

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/27/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	52.44	42.73	35.35	37.15	36.63	41.29	43.67	51.68	52.09	47.28	44.64	54.16	58.92	60.13	64.63	76.14	63.53
24138	2.16	1.70	1.51	1.49	1.48	1.66	2.01	2.77	3.05	3.11	2.94	3.80	4.21	4.18	4.80	5.57	5.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	52.54	42.83	35.43	37.22	36.70	41.34	43.69	51.67	52.03	47.21	44.60	54.10	58.85	60.11	64.64	76.14	63.59
24260	2.26	1.81	1.59	1.56	1.55	1.72	2.03	2.76	3.00	3.04	2.90	3.74	4.14	4.16	4.81	5.57	5.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	52.54	42.83	35.43	37.22	36.70	41.34	43.69	51.67	52.03	47.21	44.60	54.10	58.85	60.11	64.64	76.14	63.59
24261	2.26	1.81	1.59	1.56	1.55	1.72	2.03	2.76	3.00	3.04	2.90	3.74	4.14	4.16	4.81	5.57	5.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	52.53	43.06	35.61	37.55	36.98	41.52	43.39	50.94	50.51	45.02	42.02	51.07	55.51	56.55	60.88	72.11	60.22
24011	2.25	2.04	1.77	1.89	1.83	1.90	1.73	2.03	1.48	0.85	0.33	0.71	0.80	0.60	1.05	1.53	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	52.95	43.38	35.87	37.81	37.23	41.76	43.66	51.25	50.70	45.07	42.04	51.20	55.66	56.68	61.06	72.45	60.62
23798	2.67	2.36	2.03	2.15	2.08	2.14	2.00	2.34	1.67	0.90	0.34	0.83	0.95	0.73	1.23	1.87	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	52.53	43.06	35.61	37.55	36.98	41.52	43.39	50.94	50.51	45.02	42.02	51.07	55.51	56.55	60.88	72.11	60.22
24028	2.25	2.04	1.77	1.89	1.83	1.90	1.73	2.03	1.48	0.85	0.33	0.71	0.80	0.60	1.05	1.53	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	51.20	42.56	35.39	37.40	36.81	41.20	42.63	50.15	49.74	44.44	41.55	50.39	54.61	55.73	59.80	70.52	58.47
23527	0.92	1.53	1.55	1.74	1.66	1.58	0.97	1.24	0.71	0.27	-0.15	0.02	-0.10	-0.22	-0.03	-0.05	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	49.87	41.03	34.08	35.91	35.39	39.74	41.51	48.68	48.63	43.79	41.26	49.81	54.06	55.24	59.26	69.90	58.18

ALBANY___2 23572	49.87 -0.41 0.00	41.03 0.00 0.00	34.08 0.24 0.00	35.91 0.25 0.00	35.39 0.24 0.00	39.74 0.12 0.00	41.51 -0.16 0.00	48.68 -0.22 0.00	48.63 -0.41 0.00	43.79 -0.38 0.00	41.26 -0.44 0.00	49.81 -0.55 0.00	54.06 -0.65 0.00	55.24 -0.71 0.00	59.26 -0.57 0.00	69.90 -0.67 0.00	58.18 -0.18 0.00
ALBANY___3 23573	49.87 -0.41 0.00	41.03 0.00 0.00	34.08 0.24 0.00	35.91 0.25 0.00	35.39 0.24 0.00	39.74 0.12 0.00	41.51 -0.16 0.00	48.68 -0.22 0.00	48.63 -0.41 0.00	43.79 -0.38 0.00	41.26 -0.44 0.00	49.81 -0.55 0.00	54.06 -0.65 0.00	55.24 -0.71 0.00	59.26 -0.57 0.00	69.90 -0.67 0.00	58.18 -0.18 0.00
ALBANY___4 23574	49.87 -0.41 0.00	41.03 0.00 0.00	34.08 0.24 0.00	35.91 0.25 0.00	35.39 0.24 0.00	39.74 0.12 0.00	41.51 -0.16 0.00	48.68 -0.22 0.00	48.63 -0.41 0.00	43.79 -0.38 0.00	41.26 -0.44 0.00	49.81 -0.55 0.00	54.06 -0.65 0.00	55.24 -0.71 0.00	59.26 -0.57 0.00	69.90 -0.67 0.00	58.18 -0.18 0.00
ALBANY___LFGE 323615	50.46 0.17 0.00	41.50 0.48 0.00	34.44 0.60 0.00	36.30 0.64 0.00	35.76 0.61 0.00	40.17 0.55 0.00	41.95 0.29 0.00	49.23 0.32 0.00	49.18 0.14 0.00	44.30 0.13 0.00	41.72 0.02 0.00	50.42 0.06 0.00	54.72 0.02 0.00	55.96 0.00 0.00	60.05 0.21 0.00	70.87 0.30 0.00	59.00 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	51.06 0.78 0.00	41.61 0.59 0.00	34.15 0.32 0.00	35.99 0.33 0.00	35.47 0.32 0.00	52.78 0.45 -12.71	42.52 0.82 -0.03	49.83 0.92 0.00	49.85 0.82 0.00	44.79 0.61 0.00	42.31 0.61 0.00	247.35 0.54 -196.45	433.74 0.32 -378.71	495.61 0.56 -439.10	59.69 -0.15 0.00	70.15 -0.42 0.00	57.39 -0.95 0.00
ALCOA_RYNLDS___DRP 24188	51.06 0.77 0.00	41.61 0.59 0.00	34.15 0.32 0.00	35.99 0.33 0.00	35.47 0.32 0.00	52.78 0.45 -12.71	42.52 0.82 -0.03	49.83 0.92 0.00	49.85 0.82 0.00	44.79 0.61 0.00	42.31 0.61 0.00	247.35 0.54 -196.45	433.74 0.32 -378.71	495.61 0.56 -439.10	59.67 -0.17 0.00	70.15 -0.43 0.00	57.39 -0.95 0.00
ALCOA___DSASP 323711	51.06 0.77 0.00	41.61 0.59 0.00	34.15 0.32 0.00	35.99 0.33 0.00	35.47 0.32 0.00	52.78 0.45 -12.71	42.52 0.82 -0.03	49.83 0.92 0.00	49.85 0.82 0.00	44.79 0.61 0.00	42.31 0.61 0.00	247.35 0.54 -196.45	433.74 0.32 -378.71	495.61 0.56 -439.10	59.67 -0.17 0.00	70.15 -0.43 0.00	57.39 -0.95 0.00
ALLEGHENY___COGEN 23514	52.33 2.05 0.00	41.95 0.93 0.00	34.43 0.59 0.00	36.38 0.72 0.00	36.03 0.88 0.00	40.88 1.26 0.00	43.12 1.45 0.00	50.56 1.64 0.00	51.24 2.20 0.00	45.51 1.34 0.00	43.16 1.46 0.00	51.61 1.24 0.00	56.46 1.76 0.00	57.62 1.67 0.00	61.73 1.90 0.00	73.43 2.86 0.00	60.89 2.54 0.00
ALTAMONT_115KV_TB 2 55880	50.62 0.34 0.00	41.51 0.48 0.00	34.38 0.55 0.00	36.23 0.57 0.00	35.70 0.56 0.00	40.13 0.51 0.00	42.03 0.37 0.00	49.39 0.48 0.00	49.34 0.31 0.00	44.40 0.23 0.00	41.82 0.13 0.00	50.57 0.21 0.00	54.90 0.19 0.00	56.08 0.13 0.00	60.13 0.30 0.00	70.90 0.33 0.00	58.99 0.63 0.00
ALTONA_WT_PWR 323606	50.97 0.69 0.00	41.64 0.61 0.00	34.17 0.33 0.00	35.99 0.33 0.00	35.48 0.33 0.00	39.98 0.36 0.00	42.14 0.48 0.00	49.65 0.74 0.00	49.67 0.63 0.00	44.55 0.38 0.00	42.02 0.33 0.00	50.63 0.27 0.00	54.83 0.12 0.00	55.98 0.03 0.00	59.41 -0.42 0.00	70.00 -0.58 0.00	57.74 -0.61 0.00
AMERICAN_REF_FUEL 24010	47.45 -2.18 0.65	38.49 -2.53 0.00	31.58 -2.26 0.00	31.74 -2.39 1.53	30.30 -2.32 2.53	35.43 -2.29 1.90	39.23 -2.30 0.13	46.21 -2.70 0.00	47.42 -1.62 0.00	43.07 -1.10 0.00	40.97 -0.72 0.00	48.75 -1.61 0.00	53.16 -1.55 0.00	54.47 -1.48 0.00	58.24 -1.59 0.00	68.98 -1.59 0.00	57.06 -1.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.84 -0.60 0.84	39.59 -1.44 0.00	32.52 -1.31 0.00	32.45 -1.23 1.99	30.94 -0.91 3.29	36.22 -0.93 2.46	40.48 -1.01 0.17	48.06 -0.85 0.00	49.24 0.20 0.00	44.88 0.71 0.00	42.71 1.02 0.00	51.16 0.80 0.00	55.72 1.01 0.00	56.83 0.88 0.00	60.64 0.81 0.00	72.58 2.01 0.00	60.18 1.83 0.00
ARTHUR KILL_GT_1 23520	52.17 1.89 0.00	42.66 1.63 0.00	35.26 1.42 0.00	37.03 1.37 0.00	36.52 1.37 0.00	41.15 1.53 0.00	43.44 1.77 0.00	51.24 2.33 0.00	51.52 2.49 0.00	46.69 2.52 0.00	44.07 2.38 0.00	53.35 2.99 0.00	57.92 3.24 0.03	58.85 3.25 0.35	63.82 3.99 0.00	75.16 4.59 0.00	62.94 4.60 0.00
ARTHUR_KILL_2 23512	51.99 1.71 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.91 1.25 0.00	36.39 1.24 0.00	41.00 1.38 0.00	43.28 1.62 0.00	51.06 2.15 0.00	51.36 2.32 0.00	46.54 2.37 0.00	43.93 2.23 0.00	53.17 2.81 0.00	57.71 3.04 0.03	58.60 3.00 0.35	63.58 3.75 0.00	74.88 4.31 0.00	62.71 4.36 0.00
ARTHUR_KILL_3 23513	52.01 1.73 0.00	42.41 1.38 0.00	35.08 1.25 0.00	36.87 1.21 0.00	36.35 1.20 0.00	40.94 1.31 0.00	43.24 1.58 0.00	51.09 2.18 0.00	51.42 2.38 0.00	46.60 2.43 0.00	43.98 2.29 0.00	53.34 2.98 0.00	57.96 3.28 0.03	58.58 3.20 0.57	63.66 3.82 0.00	74.96 4.38 0.00	62.54 4.20 0.00

ARTHUR_KILL_COGEN 323718	52.17 1.88 0.00	42.65 1.63 0.00	35.26 1.42 0.00	37.03 1.37 0.00	36.52 1.37 0.00	41.14 1.52 0.00	43.44 1.78 0.00	51.24 2.33 0.00	51.52 2.49 0.00	46.69 2.52 0.00	44.07 2.38 0.00	53.33 2.97 0.00	57.92 3.24 0.03	58.84 3.25 0.35	63.82 3.99 0.00	75.16 4.59 0.00	62.94 4.60 0.00
ASHOKAN____ 23654	51.71 1.42 0.00	42.24 1.22 0.00	34.93 1.10 0.00	36.73 1.07 0.00	36.21 1.06 0.00	40.74 1.12 0.00	42.89 1.22 0.00	50.58 1.67 0.00	50.66 1.63 0.00	45.67 1.50 0.00	42.99 1.29 0.00	51.97 1.61 0.00	56.54 1.83 0.00	58.15 2.20 0.00	62.97 3.13 0.00	73.86 3.29 0.00	61.55 3.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.95 1.67 0.00	42.39 1.37 0.00	35.08 1.25 0.00	36.81 1.15 0.00	36.31 1.16 0.00	40.89 1.27 0.00	43.19 1.52 0.00	50.98 2.07 0.00	51.28 2.25 0.00	46.49 2.32 0.00	43.93 2.23 0.00	53.29 2.93 0.00	58.02 3.32 0.00	59.15 3.20 0.00	63.69 3.85 0.00	75.04 4.47 0.00	62.72 4.36 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.95 1.67 0.00	42.39 1.37 0.00	35.08 1.25 0.00	36.81 1.15 0.00	36.31 1.16 0.00	40.89 1.27 0.00	43.19 1.52 0.00	50.98 2.07 0.00	51.28 2.25 0.00	46.49 2.32 0.00	43.93 2.23 0.00	53.29 2.93 0.00	58.02 3.32 0.00	59.15 3.20 0.00	63.69 3.85 0.00	75.04 4.47 0.00	62.72 4.36 0.00
ASTORIA_GT2_1 24094	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT2_2 24095	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT2_3 24096	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT2_4 24097	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT3_1 24098	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT3_2 24099	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT3_3 24100	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT3_4 24101	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT4_1 24102	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT4_2 24103	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT4_3 24104	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00

