00	144.18 10.79 0.00	141.47 10.45 0.00	155.41 11.20 0.00	179.02 13.02 0.00	214.87 14.70 0.00	174.42 10.98 0.00	127.79 7.22 0.00	146.07 7.43 0.00	141.48 6.46 0.00	131.02 6.11 0.00	119.86 5.97 0.00	72.06 3.65 0.00	84.33 4.77 0.00	115.69 7.55 0.00	171.35 12.64 0.00	362.57 27.53 0.00	182.94 13.63 0.00	161.87 11.93 0.00	160.57 11.72 0.00	147.60 10.73 0.00	151.20 11.59 0.00
SOUTH HAMPTN___IC 23720	160.45 12.55 0.00	154.60 15.49 0.00	148.09 14.64 -8.28	148.65 15.26 0.00	145.67 14.64 0.00	159.66 15.45 0.00	182.42 16.42 0.00	218.91 18.74 0.00	178.76 15.32 0.00	133.36 12.78 0.00	153.76 15.13 0.00	149.55 14.53 0.00	139.74 14.83 0.00	144.67 14.11 -16.67	146.00 9.12 -68.47	138.57 10.62 -48.40	143.34 14.53 -20.68	178.04 19.33 0.00	374.12 39.08 0.00	188.92 19.61 0.00	167.49 17.55 0.00	165.98 17.12 0.00	153.71 16.84 0.00	156.15 16.54 0.00
SOUTHDOW_115KV_TB1 355954	141.53 -6.36 0.00	133.44 -5.66 0.00	119.68 -5.49 0.00	128.99 -4.40 0.00	127.65 -3.37 0.00	144.83 0.62 0.00	163.63 -2.37 0.00	195.24 -4.94 0.00	161.83 -1.61 0.00	120.10 -0.47 0.00	134.74 -1.20 2.70	134.89 -0.13 0.00	125.26 0.34 0.00	113.91 0.02 0.00	68.29 -0.12 0.00	79.51 -0.05 0.00	107.33 -0.81 0.00	156.86 -1.85 0.00	332.46 -2.58 0.00	169.51 0.21 0.00	148.11 -1.83 0.00	146.86 -2.00 0.00	134.51 -2.36 0.00	137.91 -1.70 0.00
SOUTHOLD_69_KV_BK 2 55809	159.59 11.70 0.00	156.81 17.71 0.00	150.09 16.64 -8.28	150.84 17.45 0.00	147.79 16.77 0.00	162.17 17.96 0.00	185.30 19.31 0.00	222.22 22.04 0.00	181.55 18.11 0.00	135.29 14.71 0.00	155.72 17.08 0.00	151.43 16.41 0.00	141.35 16.44 0.00	146.18 15.62 -16.67	146.96 10.08 -68.47	139.72 11.76 -48.40	145.10 16.29 -20.68	180.82 22.10 0.00	380.23 45.19 0.00	191.98 22.67 0.00	170.08 20.13 0.00	168.46 19.60 0.00	155.91 19.05 0.00	158.35 18.74 0.00
SOUTHOLD___IC 23719	159.59 11.70 0.00	156.80 17.69 0.00	150.10 16.65 -8.28	150.84 17.45 0.00	147.79 16.77 0.00	162.17 17.96 0.00	185.31 19.31 0.00	222.22 22.04 0.00	181.54 18.11 0.00	135.26 14.69 0.00	155.73 17.10 0.00	151.42 16.41 0.00	141.34 16.43 0.00	146.17 15.62 -16.67	146.98 10.10 -68.47	139.72 11.76 -48.40	145.09 16.28 -20.68	180.82 22.10 0.00	380.23 45.18 0.00	191.95 22.64 0.00	170.08 20.14 0.00	168.47 19.61 0.00	155.91 19.05 0.00	158.33 18.72 0.00
SOUTH_FORK_WT_PWR 323839	158.08 10.18 0.00	157.51 18.40 0.00	150.74 17.29 -8.28	151.55 18.15 0.00	148.52 17.50 0.00	163.03 18.82 0.00	186.26 20.27 0.00	223.19 23.02 0.00	182.42 18.98 0.00	135.91 15.33 0.00	156.39 17.75 0.00	152.00 16.98 0.00	141.90 16.99 0.00	146.68 16.12 -16.67	147.27 10.39 -68.47	140.09 12.13 -48.40	145.64 16.83 -20.68	181.65 22.94 0.00	382.04 47.00 0.00	192.87 23.56 0.00	170.84 20.89 0.00	169.21 20.35 0.00	156.63 19.77 0.00	159.02 19.42 0.00
SPIERFLS_115KV_TB 1 80737	161.14 13.24 0.00	150.81 11.70 0.00	135.63 10.46 0.00	144.84 11.45 0.00	142.34 11.32 0.00	156.97 12.76 0.00	181.36 15.36 0.00	218.21 18.03 0.00	177.53 14.10 0.00	131.43 10.85 0.00	150.99 12.35 0.00	146.34 11.33 0.00	135.20 10.29 0.00	122.97 9.08 0.00	73.10 4.69 0.00	84.88 5.32 0.00	116.14 8.01 0.00	169.95 11.24 0.00	358.48 23.44 0.00	180.62 11.30 0.00	159.70 9.76 0.00	158.88 10.03 0.00	145.99 9.12 0.00	151.62 12.01 0.00
ST LAWRENCE___ 23600	145.97 -1.93 0.00	137.47 -1.64 0.00	123.68 -1.49 0.00	131.52 -1.87 0.00	129.25 -1.77 0.00	141.95 -2.26 0.00	98.68 -1.37 65.94	118.11 0.17 82.23	103.52 -0.91 59.01	118.29 -2.29 0.00	135.09 -3.54 0.00	132.00 -3.01 0.00	121.71 -3.20 0.00	110.65 -3.24 0.00	66.52 -1.89 0.00	77.45 -2.11 0.00	104.97 -3.16 0.00	155.68 -3.03 0.00	329.57 -5.47 0.00	166.79 -2.52 0.00	148.06 -1.88 0.00	146.66 -2.19 0.00	134.55 -2.31 0.00	137.14 -2.47 0.00
STATE_CA_115KV_115_LB 55624	153.10 5.20 0.00	143.68 4.57 0.00	129.33 4.15 0.00	137.82 4.43 0.00	135.12 4.10 0.00	148.05 3.85 0.00	170.37 4.37 0.00	204.45 4.27 0.00	167.26 3.83 0.00	124.10 3.52 0.00	143.21 4.57 0.00	139.19 4.17 0.00	129.25 4.34 0.00	118.29 4.40 0.00	71.16 2.75 0.00	82.70 3.14 0.00	112.21 4.08 0.00	163.59 4.88 0.00	344.78 9.75 0.00	173.84 4.53 0.00	154.16 4.22 0.00	153.30 4.44 0.00	141.23 4.37 0.00	144.52 4.91 0.00

STATE_ST_34_KV_LOAD 55959	146.27 -1.63 0.00	137.53 -1.57 0.00	123.53 -1.65 0.00	132.14 -1.25 0.00	130.08 -0.94 0.00	144.31 0.11 0.00	183.16 -0.35 -17.52	220.90 -1.12 -21.85	179.04 -0.07 -15.68	120.86 0.28 0.00	139.55 0.13 -0.79	135.18 0.17 0.00	125.05 0.13 0.00	113.95 0.06 0.00	68.47 0.06 0.00	79.45 -0.11 0.00	107.86 -0.27 0.00	158.87 0.15 0.00	336.25 1.21 0.00	170.28 0.97 0.00	149.42 -0.52 0.00	147.95 -0.91 0.00	136.08 -0.78 0.00	138.19 -1.42 0.00
