

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

03/13/2026

Generator Data

Generator Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00
59TH STREET_GT_1 24138	45.55 1.53 0.00	45.98 1.40 0.00	48.44 1.25 0.00	57.64 1.23 0.00	48.91 1.19 0.00	48.34 1.81 0.00	71.79 2.45 -2.25	164.80 5.55 0.00
74TH STREET_GT_1 24260	45.64 1.63 0.00	46.11 1.53 0.00	48.53 1.34 0.00	57.75 1.34 0.00	49.01 1.29 0.00	48.46 1.93 0.00	70.46 2.57 -0.80	165.27 6.02 0.00
74TH STREET_GT_2 24261	45.64 1.63 0.00	46.11 1.53 0.00	48.53 1.34 0.00	57.75 1.34 0.00	49.01 1.29 0.00	48.46 1.93 0.00	70.46 2.57 -0.80	165.27 6.02 0.00
ADK HUDSON___FALLS 24011	45.07 1.05 0.00	45.68 1.10 0.00	48.16 0.98 0.00	57.54 1.13 0.00	48.60 0.88 0.00	47.63 1.10 0.00	69.13 2.04 0.00	163.56 4.30 0.00
ADK RESOURCE___RCVRY 23798	45.12 1.10 0.00	45.70 1.12 0.00	48.14 0.95 0.00	57.53 1.11 0.00	48.60 0.88 0.00	47.72 1.19 0.00	69.51 2.41 0.00	164.36 5.11 0.00
ADK S GLENS___FALLS 24028	45.07 1.05 0.00	45.68 1.10 0.00	48.16 0.98 0.00	57.54 1.13 0.00	48.60 0.88 0.00	47.63 1.10 0.00	69.13 2.04 0.00	163.56 4.30 0.00
ADK_NYS___DAM 23527	44.49 0.47 0.00	45.42 0.84 0.00	47.84 0.65 0.00	57.04 0.62 0.00	47.89 0.16 0.00	46.71 0.18 0.00	67.10 0.01 0.00	157.97 -1.28 0.00
AIR_PRODUCTS___DRP 24190	44.77 0.75 0.00	45.44 0.87 0.00	47.99 0.80 0.00	57.25 0.83 0.00	48.38 0.66 0.00	47.23 0.70 0.00	67.98 0.89 0.00	160.69 1.43 0.00
AKWESSNE_115KV_BK 355683	1.80 -0.09 42.12	44.71 0.25 0.12	47.71 0.52 0.00	57.09 0.67 0.00	48.29 0.56 0.00	46.99 0.47 0.00	67.80 0.71 0.00	161.34 2.08 0.00
ALBANY_1_SOLAR 323833	45.19 1.17 0.00	45.83 1.25 0.00	48.46 1.28 0.00	57.84 1.43 0.00	48.93 1.21 0.00	47.70 1.17 0.00	68.71 1.62 0.00	162.60 3.35 0.00
ALBANY_2_SOLAR 323834	45.18 1.16 0.00	45.83 1.25 0.00	48.45 1.26 0.00	57.82 1.41 0.00	48.91 1.19 0.00	47.70 1.16 0.00	68.70 1.61 0.00	162.45 3.19 0.00
ALBANY___1 23571	44.77 0.75 0.00	45.44 0.87 0.00	47.99 0.80 0.00	57.25 0.83 0.00	48.38 0.66 0.00	47.23 0.70 0.00	67.98 0.89 0.00	160.69 1.43 0.00
ALBANY___2 23572	44.77 0.75	45.44 0.87	47.99 0.80	57.25 0.83	48.38 0.66	47.23 0.70	67.98 0.89	160.69 1.43

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3 23573	44.77 0.75 0.00	45.44 0.87 0.00	47.99 0.80 0.00	57.25 0.83 0.00	48.38 0.66 0.00	47.23 0.70 0.00	67.98 0.89 0.00	160.69 1.43 0.00	
ALBANY___4 23574	44.77 0.75 0.00	45.44 0.87 0.00	47.99 0.80 0.00	57.25 0.83 0.00	48.38 0.66 0.00	47.23 0.70 0.00	67.98 0.89 0.00	160.69 1.43 0.00	
ALBANY___LFGE 323615	44.99 0.97 0.00	45.67 1.09 0.00	48.22 1.03 0.00	57.53 1.11 0.00	48.62 0.90 0.00	47.46 0.93 0.00	68.36 1.26 0.00	161.65 2.39 0.00	
ALCOA_PA_115KV_PL-6C 55860	439.30 0.46 -394.82	46.30 0.62 -1.10	48.07 0.88 0.00	57.56 1.15 0.00	48.69 0.96 0.00	47.32 0.79 0.00	68.24 1.15 0.00	162.29 3.04 0.00	
ALCOA_RYNLDS___DRP 24188	439.30 0.46 -394.82	46.30 0.62 -1.10	48.07 0.88 0.00	57.56 1.15 0.00	48.69 0.96 0.00	47.32 0.79 0.00	68.24 1.15 0.00	162.29 3.05 0.00	
ALCOA___DSASP 323711	439.30 0.46 -394.82	46.30 0.62 -1.10	48.07 0.88 0.00	57.56 1.15 0.00	48.69 0.96 0.00	47.32 0.79 0.00	68.24 1.15 0.00	162.29 3.05 0.00	
ALLEGHENY___COGEN 23514	44.44 0.42 0.00	43.88 0.25 0.96	45.53 0.14 1.80	51.19 0.75 5.97	46.95 0.32 1.09	46.11 0.62 1.03	64.80 1.71 4.00	151.59 5.42 13.08	
ALTAMONT_115KV_TB 2 55880	44.61 0.59 0.00	45.23 0.65 0.00	47.80 0.61 0.00	57.04 0.63 0.00	48.26 0.54 0.00	47.07 0.55 0.00	67.77 0.68 0.00	160.37 1.11 0.00	
ALTONA_WT_PWR 323606	44.03 0.01 0.00	44.95 0.37 0.00	47.85 0.66 0.00	57.12 0.70 0.00	48.40 0.68 0.00	47.32 0.79 0.00	68.50 1.40 0.00	162.77 3.52 0.00	
AMERICAN_REF_FUEL 24010	39.75 -4.27 0.00	34.14 -4.50 5.94	31.28 -4.74 11.17	14.69 -4.64 37.08	36.25 -4.68 6.79	34.97 -5.20 6.36	35.43 -7.05 24.61	64.55 -14.19 80.52	
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.32 -1.70 0.00	35.24 -1.92 7.43	30.93 -2.31 13.95	8.21 -1.89 46.32	37.05 -2.19 8.48	36.12 -2.48 7.93	33.18 -3.23 30.69	52.95 -5.92 100.39	
ARTHUR_KILL_GT_1 23520	16.37 1.52 29.17	24.37 1.47 21.68	48.29 1.10 0.00	57.08 0.67 0.00	48.62 0.90 0.00	48.02 1.50 0.00	53.57 1.86 15.38	163.21 3.96 0.00	
ARTHUR_KILL_2 23512	16.26 1.41 29.17	24.26 1.36 21.68	48.19 1.00 0.00	57.03 0.61 0.00	48.50 0.78 0.00	47.91 1.38 0.00	53.34 1.62 15.38	162.72 3.48 0.00	
ARTHUR_KILL_3 23513	16.07 1.22 29.17	24.00 1.10 21.68	45.40 0.91 2.70	52.94 0.87 4.34	47.85 0.86 0.74	47.93 1.48 0.08	56.28 1.90 12.71	163.36 4.11 0.01	
ARTHUR_KILL_COGEN 323718	16.37 1.52	24.38 1.48	48.31 1.12	57.18 0.77	48.63 0.91	48.02 1.49	53.53 1.82	163.21 3.96	

	29.17	21.68	0.00	0.00	0.00	0.00	15.38	0.00
ASHOKAN____ 23654	45.61 1.59 0.00	46.14 1.56 0.00	48.69 1.50 0.00	58.09 1.68 0.00	49.27 1.55 0.00	48.36 1.83 0.00	69.91 2.82 0.00	166.06 6.81 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.18 1.16 0.00	45.62 1.04 0.00	48.01 0.83 0.00	57.10 0.68 0.00	48.48 0.76 0.00	47.93 1.40 0.00	70.10 1.88 -1.13	163.83 4.58 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.18 1.16 0.00	45.62 1.04 0.00	48.01 0.83 0.00	57.10 0.68 0.00	48.48 0.76 0.00	47.93 1.40 0.00	70.10 1.88 -1.13	163.83 4.58 0.00
ASTORIA_GT2_1 24094	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT2_2 24095	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT2_3 24096	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT2_4 24097	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT3_1 24098	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT3_2 24099	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT3_3 24100	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT3_4 24101	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT4_1 24102	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT4_2 24103	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT4_3 24104	45.19 1.17 0.00	45.63 1.05 0.00	48.01 0.83 0.00	57.05 0.64 0.00	48.50 0.78 0.00	47.97 1.44 0.00	70.11 1.89 -1.13	163.98 4.73 0.00
ASTORIA_GT4_4 24105	45.19 1.17	45.63 1.05	48.01 0.83	57.05 0.64	48.50 0.78	47.97 1.44	70.11 1.89	163.98 4.73