ASTORIA_GT4_4 24105	52.00 1.71 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.83 1.17 0.00	36.33 1.19 0.00	40.91 1.29 0.00	43.21 1.54 0.00	51.00 2.09 0.00	51.32 2.28 0.00	46.52 2.35 0.00	43.97 2.27 0.00	53.32 2.96 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.72 3.88 0.00	75.07 4.50 0.00	62.71 4.37 0.00
ASTORIA_GT_1 23523	52.10 1.81 0.00	42.49 1.46 0.00	35.16 1.32 0.00	36.90 1.24 0.00	36.40 1.25 0.00	40.99 1.37 0.00	43.30 1.63 0.00	51.12 2.20 0.00	51.43 2.39 0.00	46.63 2.46 0.00	44.07 2.37 0.00	53.47 3.10 0.00	58.21 3.50 0.00	59.35 3.40 0.00	63.89 4.06 0.00	75.29 4.72 0.00	62.89 4.55 0.00
ASTORIA_GT_10 24110	52.10 1.82 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.33 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.16 4.59 0.00	62.83 4.48 0.00
ASTORIA_GT_11 24225	52.10 1.82 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.33 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.16 4.59 0.00	62.83 4.48 0.00
ASTORIA_GT_12 24226	52.10 1.82 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.33 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.16 4.59 0.00	62.83 4.48 0.00
ASTORIA_GT_13 24227	52.10 1.82 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.33 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.16 4.59 0.00	62.83 4.48 0.00
ASTORIA_GT_5 24106	52.10 1.81 0.00	42.49 1.46 0.00	35.16 1.32 0.00	36.90 1.24 0.00	36.40 1.25 0.00	40.99 1.37 0.00	43.30 1.63 0.00	51.12 2.20 0.00	51.43 2.39 0.00	46.63 2.46 0.00	44.07 2.37 0.00	53.47 3.10 0.00	58.21 3.50 0.00	59.35 3.40 0.00	63.89 4.06 0.00	75.29 4.72 0.00	62.89 4.55 0.00
ASTORIA_GT_7 24107	52.10 1.81 0.00	42.49 1.46 0.00	35.16 1.32 0.00	36.90 1.24 0.00	36.40 1.25 0.00	40.99 1.37 0.00	43.30 1.63 0.00	51.12 2.20 0.00	51.43 2.39 0.00	46.63 2.46 0.00	44.07 2.37 0.00	53.47 3.10 0.00	58.21 3.50 0.00	59.35 3.40 0.00	63.89 4.06 0.00	75.29 4.72 0.00	62.89 4.55 0.00
ASTORIA_GT_8 24108	52.10 1.81 0.00	42.49 1.46 0.00	35.16 1.32 0.00	36.90 1.24 0.00	36.40 1.25 0.00	40.99 1.37 0.00	43.30 1.63 0.00	51.12 2.20 0.00	51.43 2.39 0.00	46.63 2.46 0.00	44.07 2.37 0.00	53.47 3.10 0.00	58.21 3.50 0.00	59.35 3.40 0.00	63.89 4.06 0.00	75.29 4.72 0.00	62.89 4.55 0.00
ASTORIA___2 24149	51.99 1.70 0.00	42.40 1.38 0.00	35.09 1.26 0.00	36.82 1.17 0.00	36.33 1.18 0.00	40.90 1.28 0.00	43.21 1.54 0.00	51.01 2.09 0.00	51.31 2.27 0.00	46.52 2.35 0.00	43.96 2.27 0.00	53.32 2.97 0.00	58.05 3.34 0.00	59.18 3.23 0.00	63.71 3.88 0.00	75.08 4.50 0.00	62.72 4.37 0.00
ASTORIA___3 23516	52.09 1.81 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.92 1.27 0.00	36.41 1.26 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.17 4.59 0.00	62.83 4.48 0.00
ASTORIA___4 23517	52.10 1.82 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.33 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.16 4.59 0.00	62.83 4.48 0.00
ASTORIA___5 23518	52.09 1.81 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.92 1.27 0.00	36.41 1.26 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.16 4.59 0.00	62.83 4.48 0.00
AST_ENERGY_2_CC3 323677	52.13 1.84 0.00	42.49 1.46 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.41 1.26 0.00	41.00 1.38 0.00	43.31 1.65 0.00	51.19 2.28 0.00	51.53 2.49 0.00	46.73 2.56 0.00	44.12 2.42 0.00	53.52 3.16 0.00	58.22 3.51 0.00	59.44 3.49 0.00	63.93 4.09 0.00	75.28 4.70 0.00	62.89 4.54 0.00
AST_ENERGY_2_CC4 323678	52.13 1.84 0.00	42.49 1.46 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.41 1.26 0.00	41.00 1.38 0.00	43.31 1.65 0.00	51.19 2.28 0.00	51.53 2.49 0.00	46.73 2.56 0.00	44.12 2.42 0.00	53.52 3.16 0.00	58.22 3.51 0.00	59.44 3.49 0.00	63.93 4.09 0.00	75.28 4.70 0.00	62.89 4.54 0.00

ATHENS_STG_1 23668	50.84 0.56 0.00	41.62 0.60 0.00	34.46 0.62 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.20 0.58 0.00	42.24 0.58 0.00	49.74 0.83 0.00	49.84 0.80 0.00	45.00 0.83 0.00	42.43 0.73 0.00	51.28 0.92 0.00	55.58 0.87 0.00	56.80 0.85 0.00	60.90 1.07 0.00	71.75 1.17 0.00	59.80 1.45 0.00
ATHENS_STG_2 23670	50.84 0.56 0.00	41.62 0.60 0.00	34.46 0.62 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.20 0.58 0.00	42.24 0.58 0.00	49.74 0.83 0.00	49.84 0.80 0.00	45.00 0.83 0.00	42.43 0.73 0.00	51.28 0.92 0.00	55.58 0.87 0.00	56.80 0.85 0.00	60.90 1.07 0.00	71.75 1.17 0.00	59.80 1.45 0.00
ATHENS_STG_3 23677	50.84 0.56 0.00	41.62 0.60 0.00	34.46 0.62 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.20 0.58 0.00	42.24 0.58 0.00	49.74 0.83 0.00	49.84 0.80 0.00	45.00 0.83 0.00	42.43 0.73 0.00	51.28 0.92 0.00	55.58 0.87 0.00	56.80 0.85 0.00	60.90 1.07 0.00	71.75 1.17 0.00	59.80 1.45 0.00
AUBURN___LFGE 323710	50.47 0.18 0.00	40.91 -0.11 0.00	33.66 -0.18 0.00	35.60 -0.06 0.00	35.01 -0.14 0.00	39.88 0.08 -0.18	41.64 -0.02 0.00	48.99 0.08 0.00	49.22 0.19 0.00	44.33 0.15 0.00	41.90 0.20 0.00	53.33 0.17 -2.80	60.37 0.26 -5.40	62.29 0.08 -6.25	59.93 0.09 0.00	70.89 0.32 0.00	58.77 0.42 0.00
BABYLON_RES_REC 323704	51.98 1.70 0.00	42.70 1.67 0.00	35.33 1.49 0.00	37.10 1.44 0.00	36.66 1.51 0.00	41.15 1.53 0.00	43.33 1.67 0.00	51.11 2.20 0.00	51.23 2.19 0.00	46.67 2.50 0.00	43.95 2.25 0.00	53.19 2.83 0.00	58.37 3.66 0.00	59.99 4.04 0.00	64.38 4.54 0.00	75.49 4.92 0.00	63.35 5.01 0.00
BALL_HILL_WT_PWR 323825	48.57 -0.93 0.78	39.41 -1.61 0.00	32.36 -1.48 0.00	32.43 -1.40 1.83	30.93 -1.18 3.04	36.20 -1.15 2.27	40.26 -1.24 0.16	47.62 -1.29 0.00	48.74 -0.30 0.00	44.28 0.10 0.00	42.13 0.44 0.00	50.47 0.11 0.00	55.10 0.39 0.00	56.33 0.38 0.00	60.21 0.38 0.00	71.79 1.21 0.00	59.35 1.00 0.00
BARON_WINDS___WT_PWR 323822	50.03 -0.69 -0.43	39.89 -1.14 0.00	32.79 -1.05 0.00	35.68 -0.99 -1.01	35.97 -0.85 -1.68	40.12 -0.75 -1.26	40.97 -0.78 -0.09	47.94 -0.97 0.00	48.59 -0.45 0.00	43.77 -0.40 0.00	41.47 -0.23 0.00	49.71 -0.65 0.00	54.41 -0.29 0.00	55.31 -0.64 0.00	59.09 -0.74 0.00	70.55 -0.03 0.00	58.24 -0.12 0.00
BARRETT_IC_1 23704	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_10 23701	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_11 23702	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_12 23703	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_2 23705	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_3 23706	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_4 23707	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_5 23708	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00

BARRETT_IC_6 23709	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_7 23710	51.86 1.57 0.00	42.51 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.45 1.30 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.04 2.01 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.03 2.67 0.00	57.98 3.28 0.00	59.38 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_8 23711	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT_IC_9 23700	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT__1 23545	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BARRETT__2 23546	51.84 1.56 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.90 1.25 0.00	36.44 1.29 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.85 1.94 0.00	51.02 1.98 0.00	46.37 2.20 0.00	43.75 2.05 0.00	53.02 2.66 0.00	57.98 3.28 0.00	59.39 3.44 0.00	63.80 3.97 0.00	74.81 4.23 0.00	62.65 4.30 0.00
BATAVIA__115KV_TB1 55881	50.35 0.06 0.00	40.34 -0.68 0.00	33.08 -0.76 0.00	34.92 -0.74 0.00	34.51 -0.64 0.00	39.20 -0.42 0.00	41.36 -0.30 0.00	48.58 -0.33 0.00	49.55 0.51 0.00	44.84 0.67 0.00	42.49 0.79 0.00	50.59 0.23 0.00	55.21 0.50 0.00	56.54 0.58 0.00	60.58 0.75 0.00	72.05 1.48 0.00	59.79 1.44 0.00
BAYONEEC__CTG1 323682	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC__CTG10 323750	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC__CTG2 323683	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC__CTG3 323684	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC__CTG4 323685	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC__CTG5 323686	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC__CTG6 323687	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC__CTG7 323688	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00

BAYONEEC___CTG8 323689	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYONEEC___CTG9 323749	52.15 1.87 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.25 2.34 0.00	51.58 2.54 0.00	46.79 2.62 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.26 3.55 0.00	59.46 3.51 0.00	63.95 4.11 0.00	75.31 4.73 0.00	62.89 4.54 0.00
BAYPORT_69_KV_BK 2 356364	52.29 2.00 0.00	42.91 1.89 0.00	35.53 1.69 0.00	37.32 1.66 0.00	36.95 1.80 0.00	41.41 1.79 0.00	43.56 1.89 0.00	51.35 2.44 0.00	51.52 2.48 0.00	47.09 2.92 0.00	44.33 2.63 0.00	53.69 3.33 0.00	59.00 4.30 0.00	60.87 4.92 0.00	65.55 5.72 0.00	76.26 5.69 0.00	64.04 5.70 0.00
BEACON___LESR 323632	50.74 0.46 0.00	41.68 0.66 0.00	34.52 0.68 0.00	36.41 0.76 0.00	35.88 0.73 0.00	40.31 0.70 0.00	42.14 0.47 0.00	49.54 0.63 0.00	49.49 0.45 0.00	44.53 0.36 0.00	42.02 0.32 0.00	50.69 0.32 0.00	55.06 0.35 0.00	56.28 0.33 0.00	60.36 0.53 0.00	71.34 0.77 0.00	59.19 0.84 0.00
BEAVER RIVER___HYD 24048	52.23 1.95 0.00	42.11 1.08 0.00	34.59 0.75 0.00	36.55 0.89 0.00	35.88 0.74 0.00	43.90 1.02 -3.26	43.05 1.38 -0.01	50.26 1.35 0.00	50.08 1.04 0.00	44.94 0.77 0.00	42.24 0.54 0.00	101.43 0.63 -50.45	152.91 0.95 -97.25	169.93 1.22 -112.76	60.54 0.71 0.00	70.79 0.21 0.00	58.80 0.46 0.00
BEEBEE_GT_13 23619	50.17 -0.11 0.00	40.37 -0.65 0.00	33.16 -0.67 0.00	35.05 -0.61 0.00	34.65 -0.50 0.00	39.20 -0.42 0.00	41.21 -0.45 0.00	48.42 -0.49 0.00	49.27 0.23 0.00	44.66 0.49 0.00	42.43 0.73 0.00	51.03 0.67 0.00	55.73 1.02 0.00	57.15 1.20 0.00	61.21 1.38 0.00	72.58 2.01 0.00	60.13 1.79 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.56 2.28 0.00	42.88 1.85 0.00	35.44 1.60 0.00	37.22 1.56 0.00	36.69 1.55 0.00	41.34 1.72 0.00	43.68 2.01 0.00	51.60 2.69 0.00	51.95 2.91 0.00	47.11 2.94 0.00	44.52 2.83 0.00	53.99 3.63 0.00	58.71 4.00 0.00	59.92 3.97 0.00	64.54 4.71 0.00	76.00 5.43 0.00	63.59 5.24 0.00
BETHLEHEM___GRP 23843	49.87 -0.41 0.00	41.03 0.00 0.00	34.08 0.24 0.00	35.91 0.25 0.00	35.39 0.24 0.00	39.74 0.12 0.00	41.51 -0.16 0.00	48.68 -0.22 0.00	48.63 -0.41 0.00	43.79 -0.38 0.00	41.26 -0.44 0.00	49.81 -0.55 0.00	54.06 -0.65 0.00	55.24 -0.71 0.00	59.26 -0.57 0.00	69.90 -0.67 0.00	58.18 -0.18 0.00
BETHLEHEM___GS1 323560	49.87 -0.42 0.00	41.03 0.00 0.00	34.08 0.24 0.00	35.90 0.24 0.00	35.38 0.23 0.00	39.74 0.12 0.00	41.51 -0.15 0.00	48.69 -0.22 0.00	48.63 -0.41 0.00	43.80 -0.37 0.00	41.25 -0.45 0.00	49.82 -0.54 0.00	54.06 -0.65 0.00	55.24 -0.71 0.00	59.27 -0.57 0.00	69.91 -0.67 0.00	58.18 -0.18 0.00
BETHLEHEM___GS2 323561	49.87 -0.42 0.00	41.03 0.00 0.00	34.08 0.24 0.00	35.90 0.24 0.00	35.38 0.23 0.00	39.74 0.12 0.00	41.51 -0.15 0.00	48.69 -0.22 0.00	48.63 -0.41 0.00	43.80 -0.37 0.00	41.25 -0.45 0.00	49.82 -0.54 0.00	54.06 -0.65 0.00	55.24 -0.71 0.00	59.27 -0.57 0.00	69.91 -0.67 0.00	58.18 -0.18 0.00
BETHLEHEM___GS3 323562	49.87 -0.42 0.00	41.03 0.00 0.00	34.08 0.24 0.00	35.90 0.24 0.00	35.38 0.23 0.00	39.74 0.12 0.00	41.51 -0.15 0.00	48.69 -0.22 0.00	48.63 -0.41 0.00	43.80 -0.37 0.00	41.25 -0.45 0.00	49.82 -0.54 0.00	54.06 -0.65 0.00	55.24 -0.71 0.00	59.27 -0.57 0.00	69.91 -0.67 0.00	58.18 -0.18 0.00
BETHLEHEM___STEEL 23779	49.42 -0.86 0.00	39.50 -1.52 0.00	32.42 -1.42 0.00	34.33 -1.33 0.00	34.00 -1.15 0.00	38.54 -1.08 0.00	40.47 -1.19 0.00	47.59 -1.32 0.00	48.80 -0.24 0.00	44.32 0.15 0.00	42.18 0.49 0.00	50.49 0.13 0.00	55.16 0.45 0.00	56.50 0.55 0.00	60.49 0.66 0.00	71.83 1.25 0.00	59.40 1.06 0.00
BETHLHEM_115KV_TB1 79974	50.02 -0.26 0.00	41.13 0.10 0.00	34.15 0.30 0.00	35.97 0.31 0.00	35.44 0.30 0.00	39.82 0.19 0.00	41.61 -0.05 0.00	48.83 -0.08 0.00	48.78 -0.26 0.00	43.94 -0.23 0.00	41.39 -0.31 0.00	49.98 -0.38 0.00	54.25 -0.46 0.00	55.43 -0.52 0.00	59.45 -0.38 0.00	70.14 -0.44 0.00	58.40 0.05 0.00
BETHPAGE_CC_5 323564	51.79 1.50 0.00	42.56 1.53 0.00	35.19 1.36 0.00	36.96 1.31 0.00	36.51 1.36 0.00	40.99 1.37 0.00	43.12 1.46 0.00	50.87 1.96 0.00	51.04 2.00 0.00	46.48 2.31 0.00	43.80 2.10 0.00	53.00 2.64 0.00	58.08 3.36 0.00	59.54 3.59 0.00	64.01 4.18 0.00	75.07 4.49 0.00	62.95 4.60 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.53 -0.76 0.00	39.58 -1.44 0.00	32.48 -1.36 0.00	34.41 -1.26 0.00	34.07 -1.07 0.00	38.62 -1.00 0.00	40.56 -1.10 0.00	47.72 -1.19 0.00	48.93 -0.11 0.00	44.44 0.27 0.00	42.31 0.61 0.00	50.66 0.30 0.00	55.35 0.64 0.00	56.70 0.74 0.00	60.71 0.88 0.00	72.12 1.55 0.00	59.63 1.29 0.00