STATION_5_MISC_HYD 23604	139.39 -8.51 0.00	130.89 -8.22 0.00	117.38 -7.79 0.00	125.92 -7.47 0.00	124.45 -6.57 0.00	139.61 -4.59 0.00	158.56 -7.44 0.00	189.67 -10.51 0.00	148.31 -7.03 8.09	115.60 -4.97 0.00	131.13 -6.22 1.29	129.51 -5.50 0.00	119.81 -5.11 0.00	109.14 -4.75 0.00	65.73 -2.68 0.00	76.53 -3.03 0.00	103.34 -4.79 0.00	151.34 -7.37 0.00	320.63 -14.41 0.00	163.13 -6.18 0.00	143.26 -6.69 0.00	141.63 -7.23 0.00	129.73 -7.14 0.00	132.78 -6.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	142.67 -5.23 0.00	134.06 -5.05 0.00	120.28 -4.90 0.00	128.91 -4.48 0.00	127.22 -3.80 0.00	142.26 -1.95 0.00	162.45 -3.54 0.00	194.88 -5.30 0.00	160.38 -3.05 0.00	118.56 -2.02 0.00	134.59 -2.76 1.29	132.62 -2.40 0.00	122.75 -2.17 0.00	111.83 -2.06 0.00	67.29 -1.12 0.00	78.37 -1.19 0.00	106.12 -2.02 0.00	155.52 -3.19 0.00	329.32 -5.72 0.00	167.21 -2.10 0.00	146.87 -3.07 0.00	145.27 -3.59 0.00	132.94 -3.92 0.00	135.63 -3.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	139.01 -8.89 0.00	130.53 -8.58 0.00	117.10 -8.07 0.00	125.57 -7.82 0.00	124.06 -6.96 0.00	139.04 -5.17 0.00	158.15 -7.85 0.00	189.33 -10.85 0.00	155.99 -7.45 0.00	115.28 -5.29 0.00	130.83 -6.55 1.26	129.15 -5.87 0.00	119.48 -5.44 0.00	108.80 -5.09 0.00	65.50 -2.91 0.00	76.27 -3.29 0.00	103.06 -5.07 0.00	150.97 -7.74 0.00	319.74 -15.30 0.00	162.66 -6.65 0.00	142.87 -7.07 0.00	141.23 -7.63 0.00	129.41 -7.45 0.00	132.31 -7.29 0.00
STA_56___34_KV_BUS2 355983	139.01 -8.89 0.00	130.53 -8.58 0.00	117.10 -8.07 0.00	125.57 -7.82 0.00	124.06 -6.96 0.00	139.04 -5.17 0.00	158.15 -7.85 0.00	189.33 -10.85 0.00	155.99 -7.45 0.00	115.28 -5.29 0.00	130.83 -6.55 1.26	129.15 -5.87 0.00	119.48 -5.44 0.00	108.80 -5.09 0.00	65.50 -2.91 0.00	76.27 -3.29 0.00	103.06 -5.07 0.00	150.97 -7.74 0.00	319.74 -15.30 0.00	162.66 -6.65 0.00	142.87 -7.07 0.00	141.23 -7.63 0.00	129.41 -7.45 0.00	132.31 -7.29 0.00
STA_67___115KV_BK2 355882	139.06 -8.84 0.00	130.55 -8.56 0.00	117.10 -8.07 0.00	125.63 -7.76 0.00	124.10 -6.92 0.00	139.26 -4.95 0.00	158.19 -7.80 0.00	189.21 -10.97 0.00	155.99 -7.44 0.00	115.27 -5.31 0.00	130.74 -6.61 1.28	129.09 -5.93 0.00	119.44 -5.48 0.00	108.79 -5.10 0.00	65.49 -2.92 0.00	76.26 -3.30 0.00	102.98 -5.15 0.00	150.86 -7.85 0.00	319.56 -15.47 0.00	162.62 -6.69 0.00	142.82 -7.12 0.00	141.22 -7.63 0.00	129.43 -7.43 0.00	132.41 -7.20 0.00
STA_7___115KV_9TRANS 80674	140.19 -7.70 0.00	131.59 -7.52 0.00	118.02 -7.15 0.00	126.64 -6.75 0.00	125.14 -5.88 0.00	140.40 -3.81 0.00	159.54 -6.45 0.00	190.86 -9.32 0.00	157.38 -6.05 0.00	116.36 -4.21 0.00	131.98 -5.37 1.29	130.38 -4.63 0.00	120.64 -4.27 0.00	109.92 -3.97 0.00	66.18 -2.24 0.00	77.05 -2.51 0.00	104.06 -4.07 0.00	152.42 -6.29 0.00	322.86 -12.18 0.00	164.30 -5.01 0.00	144.26 -5.68 0.00	142.54 -6.32 0.00	130.56 -6.30 0.00	133.54 -6.07 0.00
STA_82___115KV_TB1 80780	139.09 -8.80 0.00	130.62 -8.49 0.00	117.14 -8.03 0.00	125.66 -7.73 0.00	124.20 -6.82 0.00	139.33 -4.88 0.00	158.26 -7.73 0.00	189.36 -10.82 0.00	156.06 -7.37 0.00	115.30 -5.28 0.00	130.79 -6.55 1.30	129.15 -5.87 0.00	119.50 -5.42 0.00	108.82 -5.07 0.00	65.52 -2.90 0.00	76.29 -3.27 0.00	103.06 -5.07 0.00	150.96 -7.76 0.00	319.74 -15.30 0.00	162.74 -6.58 0.00	142.93 -7.02 0.00	141.30 -7.56 0.00	129.47 -7.40 0.00	132.48 -7.13 0.00
STEEL___WIND 323596	137.04 -10.85 0.00	128.70 -10.41 0.00	115.21 -9.97 0.00	124.19 -9.20 0.00	123.04 -7.98 0.00	139.22 -4.99 0.00	156.58 -9.42 0.00	186.30 -13.88 0.00	136.40 -8.96 18.08	114.23 -6.35 0.00	128.15 -8.17 2.32	127.78 -7.24 0.00	118.33 -6.59 0.00	107.69 -6.20 0.00	64.94 -3.47 0.00	75.76 -3.80 0.00	101.89 -6.24 0.00	148.75 -9.97 0.00	315.48 -19.56 0.00	161.38 -7.93 0.00	141.41 -8.53 0.00	139.98 -8.88 0.00	128.44 -8.43 0.00	131.76 -7.85 0.00
STEPHTWN_115KV_BK_2 55603	154.59 6.70 0.00	145.05 5.94 0.00	130.42 5.25 0.00	139.13 5.74 0.00	136.42 5.40 0.00	149.45 5.24 0.00	172.16 6.17 0.00	206.67 6.49 0.00	168.47 5.03 0.00	125.17 4.59 0.00	144.27 5.63 0.00	140.01 5.00 0.00	130.21 5.29 0.00	119.23 5.34 0.00	71.58 3.17 0.00	83.37 3.81 0.00	113.26 5.14 0.00	165.37 6.65 0.00	348.37 13.33 0.00	175.47 6.16 0.00	155.67 5.73 0.00	154.68 5.82 0.00	142.48 5.61 0.00	145.96 6.35 0.00
STEUBEN_REC_LFGE 323667	140.36 -7.53 0.00	132.25 -6.86 0.00	116.97 -8.20 0.00	126.15 -7.24 0.00	125.31 -5.71 0.00	140.89 -3.32 0.00	160.26 -5.73 0.00	191.96 -8.21 0.00	159.48 -3.95 0.00	117.49 -3.09 0.00	126.25 -4.94 7.45	129.64 -5.38 0.00	121.39 -3.53 0.00	110.97 -2.92 0.00	66.93 -1.48 0.00	78.27 -1.29 0.00	106.35 -1.78 0.00	155.64 -3.07 0.00	330.23 -4.81 0.00	168.36 -0.95 0.00	148.33 -1.61 0.00	147.72 -1.13 0.00	134.90 -1.96 0.00	137.93 -1.68 0.00