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.13	0.00
ASTORIA_GT_1 23523	45.26 1.24 0.00	45.70 1.12 0.00	48.08 0.90 0.00	57.15 0.74 0.00	48.56 0.84 0.00	48.05 1.52 0.00	70.23 2.01 -1.13	164.30 5.05 0.00	
ASTORIA_GT_10 24110	45.50 1.48 0.00	45.93 1.35 0.00	48.33 1.14 0.00	57.45 1.04 0.00	48.80 1.08 0.00	48.23 1.70 0.00	77.30 2.19 -8.02	164.31 5.06 0.00	
ASTORIA_GT_11 24225	45.50 1.48 0.00	45.93 1.35 0.00	48.33 1.14 0.00	57.45 1.04 0.00	48.80 1.08 0.00	48.23 1.70 0.00	77.30 2.19 -8.02	164.31 5.06 0.00	
ASTORIA_GT_12 24226	45.50 1.48 0.00	45.93 1.35 0.00	48.33 1.14 0.00	57.45 1.04 0.00	48.80 1.08 0.00	48.23 1.70 0.00	77.30 2.19 -8.02	164.31 5.06 0.00	
ASTORIA_GT_13 24227	45.50 1.48 0.00	45.93 1.35 0.00	48.33 1.14 0.00	57.45 1.04 0.00	48.80 1.08 0.00	48.23 1.70 0.00	77.30 2.19 -8.02	164.31 5.06 0.00	
ASTORIA_GT_5 24106	45.26 1.24 0.00	45.70 1.12 0.00	48.08 0.90 0.00	57.15 0.74 0.00	48.56 0.84 0.00	48.05 1.52 0.00	70.23 2.01 -1.13	164.30 5.05 0.00	
ASTORIA_GT_7 24107	45.26 1.24 0.00	45.70 1.12 0.00	48.08 0.90 0.00	57.15 0.74 0.00	48.56 0.84 0.00	48.05 1.52 0.00	70.23 2.01 -1.13	164.30 5.05 0.00	
ASTORIA_GT_8 24108	45.26 1.24 0.00	45.70 1.12 0.00	48.08 0.90 0.00	57.15 0.74 0.00	48.56 0.84 0.00	48.05 1.52 0.00	70.23 2.01 -1.13	164.30 5.05 0.00	
ASTORIA___2 24149	45.19 1.17 0.00	45.64 1.06 0.00	48.04 0.86 0.00	57.13 0.72 0.00	48.52 0.79 0.00	47.96 1.43 0.00	70.12 1.90 -1.13	163.98 4.72 0.00	
ASTORIA___3 23516	45.50 1.49 0.00	45.94 1.36 0.00	48.35 1.16 0.00	57.51 1.10 0.00	48.82 1.09 0.00	48.23 1.70 0.00	77.32 2.20 -8.02	164.31 5.06 0.00	
ASTORIA___4 23517	45.50 1.48 0.00	45.93 1.35 0.00	48.33 1.14 0.00	57.44 1.03 0.00	48.80 1.08 0.00	48.23 1.70 0.00	77.30 2.19 -8.02	164.31 5.06 0.00	
ASTORIA___5 23518	45.50 1.49 0.00	45.94 1.36 0.00	48.35 1.16 0.00	57.51 1.10 0.00	48.82 1.09 0.00	48.23 1.70 0.00	77.32 2.20 -8.02	164.31 5.06 0.00	
AST_ENERGY_2_CC3 323677	45.40 1.38 0.00	45.85 1.27 0.00	48.29 1.10 0.00	57.49 1.07 0.00	48.76 1.04 0.00	48.18 1.66 0.00	69.24 2.15 0.00	164.00 4.74 0.00	
AST_ENERGY_2_CC4 323678	45.40 1.38 0.00	45.85 1.27 0.00	48.29 1.10 0.00	57.49 1.07 0.00	48.76 1.04 0.00	48.18 1.66 0.00	69.24 2.15 0.00	164.00 4.74 0.00	
ATHENS_STG_1 23668	44.19 0.18	44.67 0.09	47.09 -0.10	56.03 -0.38	47.50 -0.22	46.81 0.28	67.41 0.32	159.56 0.30	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	44.19 0.18 0.00	44.67 0.09 0.00	47.09 -0.10 0.00	56.03 -0.38 0.00	47.50 -0.22 0.00	46.81 0.28 0.00	67.41 0.32 0.00	159.56 0.30 0.00	
ATHENS_STG_3 23677	44.19 0.18 0.00	44.67 0.09 0.00	47.09 -0.10 0.00	56.03 -0.38 0.00	47.50 -0.22 0.00	46.81 0.28 0.00	67.41 0.32 0.00	159.56 0.30 0.00	
AUBURN___LFGE 323710	49.30 0.18 -5.10	44.55 -0.05 -0.01	47.18 -0.01 0.00	56.56 0.15 0.00	47.83 0.11 0.00	46.68 0.15 0.00	67.62 0.53 0.00	160.85 1.60 0.00	
BABYLON_RES_REC 323704	45.54 1.52 0.00	45.97 1.39 0.00	48.34 1.15 0.00	57.28 0.86 0.00	48.76 1.03 0.00	48.08 1.56 0.00	69.59 1.77 -0.74	161.89 2.64 0.00	
BALL_HILL_WT_PWR 323825	41.69 -2.33 0.00	35.11 -2.53 6.94	31.36 -2.80 13.03	10.67 -2.48 43.27	37.03 -2.77 7.92	36.10 -3.02 7.41	34.51 -3.90 28.69	58.05 -7.35 93.86	
BARON_WINDS___WT_PWR 323822	42.04 -1.97 0.00	44.21 -2.08 -1.71	48.00 -2.40 -3.21	64.59 -2.49 -10.67	47.43 -2.25 -1.95	46.49 -1.80 -1.77	71.64 -2.30 -6.85	176.56 -5.08 -22.39	
BARRETT_IC_1 23704	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_10 23701	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_11 23702	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_12 23703	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_2 23705	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_3 23706	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_4 23707	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_5 23708	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_6 23709	45.39 1.37	45.83 1.25	48.20 1.01	57.22 0.81	48.66 0.93	47.94 1.41	69.07 1.24	160.62 1.37	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00
BARRETT_IC_7 23710	45.39 1.37 0.00	45.82 1.25 0.00	48.17 0.98 0.00	57.14 0.73 0.00	48.65 0.92 0.00	47.95 1.42 0.00	69.02 1.20 -0.73	160.78 1.53 0.00	
BARRETT_IC_8 23711	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT_IC_9 23700	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT___1 23545	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BARRETT___2 23546	45.39 1.37 0.00	45.83 1.25 0.00	48.20 1.01 0.00	57.22 0.81 0.00	48.66 0.93 0.00	47.94 1.41 0.00	69.07 1.24 -0.73	160.62 1.37 0.00	
BATAVIA___115KV_TB1 55881	42.24 -1.78 0.00	42.60 -1.98 0.00	45.09 -2.10 0.00	54.93 -1.49 0.00	45.75 -1.97 0.00	44.20 -2.33 0.00	64.54 -2.55 0.00	155.41 -3.85 0.00	
BAYONEEC___CTG1 323682	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG10 323750	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG2 323683	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG3 323684	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG4 323685	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG5 323686	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG6 323687	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG7 323688	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BAYONEEC___CTG8 323689	45.36 1.35	45.82 1.24	48.26 1.07	57.45 1.04	48.71 0.98	48.14 1.61	64.22 2.10	164.00 4.74	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.97	0.00
BAYONEEC__CTG9 323749	45.36 1.35 0.00	45.82 1.24 0.00	48.26 1.07 0.00	57.45 1.04 0.00	48.71 0.98 0.00	48.14 1.61 0.00	64.22 2.10 4.97	164.00 4.74 0.00	
BEACON__LESR 323632	45.21 1.19 0.00	45.88 1.30 0.00	48.42 1.23 0.00	57.81 1.40 0.00	48.86 1.14 0.00	47.76 1.23 0.00	68.87 1.78 0.00	162.91 3.67 0.00	
BEAVER RIVER__HYD 24048	152.55 -0.21 -108.74	44.34 -0.54 -0.30	46.88 -0.31 0.00	56.07 -0.34 0.00	47.90 0.17 0.00	46.89 0.37 0.00	68.14 1.05 0.00	163.54 4.30 0.00	
BEEBEE_GT_13 23619	42.80 -1.22 0.00	43.19 -1.38 0.00	45.70 -1.48 0.00	55.20 -1.21 0.00	46.28 -1.45 0.00	44.99 -1.54 0.00	65.41 -1.68 0.00	156.68 -2.57 0.00	
BENSHRST_27_KV_BENSHRST_1 355998	45.71 1.70 0.00	46.18 1.60 0.00	48.49 1.30 0.00	57.54 1.13 0.00	48.93 1.21 0.00	48.38 1.85 0.00	91.08 2.44 -21.55	164.64 5.39 0.00	
BETHLEHEM__GRP 23843	44.77 0.75 0.00	45.44 0.87 0.00	47.99 0.80 0.00	57.25 0.83 0.00	48.38 0.66 0.00	47.23 0.70 0.00	67.98 0.89 0.00	160.69 1.43 0.00	
BETHLEHEM__GS1 323560	44.77 0.75 0.00	45.45 0.87 0.00	47.99 0.80 0.00	57.26 0.85 0.00	48.39 0.67 0.00	47.23 0.70 0.00	67.99 0.90 0.00	160.68 1.43 0.00	
BETHLEHEM__GS2 323561	44.77 0.75 0.00	45.45 0.87 0.00	47.99 0.80 0.00	57.26 0.85 0.00	48.39 0.67 0.00	47.23 0.70 0.00	67.99 0.90 0.00	160.68 1.43 0.00	
BETHLEHEM__GS3 323562	44.77 0.75 0.00	45.45 0.87 0.00	47.99 0.80 0.00	57.26 0.85 0.00	48.39 0.67 0.00	47.23 0.70 0.00	67.99 0.90 0.00	160.68 1.43 0.00	
BETHLEHEM__STEEL 23779	41.50 -2.52 0.00	41.86 -2.72 0.00	44.29 -2.90 0.00	54.10 -2.32 0.00	44.86 -2.86 0.00	43.32 -3.21 0.00	63.17 -3.92 0.00	151.88 -7.37 0.00	
BETHLEHEM_115KV_TB1 79974	44.66 0.64 0.00	45.28 0.70 0.00	47.85 0.67 0.00	57.09 0.68 0.00	48.30 0.58 0.00	47.11 0.58 0.00	67.78 0.69 0.00	160.52 1.27 0.00	
BETHPAGE_CC_5 323564	45.31 1.29 0.00	45.73 1.15 0.00	48.08 0.90 0.00	57.02 0.61 0.00	48.52 0.79 0.00	47.78 1.25 0.00	69.18 1.35 -0.74	161.11 1.85 0.00	
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.95 -2.06 0.00	42.32 -2.26 0.00	44.79 -2.40 0.00	54.66 -1.75 0.00	45.36 -2.36 0.00	43.85 -2.68 0.00	63.97 -3.12 0.00	153.79 -5.47 0.00	
BINGHAMTON__COGEN 23790	43.78 -0.24 0.00	44.28 -0.30 0.00	46.84 -0.35 0.00	56.12 -0.30 0.00	47.44 -0.28 0.00	46.20 -0.33 0.00	66.83 -0.26 0.00	158.79 -0.46 0.00	
BIXINCNT_115KV_LOAD 355685	42.80 -1.22	43.19 -1.39	45.77 -1.42	55.57 -0.84	46.25 -1.48	44.95 -1.58	65.41 -1.68	156.64 -2.60	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BLACK RIVER___HYD 24047	126.74 0.08 -82.65	44.46 -0.35 -0.23	47.05 -0.14 0.00	56.36 -0.05 0.00	48.33 0.61 0.00	47.38 0.85 0.00	69.18 2.09 0.00	166.57 7.32 0.00	
BLACKRVR_115KV_TB2 79977	126.74 0.08 -82.65	44.46 -0.35 -0.23	47.05 -0.14 0.00	56.38 -0.03 0.00	48.34 0.61 0.00	47.37 0.85 0.00	69.18 2.09 0.00	166.56 7.31 0.00	
BLDWN_LI_69_KV_BK4 356085	45.57 1.55 0.00	45.97 1.40 0.00	48.33 1.14 0.00	57.30 0.89 0.00	48.82 1.09 0.00	48.12 1.60 0.00	69.56 1.73 -0.74	161.89 2.64 0.00	
BLISS_WT_PWR 323608	42.78 -1.24 0.00	35.23 -1.41 7.94	30.81 -1.46 14.92	5.84 -1.05 49.52	37.13 -1.53 9.07	36.55 -1.51 8.47	32.53 -1.77 32.79	49.54 -2.45 107.26	
BLUESTONE___WT_PWR 323821	43.61 -0.41 0.00	46.33 0.28 -1.48	50.48 0.52 -2.78	66.41 0.78 -9.22	50.16 0.75 -1.69	49.10 1.02 -1.55	75.88 2.77 -6.01	186.88 7.96 -19.67	
BLUE_CIRC_CHEM_DRP 24182	44.87 0.85 0.00	45.52 0.94 0.00	48.13 0.94 0.00	57.43 1.02 0.00	48.57 0.85 0.00	47.36 0.83 0.00	68.15 1.06 0.00	161.17 1.92 0.00	
BOC_GAS_DRP 24189	44.50 0.49 0.00	45.13 0.55 0.00	47.70 0.51 0.00	56.90 0.49 0.00	48.16 0.43 0.00	46.97 0.44 0.00	67.56 0.47 0.00	159.89 0.64 0.00	
BOONVILLE_115KV_TB1 79983	86.39 0.64 -41.72	45.14 0.44 -0.12	47.75 0.56 0.00	57.10 0.69 0.00	48.51 0.78 0.00	47.48 0.95 0.00	68.86 1.77 0.00	164.34 5.09 0.00	
BORALEX_4TH_BRANCH 23824	44.49 0.47 0.00	45.42 0.84 0.00	47.84 0.65 0.00	57.02 0.61 0.00	47.88 0.15 0.00	46.71 0.18 0.00	67.08 -0.01 0.00	158.13 -1.12 0.00	
BOWLINE___1 23526	44.93 0.91 0.00	45.40 0.82 0.00	47.82 0.63 0.00	56.93 0.51 0.00	48.30 0.57 0.00	47.64 1.11 0.00	68.55 1.46 0.00	162.41 3.16 0.00	
BOWLINE___2 23595	44.93 0.91 0.00	45.40 0.82 0.00	47.83 0.64 0.00	56.93 0.51 0.00	48.30 0.57 0.00	47.64 1.11 0.00	68.56 1.47 0.00	162.41 3.16 0.00	
BRADY___115KV_TB2 356060	398.49 0.86 -353.61	46.59 1.03 -0.99	48.52 1.33 0.00	58.10 1.69 0.00	49.19 1.46 0.00	47.75 1.22 0.00	68.81 1.72 0.00	163.72 4.48 0.00	
BRANSCOMB___SOLAR 323811	44.96 0.95 0.00	45.62 1.04 0.00	48.14 0.95 0.00	57.48 1.06 0.00	48.52 0.80 0.00	47.46 0.93 0.00	68.60 1.51 0.00	162.27 3.02 0.00	
BRDGHMPT_69_KV_BK1 55812	45.23 1.22 0.00	45.28 0.70 0.00	47.58 0.39 0.00	56.29 -0.12 0.00	48.07 0.34 0.00	47.28 0.75 0.00	68.83 1.01 -0.73	159.53 0.27 0.00	
BRENTWOD_69_KV_W. BRTWOOD 56703	45.78 1.76	46.21 1.63	48.55 1.36	57.45 1.03	48.99 1.26	48.32 1.79	69.69 1.86	160.95 1.69	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00
BRISTLHL_115KV_TB1 79998	56.87 -1.26 -14.11	43.22 -1.40 -0.04	45.67 -1.52 0.00	54.65 -1.76 0.00	46.27 -1.46 0.00	45.13 -1.40 0.00	65.29 -1.80 0.00	155.43 -3.82 0.00	
BROOKHAVEN___DRP 24191	45.21 1.19 0.00	45.64 1.06 0.00	47.95 0.76 0.00	56.73 0.31 0.00	48.39 0.66 0.00	47.50 0.97 0.00	68.71 0.88 -0.73	159.19 -0.07 0.00	
BROOKLYN_NAVY_YARD 23515	45.26 1.24 0.00	45.72 1.14 0.00	48.14 0.95 0.00	57.32 0.90 0.00	48.60 0.87 0.00	48.02 1.50 0.00	69.89 2.00 -0.80	163.69 4.43 0.00	
BROOKLYN___ARMY_DRP 323595	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00	
BROOME_2_LFGE 323671	43.78 -0.24 0.00	46.89 -0.30 -2.62	51.75 -0.35 -4.92	72.40 -0.33 -16.32	50.42 -0.29 -2.99	48.95 -0.33 -2.75	77.47 -0.28 -10.65	193.64 -0.46 -34.84	
BROOME___LFGE 323600	43.78 -0.24 0.00	46.89 -0.30 -2.62	51.75 -0.35 -4.92	72.40 -0.33 -16.32	50.42 -0.29 -2.99	48.95 -0.33 -2.75	77.47 -0.28 -10.65	193.64 -0.46 -34.84	
BROWNFLS_115KV_TB_3_5 80003	231.64 -0.37 -187.99	44.62 -0.49 -0.52	46.94 -0.25 0.00	56.17 -0.25 0.00	47.80 0.07 0.00	46.53 0.00 0.00	67.23 0.14 0.00	160.84 1.60 0.00	
BROWNSV1_27_KV_LOAD 356125	45.80 1.79 0.00	46.24 1.67 0.00	48.68 1.49 0.00	57.93 1.51 0.00	49.16 1.44 0.00	48.59 2.07 0.00	69.91 2.82 0.00	165.75 6.50 0.00	
BURROWS___LYONSDAL 23803	99.28 0.39 -54.88	44.87 0.14 -0.15	47.49 0.30 0.00	56.78 0.36 0.00	48.29 0.57 0.00	47.31 0.78 0.00	68.65 1.55 0.00	164.02 4.77 0.00	
CAITHNESS_CC_1 323624	45.19 1.18 0.00	45.62 1.05 0.00	47.95 0.77 0.00	56.80 0.38 0.00	48.36 0.64 0.00	47.52 0.99 0.00	68.74 0.92 -0.73	159.20 -0.06 0.00	
CALPINE_BETH_PAGE_GT4 24209	45.31 1.29 0.00	45.73 1.15 0.00	48.06 0.87 0.00	56.96 0.54 0.00	48.52 0.79 0.00	47.70 1.17 0.00	69.02 1.19 -0.74	160.78 1.54 0.00	
CALPINE_BETH_PAGE_GT_4 323586	45.31 1.29 0.00	45.73 1.15 0.00	48.08 0.89 0.00	57.05 0.64 0.00	48.53 0.81 0.00	47.70 1.17 0.00	69.06 1.23 -0.74	160.78 1.54 0.00	
CALPINE_BP_GT1 23823	45.31 1.29 0.00	45.73 1.15 0.00	48.08 0.89 0.00	57.05 0.64 0.00	48.53 0.81 0.00	47.70 1.17 0.00	69.06 1.23 -0.74	160.78 1.54 0.00	
CALSPAN___DRP 24200	41.50 -2.52 0.00	41.86 -2.72 0.00	44.29 -2.90 0.00	54.10 -2.32 0.00	44.86 -2.86 0.00	43.32 -3.21 0.00	63.17 -3.92 0.00	151.88 -7.37 0.00	
CALVERTON___SOLAR 323806	45.24 1.22	45.65 1.07	47.99 0.80	56.84 0.43	48.41 0.68	47.49 0.96	68.79 0.96	159.19 -0.07	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00
CANDIGU_WT_PWR 323617	42.04 -1.97 0.00	44.21 -2.08 -1.71	48.00 -2.40 -3.21	64.59 -2.49 -10.67	47.43 -2.25 -1.95	46.49 -1.80 -1.77	71.64 -2.30 -6.85	176.56 -5.08 -22.39	
CARR STREET_E_SYR 24060	50.13 -0.43 -6.54	44.08 -0.52 -0.02	46.59 -0.60 0.00	55.77 -0.64 0.00	47.16 -0.56 0.00	46.01 -0.52 0.00	66.54 -0.56 0.00	158.30 -0.95 0.00	
CARTHAGE__PAPER 23857	136.99 0.23 -92.74	44.70 -0.14 -0.26	47.28 0.09 0.00	56.60 0.18 0.00	48.41 0.69 0.00	47.45 0.92 0.00	69.12 2.03 0.00	166.09 6.83 0.00	
CASSADAGA_WT_PWR 323784	42.85 -1.17 0.00	35.70 -1.37 7.51	31.38 -1.71 14.10	8.40 -1.20 46.81	37.53 -1.62 8.57	36.66 -1.86 8.01	33.81 -2.27 31.01	54.26 -3.54 101.46	
CE_DUNWOOD__DRP 24194	45.18 1.16 0.00	45.64 1.06 0.00	48.07 0.88 0.00	57.19 0.78 0.00	48.53 0.80 0.00	47.89 1.36 0.00	68.89 1.80 0.00	163.21 3.96 0.00	
CE_MILLWOOD__DRP 24193	45.09 1.08 0.00	45.56 0.98 0.00	47.99 0.80 0.00	57.08 0.66 0.00	48.44 0.72 0.00	47.80 1.27 0.00	68.77 1.68 0.00	162.89 3.64 0.00	
CE_NYC2_DRP 24202	45.51 1.49 0.00	45.95 1.37 0.00	48.34 1.15 0.00	57.45 1.04 0.00	48.80 1.08 0.00	48.24 1.71 0.00	77.40 2.22 -8.09	164.31 5.06 0.00	
CE_NYC_DRP 24195	45.38 1.37 0.00	45.84 1.26 0.00	48.26 1.07 0.00	57.43 1.02 0.00	48.73 1.01 0.00	48.18 1.65 0.00	69.25 2.16 0.00	164.17 4.91 0.00	
CHAFFEE__LFGE 323603	41.59 -2.43 0.00	34.72 -2.63 7.23	30.78 -2.83 13.57	8.96 -2.38 45.07	36.66 -2.81 8.25	35.74 -3.07 7.71	33.37 -3.86 29.86	54.80 -6.74 97.70	
CHATEAUG_35_KV_LOAD 355732	83.01 -0.02 -39.01	45.05 0.36 -0.11	47.84 0.65 0.00	57.13 0.72 0.00	48.41 0.69 0.00	47.25 0.73 0.00	68.36 1.26 0.00	162.30 3.05 0.00	
CHATEAUG_WT_PWR 323614	37.84 -0.15 6.03	44.75 0.19 0.02	47.62 0.43 0.00	56.88 0.47 0.00	48.20 0.48 0.00	47.04 0.51 0.00	68.04 0.95 0.00	161.66 2.41 0.00	
CHAT_HIGH_FALL_HYD 323578	83.01 -0.02 -39.01	45.05 0.36 -0.11	47.84 0.65 0.00	57.13 0.72 0.00	48.41 0.69 0.00	47.25 0.73 0.00	68.36 1.26 0.00	162.30 3.05 0.00	
CHAUTAUQUA__LFGE 323629	42.19 -1.83 0.00	35.30 -2.04 7.24	31.23 -2.35 13.61	9.22 -2.00 45.20	37.17 -2.28 8.28	36.26 -2.53 7.74	33.91 -3.23 29.95	55.21 -6.06 97.99	
CHERRYST_13_KV_LD 356241	45.50 1.48 0.00	45.94 1.36 0.00	48.38 1.19 0.00	57.58 1.16 0.00	48.86 1.14 0.00	48.29 1.76 0.00	69.46 2.37 0.00	164.64 5.39 0.00	
CHESTROR_138KV_BK263 355645	44.81 0.79	45.29 0.71	47.74 0.55	56.84 0.42	48.22 0.49	47.48 0.95	68.34 1.24	161.94 2.69	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CH_MIDHUDSON___DRP 24192	45.07 1.06 0.00	45.56 0.98 0.00	48.01 0.82 0.00	57.15 0.73 0.00	48.46 0.73 0.00	47.74 1.21 0.00	68.80 1.71 0.00	163.05 3.80 0.00	
CH_MISC_IPPS 23765	45.33 1.31 0.00	45.81 1.23 0.00	48.29 1.10 0.00	57.51 1.10 0.00	48.76 1.04 0.00	48.03 1.50 0.00	69.27 2.18 0.00	164.17 4.93 0.00	
CH_RES_BVR_FALLS 23983	36.59 -0.11 7.32	44.51 -0.05 0.02	47.19 0.00 0.00	56.44 0.03 0.00	47.75 0.02 0.00	46.53 0.00 0.00	67.14 0.05 0.00	159.41 0.15 0.00	
CH_RES_NIAGARA 23895	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00	
CH_RES_SYRACUSE 23985	50.26 -0.10 -6.34	44.39 -0.21 -0.02	46.93 -0.26 0.00	56.18 -0.24 0.00	47.54 -0.18 0.00	46.39 -0.14 0.00	67.08 -0.02 0.00	159.58 0.32 0.00	
CLINTON_WT_PWR 323605	37.84 -0.15 6.03	44.75 0.19 0.02	47.62 0.43 0.00	56.88 0.47 0.00	48.20 0.48 0.00	47.04 0.51 0.00	68.04 0.95 0.00	161.66 2.41 0.00	
CLINTON___LFGE 323618	50.43 0.52 -5.89	45.42 0.83 -0.02	48.28 1.10 0.00	57.68 1.27 0.00	48.84 1.12 0.00	47.79 1.26 0.00	69.24 2.15 0.00	164.52 5.26 0.00	
COBBLENY_34_KV_TB1 80064	41.61 -2.41 0.00	41.96 -2.62 0.00	44.40 -2.79 0.00	54.23 -2.19 0.00	44.97 -2.75 0.00	43.44 -3.09 0.00	63.36 -3.73 0.00	152.36 -6.90 0.00	
COFFEEN__115KV_TB3 355620	125.13 0.25 -80.86	44.64 -0.17 -0.22	47.22 0.03 0.00	56.57 0.16 0.00	48.51 0.78 0.00	47.55 1.02 0.00	69.50 2.41 0.00	167.36 8.10 0.00	
COLDSPRG_115KV_BK1 355956	43.48 -0.54 0.00	43.86 -0.72 0.00	46.34 -0.85 0.00	56.28 -0.13 0.00	46.84 -0.89 0.00	45.40 -1.13 0.00	66.21 -0.88 0.00	158.89 -0.37 0.00	
COLONIE_LFGE__ 323577	44.57 0.55 0.00	45.29 0.71 0.00	47.78 0.59 0.00	57.01 0.59 0.00	48.10 0.37 0.00	46.96 0.43 0.00	67.67 0.58 0.00	159.89 0.63 0.00	
COOPERNY_115KV_TB1 80082	44.61 0.59 0.00	45.12 0.54 0.00	47.64 0.45 0.00	56.77 0.36 0.00	48.16 0.43 0.00	47.25 0.72 0.00	68.05 0.96 0.00	161.31 2.05 0.00	
COPENHAGEN_WT_PWR 323753	121.43 -0.27 -77.69	44.06 -0.74 -0.22	46.64 -0.55 0.00	55.92 -0.50 0.00	48.04 0.31 0.00	47.04 0.51 0.00	68.71 1.62 0.00	165.62 6.37 0.00	
CORNELL____ 23752	44.48 0.46 0.00	44.97 0.39 0.00	47.62 0.43 0.00	57.06 0.65 0.00	48.28 0.55 0.00	47.14 0.61 0.00	68.35 1.26 0.00	162.77 3.51 0.00	
CORONAAV_69_KV_TB1 355595	45.58 1.56	46.01 1.43	48.38 1.19	57.42 1.00	48.85 1.12	48.19 1.66	69.81 1.97	163.03 3.77	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.75	0.00
CORTLAND_115KV_TB3 80093	50.25 0.18 -6.05	44.71 0.12 -0.02	47.30 0.11 0.00	56.63 0.22 0.00	47.92 0.19 0.00	46.74 0.21 0.00	67.69 0.60 0.00		161.01 1.75 0.00
COXSACKIE___GT 23611	46.69 2.67 0.00	47.34 2.76 0.00	50.03 2.84 0.00	59.77 3.36 0.00	50.58 2.85 0.00	49.38 2.85 0.00	71.43 4.34 0.00		169.89 10.64 0.00
CPV_VALLEY___CC1 323721	44.52 0.50 0.00	45.00 0.42 0.00	47.46 0.27 0.00	56.54 0.13 0.00	47.94 0.22 0.00	47.15 0.62 0.00	67.86 0.78 0.00		160.83 1.58 0.00
CPV_VALLEY___CC2 323722	44.52 0.50 0.00	45.00 0.42 0.00	47.46 0.27 0.00	56.54 0.13 0.00	47.94 0.22 0.00	47.15 0.62 0.00	67.86 0.78 0.00		160.83 1.58 0.00
CRESCENT___HYD 24018	44.57 0.55 0.00	45.29 0.71 0.00	47.78 0.59 0.00	57.01 0.59 0.00	48.10 0.37 0.00	46.96 0.43 0.00	67.67 0.58 0.00		159.89 0.63 0.00
CRICKET___VALLEY_CC1 323756	44.44 0.42 0.00	44.92 0.34 0.00	47.32 0.13 0.00	56.32 -0.09 0.00	47.73 0.01 0.00	47.05 0.52 0.00	67.86 0.77 0.00		160.66 1.42 0.00
CRICKET___VALLEY_CC2 323757	44.44 0.42 0.00	44.92 0.34 0.00	47.32 0.13 0.00	56.32 -0.09 0.00	47.73 0.01 0.00	47.05 0.52 0.00	67.86 0.77 0.00		160.66 1.42 0.00
CRICKET___VALLEY_CC3 323758	44.44 0.42 0.00	44.92 0.34 0.00	47.32 0.13 0.00	56.32 -0.09 0.00	47.73 0.01 0.00	47.05 0.52 0.00	67.86 0.77 0.00		160.66 1.42 0.00
CRUCIBLE_METL_DRP 24180	50.26 -0.10 -6.34	44.39 -0.20 -0.02	46.93 -0.26 0.00	56.18 -0.23 0.00	47.55 -0.18 0.00	46.39 -0.14 0.00	67.09 0.00 0.00		159.58 0.32 0.00
DAHOWA___HYDRO 323763	45.04 1.03 0.00	45.70 1.11 0.00	48.22 1.03 0.00	57.58 1.17 0.00	48.62 0.89 0.00	47.57 1.04 0.00	68.86 1.77 0.00		162.76 3.51 0.00
DANC___LFG 323619	103.84 -0.46 -60.29	43.90 -0.84 -0.17	46.46 -0.73 0.00	55.68 -0.73 0.00	47.72 -0.01 0.00	46.58 0.05 0.00	67.91 0.82 0.00		163.22 3.97 0.00
DANSKAMMER___1 23586	45.33 1.31 0.00	45.81 1.23 0.00	48.29 1.10 0.00	57.51 1.10 0.00	48.76 1.04 0.00	48.03 1.50 0.00	69.27 2.18 0.00		164.17 4.93 0.00
DANSKAMMER___2 23589	45.33 1.31 0.00	45.81 1.23 0.00	48.29 1.10 0.00	57.51 1.10 0.00	48.76 1.04 0.00	48.03 1.50 0.00	69.27 2.18 0.00		164.17 4.93 0.00
DANSKAMMER___3 23590	45.33 1.31 0.00	45.81 1.23 0.00	48.29 1.10 0.00	57.51 1.10 0.00	48.76 1.04 0.00	48.03 1.50 0.00	69.27 2.18 0.00		164.17 4.93 0.00
DANSKAMMER___4 23591	45.33 1.31	45.81 1.23	48.29 1.10	57.51 1.10	48.76 1.04	48.03 1.50	69.27 2.18		164.17 4.93