BINGHAMTON___COGEN 23790	50.04 -0.24 0.00	40.57 -0.45 0.00	33.45 -0.38 0.00	35.29 -0.37 0.00	34.82 -0.33 0.00	39.32 -0.29 0.00	41.36 -0.30 0.00	48.59 -0.31 0.00	48.89 -0.15 0.00	44.13 -0.04 0.00	41.70 0.01 0.00	50.37 0.01 0.00	54.93 0.22 0.00	56.20 0.25 0.00	60.16 0.32 0.00	71.43 0.85 0.00	59.08 0.73 0.00
BIXINCNT_115KV_LOAD 355685	49.67 -0.62 0.00	39.67 -1.36 0.00	32.50 -1.33 0.00	34.46 -1.20 0.00	34.19 -0.96 0.00	38.84 -0.78 0.00	40.81 -0.85 0.00	48.13 -0.78 0.00	49.34 0.30 0.00	44.86 0.69 0.00	42.68 0.98 0.00	51.07 0.71 0.00	55.70 0.99 0.00	56.88 0.93 0.00	60.96 1.13 0.00	72.68 2.10 0.00	60.10 1.76 0.00
BLACK RIVER___HYD 24047	52.81 2.53 0.00	42.43 1.40 0.00	34.88 1.04 0.00	36.84 1.18 0.00	36.18 1.03 0.00	43.29 1.41 -2.25	43.46 1.79 -0.01	50.71 1.80 0.00	50.52 1.48 0.00	45.30 1.12 0.00	42.46 0.76 0.00	86.12 0.95 -34.81	123.30 1.49 -67.10	135.41 1.66 -77.80	61.17 1.34 0.00	71.40 0.83 0.00	59.40 1.06 0.00
BLACKRVR_115KV_TB2 79977	52.81 2.53 0.00	42.43 1.41 0.00	34.88 1.04 0.00	36.84 1.18 0.00	36.18 1.03 0.00	43.28 1.41 -2.25	43.46 1.79 -0.01	50.71 1.80 0.00	50.52 1.48 0.00	45.30 1.13 0.00	42.46 0.76 0.00	86.12 0.95 -34.81	123.30 1.49 -67.10	135.41 1.66 -77.80	61.18 1.35 0.00	71.40 0.83 0.00	59.40 1.05 0.00
BLISS_WT_PWR 323608	48.75 -0.63 0.90	39.62 -1.40 0.00	32.45 -1.39 0.00	32.28 -1.26 2.13	30.63 -1.00 3.53	36.20 -0.78 2.64	40.62 -0.86 0.18	48.11 -0.80 0.00	49.37 0.33 0.00	44.87 0.70 0.00	42.70 1.00 0.00	51.08 0.72 0.00	55.70 0.99 0.00	56.84 0.89 0.00	60.88 1.05 0.00	72.68 2.10 0.00	60.10 1.76 0.00
BLUESTONE___WT_PWR 323821	52.52 2.06 -0.17	42.40 1.38 0.00	34.95 1.11 0.00	37.28 1.20 -0.41	37.07 1.24 -0.69	41.65 1.51 -0.51	43.36 1.66 -0.04	50.88 1.97 0.00	51.06 2.02 0.00	45.74 1.57 0.00	43.04 1.34 0.00	52.12 1.75 0.00	56.91 2.21 0.00	58.20 2.24 0.00	62.43 2.60 0.00	74.37 3.80 0.00	61.86 3.52 0.00
BLUE_CIRC_CHEM_DRP 24182	50.67 0.39 0.00	41.60 0.58 0.00	34.49 0.65 0.00	36.35 0.69 0.00	35.85 0.70 0.00	40.29 0.67 0.00	42.14 0.47 0.00	49.36 0.45 0.00	49.22 0.19 0.00	44.36 0.19 0.00	41.78 0.08 0.00	50.48 0.12 0.00	54.69 -0.02 0.00	55.78 -0.17 0.00	59.78 -0.06 0.00	70.78 0.20 0.00	58.88 0.53 0.00
BOC_GAS_DRP 24189	50.38 0.10 0.00	41.33 0.31 0.00	34.25 0.41 0.00	36.08 0.43 0.00	35.57 0.42 0.00	39.97 0.35 0.00	41.86 0.20 0.00	49.19 0.28 0.00	49.20 0.16 0.00	44.33 0.16 0.00	41.78 0.08 0.00	50.48 0.12 0.00	54.78 0.07 0.00	55.96 0.01 0.00	59.98 0.15 0.00	70.70 0.13 0.00	58.81 0.47 0.00
BOONVILLE_115KV_TB1 79983	51.87 1.59 0.00	42.06 1.04 0.00	34.64 0.80 0.00	36.54 0.88 0.00	35.93 0.78 0.00	41.89 0.99 -1.27	42.82 1.16 0.00	50.16 1.24 0.00	50.07 1.04 0.00	44.96 0.79 0.00	42.40 0.70 0.00	70.91 0.88 -19.67	93.77 1.13 -37.93	101.24 1.31 -43.98	61.13 1.29 0.00	72.01 1.43 0.00	59.86 1.51 0.00
BORALEX_4TH_BRANCH 23824	51.20 0.92 0.00	42.56 1.53 0.00	35.39 1.55 0.00	37.40 1.74 0.00	36.81 1.66 0.00	41.20 1.58 0.00	42.63 0.97 0.00	50.15 1.25 0.00	49.74 0.71 0.00	44.44 0.27 0.00	41.55 -0.15 0.00	50.39 0.02 0.00	54.61 -0.10 0.00	55.73 -0.22 0.00	59.80 -0.03 0.00	70.52 -0.05 0.00	58.47 0.13 0.00
BOWLINE___1 23526	51.66 1.37 0.00	42.10 1.08 0.00	34.85 1.01 0.00	36.63 0.96 0.00	36.11 0.96 0.00	40.63 1.02 0.00	42.86 1.20 0.00	50.57 1.66 0.00	50.83 1.80 0.00	46.07 1.90 0.00	43.54 1.84 0.00	52.82 2.46 0.00	57.50 2.80 0.00	58.76 2.81 0.00	63.16 3.32 0.00	74.44 3.86 0.00	62.19 3.84 0.00
BOWLINE___2 23595	51.66 1.37 0.00	42.10 1.08 0.00	34.85 1.01 0.00	36.63 0.96 0.00	36.11 0.96 0.00	40.63 1.02 0.00	42.86 1.20 0.00	50.58 1.67 0.00	50.83 1.80 0.00	46.07 1.90 0.00	43.54 1.84 0.00	52.80 2.44 0.00	57.47 2.76 0.00	58.72 2.77 0.00	63.08 3.24 0.00	74.30 3.73 0.00	62.07 3.73 0.00
BRADY___115KV_TB2 356060	51.74 1.46 0.00	42.13 1.10 0.00	34.57 0.73 0.00	36.43 0.77 0.00	35.91 0.76 0.00	51.93 0.97 -11.34	43.06 1.36 -0.03	50.27 1.36 0.00	50.02 0.99 0.00	44.90 0.73 0.00	42.38 0.69 0.00	226.19 0.59 -175.24	392.92 0.38 -337.83	448.34 0.70 -391.70	59.71 -0.13 0.00	70.44 -0.14 0.00	57.69 -0.66 0.00
BRANSCOMB___SOLAR 323811	51.95 1.66 0.00	42.67 1.64 0.00	35.31 1.47 0.00	37.24 1.58 0.00	36.68 1.54 0.00	41.20 1.58 0.00	43.04 1.38 0.00	50.50 1.59 0.00	50.11 1.08 0.00	44.78 0.61 0.00	41.92 0.22 0.00	50.86 0.50 0.00	55.20 0.50 0.00	56.35 0.40 0.00	60.57 0.74 0.00	71.63 1.06 0.00	59.69 1.35 0.00
BRDGHMPT_69_KV_BK1 55812	53.12 2.84 0.00	43.54 2.51 0.00	36.05 2.22 0.00	37.85 2.19 0.00	37.54 2.40 0.00	42.02 2.40 0.00	44.20 2.54 0.00	52.11 3.20 0.00	52.33 3.29 0.00	47.98 3.81 0.00	45.22 3.52 0.00	54.76 4.40 0.00	60.20 5.49 0.00	62.15 6.20 0.00	66.78 6.95 0.00	78.06 7.49 0.00	65.62 7.27 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	52.13 1.84 0.00	42.83 1.81 0.00	35.48 1.64 0.00	37.26 1.61 0.00	36.85 1.71 0.00	41.35 1.72 0.00	43.51 1.85 0.00	51.29 2.38 0.00	51.42 2.38 0.00	46.87 2.70 0.00	44.10 2.41 0.00	53.38 3.02 0.00	58.60 3.89 0.00	60.34 4.38 0.00	64.56 4.72 0.00	75.52 4.95 0.00	63.41 5.06 0.00
BRISTLHL_115KV_TB1 79998	49.27 -1.02 0.00	40.06 -0.97 0.00	33.03 -0.81 0.00	34.81 -0.85 0.00	34.34 -0.81 0.00	39.04 -0.87 -0.29	40.67 -0.99 0.00	47.62 -1.30 0.00	47.80 -1.24 0.00	43.08 -1.09 0.00	40.69 -1.01 0.00	53.59 -1.24 -4.48	62.15 -1.19 -8.63	64.72 -1.23 -10.00	58.65 -1.18 0.00	69.33 -1.25 0.00	57.42 -0.93 0.00
BROOKHAVEN___DRP 24191	51.69 1.40 0.00	42.41 1.39 0.00	35.16 1.32 0.00	36.93 1.27 0.00	36.61 1.47 0.00	40.96 1.34 0.00	43.04 1.38 0.00	50.70 1.79 0.00	50.80 1.76 0.00	46.43 2.26 0.00	43.65 1.95 0.00	52.78 2.42 0.00	57.97 3.27 0.00	59.77 3.82 0.00	64.33 4.50 0.00	75.06 4.48 0.00	63.00 4.64 0.00
BROOKLYN_NAVY_YARD 23515	52.20 1.92 0.00	42.56 1.53 0.00	35.20 1.36 0.00	36.99 1.33 0.00	36.48 1.33 0.00	41.07 1.45 0.00	43.41 1.75 0.00	51.31 2.40 0.00	51.63 2.60 0.00	46.81 2.64 0.00	44.15 2.45 0.00	53.55 3.19 0.00	58.23 3.53 0.00	59.46 3.51 0.00	63.99 4.16 0.00	75.35 4.77 0.00	62.89 4.55 0.00
BROOKLYN___ARMY_DRP 323595	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
BROOME_2_LFGE 323671	50.25 -0.24 -0.21	40.57 -0.45 0.00	33.45 -0.38 0.00	35.78 -0.36 -0.48	35.64 -0.31 -0.80	39.94 -0.28 -0.60	41.41 -0.30 -0.04	48.60 -0.31 0.00	48.89 -0.15 0.00	44.13 -0.04 0.00	41.70 0.00 0.00	50.36 0.00 0.00	54.93 0.22 0.00	56.20 0.25 0.00	60.14 0.31 0.00	71.43 0.85 0.00	59.08 0.74 0.00
BROOME___LFGE 323600	50.25 -0.24 -0.21	40.57 -0.45 0.00	33.45 -0.38 0.00	35.78 -0.36 -0.48	35.64 -0.31 -0.80	39.94 -0.28 -0.60	41.41 -0.30 -0.04	48.60 -0.31 0.00	48.89 -0.15 0.00	44.13 -0.04 0.00	41.70 0.00 0.00	50.36 0.00 0.00	54.93 0.22 0.00	56.20 0.25 0.00	60.14 0.31 0.00	71.43 0.85 0.00	59.08 0.74 0.00
BROWNFLS_115KV_TB 3_5 80003	51.69 1.41 0.00	41.86 0.83 0.00	34.34 0.50 0.00	36.25 0.59 0.00	35.64 0.49 0.00	46.21 0.73 -5.86	42.76 1.08 -0.02	49.95 1.04 0.00	49.80 0.77 0.00	44.73 0.56 0.00	42.10 0.40 0.00	141.38 0.38 -90.64	229.92 0.48 -174.74	259.29 0.74 -202.60	59.80 -0.03 0.00	70.04 -0.54 0.00	57.75 -0.60 0.00
BROWNSV1_27_KV_LOAD 356125	52.59 2.31 0.00	42.85 1.82 0.00	35.44 1.60 0.00	37.23 1.57 0.00	36.70 1.55 0.00	41.34 1.72 0.00	43.68 2.02 0.00	51.65 2.74 0.00	52.02 2.98 0.00	47.18 3.01 0.00	44.57 2.87 0.00	54.07 3.71 0.00	58.81 4.10 0.00	60.05 4.10 0.00	64.61 4.78 0.00	76.10 5.52 0.00	63.53 5.19 0.00
BURROWS___LYONSDAL 23803	51.97 1.69 0.00	42.07 1.05 0.00	34.61 0.77 0.00	36.54 0.88 0.00	35.91 0.75 0.00	42.27 0.99 -1.66	42.86 1.20 0.00	50.17 1.26 0.00	50.08 1.04 0.00	44.96 0.79 0.00	42.35 0.66 0.00	76.90 0.82 -25.71	105.37 1.09 -49.57	114.73 1.31 -57.47	60.99 1.16 0.00	71.74 1.16 0.00	59.63 1.29 0.00
CAITHNESS_CC_1 323624	51.60 1.32 0.00	42.38 1.35 0.00	35.13 1.29 0.00	36.89 1.24 0.00	36.55 1.41 0.00	40.92 1.30 0.00	43.01 1.35 0.00	50.68 1.76 0.00	50.75 1.71 0.00	46.39 2.22 0.00	43.61 1.91 0.00	52.74 2.38 0.00	57.92 3.21 0.00	59.67 3.72 0.00	64.20 4.36 0.00	74.92 4.34 0.00	62.88 4.53 0.00
CALPINE BETH_PAGE_GT4 24209	51.84 1.56 0.00	42.55 1.53 0.00	35.19 1.35 0.00	36.96 1.30 0.00	36.50 1.35 0.00	41.00 1.37 0.00	43.15 1.49 0.00	50.91 2.00 0.00	51.13 2.09 0.00	46.51 2.34 0.00	43.85 2.15 0.00	52.98 2.62 0.00	58.05 3.34 0.00	59.48 3.52 0.00	63.95 4.12 0.00	75.01 4.44 0.00	62.89 4.54 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.82 1.54 0.00	42.55 1.53 0.00	35.19 1.35 0.00	36.95 1.29 0.00	36.50 1.35 0.00	40.99 1.37 0.00	43.15 1.49 0.00	50.90 1.99 0.00	51.10 2.06 0.00	46.51 2.34 0.00	43.85 2.15 0.00	52.98 2.62 0.00	58.05 3.34 0.00	59.49 3.53 0.00	63.95 4.12 0.00	75.01 4.43 0.00	62.89 4.54 0.00
CALPINE_BP_GT1 23823	51.82 1.54 0.00	42.55 1.53 0.00	35.19 1.35 0.00	36.95 1.29 0.00	36.50 1.35 0.00	40.99 1.37 0.00	43.15 1.49 0.00	50.90 1.99 0.00	51.10 2.06 0.00	46.51 2.34 0.00	43.85 2.15 0.00	52.98 2.62 0.00	58.05 3.34 0.00	59.49 3.53 0.00	63.95 4.12 0.00	75.01 4.43 0.00	62.89 4.54 0.00
CALSPAN___DRP 24200	49.42 -0.86 0.00	39.50 -1.52 0.00	32.42 -1.42 0.00	34.33 -1.33 0.00	34.00 -1.15 0.00	38.54 -1.08 0.00	40.47 -1.19 0.00	47.59 -1.32 0.00	48.80 -0.24 0.00	44.32 0.15 0.00	42.18 0.49 0.00	50.49 0.13 0.00	55.16 0.45 0.00	56.50 0.55 0.00	60.49 0.66 0.00	71.83 1.25 0.00	59.40 1.06 0.00