STILLWATER___SOLAR 323814	158.10 10.21 0.00	148.15 9.05 0.00	133.26 8.08 0.00	142.17 8.78 0.00	139.57 8.55 0.00	153.65 9.45 0.00	177.19 11.19 0.00	213.02 12.85 0.00	173.60 10.16 0.00	128.54 7.97 0.00	147.91 9.28 0.00	143.61 8.60 0.00	132.96 8.05 0.00	121.31 7.42 0.00	72.65 4.24 0.00	84.53 4.97 0.00	115.41 7.28 0.00	168.87 10.16 0.00	355.77 20.73 0.00	179.40 10.09 0.00	158.82 8.88 0.00	157.88 9.02 0.00	145.21 8.35 0.00	149.05 9.45 0.00
STONY___BROOK 24151	158.77 10.88 0.00	150.91 11.80 0.00	144.79 11.34 -8.28	145.03 11.64 0.00	142.01 10.99 0.00	155.24 11.03 0.00	177.25 11.26 0.00	212.97 12.79 0.00	173.88 10.44 0.00	129.93 9.35 0.00	150.28 11.65 0.00	146.54 11.53 0.00	137.40 12.48 0.00	142.48 11.93 -16.67	144.43 7.55 -68.47	136.58 8.63 -48.40	140.39 11.59 -20.68	173.36 14.65 0.00	363.77 28.73 0.00	183.72 14.41 0.00	163.00 13.06 0.00	161.71 12.85 0.00	149.74 12.88 0.00	152.28 12.67 0.00
STURGEON_POOL_HYD 23609	157.11 9.22 0.00	147.74 8.63 0.00	133.06 7.88 0.00	141.86 8.47 0.00	139.08 8.06 0.00	152.80 8.59 0.00	175.68 9.69 0.00	211.26 11.08 0.00	173.38 9.94 0.00	128.74 8.17 0.00	149.17 10.53 0.00	144.96 9.94 0.00	134.39 9.47 0.00	122.73 8.84 0.00	73.74 5.32 0.00	85.79 6.23 0.00	116.62 8.49 0.00	169.71 11.00 0.00	357.04 21.99 0.00	180.33 11.01 0.00	159.59 9.65 0.00	158.65 9.79 0.00	146.21 9.35 0.00	148.88 9.27 0.00
ST_LAW_115_BK7_LBMP 345037	145.89 -2.01 0.00	137.44 -1.67 0.00	123.59 -1.59 0.00	131.46 -1.94 0.00	129.19 -1.83 0.00	141.82 -2.39 0.00	98.90 -1.26 65.84	118.44 0.37 82.10	103.71 -0.81 58.91	118.11 -2.46 0.00	134.79 -3.85 0.00	131.73 -3.28 0.00	121.48 -3.43 0.00	110.42 -3.47 0.00	66.36 -2.05 0.00	77.27 -2.30 0.00	104.71 -3.42 0.00	155.38 -3.33 0.00	329.00 -6.04 0.00	166.56 -2.75 0.00	147.91 -2.03 0.00	146.44 -2.42 0.00	134.36 -2.51 0.00	136.94 -2.67 0.00

ST_LAW_115_BK8_LBMP 345038	145.89 -2.01 0.00	137.44 -1.67 0.00	123.59 -1.59 0.00	131.46 -1.94 0.00	129.19 -1.83 0.00	141.82 -2.39 0.00	98.90 -1.26 65.84	118.44 0.37 82.10	103.71 -0.81 58.91	118.11 -2.46 0.00	134.79 -3.85 0.00	131.73 -3.28 0.00	121.48 -3.43 0.00	110.42 -3.47 0.00	66.36 -2.05 0.00	77.27 -2.30 0.00	104.71 -3.42 0.00	155.38 -3.33 0.00	329.00 -6.04 0.00	166.56 -2.75 0.00	147.91 -2.03 0.00	146.44 -2.42 0.00	134.36 -2.51 0.00	136.94 -2.67 0.00
ST_LAW_230_BK5_LBMP 345035	145.97 -1.93 0.00	137.47 -1.64 0.00	123.68 -1.49 0.00	131.52 -1.87 0.00	129.25 -1.77 0.00	141.95 -2.26 0.00	98.60 -1.37 66.02	118.02 0.17 82.33	103.45 -0.91 59.07	118.29 -2.29 0.00	135.09 -3.54 0.00	132.00 -3.01 0.00	121.71 -3.20 0.00	110.65 -3.24 0.00	66.52 -1.89 0.00	77.45 -2.11 0.00	104.97 -3.16 0.00	155.68 -3.03 0.00	329.57 -5.47 0.00	166.79 -2.52 0.00	148.06 -1.88 0.00	146.66 -2.19 0.00	134.55 -2.31 0.00	137.14 -2.47 0.00
ST_LAW_230_BK6_LBMP 345036	145.97 -1.93 0.00	137.47 -1.64 0.00	123.68 -1.49 0.00	131.52 -1.87 0.00	129.25 -1.77 0.00	141.95 -2.26 0.00	98.60 -1.37 66.02	118.02 0.17 82.33	103.45 -0.91 59.07	118.29 -2.29 0.00	135.09 -3.54 0.00	132.00 -3.01 0.00	121.71 -3.20 0.00	110.65 -3.24 0.00	66.52 -1.89 0.00	77.45 -2.11 0.00	104.97 -3.16 0.00	155.68 -3.03 0.00	329.57 -5.47 0.00	166.79 -2.52 0.00	148.06 -1.88 0.00	146.66 -2.19 0.00	134.55 -2.31 0.00	137.14 -2.47 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	155.49 7.59 0.00	146.19 7.09 0.00	131.69 6.52 0.00	140.27 6.88 0.00	137.56 6.54 0.00	151.01 6.80 0.00	173.76 7.76 0.00	208.75 8.58 0.00	171.28 7.85 0.00	127.30 6.72 0.00	147.55 8.92 0.00	143.41 8.40 0.00	133.01 8.10 0.00	121.52 7.63 0.00	73.00 4.59 0.00	84.87 5.31 0.00	115.33 7.20 0.00	167.95 9.24 0.00	353.47 18.42 0.00	178.35 9.04 0.00	157.83 7.89 0.00	156.83 7.97 0.00	144.61 7.75 0.00	147.34 7.73 0.00
SWANROAD_115KV_TB1 355699	131.83 -16.06 0.00	123.63 -15.47 0.00	110.65 -14.53 0.00	119.19 -14.20 0.00	118.20 -12.82 0.00	133.96 -10.25 0.00	149.34 -16.66 0.00	177.47 -22.70 0.00	146.98 -16.45 0.00	108.72 -11.86 0.00	122.37 -14.33 1.93	121.87 -13.14 0.00	112.76 -12.15 0.00	102.61 -11.28 0.00	61.91 -6.50 0.00	72.21 -7.35 0.00	96.69 -11.44 0.00	141.08 -17.63 0.00	299.11 -35.94 0.00	153.21 -16.10 0.00	134.18 -15.76 0.00	132.84 -16.02 0.00	121.95 -14.92 0.00	125.70 -13.91 0.00
SYNERGY___BIOGAS 323694	139.60 -8.30 0.00	130.95 -8.16 0.00	117.20 -7.97 0.00	126.05 -7.34 0.00	124.83 -6.19 0.00	140.95 -3.25 0.00	158.80 -7.19 0.00	189.72 -10.45 0.00	144.60 -6.48 12.35	115.95 -4.63 0.00	130.88 -6.11 1.64	129.77 -5.25 0.00	119.91 -5.00 0.00	109.02 -4.87 0.00	65.73 -2.68 0.00	76.58 -2.99 0.00	103.03 -5.10 0.00	151.10 -7.61 0.00	320.77 -14.27 0.00	163.73 -5.58 0.00	143.29 -6.65 0.00	141.61 -7.24 0.00	129.57 -7.30 0.00	133.00 -6.61 0.00