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DANSKAMMER___DIESEL 23592	45.33 1.32 0.00	45.81 1.23 0.00	48.27 1.08 0.00	57.47 1.06 0.00	48.75 1.02 0.00	48.03 1.50 0.00	69.26 2.17 0.00	164.17 4.92 0.00	
DARBY___SOLAR 323810	44.94 0.92 0.00	45.60 1.02 0.00	48.11 0.93 0.00	57.46 1.05 0.00	48.51 0.78 0.00	47.44 0.91 0.00	68.61 1.52 0.00	162.27 3.02 0.00	
DASHVILLE___HYD 23610	44.94 0.93 0.00	45.42 0.84 0.00	47.88 0.70 0.00	57.01 0.60 0.00	48.36 0.63 0.00	47.60 1.07 0.00	68.59 1.50 0.00	162.57 3.32 0.00	
DELAWARE___LFGE 323621	44.65 0.64 0.00	45.24 0.66 0.00	47.94 0.76 0.00	57.33 0.92 0.00	48.61 0.89 0.00	47.27 0.74 0.00	68.23 1.14 0.00	161.96 2.71 0.00	
DERFIELD_115KV_TB7 355931	51.60 0.00 -7.58	44.59 -0.01 -0.02	47.15 -0.04 0.00	56.36 -0.06 0.00	47.69 -0.04 0.00	46.45 -0.08 0.00	67.00 -0.09 0.00	158.94 -0.32 0.00	
DOGLEVILLE___HYD 23807	51.54 -0.07 -7.58	44.57 -0.04 -0.02	47.00 -0.19 0.00	56.29 -0.12 0.00	47.62 -0.10 0.00	46.52 -0.01 0.00	67.42 0.33 0.00	160.06 0.80 0.00	
DUNKIRK___115KV_TB_200 55889	42.13 -1.89 0.00	42.47 -2.11 0.00	44.82 -2.37 0.00	54.52 -1.89 0.00	45.42 -2.30 0.00	43.91 -2.62 0.00	63.89 -3.20 0.00	152.87 -6.37 0.00	
DUNKIRK___1 23563	42.13 -1.89 0.00	42.47 -2.11 0.00	44.82 -2.37 0.00	54.52 -1.89 0.00	45.42 -2.30 0.00	43.91 -2.62 0.00	63.89 -3.20 0.00	152.87 -6.37 0.00	
DUNKIRK___2 23564	42.13 -1.89 0.00	42.47 -2.11 0.00	44.82 -2.37 0.00	54.52 -1.89 0.00	45.42 -2.30 0.00	43.91 -2.62 0.00	63.89 -3.20 0.00	152.87 -6.37 0.00	
DUNKIRK___3 23565	41.87 -2.15 0.00	42.23 -2.35 0.00	44.61 -2.58 0.00	54.29 -2.13 0.00	45.18 -2.55 0.00	43.67 -2.86 0.00	63.55 -3.54 0.00	152.23 -7.02 0.00	
DUNKIRK___4 23566	41.87 -2.15 0.00	42.23 -2.35 0.00	44.61 -2.58 0.00	54.29 -2.13 0.00	45.18 -2.55 0.00	43.67 -2.86 0.00	63.55 -3.54 0.00	152.23 -7.02 0.00	
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.28 1.26 0.00	45.74 1.16 0.00	48.16 0.97 0.00	57.31 0.89 0.00	48.64 0.91 0.00	48.01 1.48 0.00	70.08 1.94 -1.05	163.53 4.27 0.00	
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.07 1.05 0.00	45.55 0.97 0.00	48.00 0.81 0.00	57.13 0.72 0.00	48.48 0.75 0.00	47.75 1.23 0.00	68.79 1.70 0.00	163.06 3.80 0.00	
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.33 1.32 0.00	45.78 1.20 0.00	48.18 0.99 0.00	57.32 0.91 0.00	48.69 0.97 0.00	48.15 1.62 0.00	70.95 2.08 -1.78	164.30 5.06 0.00	
E179THST_13_KV_LOAD 356214	45.52 1.49	45.95 1.38	48.36 1.17	57.51 1.09	48.87 1.14	48.32 1.79	71.24 2.37	164.94 5.69	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.78	0.00
EAST HAMPTON___GT 23717	44.97 0.95 0.00	44.78 0.20 0.00	47.06 -0.13 0.00	55.74 -0.67 0.00	47.54 -0.19 0.00	46.84 0.31 0.00	68.48 0.65 -0.73	158.72 -0.52 0.00	
EAST RIVER___6 23660	45.31 1.30 0.00	45.76 1.18 0.00	48.19 1.00 0.00	57.37 0.96 0.00	48.66 0.94 0.00	48.13 1.60 0.00	69.24 2.14 0.00	164.17 4.92 0.00	
EAST RIVER___7 23524	45.31 1.30 0.00	45.76 1.18 0.00	48.19 1.00 0.00	57.37 0.96 0.00	48.66 0.94 0.00	48.13 1.60 0.00	69.24 2.14 0.00	164.17 4.92 0.00	
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.18 1.16 0.00	45.64 1.06 0.00	48.07 0.88 0.00	57.19 0.78 0.00	48.53 0.80 0.00	47.89 1.36 0.00	68.89 1.80 0.00	163.21 3.96 0.00	
EAST_HAMPTON___DIESEL 23722	44.87 0.85 0.00	44.61 0.03 0.00	46.89 -0.30 0.00	55.53 -0.89 0.00	47.36 -0.36 0.00	46.69 0.16 0.00	68.31 0.49 -0.73	158.41 -0.84 0.00	
EAST_POINT___SOLAR 323840	46.22 2.20 0.00	46.66 2.08 0.00	49.39 2.20 0.00	59.27 2.85 0.00	50.25 2.53 0.00	49.04 2.51 0.00	71.34 4.25 0.00	170.21 10.96 0.00	
EAST_PULASKI___ESR 323781	82.17 -0.58 -38.73	43.86 -0.83 -0.11	46.36 -0.83 0.00	55.53 -0.88 0.00	47.38 -0.34 0.00	46.18 -0.35 0.00	67.12 0.02 0.00	160.52 1.26 0.00	
EAST_RIVER___1 323558	45.38 1.37 0.00	45.83 1.25 0.00	48.27 1.08 0.00	57.48 1.06 0.00	48.74 1.02 0.00	48.17 1.64 0.00	69.28 2.19 0.00	164.17 4.92 0.00	
EAST_RIVER___2 323559	45.31 1.30 0.00	45.76 1.18 0.00	48.19 1.00 0.00	57.37 0.96 0.00	48.66 0.94 0.00	48.13 1.60 0.00	69.24 2.14 0.00	164.17 4.92 0.00	
EAST___DELAWARE_HYD 23607	45.49 1.47 0.00	46.00 1.42 0.00	48.57 1.38 0.00	57.94 1.53 0.00	49.16 1.44 0.00	48.39 1.86 0.00	69.83 2.74 0.00	165.46 6.20 0.00	
EIGHT_POINT___WT_PWR 323820	42.22 -1.80 0.00	42.81 -1.77 0.00	45.04 -2.15 0.00	54.12 -2.29 0.00	45.77 -1.96 0.00	45.40 -1.13 0.00	65.77 -1.32 0.00	156.09 -3.17 0.00	
ELBRIDGE_115KV_TB2 80188	49.22 -0.39 -5.60	44.07 -0.53 -0.02	46.62 -0.57 0.00	55.83 -0.58 0.00	47.21 -0.51 0.00	46.05 -0.48 0.00	66.60 -0.49 0.00	158.31 -0.95 0.00	
ELEC_TRO_TEK 24086	45.32 1.30 0.00	45.75 1.17 0.00	48.11 0.92 0.00	57.08 0.67 0.00	48.60 0.87 0.00	47.92 1.39 0.00	69.41 1.57 -0.74	161.91 2.66 0.00	
ELLENBURG_WT_PWR 323604	37.84 -0.15 6.03	44.75 0.19 0.02	47.62 0.43 0.00	56.88 0.47 0.00	48.20 0.48 0.00	47.04 0.51 0.00	68.04 0.95 0.00	161.66 2.41 0.00	
ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.10 -2.92	41.46 -3.12	43.88 -3.31	53.63 -2.79	44.46 -3.27	42.85 -3.68	62.44 -4.65	150.13 -9.12	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMPIRE_CC_1 323656	44.07 0.05 0.00	44.87 0.29 0.00	47.33 0.14 0.00	56.39 -0.03 0.00	47.61 -0.11 0.00	46.49 -0.04 0.00	66.76 -0.33 0.00	157.51 -1.74 0.00	
EMPIRE_CC_2 323658	44.07 0.05 0.00	44.87 0.29 0.00	47.33 0.14 0.00	56.39 -0.03 0.00	47.61 -0.11 0.00	46.49 -0.04 0.00	66.76 -0.33 0.00	157.51 -1.74 0.00	
ENORWICH_115KV_TB1 80156	44.80 0.79 0.00	45.92 1.34 0.00	49.16 1.98 0.00	59.20 2.79 0.00	50.28 2.56 0.00	49.42 2.89 0.00	72.51 5.42 0.00	173.43 14.17 0.00	
ERIE_ST__34_KV_TB1-2 80199	42.06 -1.96 0.00	42.44 -2.14 0.00	44.91 -2.28 0.00	54.80 -1.62 0.00	45.45 -2.27 0.00	43.95 -2.58 0.00	64.22 -2.87 0.00	154.42 -4.84 0.00	
ERIE_WT_PWR 323693	41.50 -2.51 0.00	35.24 -2.72 6.61	31.84 -2.93 12.42	12.68 -2.49 41.24	37.26 -2.91 7.55	36.31 -3.15 7.06	35.75 -3.99 27.35	62.73 -7.05 89.48	
ESPRGFLD_115KV_TB1 80157	45.25 1.23 0.00	45.71 1.13 0.00	48.49 1.30 0.00	58.23 1.82 0.00	49.46 1.74 0.00	48.15 1.62 0.00	69.92 2.83 0.00	166.87 7.62 0.00	
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.39 0.38 0.00	44.90 0.32 0.00	47.55 0.37 0.00	56.99 0.58 0.00	48.21 0.49 0.00	47.06 0.53 0.00	68.23 1.14 0.00	162.45 3.19 0.00	
ETNA____115KV_TB2 80207	44.39 0.38 0.00	44.90 0.32 0.00	47.55 0.37 0.00	56.99 0.58 0.00	48.21 0.49 0.00	47.06 0.53 0.00	68.23 1.14 0.00	162.45 3.19 0.00	
EUCLID__115KV_TB2 356179	49.55 -0.58 -6.11	43.91 -0.68 -0.02	46.43 -0.75 0.00	55.59 -0.83 0.00	47.01 -0.72 0.00	45.83 -0.70 0.00	66.27 -0.82 0.00	157.66 -1.60 0.00	
E_CANADA_CAP_HY 24051	45.42 1.41 0.00	45.84 1.25 0.00	48.56 1.37 0.00	58.34 1.93 0.00	49.52 1.80 0.00	48.23 1.70 0.00	70.09 3.00 0.00	167.18 7.94 0.00	
E_CANADA_MHWK_HY 24050	51.54 -0.07 -7.58	44.57 -0.04 -0.02	47.00 -0.19 0.00	56.29 -0.12 0.00	47.62 -0.11 0.00	46.52 -0.01 0.00	67.42 0.33 0.00	160.06 0.81 0.00	
E_FISHKILL__LBMP 23776	44.82 0.81 0.00	45.32 0.74 0.00	47.74 0.55 0.00	56.82 0.41 0.00	48.19 0.46 0.00	47.47 0.94 0.00	68.35 1.26 0.00	161.93 2.68 0.00	
FALCON__SEABRD_CC1 323796	44.35 0.34 0.00	45.24 0.66 0.00	48.13 0.93 0.00	57.48 1.07 0.00	48.70 0.97 0.00	47.65 1.12 0.00	69.01 1.92 0.00	163.90 4.65 0.00	
FALCON__SEABRD_CC2 323797	44.35 0.34 0.00	45.24 0.66 0.00	48.13 0.93 0.00	57.48 1.07 0.00	48.70 0.97 0.00	47.65 1.12 0.00	69.01 1.92 0.00	163.90 4.65 0.00	
FAR ROCKAWAY__4 23548	45.93 1.91	46.35 1.77	48.73 1.55	57.84 1.42	49.23 1.51	48.57 2.05	70.38 2.55	164.30 5.05	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.43 1.41 0.00	45.89 1.31 0.00	48.32 1.13 0.00	57.49 1.08 0.00	48.78 1.06 0.00	48.23 1.70 0.00	69.31 2.22 0.00		164.32 5.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.46 1.44 0.00	45.91 1.33 0.00	48.34 1.15 0.00	57.52 1.10 0.00	48.80 1.08 0.00	48.24 1.71 0.00	69.35 2.26 0.00		164.32 5.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.41 1.40 0.00	45.86 1.28 0.00	48.29 1.10 0.00	57.46 1.05 0.00	48.76 1.03 0.00	48.19 1.66 0.00	69.28 2.19 0.00		164.17 4.91 0.00
FARRAGUT__LBMP 323566	45.38 1.37 0.00	45.83 1.25 0.00	48.26 1.07 0.00	57.42 1.01 0.00	48.73 1.01 0.00	48.16 1.63 0.00	69.23 2.14 0.00		164.16 4.90 0.00
FENNER__WINDPWR 24204	55.70 0.49 -11.20	45.10 0.49 -0.03	47.70 0.51 0.00	57.14 0.73 0.00	48.41 0.69 0.00	47.29 0.76 0.00	68.54 1.45 0.00		163.08 3.82 0.00
FIBERTEK__ENERGY 23856	50.26 -0.10 -6.34	44.39 -0.20 -0.02	46.93 -0.26 0.00	56.18 -0.23 0.00	47.55 -0.18 0.00	46.39 -0.14 0.00	67.09 0.00 0.00		159.58 0.32 0.00
FITZPATRICK____ 23598	42.86 -1.16 0.00	43.31 -1.27 0.00	45.82 -1.37 0.00	54.86 -1.55 0.00	46.38 -1.35 0.00	45.21 -1.32 0.00	65.31 -1.79 0.00		155.28 -3.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.41 1.40 0.00	45.90 1.32 0.00	48.36 1.17 0.00	57.58 1.16 0.00	48.83 1.11 0.00	48.12 1.59 0.00	69.39 2.30 0.00		164.49 5.24 0.00
FORT ORANGE____ 23900	45.01 1.00 0.00	45.70 1.12 0.00	48.26 1.08 0.00	57.58 1.16 0.00	48.67 0.95 0.00	47.50 0.97 0.00	68.42 1.33 0.00		161.79 2.54 0.00
FORT_DRUM_COGEN 23780	128.64 0.08 -84.53	44.47 -0.34 -0.24	47.05 -0.14 0.00	56.38 -0.03 0.00	48.32 0.60 0.00	47.36 0.83 0.00	69.16 2.07 0.00		166.41 7.16 0.00
FOX_HILLS__ESR 323835	16.33 1.47 29.17	24.32 1.42 21.68	48.28 1.09 0.00	57.25 0.83 0.00	48.66 0.93 0.00	48.08 1.55 0.00	52.16 1.90 16.83		163.36 4.11 0.00
FPL_FAR_ROCK_GT1 24212	45.93 1.91 0.00	46.36 1.78 0.00	48.76 1.57 0.00	57.92 1.50 0.00	49.24 1.52 0.00	48.57 2.05 0.00	70.42 2.59 -0.74		164.30 5.05 0.00
FPL_FAR_ROCK_GT2 23815	45.93 1.91 0.00	46.36 1.78 0.00	48.76 1.57 0.00	57.92 1.50 0.00	49.24 1.52 0.00	48.57 2.05 0.00	70.42 2.59 -0.74		164.30 5.05 0.00
FRANKLIN_FALL_HYD 24054	142.94 0.59 -98.33	45.76 0.91 -0.27	48.38 1.19 0.00	57.87 1.45 0.00	49.01 1.28 0.00	47.73 1.20 0.00	68.99 1.90 0.00		164.20 4.94 0.00
FREEPORT_EQUUS_GT1 23764	45.54 1.52	45.97 1.39	48.32 1.13	57.36 0.94	48.79 1.07	48.09 1.56	69.60 1.77		161.73 2.49

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.74	0.00
FREEPORT__CT2 23818	45.54 1.52 0.00	45.97 1.39 0.00	48.32 1.13 0.00	57.36 0.94 0.00	48.79 1.07 0.00	48.09 1.56 0.00	69.60 1.77 -0.74	161.73 2.49 0.00	
FRESHKLS_33_KV_LOAD 356253	16.37 1.52 29.17	24.37 1.47 21.68	48.29 1.10 0.00	57.08 0.67 0.00	48.62 0.90 0.00	48.02 1.50 0.00	53.57 1.86 15.38	163.21 3.96 0.00	
FULTON COGEN____ 23766	56.87 -1.26 -14.11	43.22 -1.40 -0.04	45.67 -1.52 0.00	54.65 -1.76 0.00	46.27 -1.46 0.00	45.13 -1.40 0.00	65.29 -1.80 0.00	155.43 -3.82 0.00	
FULTON__LFGE 323630	45.79 1.78 0.00	46.27 1.69 0.00	48.96 1.77 0.00	58.67 2.25 0.00	49.72 1.99 0.00	48.50 1.97 0.00	70.41 3.32 0.00	167.82 8.57 0.00	
G.F.CEMENT__DRP 24184	45.07 1.05 0.00	45.68 1.10 0.00	48.16 0.98 0.00	57.54 1.13 0.00	48.60 0.88 0.00	47.63 1.10 0.00	69.13 2.04 0.00	163.56 4.30 0.00	
GARDENVILLE__LBMP 24039	41.32 -2.70 0.00	41.69 -2.89 0.00	44.10 -3.09 0.00	53.86 -2.56 0.00	44.68 -3.04 0.00	43.12 -3.41 0.00	62.84 -4.25 0.00	150.94 -8.31 0.00	
GARDNVLA_35_KV_LD 355827	41.68 -2.34 0.00	42.02 -2.56 0.00	44.45 -2.74 0.00	54.30 -2.12 0.00	45.03 -2.69 0.00	43.50 -3.03 0.00	63.43 -3.66 0.00	152.52 -6.73 0.00	
GELCKHM__115KV_LOAD 80723	49.19 -0.63 -5.79	43.89 -0.71 -0.02	46.39 -0.80 0.00	55.54 -0.88 0.00	46.96 -0.77 0.00	45.79 -0.74 0.00	66.21 -0.88 0.00	157.51 -1.75 0.00	
GENERAL__MILLS 23808	41.50 -2.52 0.00	41.86 -2.72 0.00	44.29 -2.90 0.00	54.10 -2.32 0.00	44.86 -2.86 0.00	43.32 -3.21 0.00	63.17 -3.92 0.00	151.88 -7.37 0.00	
GE_PLASTICS__DRP 24183	44.67 0.65 0.00	45.33 0.75 0.00	47.88 0.70 0.00	57.14 0.72 0.00	48.32 0.60 0.00	47.15 0.62 0.00	67.83 0.74 0.00	160.52 1.28 0.00	
GILBOA__1 23756	44.56 0.54 0.00	45.16 0.58 0.00	47.94 0.75 0.00	57.29 0.87 0.00	48.65 0.92 0.00	46.82 0.29 0.00	67.15 0.06 0.00	158.63 -0.62 0.00	
GILBOA__2 23757	44.56 0.54 0.00	45.16 0.58 0.00	47.94 0.75 0.00	57.29 0.87 0.00	48.65 0.92 0.00	46.82 0.29 0.00	67.15 0.06 0.00	158.63 -0.62 0.00	
GILBOA__3 23758	44.56 0.54 0.00	45.16 0.58 0.00	47.94 0.75 0.00	57.29 0.87 0.00	48.65 0.92 0.00	46.82 0.29 0.00	67.15 0.06 0.00	158.63 -0.62 0.00	
GILBOA__4 23759	44.56 0.54 0.00	45.16 0.58 0.00	47.94 0.75 0.00	57.29 0.87 0.00	48.65 0.92 0.00	46.82 0.29 0.00	67.15 0.06 0.00	158.63 -0.62 0.00	
GILBOA____ 23599	44.56 0.54	45.16 0.58	47.94 0.75	57.30 0.88	48.64 0.92	46.82 0.29	67.14 0.05	158.63 -0.62	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GINNA____ 23603	41.07 -2.95 0.00	39.39 -3.13 2.07	39.96 -3.35 3.88	39.93 -3.60 12.88	42.07 -3.30 2.36	41.13 -3.22 2.17	54.42 -4.26 8.42	122.93 -8.78 27.54	
GLEN PARK____ 23778	125.51 0.16 -81.33	44.55 -0.26 -0.23	47.13 -0.06 0.00	56.46 0.04 0.00	48.41 0.69 0.00	47.45 0.93 0.00	69.34 2.25 0.00	167.04 7.78 0.00	
GLENDALE_27_KV_LOAD 356172	45.68 1.66 0.00	46.11 1.53 0.00	48.51 1.32 0.00	57.66 1.25 0.00	48.97 1.24 0.00	48.41 1.88 0.00	80.58 2.50 -11.00	164.96 5.71 0.00	
GLENWOOD_IC_1_G5 23712	45.50 1.48 0.00	45.94 1.36 0.00	48.33 1.14 0.00	57.40 0.98 0.00	48.80 1.08 0.00	48.15 1.62 0.00	69.86 2.03 -0.75	163.36 4.10 0.00	
GLENWOOD_IC_2_G1 23688	45.33 1.31 0.00	45.78 1.20 0.00	48.19 1.00 0.00	57.32 0.90 0.00	48.66 0.93 0.00	48.01 1.48 0.00	69.72 1.89 -0.75	163.04 3.78 0.00	
GLENWOOD_IC_3_G1 23689	45.33 1.31 0.00	45.78 1.20 0.00	48.19 1.00 0.00	57.32 0.90 0.00	48.66 0.93 0.00	48.01 1.48 0.00	69.72 1.89 -0.75	163.04 3.78 0.00	
GLENWOOD____4 23550	45.50 1.48 0.00	45.94 1.36 0.00	48.33 1.14 0.00	57.40 0.98 0.00	48.80 1.08 0.00	48.15 1.62 0.00	69.86 2.03 -0.75	163.36 4.10 0.00	
GLENWOOD____5 23614	45.50 1.48 0.00	45.94 1.36 0.00	48.33 1.14 0.00	57.40 0.98 0.00	48.80 1.08 0.00	48.15 1.62 0.00	69.86 2.03 -0.75	163.36 4.10 0.00	
GLOBAL GREEN_PORT_GT1 23814	45.30 1.29 0.00	45.31 0.73 0.00	47.62 0.43 0.00	56.42 0.00 0.00	48.09 0.37 0.00	47.36 0.84 0.00	69.06 1.24 -0.73	160.16 0.90 0.00	
GLOBE____DSASP 323697	39.60 -4.42 0.00	39.94 -4.64 0.00	42.27 -4.91 0.00	52.13 -4.28 0.00	42.88 -4.85 0.00	41.11 -5.42 0.00	59.84 -7.25 0.00	144.08 -15.18 0.00	
GOETHSLN____LBMP 323567	16.07 1.22 29.17	24.00 1.10 21.68	45.38 0.89 2.70	52.88 0.80 4.34	47.81 0.83 0.74	47.92 1.47 0.08	56.54 1.87 12.43	163.36 4.12 0.01	
GOLAH____69_KV_TB 1_2 80279	42.79 -1.23 0.00	43.18 -1.40 0.00	45.68 -1.51 0.00	55.28 -1.14 0.00	46.29 -1.43 0.00	44.93 -1.60 0.00	65.41 -1.68 0.00	156.84 -2.42 0.00	
GOODYEAR_LAKE_HYD 323669	45.00 0.98 0.00	45.57 0.99 0.00	48.31 1.12 0.00	57.86 1.44 0.00	49.09 1.37 0.00	47.76 1.23 0.00	69.13 2.04 0.00	164.50 5.24 0.00	
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.89 -0.12 0.00	44.40 -0.18 0.00	46.98 -0.21 0.00	56.27 -0.14 0.00	47.58 -0.15 0.00	46.31 -0.21 0.00	67.00 -0.09 0.00	159.11 -0.14 0.00	
GOUDEY____7 23579	43.89 -0.12	44.40 -0.18	46.98 -0.21	56.27 -0.14	47.58 -0.15	46.31 -0.21	67.00 -0.09	159.11 -0.14	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOUDEY__8 23580	43.89 -0.12 0.00	44.40 -0.18 0.00	46.98 -0.21 0.00	56.27 -0.14 0.00	47.58 -0.15 0.00	46.31 -0.21 0.00	67.00 -0.09 0.00	159.11 -0.14 0.00	
GOWANUS_GT1_1 24077	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT1_2 24078	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT1_3 24079	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT1_4 24080	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT1_5 24084	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT1_6 24111	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT1_7 24112	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT1_8 24113	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	111.52 2.18 -42.25	163.99 4.75 0.00	
GOWANUS_GT2_1 24114	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
GOWANUS_GT2_2 24115	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
GOWANUS_GT2_3 24116	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
GOWANUS_GT2_4 24117	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
GOWANUS_GT2_5 24118	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
GOWANUS_GT2_6 24119	45.55 1.53	46.02 1.44	48.35 1.16	57.43 1.01	48.78 1.06	48.20 1.67	60.59 2.15	163.99 4.74	

		0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.65	0.00
GOWANUS_GT2_7 24120	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00		
GOWANUS_GT2_8 24121	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00		
GOWANUS_GT3_1 24122	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT3_2 24123	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT3_3 24124	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT3_4 24125	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT3_5 24126	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT3_6 24127	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT3_7 24128	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT3_8 24129	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00		
GOWANUS_GT4_1 24130	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00		
GOWANUS_GT4_2 24131	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00		
GOWANUS_GT4_3 24132	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00		
GOWANUS_GT4_4 24133	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00		
GOWANUS_GT4_5 24134	45.54 1.52	46.02 1.44	48.33 1.14	57.35 0.93	48.77 1.05	48.21 1.68	60.62 2.18	163.99 4.75		

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.65	0.00
GOWANUS_GT4_6 24135	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00	
GOWANUS_GT4_7 24136	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00	
GOWANUS_GT4_8 24137	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00	
GREATVRV_69_KV_BK1 356245	46.07 2.05 0.00	46.48 1.91 0.00	48.85 1.66 0.00	57.82 1.41 0.00	49.29 1.57 0.00	48.61 2.09 0.00	70.29 2.46 -0.73	163.02 3.76 0.00	
GREENBSH_115KV_TB3 55895	44.77 0.75 0.00	45.45 0.87 0.00	47.99 0.80 0.00	57.24 0.83 0.00	48.38 0.65 0.00	47.23 0.70 0.00	67.97 0.88 0.00	160.69 1.43 0.00	
GREENDGE_115KV_TB5 80291	43.40 -0.61 0.00	43.86 -0.72 0.00	46.26 -0.93 0.00	55.22 -1.20 0.00	46.78 -0.95 0.00	45.97 -0.56 0.00	66.29 -0.80 0.00	157.84 -1.41 0.00	
GREENIDGE___3 23582	43.40 -0.61 0.00	43.86 -0.72 0.00	46.26 -0.93 0.00	55.22 -1.20 0.00	46.78 -0.95 0.00	45.97 -0.56 0.00	66.29 -0.80 0.00	157.84 -1.41 0.00	
GREENIDGE___4 23583	43.40 -0.61 0.00	44.77 -0.72 -0.90	47.97 -0.92 -1.70	60.83 -1.23 -5.64	47.79 -0.97 -1.03	46.91 -0.56 -0.94	69.92 -0.82 -3.64	169.77 -1.41 -11.93	
GREENLWN_69_KV_BK 3 55738	45.36 1.34 0.00	45.80 1.22 0.00	48.13 0.94 0.00	56.97 0.55 0.00	48.57 0.84 0.00	47.92 1.39 0.00	69.23 1.40 -0.73	161.10 1.86 0.00	
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.54 1.52 0.00	46.02 1.44 0.00	48.33 1.14 0.00	57.35 0.93 0.00	48.77 1.05 0.00	48.21 1.68 0.00	60.62 2.18 8.65	163.99 4.75 0.00	
GRISSOM___SOLAR 323813	45.77 1.75 0.00	46.27 1.69 0.00	48.93 1.74 0.00	58.60 2.18 0.00	49.63 1.90 0.00	48.43 1.90 0.00	70.23 3.14 0.00	167.18 7.94 0.00	
GROVEVILLE___HYD 323602	45.41 1.40 0.00	45.90 1.32 0.00	48.36 1.17 0.00	57.58 1.16 0.00	48.83 1.11 0.00	48.12 1.59 0.00	69.39 2.30 0.00	164.49 5.24 0.00	
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.26 -0.10 -6.34	44.39 -0.20 -0.02	46.93 -0.26 0.00	56.18 -0.23 0.00	47.55 -0.18 0.00	46.39 -0.14 0.00	67.09 0.00 0.00	159.58 0.32 0.00	
HAMLTNNY_34_KV_TB 80303	49.37 -0.13 -5.48	44.36 -0.24 -0.02	46.88 -0.31 0.00	56.17 -0.24 0.00	47.49 -0.23 0.00	46.34 -0.19 0.00	67.07 -0.02 0.00	159.58 0.33 0.00	
HAMPSHIRE___PAPER_HYD 323593	231.64 -0.37	44.62 -0.49	46.94 -0.25	56.17 -0.25	47.80 0.07	46.53 0.00	67.23 0.14	160.84 1.60	