CALVERTON___SOLAR 323806	51.81 1.52 0.00	42.50 1.47 0.00	35.25 1.41 0.00	37.01 1.35 0.00	36.71 1.56 0.00	41.05 1.43 0.00	43.13 1.47 0.00	50.80 1.89 0.00	50.87 1.83 0.00	46.55 2.38 0.00	43.75 2.05 0.00	52.91 2.55 0.00	58.17 3.46 0.00	59.98 4.03 0.00	64.53 4.70 0.00	75.35 4.77 0.00	63.29 4.93 0.00
CANDIGU_WT_PWR 323617	50.03 -0.69 -0.43	39.89 -1.14 0.00	32.79 -1.05 0.00	35.68 -0.99 -1.01	35.97 -0.85 -1.68	40.12 -0.75 -1.26	40.97 -0.78 -0.09	47.94 -0.97 0.00	48.59 -0.45 0.00	43.77 -0.40 0.00	41.47 -0.23 0.00	49.71 -0.65 0.00	54.41 -0.29 0.00	55.31 -0.64 0.00	59.09 -0.74 0.00	70.55 -0.03 0.00	58.24 -0.12 0.00
CARR STREET_E_SYR 24060	49.76 -0.52 0.00	40.43 -0.59 0.00	33.33 -0.50 0.00	35.13 -0.53 0.00	34.66 -0.48 0.00	39.37 -0.50 -0.25	41.06 -0.60 0.00	48.13 -0.78 0.00	48.40 -0.63 0.00	43.67 -0.50 0.00	41.32 -0.38 0.00	53.74 -0.46 -3.84	61.74 -0.37 -7.40	64.23 -0.30 -8.58	59.62 -0.21 0.00	70.52 -0.05 0.00	58.42 0.07 0.00
CARTHAGE___PAPER 23857	52.71 2.42 0.00	42.42 1.39 0.00	34.85 1.02 0.00	36.82 1.16 0.00	36.15 1.00 0.00	43.62 1.36 -2.64	43.41 1.73 -0.01	50.67 1.76 0.00	50.44 1.40 0.00	45.21 1.04 0.00	42.39 0.69 0.00	92.04 0.83 -40.86	134.75 1.28 -78.77	148.79 1.52 -91.33	60.87 1.03 0.00	71.12 0.54 0.00	59.10 0.75 0.00
CASSADAGA_WT_PWR 323784	49.17 -0.26 0.86	39.85 -1.17 0.00	32.75 -1.09 0.00	32.63 -1.02 2.01	31.15 -0.67 3.33	36.47 -0.65 2.50	40.76 -0.73 0.17	48.46 -0.45 0.00	49.65 0.61 0.00	45.28 1.11 0.00	43.10 1.40 0.00	51.60 1.23 0.00	56.17 1.47 0.00	57.25 1.30 0.00	61.08 1.25 0.00	73.14 2.56 0.00	60.65 2.30 0.00
CE_DUNWOOD___DRP 24194	51.90 1.62 0.00	42.31 1.29 0.00	35.01 1.17 0.00	36.80 1.14 0.00	36.28 1.13 0.00	40.84 1.21 0.00	43.06 1.40 0.00	50.86 1.96 0.00	51.13 2.10 0.00	46.34 2.17 0.00	43.78 2.08 0.00	53.09 2.73 0.00	57.79 3.08 0.00	59.05 3.10 0.00	63.49 3.66 0.00	74.79 4.21 0.00	62.43 4.08 0.00
CE_MILLWOOD___DRP 24193	51.79 1.51 0.00	42.23 1.21 0.00	34.95 1.11 0.00	36.75 1.08 0.00	36.23 1.08 0.00	40.76 1.14 0.00	42.98 1.32 0.00	50.75 1.84 0.00	51.00 1.97 0.00	46.22 2.05 0.00	43.67 1.97 0.00	52.96 2.60 0.00	57.64 2.93 0.00	58.90 2.95 0.00	63.33 3.50 0.00	74.59 4.02 0.00	62.30 3.96 0.00
CE_NYC2_DRP 24202	52.13 1.84 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.94 1.28 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.36 1.69 0.00	51.25 2.34 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.18 2.48 0.00	53.59 3.23 0.00	58.25 3.54 0.00	59.42 3.47 0.00	63.94 4.10 0.00	75.23 4.66 0.00	62.89 4.54 0.00
CE_NYC_DRP 24195	52.23 1.94 0.00	42.56 1.54 0.00	35.20 1.36 0.00	36.99 1.33 0.00	36.47 1.33 0.00	41.08 1.46 0.00	43.40 1.73 0.00	51.30 2.39 0.00	51.66 2.62 0.00	46.86 2.69 0.00	44.25 2.55 0.00	53.67 3.31 0.00	58.38 3.67 0.00	59.60 3.65 0.00	64.12 4.29 0.00	75.52 4.94 0.00	63.06 4.71 0.00
CHAFFEE___LFGE 323603	48.77 -0.70 0.82	39.60 -1.43 0.00	32.49 -1.35 0.00	32.51 -1.23 1.92	30.92 -1.05 3.18	36.27 -0.97 2.38	40.42 -1.08 0.16	47.75 -1.16 0.00	48.97 -0.07 0.00	44.44 0.27 0.00	42.31 0.61 0.00	50.68 0.32 0.00	55.39 0.68 0.00	56.76 0.81 0.00	60.72 0.89 0.00	72.26 1.68 0.00	59.75 1.41 0.00
CHATEAUG_35_KV_LOAD 355732	50.78 0.49 0.00	41.47 0.44 0.00	34.02 0.18 0.00	35.84 0.18 0.00	35.33 0.18 0.00	40.57 0.21 -0.74	42.02 0.35 0.00	49.40 0.49 0.00	49.47 0.43 0.00	44.40 0.23 0.00	41.92 0.23 0.00	61.93 0.13 -11.44	76.73 -0.04 -22.06	81.46 -0.06 -25.57	59.31 -0.53 0.00	69.81 -0.77 0.00	57.51 -0.84 0.00
CHATEAUG_WT_PWR 323614	50.70 0.41 0.00	41.40 0.38 0.00	33.98 0.14 0.00	35.80 0.14 0.00	35.28 0.13 0.00	39.79 0.17 0.00	41.94 0.28 0.00	49.37 0.46 0.00	49.45 0.42 0.00	44.39 0.22 0.00	41.90 0.20 0.00	50.48 0.12 0.00	54.67 -0.04 0.00	55.87 -0.08 0.00	59.30 -0.53 0.00	69.81 -0.76 0.00	57.51 -0.84 0.00
CHAT_HIGH_FALL_HYD 323578	50.78 0.49 0.00	41.47 0.44 0.00	34.02 0.18 0.00	35.84 0.18 0.00	35.33 0.18 0.00	40.57 0.21 -0.74	42.02 0.35 0.00	49.40 0.49 0.00	49.47 0.43 0.00	44.40 0.23 0.00	41.92 0.23 0.00	61.93 0.13 -11.44	76.73 -0.04 -22.06	81.46 -0.06 -25.57	59.31 -0.53 0.00	69.81 -0.77 0.00	57.51 -0.84 0.00
CHAUTAUQUA___LFGE 323629	48.80 -0.66 0.82	39.58 -1.44 0.00	32.52 -1.32 0.00	32.50 -1.24 1.93	30.99 -0.97 3.20	36.28 -0.95 2.39	40.48 -1.02 0.17	47.97 -0.94 0.00	49.06 0.03 0.00	44.63 0.46 0.00	42.46 0.76 0.00	50.89 0.53 0.00	55.54 0.83 0.00	56.72 0.77 0.00	60.60 0.77 0.00	72.44 1.87 0.00	59.93 1.59 0.00
CHERRYST_13_KV_LD 356241	52.38 2.09 0.00	42.68 1.66 0.00	35.29 1.46 0.00	37.09 1.43 0.00	36.58 1.43 0.00	41.21 1.59 0.00	43.54 1.88 0.00	51.48 2.57 0.00	51.85 2.81 0.00	47.04 2.88 0.00	44.43 2.73 0.00	53.90 3.54 0.00	58.63 3.93 0.00	59.86 3.91 0.00	64.39 4.56 0.00	75.83 5.25 0.00	63.36 5.01 0.00

CHESTROR_138KV_BK263 355645	51.48 1.20 0.00	41.96 0.94 0.00	34.71 0.88 0.00	36.51 0.85 0.00	35.98 0.84 0.00	40.51 0.89 0.00	42.68 1.02 0.00	50.35 1.44 0.00	50.55 1.52 0.00	45.74 1.57 0.00	43.22 1.52 0.00	52.39 2.03 0.00	57.04 2.33 0.00	58.33 2.38 0.00	62.68 2.85 0.00	73.89 3.31 0.00	61.67 3.32 0.00
CH_MIDHUDSON___DRP 24192	51.74 1.46 0.00	42.25 1.22 0.00	34.95 1.11 0.00	36.76 1.10 0.00	36.23 1.08 0.00	40.76 1.14 0.00	42.93 1.27 0.00	50.68 1.77 0.00	50.88 1.84 0.00	46.03 1.86 0.00	43.47 1.78 0.00	52.66 2.30 0.00	57.29 2.58 0.00	58.60 2.65 0.00	62.98 3.15 0.00	74.25 3.67 0.00	61.96 3.61 0.00
CH_MISC_IPPS 23765	52.11 1.83 0.00	42.50 1.47 0.00	35.16 1.32 0.00	36.97 1.31 0.00	36.44 1.29 0.00	41.02 1.40 0.00	43.22 1.56 0.00	51.01 2.10 0.00	51.24 2.20 0.00	46.37 2.20 0.00	43.82 2.12 0.00	53.10 2.74 0.00	57.81 3.10 0.00	59.17 3.22 0.00	63.65 3.82 0.00	75.11 4.53 0.00	62.72 4.37 0.00
CH_RES_BVR_FALLS 23983	50.31 0.03 0.00	41.02 0.00 0.00	33.79 -0.05 0.00	35.62 -0.05 0.00	35.10 -0.05 0.00	39.36 -0.05 0.21	41.65 -0.01 0.00	48.91 0.00 0.00	49.05 0.01 0.00	44.14 -0.03 0.00	41.69 -0.01 0.00	46.99 -0.05 3.32	48.20 -0.11 6.40	48.42 -0.11 7.42	59.58 -0.25 0.00	70.20 -0.37 0.00	57.99 -0.35 0.00
CH_RES_NIAGARA 23895	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
CH_RES_SYRACUSE 23985	50.03 -0.25 0.00	40.63 -0.39 0.00	33.50 -0.34 0.00	35.33 -0.33 0.00	34.83 -0.31 0.00	39.56 -0.28 -0.21	41.29 -0.37 0.00	48.40 -0.51 0.00	48.61 -0.43 0.00	43.83 -0.34 0.00	41.44 -0.25 0.00	53.36 -0.34 -3.34	60.89 -0.25 -6.43	63.18 -0.23 -7.46	59.68 -0.16 0.00	70.54 -0.03 0.00	58.47 0.13 0.00
CLINTON_WT_PWR 323605	50.70 0.41 0.00	41.40 0.38 0.00	33.98 0.14 0.00	35.80 0.14 0.00	35.28 0.13 0.00	39.79 0.17 0.00	41.94 0.28 0.00	49.37 0.46 0.00	49.45 0.42 0.00	44.39 0.22 0.00	41.90 0.20 0.00	50.48 0.12 0.00	54.67 -0.04 0.00	55.87 -0.08 0.00	59.30 -0.53 0.00	69.81 -0.76 0.00	57.51 -0.84 0.00
CLINTON___LFGE 323618	51.46 1.18 0.00	42.02 0.99 0.00	34.45 0.61 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.29 0.67 0.00	42.49 0.83 0.00	50.05 1.14 0.00	49.93 0.90 0.00	44.74 0.57 0.00	42.19 0.50 0.00	50.87 0.51 0.00	55.03 0.32 0.00	56.23 0.28 0.00	59.60 -0.23 0.00	70.34 -0.23 0.00	58.09 -0.25 0.00
COBBLENY_34_KV_TB1 80064	49.55 -0.73 0.00	39.60 -1.43 0.00	32.49 -1.35 0.00	34.42 -1.24 0.00	34.08 -1.07 0.00	38.64 -0.99 0.00	40.58 -1.08 0.00	47.75 -1.16 0.00	48.95 -0.08 0.00	44.45 0.28 0.00	42.31 0.61 0.00	50.68 0.32 0.00	55.39 0.68 0.00	56.76 0.82 0.00	60.77 0.94 0.00	72.25 1.68 0.00	59.75 1.41 0.00
COFFEEN___115KV_TB3 355620	53.00 2.72 0.00	42.58 1.56 0.00	35.01 1.17 0.00	36.97 1.31 0.00	36.31 1.16 0.00	43.38 1.57 -2.18	43.61 1.94 -0.01	50.89 1.98 0.00	50.68 1.65 0.00	45.38 1.21 0.00	42.54 0.84 0.00	85.15 1.05 -33.74	121.40 1.65 -65.04	133.18 1.83 -75.41	61.40 1.56 0.00	71.67 1.09 0.00	59.63 1.29 0.00
COLDSPRG_115KV_BK1 355956	50.37 0.09 0.00	40.21 -0.82 0.00	33.05 -0.79 0.00	35.00 -0.66 0.00	34.74 -0.41 0.00	39.34 -0.28 0.00	41.37 -0.29 0.00	48.88 -0.03 0.00	50.01 0.97 0.00	45.52 1.35 0.00	43.33 1.63 0.00	51.89 1.53 0.00	56.56 1.85 0.00	57.82 1.87 0.00	61.88 2.05 0.00	73.88 3.30 0.00	61.16 2.81 0.00
COLONIE_LFGE___ 323577	51.10 0.81 0.00	42.09 1.07 0.00	34.90 1.06 0.00	36.81 1.15 0.00	36.25 1.10 0.00	40.69 1.07 0.00	42.43 0.77 0.00	49.87 0.96 0.00	49.65 0.61 0.00	44.52 0.35 0.00	41.79 0.09 0.00	50.63 0.27 0.00	54.93 0.22 0.00	56.09 0.14 0.00	60.22 0.39 0.00	71.06 0.48 0.00	59.10 0.76 0.00
COOPERNY_115KV_TB1 80082	51.11 0.83 0.00	41.65 0.62 0.00	34.43 0.59 0.00	36.23 0.57 0.00	35.71 0.56 0.00	40.20 0.58 0.00	42.34 0.68 0.00	49.88 0.97 0.00	50.08 1.05 0.00	45.27 1.10 0.00	42.78 1.08 0.00	51.81 1.45 0.00	56.39 1.69 0.00	57.69 1.74 0.00	61.89 2.05 0.00	72.99 2.42 0.00	60.79 2.45 0.00
COPENHAGEN_WT_PWR 323753	52.38 2.09 0.00	42.03 1.01 0.00	34.58 0.74 0.00	36.53 0.87 0.00	35.85 0.70 0.00	42.72 1.04 -2.06	43.10 1.43 0.00	50.29 1.38 0.00	50.21 1.17 0.00	45.07 0.90 0.00	42.29 0.60 0.00	82.93 0.73 -31.84	117.29 1.21 -61.38	128.47 1.36 -71.16	60.80 0.96 0.00	70.87 0.29 0.00	59.05 0.71 0.00
CORNELL_____ 23752	50.88 0.60 0.00	41.25 0.22 0.00	33.99 0.15 0.00	35.84 0.18 0.00	35.35 0.20 0.00	39.96 0.34 0.00	42.06 0.40 0.00	49.52 0.61 0.00	49.62 0.59 0.00	44.55 0.37 0.00	41.99 0.29 0.00	50.70 0.34 0.00	55.22 0.51 0.00	56.53 0.57 0.00	60.59 0.76 0.00	71.66 1.09 0.00	59.37 1.02 0.00