SYRACUSE___ENERGY_ST1 323597	145.81 -2.09 0.00	136.94 -2.17 0.00	123.05 -2.13 0.00	131.48 -1.91 0.00	129.39 -1.64 0.00	143.27 -0.94 0.00	186.78 -1.43 -22.21	225.64 -2.24 -27.70	182.10 -1.21 -19.87	120.03 -0.55 0.00	137.87 -0.77 0.00	134.29 -0.72 0.00	124.23 -0.68 0.00	113.24 -0.65 0.00	67.98 -0.43 0.00	79.05 -0.51 0.00	107.52 -0.61 0.00	157.86 -0.85 0.00	333.85 -1.19 0.00	169.04 -0.27 0.00	148.84 -1.11 0.00	147.62 -1.24 0.00	135.48 -1.39 0.00	137.94 -1.67 0.00
SYRACUSE___ENERGY_ST2 323598	145.81 -2.09 0.00	136.94 -2.17 0.00	123.05 -2.13 0.00	131.48 -1.91 0.00	129.39 -1.64 0.00	143.27 -0.94 0.00	186.78 -1.43 -22.21	225.64 -2.24 -27.70	182.10 -1.21 -19.87	120.03 -0.55 0.00	137.87 -0.77 0.00	134.29 -0.72 0.00	124.23 -0.68 0.00	113.24 -0.65 0.00	67.98 -0.43 0.00	79.05 -0.51 0.00	107.52 -0.61 0.00	157.86 -0.85 0.00	333.85 -1.19 0.00	169.04 -0.27 0.00	148.84 -1.11 0.00	147.62 -1.24 0.00	135.48 -1.39 0.00	137.94 -1.67 0.00
SYRACUSE___POWER 24017	145.43 -2.47 0.00	136.57 -2.54 0.00	122.68 -2.49 0.00	131.11 -2.28 0.00	128.99 -2.03 0.00	142.84 -1.37 0.00	185.62 -1.96 -21.58	224.20 -2.89 -26.91	181.03 -1.71 -19.31	119.70 -0.88 0.00	138.12 -1.05 -0.54	133.97 -1.05 0.00	123.95 -0.96 0.00	112.95 -0.94 0.00	67.82 -0.59 0.00	78.83 -0.73 0.00	107.31 -0.82 0.00	157.33 -1.39 0.00	332.77 -2.27 0.00	168.47 -0.84 0.00	148.52 -1.42 0.00	147.24 -1.61 0.00	135.10 -1.77 0.00	137.67 -1.94 0.00
TALLMAN___138KV_BK151 55660	156.10 8.21 0.00	146.75 7.64 0.00	132.20 7.03 0.00	140.73 7.34 0.00	137.95 6.92 0.00	151.45 7.25 0.00	174.19 8.19 0.00	209.25 9.08 0.00	171.88 8.45 0.00	127.92 7.35 0.00	148.50 9.87 0.00	144.28 9.26 0.00	133.86 8.95 0.00	122.38 8.49 0.00	73.52 5.11 0.00	85.41 5.85 0.00	115.94 7.81 0.00	168.77 10.06 0.00	355.20 20.16 0.00	179.14 9.83 0.00	158.41 8.47 0.00	157.48 8.62 0.00	145.23 8.36 0.00	147.96 8.35 0.00
TEALLAVE_115KV_TB7 355573	144.17 -3.73 0.00	135.40 -3.71 0.00	121.68 -3.50 0.00	130.04 -3.36 0.00	127.96 -3.07 0.00	141.68 -2.52 0.00	186.66 -3.31 -23.98	225.54 -4.54 -29.90	181.84 -3.05 -21.45	118.71 -1.87 0.00	136.45 -2.19 0.00	132.91 -2.11 0.00	122.96 -1.96 0.00	112.07 -1.82 0.00	67.29 -1.12 0.00	78.25 -1.31 0.00	106.44 -1.69 0.00	156.04 -2.67 0.00	329.86 -5.18 0.00	167.00 -2.31 0.00	147.19 -2.75 0.00	145.98 -2.88 0.00	133.98 -2.89 0.00	136.56 -3.04 0.00
TELGRAPH_34_KV_EAST 80808	135.43 -12.46 0.00	127.08 -12.03 0.00	113.75 -11.42 0.00	122.47 -10.92 0.00	121.31 -9.71 0.00	137.19 -7.02 0.00	153.73 -12.26 0.00	183.18 -17.00 0.00	151.67 -11.76 0.00	112.07 -8.50 0.00	126.42 -10.47 1.75	125.60 -9.42 0.00	116.17 -8.75 0.00	105.68 -8.21 0.00	63.73 -4.68 0.00	74.31 -5.25 0.00	99.74 -8.39 0.00	145.78 -12.93 0.00	309.16 -25.88 0.00	158.10 -11.21 0.00	138.41 -11.52 0.00	136.92 -11.94 0.00	125.50 -11.37 0.00	129.04 -10.57 0.00
TEMPLE___115KV_TB 2 55572	144.18 -3.71 0.00	135.44 -3.67 0.00	121.68 -3.50 0.00	130.04 -3.36 0.00	127.96 -3.06 0.00	141.69 -2.51 0.00	186.14 -3.31 -23.45	224.87 -4.56 -29.25	181.37 -3.05 -20.99	118.71 -1.87 0.00	136.47 -2.16 0.00	132.92 -2.09 0.00	122.99 -1.93 0.00	112.10 -1.79 0.00	67.33 -1.08 0.00	78.27 -1.29 0.00	106.49 -1.64 0.00	156.06 -2.65 0.00	329.89 -5.15 0.00	167.02 -2.29 0.00	147.24 -2.71 0.00	145.98 -2.88 0.00	133.98 -2.89 0.00	136.56 -3.04 0.00
TIANA____69_KV_BK 1 55817	160.57 12.68 0.00	154.07 14.96 0.00	147.59 14.14 -8.28	148.10 14.71 0.00	145.13 14.11 0.00	159.01 14.80 0.00	181.65 15.66 0.00	218.08 17.90 0.00	178.05 14.62 0.00	132.84 12.26 0.00	153.23 14.59 0.00	149.04 14.03 0.00	139.28 14.37 0.00	144.23 13.67 -16.67	145.74 8.87 -68.47	138.28 10.32 -48.40	142.91 14.10 -20.68	177.40 18.69 0.00	372.71 37.67 0.00	188.28 18.97 0.00	166.93 16.99 0.00	165.48 16.62 0.00	153.22 16.36 0.00	155.66 16.05 0.00
TILDEN___115KV_TB1 80814	145.43 -2.47 0.00	136.57 -2.54 0.00	122.68 -2.49 0.00	131.11 -2.28 0.00	128.99 -2.03 0.00	142.84 -1.37 0.00	185.62 -1.96 -21.58	224.20 -2.89 -26.91	181.03 -1.71 -19.31	119.70 -0.88 0.00	138.12 -1.05 -0.54	133.97 -1.05 0.00	123.95 -0.96 0.00	112.95 -0.94 0.00	67.82 -0.59 0.00	78.83 -0.73 0.00	107.31 -0.82 0.00	157.33 -1.39 0.00	332.77 -2.27 0.00	168.47 -0.84 0.00	148.52 -1.42 0.00	147.24 -1.61 0.00	135.10 -1.77 0.00	137.67 -1.94 0.00

TRIGEN___CC 323695	158.27 10.38 0.00	149.54 10.43 0.00	143.18 9.73 -8.28	143.45 10.06 0.00	140.52 9.50 0.00	153.92 9.71 0.00	176.52 10.53 0.00	211.96 11.78 0.00	174.06 10.62 0.00	129.89 9.31 0.00	150.68 12.04 0.00	146.60 11.59 0.00	136.59 11.68 0.00	141.52 10.96 -16.67	143.65 6.77 -68.47	135.82 7.86 -48.40	139.34 10.54 -20.68	171.86 13.14 0.00	360.39 25.35 0.00	182.09 12.77 0.00	161.33 11.39 0.00	160.35 11.49 0.00	148.24 11.37 0.00	151.01 11.41 0.00