	-187.99	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HARDSCRABBLE_WT_PWR 323673	51.43 -0.18 -7.58	44.40 -0.20 -0.02	46.84 -0.34 0.00	56.21 -0.21 0.00	47.58 -0.14 0.00	46.44 -0.08 0.00	67.35 0.26 0.00	160.06 0.81 0.00	
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.18 1.16 0.00	45.64 1.06 0.00	48.08 0.89 0.00	57.23 0.82 0.00	48.57 0.85 0.00	47.88 1.35 0.00	68.95 1.86 0.00	163.53 4.27 0.00	
HARSNRAD_115KV_TB1 81005	40.38 -3.64 0.00	40.80 -3.78 0.00	43.21 -3.98 0.00	52.87 -3.55 0.00	43.81 -3.91 0.00	42.07 -4.45 0.00	61.33 -5.77 0.00	147.61 -11.65 0.00	
HARZA MOOSE__RIVER 24016	99.28 0.39 -54.88	44.87 0.14 -0.15	47.49 0.30 0.00	56.78 0.36 0.00	48.29 0.57 0.00	47.31 0.78 0.00	68.65 1.55 0.00	164.02 4.77 0.00	
HDSNBRDG_115KV_BRDG_TB1 355580	49.95 -0.45 -6.38	44.05 -0.55 -0.02	46.57 -0.62 0.00	55.76 -0.66 0.00	47.15 -0.57 0.00	45.97 -0.56 0.00	66.49 -0.60 0.00	158.13 -1.11 0.00	
HELLGATE_13_KV_LD 55870	45.76 1.74 0.00	46.19 1.61 0.00	48.59 1.41 0.00	57.78 1.37 0.00	49.08 1.35 0.00	48.52 1.99 0.00	77.69 2.63 -7.97	165.43 6.18 0.00	
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.76 1.74 0.00	46.19 1.61 0.00	48.59 1.41 0.00	57.78 1.37 0.00	49.08 1.35 0.00	48.52 1.99 0.00	77.69 2.63 -7.97	165.43 6.18 0.00	
HEMPSTEAD____ 23647	45.26 1.25 0.00	45.69 1.11 0.00	48.07 0.88 0.00	57.07 0.66 0.00	48.52 0.80 0.00	47.83 1.30 0.00	69.33 1.49 -0.74	161.60 2.34 0.00	
HICKLING__1 23621	42.95 -1.07 0.00	43.38 -1.20 0.00	45.81 -1.38 0.00	54.98 -1.44 0.00	46.40 -1.33 0.00	45.35 -1.18 0.00	65.79 -1.30 0.00	156.27 -2.99 0.00	
HICKLING__2 23622	42.95 -1.07 0.00	43.38 -1.20 0.00	45.81 -1.38 0.00	54.98 -1.44 0.00	46.40 -1.33 0.00	45.35 -1.18 0.00	65.79 -1.30 0.00	156.27 -2.99 0.00	
HIGH FALLS__HY 23754	45.43 1.41 0.00	45.90 1.32 0.00	48.40 1.21 0.00	57.65 1.24 0.00	48.93 1.20 0.00	48.22 1.69 0.00	69.58 2.49 0.00	164.97 5.72 0.00	
HIGH_RIVER__SOLAR 323847	45.06 1.04 0.00	45.61 1.03 0.00	48.22 1.03 0.00	57.68 1.26 0.00	48.82 1.09 0.00	47.62 1.09 0.00	68.83 1.73 0.00	163.38 4.12 0.00	
HILLBURN__GT 23639	45.03 1.01 0.00	45.49 0.92 0.00	47.93 0.74 0.00	57.02 0.61 0.00	48.39 0.67 0.00	47.75 1.22 0.00	68.71 1.62 0.00	162.88 3.63 0.00	
HILLSIDE_115KV_TB1 80332	42.55 -1.47 0.00	42.95 -1.63 0.00	45.37 -1.82 0.00	54.36 -2.06 0.00	45.91 -1.81 0.00	44.78 -1.74 0.00	64.90 -2.19 0.00	153.89 -5.37 0.00	
HISHELDN_WT_PWR 323625	41.26 -2.76	37.86 -2.88	36.81 -3.14	29.47 -2.94	40.27 -3.06	39.29 -3.10	47.01 -4.08	98.93 -7.99	

		0.00	3.85	7.23	24.01	4.40	4.13	16.00	52.34
HOLTSVILLE_IC_1 23690	45.47 1.45 0.00	45.90 1.32 0.00	48.24 1.05 0.00	57.16 0.74 0.00	48.67 0.95 0.00	47.92 1.39 0.00	69.32 1.49 -0.73	160.78 1.54 0.00	
HOLTSVILLE_IC_10 23699	45.67 1.65 0.00	46.10 1.52 0.00	48.46 1.27 0.00	57.41 0.99 0.00	48.88 1.16 0.00	48.12 1.59 0.00	69.63 1.80 -0.73	161.58 2.32 0.00	
HOLTSVILLE_IC_2 23691	45.47 1.45 0.00	45.90 1.32 0.00	48.24 1.05 0.00	57.16 0.74 0.00	48.67 0.95 0.00	47.92 1.39 0.00	69.32 1.49 -0.73	160.78 1.54 0.00	
HOLTSVILLE_IC_3 23692	45.47 1.45 0.00	45.90 1.32 0.00	48.24 1.05 0.00	57.16 0.74 0.00	48.67 0.95 0.00	47.92 1.39 0.00	69.32 1.49 -0.73	160.78 1.54 0.00	
HOLTSVILLE_IC_4 23693	45.47 1.45 0.00	45.90 1.32 0.00	48.24 1.05 0.00	57.16 0.74 0.00	48.67 0.95 0.00	47.92 1.39 0.00	69.32 1.49 -0.73	160.78 1.54 0.00	
HOLTSVILLE_IC_5 23694	45.47 1.45 0.00	45.90 1.32 0.00	48.24 1.05 0.00	57.16 0.74 0.00	48.67 0.95 0.00	47.92 1.39 0.00	69.32 1.49 -0.73	160.78 1.54 0.00	
HOLTSVILLE_IC_6 23695	45.67 1.65 0.00	46.10 1.52 0.00	48.46 1.27 0.00	57.41 0.99 0.00	48.88 1.16 0.00	48.12 1.59 0.00	69.63 1.80 -0.73	161.58 2.32 0.00	
HOLTSVILLE_IC_7 23696	45.67 1.65 0.00	46.10 1.52 0.00	48.46 1.27 0.00	57.41 0.99 0.00	48.88 1.16 0.00	48.12 1.59 0.00	69.63 1.80 -0.73	161.58 2.32 0.00	
HOLTSVILLE_IC_8 23697	45.67 1.65 0.00	46.10 1.52 0.00	48.46 1.27 0.00	57.41 0.99 0.00	48.88 1.16 0.00	48.12 1.59 0.00	69.63 1.80 -0.73	161.58 2.32 0.00	
HOLTSVILLE_IC_9 23698	45.67 1.65 0.00	46.10 1.52 0.00	48.46 1.27 0.00	57.41 0.99 0.00	48.88 1.16 0.00	48.12 1.59 0.00	69.63 1.80 -0.73	161.58 2.32 0.00	
HOMER_HL_115KV_TB2 355744	42.76 -1.26 0.00	43.20 -1.38 0.00	45.74 -1.45 0.00	55.41 -1.01 0.00	46.05 -1.68 0.00	44.67 -1.86 0.00	65.10 -1.99 0.00	156.15 -3.10 0.00	
HOWARD_WT_PWR 323690	42.31 -1.71 0.00	42.91 -1.67 0.00	45.16 -2.03 0.00	54.27 -2.14 0.00	45.89 -1.83 0.00	45.52 -1.01 0.00	65.94 -1.15 0.00	156.71 -2.54 0.00	
HQ_GEN_CEDARS 23644	422.36 0.41 -377.94	46.21 0.58 -1.05	48.03 0.84 0.00	57.52 1.11 0.00	48.65 0.93 0.00	47.27 0.74 0.00	68.11 1.02 0.00	162.13 2.87 0.00	
HQ_GEN_CEDARS_PROXY 323590	422.36 0.41 -377.94	46.21 0.58 -1.05	48.03 0.84 0.00	57.52 1.11 0.00	48.65 0.93 0.00	47.27 0.74 0.00	68.11 1.02 0.00	162.13 2.88 0.00	
HQ_GEN_CHPE_PROXY 323851	45.40 1.38	45.85 1.27	48.29 1.10	57.49 1.07	48.76 1.04	48.18 1.66	69.24 2.15	164.00 4.74	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HQ_GEN_IMPORT 323601	32.71 0.20 11.51	44.81 0.27 0.03	47.56 0.37 0.00	56.89 0.48 0.00	48.11 0.38 0.00	46.88 0.35 0.00	67.59 0.49 0.00	160.53 1.28 0.00	
HQ_GEN_WHEEL 23651	32.71 0.20 11.51	44.81 0.27 0.03	47.56 0.37 0.00	56.89 0.48 0.00	48.11 0.38 0.00	46.88 0.35 0.00	67.59 0.49 0.00	160.53 1.28 0.00	
HUDSON AVE_GT_3 23810	45.46 1.44 0.00	45.91 1.33 0.00	48.34 1.15 0.00	57.52 1.10 0.00	48.80 1.08 0.00	48.24 1.71 0.00	69.35 2.26 0.00	164.48 5.22 0.00	
HUDSON AVE_GT_4 23540	45.46 1.44 0.00	45.91 1.33 0.00	48.34 1.15 0.00	57.52 1.10 0.00	48.80 1.08 0.00	48.24 1.71 0.00	69.35 2.26 0.00	164.48 5.22 0.00	
HUDSON AVE_GT_5 23657	45.46 1.44 0.00	45.91 1.33 0.00	48.34 1.15 0.00	57.52 1.10 0.00	48.80 1.08 0.00	48.24 1.71 0.00	69.35 2.26 0.00	164.48 5.22 0.00	
HUDSON_AVE_10 24168	45.26 1.24 0.00	45.71 1.13 0.00	48.13 0.94 0.00	57.26 0.85 0.00	48.59 0.86 0.00	48.03 1.50 0.00	69.87 1.97 -0.80	163.69 4.44 0.00	
HUDSON___115KV_TB 4 355613	45.63 1.61 0.00	46.29 1.71 0.00	48.91 1.72 0.00	58.37 1.96 0.00	49.37 1.65 0.00	48.22 1.69 0.00	69.54 2.45 0.00	164.82 5.56 0.00	
HUNTER MOUNT___DRP 323613	45.85 1.83 0.00	46.50 1.92 0.00	49.15 1.96 0.00	58.69 2.27 0.00	49.64 1.92 0.00	48.45 1.92 0.00	69.95 2.86 0.00	165.93 6.67 0.00	
HUNTINGTON_RES_REC 323705	45.47 1.45 0.00	45.91 1.33 0.00	48.25 1.06 0.00	57.15 0.74 0.00	48.67 0.95 0.00	47.99 1.46 0.00	69.40 1.57 -0.73	161.26 2.00 0.00	
HUNTLEY___63 23557	40.79 -3.23 0.00	41.17 -3.41 0.00	43.56 -3.63 0.00	53.41 -3.00 0.00	44.15 -3.57 0.00	42.46 -4.07 0.00	61.93 -5.16 0.00	149.03 -10.22 0.00	
HUNTLEY___64 23558	40.79 -3.23 0.00	41.17 -3.41 0.00	43.56 -3.63 0.00	53.41 -3.00 0.00	44.15 -3.57 0.00	42.46 -4.07 0.00	61.93 -5.16 0.00	149.03 -10.22 0.00	
HUNTLEY___65 23559	40.79 -3.23 0.00	41.17 -3.41 0.00	43.56 -3.63 0.00	53.41 -3.00 0.00	44.15 -3.57 0.00	42.46 -4.07 0.00	61.93 -5.16 0.00	149.03 -10.22 0.00	
HUNTLEY___66 23560	40.79 -3.23 0.00	41.17 -3.41 0.00	43.56 -3.63 0.00	53.41 -3.00 0.00	44.15 -3.57 0.00	42.46 -4.07 0.00	61.93 -5.16 0.00	149.03 -10.22 0.00	
HUNTLEY___67 23561	40.71 -3.31 0.00	41.05 -3.52 0.00	43.46 -3.73 0.00	53.18 -3.23 0.00	44.04 -3.68 0.00	42.39 -4.14 0.00	61.76 -5.33 0.00	148.54 -10.71 0.00	
HUNTLEY___68 23562	40.71 -3.31	41.05 -3.52	43.46 -3.73	53.18 -3.23	44.04 -3.68	42.39 -4.14	61.76 -5.33	148.54 -10.71	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HYLAND__LFG 323620	44.69 0.67 0.00	44.11 0.49 0.96	45.79 0.40 1.80	51.57 1.12 5.97	47.23 0.60 1.09	46.40 0.90 1.03	65.24 2.15 4.00	152.71 6.53 13.08	
INDECK__CORINTH 23802	44.51 0.49 0.00	45.08 0.50 0.00	47.57 0.38 0.00	56.83 0.42 0.00	48.01 0.29 0.00	46.99 0.46 0.00	68.18 1.09 0.00	161.33 2.07 0.00	
INDECK__ILION 23567	51.62 0.02 -7.58	44.61 0.01 -0.02	47.13 -0.06 0.00	56.40 -0.02 0.00	47.73 0.01 0.00	46.57 0.04 0.00	67.35 0.26 0.00	159.89 0.64 0.00	
INDECK__OLEAN 23982	42.76 -1.26 0.00	34.91 -1.40 8.27	30.15 -1.50 15.54	3.63 -1.19 51.59	36.54 -1.74 9.45	35.88 -1.83 8.82	30.83 -2.12 34.14	44.62 -2.95 111.69	
INDECK__OSWEGO 23783	60.80 -0.97 -17.75	43.51 -1.12 -0.05	46.00 -1.19 0.00	55.04 -1.37 0.00	46.66 -1.07 0.00	45.50 -1.03 0.00	65.82 -1.28 0.00	156.70 -2.55 0.00	
INDECK__YERKES 23781	40.82 -3.20 0.00	35.19 -3.40 5.99	32.30 -3.64 11.25	15.89 -3.18 37.34	37.29 -3.59 6.84	36.14 -3.99 6.40	37.08 -5.23 24.78	68.28 -9.92 81.06	
INDIAN POINT_GT_1 24139	45.05 1.03 0.00	45.51 0.94 0.00	47.94 0.75 0.00	57.02 0.61 0.00	48.39 0.67 0.00	47.76 1.23 0.00	68.70 1.61 0.00	162.73 3.48 0.00	
INDIAN POINT_GT_2 23659	45.05 1.03 0.00	45.51 0.94 0.00	47.94 0.75 0.00	57.02 0.61 0.00	48.39 0.67 0.00	47.76 1.23 0.00	68.70 1.61 0.00	162.73 3.48 0.00	
INDIAN POINT_GT_3 24019	45.05 1.03 0.00	45.51 0.94 0.00	47.94 0.75 0.00	57.02 0.61 0.00	48.39 0.67 0.00	47.76 1.23 0.00	68.70 1.61 0.00	162.73 3.48 0.00	
INDIAN POINT__2 23530	45.01 0.99 0.00	45.48 0.90 0.00	47.90 0.72 0.00	57.01 0.60 0.00	48.36 0.64 0.00	47.72 1.19 0.00	68.65 1.55 0.00	162.58 3.32 0.00	
INDIAN POINT__3 23531	45.01 0.99 0.00	45.49 0.91 0.00	47.90 0.71 0.00	56.98 0.56 0.00	48.35 0.62 0.00	47.71 1.19 0.00	68.65 1.56 0.00	162.57 3.32 0.00	
INGHAM_C_115KV_TB7 356103	51.54 -0.07 -7.58	44.57 -0.04 -0.02	47.00 -0.19 0.00	56.29 -0.12 0.00	47.62 -0.10 0.00	46.52 -0.01 0.00	67.42 0.33 0.00	160.06 0.80 0.00	
IP CORINTH__1 23988	44.74 0.72 0.00	45.33 0.75 0.00	47.82 0.63 0.00	57.12 0.71 0.00	48.25 0.52 0.00	47.25 0.72 0.00	68.57 1.48 0.00	162.28 3.04 0.00	
IP__TICONDEROGA 23804	46.15 2.14 0.00	46.73 2.15 0.00	49.06 1.87 0.00	58.64 2.23 0.00	49.57 1.85 0.00	48.95 2.43 0.00	71.98 4.89 0.00	170.42 11.16 0.00	
ISLIP_RES_REC 323679	45.90 1.89	46.34 1.76	48.71 1.52	57.70 1.29	49.13 1.41	48.39 1.86	70.03 2.21	162.54 3.28	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00
JAMAICA__27_KV_LOAD 355505	45.43 1.41 0.00	45.89 1.31 0.00	48.29 1.11 0.00	57.49 1.08 0.00	48.77 1.05 0.00	48.19 1.66 0.00	70.44 2.45 -0.91	164.66 5.42 0.00	
JANIS__SOLAR 323808	44.78 0.76 0.00	47.10 0.96 -1.56	51.37 1.26 -2.92	67.91 1.79 -9.71	51.12 1.62 -1.78	49.97 1.80 -1.64	76.84 3.42 -6.33	189.19 9.23 -20.71	
JARVIS____ 23743	51.60 0.00 -7.58	44.59 -0.01 -0.02	47.15 -0.04 0.00	56.36 -0.06 0.00	47.69 -0.03 0.00	46.45 -0.08 0.00	67.00 -0.09 0.00	158.94 -0.32 0.00	
JENNISON__1 23625	44.23 0.21 0.00	45.24 0.66 0.00	48.07 0.88 0.00	57.67 1.25 0.00	48.90 1.17 0.00	47.88 1.35 0.00	70.02 2.93 0.00	167.22 7.96 0.00	
JENNISON__2 23626	44.23 0.21 0.00	45.24 0.66 0.00	48.07 0.88 0.00	57.67 1.25 0.00	48.90 1.17 0.00	47.88 1.35 0.00	70.02 2.93 0.00	167.22 7.96 0.00	
JERICO_RISE_WT_PWR 323719	83.78 -0.13 -39.89	44.96 0.26 -0.11	47.73 0.54 0.00	57.01 0.60 0.00	48.29 0.57 0.00	47.13 0.60 0.00	68.17 1.08 0.00	161.82 2.57 0.00	
KATONAH__115KV_46KV_TB4 355592	45.31 1.29 0.00	45.79 1.21 0.00	48.23 1.04 0.00	57.39 0.98 0.00	48.69 0.96 0.00	48.05 1.52 0.00	69.20 2.11 0.00	164.00 4.75 0.00	
KCE_NY_1 323755	45.16 1.14 0.00	45.78 1.21 0.00	48.33 1.15 0.00	57.73 1.32 0.00	48.78 1.05 0.00	47.65 1.13 0.00	68.86 1.77 0.00	162.91 3.67 0.00	
KCE_NY_6_ESR 323823	41.50 -2.51 0.00	35.24 -2.72 6.61	31.84 -2.93 12.42	12.68 -2.49 41.24	37.26 -2.91 7.55	36.31 -3.15 7.06	35.75 -3.99 27.35	62.73 -7.05 89.48	
KEDC_PORT_JEFF_GT2 24210	45.58 1.57 0.00	46.02 1.44 0.00	48.38 1.19 0.00	57.29 0.88 0.00	48.79 1.07 0.00	48.05 1.52 0.00	69.52 1.69 -0.73	161.26 2.00 0.00	
KEDC_PORT_JEFF_GT3 24211	45.58 1.57 0.00	46.02 1.44 0.00	48.38 1.19 0.00	57.29 0.88 0.00	48.79 1.07 0.00	48.05 1.52 0.00	69.52 1.69 -0.73	161.26 2.00 0.00	
KEDC_GLWD_GT4 24219	45.50 1.48 0.00	45.94 1.36 0.00	48.34 1.15 0.00	57.46 1.05 0.00	48.81 1.08 0.00	48.15 1.62 0.00	69.89 2.05 -0.75	163.35 4.09 0.00	
KEDC_GLWD_GT5 24220	45.50 1.48 0.00	45.94 1.36 0.00	48.34 1.15 0.00	57.46 1.05 0.00	48.81 1.08 0.00	48.15 1.62 0.00	69.89 2.05 -0.75	163.35 4.09 0.00	
KENSICO____ 23655	45.18 1.16 0.00	45.64 1.06 0.00	48.07 0.88 0.00	57.19 0.78 0.00	48.53 0.80 0.00	47.89 1.36 0.00	68.89 1.80 0.00	163.21 3.96 0.00	
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.54 1.52	46.02 1.44	48.53 1.35	57.83 1.41	49.07 1.34	48.35 1.82	69.75 2.66	165.45 6.19	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KIAC_JFK_GT1 23816	44.98 0.96 0.00	45.50 0.93 0.00	47.89 0.70 0.00	56.99 0.58 0.00	48.35 0.62 0.00	47.73 1.20 0.00	69.73 1.73 -0.91	163.08 3.82 0.00	
KIAC_JFK_GT2 23817	44.98 0.96 0.00	45.50 0.93 0.00	47.89 0.70 0.00	56.99 0.58 0.00	48.35 0.62 0.00	47.73 1.20 0.00	69.73 1.73 -0.91	163.08 3.82 0.00	
KIAC_JFK____ 323774	44.98 0.96 0.00	45.51 0.93 0.00	47.91 0.72 0.00	57.05 0.63 0.00	48.36 0.64 0.00	47.73 1.20 0.00	69.76 1.76 -0.91	163.07 3.81 0.00	
KINTIGH__24_KV_GSU 356498	40.59 -3.43 0.00	35.70 -3.65 5.23	33.48 -3.87 9.83	20.05 -3.71 32.65	37.87 -3.88 5.98	36.86 -4.20 5.47	40.21 -5.71 21.17	78.80 -11.20 69.25	
KINTIGH____ 23543	40.57 -3.44 0.00	40.93 -3.65 0.00	43.33 -3.85 0.00	52.85 -3.56 0.00	43.87 -3.86 0.00	42.27 -4.26 0.00	61.44 -5.65 0.00	147.74 -11.51 0.00	
KNTFSRNC_46_KV_46KV_LOAD 80397	50.43 0.52 -5.89	45.42 0.83 -0.02	48.29 1.10 0.00	57.68 1.27 0.00	48.85 1.13 0.00	47.79 1.26 0.00	69.24 2.15 0.00	164.53 5.27 0.00	
LACHUTE____HYDRO 323717	46.15 2.14 0.00	46.73 2.15 0.00	49.06 1.87 0.00	58.65 2.24 0.00	49.58 1.85 0.00	48.95 2.42 0.00	71.98 4.89 0.00	170.41 11.16 0.00	
LAWRNCAV_115KV_TB1 80681	342.16 0.12 -298.02	45.68 0.27 -0.83	47.73 0.54 0.00	57.15 0.74 0.00	48.40 0.68 0.00	46.87 0.34 0.00	67.36 0.27 0.00	160.53 1.29 0.00	
LEDERLE____ 23769	45.19 1.17 0.00	45.64 1.06 0.00	48.07 0.88 0.00	57.18 0.77 0.00	48.54 0.81 0.00	47.90 1.37 0.00	68.93 1.84 0.00	163.37 4.12 0.00	
LIGHTHSE_115KV_TB6 355974	90.16 -0.55 -46.69	43.86 -0.85 -0.13	46.37 -0.82 0.00	55.57 -0.85 0.00	47.53 -0.19 0.00	46.30 -0.23 0.00	67.40 0.31 0.00	161.47 2.22 0.00	
LINDEN COGEN____ 23786	16.05 1.19 29.17	23.98 1.08 21.68	45.38 0.88 2.70	52.90 0.82 4.34	47.80 0.82 0.74	47.90 1.45 0.08	56.53 1.86 12.43	163.35 4.11 0.01	
LINDHRST_69_KV_BK1 356055	45.78 1.77 0.00	46.19 1.61 0.00	48.56 1.37 0.00	57.50 1.08 0.00	48.99 1.27 0.00	48.32 1.79 0.00	69.91 2.08 -0.74	162.54 3.29 0.00	
LIPA_MISC_IPP 23656	45.21 1.19 0.00	45.64 1.06 0.00	47.95 0.76 0.00	56.73 0.31 0.00	48.39 0.66 0.00	47.50 0.97 0.00	68.71 0.88 -0.73	159.19 -0.07 0.00	
LISF__SOLAR 323691	45.30 1.28 0.00	45.73 1.16 0.00	48.07 0.88 0.00	56.94 0.53 0.00	48.50 0.77 0.00	47.60 1.07 0.00	68.92 1.09 -0.73	159.52 0.26 0.00	
LITTLE FALLS__HYD 24013	51.54 -0.07	44.57 -0.04	47.00 -0.19	56.29 -0.12	47.62 -0.10	46.52 -0.01	67.42 0.33	160.06 0.80	