CORONAAV_69_KV_TB1 355595	52.27 1.98 0.00	42.79 1.76 0.00	35.36 1.52 0.00	37.14 1.48 0.00	36.66 1.51 0.00	41.20 1.58 0.00	43.43 1.77 0.00	51.23 2.32 0.00	51.47 2.43 0.00	46.77 2.60 0.00	44.19 2.49 0.00	53.59 3.23 0.00	58.55 3.84 0.00	59.98 4.03 0.00	64.47 4.64 0.00	75.73 5.16 0.00	63.42 5.07 0.00
CORTLAND_115KV_TB3 80093	50.53 0.24 0.00	41.04 0.01 0.00	33.82 -0.01 0.00	35.66 0.00 0.00	35.17 0.03 0.00	39.93 0.09 -0.21	41.77 0.11 0.00	49.20 0.29 0.00	49.30 0.27 0.00	44.31 0.14 0.00	41.84 0.14 0.00	53.93 0.16 -3.40	61.62 0.35 -6.56	64.00 0.44 -7.61	60.40 0.56 0.00	71.53 0.95 0.00	59.24 0.90 0.00
COXSACKIE___GT 23611	52.47 2.19 0.00	43.03 2.00 0.00	35.65 1.81 0.00	37.53 1.87 0.00	37.01 1.86 0.00	41.65 2.02 0.00	43.63 1.97 0.00	51.24 2.33 0.00	50.86 1.82 0.00	45.38 1.21 0.00	42.54 0.84 0.00	51.45 1.09 0.00	55.87 1.16 0.00	57.19 1.24 0.00	61.56 1.72 0.00	73.07 2.50 0.00	61.39 3.05 0.00
CPV_VALLEY___CC1 323721	51.11 0.83 0.00	41.67 0.65 0.00	34.48 0.64 0.00	36.26 0.61 0.00	35.75 0.60 0.00	40.23 0.61 0.00	42.39 0.73 0.00	49.98 1.07 0.00	50.18 1.14 0.00	45.40 1.23 0.00	42.90 1.20 0.00	51.99 1.62 0.00	56.58 1.87 0.00	57.85 1.90 0.00	62.13 2.30 0.00	73.23 2.66 0.00	61.08 2.74 0.00
CPV_VALLEY___CC2 323722	51.11 0.83 0.00	41.67 0.65 0.00	34.48 0.64 0.00	36.26 0.61 0.00	35.75 0.60 0.00	40.23 0.61 0.00	42.39 0.73 0.00	49.98 1.07 0.00	50.18 1.14 0.00	45.40 1.23 0.00	42.90 1.20 0.00	51.99 1.62 0.00	56.58 1.87 0.00	57.85 1.90 0.00	62.13 2.30 0.00	73.23 2.66 0.00	61.08 2.74 0.00
CRESCENT___HYD 24018	51.10 0.81 0.00	42.09 1.07 0.00	34.90 1.06 0.00	36.81 1.15 0.00	36.25 1.10 0.00	40.69 1.07 0.00	42.43 0.77 0.00	49.87 0.96 0.00	49.65 0.61 0.00	44.52 0.35 0.00	41.79 0.09 0.00	50.63 0.27 0.00	54.93 0.22 0.00	56.09 0.14 0.00	60.22 0.39 0.00	71.06 0.48 0.00	59.10 0.76 0.00
CRICKET___VALLEY_CC1 323756	50.95 0.67 0.00	41.67 0.64 0.00	34.48 0.64 0.00	36.29 0.63 0.00	35.74 0.59 0.00	40.20 0.58 0.00	42.31 0.65 0.00	49.96 1.05 0.00	50.12 1.08 0.00	6.53 1.13 38.77	34.03 1.08 8.75	12.78 1.50 39.09	-5.04 1.66 61.40	-5.04 1.65 62.63	-4.19 2.06 66.08	13.13 2.31 59.75	60.85 2.51 0.00
CRICKET___VALLEY_CC2 323757	50.95 0.67 0.00	41.67 0.64 0.00	34.48 0.64 0.00	36.29 0.63 0.00	35.74 0.59 0.00	40.20 0.58 0.00	42.31 0.65 0.00	49.96 1.05 0.00	50.12 1.08 0.00	6.53 1.13 38.77	34.03 1.08 8.75	12.78 1.50 39.09	-5.04 1.66 61.40	-5.04 1.65 62.63	-4.19 2.06 66.08	13.13 2.31 59.75	60.85 2.51 0.00
CRICKET___VALLEY_CC3 323758	50.95 0.67 0.00	41.67 0.64 0.00	34.48 0.64 0.00	36.29 0.63 0.00	35.74 0.59 0.00	40.20 0.58 0.00	42.31 0.65 0.00	49.96 1.05 0.00	50.12 1.08 0.00	6.53 1.13 38.77	34.03 1.08 8.75	12.78 1.50 39.09	-5.04 1.66 61.40	-5.04 1.65 62.63	-4.19 2.06 66.08	13.13 2.31 59.75	60.85 2.51 0.00
CRUCIBLE_METL_DRP 24180	50.03 -0.25 0.00	40.63 -0.39 0.00	33.50 -0.34 0.00	35.33 -0.33 0.00	34.83 -0.32 0.00	39.55 -0.28 -0.21	41.29 -0.37 0.00	48.40 -0.51 0.00	48.61 -0.43 0.00	43.83 -0.34 0.00	41.44 -0.25 0.00	53.36 -0.34 -3.34	60.89 -0.25 -6.43	63.18 -0.22 -7.46	59.68 -0.15 0.00	70.54 -0.03 0.00	58.47 0.13 0.00
DAHOWA___HYDRO 323763	52.24 1.95 0.00	42.87 1.85 0.00	35.47 1.64 0.00	37.40 1.74 0.00	36.85 1.70 0.00	41.39 1.77 0.00	43.25 1.59 0.00	50.74 1.83 0.00	50.33 1.29 0.00	44.92 0.74 0.00	42.02 0.33 0.00	50.99 0.63 0.00	55.37 0.66 0.00	56.49 0.54 0.00	60.77 0.94 0.00	71.90 1.32 0.00	59.98 1.63 0.00
DANC___LFGE 323619	51.23 0.95 0.00	41.30 0.28 0.00	34.01 0.17 0.00	35.90 0.24 0.00	35.29 0.14 0.00	41.35 0.34 -1.39	42.19 0.52 0.00	49.30 0.39 0.00	49.31 0.27 0.00	44.32 0.15 0.00	41.69 0.00 0.00	71.78 0.00 -21.41	96.27 0.29 -41.28	104.19 0.39 -47.86	59.95 0.12 0.00	70.22 -0.36 0.00	58.29 -0.06 0.00
DANSKAMMER___1 23586	52.11 1.83 0.00	42.50 1.47 0.00	35.16 1.32 0.00	36.97 1.31 0.00	36.44 1.29 0.00	41.02 1.40 0.00	43.22 1.56 0.00	51.01 2.10 0.00	51.24 2.20 0.00	46.37 2.20 0.00	43.82 2.12 0.00	53.10 2.74 0.00	57.81 3.10 0.00	59.17 3.22 0.00	63.65 3.82 0.00	75.11 4.53 0.00	62.72 4.37 0.00
DANSKAMMER___2 23589	52.11 1.83 0.00	42.50 1.47 0.00	35.16 1.32 0.00	36.97 1.31 0.00	36.44 1.29 0.00	41.02 1.40 0.00	43.22 1.56 0.00	51.01 2.10 0.00	51.24 2.20 0.00	46.37 2.20 0.00	43.82 2.12 0.00	53.10 2.74 0.00	57.81 3.10 0.00	59.17 3.22 0.00	63.65 3.82 0.00	75.11 4.53 0.00	62.72 4.37 0.00
DANSKAMMER___3 23590	52.11 1.83 0.00	42.50 1.47 0.00	35.16 1.32 0.00	36.97 1.31 0.00	36.44 1.29 0.00	41.02 1.40 0.00	43.22 1.56 0.00	51.01 2.10 0.00	51.24 2.20 0.00	46.37 2.20 0.00	43.82 2.12 0.00	53.10 2.74 0.00	57.81 3.10 0.00	59.17 3.22 0.00	63.65 3.82 0.00	75.11 4.53 0.00	62.72 4.37 0.00

DANSKAMMER___4 23591	52.11 1.83 0.00	42.50 1.47 0.00	35.16 1.32 0.00	36.97 1.31 0.00	36.44 1.29 0.00	41.02 1.40 0.00	43.22 1.56 0.00	51.01 2.10 0.00	51.24 2.20 0.00	46.37 2.20 0.00	43.82 2.12 0.00	53.10 2.74 0.00	57.81 3.10 0.00	59.17 3.22 0.00	63.65 3.82 0.00	75.11 4.53 0.00	62.72 4.37 0.00
DANSKAMMER___DIESEL 23592	52.12 1.84 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.97 1.31 0.00	36.44 1.29 0.00	41.02 1.40 0.00	43.22 1.56 0.00	51.01 2.10 0.00	51.24 2.21 0.00	46.38 2.21 0.00	43.82 2.12 0.00	53.10 2.74 0.00	57.81 3.10 0.00	59.17 3.22 0.00	63.65 3.82 0.00	75.11 4.53 0.00	62.71 4.37 0.00
DARBY___SOLAR 323810	51.95 1.66 0.00	42.66 1.63 0.00	35.30 1.47 0.00	37.23 1.57 0.00	36.67 1.52 0.00	41.19 1.57 0.00	43.03 1.36 0.00	50.50 1.59 0.00	50.14 1.10 0.00	44.78 0.61 0.00	41.91 0.21 0.00	50.83 0.47 0.00	55.19 0.49 0.00	56.34 0.39 0.00	60.55 0.72 0.00	71.63 1.05 0.00	59.69 1.35 0.00
DASHVILLE___HYD 23610	51.50 1.21 0.00	42.03 1.00 0.00	34.76 0.92 0.00	36.55 0.89 0.00	36.03 0.88 0.00	40.54 0.92 0.00	42.70 1.04 0.00	50.44 1.53 0.00	50.67 1.63 0.00	45.82 1.65 0.00	43.24 1.55 0.00	52.35 1.99 0.00	56.92 2.22 0.00	58.27 2.32 0.00	62.69 2.85 0.00	73.76 3.19 0.00	61.60 3.26 0.00
DELAWARE___LFGE 323621	51.03 0.74 0.00	41.55 0.52 0.00	34.30 0.47 0.00	36.13 0.47 0.00	35.64 0.49 0.00	40.16 0.54 0.00	42.25 0.59 0.00	49.69 0.77 0.00	49.88 0.84 0.00	45.02 0.85 0.00	42.52 0.82 0.00	51.43 1.07 0.00	55.94 1.24 0.00	57.19 1.23 0.00	61.23 1.40 0.00	72.32 1.74 0.00	60.11 1.76 0.00
DERFIELD_115KV_TB7 355931	50.33 0.05 0.00	41.11 0.08 0.00	33.94 0.10 0.00	35.77 0.11 0.00	35.25 0.10 0.00	39.97 0.09 -0.25	41.70 0.04 0.00	48.95 0.04 0.00	49.02 -0.02 0.00	44.13 -0.04 0.00	41.65 -0.04 0.00	54.24 -0.05 -3.92	62.24 -0.03 -7.56	64.68 -0.04 -8.77	59.88 0.05 0.00	70.66 0.08 0.00	58.58 0.23 0.00
DOGLEVILLE___HYD 23807	50.86 0.57 0.00	41.76 0.74 0.00	34.62 0.79 0.00	36.48 0.82 0.00	35.95 0.81 0.00	40.70 0.83 -0.25	42.17 0.51 0.00	49.15 0.24 0.00	48.60 -0.44 0.00	43.15 -1.02 0.00	40.54 -1.15 0.00	53.13 -1.16 -3.92	61.09 -1.18 -7.56	63.46 -1.26 -8.77	58.85 -0.98 0.00	69.63 -0.95 0.00	58.05 -0.29 0.00
DUNKIRK___115KV_TB_200 55889	49.51 -0.77 0.00	39.52 -1.50 0.00	32.47 -1.36 0.00	34.37 -1.29 0.00	34.10 -1.05 0.00	38.60 -1.02 0.00	40.58 -1.08 0.00	47.88 -1.03 0.00	48.94 -0.09 0.00	44.54 0.37 0.00	42.37 0.67 0.00	50.78 0.42 0.00	55.44 0.73 0.00	56.65 0.70 0.00	60.58 0.74 0.00	72.36 1.78 0.00	59.82 1.48 0.00
DUNKIRK___1 23563	49.51 -0.77 0.00	39.52 -1.50 0.00	32.47 -1.36 0.00	34.37 -1.29 0.00	34.10 -1.05 0.00	38.60 -1.02 0.00	40.58 -1.08 0.00	47.88 -1.03 0.00	48.94 -0.09 0.00	44.54 0.37 0.00	42.37 0.67 0.00	50.78 0.42 0.00	55.44 0.73 0.00	56.65 0.70 0.00	60.58 0.74 0.00	72.36 1.78 0.00	59.82 1.48 0.00
DUNKIRK___2 23564	49.51 -0.77 0.00	39.52 -1.50 0.00	32.47 -1.36 0.00	34.37 -1.29 0.00	34.10 -1.05 0.00	38.60 -1.02 0.00	40.58 -1.08 0.00	47.88 -1.03 0.00	48.94 -0.09 0.00	44.54 0.37 0.00	42.37 0.67 0.00	50.78 0.42 0.00	55.44 0.73 0.00	56.65 0.70 0.00	60.58 0.74 0.00	72.36 1.78 0.00	59.82 1.48 0.00
DUNKIRK___3 23565	49.35 -0.93 0.00	39.43 -1.60 0.00	32.39 -1.45 0.00	34.28 -1.38 0.00	33.98 -1.17 0.00	38.49 -1.14 0.00	40.45 -1.21 0.00	47.68 -1.23 0.00	48.74 -0.29 0.00	44.31 0.14 0.00	42.17 0.47 0.00	50.53 0.17 0.00	55.19 0.48 0.00	56.42 0.47 0.00	60.36 0.53 0.00	71.97 1.39 0.00	59.48 1.12 0.00
DUNKIRK___4 23566	49.35 -0.93 0.00	39.43 -1.60 0.00	32.39 -1.45 0.00	34.28 -1.38 0.00	33.98 -1.17 0.00	38.49 -1.14 0.00	40.45 -1.21 0.00	47.68 -1.23 0.00	48.74 -0.29 0.00	44.31 0.14 0.00	42.17 0.47 0.00	50.53 0.17 0.00	55.19 0.48 0.00	56.42 0.47 0.00	60.36 0.53 0.00	71.97 1.39 0.00	59.48 1.12 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.96 1.68 0.00	42.38 1.36 0.00	35.06 1.22 0.00	36.85 1.19 0.00	36.33 1.19 0.00	40.90 1.28 0.00	43.13 1.47 0.00	50.95 2.04 0.00	51.23 2.19 0.00	46.45 2.28 0.00	43.88 2.19 0.00	53.21 2.85 0.00	57.91 3.21 0.00	59.16 3.22 0.00	63.62 3.79 0.00	74.93 4.36 0.00	62.54 4.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.78 1.50 0.00	42.21 1.18 0.00	34.92 1.08 0.00	36.72 1.06 0.00	36.19 1.04 0.00	40.74 1.12 0.00	42.93 1.27 0.00	50.66 1.75 0.00	50.87 1.83 0.00	46.03 1.86 0.00	43.48 1.79 0.00	52.71 2.35 0.00	57.37 2.67 0.00	58.71 2.76 0.00	63.13 3.30 0.00	74.45 3.87 0.00	62.14 3.79 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	52.17 1.88 0.00	42.56 1.53 0.00	35.21 1.38 0.00	36.97 1.31 0.00	36.46 1.31 0.00	41.07 1.45 0.00	43.37 1.71 0.00	51.19 2.28 0.00	51.48 2.45 0.00	46.62 2.45 0.00	44.05 2.35 0.00	53.41 3.05 0.00	58.13 3.42 0.00	59.34 3.39 0.00	63.88 4.04 0.00	75.23 4.65 0.00	62.89 4.54 0.00