TRINITY___115KV___4 BK 55933	152.49 4.60 0.00	143.09 3.98 0.00	128.80 3.63 0.00	137.27 3.87 0.00	134.56 3.54 0.00	147.41 3.20 0.00	169.54 3.54 0.00	203.41 3.24 0.00	166.36 2.93 0.00	123.52 2.94 0.00	142.51 3.87 0.00	138.47 3.45 0.00	128.62 3.70 0.00	117.71 3.82 0.00	70.81 2.41 0.00	82.31 2.75 0.00	111.64 3.51 0.00	162.65 3.94 0.00	342.83 7.79 0.00	172.84 3.53 0.00	153.32 3.38 0.00	152.52 3.66 0.00	140.57 3.70 0.00	143.87 4.26 0.00
UNION___PROCESSING_DRP 323587	139.16 -8.74 0.00	130.67 -8.44 0.00	117.19 -7.98 0.00	125.72 -7.67 0.00	124.24 -6.78 0.00	139.36 -4.84 0.00	158.36 -7.64 0.00	189.39 -10.79 0.00	156.10 -7.33 0.00	115.39 -5.19 0.00	130.85 -6.50 1.29	129.20 -5.82 0.00	119.53 -5.38 0.00	108.85 -5.04 0.00	65.54 -2.87 0.00	76.31 -3.25 0.00	103.08 -5.05 0.00	151.00 -7.72 0.00	319.87 -15.17 0.00	162.79 -6.52 0.00	142.97 -6.97 0.00	141.35 -7.51 0.00	129.54 -7.33 0.00	132.51 -7.09 0.00
UPPER HUDSON___HYD 24058	161.14 13.24 0.00	150.80 11.69 0.00	135.64 10.46 0.00	144.84 11.45 0.00	142.34 11.31 0.00	156.97 12.76 0.00	181.36 15.36 0.00	218.21 18.03 0.00	177.54 14.10 0.00	131.43 10.85 0.00	150.99 12.35 0.00	146.34 11.33 0.00	135.20 10.28 0.00	122.97 9.08 0.00	73.10 4.69 0.00	84.88 5.32 0.00	116.14 8.01 0.00	169.95 11.24 0.00	358.47 23.43 0.00	180.61 11.30 0.00	159.70 9.76 0.00	158.89 10.03 0.00	145.99 9.12 0.00	151.61 12.01 0.00
UPPER RAQUET___HYD 24056	157.19 -0.77 -10.06	161.58 -0.73 -23.20	147.12 -0.83 -22.78	137.76 -1.13 -5.50	151.12 -1.00 -21.10	144.27 -1.36 -1.43	868.34 2.92 -699.43	1078.49 6.11 -872.21	792.58 3.32 -625.83	118.76 -1.82 0.00	134.47 -4.17 0.00	131.92 -3.10 0.00	121.54 -3.37 0.00	109.93 -3.96 0.00	65.63 -2.78 0.00	76.06 -3.50 0.00	103.20 -4.93 0.00	154.45 -4.27 0.00	328.31 -6.73 0.00	166.42 -2.89 0.00	147.70 -2.24 0.00	146.64 -2.21 0.00	134.94 -1.92 0.00	138.21 -1.39 0.00
VALLEY44_115KV_TB2 355964	141.85 -6.04 0.00	133.31 -5.80 0.00	119.53 -5.65 0.00	128.63 -4.76 0.00	126.62 -4.40 0.00	142.51 -1.70 0.00	160.30 -5.70 0.00	191.47 -8.71 0.00	158.69 -4.74 0.00	117.35 -3.22 0.00	132.13 -3.71 2.79	132.45 -2.57 0.00	123.22 -1.70 0.00	112.22 -1.67 0.00	67.10 -1.30 0.00	77.98 -1.58 0.00	105.15 -2.98 0.00	153.27 -5.45 0.00	324.38 -10.66 0.00	165.89 -3.42 0.00	145.06 -4.88 0.00	144.28 -4.57 0.00	132.43 -4.44 0.00	136.03 -3.58 0.00
VALLEY___115KV_TB 1-4 80826	152.94 5.05 0.00	143.50 4.40 0.00	129.11 3.93 0.00	137.72 4.33 0.00	135.19 4.17 0.00	148.70 4.49 0.00	171.42 5.43 0.00	205.76 5.58 0.00	167.61 4.17 0.00	123.95 3.38 0.00	142.73 4.10 0.00	138.77 3.76 0.00	128.57 3.65 0.00	117.45 3.56 0.00	70.49 2.08 0.00	82.27 2.71 0.00	112.23 4.09 0.00	163.96 5.25 0.00	345.69 10.65 0.00	174.28 4.97 0.00	154.29 4.35 0.00	153.66 4.80 0.00	141.42 4.55 0.00	144.47 4.86 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	160.10 12.21 0.00	150.77 11.66 0.00	135.68 10.50 0.00	144.89 11.50 0.00	142.38 11.35 0.00	157.21 13.00 0.00	180.71 14.72 0.00	216.34 16.16 0.00	177.81 14.38 0.00	131.35 10.77 0.00	151.18 12.55 0.00	146.93 11.91 0.00	136.13 11.21 0.00	123.94 10.05 0.00	74.15 5.74 0.00	86.23 6.67 0.00	117.57 9.44 0.00	172.00 13.29 0.00	362.69 27.65 0.00	183.54 14.23 0.00	162.17 12.23 0.00	161.03 12.17 0.00	147.90 11.03 0.00	150.75 11.15 0.00
VISCHER___FERRY HYD 24020	155.40 7.51 0.00	145.61 6.50 0.00	131.05 5.88 0.00	139.70 6.31 0.00	137.07 6.05 0.00	150.47 6.26 0.00	173.39 7.40 0.00	208.25 8.08 0.00	169.92 6.49 0.00	126.08 5.50 0.00	145.26 6.63 0.00	141.10 6.08 0.00	130.77 5.85 0.00	119.56 5.67 0.00	71.81 3.39 0.00	83.54 3.98 0.00	113.69 5.56 0.00	165.90 7.18 0.00	349.63 14.60 0.00	176.37 7.06 0.00	156.34 6.40 0.00	155.57 6.72 0.00	143.22 6.35 0.00	146.58 6.97 0.00
V_A_10_SYNC_DSASP 323832	133.84 -14.05 0.00	125.66 -13.44 0.00	112.60 -12.57 0.00	121.11 -12.29 0.00	119.82 -11.20 0.00	135.17 -9.04 0.00	152.34 -13.66 0.00	181.53 -18.65 0.00	136.93 -13.32 13.19	110.90 -9.68 0.00	125.22 -11.77 1.64	124.32 -10.70 0.00	115.05 -9.86 0.00	104.69 -9.20 0.00	63.09 -5.32 0.00	73.51 -6.05 0.00	98.89 -9.24 0.00	144.56 -14.15 0.00	306.42 -28.62 0.00	156.46 -12.85 0.00	137.17 -12.77 0.00	135.68 -13.18 0.00	124.48 -12.38 0.00	127.88 -11.72 0.00
V_CMM_10_SYNC_DSASP 323787	146.06 -1.83 0.00	137.62 -1.49 0.00	123.80 -1.37 0.00	131.68 -1.71 0.00	129.40 -1.63 0.00	141.99 -2.22 0.00	99.06 -1.10 65.84	118.69 0.62 82.10	103.90 -0.62 58.91	118.27 -2.31 0.00	134.98 -3.66 0.00	131.93 -3.09 0.00	121.63 -3.28 0.00	110.54 -3.35 0.00	66.44 -1.98 0.00	77.35 -2.21 0.00	104.84 -3.29 0.00	155.58 -3.13 0.00	329.44 -5.60 0.00	166.76 -2.55 0.00	148.06 -1.88 0.00	146.61 -2.24 0.00	134.51 -2.36 0.00	137.09 -2.51 0.00
V_CMP_10_SYNC_DSASP 323788	84.95 -3.23 59.71	-1.76 -3.17 137.70	-12.64 -2.61 135.21	97.90 -2.86 32.63	2.67 -3.10 125.25	132.53 -3.21 8.47	-23.97 -0.52 189.45	-32.36 3.71 236.25	-5.29 0.79 169.51	118.76 -1.82 0.00	136.14 -2.50 0.00	133.70 -1.32 0.00	123.19 -1.72 0.00	112.36 -1.53 0.00	67.59 -0.82 0.00	78.87 -0.69 0.00	106.37 -1.76 0.00	157.15 -1.56 0.00	332.71 -2.33 0.00	168.39 -0.92 0.00	150.12 0.18 0.00	148.86 0.01 0.00	136.31 -0.56 0.00	138.88 -0.73 0.00