	-7.58	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LITTLRIV_115KV_TB1 356100	329.58 0.65 -284.91	46.22 0.85 -0.79	48.36 1.18 0.00	57.95 1.53 0.00	49.11 1.39 0.00	47.49 0.96 0.00	68.28 1.19 0.00	162.77 3.51 0.00	
LI_NEWBRDGE__DRP 323616	45.14 1.12 0.00	45.57 0.98 0.00	47.91 0.72 0.00	56.79 0.38 0.00	48.38 0.66 0.00	47.71 1.18 0.00	69.02 1.20 -0.73	160.95 1.69 0.00	
LOCKPORT_115KV_TB60_63_64 80432	40.43 -3.59 0.00	40.81 -3.77 0.00	43.22 -3.97 0.00	52.87 -3.54 0.00	43.83 -3.89 0.00	42.09 -4.44 0.00	61.36 -5.73 0.00	147.62 -11.64 0.00	
LOCKPORT__CC1 323769	40.37 -3.65 0.00	35.41 -3.80 5.37	33.07 -4.03 10.09	19.15 -3.76 33.50	37.62 -3.97 6.14	36.36 -4.43 5.74	38.98 -5.89 22.22	75.22 -11.33 72.69	
LOCKPORT__CC2 323770	40.37 -3.65 0.00	35.41 -3.80 5.37	33.07 -4.03 10.09	19.15 -3.76 33.50	37.62 -3.97 6.14	36.36 -4.43 5.74	38.98 -5.89 22.22	75.22 -11.33 72.69	
LOCKPORT__CC3 323771	40.37 -3.65 0.00	35.41 -3.80 5.37	33.07 -4.03 10.09	19.15 -3.76 33.50	37.62 -3.97 6.14	36.36 -4.43 5.74	38.98 -5.89 22.22	75.22 -11.33 72.69	
LOCUSVLY_69_KV_BK2 55797	45.61 1.59 0.00	46.03 1.45 0.00	48.41 1.22 0.00	57.45 1.03 0.00	48.90 1.17 0.00	48.23 1.70 0.00	69.89 2.06 -0.74	163.34 4.08 0.00	
LONG_LAKE_PHOENIX 24014	56.87 -1.26 -14.11	43.22 -1.40 -0.04	45.67 -1.52 0.00	54.65 -1.76 0.00	46.27 -1.46 0.00	45.13 -1.40 0.00	65.29 -1.80 0.00	155.43 -3.82 0.00	
LOVETT__3 23632	44.97 0.95 0.00	45.43 0.85 0.00	47.85 0.67 0.00	56.91 0.49 0.00	48.30 0.58 0.00	47.67 1.14 0.00	68.57 1.48 0.00	162.41 3.16 0.00	
LOVETT__4 23642	44.97 0.95 0.00	45.43 0.85 0.00	47.85 0.67 0.00	56.91 0.49 0.00	48.30 0.58 0.00	47.67 1.14 0.00	68.57 1.48 0.00	162.41 3.16 0.00	
LOVETT__5 23593	44.97 0.95 0.00	45.43 0.85 0.00	47.85 0.67 0.00	56.91 0.49 0.00	48.30 0.58 0.00	47.67 1.14 0.00	68.57 1.48 0.00	162.41 3.16 0.00	
LOWER_RAQUET__HYD 24057	316.63 0.02 -272.59	45.52 0.18 -0.76	47.63 0.44 0.00	57.04 0.63 0.00	48.33 0.61 0.00	46.74 0.21 0.00	67.12 0.03 0.00	159.90 0.65 0.00	
LOWER__HUDSON 24059	44.57 0.55 0.00	45.29 0.71 0.00	47.78 0.59 0.00	57.01 0.59 0.00	48.10 0.37 0.00	46.96 0.43 0.00	67.67 0.58 0.00	159.89 0.63 0.00	
LOWVILLE_115KV_TB2 356335	126.44 0.06 -82.35	44.51 -0.30 -0.23	47.13 -0.06 0.00	56.35 -0.06 0.00	48.09 0.36 0.00	47.16 0.63 0.00	68.54 1.44 0.00	164.34 5.09 0.00	
LUTHERFT_115KV_GLOB_FND_222 355753	45.12 1.10	45.75 1.17	48.30 1.12	57.68 1.26	48.73 1.00	47.61 1.09	68.80 1.71	162.77 3.51	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LUTHERNY_35_KV_BK2 355980	45.15 1.14 0.00	45.78 1.21 0.00	48.33 1.15 0.00	57.71 1.30 0.00	48.77 1.05 0.00	47.66 1.13 0.00	68.86 1.77 0.00	162.91 3.67 0.00	
LWR__OSWEGATCHIE_HYD 23850	231.64 -0.37 -187.99	44.62 -0.49 -0.52	46.94 -0.25 0.00	56.17 -0.25 0.00	47.80 0.07 0.00	46.53 0.00 0.00	67.23 0.14 0.00	160.84 1.60 0.00	
LYONS_FALL_HYD 23570	99.28 0.39 -54.88	44.87 0.14 -0.15	47.48 0.29 0.00	56.78 0.36 0.00	48.29 0.57 0.00	47.31 0.78 0.00	68.64 1.55 0.00	164.02 4.76 0.00	
MADISON__COUNTY_LFGE 323628	61.45 0.95 -16.48	45.49 0.86 -0.05	48.11 0.92 0.00	57.59 1.17 0.00	48.79 1.07 0.00	47.71 1.18 0.00	69.15 2.06 0.00	164.52 5.26 0.00	
MALONE__115KV_TB1 356076	142.94 0.59 -98.33	45.76 0.91 -0.27	48.38 1.19 0.00	57.87 1.45 0.00	49.01 1.28 0.00	47.73 1.20 0.00	68.99 1.90 0.00	164.20 4.94 0.00	
MAPLEWOD_115KV_TB3 80458	44.85 0.84 0.00	45.55 0.97 0.00	48.08 0.89 0.00	57.35 0.93 0.00	48.46 0.73 0.00	47.31 0.78 0.00	68.12 1.03 0.00	161.01 1.75 0.00	
MAPLE_RIDGE_WT_1 323574	38.28 -0.11 5.63	44.49 -0.07 0.02	47.18 -0.01 0.00	56.41 0.00 0.00	47.72 -0.01 0.00	46.49 -0.04 0.00	67.09 0.00 0.00	159.26 0.01 0.00	
MAPLE_RIDGE_WT_2 323611	38.28 -0.11 5.63	44.49 -0.07 0.02	47.18 -0.01 0.00	56.41 0.00 0.00	47.72 -0.01 0.00	46.49 -0.04 0.00	67.09 0.00 0.00	159.26 0.01 0.00	
MARBLE_RIVER_WT_PWR 323696	37.85 -0.16 6.01	44.74 0.18 0.02	47.62 0.43 0.00	56.88 0.46 0.00	48.20 0.47 0.00	47.04 0.51 0.00	68.07 0.98 0.00	161.66 2.41 0.00	
MARSHVLE_115KV_TB1 80742	45.60 1.58 0.00	46.01 1.44 0.00	48.73 1.54 0.00	58.53 2.12 0.00	49.67 1.94 0.00	48.40 1.87 0.00	70.32 3.23 0.00	167.81 8.57 0.00	
MARSH_HILL_WT_PWR 323713	42.22 -1.80 0.00	42.81 -1.77 0.00	45.04 -2.15 0.00	54.12 -2.29 0.00	45.77 -1.96 0.00	45.40 -1.13 0.00	65.77 -1.32 0.00	156.09 -3.17 0.00	
MCINTYRE_115KV_TB2 80467	349.91 1.18 -304.72	46.79 1.37 -0.85	48.89 1.70 0.00	58.60 2.19 0.00	49.62 1.90 0.00	48.10 1.57 0.00	69.28 2.19 0.00	165.00 5.75 0.00	
MECO__69_KV_BK1 80468	46.19 2.17 0.00	46.68 2.10 0.00	49.38 2.19 0.00	59.19 2.78 0.00	50.15 2.43 0.00	48.96 2.43 0.00	71.10 4.01 0.00	169.42 10.16 0.00	
MENANDS__115KV_TB5 355628	44.75 0.73 0.00	45.44 0.87 0.00	47.98 0.79 0.00	57.20 0.79 0.00	48.33 0.61 0.00	47.19 0.66 0.00	67.90 0.81 0.00	160.52 1.28 0.00	
MG INDUSTRY__DRP 24185	44.87 0.85	45.52 0.94	48.13 0.94	57.43 1.02	48.57 0.85	47.36 0.83	68.15 1.06	161.17 1.92	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MID__OSWEGATCHIE_HYD 23849	231.64 -0.37 -187.99	44.62 -0.49 -0.52	46.94 -0.25 0.00	56.17 -0.25 0.00	47.80 0.07 0.00	46.53 0.00 0.00	67.23 0.14 0.00	160.84 1.60 0.00	
MID__RAQUETTE_HYD 23851	316.63 0.02 -272.59	45.52 0.18 -0.76	47.63 0.45 0.00	57.04 0.62 0.00	48.33 0.61 0.00	46.74 0.21 0.00	67.11 0.02 0.00	159.89 0.65 0.00	
MILLIKEN__1 23584	44.49 0.47 0.00	44.95 0.37 0.00	47.61 0.42 0.00	57.07 0.66 0.00	48.27 0.54 0.00	47.12 0.59 0.00	68.34 1.25 0.00	162.76 3.50 0.00	
MILLIKEN__2 23585	44.49 0.47 0.00	44.95 0.37 0.00	47.61 0.42 0.00	57.07 0.66 0.00	48.27 0.54 0.00	47.12 0.59 0.00	68.34 1.25 0.00	162.76 3.50 0.00	
MILLIKEN__DIESEL 23629	44.49 0.47 0.00	44.95 0.37 0.00	47.61 0.42 0.00	57.07 0.66 0.00	48.27 0.54 0.00	47.12 0.59 0.00	68.34 1.25 0.00	162.76 3.50 0.00	
MILLSEAT__LFGE 323607	41.66 -2.36 0.00	37.23 -2.56 4.79	35.46 -2.72 9.00	24.21 -2.32 29.89	39.62 -2.63 5.47	38.46 -2.96 5.11	43.67 -3.63 19.79	88.44 -6.07 64.73	
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.09 1.08 0.00	45.56 0.98 0.00	47.99 0.80 0.00	57.08 0.66 0.00	48.44 0.72 0.00	47.80 1.27 0.00	68.77 1.68 0.00	162.89 3.64 0.00	
MILLWOOD_13_KV_LOAD 356217	45.19 1.17 0.00	45.66 1.08 0.00	48.09 0.90 0.00	57.20 0.79 0.00	48.54 0.82 0.00	47.91 1.38 0.00	68.94 1.85 0.00	163.37 4.12 0.00	
MODEL_CITY_ENERGY 24167	39.94 -4.08 0.00	34.63 -4.28 5.67	32.02 -4.52 10.64	16.68 -4.40 35.34	36.79 -4.46 6.47	35.51 -4.97 6.06	36.94 -6.71 23.44	69.17 -13.39 76.70	
MODERN_LFGE__ 323580	39.94 -4.08 0.00	34.63 -4.28 5.67	32.02 -4.52 10.64	16.68 -4.40 35.34	36.79 -4.46 6.47	35.51 -4.97 6.06	36.94 -6.71 23.44	69.17 -13.39 76.70	
MOHAWK_PAPER__DRP 24187	44.85 0.84 0.00	45.55 0.97 0.00	48.08 0.89 0.00	57.35 0.93 0.00	48.46 0.73 0.00	47.31 0.78 0.00	68.12 1.03 0.00	161.01 1.75 0.00	
MOHICAN__35_KV_115KV_LD 80490	45.07 1.05 0.00	45.68 1.10 0.00	48.16 0.98 0.00	57.54 1.13 0.00	48.60 0.88 0.00	47.63 1.10 0.00	69.13 2.04 0.00	163.56 4.30 0.00	
MONGAUP__HYD 23641	45.23 1.22 0.00	45.70 1.12 0.00	48.20 1.01 0.00	57.44 1.03 0.00	48.70 0.98 0.00	47.86 1.33 0.00	68.80 1.71 0.00	163.06 3.80 0.00	
MONTAUK__DIESEL 23721	44.97 0.95 0.00	44.76 0.18 0.00	47.03 -0.16 0.00	55.64 -0.78 0.00	47.52 -0.20 0.00	46.85 0.32 0.00	68.44 0.62 -0.73	158.72 -0.52 0.00	
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.86 -1.16	43.22 -1.36	45.53 -1.66	55.40 -1.01	46.16 -1.56	44.65 -1.88	64.95 -2.14	155.71 -3.54	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MORRIS_RIDGE___SOLAR 323848	41.77 -2.25 0.00	41.32 -2.33 0.93	42.79 -2.64 1.76	47.97 -2.61 5.83	44.13 -2.52 1.07	43.26 -2.23 1.04	60.19 -2.88 4.02	140.21 -5.90 13.14	
MORTIMER_115KV_TB3 55949	42.69 -1.33 0.00	43.08 -1.50 0.00	45.57 -1.61 0.00	55.06 -1.36 0.00	46.18 -1.55 0.00	44.87 -1.66 0.00	65.21 -1.88 0.00	156.20 -3.05 0.00	
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.37 1.35 0.00	45.82 1.24 0.00	48.25 1.06 0.00	57.40 0.98 0.00	48.71 0.98 0.00	48.11 1.58 0.00	69.96 2.10 -0.77	164.00 4.75 0.00	
MUNSVILLE_WIND_PWR 323609	44.74 0.72 0.00	47.57 1.39 -1.60	52.35 2.16 -3.00	69.45 3.07 -9.97	52.40 2.85 -1.83	51.46 3.26 -1.68	79.62 6.03 -6.50	196.29 15.77 -21.27	
N SALMON___HYD 24042	142.94 0.59 -98.33	45.76 0.91 -0.27	48.37 1.19 0.00	57.86 1.45 0.00	49.00 1.28 0.00	47.73 1.20 0.00	68.99 1.90 0.00	164.20 4.95 0.00	
N.AKRON___115KV_KNAPP 355671	41.31 -2.71 0.00	41.68 -2.90 0.00	44.13 -3.06 0.00	53.89 -2.53 0.00	44.76 -2.97 0.00	43.10 -3.42 0.00	62.92 -4.17 0.00	151.43 -7.82 0.00	
N.E._GEN_SANDY PD 24062	44.40 0.38 0.00	45.12 0.54 0.00	47.54 0.35 0.00	56.73 0.26 -0.06	42.53 0.06 5.26	46.80 0.27 0.00	67.35 0.26 0.00	141.50 -0.33 17.43	
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.05 1.04 0.00	45.51 0.93 0.00	47.94 0.75 0.00	57.02 0.60 0.00	48.40 0.67 0.00	47.76 1.23 0.00	68.71 1.62 0.00	162.88 3.63 0.00	
N.QUEENS_27_KV_LOAD 356247	45.26 1.24 0.00	45.70 1.12 0.00	48.08 0.90 0.00	57.15 0.74 0.00	48.56 0.84 0.00	48.05 1.52 0.00	70.23 2.01 -1.13	164.30 5.05 0.00	
N.TROY___115KV_TB1 355778	44.57 0.56 0.00	45.29 0.71 0.00	47.77 0.59 0.00	56.99 0.58 0.00	48.08 0.36 0.00	46.96 0.43 0.00	67.66 0.56 0.00	159.88 0.63 0.00	
NARROWS_GT1_1 24228	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
NARROWS_GT1_2 24229	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
NARROWS_GT1_3 24230	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
NARROWS_GT1_4 24231	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
NARROWS_GT1_5 24232	45.55 1.53	46.02 1.44	48.35 1.16	57.43 1.01	48.78 1.06	48.20 1.67	60.59 2.15	163.99 4.74	

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.65	0.00
NARROWS_GT1_6 24233	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
NARROWS_GT1_7 24234	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
NARROWS_GT1_8 24235	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.99 4.74 0.00	
NARROWS_GT2_1 24236	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NARROWS_GT2_2 24237	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NARROWS_GT2_3 24238	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NARROWS_GT2_4 24239	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NARROWS_GT2_5 24240	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NARROWS_GT2_6 24241	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NARROWS_GT2_7 24242	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NARROWS_GT2_8 24243	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	111.50 2.15 -42.25	163.99 4.74 0.00	
NCATSKLL_69_KV_NC- LINE_REV_LBMP_G 345022	45.85 1.83 0.00	46.50 1.92 0.00	49.15 1.96 0.00	58.69 2.27 0.00	49.64 1.92 0.00	48.45 1.92 0.00	69.95 2.86 0.00	165.93 6.67 0.00	
NCHELSEA_115KV_TR2 355582	45.36 1.34 0.00	45.84 1.26 0.00	48.30 1.11 0.00	57.51 1.09 0.00	48.78 1.05 0.00	48.07 1.54 0.00	69.28 2.19 0.00	164.32 5.07 0.00	
NEG CAPITAL__MECHNVIL 23645	45.20 1.18 0.00	45.84 1.26 0.00	48.39 1.20 0.00	57.77 1.35 0.00	48.80 1.07 0.00	47.69 1.16 0.00	68.90 1.81 0.00	162.92 3.67 0.00	
NEG CENTRAL_HIGH_ACRES	42.25	40.76	41.59	42.57	43.53	42.54	56.91	129.50	

23767	-1.77 0.00	-1.94 1.88	-2.06 3.54	-2.10 11.75	-2.04 2.15	-2.01 1.98	-2.51 7.67	-4.65 25.10
NEG CENTRAL___DRP 24199	43.75 -0.27 0.00	44.17 -0.41 0.00	46.68 -0.51 0.00	55.91 -0.50 0.00	47.28 -0.45 0.00	46.23 -0.30 0.00	66.90 -0.19 0.00	159.27 0.02 0.00
NEG CENTRAL___INDECK 23768	43.95 -0.07 0.00	43.40 -0.22 0.95	45.05 -0.36 1.79	50.55 0.06 5.93	46.43 -0.21 1.09	45.58 0.07 1.02	63.99 0.86 3.97	149.62 3.35 12.98
NEG CENTRAL___SENECA 23627	43.63 -0.39 0.00	44.05 -0.53 0.00	46.52 -0.67 0.00	55.71 -0.70 0.00	47.10 -0.63 0.00	46.14 -0.39 0.00	66.74 -0.36 0.00	159.10 -0.15 0.00
NEG CENTRAL___STATE_STREET 24147	49.30 0.18 -5.10	44.55 -0.05 -0.01	47.18 -0.01 0.00	56.56 0.15 0.00	47.83 0.11 0.00	46.68 0.15 0.00	67.62 0.53 0.00	160.85 1.60 0.00
NEG MILLWOOD___DRP 24198	45.51 1.49 0.00	45.99 1.42 0.00	48.45 1.26 0.00	57.68 1.27 0.00	48.92 1.19 0.00	48.26 1.73 0.00	69.59 2.50 0.00	164.96 5.71 0.00
NEG NORTH_FLCN_SEA 23793	44.35 0.34 0.00	45.24 0.66 0.00	48.12 0.93 0.00	57.48 1.07 0.00	48.70 0.97 0.00	47.64 1.12 0.00	69.01 1.92 0.00	163.90 4.64 0.00
NEG NORTH_KES_CHATEGAY 23792	83.01 -0.02 -39.01	45.05 0.36 -0.11	47.84 0.65 0.00	57.13 0.72 0.00	48.41 0.69 0.00	47.25 0.73 0.00	68.36 1.26 0.00	162.30 3.05 0.00
NEG NORTH___ALICE_FALLS 23915	50.43 0.52 -5.89	45.42 0.83 -0.02	48.29 1.10 0.00	57.68 1.27 0.00	48.85 1.13 0.00	47.79 1.26 0.00	69.24 2.15 0.00	164.53 5.27 0.00
NEG NORTH___LWR_SARANAC 23913	50.43 0.52 -5.89	45.42 0.83 -0.02	48.29 1.10 0.00	57.68 1.27 0.00	48.85 1.13 0.00	47.79 1.26 0.00	69.24 2.15 0.00	164.53 5.27 0.00
NEG NORTH___PLATTSBURG 23628	50.43 0.52 -5.89	45.42 0.83 -0.02	48.28 1.10 0.00	57.68 1.27 0.00	48.84 1.12 0.00	47.79 1.26 0.00	69.24 2.15 0.00	164.52 5.26 0.00
NEG WEST_LEA_LOCKPORT 23791	40.38 -3.64 0.00	40.80 -3.78 0.00	43.21 -3.98 0.00	52.87 -3.55 0.00	43.81 -3.91 0.00	42.07 -4.45 0.00	61.33 -5.77 0.00	147.61 -11.65 0.00
NEG WEST___LANCASTR 23811	42.36 -1.66 0.00	42.75 -1.84 0.00	45.25 -1.93 0.00	55.15 -1.27 0.00	45.79 -1.93 0.00	44.34 -2.19 0.00	64.75 -2.34 0.00	155.52 -3.73 0.00
NEG_PENN_ALLEGHNY 23528	43.85 -0.17 0.00	46.98 -0.23 -2.63	51.85 -0.28 -4.93	72.56 -0.24 -16.38	50.52 -0.21 -3.00	49.04 -0.25 -2.76	77.65 -0.14 -10.69	194.09 -0.14 -34.98
NEG___GEN_MONROE 24207	42.79 -1.23 0.00	43.18 -1.40 0.00	45.68 -1.51 0.00	55.28 -1.14 0.00	46.29 -1.43 0.00	44.93 -1.60 0.00	65.41 -1.68 0.00	156.84 -2.42 0.00
NEPA___ENERGY	42.00	42.34	44.72	54.14	45.24	43.82	63.68	151.79