E179THST_13_KV_LOAD 356214	52.45 2.17 0.00	42.78 1.76 0.00	35.39 1.55 0.00	37.15 1.49 0.00	36.64 1.50 0.00	41.27 1.65 0.00	43.58 1.92 0.00	51.47 2.56 0.00	51.77 2.73 0.00	46.90 2.73 0.00	44.31 2.61 0.00	53.75 3.39 0.00	58.49 3.78 0.00	59.70 3.75 0.00	64.27 4.44 0.00	75.73 5.16 0.00	63.30 4.95 0.00
EAST HAMPTON___GT 23717	53.57 3.29 0.00	43.95 2.92 0.00	36.38 2.54 0.00	38.18 2.52 0.00	37.86 2.71 0.00	42.40 2.78 0.00	44.65 2.99 0.00	52.65 3.74 0.00	52.88 3.85 0.00	48.53 4.36 0.00	45.77 4.07 0.00	55.43 5.07 0.00	60.94 6.23 0.00	62.89 6.94 0.00	67.49 7.66 0.00	78.80 8.22 0.00	66.19 7.85 0.00
EAST RIVER___6 23660	52.31 2.02 0.00	42.64 1.62 0.00	35.23 1.39 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.12 1.50 0.00	43.41 1.75 0.00	51.30 2.39 0.00	51.70 2.67 0.00	46.94 2.77 0.00	44.31 2.62 0.00	53.77 3.41 0.00	58.48 3.78 0.00	59.72 3.77 0.00	64.30 4.47 0.00	75.72 5.15 0.00	63.24 4.90 0.00
EAST RIVER___7 23524	52.31 2.02 0.00	42.64 1.62 0.00	35.23 1.39 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.12 1.50 0.00	43.41 1.75 0.00	51.30 2.39 0.00	51.70 2.67 0.00	46.94 2.77 0.00	44.31 2.62 0.00	53.77 3.41 0.00	58.48 3.78 0.00	59.72 3.77 0.00	64.30 4.47 0.00	75.72 5.15 0.00	63.24 4.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.90 1.62 0.00	42.31 1.29 0.00	35.01 1.17 0.00	36.80 1.14 0.00	36.28 1.13 0.00	40.84 1.21 0.00	43.06 1.40 0.00	50.86 1.96 0.00	51.13 2.10 0.00	46.34 2.17 0.00	43.78 2.08 0.00	53.09 2.73 0.00	57.79 3.08 0.00	59.05 3.10 0.00	63.49 3.66 0.00	74.79 4.21 0.00	62.43 4.08 0.00
EAST_HAMPTON___DIESEL 23722	53.59 3.31 0.00	43.96 2.93 0.00	36.39 2.55 0.00	38.19 2.53 0.00	37.87 2.72 0.00	42.42 2.80 0.00	44.65 2.99 0.00	52.66 3.75 0.00	52.90 3.87 0.00	48.54 4.37 0.00	45.78 4.08 0.00	55.45 5.08 0.00	60.94 6.24 0.00	62.92 6.97 0.00	67.51 7.67 0.00	78.82 8.25 0.00	66.25 7.90 0.00
EAST_POINT___SOLAR 323840	53.21 2.92 0.00	43.19 2.17 0.00	35.50 1.66 0.00	37.40 1.74 0.00	36.87 1.72 0.00	41.70 2.07 0.00	43.83 2.16 0.00	49.94 1.03 0.00	49.18 0.14 0.00	43.91 -0.25 0.00	41.36 -0.34 0.00	50.18 -0.18 0.00	54.36 -0.35 0.00	55.60 -0.35 0.00	59.60 -0.23 0.00	70.37 -0.21 0.00	58.47 0.12 0.00
EAST_PULASKI___ESR 323781	50.15 -0.14 0.00	40.64 -0.39 0.00	33.50 -0.34 0.00	35.31 -0.35 0.00	34.78 -0.37 0.00	40.02 -0.32 -0.72	41.33 -0.33 0.00	48.34 -0.57 0.00	48.46 -0.58 0.00	43.60 -0.57 0.00	41.14 -0.56 0.00	60.86 -0.68 -11.18	75.67 -0.59 -21.56	80.39 -0.55 -24.99	59.10 -0.74 0.00	69.49 -1.09 0.00	57.53 -0.81 0.00
EAST_RIVER___1 323558	52.22 1.93 0.00	42.56 1.54 0.00	35.20 1.36 0.00	36.98 1.33 0.00	36.47 1.32 0.00	41.07 1.45 0.00	43.40 1.73 0.00	51.30 2.39 0.00	51.65 2.61 0.00	46.86 2.69 0.00	44.25 2.55 0.00	53.67 3.31 0.00	58.38 3.67 0.00	59.60 3.66 0.00	64.11 4.28 0.00	75.52 4.94 0.00	63.06 4.71 0.00
EAST_RIVER___2 323559	52.31 2.02 0.00	42.64 1.62 0.00	35.23 1.39 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.12 1.50 0.00	43.41 1.75 0.00	51.30 2.39 0.00	51.70 2.67 0.00	46.94 2.77 0.00	44.31 2.62 0.00	53.77 3.41 0.00	58.48 3.78 0.00	59.72 3.77 0.00	64.30 4.47 0.00	75.72 5.15 0.00	63.24 4.90 0.00
EAST___DELAWARE_HYD 23607	51.25 0.97 0.00	41.73 0.70 0.00	34.48 0.64 0.00	36.24 0.58 0.00	35.71 0.56 0.00	40.21 0.59 0.00	42.39 0.73 0.00	50.03 1.12 0.00	50.20 1.16 0.00	45.39 1.22 0.00	42.86 1.16 0.00	51.89 1.53 0.00	56.54 1.84 0.00	58.17 2.22 0.00	62.40 2.57 0.00	73.50 2.93 0.00	61.42 3.07 0.00
EIGHT_POINT___WT_PWR 323820	50.38 0.10 0.00	40.44 -0.59 0.00	33.23 -0.61 0.00	35.13 -0.53 0.00	34.79 -0.36 0.00	39.43 -0.18 0.00	41.52 -0.14 0.00	48.54 -0.37 0.00	49.25 0.21 0.00	44.38 0.21 0.00	41.98 0.29 0.00	50.29 -0.07 0.00	55.08 0.37 0.00	55.88 -0.07 0.00	59.69 -0.14 0.00	71.38 0.80 0.00	59.04 0.70 0.00
ELBRIDGE_115KV_TB2 80188	49.73 -0.55 0.00	40.40 -0.63 0.00	33.28 -0.56 0.00	35.13 -0.53 0.00	34.61 -0.54 0.00	39.31 -0.50 -0.19	41.06 -0.60 0.00	48.17 -0.75 0.00	48.40 -0.64 0.00	43.64 -0.53 0.00	41.25 -0.45 0.00	52.78 -0.59 -3.01	59.97 -0.53 -5.79	62.09 -0.57 -6.72	59.26 -0.58 0.00	70.07 -0.50 0.00	58.01 -0.33 0.00
ELEC_TRO_TEK 24086	51.90 1.62 0.00	42.54 1.51 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.47 1.32 0.00	40.97 1.35 0.00	43.18 1.52 0.00	50.94 2.03 0.00	51.18 2.14 0.00	46.50 2.33 0.00	43.91 2.21 0.00	53.21 2.85 0.00	58.16 3.45 0.00	59.55 3.60 0.00	64.00 4.17 0.00	75.15 4.57 0.00	62.95 4.60 0.00
ELLENBURG_WT_PWR 323604	50.70 0.41 0.00	41.40 0.38 0.00	33.98 0.14 0.00	35.80 0.14 0.00	35.28 0.13 0.00	39.79 0.17 0.00	41.94 0.28 0.00	49.37 0.46 0.00	49.45 0.42 0.00	44.39 0.22 0.00	41.90 0.20 0.00	50.48 0.12 0.00	54.67 -0.04 0.00	55.87 -0.08 0.00	59.30 -0.53 0.00	69.81 -0.76 0.00	57.51 -0.84 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.18 -1.11 0.00	39.32 -1.70 0.00	32.27 -1.56 0.00	34.17 -1.49 0.00	33.85 -1.29 0.00	38.36 -1.26 0.00	40.29 -1.38 0.00	47.36 -1.55 0.00	48.56 -0.48 0.00	44.13 -0.04 0.00	42.00 0.30 0.00	50.25 -0.11 0.00	54.86 0.15 0.00	56.18 0.23 0.00	60.14 0.31 0.00	71.34 0.76 0.00	58.99 0.64 0.00
EMPIRE_CC_1 323656	50.10 -0.18 0.00	41.38 0.35 0.00	34.45 0.61 0.00	36.34 0.68 0.00	35.76 0.61 0.00	40.04 0.42 0.00	41.63 -0.03 0.00	48.92 0.01 0.00	48.71 -0.32 0.00	43.74 -0.43 0.00	41.02 -0.68 0.00	49.68 -0.68 0.00	53.87 -0.84 0.00	54.98 -0.97 0.00	59.01 -0.82 0.00	69.51 -1.06 0.00	57.76 -0.59 0.00
EMPIRE_CC_2 323658	50.10 -0.18 0.00	41.38 0.35 0.00	34.45 0.61 0.00	36.34 0.68 0.00	35.76 0.61 0.00	40.04 0.42 0.00	41.63 -0.03 0.00	48.92 0.01 0.00	48.71 -0.32 0.00	43.74 -0.43 0.00	41.02 -0.68 0.00	49.68 -0.68 0.00	53.87 -0.84 0.00	54.98 -0.97 0.00	59.01 -0.82 0.00	69.51 -1.06 0.00	57.76 -0.59 0.00
ENORWICH_115KV_TB1 80156	53.39 3.10 0.00	43.20 2.18 0.00	35.59 1.75 0.00	37.55 1.89 0.00	37.07 1.93 0.00	41.97 2.35 0.00	44.22 2.56 0.00	51.90 2.99 0.00	51.84 2.80 0.00	46.08 1.91 0.00	43.08 1.38 0.00	52.31 1.95 0.00	57.05 2.34 0.00	58.40 2.45 0.00	62.63 2.80 0.00	74.76 4.18 0.00	62.48 4.13 0.00
ERIE_ST__34_KV_TB1-2 80199	49.67 -0.61 0.00	39.68 -1.34 0.00	32.56 -1.28 0.00	34.49 -1.17 0.00	34.15 -1.00 0.00	38.71 -0.91 0.00	40.67 -1.00 0.00	47.84 -1.07 0.00	49.05 0.01 0.00	44.57 0.40 0.00	42.45 0.75 0.00	50.87 0.51 0.00	55.56 0.85 0.00	56.96 1.01 0.00	61.05 1.22 0.00	72.61 2.03 0.00	60.04 1.70 0.00
ERIE_WT_PWR 323693	48.74 -0.81 0.73	39.51 -1.51 0.00	32.42 -1.42 0.00	32.63 -1.31 1.72	31.18 -1.12 2.85	36.44 -1.05 2.13	40.35 -1.16 0.15	47.63 -1.28 0.00	48.84 -0.19 0.00	44.34 0.17 0.00	42.22 0.53 0.00	50.52 0.16 0.00	55.17 0.46 0.00	56.50 0.55 0.00	60.47 0.63 0.00	71.84 1.27 0.00	59.41 1.05 0.00
ESPRGFLD_115KV_TB1 80157	52.30 2.01 0.00	42.33 1.30 0.00	34.75 0.92 0.00	36.61 0.94 0.00	36.09 0.94 0.00	40.81 1.19 0.00	43.16 1.50 0.00	50.50 1.59 0.00	50.61 1.57 0.00	45.66 1.49 0.00	43.16 1.46 0.00	52.22 1.86 0.00	56.79 2.08 0.00	58.07 2.12 0.00	62.13 2.29 0.00	73.38 2.81 0.00	60.81 2.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.80 0.52 0.00	41.20 0.18 0.00	33.95 0.11 0.00	35.81 0.14 0.00	35.31 0.16 0.00	39.92 0.30 0.00	41.99 0.33 0.00	49.47 0.56 0.00	49.57 0.54 0.00	44.50 0.33 0.00	41.96 0.26 0.00	50.67 0.31 0.00	55.21 0.50 0.00	56.47 0.52 0.00	60.53 0.69 0.00	71.62 1.05 0.00	59.36 1.02 0.00
ETNA____115KV_TB2 80207	50.80 0.52 0.00	41.20 0.18 0.00	33.95 0.11 0.00	35.81 0.14 0.00	35.31 0.16 0.00	39.92 0.30 0.00	41.99 0.33 0.00	49.47 0.56 0.00	49.57 0.54 0.00	44.50 0.33 0.00	41.96 0.26 0.00	50.67 0.31 0.00	55.21 0.50 0.00	56.47 0.52 0.00	60.53 0.69 0.00	71.62 1.05 0.00	59.36 1.02 0.00
EUCLID____115KV_TB2 356179	49.55 -0.73 0.00	40.27 -0.75 0.00	33.20 -0.64 0.00	35.00 -0.66 0.00	34.52 -0.62 0.00	39.21 -0.66 -0.25	40.88 -0.78 0.00	47.90 -1.01 0.00	48.17 -0.86 0.00	43.45 -0.72 0.00	41.10 -0.60 0.00	53.55 -0.75 -3.94	61.61 -0.68 -7.59	64.11 -0.64 -8.80	59.26 -0.57 0.00	70.07 -0.50 0.00	58.01 -0.33 0.00
E_CANADA_CAP_HY 24051	52.88 2.60 0.00	42.86 1.83 0.00	35.19 1.35 0.00	37.07 1.40 0.00	36.54 1.39 0.00	41.31 1.69 0.00	43.64 1.98 0.00	50.72 1.81 0.00	50.47 1.44 0.00	45.38 1.21 0.00	42.83 1.13 0.00	51.78 1.41 0.00	56.18 1.48 0.00	57.48 1.53 0.00	61.54 1.70 0.00	72.56 1.99 0.00	60.21 1.87 0.00
E_CANADA_MHWK_HY 24050	50.86 0.58 0.00	41.76 0.74 0.00	34.62 0.79 0.00	36.47 0.82 0.00	35.95 0.81 0.00	40.70 0.83 -0.25	42.17 0.51 0.00	49.15 0.24 0.00	48.60 -0.44 0.00	43.15 -1.02 0.00	40.54 -1.15 0.00	53.13 -1.16 -3.92	61.09 -1.18 -7.56	63.46 -1.26 -8.77	58.85 -0.98 0.00	69.63 -0.95 0.00	58.05 -0.29 0.00
E_FISHKILL__LBMP 23776	51.49 1.20 0.00	42.03 1.01 0.00	34.79 0.95 0.00	36.58 0.92 0.00	36.06 0.91 0.00	40.58 0.96 0.00	42.74 1.08 0.00	50.45 1.54 0.00	50.66 1.63 0.00	45.85 1.68 0.00	43.28 1.59 0.00	52.46 2.10 0.00	57.04 2.33 0.00	58.29 2.34 0.00	62.62 2.79 0.00	73.78 3.20 0.00	61.55 3.20 0.00
FALCON__SEABRD_CC1 323796	51.32 1.04 0.00	41.93 0.90 0.00	34.39 0.55 0.00	36.21 0.55 0.00	35.68 0.53 0.00	40.22 0.59 0.00	42.38 0.71 0.00	49.96 1.05 0.00	49.91 0.87 0.00	44.69 0.52 0.00	42.11 0.41 0.00	50.72 0.35 0.00	54.90 0.19 0.00	55.93 -0.02 0.00	59.33 -0.50 0.00	69.94 -0.64 0.00	57.74 -0.61 0.00
FALCON__SEABRD_CC2 323797	51.32 1.04 0.00	41.93 0.90 0.00	34.39 0.55 0.00	36.21 0.55 0.00	35.68 0.53 0.00	40.22 0.59 0.00	42.38 0.71 0.00	49.96 1.05 0.00	49.91 0.87 0.00	44.69 0.52 0.00	42.11 0.41 0.00	50.72 0.35 0.00	54.90 0.19 0.00	55.93 -0.02 0.00	59.33 -0.50 0.00	69.94 -0.64 0.00	57.74 -0.61 0.00