V_D_10_SYNC_DSASP 323841	149.01 -1.23 -2.35	143.52 -0.99 -5.41	129.52 -0.96 -5.31	133.38 -1.29 -1.28	134.74 -1.20 -4.92	142.93 -1.61 -0.33	101.81 1.39 65.56	122.05 3.64 81.76	106.47 1.70 58.66	118.59 -1.99 0.00	134.79 -3.85 0.00	132.12 -2.89 0.00	121.84 -3.08 0.00	110.63 -3.26 0.00	66.45 -1.96 0.00	77.33 -2.23 0.00	104.82 -3.31 0.00	155.86 -2.85 0.00	330.22 -4.82 0.00	167.26 -2.05 0.00	148.50 -1.44 0.00	147.11 -1.75 0.00	134.98 -1.88 0.00	137.64 -1.97 0.00
V_E_10_SYNC_DSASP 323830	154.43 6.54 0.00	145.81 6.71 0.00	131.71 6.53 0.00	142.48 9.08 0.00	140.59 9.57 0.00	158.00 13.79 0.00	183.27 17.27 0.00	221.63 21.45 0.00	185.55 17.59 -4.52	134.10 13.52 0.00	157.24 15.17 -3.43	148.99 13.98 0.00	137.01 12.10 0.00	123.69 9.79 0.00	73.70 5.29 0.00	85.64 6.08 0.00	118.03 9.90 0.00	176.77 18.06 0.00	374.61 39.57 0.00	189.85 20.54 0.00	166.78 16.84 0.00	165.03 16.17 0.00	150.88 14.01 0.00	153.03 13.42 0.00
V_F_30_NSYNC___DSASP 323816	158.19 10.29 0.00	148.28 9.17 0.00	133.38 8.20 0.00	142.25 8.86 0.00	139.70 8.68 0.00	153.74 9.53 0.00	177.33 11.33 0.00	213.22 13.04 0.00	173.81 10.38 0.00	128.68 8.11 0.00	148.09 9.45 0.00	143.82 8.80 0.00	133.17 8.25 0.00	121.46 7.57 0.00	72.76 4.35 0.00	84.61 5.05 0.00	115.52 7.39 0.00	169.04 10.33 0.00	356.12 21.08 0.00	179.61 10.30 0.00	158.97 9.03 0.00	158.01 9.15 0.00	145.32 8.45 0.00	149.14 9.53 0.00

V_F_30_SYNC_DSASP 323786	153.08 5.19 0.00	143.68 4.57 0.00	129.33 4.15 0.00	137.82 4.43 0.00	135.12 4.10 0.00	148.05 3.85 0.00	170.37 4.37 0.00	204.45 4.27 0.00	167.26 3.83 0.00	124.09 3.51 0.00	143.19 4.56 0.00	139.19 4.17 0.00	129.25 4.34 0.00	118.28 4.39 0.00	71.16 2.75 0.00	82.70 3.14 0.00	112.20 4.08 0.00	163.57 4.86 0.00	344.73 9.69 0.00	173.81 4.50 0.00	154.15 4.21 0.00	153.28 4.42 0.00	141.23 4.37 0.00	144.52 4.91 0.00
V_XM_10_SYNC_DSASP 323789	84.95 -3.23 59.71	-1.76 -3.17 137.70	-12.64 -2.61 135.21	97.90 -2.86 32.63	2.67 -3.10 125.25	132.53 -3.21 8.47	-23.97 -0.52 189.45	-32.36 3.71 236.25	-5.29 0.79 169.51	118.76 -1.82 0.00	136.14 -2.50 0.00	133.70 -1.32 0.00	123.19 -1.72 0.00	112.36 -1.53 0.00	67.59 -0.82 0.00	78.87 -0.69 0.00	106.37 -1.76 0.00	157.15 -1.56 0.00	332.71 -2.33 0.00	168.39 -0.92 0.00	150.12 0.18 0.00	148.86 0.01 0.00	136.31 -0.56 0.00	138.88 -0.73 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	156.66 8.76 0.00	147.28 8.17 0.00	132.65 7.48 0.00	141.22 7.83 0.00	138.46 7.44 0.00	152.03 7.82 0.00	174.86 8.87 0.00	210.12 9.95 0.00	172.55 9.11 0.00	128.42 7.84 0.00	149.04 10.41 0.00	144.82 9.80 0.00	134.35 9.44 0.00	122.81 8.92 0.00	73.79 5.38 0.00	85.77 6.20 0.00	116.44 8.31 0.00	169.47 10.76 0.00	356.64 21.60 0.00	179.86 10.55 0.00	159.08 9.14 0.00	158.11 9.25 0.00	145.79 8.92 0.00	148.50 8.89 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	157.71 9.82 0.00	148.24 9.13 0.00	133.50 8.32 0.00	142.13 8.74 0.00	139.26 8.24 0.00	152.63 8.43 0.00	175.57 9.57 0.00	211.21 11.03 0.00	174.16 10.72 0.00	129.65 9.07 0.00	151.11 12.47 0.00	146.91 11.89 0.00	136.21 11.30 0.00	124.05 10.16 0.00	74.55 6.14 0.00	86.70 7.14 0.00	117.69 9.56 0.00	170.81 12.10 0.00	358.77 23.73 0.00	180.90 11.59 0.00	159.88 9.94 0.00	158.84 9.98 0.00	146.61 9.75 0.00	149.47 9.86 0.00
W50THST__13_KV_LOAD 356117	158.41 10.52 0.00	148.93 9.82 0.00	134.11 8.94 0.00	142.75 9.36 0.00	139.90 8.88 0.00	153.44 9.23 0.00	176.52 10.52 0.00	212.43 12.25 0.00	175.23 11.80 0.00	130.46 9.89 0.00	152.06 13.42 0.00	147.92 12.91 0.00	137.09 12.18 0.00	124.93 11.04 0.00	75.06 6.65 0.00	87.30 7.74 0.00	118.61 10.48 0.00	172.06 13.34 0.00	361.06 26.02 0.00	181.96 12.65 0.00	160.81 10.87 0.00	159.66 10.80 0.00	147.43 10.57 0.00	150.29 10.68 0.00
WADING RIVER_IC_1 23522	160.04 12.14 0.00	152.79 13.68 0.00	146.48 13.03 -8.28	146.88 13.49 0.00	143.89 12.87 0.00	157.54 13.34 0.00	179.98 13.98 0.00	216.13 15.96 0.00	176.47 13.04 0.00	131.72 11.14 0.00	152.13 13.50 0.00	147.97 12.95 0.00	138.36 13.45 0.00	143.38 12.82 -16.67	145.22 8.34 -68.47	137.64 9.68 -48.40	141.94 13.13 -20.68	175.88 17.16 0.00	369.40 34.35 0.00	186.56 17.25 0.00	165.45 15.51 0.00	164.06 15.21 0.00	151.97 15.10 0.00	154.41 14.80 0.00
WADING RIVER_IC_2 23547	160.04 12.14 0.00	152.79 13.68 0.00	146.48 13.03 -8.28	146.88 13.49 0.00	143.89 12.87 0.00	157.54 13.34 0.00	179.98 13.98 0.00	216.13 15.96 0.00	176.47 13.04 0.00	131.72 11.14 0.00	152.13 13.50 0.00	147.97 12.95 0.00	138.36 13.45 0.00	143.38 12.82 -16.67	145.22 8.34 -68.47	137.64 9.68 -48.40	141.94 13.13 -20.68	175.88 17.16 0.00	369.40 34.35 0.00	186.56 17.25 0.00	165.45 15.51 0.00	164.06 15.21 0.00	151.97 15.10 0.00	154.41 14.80 0.00