23901	-2.02 0.00	-2.24 0.00	-2.47 0.00	-2.27 0.00	-2.49 0.00	-2.71 0.00	-3.41 0.00	-7.46 0.00
NEVERSINK___HYD 23608	45.66 1.64 0.00	46.18 1.60 0.00	48.77 1.58 0.00	58.19 1.78 0.00	49.36 1.63 0.00	48.59 2.06 0.00	70.12 3.03 0.00	166.10 6.84 0.00
NEWKRMKL_115KV_TB1 55635	44.93 0.91 0.00	45.62 1.04 0.00	48.16 0.97 0.00	57.45 1.04 0.00	48.56 0.84 0.00	47.41 0.88 0.00	68.26 1.17 0.00	161.47 2.22 0.00
NEWTON___FALLS_HYD 23847	231.64 -0.37 -187.99	44.62 -0.49 -0.52	46.94 -0.25 0.00	56.17 -0.25 0.00	47.80 0.07 0.00	46.53 0.00 0.00	67.23 0.14 0.00	160.84 1.60 0.00
NGRID_A1_DSASP 323792	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00
NGRID_A2_DSASP 323793	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00
NGRID_A4_DSASP 323807	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00
NIAGARA_115E_LBMP 323715	39.67 -4.35 0.00	34.17 -4.58 5.84	31.41 -4.82 10.96	15.27 -4.75 36.39	36.29 -4.77 6.66	34.99 -5.29 6.24	35.76 -7.19 24.14	65.60 -14.65 79.00
NIAGARA_115W_LBMP 323714	39.57 -4.44 0.00	33.89 -4.67 6.02	30.91 -4.96 11.31	14.30 -4.55 37.57	35.93 -4.91 6.88	34.70 -5.38 6.45	34.78 -7.36 24.95	62.58 -15.03 81.64
NIAGARA_230_LBMP 323716	40.04 -3.98 0.00	34.34 -4.21 6.03	31.41 -4.45 11.32	14.65 -4.18 37.58	36.42 -4.42 6.88	35.22 -4.86 6.45	35.54 -6.58 24.97	64.45 -13.11 81.68
NIAGARA__115KV_198_GIBSON 55903	39.60 -4.42 0.00	39.94 -4.64 0.00	42.27 -4.91 0.00	52.13 -4.28 0.00	42.88 -4.85 0.00	41.11 -5.42 0.00	59.84 -7.25 0.00	144.08 -15.18 0.00
NIAGARA____ 23760	40.04 -3.98 0.00	34.43 -4.21 5.94	31.59 -4.45 11.14	15.55 -4.18 36.68	36.53 -4.42 6.77	35.30 -4.86 6.37	35.83 -6.58 24.68	65.32 -13.11 80.81
NINE_MILE_1 23575	42.85 -1.17 0.00	43.30 -1.28 0.00	45.82 -1.37 0.00	54.85 -1.57 0.00	46.38 -1.35 0.00	45.21 -1.32 0.00	65.30 -1.79 0.00	155.28 -3.98 0.00
NINE_MILE_2 23744	42.86 -1.16 0.00	43.31 -1.27 0.00	45.82 -1.37 0.00	54.86 -1.55 0.00	46.38 -1.34 0.00	45.21 -1.32 0.00	65.31 -1.78 0.00	155.28 -3.98 0.00
NM_CAPITAL___DRP 24208	44.75 0.73 0.00	45.45 0.87 0.00	47.98 0.79 0.00	57.21 0.80 0.00	48.34 0.62 0.00	47.21 0.68 0.00	67.92 0.83 0.00	160.52 1.28 0.00
NM_CENTRAL___DRP	50.58	44.12	46.64	55.84	47.22	46.06	66.64	158.45

24181	-0.37 -6.94	-0.48 -0.02	-0.55 0.00	-0.57 0.00	-0.50 0.00	-0.47 0.00	-0.46 0.00	-0.79 0.00
NM_FRONTIER___DRP 24179	39.60 -4.42 0.00	39.94 -4.64 0.00	42.27 -4.91 0.00	52.13 -4.28 0.00	42.88 -4.85 0.00	41.11 -5.42 0.00	59.84 -7.25 0.00	144.08 -15.18 0.00
NM_ST_REGIS___HYD 24053	280.93 0.19 -236.72	45.64 0.40 -0.66	47.86 0.67 0.00	57.30 0.89 0.00	48.54 0.82 0.00	47.03 0.50 0.00	67.67 0.58 0.00	161.17 1.92 0.00
NORTHPORT___1 23551	45.29 1.27 0.00	45.75 1.17 0.00	48.09 0.90 0.00	56.91 0.50 0.00	48.47 0.75 0.00	47.82 1.29 0.00	68.99 1.17 -0.73	160.16 0.90 0.00
NORTHPORT___2 23552	45.29 1.27 0.00	45.75 1.17 0.00	48.09 0.90 0.00	56.91 0.50 0.00	48.47 0.75 0.00	47.82 1.29 0.00	68.99 1.17 -0.73	160.16 0.90 0.00
NORTHPORT___3 23553	45.31 1.29 0.00	45.76 1.18 0.00	48.10 0.91 0.00	56.96 0.55 0.00	48.51 0.78 0.00	47.84 1.31 0.00	69.09 1.26 -0.73	160.46 1.21 0.00
NORTHPORT___4 23650	45.31 1.29 0.00	45.76 1.18 0.00	48.10 0.91 0.00	56.96 0.55 0.00	48.51 0.78 0.00	47.84 1.31 0.00	69.09 1.26 -0.73	160.46 1.21 0.00
NORTHPORT___IC 23718	45.29 1.27 0.00	45.75 1.17 0.00	48.06 0.87 0.00	56.81 0.40 0.00	48.46 0.74 0.00	47.82 1.29 0.00	68.97 1.14 -0.73	160.15 0.91 0.00
NORTH___COUNTRY_ESR 323785	83.78 -0.13 -39.89	44.96 0.26 -0.11	47.73 0.54 0.00	57.01 0.60 0.00	48.29 0.57 0.00	47.13 0.60 0.00	68.17 1.08 0.00	161.82 2.57 0.00
NPX_GEN_1385_PROXY 323591	45.29 1.27 0.00	45.75 1.17 0.00	48.09 0.90 0.00	56.91 0.50 0.00	48.47 0.75 0.00	47.82 1.29 0.00	68.99 1.17 -0.73	160.16 0.90 0.00
NPX_GEN_CSC 323557	45.10 1.08 0.00	45.58 1.01 0.00	47.91 0.72 0.00	56.74 0.33 0.00	48.31 0.59 0.00	47.31 0.78 0.00	68.51 0.69 -0.73	158.24 -1.01 0.00
NSINS_S_GLNS_FALLS 23858	45.01 0.99 0.00	45.62 1.04 0.00	48.10 0.91 0.00	57.48 1.07 0.00	48.54 0.82 0.00	47.57 1.04 0.00	69.04 1.95 0.00	163.25 4.00 0.00
NUCOR_STEEL___DRP 24197	49.43 0.18 -5.23	44.52 -0.08 -0.02	47.17 -0.02 0.00	56.56 0.14 0.00	47.82 0.10 0.00	46.66 0.13 0.00	67.60 0.51 0.00	160.85 1.60 0.00
NUMBER_THREE_WT_PWR 323818	129.20 -0.02 -85.20	44.41 -0.41 -0.24	47.04 -0.15 0.00	56.24 -0.17 0.00	48.01 0.29 0.00	47.09 0.56 0.00	68.43 1.34 0.00	164.17 4.93 0.00
NYISO_LBMP_REFERENCE 24008	44.02 0.00 0.00	44.58 0.00 0.00	47.19 0.00 0.00	56.41 0.00 0.00	47.72 0.00 0.00	46.53 0.00 0.00	67.09 0.00 0.00	159.26 0.00 0.00
NYPA_BRENTWD___GT	45.78	46.22	48.58	57.55	49.00	48.33	69.72	160.94

24164	1.76 0.00	1.64 0.00	1.39 0.00	1.13 0.00	1.27 0.00	1.80 0.00	1.90 -0.73	1.68 0.00
NYPA_GOWANUS____GT5 24156	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.85 4.60 0.00
NYPA_GOWANUS____GT6 24157	45.55 1.53 0.00	46.02 1.44 0.00	48.35 1.16 0.00	57.43 1.01 0.00	48.78 1.06 0.00	48.20 1.67 0.00	60.59 2.15 8.65	163.85 4.60 0.00
NYPA_HARLEM__RVR__GT1 24160	45.25 1.23 0.00	45.69 1.11 0.00	48.10 0.91 0.00	57.23 0.82 0.00	48.57 0.84 0.00	48.00 1.48 0.00	70.76 1.95 -1.72	163.98 4.73 0.00
NYPA_HARLEM__RVR__GT2 24161	45.25 1.23 0.00	45.69 1.11 0.00	48.10 0.91 0.00	57.23 0.82 0.00	48.57 0.84 0.00	48.00 1.48 0.00	70.76 1.95 -1.72	163.98 4.73 0.00
NYPA_KENT____GT 24152	45.55 1.52 0.00	46.00 1.42 0.00	48.37 1.18 0.00	57.49 1.07 0.00	48.81 1.09 0.00	48.24 1.71 0.00	97.80 2.20 -28.50	164.00 4.74 0.00
NYPA_POUCH1____GT 24155	16.33 1.47 29.17	24.32 1.42 21.68	48.28 1.09 0.00	57.25 0.83 0.00	48.66 0.93 0.00	48.08 1.55 0.00	52.16 1.90 16.83	163.36 4.11 0.00
NYPA_VERNON____GT2 24162	45.54 1.51 0.00	45.98 1.40 0.00	48.39 1.20 0.00	57.56 1.14 0.00	48.84 1.12 0.00	48.27 1.74 0.00	84.09 2.25 -14.75	164.32 5.07 0.00
NYPA_VERNON____GT3 24163	45.54 1.51 0.00	45.98 1.40 0.00	48.39 1.20 0.00	57.56 1.14 0.00	48.84 1.12 0.00	48.27 1.74 0.00	84.09 2.25 -14.75	164.32 5.07 0.00
NYPA__ASTORIA_CC1 323568	45.50 1.49 0.00	45.94 1.36 0.00	48.35 1.16 0.00	57.51 1.10 0.00	48.82 1.09 0.00	48.23 1.70 0.00	77.32 2.20 -8.02	164.31 5.06 0.00
NYPA__ASTORIA_CC2 323569	45.50 1.49 0.00	45.94 1.36 0.00	48.35 1.16 0.00	57.51 1.10 0.00	48.82 1.09 0.00	48.23 1.70 0.00	77.32 2.20 -8.02	164.31 5.06 0.00
NYPA__HOLTSVILL 23794	45.47 1.45 0.00	45.90 1.32 0.00	48.24 1.05 0.00	57.16 0.74 0.00	48.67 0.95 0.00	47.92 1.39 0.00	69.32 1.49 -0.73	160.78 1.54 0.00
NYPA__HELLGATE_GT1 24158	45.22 1.20 0.00	45.66 1.08 0.00	48.06 0.87 0.00	57.17 0.77 0.01	48.55 0.83 0.00	48.00 1.48 0.00	70.72 1.91 -1.72	163.83 4.58 0.00
NYPA__HELLGATE_GT2 24159	45.22 1.20 0.00	45.66 1.08 0.00	48.06 0.87 0.00	57.17 0.77 0.01	48.55 0.83 0.00	48.00 1.48 0.00	70.72 1.91 -1.72	163.83 4.58 0.00
NYS_BARGE__HYD 23848	40.41 -3.61 0.00	35.47 -3.79 5.32	33.18 -4.01 9.99	19.47 -3.76 33.18	37.70 -3.95 6.08	36.43 -4.42 5.68	39.24 -5.86 22.00	75.95 -11.33 71.98
OAK ORCHARD__HYD	42.68	40.46	40.66	38.71	43.16	42.14	54.52	121.39

24046	-1.34 0.00	-1.51 2.61	-1.63 4.90	-1.45 16.25	-1.58 2.98	-1.65 2.75	-1.93 10.64	-3.05 34.81
OAKDALE__35_KV_LOAD 356122	43.73 -0.29 0.00	44.23 -0.35 0.00	46.80 -0.39 0.00	56.06 -0.35 0.00	47.39 -0.33 0.00	46.13 -0.40 0.00	66.73 -0.36 0.00	158.47 -0.78 0.00
OCC_CHEM__DRP 24175	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00
OH_GEN_PROXY 24063	75.46 -3.88 -35.32	34.06 -4.11 6.41	30.78 -4.36 12.05	12.27 -4.14 40.00	36.05 -4.34 7.33	34.85 -4.74 6.94	33.83 -6.42 26.85	58.77 -12.65 87.83
OLIN_CORP_DRP 24177	39.76 -4.25 0.00	40.10 -4.48 0.00	42.49 -4.70 0.00	51.99 -4.43 0.00	43.12 -4.61 0.00	41.30 -5.23 0.00	60.16 -6.93 0.00	144.76 -14.49 0.00
OLIN_CORP_DSASP 323712	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00
ONEIDA_HERK_LFGE 323681	84.23 0.62 -39.59	45.12 0.43 -0.11	47.74 0.55 0.00	57.10 0.68 0.00	48.47 0.75 0.00	47.45 0.92 0.00	68.80 1.70 0.00	164.18 4.93 0.00
ONEIDA__115KV_TB4 55905	61.45 0.95 -16.48	45.49 0.86 -0.05	48.11 0.92 0.00	57.59 1.17 0.00	48.79 1.07 0.00	47.71 1.18 0.00	69.15 2.06 0.00	164.52 5.26 0.00
ONONDAGA_REF_OCCRA 23987	50.12 -0.11 -6.22	44.41 -0.18 -0.02	46.94 -0.25 0.00	56.19 -0.23 0.00	47.54 -0.18 0.00	46.37 -0.16 0.00	67.07 -0.02 0.00	159.58 0.32 0.00
ONONDAGA__COGEN 23986	50.26 -0.10 -6.34	44.39 -0.20 -0.02	46.93 -0.26 0.00	56.18 -0.23 0.00	47.55 -0.18 0.00	46.39 -0.14 0.00	67.09 0.00 0.00	159.58 0.32 0.00
ONTARIO__LFGE 23819	43.63 -0.39 0.00	44.05 -0.53 0.00	46.52 -0.67 0.00	55.67 -0.75 0.00	47.08 -0.65 0.00	46.14 -0.39 0.00	66.71 -0.38 0.00	159.10 -0.15 0.00
ORANGEVILLE_WT_PWR 323706	41.37 -2.65 0.00	38.83 -2.74 3.01	38.50 -3.03 5.66	34.74 -2.88 18.79	41.34 -2.94 3.44	40.41 -2.87 3.25	50.77 -3.75 12.56	110.66 -7.50 41.09
ORANGEVILLE__ESR 323794	41.37 -2.65 0.00	38.83 -2.74 3.01	38.50 -3.03 5.66	34.74 -2.88 18.79	41.34 -2.94 3.44	40.41 -2.87 3.25	50.77 -3.75 12.56	110.66 -7.50 41.09
OSWEGATCHIE__HYD 24044	231.64 -0.37 -187.99	44.62 -0.49 -0.52	46.94 -0.25 0.00	56.17 -0.25 0.00	47.80 0.07 0.00	46.53 0.00 0.00	67.23 0.14 0.00	160.84 1.60 0.00
OSWEGO__5 23606	43.09 -0.93 0.00	43.55 -1.03 0.00	46.09 -1.10 0.00	55.16 -1.25 0.00	46.65 -1.08 0.00	45.48 -1.05 0.00	65.71 -1.39 0.00	156.22 -3.03 0.00
OSWEGO__6	43.09	43.55	46.09	55.16	46.65	45.48	65.71	156.22

23613	-0.93 0.00	-1.03 0.00	-1.10 0.00	-1.25 0.00	-1.08 0.00	-1.05 0.00	-1.39 0.00	-3.03 0.00
OUTOKUMPU-AB___DRP 24206	40.79 -3.23 0.00	41.17 -3.41 0.00	43.56 -3.63 0.00	53.41 -3.00 0.00	44.15 -3.57 0.00	42.46 -4.07 0.00	61.93 -5.16 0.00	149.03 -10.22 0.00
OXBOW___BTM 323836	40.15 -3.87 0.00	34.49 -4.09 6.00	31.55 -4.36 11.28	15.04 -3.92 37.45	36.57 -4.30 6.86	35.37 -4.74 6.42	35.87 -6.35 24.86	65.43 -12.48 81.34
OXBOW___ 24026	40.17 -3.85 0.00	40.52 -4.06 0.00	42.89 -4.30 0.00	52.73 -3.68 0.00	43.49 -4.24 0.00	41.76 -4.77 0.00	60.87 -6.22 0.00	146.47 -12.78 0.00
OXY_CHEM_DSASP 323612	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00
OZONE_PARK_ESR 323760	45.80 1.79 0.00	46.24 1.67 0.00	48.67 1.48 0.00	57.93 1.51 0.00	49.15 1.43 0.00	48.59 2.07 0.00	69.93 2.84 0.00	165.91 6.65 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.66 -4.36 0.00	40.01 -4.57 0.00	42.36 -4.83 0.00	52.20 -4.21 0.00	42.95 -4.77 0.00	41.18 -5.34 0.00	59.95 -7.14 0.00	144.39 -14.86 0.00
PACKARD___115KV_DUPONT_184 80571	39.65 -4.37 0.00	33.97 -4.59 6.02	30.99 -4.88 11.31	14.39 -4.46 37.57	36.01 -4.83 6.88	34.78 -5.30 6.45	34.90 -7.24 24.95	62.92 -14.71 81.63
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.34 1.32 0.00	45.78 1.20 0.00	48.19 1.00 0.00	57.32 0.91 0.00	48.70 0.97 0.00	48.15 1.62 0.00	70.95 2.10 -1.77	164.30 5.06 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.42 2.40 0.00	46.89 2.31 0.00	49.40 2.21 0.00	58.74 2.33 0.00	49.93 2.20 0.00	49.42 2.89 0.00	72.89 4.03 -1.77	168.94 9.68 0.00
PATROON___115KV_TB1 80586	44.99 0.97 0.00	45.66 1.09 0.00	48.22 1.03 0.00	57.52 1.11 0.00	48.61 0.89 0.00	47.46 0.93 0.00	68.35 1.26 0.00	161.64 2.39 0.00
PATTSNVILLE___SOLAR 323815	44.93 0.92 0.00	45.51 0.93 0.00	48.11 0.92 0.00	57.51 1.10 0.00	48.68 0.95 0.00	47.48 0.95 0.00	68.58 1.49 0.00	162.74 3.49 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.10 -1.92 0.00	42.47 -2.11 0.00	44.97 -2.22 0.00	54.85 -1.56 0.00	45.52 -2.21 0.00	44.02 -2.51 0.00	64.27 -2.82 0.00	154.43 -4.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.51 1.49 0.00	45.99 1.42 0.00	48.45 1.26 0.00	57.68 1.27 0.00	48.92 1.19 0.00	48.26 1.73 0.00	69.59 2.50 0.00	164.96 5.71 0.00
PEEKSKILL___ 23653	45.05 1.03 0.00	45.52 0.94 0.00	47.95 0.76 0.00	57.07 0.65 0.00	48.40 0.68 0.00	47.76 1.23 0.00	68.72 1.63 0.00	162.72 3.48 0.00
PGE MADISON___WINDPWR	44.75	45.97	49.36	59.52	50.59	49.78	73.14	175.02

24146	0.73 0.00	1.39 0.00	2.17 0.00	3.11 0.00	2.87 0.00	3.25 0.00	6.05 0.00	15.77 0.00
PIERCEFIELD___HYD 23852	316.63 0.02 -272.59	45.52 0.18 -0.76	47.63 0.45 0.00	57.04 0.62 0.00	48.33 0.61 0.00	46.74 0.21 0.00	67.11 0.02 0.00	159.89 0.65 0.00
PINELAWN_CC_1 323563	45.54 1.52 0.00	45.97 1.39 0.00	48.34 1.15 0.00	57.28 0.86 0.00	48.76 1.03 0.00	48.08 1.56 0.00	69.59 1.77 -0.74	161.89 2.64 0.00
PJM_GEN_HTP_PROXY 323702	45.32 1.30 0.00	45.77 1.19 0.00	48.22 1.04 0.00	57.42 1.01 0.00	48.71 0.98 0.00	48.11 1.58 0.00	69.21 2.12 0.00	164.00 4.74 0.00
PJM_GEN_KEystone 24065	41.08 -0.90 2.04	35.99 -1.02 7.57	34.40 -1.23 11.55	16.99 -1.38 38.04	39.42 -1.34 6.96	38.96 -1.12 6.45	39.16 -1.54 26.39	74.44 -3.21 81.60
PJM_GEN_NEPTUNE_PROXY 323594	45.12 1.10 0.00	45.53 0.96 0.00	47.89 0.71 0.00	56.83 0.42 0.00	48.36 0.64 0.00	47.67 1.14 0.00	69.01 1.19 -0.73	160.78 1.54 0.00
PJM_GEN_VFT_PROXY 323633	16.05 1.19 29.17	23.98 1.08 21.68	45.38 0.88 2.70	52.90 0.82 4.34	47.80 0.82 0.74	47.90 1.45 0.08	56.53 1.86 12.43	163.35 4.11 0.01
PLATSBURG_115KV_PMLD1 355749	44.32 0.30 0.00	45.20 0.62 0.00	48.10 0.91 0.00	57.44 1.03 0.00	48.65 0.93 0.00	47.61 1.08 0.00	68.94 1.86 0.00	163.73 4.48 0.00
PLEASANTVLY___LBMP 24000	44.80 0.78 0.00	45.28 0.70 0.00	47.70 0.51 0.00	56.78 0.36 0.00	48.15 0.43 0.00	47.44 0.91 0.00	68.31 1.22 0.00	161.78 2.53 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.05 1.03 0.00	45.53 0.95 0.00	47.96 0.77 0.00	57.07 0.66 0.00	48.42 0.70 0.00	47.77 1.24 0.00	68.77 1.68 0.00	162.90 3.65 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.05 1.03 0.00	45.53 0.95 0.00	47.96 0.77 0.00	57.07 0.66 0.00	48.42 0.70 0.00	47.77 1.24 0.00	68.77 1.68 0.00	162.90 3.65 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.20 1.18 0.00	45.69 1.11 0.00	48.15 0.96 0.00	57.33 0.92 0.00	48.61 0.88 0.00	47.86 1.33 0.00	69.00 1.91 0.00	163.54 4.28 0.00
POLETTI___ 23519	45.40 1.38 0.00	45.85 1.27 0.00	48.28 1.09 0.00	57.45 1.03 0.00	48.75 1.03 0.00	48.18 1.66 0.00	69.23 2.14 0.00	164.00 4.75 0.00
POMONA___ESR 323819	45.05 1.03 0.00	45.51 0.94 0.00	47.95 0.77 0.00	57.06 0.64 0.00	48.41 0.68 0.00	47.76 1.23 0.00	68.71 1.62 0.00	162.72 3.48 0.00
PORT_JEFF_3 23555	45.57 1.55 0.00	46.00 1.42 0.00	48.34 1.15 0.00	57.27 0.86 0.00	48.78 1.06 0.00	48.03 1.50 0.00	69.47 1.64 -0.73	161.25 1.99 0.00
PORT_JEFF_4	45.57	46.00	48.34	57.27	48.78	48.03	69.47	161.25