FAR ROCKAWAY___4 23548	52.74 2.45 0.00	43.18 2.16 0.00	35.66 1.82 0.00	37.44 1.78 0.00	36.97 1.82 0.00	41.55 1.92 0.00	43.81 2.15 0.00	51.67 2.76 0.00	51.93 2.89 0.00	47.23 3.06 0.00	44.65 2.96 0.00	54.19 3.83 0.00	59.23 4.52 0.00	60.71 4.76 0.00	65.28 5.45 0.00	76.63 6.06 0.00	64.18 5.83 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.25 1.97 0.00	42.59 1.56 0.00	35.23 1.39 0.00	37.02 1.35 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.34 2.43 0.00	51.70 2.66 0.00	46.89 2.72 0.00	44.27 2.57 0.00	53.70 3.34 0.00	58.41 3.70 0.00	59.63 3.68 0.00	64.14 4.30 0.00	75.54 4.96 0.00	63.06 4.71 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.26 1.97 0.00	42.59 1.57 0.00	35.23 1.40 0.00	37.02 1.35 0.00	36.49 1.35 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.33 2.42 0.00	51.68 2.65 0.00	46.88 2.71 0.00	44.26 2.56 0.00	53.68 3.33 0.00	58.39 3.68 0.00	59.61 3.66 0.00	64.13 4.30 0.00	75.53 4.95 0.00	63.06 4.71 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.20 1.92 0.00	42.56 1.54 0.00	35.20 1.36 0.00	36.99 1.33 0.00	36.48 1.33 0.00	41.08 1.46 0.00	43.40 1.73 0.00	51.31 2.40 0.00	51.66 2.63 0.00	46.86 2.69 0.00	44.24 2.54 0.00	53.67 3.31 0.00	58.37 3.66 0.00	59.58 3.63 0.00	64.09 4.25 0.00	75.47 4.89 0.00	63.01 4.66 0.00
FARRAGUT___LBMP 323566	52.18 1.90 0.00	42.53 1.50 0.00	35.17 1.33 0.00	36.96 1.31 0.00	36.45 1.30 0.00	41.05 1.43 0.00	43.36 1.70 0.00	51.25 2.35 0.00	51.61 2.57 0.00	46.80 2.63 0.00	44.19 2.49 0.00	53.60 3.24 0.00	58.28 3.57 0.00	59.51 3.56 0.00	64.01 4.17 0.00	75.38 4.81 0.00	62.95 4.60 0.00
FARRCKWY_69_KV_BK2 55825	52.74 2.45 0.00	43.18 2.16 0.00	35.66 1.82 0.00	37.44 1.78 0.00	36.97 1.82 0.00	41.55 1.92 0.00	43.81 2.15 0.00	51.67 2.76 0.00	51.93 2.89 0.00	47.23 3.06 0.00	44.65 2.96 0.00	54.19 3.83 0.00	59.23 4.52 0.00	60.71 4.76 0.00	65.28 5.45 0.00	76.63 6.06 0.00	64.18 5.83 0.00
FENNER___WINDPWR 24204	51.22 0.94 0.00	41.63 0.61 0.00	34.32 0.48 0.00	36.16 0.50 0.00	35.64 0.49 0.00	40.63 0.64 -0.37	42.33 0.67 0.00	49.69 0.78 0.00	49.70 0.67 0.00	44.61 0.44 0.00	42.14 0.45 0.00	56.70 0.57 -5.77	66.55 0.73 -11.12	69.73 0.89 -12.89	60.86 1.03 0.00	71.98 1.40 0.00	59.70 1.35 0.00
FIBERTEK___ENERGY 23856	50.03 -0.25 0.00	40.63 -0.39 0.00	33.50 -0.34 0.00	35.33 -0.33 0.00	34.83 -0.32 0.00	39.55 -0.28 -0.21	41.29 -0.37 0.00	48.40 -0.51 0.00	48.61 -0.43 0.00	43.83 -0.34 0.00	41.44 -0.25 0.00	53.36 -0.34 -3.34	60.89 -0.25 -6.43	63.18 -0.22 -7.46	59.68 -0.15 0.00	70.54 -0.03 0.00	58.47 0.13 0.00
FITZPATRICK___ 23598	48.74 -1.54 0.00	39.68 -1.34 0.00	32.72 -1.12 0.00	34.49 -1.17 0.00	34.02 -1.13 0.00	38.37 -1.25 0.00	40.25 -1.41 0.00	47.11 -1.80 0.00	47.32 -1.71 0.00	42.66 -1.51 0.00	40.31 -1.38 0.00	48.66 -1.70 0.00	52.91 -1.80 0.00	54.15 -1.81 0.00	57.93 -1.90 0.00	68.44 -2.13 0.00	56.66 -1.68 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.22 1.94 0.00	42.59 1.56 0.00	35.22 1.38 0.00	37.04 1.38 0.00	36.51 1.36 0.00	41.09 1.47 0.00	43.29 1.63 0.00	51.11 2.20 0.00	51.34 2.30 0.00	46.48 2.31 0.00	43.93 2.23 0.00	53.23 2.87 0.00	57.97 3.26 0.00	59.34 3.39 0.00	63.82 3.99 0.00	75.32 4.75 0.00	62.89 4.55 0.00
FORT ORANGE___ 23900	50.42 0.14 0.00	41.46 0.44 0.00	34.42 0.58 0.00	36.26 0.60 0.00	35.73 0.58 0.00	40.14 0.52 0.00	41.94 0.28 0.00	49.18 0.27 0.00	49.05 0.02 0.00	44.13 -0.04 0.00	41.53 -0.17 0.00	50.17 -0.19 0.00	54.45 -0.26 0.00	55.64 -0.31 0.00	59.72 -0.11 0.00	70.48 -0.10 0.00	58.80 0.45 0.00
FORT_DRUM_COGEN 23780	52.80 2.52 0.00	42.43 1.41 0.00	34.88 1.04 0.00	36.84 1.18 0.00	36.18 1.03 0.00	43.36 1.41 -2.33	43.45 1.78 -0.01	50.71 1.80 0.00	50.52 1.48 0.00	45.30 1.13 0.00	42.49 0.79 0.00	87.27 0.97 -35.94	125.50 1.51 -69.28	137.96 1.68 -80.33	61.18 1.35 0.00	71.44 0.87 0.00	59.41 1.05 0.00
FOX_HILLS___ESR 323835	52.08 1.79 0.00	42.54 1.51 0.00	35.17 1.33 0.00	36.94 1.28 0.00	36.42 1.27 0.00	41.04 1.42 0.00	43.33 1.67 0.00	51.15 2.24 0.00	51.45 2.42 0.00	46.65 2.48 0.00	44.03 2.34 0.00	53.36 3.00 0.00	57.95 3.27 0.03	58.83 3.23 0.35	63.76 3.93 0.00	75.09 4.52 0.00	62.88 4.54 0.00
FPL_FAR_ROCK_GT1 24212	52.72 2.44 0.00	43.18 2.15 0.00	35.65 1.82 0.00	37.44 1.78 0.00	36.96 1.81 0.00	41.55 1.92 0.00	43.81 2.15 0.00	51.66 2.76 0.00	51.90 2.87 0.00	47.23 3.06 0.00	44.65 2.96 0.00	54.19 3.83 0.00	59.23 4.52 0.00	60.71 4.76 0.00	65.28 5.44 0.00	76.64 6.06 0.00	64.18 5.83 0.00
FPL_FAR_ROCK_GT2 23815	52.72 2.44 0.00	43.18 2.15 0.00	35.65 1.82 0.00	37.44 1.78 0.00	36.96 1.81 0.00	41.55 1.92 0.00	43.81 2.15 0.00	51.66 2.76 0.00	51.90 2.87 0.00	47.23 3.06 0.00	44.65 2.96 0.00	54.19 3.83 0.00	59.23 4.52 0.00	60.71 4.76 0.00	65.28 5.44 0.00	76.64 6.06 0.00	64.18 5.83 0.00

FRANKLIN_FALL_HYD 24054	51.32 1.04 0.00	41.83 0.80 0.00	34.29 0.45 0.00	36.12 0.46 0.00	35.60 0.46 0.00	42.92 0.56 -2.74	42.48 0.80 -0.01	49.94 1.03 0.00	49.98 0.94 0.00	44.84 0.67 0.00	42.32 0.62 0.00	93.25 0.59 -42.30	136.66 0.41 -81.54	151.10 0.60 -94.54	59.74 -0.09 0.00	70.27 -0.30 0.00	57.85 -0.49 0.00
FREEPORT_EQUS_GT1 23764	52.22 1.93 0.00	42.82 1.80 0.00	35.37 1.53 0.00	37.14 1.49 0.00	36.67 1.53 0.00	41.20 1.58 0.00	43.41 1.75 0.00	51.22 2.31 0.00	51.44 2.40 0.00	46.81 2.63 0.00	44.18 2.48 0.00	53.54 3.18 0.00	58.61 3.91 0.00	60.02 4.07 0.00	64.52 4.69 0.00	75.78 5.21 0.00	63.53 5.18 0.00
FREEPORT___CT2 23818	52.22 1.93 0.00	42.82 1.80 0.00	35.37 1.53 0.00	37.14 1.49 0.00	36.67 1.53 0.00	41.20 1.58 0.00	43.41 1.75 0.00	51.22 2.31 0.00	51.44 2.40 0.00	46.81 2.63 0.00	44.18 2.48 0.00	53.54 3.18 0.00	58.61 3.91 0.00	60.02 4.07 0.00	64.52 4.69 0.00	75.78 5.21 0.00	63.53 5.18 0.00
FRESHKLS_33_KV_LOAD 356253	52.17 1.88 0.00	42.65 1.63 0.00	35.26 1.42 0.00	37.03 1.37 0.00	36.52 1.37 0.00	41.14 1.52 0.00	43.44 1.78 0.00	51.24 2.33 0.00	51.52 2.49 0.00	46.69 2.52 0.00	44.07 2.38 0.00	53.33 2.97 0.00	57.92 3.24 0.03	58.84 3.25 0.35	63.82 3.99 0.00	75.16 4.59 0.00	62.94 4.60 0.00
FULTON COGEN____ 23766	49.27 -1.02 0.00	40.06 -0.97 0.00	33.03 -0.81 0.00	34.81 -0.85 0.00	34.34 -0.81 0.00	39.04 -0.87 -0.29	40.67 -0.99 0.00	47.62 -1.30 0.00	47.80 -1.24 0.00	43.08 -1.09 0.00	40.69 -1.01 0.00	53.59 -1.24 -4.48	62.15 -1.19 -8.63	64.72 -1.23 -10.00	58.65 -1.18 0.00	69.33 -1.25 0.00	57.42 -0.93 0.00
FULTON___LFGE 323630	52.87 2.59 0.00	43.00 1.98 0.00	35.38 1.55 0.00	37.26 1.60 0.00	36.75 1.60 0.00	41.49 1.87 0.00	43.72 2.06 0.00	50.64 1.73 0.00	49.78 0.75 0.00	44.51 0.34 0.00	41.81 0.11 0.00	50.51 0.15 0.00	54.81 0.10 0.00	56.08 0.13 0.00	60.16 0.32 0.00	71.01 0.43 0.00	59.10 0.75 0.00
G.F.CEMENT___DRP 24184	52.53 2.25 0.00	43.06 2.04 0.00	35.61 1.77 0.00	37.55 1.89 0.00	36.98 1.83 0.00	41.52 1.90 0.00	43.39 1.73 0.00	50.94 2.03 0.00	50.51 1.48 0.00	45.02 0.85 0.00	42.02 0.33 0.00	51.07 0.71 0.00	55.51 0.80 0.00	56.55 0.60 0.00	60.88 1.05 0.00	72.11 1.53 0.00	60.22 1.87 0.00
GARDENVILLE___LBMP 24039	49.29 -1.00 0.00	39.40 -1.62 0.00	32.34 -1.50 0.00	34.24 -1.42 0.00	33.92 -1.23 0.00	38.45 -1.18 0.00	40.38 -1.28 0.00	47.48 -1.43 0.00	48.65 -0.38 0.00	44.20 0.03 0.00	42.06 0.37 0.00	50.33 -0.03 0.00	54.96 0.25 0.00	56.27 0.33 0.00	60.23 0.39 0.00	71.52 0.94 0.00	59.10 0.76 0.00
GARDNVLA_35_KV_LD 355827	49.52 -0.76 0.00	39.58 -1.45 0.00	32.46 -1.37 0.00	34.39 -1.27 0.00	34.07 -1.08 0.00	38.61 -1.02 0.00	40.55 -1.11 0.00	47.69 -1.22 0.00	48.90 -0.13 0.00	44.43 0.25 0.00	42.29 0.60 0.00	50.65 0.29 0.00	55.35 0.65 0.00	56.70 0.75 0.00	60.72 0.88 0.00	72.12 1.54 0.00	59.63 1.29 0.00
GELCKHM___115KV_LOAD 80723	49.72 -0.56 0.00	40.40 -0.62 0.00	33.32 -0.52 0.00	35.12 -0.53 0.00	34.64 -0.51 0.00	39.35 -0.51 -0.24	41.05 -0.62 0.00	48.09 -0.82 0.00	48.34 -0.70 0.00	43.57 -0.59 0.00	41.21 -0.49 0.00	53.43 -0.61 -3.68	61.26 -0.53 -7.08	63.68 -0.48 -8.21	59.41 -0.43 0.00	70.26 -0.31 0.00	58.19 -0.16 0.00
GENERAL___MILLS 23808	49.42 -0.86 0.00	39.50 -1.52 0.00	32.42 -1.42 0.00	34.33 -1.33 0.00	34.00 -1.15 0.00	38.54 -1.08 0.00	40.47 -1.19 0.00	47.59 -1.32 0.00	48.80 -0.24 0.00	44.32 0.15 0.00	42.18 0.49 0.00	50.49 0.13 0.00	55.16 0.45 0.00	56.50 0.55 0.00	60.49 0.66 0.00	71.83 1.25 0.00	59.40 1.06 0.00
GE_PLASTICS___DRP 24183	50.37 0.09 0.00	41.36 0.34 0.00	34.29 0.46 0.00	36.14 0.48 0.00	35.61 0.47 0.00	40.02 0.39 0.00	41.87 0.21 0.00	49.17 0.25 0.00	49.14 0.10 0.00	44.25 0.08 0.00	41.67 -0.03 0.00	50.35 -0.01 0.00	54.65 -0.06 0.00	55.83 -0.12 0.00	59.87 0.04 0.00	70.61 0.03 0.00	58.75 0.41 0.00
GILBOA___1 23756	50.69 0.41 0.00	41.47 0.45 0.00	34.31 0.47 0.00	36.14 0.47 0.00	35.62 0.47 0.00	40.08 0.46 0.00	42.08 0.41 0.00	49.50 0.59 0.00	49.59 0.56 0.00	44.73 0.56 0.00	42.19 0.49 0.00	50.99 0.63 0.00	55.36 0.66 0.00	56.56 0.61 0.00	60.50 0.67 0.00	71.23 0.66 0.00	59.34 0.99 0.00
GILBOA___2 23757	50.69 0.41 0.00	41.47 0.45 0.00	34.31 0.47 0.00	36.14 0.47 0.00	35.62 0.47 0.00	40.08 0.46 0.00	42.08 0.41 0.00	49.50 0.59 0.00	49.59 0.56 0.00	44.73 0.56 0.00	42.19 0.49 0.00	50.99 0.63 0.00	55.36 0.66 0.00	56.56 0.61 0.00	60.50 0.67 0.00	71.23 0.66 0.00	59.34 0.99 0.00
GILBOA___3 23758	50.69 0.41 0.00	41.47 0.45 0.00	34.31 0.47 0.00	36.14 0.47 0.00	35.62 0.47 0.00	40.08 0.46 0.00	42.08 0.41 0.00	49.50 0.59 0.00	49.59 0.56 0.00	44.73 0.56 0.00	42.19 0.49 0.00	50.99 0.63 0.00	55.36 0.66 0.00	56.56 0.61 0.00	60.50 0.67 0.00	71.23 0.66 0.00	59.34 0.99 0.00