WADING RIVER_IC_3 23601	160.04 12.14 0.00	152.79 13.68 0.00	146.48 13.03 -8.28	146.88 13.49 0.00	143.89 12.87 0.00	157.54 13.34 0.00	179.98 13.98 0.00	216.13 15.96 0.00	176.47 13.04 0.00	131.72 11.14 0.00	152.13 13.50 0.00	147.97 12.95 0.00	138.36 13.45 0.00	143.38 12.82 -16.67	145.22 8.34 -68.47	137.64 9.68 -48.40	141.94 13.13 -20.68	175.88 17.16 0.00	369.40 34.35 0.00	186.56 17.25 0.00	165.45 15.51 0.00	164.06 15.21 0.00	151.97 15.10 0.00	154.41 14.80 0.00
WALDENNY_12_KV_BK2 80841	137.13 -10.76 0.00	128.77 -10.34 0.00	115.24 -9.94 0.00	124.18 -9.21 0.00	123.01 -8.01 0.00	139.30 -4.90 0.00	156.53 -9.46 0.00	186.37 -13.81 0.00	154.48 -8.96 0.00	114.20 -6.37 0.00	128.23 -8.12 2.28	127.89 -7.12 0.00	118.41 -6.50 0.00	107.77 -6.12 0.00	64.95 -3.46 0.00	75.81 -3.75 0.00	101.91 -6.22 0.00	148.81 -9.90 0.00	315.48 -19.56 0.00	161.32 -7.98 0.00	141.26 -8.68 0.00	139.82 -9.04 0.00	128.21 -8.66 0.00	131.71 -7.90 0.00
WALDEN__HYDRO 24148	156.71 8.82 0.00	147.31 8.20 0.00	132.67 7.50 0.00	141.41 8.02 0.00	138.65 7.63 0.00	152.30 8.09 0.00	175.27 9.27 0.00	210.64 10.46 0.00	172.74 9.30 0.00	128.25 7.68 0.00	148.59 9.96 0.00	144.41 9.39 0.00	133.89 8.97 0.00	122.29 8.40 0.00	73.49 5.08 0.00	85.47 5.91 0.00	116.22 8.09 0.00	169.30 10.59 0.00	356.40 21.36 0.00	179.87 10.56 0.00	159.18 9.24 0.00	158.18 9.32 0.00	145.79 8.92 0.00	148.49 8.88 0.00
WARRENSBURG____ 23737	161.14 13.24 0.00	150.80 11.69 0.00	135.64 10.46 0.00	144.84 11.45 0.00	142.34 11.31 0.00	156.97 12.76 0.00	181.36 15.36 0.00	218.21 18.03 0.00	177.54 14.10 0.00	131.43 10.85 0.00	150.99 12.35 0.00	146.34 11.33 0.00	135.20 10.28 0.00	122.97 9.08 0.00	73.10 4.69 0.00	84.88 5.32 0.00	116.14 8.01 0.00	169.95 11.24 0.00	358.47 23.43 0.00	180.61 11.30 0.00	159.70 9.76 0.00	158.89 10.03 0.00	145.99 9.12 0.00	151.61 12.01 0.00
WATERSIDE____6 8 9 23538	158.28 10.38 0.00	148.79 9.68 0.00	134.01 8.83 0.00	142.62 9.23 0.00	139.79 8.77 0.00	153.05 8.84 0.00	169.48 10.06 6.58	180.25 11.68 31.61	133.63 11.35 41.16	94.44 9.44 35.58	135.64 12.85 15.86	126.21 12.24 21.05	136.15 11.59 0.35	187.42 10.55 -62.98	132.55 6.37 -57.77	80.73 7.39 6.22	294.17 9.76 -176.29	185.27 12.27 -14.28	358.99 23.95 0.00	181.06 11.75 0.00	160.06 10.12 0.00	155.24 10.18 3.80	251.31 10.17 -104.28	146.40 10.22 3.44
WATKINRD_115KV_LN8_ILLION 55919	151.72 3.83 0.00	142.45 3.34 0.00	128.17 2.99 0.00	136.68 3.29 0.00	134.21 3.19 0.00	147.57 3.36 0.00	170.03 4.04 0.00	204.27 4.10 0.00	166.55 3.12 0.00	123.17 2.59 0.00	141.87 3.23 0.00	137.94 2.93 0.00	127.78 2.86 0.00	116.67 2.78 0.00	70.03 1.63 0.00	81.63 2.07 0.00	111.26 3.13 0.00	162.73 4.02 0.00	343.04 7.99 0.00	173.08 3.77 0.00	153.24 3.30 0.00	152.52 3.66 0.00	140.31 3.44 0.00	143.29 3.69 0.00
WATSON__69_KV_BK 1 55734	160.74 12.85 0.00	152.52 13.42 0.00	146.19 12.74 -8.28	146.54 13.14 0.00	143.54 12.52 0.00	157.18 12.98 0.00	179.76 13.76 0.00	216.06 15.89 0.00	176.74 13.30 0.00	132.10 11.52 0.00	152.61 13.97 0.00	148.39 13.38 0.00	138.86 13.95 0.00	143.66 13.10 -16.67	145.27 8.39 -68.47	137.67 9.72 -48.40	142.00 13.20 -20.68	175.72 17.00 0.00	368.91 33.87 0.00	186.42 17.10 0.00	165.33 15.39 0.00	164.00 15.15 0.00	151.79 14.93 0.00	154.31 14.70 0.00
WDELAWARE__HYD 323627	155.67 7.78 0.00	146.33 7.22 0.00	131.75 6.57 0.00	140.41 7.02 0.00	137.78 6.76 0.00	151.50 7.29 0.00	174.56 8.57 0.00	210.00 9.83 0.00	171.96 8.53 0.00	127.34 6.77 0.00	147.25 8.61 0.00	142.98 7.96 0.00	132.46 7.55 0.00	120.87 6.98 0.00	72.61 4.20 0.00	84.58 5.02 0.00	115.21 7.08 0.00	168.22 9.51 0.00	354.51 19.47 0.00	179.11 9.80 0.00	158.45 8.51 0.00	157.37 8.51 0.00	144.84 7.98 0.00	147.45 7.85 0.00

WEST BABYLON___IC 23714	160.34 12.44 0.00	151.91 12.80 0.00	145.59 12.14 -8.28	145.89 12.50 0.00	142.88 11.86 0.00	156.46 12.26 0.00	179.04 13.04 0.00	215.26 15.09 0.00	176.23 12.80 0.00	131.69 11.12 0.00	152.17 13.54 0.00	147.93 12.92 0.00	138.27 13.36 0.00	143.11 12.55 -16.67	144.88 8.00 -68.47	137.26 9.31 -48.40	141.43 12.62 -20.68	174.84 16.13 0.00	366.93 31.89 0.00	185.44 16.13 0.00	164.44 14.50 0.00	163.26 14.40 0.00	151.07 14.20 0.00	153.55 13.94 0.00
WEST CANADA___HYD 24049	149.34 1.44 0.00	140.36 1.25 0.00	126.33 1.15 0.00	134.72 1.33 0.00	132.23 1.21 0.00	145.45 1.25 0.00	167.41 1.41 0.00	201.47 1.29 0.00	164.67 1.24 0.00	121.80 1.22 0.00	140.22 1.58 0.00	136.46 1.44 0.00	126.37 1.45 0.00	115.26 1.37 0.00	69.17 0.76 0.00	80.44 0.88 0.00	109.39 1.26 0.00	160.24 1.53 0.00	338.05 3.01 0.00	170.70 1.39 0.00	151.26 1.32 0.00	150.33 1.48 0.00	138.25 1.38 0.00	141.13 1.53 0.00