23616	1.55 0.00	1.42 0.00	1.15 0.00	0.86 0.00	1.06 0.00	1.50 0.00	1.64 -0.73	1.99 0.00
PORT_JEFF_IC 23713	45.58 1.57 0.00	46.01 1.43 0.00	48.35 1.16 0.00	57.20 0.78 0.00	48.79 1.06 0.00	48.05 1.52 0.00	69.48 1.66 -0.73	161.41 2.16 0.00
PPL PILGRIM_ST_GT1 24216	45.78 1.76 0.00	46.22 1.64 0.00	48.58 1.39 0.00	57.55 1.13 0.00	49.00 1.27 0.00	48.33 1.80 0.00	69.72 1.90 -0.73	160.94 1.68 0.00
PPL PILGRIM_ST_GT2 24217	45.78 1.76 0.00	46.22 1.64 0.00	48.58 1.39 0.00	57.55 1.13 0.00	49.00 1.27 0.00	48.33 1.80 0.00	69.72 1.90 -0.73	160.94 1.68 0.00
PPL_SHRM_GT3 24213	45.16 1.14 0.00	45.64 1.06 0.00	47.97 0.78 0.00	56.82 0.40 0.00	48.39 0.66 0.00	47.39 0.86 0.00	68.63 0.80 -0.73	158.71 -0.54 0.00
PPL_SHRM_GT4 24214	45.16 1.14 0.00	45.64 1.06 0.00	47.97 0.78 0.00	56.82 0.40 0.00	48.39 0.66 0.00	47.39 0.86 0.00	68.63 0.80 -0.73	158.71 -0.54 0.00
PROJECT___ORANGE 1 24174	50.39 -0.37 -6.74	44.13 -0.46 -0.02	46.65 -0.54 0.00	55.86 -0.56 0.00	47.23 -0.49 0.00	46.07 -0.46 0.00	66.64 -0.45 0.00	158.45 -0.79 0.00
PROJECT___ORANGE 2 24166	50.39 -0.37 -6.74	44.13 -0.46 -0.02	46.65 -0.54 0.00	55.86 -0.56 0.00	47.23 -0.49 0.00	46.07 -0.46 0.00	66.64 -0.45 0.00	158.45 -0.79 0.00
PUCKETT___SOLAR 323809	44.09 0.07 0.00	47.06 0.17 -2.31	51.75 0.22 -4.34	71.20 0.38 -14.41	50.72 0.36 -2.64	49.35 0.39 -2.43	77.54 1.05 -9.40	193.05 3.03 -30.77
PYRITES___HYD 24023	333.49 0.93 -288.54	46.50 1.12 -0.80	48.65 1.46 0.00	58.32 1.91 0.00	49.42 1.70 0.00	47.82 1.30 0.00	68.82 1.73 0.00	163.89 4.63 0.00
QUAKERRD_115KV_BK1 80622	42.01 -2.01 0.00	42.40 -2.17 0.00	44.87 -2.32 0.00	54.08 -2.34 0.00	45.43 -2.29 0.00	44.23 -2.30 0.00	64.19 -2.90 0.00	153.49 -5.76 0.00
QUENSBRY_115KV_TB8 356137	44.98 0.96 0.00	45.57 0.98 0.00	48.04 0.85 0.00	57.40 0.99 0.00	48.49 0.77 0.00	47.54 1.01 0.00	69.09 2.01 0.00	163.41 4.16 0.00
RAMAPO___LBMP 323565	44.88 0.86 0.00	45.34 0.76 0.00	47.76 0.57 0.00	56.81 0.40 0.00	48.22 0.49 0.00	47.59 1.06 0.00	68.43 1.34 0.00	162.10 2.84 0.00
RANKINE____ 23646	41.50 -2.52 0.00	41.86 -2.72 0.00	44.29 -2.90 0.00	54.10 -2.32 0.00	44.86 -2.86 0.00	43.32 -3.21 0.00	63.17 -3.92 0.00	151.88 -7.37 0.00
RAVENSWOOD_GT2_1 24244	45.38 1.36 0.00	45.83 1.25 0.00	48.25 1.06 0.00	57.41 1.00 0.00	48.72 1.00 0.00	48.15 1.61 0.00	70.02 2.13 -0.80	164.00 4.75 0.00
RAVENSWOOD_GT2_2	45.38	45.83	48.25	57.41	48.72	48.15	70.02	164.00

24245	1.36 0.00	1.25 0.00	1.06 0.00	1.00 0.00	1.00 0.00	1.61 0.00	2.13 -0.80	4.75 0.00
RAVENSWOOD_GT2_3 24246	45.39 1.38 0.00	45.85 1.27 0.00	48.27 1.08 0.00	57.43 1.02 0.00	48.74 1.01 0.00	48.16 1.63 0.00	70.04 2.15 -0.80	164.17 4.91 0.00
RAVENSWOOD_GT2_4 24247	45.39 1.38 0.00	45.85 1.27 0.00	48.27 1.08 0.00	57.43 1.02 0.00	48.74 1.01 0.00	48.16 1.63 0.00	70.04 2.15 -0.80	164.17 4.91 0.00
RAVENSWOOD_GT3_1 24248	45.38 1.36 0.00	45.84 1.26 0.00	48.25 1.06 0.00	57.41 1.00 0.00	48.72 1.00 0.00	48.15 1.61 0.00	70.02 2.13 -0.80	164.00 4.75 0.00
RAVENSWOOD_GT3_2 24249	45.38 1.36 0.00	45.84 1.26 0.00	48.25 1.06 0.00	57.41 1.00 0.00	48.72 1.00 0.00	48.15 1.61 0.00	70.02 2.13 -0.80	164.00 4.75 0.00
RAVENSWOOD_GT3_3 24250	45.43 1.42 0.00	45.89 1.31 0.00	48.32 1.13 0.00	57.48 1.06 0.00	48.78 1.05 0.00	48.20 1.68 0.00	70.11 2.22 -0.80	164.32 5.07 0.00
RAVENSWOOD_GT3_4 24251	45.43 1.42 0.00	45.89 1.31 0.00	48.32 1.13 0.00	57.48 1.06 0.00	48.78 1.05 0.00	48.20 1.68 0.00	70.11 2.22 -0.80	164.32 5.07 0.00
RAVENSWOOD_GT_1 23729	45.53 1.51 0.00	45.97 1.40 0.00	48.37 1.18 0.00	57.50 1.09 0.00	48.83 1.11 0.00	48.27 1.74 0.00	84.09 2.25 -14.75	164.32 5.07 0.00
RAVENSWOOD_GT_10 24258	45.38 1.36 0.00	45.83 1.24 0.00	48.25 1.06 0.00	57.41 1.00 0.00	48.72 1.00 0.00	48.14 1.61 0.00	71.62 2.13 -2.41	164.00 4.75 0.00
RAVENSWOOD_GT_11 24259	45.38 1.36 0.00	45.83 1.24 0.00	48.25 1.06 0.00	57.41 1.00 0.00	48.72 1.00 0.00	48.14 1.61 0.00	71.62 2.13 -2.41	164.00 4.75 0.00
RAVENSWOOD_GT_4 24252	45.41 1.40 0.00	45.86 1.28 0.00	48.27 1.08 0.00	57.41 1.00 0.00	48.74 1.01 0.00	48.15 1.62 0.00	77.45 2.13 -8.22	164.16 4.90 0.00
RAVENSWOOD_GT_5 24254	45.41 1.40 0.00	45.86 1.28 0.00	48.27 1.08 0.00	57.41 1.00 0.00	48.74 1.01 0.00	48.15 1.62 0.00	77.45 2.13 -8.22	164.16 4.90 0.00
RAVENSWOOD_GT_6 24253	45.41 1.40 0.00	45.86 1.28 0.00	48.27 1.08 0.00	57.41 1.00 0.00	48.74 1.01 0.00	48.15 1.62 0.00	77.45 2.13 -8.22	164.16 4.90 0.00
RAVENSWOOD_GT_7 24255	45.41 1.40 0.00	45.86 1.28 0.00	48.27 1.08 0.00	57.41 1.00 0.00	48.74 1.01 0.00	48.15 1.62 0.00	77.45 2.13 -8.22	164.16 4.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.38 1.36 0.00	45.83 1.24 0.00	48.25 1.06 0.00	57.41 1.00 0.00	48.72 1.00 0.00	48.14 1.61 0.00	71.62 2.13 -2.41	164.00 4.75 0.00

RAVENSWOOD_GT_9 24257	45.38 1.36 0.00	45.83 1.24 0.00	48.25 1.06 0.00	57.41 1.00 0.00	48.72 1.00 0.00	48.14 1.61 0.00	71.62 2.13 -2.41	164.00 4.75 0.00
RAVENSWOOD___1 23533	45.46 1.44 0.00	45.91 1.33 0.00	48.32 1.13 0.00	57.48 1.07 0.00	48.78 1.06 0.00	48.21 1.68 0.00	76.48 2.17 -7.21	164.17 4.92 0.00
RAVENSWOOD___2 23534	45.46 1.44 0.00	45.91 1.33 0.00	48.32 1.13 0.00	57.48 1.07 0.00	48.78 1.06 0.00	48.21 1.68 0.00	76.48 2.17 -7.21	164.17 4.92 0.00
RAVENSWOOD___3 23535	45.38 1.36 0.00	45.84 1.26 0.00	48.27 1.08 0.00	57.47 1.06 0.00	48.73 1.01 0.00	48.14 1.61 0.00	70.02 2.14 -0.80	164.00 4.74 0.00
RAVENSWOOD___4 23820	45.46 1.44 0.00	45.91 1.33 0.00	48.32 1.13 0.00	57.48 1.07 0.00	48.78 1.06 0.00	48.21 1.68 0.00	76.48 2.17 -7.21	164.17 4.92 0.00
RCPI_TRUST___DRP 24196	45.59 1.57 0.00	46.03 1.45 0.00	48.49 1.30 0.00	57.71 1.29 0.00	48.97 1.24 0.00	48.40 1.87 0.00	70.54 2.55 -0.91	165.12 5.87 0.00
RED___ROCHESTER 323720	43.00 -1.01 0.00	40.77 -1.21 2.60	40.99 -1.31 4.89	39.13 -1.06 16.22	43.48 -1.27 2.97	42.47 -1.32 2.74	55.08 -1.40 10.61	122.91 -1.63 34.71
REGAN___SOLAR 323812	46.02 2.00 0.00	46.51 1.93 0.00	49.19 2.01 0.00	58.94 2.52 0.00	49.92 2.20 0.00	48.74 2.21 0.00	70.71 3.62 0.00	168.31 9.06 0.00
RENSSELAER___COGEN 23796	44.77 0.75 0.00	45.45 0.88 0.00	47.99 0.80 0.00	57.26 0.85 0.00	48.38 0.66 0.00	47.23 0.70 0.00	67.99 0.90 0.00	160.68 1.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.51 2.49 0.00	47.09 2.51 0.00	49.44 2.25 0.00	59.11 2.70 0.00	49.96 2.23 0.00	49.35 2.82 0.00	72.58 5.49 0.00	172.00 12.75 0.00
REVERE_CPPR_DRP 24186	70.26 1.39 -24.85	45.89 1.24 -0.07	48.52 1.33 0.00	58.05 1.64 0.00	49.22 1.49 0.00	48.20 1.67 0.00	69.95 2.86 0.00	166.74 7.49 0.00
REYNLDPA_13_KV_LD 356490	1.83 -0.07 42.12	44.86 0.40 0.12	47.89 0.70 0.00	57.31 0.89 0.00	48.47 0.75 0.00	47.18 0.65 0.00	68.07 0.98 0.00	161.81 2.56 0.00
REYNOLDS_115KV_TB3 80639	44.60 0.58 0.00	45.32 0.74 0.00	47.83 0.64 0.00	57.03 0.61 0.00	48.17 0.45 0.00	47.03 0.51 0.00	67.65 0.56 0.00	159.73 0.47 0.00
RIVERBAY____ 323610	46.42 2.40 0.00	46.89 2.31 0.00	49.40 2.21 0.00	58.74 2.33 0.00	49.93 2.20 0.00	49.42 2.89 0.00	72.89 4.03 -1.77	168.94 9.68 0.00
RIVERSDE_115KV_TB3 55908	44.75 0.73 0.00	45.45 0.87 0.00	47.98 0.79 0.00	57.21 0.80 0.00	48.34 0.62 0.00	47.21 0.68 0.00	67.92 0.83 0.00	160.52 1.28 0.00

ROARING__BROOK_WT_PWR 323790	38.28 -0.11 5.63	44.49 -0.07 0.02	47.18 -0.01 0.00	56.41 0.00 0.00	47.72 -0.01 0.00	46.49 -0.04 0.00	67.09 0.00 0.00	159.26 0.01 0.00
ROCHESRG_115KV_T4 355643	42.48 -1.54 0.00	42.88 -1.70 0.00	45.38 -1.81 0.00	54.81 -1.61 0.00	45.95 -1.78 0.00	44.64 -1.89 0.00	64.84 -2.25 0.00	155.25 -4.01 0.00
ROCHESTER_9_IC 23652	42.80 -1.22 0.00	43.19 -1.38 0.00	45.70 -1.48 0.00	55.20 -1.21 0.00	46.28 -1.45 0.00	44.99 -1.54 0.00	65.41 -1.68 0.00	156.68 -2.57 0.00
ROCKVIEW_13_KV_LD 356306	45.41 1.40 0.00	45.88 1.30 0.00	48.31 1.12 0.00	57.47 1.06 0.00	48.78 1.06 0.00	48.16 1.63 0.00	70.33 2.19 -1.05	164.17 4.91 0.00
ROME____115KV_TB2 80656	70.26 1.39 -24.85	45.89 1.24 -0.07	48.52 1.33 0.00	58.05 1.64 0.00	49.22 1.49 0.00	48.20 1.67 0.00	69.95 2.86 0.00	166.74 7.49 0.00
ROSETON__1 23587	44.80 0.78 0.00	45.30 0.72 0.00	47.74 0.55 0.00	56.85 0.44 0.00	48.19 0.47 0.00	47.44 0.91 0.00	68.31 1.22 0.00	161.78 2.53 0.00
ROSETON__2 23588	44.80 0.78 0.00	45.30 0.72 0.00	47.74 0.55 0.00	56.85 0.44 0.00	48.19 0.47 0.00	47.44 0.91 0.00	68.31 1.22 0.00	161.78 2.53 0.00
ROTTRDAM_115KV_TB3 80664	44.62 0.60 0.00	45.21 0.63 0.00	47.79 0.60 0.00	57.07 0.66 0.00	48.27 0.54 0.00	47.09 0.57 0.00	67.91 0.82 0.00	160.84 1.60 0.00
RUSSELL__1 23602	43.00 -1.02 0.00	43.39 -1.19 0.00	45.89 -1.29 0.00	55.43 -0.99 0.00	46.47 -1.26 0.00	45.20 -1.33 0.00	65.74 -1.35 0.00	157.48 -1.78 0.00
RUSSELL__2 23532	43.00 -1.02 0.00	43.39 -1.19 0.00	45.89 -1.29 0.00	55.43 -0.99 0.00	46.47 -1.26 0.00	45.20 -1.33 0.00	65.74 -1.35 0.00	157.48 -1.78 0.00
RUSSELL__3 23549	43.00 -1.02 0.00	43.39 -1.19 0.00	45.89 -1.29 0.00	55.43 -0.99 0.00	46.47 -1.26 0.00	45.20 -1.33 0.00	65.74 -1.35 0.00	157.48 -1.78 0.00
RUSSELL__4 23556	43.00 -1.02 0.00	43.39 -1.19 0.00	45.89 -1.29 0.00	55.43 -0.99 0.00	46.47 -1.26 0.00	45.20 -1.33 0.00	65.74 -1.35 0.00	157.48 -1.78 0.00
RUSSELL__STATION 23914	43.00 -1.02 0.00	43.39 -1.19 0.00	45.89 -1.29 0.00	55.43 -0.99 0.00	46.47 -1.26 0.00	45.20 -1.33 0.00	65.74 -1.35 0.00	157.48 -1.78 0.00
S SALMON__HYD 24043	90.16 -0.55 -46.69	43.86 -0.85 -0.13	46.37 -0.82 0.00	55.56 -0.85 0.00	47.52 -0.20 0.00	46.30 -0.23 0.00	67.38 0.29 0.00	161.47 2.22 0.00
S.PERRY__115KV_TB1 80734	43.95 -0.07 0.00	44.37 -0.21 0.00	46.86 -0.33 0.00	56.58 0.17 0.00	47.55 -0.17 0.00	46.59 0.06 0.00	68.02 0.94 0.00	162.45 3.19 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.81 -3.21 0.00	41.17 -3.41 0.00	43.57 -3.61 0.00	53.31 -3.10 0.00	44.15 -3.57 0.00	42.50 -4.03 0.00	61.93 -5.16 0.00	149.01 -10.24 0.00
SAWYER__23_KV_LOAD 55526	40.81 -3.21 0.00	41.17 -3.41 0.00	43.57 -3.61 0.00	53.31 -3.10 0.00	44.15 -3.57 0.00	42.50 -4.03 0.00	61.93 -5.16 0.00	149.01 -10.24 0.00
SELKIRK__I 23801	44.87 0.85 0.00	45.52 0.94 0.00	48.14 0.94 0.00	57.44 1.03 0.00	48.58 0.86 0.00	47.36 0.83 0.00	68.16 1.07 0.00	161.18 1.92 0.00
SELKIRK__II 23799	44.67 0.65 0.00	45.33 0.75 0.00	47.89 0.70 0.00	57.15 0.73 0.00	48.33 0.61 0.00	47.14 0.62 0.00	67.85 0.76 0.00	160.52 1.27 0.00
SENECA OSWGO__HYD 24041	56.87 -1.26 -14.11	43.22 -1.40 -0.04	45.67 -1.52 0.00	54.64 -1.78 0.00	46.26 -1.46 0.00	45.14 -1.39 0.00	65.28 -1.81 0.00	155.43 -3.82 0.00
SENECA__115KV_TB3 355854	41.55 -2.47 0.00	35.29 -2.68 6.61	31.90 -2.87 12.42	12.75 -2.43 41.24	37.33 -2.84 7.55	36.35 -3.11 7.06	35.81 -3.93 27.35	62.88 -6.90 89.48
SENECA__ENERGY 23797	43.52 -0.50 0.00	43.92 -0.66 0.00	46.43 -0.76 0.00	55.63 -0.79 0.00	47.04 -0.69 0.00	45.96 -0.57 0.00	66.54 -0.56 0.00	158.62 -0.64 0.00
SHOEMAKER__GT 23640	44.78 0.77 0.00	45.27 0.69 0.00	47.75 0.56 0.00	56.90 0.48 0.00	48.24 0.52 0.00	47.41 0.88 0.00	68.29 1.20 0.00	161.78 2.53 0.00
SHOEMAKR_138KV_BK 111 55601	44.76 0.74 0.00	45.24 0.66 0.00	47.72 0.53 0.00	56.83 0.42 0.00	48.21 0.48 0.00	47.39 0.87 0.00	68.25 1.16 0.00	161.78 2.53 0.00
SHOREHAM_IC_1 23715	45.16 1.14 0.00	45.64 1.06 0.00	47.97 0.78 0.00	56.82 0.40 0.00	48.39 0.66 0.00	47.39 0.86 0.00	68.63 0.80 -0.73	158.71 -0.54 0.00
SHOREHAM_IC_2 23716	45.16 1.14 0.00	45.64 1.06 0.00	47.97 0.78 0.00	56.82 0.40 0.00	48.39 0.66 0.00	47.39 0.86 0.00	68.63 0.80 -0.73	158.71 -0.54 0.00
SISSONVILLE__ 23735	316.63 0.02 -272.59	45.52 0.18 -0.76	47.63 0.45 0.00	57.04 0.62 0.00	48.33 0.61 0.00	46.74 0.21 0.00	67.11 0.02 0.00	159.89 0.65 0.00
SITHE_IND_GS1 24169	42.81 -1.21 0.00	43.25 -1.33 0.00	45.76 -1.43 0.00	54.76 -1.65 0.00	46.32 -1.40 0.00	45.15 -1.37 0.00	65.22 -1.87 0.00	155.12 -4.14 0.00
SITHE_IND_GS2 24170	42.81 -1.21 0.00	43.25 -1.33 0.00	45.76 -1.43 0.00	54.76 -1.65 0.00	46.32 -1.40 0.00	45.15 -1.37 0.00	65.22 -1.87 0.00	155.12 -4.14 0.00
SITHE_IND_GS3 24171	42.81 -1.21 0.00	43.25 -1.33 0.00	45.76 -1.43 0.00	54.76 -1.65 0.00	46.32 -1.40 0.00	45.15 -1.37 0.00	65.22 -1.87 0.00	155.12 -4.14 0.00

SITHE_IND_GS4 24172	42.81 -1.21 0.00	43.25 -1.33 0.00	45.76 -1.43 0.00	54.76 -1.65 0.00	46.32 -1.40 0.00	45.15 -1.37 0.00	65.22 -1.87 0.00	155.12 -4.14 0.00
SITHE__BATAVIA 24024	42.33 -1.69 0.00	38.27 -1.90 4.40	36.88 -2.03 8.27	27.40 -1.55 27.47	40.78 -1.92 5.03	39.66 -2.18 4.69	46.45 -2.48 18.16	96.44 -3.38 59.43
SITHE__INDEPEND 23800	42.81 -1.21 0.00	43.25 -1.33 0.00	45.76 -1.43 0.00	54.78 -1.63 0.00	46.33 -1.39 0.00	45.15 -1.37 0.00	65.23 -1.86 0.00	155.12 -4.14 0.00
SITHE__MASSENA 23902	437.55 0.46 -393.07	46.30 0.62 -1.10	48.07 0.88 0.00	57.56 1.15 0.00	48.69 0.97 0.00	47.32 0.79 0.00	68.23 1.14 0.00	162.29 3.04 0.00
SITHE__OGDNSBRG 24021	364.49 1.09 -319.39	46.73 1.26 -0.89	48.79 1.60 0.00	58.44 2.03 0.00	49.48 1.76 0.00	47.99 1.46 0.00	69.14 2.05 0.00	164.68 5.43 0.00
SITHE__STERLING 23777	61.45 0.95 -16.48	45.49 0.86 -0.05	48.10 0.92 0.00	57.57 1.16 0.00	48.79 1.06 0.00	47.71 1.18 0.00	69.14 2.05 0.00	164.51 5.25 0.00
SLEIGHT__34_KV_TB1 80719	43.01 -1.01 0.00	43.42 -1.16 0.00	45.93 -1.26 0.00	55.27 -1.14 0.00	46.51 -1.22 0.00	45.35 -1.18 0.00	65.88 -1.21 0.00	157.33 -1.92 0.00
SMITHTWN_69_KV_BK 1 55830	45.69 1.67 0.00	46.11 1.53 0.00	48.44 1.25 0.00	57.32 0.90 0.00	48.89 1.17 0.00	48.19 1.66 0.00	69.67 1.85 -0.73	161.89 2.64 0.00
SOUTH CAIRO__GT 23612	46.41 2.39 0.00	47.06 2.48 0.00	49.73 2.55 0.00	59.40 2.99 0.00	50.27 2.54 0.00	49.07 2.54 0.00	70.93 3.85 0.00	168.47 9.22 0.00
SOUTH HAMPTN__IC 23720	45.28 1.26 0.00	45.54 0.95 0.00	47.86 0.68 0.00	56.69 0.28 0.00	48.31 0.58 0.00	47.44 0.91 0.00	68.93 1.10 -0.73	159.52 0.26 0.00
SOUTHOLD_115KV_TB1 355954	43.51 -0.51 0.00	43.87 -0.71 0.00	46.30 -0.89 0.00	56.31 -0.10 0.00	46.88 -0.84 0.00	45.42 -1.11 0.00	66.21 -0.88 0.00	159.04 -0.20 0.00
SOUTHOLD_69_KV_BK 2 55809	45.31 1.29 0.00	45.29 0.71 0.00	47.59 0.40 0.00	56.31 -0.10 0.00	48.09 0.37 0.00	47.37 0.84 0.00	69.03 1.20 -0.73	160.15 0.90 0.00
SOUTHOLD__IC 23719	45.30 1.29 0.00	45.31 0.73 0.00	47.62 0.43 0.00	56.42 0.00 0.00	48.09 0.37 0.00	47.36 0.84 0.00	69.06 1.24 -0.73	160.16 0.90 0.00
SOUTH_FORK_WT_PWR 323839	44.87 0.85 0.00	44.61 0.03 0.00	46.89 -0.30 0.00	55.53 -0.89 0.00	47.36 -0.36 0.00	46.69 0.16 0.00	68.31 0.49 -0.73	158.41 -0.84 0.00
SPIERFLS_115KV_TB 1 80737	44.74 0.72 0.00	45.33 0.75 0.00	47.82 0.63 0.00	57.12 0.71 0.00	48.25 0.52 0.00	47.25 0.72 0.00	68.57 1.48 0.00	162.28 3.04 0.00

ST LAWRENCE____ 23600	12.60 -0.13 31.28	44.50 0.02 0.10	47.42 0.23 0.00	56.74 0.33 0.00	47.99 0.27 0.00	46.72 0.19 0.00	67.42 0.32 0.00	160.38 1.12 0.00
STATE_CA_115KV_115_LB 55624	44.99 0.97 0.00	45.67 1.09 0.00	48.22 1.03 0.00	57.52 1.11 0.00	48.61 0.89 0.00	47.46 0.93 0.00	68.35 1.26 0.00	161.64 2.39 0.00
STATE_ST_34_KV_LOAD 55959	49.30 0.18 -5.10	44.55 -0.05 -0.01	47.18 -0.01 0.00	56.56 0.15 0.00	47.83 0.11 0.00	46.68 0.15 0.00	67.62 0.53 0.00	160.85 1.60 0.00
STATION_5_MISC_HYD 23604	42.79 -1.23 0.00	40.59 -1.39 2.60	40.79 -1.51 -4.88	38.89 -1.31 16.21	43.28 -1.48 2.97	42.27 -1.52 2.74	54.75 -1.74 10.61	121.96 -2.58 34.70
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.23 -0.79 0.00	43.64 -0.94 0.00	46.16 -1.03 0.00	55.52 -0.90 0.00	46.75 -0.98 0.00	45.57 -0.95 0.00	66.15 -0.95 0.00	157.97 -1.29 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.59 -1.42 0.00	42.99 -1.59 0.00	45.48 -1.71 0.00	54.89 -1.53 0.00	46.06 -1.67 0.00	44.80 -1.73 0.00	65.09 -2.00 0.00	155.73 -3.52 0.00
STA_56____34_KV_BUS2 355983	42.59 -1.42 0.00	42.99 -1.59 0.00	45.48 -1.71 0.00	54.89 -1.53 0.00	46.06 -1.67 0.00	44.80 -1.73 0.00	65.09 -2.00 0.00	155.73 -3.52 0.00
STA_67____115KV_BK2 355882	42.73 -1.29 0.00	43.11 -1.47 0.00	45.61 -1.58 0.00	55.09 -1.33 0.00	46.20 -1.53 0.00	44.90 -1.63 0.00	65.27 -1.82 0.00	156.20 -3.05 0.00
STA_7____115KV_9TRANS 80674	43.00 -1.02 0.00	43.39 -1.19 0.00	45.89 -1.29 0.00	55.43 -0.99 0.00	46.47 -1.26 0.00	45.20 -1.33 0.00	65.74 -1.35 0.00	157.48 -1.78 0.00
STA_82____115KV_TB1 80780	42.68 -1.34 0.00	43.07 -1.51 0.00	45.57 -1.62 0.00	55.04 -1.38 0.00	46.15 -1.58 0.00	44.85 -1.67 0.00	65.20 -1.89 0.00	156.04 -3.21 0.00
STEEL____WIND 323596	41.50 -2.51 0.00	35.24 -2.72 6.61	31.84 -2.93 12.42	12.68 -2.49 41.24	37.26 -2.91 7.55	36.31 -3.15 7.06	35.75 -3.99 27.35	62.73 -7.05 89.48
STEPHTWN_115KV_BK_2 55603	45.20 1.18 0.00	45.88 1.30 0.00	48.42 1.23 0.00	57.80 1.38 0.00	48.85 1.13 0.00	47.76 1.23 0.00	68.87 1.78 0.00	162.91 3.67 0.00
STEUBEN_REC_LFGE 323667	42.75 -1.27 0.00	43.33 -1.25 0.00	45.65 -1.54 0.00	54.98 -1.44 0.00	46.35 -1.37 0.00	45.84 -0.69 0.00	66.55 -0.55 0.00	158.30 -0.96 0.00
STILLWATER____SOLAR 323814	45.05 1.03 0.00	45.69 1.11 0.00	48.23 1.04 0.00	57.59 1.18 0.00	48.64 0.91 0.00	47.54 1.01 0.00	68.69 1.60 0.00	162.45 3.19 0.00
STONY____BROOK 24151	45.61 1.59 0.00	46.04 1.46 0.00	48.38 1.19 0.00	57.30 0.89 0.00	48.82 1.10 0.00	48.09 1.56 0.00	69.58 1.76 -0.73	161.58 2.32 0.00

STURGEON_POOL_HYD 23609	45.00 0.98 0.00	45.47 0.90 0.00	47.93 0.74 0.00	57.07 0.65 0.00	48.42 0.69 0.00	47.67 1.14 0.00	68.67 1.57 0.00	162.74 3.49 0.00
ST_LAW_115_BK7_LBMP 345037	1.74 -0.15 42.12	44.48 0.02 0.12	47.43 0.25 0.00	56.76 0.34 0.00	48.01 0.28 0.00	46.72 0.19 0.00	67.41 0.32 0.00	160.39 1.13 0.00
ST_LAW_115_BK8_LBMP 345038	1.74 -0.15 42.12	44.48 0.02 0.12	47.43 0.25 0.00	56.76 0.34 0.00	48.01 0.28 0.00	46.72 0.19 0.00	67.41 0.32 0.00	160.39 1.13 0.00
ST_LAW_230_BK5_LBMP 345035	16.71 -0.13 27.17	44.52 0.02 0.08	47.42 0.23 0.00	56.74 0.33 0.00	47.99 0.27 0.00	46.72 0.19 0.00	67.42 0.32 0.00	160.38 1.12 0.00
ST_LAW_230_BK6_LBMP 345036	16.71 -0.13 27.17	44.52 0.02 0.08	47.42 0.23 0.00	56.74 0.33 0.00	47.99 0.27 0.00	46.72 0.19 0.00	67.42 0.32 0.00	160.38 1.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.86 0.84 0.00	45.34 0.76 0.00	47.79 0.60 0.00	56.87 0.45 0.00	48.26 0.54 0.00	47.53 1.01 0.00	68.43 1.34 0.00	162.25 3.00 0.00
SWANROAD_115KV_TB1 355699	39.82 -4.19 0.00	40.18 -4.40 0.00	42.57 -4.62 0.00	52.06 -4.35 0.00	43.20 -4.53 0.00	41.37 -5.16 0.00	60.27 -6.82 0.00	145.09 -14.16 0.00
SYNERGY___BIOGAS 323694	42.34 -1.68 0.00	42.70 -1.88 0.00	45.19 -1.99 0.00	55.03 -1.39 0.00	45.86 -1.87 0.00	44.33 -2.20 0.00	64.72 -2.38 0.00	155.72 -3.53 0.00
SYRACUSE___ENERGY_ST1 323597	50.26 -0.10 -6.34	44.39 -0.20 -0.02	46.93 -0.26 0.00	56.18 -0.23 0.00	47.55 -0.18 0.00	46.39 -0.14 0.00	67.09 0.00 0.00	159.58 0.32 0.00
SYRACUSE___ENERGY_ST2 323598	50.26 -0.10 -6.34	44.39 -0.20 -0.02	46.93 -0.26 0.00	56.18 -0.23 0.00	47.55 -0.18 0.00	46.39 -0.14 0.00	67.09 0.00 0.00	159.58 0.32 0.00
SYRACUSE___POWER 24017	50.09 -0.16 -6.22	44.36 -0.23 -0.02	46.89 -0.30 0.00	56.13 -0.29 0.00	47.49 -0.24 0.00	46.32 -0.21 0.00	66.99 -0.10 0.00	159.41 0.15 0.00
TALLMAN__138KV_BK151 55660	44.98 0.97 0.00	45.45 0.87 0.00	47.86 0.68 0.00	56.93 0.51 0.00	48.33 0.61 0.00	47.70 1.18 0.00	68.62 1.52 0.00	162.57 3.32 0.00
TEALLAVE_115KV_TB7 355573	50.58 -0.37 -6.94	44.12 -0.48 -0.02	46.64 -0.55 0.00	55.84 -0.57 0.00	47.22 -0.50 0.00	46.06 -0.47 0.00	66.64 -0.46 0.00	158.45 -0.79 0.00
TELGRAPH_34_KV_EAST 80808	41.10 -2.91 0.00	41.49 -3.09 0.00	43.91 -3.27 0.00	53.62 -2.79 0.00	44.54 -3.19 0.00	42.88 -3.65 0.00	62.56 -4.53 0.00	150.48 -8.76 0.00
TEMPLE___115KV_TB 2 55572	50.39 -0.37 -6.74	44.13 -0.46 -0.02	46.65 -0.54 0.00	55.86 -0.56 0.00	47.23 -0.49 0.00	46.07 -0.46 0.00	66.64 -0.45 0.00	158.45 -0.79 0.00

TIANA___69_KV_BK 1 55817	45.35 1.33 0.00	45.68 1.10 0.00	47.98 0.79 0.00	56.77 0.35 0.00	48.44 0.72 0.00	47.55 1.03 0.00	68.94 1.12 -0.73	159.67 0.42 0.00
TILDEN___115KV_TB1 80814	50.09 -0.16 -6.22	44.36 -0.23 -0.02	46.89 -0.30 0.00	56.13 -0.29 0.00	47.49 -0.24 0.00	46.32 -0.21 0.00	66.99 -0.10 0.00	159.41 0.15 0.00
TRIGEN___CC 323695	45.32 1.30 0.00	45.75 1.17 0.00	48.11 0.92 0.00	57.08 0.67 0.00	48.60 0.87 0.00	47.92 1.39 0.00	69.41 1.57 -0.74	161.91 2.66 0.00
TRINITY__115KV__4 BK 55933	44.78 0.76 0.00	45.47 0.89 0.00	48.00 0.81 0.00	57.25 0.83 0.00	48.38 0.65 0.00	47.23 0.70 0.00	67.97 0.88 0.00	160.69 1.43 0.00
UNION___PROCESSING_DRP 323587	42.69 -1.33 0.00	43.08 -1.50 0.00	45.57 -1.61 0.00	55.06 -1.36 0.00	46.18 -1.55 0.00	44.87 -1.66 0.00	65.21 -1.88 0.00	156.20 -3.05 0.00
UPPER HUDSON___HYD 24058	44.74 0.72 0.00	45.33 0.75 0.00	47.82 0.63 0.00	57.13 0.72 0.00	48.26 0.53 0.00	47.25 0.72 0.00	68.57 1.48 0.00	162.28 3.03 0.00
UPPER RAQUET___HYD 24056	316.63 0.02 -272.59	45.52 0.18 -0.76	47.63 0.44 0.00	57.04 0.63 0.00	48.33 0.61 0.00	46.74 0.21 0.00	67.12 0.03 0.00	159.90 0.65 0.00
VALLEY44_115KV_TB2 355964	42.63 -1.40 0.00	43.03 -1.55 0.00	45.58 -1.61 0.00	55.25 -1.17 0.00	45.91 -1.81 0.00	44.49 -2.04 0.00	64.83 -2.26 0.00	155.52 -3.73 0.00
VALLEY___115KV_TB 1-4 80826	51.57 -0.04 -7.58	44.55 -0.06 -0.02	47.02 -0.17 0.00	56.37 -0.05 0.00	47.71 -0.01 0.00	46.55 0.02 0.00	67.43 0.34 0.00	160.07 0.81 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.79 1.77 0.00	46.40 1.82 0.00	49.17 1.98 0.00	58.82 2.40 0.00	49.87 2.15 0.00	48.61 2.08 0.00	70.27 3.18 0.00	166.91 7.65 0.00
VISCHER___FERRY HYD 24020	44.57 0.55 0.00	45.29 0.71 0.00	47.78 0.59 0.00	57.01 0.59 0.00	48.10 0.37 0.00	46.96 0.43 0.00	67.67 0.58 0.00	159.89 0.63 0.00
V_A_10_SYNC_DSASP 323832	40.57 -3.44 0.00	40.93 -3.65 0.00	43.33 -3.85 0.00	52.85 -3.56 0.00	43.87 -3.86 0.00	42.27 -4.26 0.00	61.44 -5.65 0.00	147.74 -11.51 0.00
V_CMM_10_SYNC_DSASP 323787	1.79 -0.11 42.12	44.67 0.21 0.12	47.67 0.48 0.00	57.03 0.61 0.00	48.24 0.51 0.00	46.94 0.42 0.00	67.73 0.64 0.00	161.02 1.77 0.00
V_CMP_10_SYNC_DSASP 323788	44.32 0.30 0.00	45.20 0.62 0.00	48.10 0.91 0.00	57.44 1.03 0.00	48.65 0.93 0.00	47.61 1.08 0.00	68.94 1.86 0.00	163.73 4.48 0.00
V_D_10_SYNC_DSASP 323841	439.30 0.46 -394.82	46.30 0.62 -1.10	48.07 0.88 0.00	57.56 1.15 0.00	48.69 0.96 0.00	47.32 0.79 0.00	68.24 1.15 0.00	162.29 3.05 0.00

V_E_10_SYNC_DSASP 323830	44.75 0.73 0.00	45.97 1.39 0.00	49.36 2.17 0.00	59.52 3.11 0.00	50.59 2.87 0.00	49.78 3.25 0.00	73.14 6.05 0.00	175.02 15.77 0.00
V_F_30_NSYNC_DSASP 323816	45.12 1.10 0.00	45.75 1.17 0.00	48.30 1.12 0.00	57.68 1.26 0.00	48.73 1.00 0.00	47.61 1.09 0.00	68.80 1.71 0.00	162.77 3.51 0.00
V_F_30_SYNC_DSASP 323786	44.99 0.97 0.00	45.66 1.09 0.00	48.22 1.03 0.00	57.52 1.11 0.00	48.61 0.89 0.00	47.46 0.93 0.00	68.35 1.26 0.00	161.64 2.39 0.00
V_XM_10_SYNC_DSASP 323789	44.32 0.30 0.00	45.20 0.62 0.00	48.10 0.91 0.00	57.44 1.03 0.00	48.65 0.93 0.00	47.61 1.08 0.00	68.94 1.86 0.00	163.73 4.48 0.00
W.BABYLN_69_KV_BK1 56697	45.91 1.89 0.00	46.32 1.74 0.00	48.69 1.50 0.00	57.62 1.21 0.00	49.13 1.41 0.00	48.46 1.93 0.00	70.09 2.27 -0.74	162.85 3.60 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.15 1.13 0.00	45.62 1.04 0.00	48.05 0.86 0.00	57.15 0.74 0.00	48.51 0.78 0.00	47.87 1.34 0.00	68.89 1.79 0.00	163.36 4.11 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.37 1.35 0.00	45.82 1.24 0.00	48.27 1.08 0.00	57.46 1.05 0.00	48.75 1.03 0.00	48.18 1.65 0.00	70.19 2.19 -0.91	164.17 4.91 0.00
W50THST__13_KV_LOAD 356117	45.59 1.57 0.00	46.03 1.45 0.00	48.49 1.30 0.00	57.71 1.30 0.00	48.97 1.25 0.00	48.41 1.88 0.00	70.55 2.55 -0.91	165.12 5.87 0.00
WADING RIVER_IC_1 23522	45.09 1.07 0.00	45.57 0.99 0.00	47.90 0.71 0.00	56.74 0.32 0.00	48.31 0.58 0.00	47.29 0.76 0.00	68.47 0.64 -0.73	158.23 -1.02 0.00
WADING RIVER_IC_2 23547	45.09 1.07 0.00	45.57 0.99 0.00	47.90 0.71 0.00	56.74 0.32 0.00	48.31 0.58 0.00	47.29 0.76 0.00	68.47 0.64 -0.73	158.23 -1.02 0.00
WADING RIVER_IC_3 23601	45.09 1.07 0.00	45.57 0.99 0.00	47.90 0.71 0.00	56.74 0.32 0.00	48.31 0.58 0.00	47.29 0.76 0.00	68.47 0.64 -0.73	158.23 -1.02 0.00
WALDENNY_12_KV_BK2 80841	41.47 -2.55 0.00	41.83 -2.75 0.00	44.28 -2.91 0.00	54.08 -2.34 0.00	44.85 -2.88 0.00	43.28 -3.25 0.00	63.13 -3.96 0.00	151.73 -7.52 0.00
WALDEN__HYDRO 24148	45.10 1.08 0.00	45.58 1.00 0.00	48.03 0.84 0.00	57.19 0.77 0.00	48.52 0.79 0.00	47.80 1.27 0.00	68.86 1.77 0.00	163.22 3.97 0.00
WARRENSBURG____ 23737	44.74 0.72 0.00	45.33 0.75 0.00	47.82 0.63 0.00	57.12 0.71 0.00	48.25 0.52 0.00	47.25 0.72 0.00	68.57 1.48 0.00	162.28 3.04 0.00
WATERSIDE__6 8 9 23538	45.46 1.44	45.91 1.33	48.30 1.12	57.42 1.01	48.77 1.05	48.21 1.68	76.48 2.17	164.17 4.91

	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.21	0.00
WATKINRD_115KV_LN8_ILLION 55919	51.62 0.02 -7.58	44.61 0.01 -0.02	47.13 -0.06 0.00	56.40 -0.02 0.00	47.73 0.01 0.00	46.57 0.04 0.00	67.35 0.26 0.00		159.89 0.64 0.00
WDELAWARE___HYD 323627	45.49 1.47 0.00	46.00 1.42 0.00	48.57 1.38 0.00	57.94 1.53 0.00	49.16 1.44 0.00	48.39 1.86 0.00	69.83 2.74 0.00		165.46 6.20 0.00
WEST BABYLON___IC 23714	45.91 1.89 0.00	46.32 1.74 0.00	48.69 1.50 0.00	57.62 1.21 0.00	49.13 1.41 0.00	48.46 1.93 0.00	70.09 2.27 -0.74		162.85 3.60 0.00
WEST CANADA___HYD 24049	51.60 0.00 -7.58	44.59 -0.01 -0.02	47.15 -0.04 0.00	56.36 -0.06 0.00	47.69 -0.03 0.00	46.45 -0.08 0.00	67.00 -0.09 0.00		158.94 -0.32 0.00
WESTERN_NY_WIND 24143	42.24 -1.78 0.00	42.60 -1.98 0.00	45.09 -2.10 0.00	54.93 -1.49 0.00	45.75 -1.97 0.00	44.20 -2.33 0.00	64.54 -2.55 0.00		155.41 -3.85 0.00
WESTOVER___LESR 323668	43.89 -0.12 0.00	44.40 -0.18 0.00	46.98 -0.21 0.00	56.27 -0.14 0.00	47.58 -0.15 0.00	46.31 -0.21 0.00	67.00 -0.09 0.00		159.11 -0.14 0.00
WETHRSFD_WT_PWR 323626	41.41 -2.61 0.00	39.09 -2.70 2.79	38.96 -2.99 5.25	36.13 -2.86 17.42	41.64 -2.90 3.19	40.73 -2.79 3.01	51.77 -3.66 11.66		113.77 -7.34 38.13
WHAVSTOR_138KV_BK127 55557	44.97 0.95 0.00	45.44 0.86 0.00	47.86 0.67 0.00	56.91 0.49 0.00	48.30 0.58 0.00	47.68 1.15 0.00	68.57 1.48 0.00		162.41 3.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.97 0.95 0.00	45.44 0.86 0.00	47.86 0.67 0.00	56.91 0.49 0.00	48.30 0.58 0.00	47.68 1.15 0.00	68.57 1.48 0.00		162.41 3.16 0.00
WHITEHAL_115KV_TB1 80871	45.16 1.14 0.00	45.71 1.13 0.00	47.99 0.80 0.00	57.34 0.93 0.00	48.45 0.73 0.00	47.88 1.35 0.00	70.24 3.16 0.00		165.66 6.41 0.00
WHITEPLN_13_KV_LOAD 356215	45.56 1.55 0.00	46.03 1.45 0.00	48.47 1.28 0.00	57.65 1.23 0.00	48.92 1.19 0.00	48.29 1.76 0.00	69.54 2.45 0.00		164.95 5.70 0.00
WM_FLOYD_69_KV_BK2 356380	45.42 1.40 0.00	45.83 1.25 0.00	48.16 0.97 0.00	56.96 0.55 0.00	48.59 0.86 0.00	47.73 1.20 0.00	69.07 1.24 -0.73		160.14 0.89 0.00
WOODARD__115KV_TB2 355635	50.32 -0.41 -6.71	44.08 -0.52 -0.02	46.60 -0.59 0.00	55.78 -0.63 0.00	47.17 -0.55 0.00	46.01 -0.52 0.00	66.57 -0.53 0.00		158.30 -0.96 0.00
WOODMERE_69_KV_BK1 55827	45.81 1.80 0.00	46.25 1.67 0.00	48.62 1.43 0.00	57.70 1.29 0.00	49.12 1.39 0.00	48.45 1.92 0.00	70.18 2.34 -0.74		163.82 4.56 0.00
YORK___WARBASSE 23770	45.54 1.52	46.02 1.44	48.33 1.14	57.35 0.93	48.77 1.05	48.21 1.68	69.27 2.18		163.99 4.75

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