WESTERN_NY_WIND 24143	139.30 -8.59 0.00	130.66 -8.45 0.00	116.93 -8.24 0.00	125.79 -7.60 0.00	124.59 -6.44 0.00	140.74 -3.47 0.00	158.49 -7.51 0.00	189.39 -10.79 0.00	156.63 -6.81 0.00	115.68 -4.89 0.00	130.56 -6.40 1.68	129.46 -5.55 0.00	119.62 -5.29 0.00	108.78 -5.11 0.00	65.56 -2.85 0.00	76.39 -3.17 0.00	102.80 -5.33 0.00	150.73 -7.98 0.00	319.95 -15.09 0.00	163.34 -5.98 0.00	142.95 -6.99 0.00	141.29 -7.57 0.00	129.31 -7.56 0.00	132.69 -6.91 0.00
WESTOVER___LESR 323668	146.30 -1.60 0.00	137.59 -1.52 0.00	123.56 -1.62 0.00	132.25 -1.14 0.00	129.97 -1.06 0.00	144.14 -0.06 0.00	165.05 -0.94 0.00	198.42 -1.75 0.00	162.91 -0.53 0.00	120.75 0.18 1.19	137.75 0.31 0.00	135.45 0.43 0.00	125.60 0.68 0.00	114.38 0.48 0.00	68.52 0.11 0.00	79.73 0.17 0.00	108.55 0.42 0.00	158.66 -0.05 0.00	334.75 -0.29 0.00	169.83 0.52 0.00	149.58 -0.36 0.00	148.62 -0.24 0.00	136.37 -0.49 0.00	139.12 -0.49 0.00
WETHRSFD_WT_PWR 323626	136.91 -10.98 0.00	128.69 -10.42 0.00	114.81 -10.37 0.00	123.72 -9.67 0.00	122.60 -8.42 0.00	138.29 -5.91 0.00	156.15 -9.85 0.00	186.03 -14.14 0.00	148.61 -9.20 5.63	113.95 -6.63 0.00	126.87 -8.66 3.11	126.81 -8.21 0.00	117.57 -7.35 0.00	107.06 -6.83 0.00	64.56 -3.85 0.00	75.49 -4.07 0.00	102.14 -5.99 0.00	149.21 -9.51 0.00	316.64 -18.40 0.00	161.83 -7.48 0.00	142.10 -7.84 0.00	141.01 -7.84 0.00	129.23 -7.64 0.00	132.52 -7.09 0.00
WHAVSTOR_138KV_BK127 55557	156.07 8.17 0.00	146.74 7.63 0.00	132.19 7.02 0.00	140.71 7.32 0.00	137.93 6.91 0.00	151.42 7.21 0.00	174.15 8.16 0.00	209.14 8.96 0.00	171.87 8.43 0.00	127.89 7.31 0.00	148.45 9.82 0.00	144.24 9.22 0.00	133.83 8.92 0.00	122.34 8.45 0.00	73.48 5.07 0.00	85.38 5.82 0.00	115.91 7.79 0.00	168.65 9.94 0.00	354.89 19.85 0.00	179.00 9.69 0.00	158.32 8.38 0.00	157.37 8.52 0.00	145.21 8.34 0.00	147.93 8.32 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	156.07 8.17 0.00	146.74 7.63 0.00	132.19 7.02 0.00	140.71 7.32 0.00	137.93 6.91 0.00	151.42 7.21 0.00	174.15 8.16 0.00	209.14 8.96 0.00	171.87 8.43 0.00	127.89 7.31 0.00	148.45 9.82 0.00	144.24 9.22 0.00	133.83 8.92 0.00	122.34 8.45 0.00	73.48 5.07 0.00	85.38 5.82 0.00	115.91 7.79 0.00	168.65 9.94 0.00	354.89 19.85 0.00	179.00 9.69 0.00	158.32 8.38 0.00	157.37 8.52 0.00	145.21 8.34 0.00	147.93 8.32 0.00
WHITEHAL_115KV_TB1 80871	164.36 16.47 0.00	152.83 13.72 0.00	137.48 12.30 0.00	147.10 13.71 0.00	144.60 13.58 0.00	160.40 16.19 0.00	185.61 19.62 0.00	223.97 23.79 0.00	180.38 16.95 0.00	133.79 13.21 0.00	153.66 15.02 0.00	150.21 15.19 0.00	138.78 13.86 0.00	126.68 12.79 0.00	75.39 6.98 0.00	87.54 7.98 0.00	120.15 12.02 0.00	175.49 16.78 0.00	370.03 34.99 0.00	185.82 16.50 0.00	163.68 13.74 0.00	163.27 14.41 0.00	150.11 13.24 0.00	154.26 14.65 0.00
WHITEPLN_13_KV_LOAD 356215	158.77 10.87 0.00	149.26 10.15 0.00	134.41 9.23 0.00	143.15 9.76 0.00	140.32 9.29 0.00	154.01 9.81 0.00	177.25 11.25 0.00	213.12 12.95 0.00	175.33 11.89 0.00	130.57 9.99 0.00	151.52 12.88 0.00	147.25 12.23 0.00	136.58 11.67 0.00	124.71 10.82 0.00	74.95 6.54 0.00	87.18 7.62 0.00	118.43 10.30 0.00	172.15 13.44 0.00	361.96 26.92 0.00	182.53 13.22 0.00	161.30 11.36 0.00	160.23 11.37 0.00	147.74 10.88 0.00	150.52 10.91 0.00
WM_FLOYD_69_KV_BK2 356380	160.06 12.16 0.00	152.57 13.46 0.00	146.26 12.81 -8.28	146.63 13.24 0.00	143.63 12.61 0.00	157.22 13.02 0.00	179.62 13.63 0.00	215.73 15.55 0.00	176.14 12.70 0.00	131.50 10.92 0.00	151.86 13.23 0.00	147.72 12.70 0.00	138.13 13.22 0.00	143.19 12.63 -16.67	145.11 8.24 -68.47	137.52 9.56 -48.40	141.74 12.94 -20.68	175.58 16.87 0.00	368.81 33.77 0.00	186.28 16.97 0.00	165.20 15.26 0.00	163.80 14.95 0.00	151.75 14.89 0.00	154.24 14.63 0.00
WOODARD___115KV_TB2 355635	144.34 -3.56 0.00	135.58 -3.54 0.00	121.81 -3.37 0.00	130.16 -3.24 0.00	128.08 -2.95 0.00	141.77 -2.44 0.00	187.30 -3.22 -24.52	226.39 -4.36 -30.57	182.46 -2.91 -21.94	118.79 -1.79 0.00	136.47 -2.16 0.00	132.92 -2.09 0.00	122.99 -1.93 0.00	112.10 -1.79 0.00	67.30 -1.10 0.00	78.27 -1.29 0.00	106.46 -1.67 0.00	156.12 -2.59 0.00	330.19 -4.85 0.00	167.14 -2.17 0.00	147.32 -2.62 0.00	146.10 -2.75 0.00	134.10 -2.76 0.00	136.69 -2.92 0.00
YORK___WARBASSE 23770	159.06 11.16 0.00	149.49 10.38 0.00	134.60 9.42 0.00	143.23 9.84 0.00	140.38 9.36 0.00	153.54 9.34 0.00	209.11 10.81 -32.31	367.91 12.60 -155.13	415.01 12.16 -239.41	327.31 10.03 -196.71	252.56 13.50 -100.43	301.65 12.76 -153.87	158.74 12.10 -21.72	236.74 11.00 -111.85	216.80 6.57 -141.82	566.29 7.63 -479.10	373.19 9.95 -255.10	189.28 12.82 -17.74	360.39 25.34 0.00	181.78 12.47 0.00	160.71 10.77 0.00	178.34 10.82 -18.66	300.51 10.74 -152.91	195.71 10.86 -45.24