GILBOA___4 23759	50.69 0.41 0.00	41.47 0.45 0.00	34.31 0.47 0.00	36.14 0.47 0.00	35.62 0.47 0.00	40.08 0.46 0.00	42.08 0.41 0.00	49.50 0.59 0.00	49.59 0.56 0.00	44.73 0.56 0.00	42.19 0.49 0.00	50.99 0.63 0.00	55.36 0.66 0.00	56.56 0.61 0.00	60.50 0.67 0.00	71.23 0.66 0.00	59.34 0.99 0.00
GILBOA____ 23599	50.70 0.42 0.00	41.47 0.45 0.00	34.31 0.47 0.00	36.14 0.48 0.00	35.62 0.47 0.00	40.08 0.46 0.00	42.08 0.41 0.00	49.50 0.59 0.00	49.60 0.56 0.00	44.73 0.56 0.00	42.19 0.49 0.00	50.99 0.63 0.00	55.36 0.66 0.00	56.56 0.62 0.00	60.50 0.66 0.00	71.23 0.66 0.00	59.34 1.00 0.00
GINNA____ 23603	47.57 -2.46 0.25	38.55 -2.48 0.00	31.68 -2.16 0.00	32.88 -2.19 0.59	32.09 -2.08 0.97	36.68 -2.21 0.73	39.19 -2.42 0.06	46.08 -2.83 0.00	46.81 -2.22 0.00	42.31 -1.86 0.00	40.17 -1.53 0.00	48.38 -1.98 0.00	52.76 -1.95 0.00	54.10 -1.85 0.00	58.12 -1.72 0.00	68.99 -1.59 0.00	57.15 -1.20 0.00
GLEN PARK____ 23778	52.95 2.67 0.00	42.54 1.52 0.00	34.97 1.14 0.00	36.93 1.27 0.00	36.28 1.13 0.00	43.34 1.52 -2.20	43.57 1.90 -0.01	50.84 1.93 0.00	50.64 1.61 0.00	45.36 1.19 0.00	42.52 0.83 0.00	85.40 1.02 -34.02	121.90 1.61 -65.58	133.76 1.78 -76.04	61.34 1.50 0.00	71.61 1.03 0.00	59.57 1.23 0.00
GLENDALE_27_KV_LOAD 356172	52.44 2.15 0.00	42.76 1.73 0.00	35.36 1.52 0.00	37.13 1.47 0.00	36.62 1.47 0.00	41.26 1.64 0.00	43.60 1.94 0.00	51.56 2.65 0.00	51.92 2.89 0.00	47.10 2.93 0.00	44.50 2.81 0.00	53.97 3.61 0.00	58.67 3.97 0.00	59.87 3.92 0.00	64.41 4.58 0.00	75.81 5.24 0.00	63.36 5.01 0.00
GLENWOOD_IC_1_G5 23712	52.20 1.91 0.00	42.67 1.64 0.00	35.28 1.44 0.00	37.07 1.41 0.00	36.56 1.42 0.00	41.13 1.51 0.00	43.35 1.69 0.00	51.18 2.27 0.00	51.46 2.42 0.00	46.75 2.58 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.52 3.81 0.00	59.89 3.94 0.00	64.16 4.33 0.00	75.25 4.68 0.00	62.95 4.61 0.00
GLENWOOD_IC_2_G1 23688	52.00 1.72 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.93 1.27 0.00	36.43 1.29 0.00	40.98 1.36 0.00	43.21 1.55 0.00	51.01 2.10 0.00	51.27 2.23 0.00	46.54 2.37 0.00	43.98 2.28 0.00	53.33 2.97 0.00	58.15 3.44 0.00	59.47 3.52 0.00	63.90 4.07 0.00	75.16 4.58 0.00	62.83 4.49 0.00
GLENWOOD_IC_3_G1 23689	52.00 1.72 0.00	42.50 1.48 0.00	35.14 1.30 0.00	36.93 1.27 0.00	36.43 1.29 0.00	40.98 1.36 0.00	43.21 1.55 0.00	51.01 2.10 0.00	51.27 2.23 0.00	46.54 2.37 0.00	43.98 2.28 0.00	53.33 2.97 0.00	58.15 3.44 0.00	59.47 3.52 0.00	63.90 4.07 0.00	75.16 4.58 0.00	62.83 4.49 0.00
GLENWOOD___4 23550	52.20 1.91 0.00	42.67 1.64 0.00	35.28 1.44 0.00	37.07 1.41 0.00	36.56 1.42 0.00	41.13 1.51 0.00	43.35 1.69 0.00	51.18 2.27 0.00	51.46 2.42 0.00	46.75 2.58 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.52 3.81 0.00	59.90 3.95 0.00	64.26 4.43 0.00	75.41 4.83 0.00	63.06 4.72 0.00
GLENWOOD___5 23614	52.20 1.91 0.00	42.67 1.64 0.00	35.28 1.44 0.00	37.07 1.41 0.00	36.56 1.42 0.00	41.13 1.51 0.00	43.35 1.69 0.00	51.18 2.27 0.00	51.46 2.42 0.00	46.75 2.58 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.52 3.81 0.00	59.90 3.95 0.00	64.26 4.43 0.00	75.41 4.83 0.00	63.06 4.72 0.00
GLOBAL GREEN_PORT_GT1 23814	53.44 3.16 0.00	43.81 2.78 0.00	36.27 2.43 0.00	38.07 2.41 0.00	37.75 2.60 0.00	42.27 2.65 0.00	44.49 2.83 0.00	52.46 3.55 0.00	52.69 3.65 0.00	48.36 4.19 0.00	45.60 3.90 0.00	55.21 4.85 0.00	60.70 5.99 0.00	62.69 6.74 0.00	67.35 7.52 0.00	78.73 8.15 0.00	66.14 7.80 0.00
GLOBE___DSASP 323697	47.99 -2.29 0.00	38.38 -2.64 0.00	31.49 -2.35 0.00	33.40 -2.26 0.00	33.13 -2.01 0.00	37.54 -2.09 0.00	39.25 -2.41 0.00	46.06 -2.85 0.00	47.29 -1.74 0.00	43.00 -1.17 0.00	40.90 -0.80 0.00	48.90 -1.46 0.00	53.36 -1.35 0.00	54.68 -1.27 0.00	58.50 -1.34 0.00	68.90 -1.68 0.00	56.77 -1.58 0.00
GOETHSLN___LBMP 323567	52.02 1.74 0.00	42.40 1.38 0.00	35.08 1.24 0.00	36.86 1.20 0.00	36.35 1.20 0.00	40.93 1.31 0.00	43.23 1.57 0.00	51.08 2.17 0.00	51.42 2.38 0.00	46.59 2.41 0.00	43.98 2.29 0.00	53.34 2.99 0.00	57.96 3.28 0.03	58.60 3.22 0.57	63.68 3.84 0.00	74.96 4.39 0.00	62.60 4.25 0.00
GOLAH___69_KV_TB 1_2 80279	50.28 0.00 0.00	40.41 -0.61 0.00	33.19 -0.65 0.00	35.07 -0.59 0.00	34.67 -0.47 0.00	39.25 -0.37 0.00	41.30 -0.36 0.00	48.53 -0.38 0.00	49.36 0.33 0.00	44.71 0.54 0.00	42.45 0.75 0.00	50.93 0.57 0.00	55.48 0.77 0.00	56.88 0.94 0.00	60.94 1.11 0.00	72.31 1.73 0.00	59.95 1.61 0.00
GOODYEAR_LAKE_HYD 323669	51.58 1.29 0.00	41.88 0.85 0.00	34.52 0.68 0.00	36.34 0.68 0.00	35.85 0.70 0.00	40.45 0.83 0.00	42.64 0.98 0.00	50.10 1.19 0.00	50.32 1.28 0.00	45.40 1.23 0.00	42.90 1.20 0.00	51.92 1.56 0.00	56.51 1.81 0.00	57.76 1.81 0.00	61.85 2.01 0.00	73.09 2.52 0.00	60.69 2.35 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	50.02 -0.27 0.00	40.55 -0.48 0.00	33.43 -0.41 0.00	35.28 -0.39 0.00	34.81 -0.34 0.00	39.31 -0.31 0.00	41.34 -0.33 0.00	48.58 -0.33 0.00	48.89 -0.15 0.00	44.13 -0.04 0.00	41.71 0.01 0.00	50.38 0.02 0.00	54.95 0.24 0.00	56.20 0.25 0.00	60.13 0.30 0.00	71.45 0.87 0.00	59.03 0.67 0.00
GOUDEY___7 23579	50.02 -0.27 0.00	40.55 -0.48 0.00	33.43 -0.41 0.00	35.28 -0.39 0.00	34.81 -0.34 0.00	39.31 -0.31 0.00	41.34 -0.33 0.00	48.58 -0.33 0.00	48.89 -0.15 0.00	44.13 -0.04 0.00	41.71 0.01 0.00	50.38 0.02 0.00	54.95 0.24 0.00	56.20 0.25 0.00	60.13 0.30 0.00	71.45 0.87 0.00	59.03 0.67 0.00
GOUDEY___8 23580	50.02 -0.27 0.00	40.55 -0.48 0.00	33.43 -0.41 0.00	35.28 -0.39 0.00	34.81 -0.34 0.00	39.31 -0.31 0.00	41.34 -0.33 0.00	48.58 -0.33 0.00	48.89 -0.15 0.00	44.13 -0.04 0.00	41.71 0.01 0.00	50.38 0.02 0.00	54.95 0.24 0.00	56.20 0.25 0.00	60.13 0.30 0.00	71.45 0.87 0.00	59.03 0.67 0.00
GOWANUS_GT1_1 24077	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT1_2 24078	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT1_3 24079	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT1_4 24080	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT1_5 24084	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT1_6 24111	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT1_7 24112	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT1_8 24113	52.21 1.92 0.00	42.62 1.60 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.79 0.00	63.05 4.71 0.00
GOWANUS_GT2_1 24114	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT2_2 24115	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT2_3 24116	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT2_4 24117	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00

GOWANUS_GT2_5 24118	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT2_6 24119	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT2_7 24120	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT2_8 24121	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT3_1 24122	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT3_2 24123	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT3_3 24124	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT3_4 24125	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT3_5 24126	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT3_6 24127	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT3_7 24128	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT3_8 24129	52.20 1.92 0.00	42.62 1.59 0.00	35.23 1.40 0.00	37.00 1.34 0.00	36.48 1.34 0.00	41.10 1.48 0.00	43.41 1.75 0.00	51.28 2.37 0.00	51.60 2.56 0.00	46.78 2.61 0.00	44.20 2.50 0.00	53.58 3.22 0.00	58.24 3.54 0.00	59.42 3.47 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
GOWANUS_GT4_1 24130	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT4_2 24131	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT4_3 24132	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00

GOWANUS_GT4_4 24133	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT4_5 24134	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT4_6 24135	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT4_7 24136	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GOWANUS_GT4_8 24137	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GREENBSH_115KV_TB3 55895	50.10 -0.18 0.00	41.22 0.20 0.00	34.23 0.39 0.00	36.08 0.42 0.00	35.54 0.40 0.00	39.91 0.29 0.00	41.68 0.02 0.00	48.92 0.00 0.00	48.83 -0.21 0.00	43.97 -0.20 0.00	41.40 -0.30 0.00	50.01 -0.35 0.00	54.27 -0.43 0.00	55.46 -0.49 0.00	59.50 -0.33 0.00	70.19 -0.39 0.00	58.40 0.06 0.00
GREENDGE_115KV_TB5 80291	49.93 -0.35 0.00	40.47 -0.55 0.00	33.29 -0.55 0.00	35.14 -0.52 0.00	34.72 -0.43 0.00	39.36 -0.26 0.00	41.88 0.21 0.00	49.09 0.18 0.00	49.40 0.36 0.00	44.65 0.48 0.00	42.22 0.53 0.00	50.75 0.39 0.00	55.03 0.32 0.00	55.70 -0.25 0.00	59.04 -0.80 0.00	69.91 -0.66 0.00	58.08 -0.26 0.00
GREENIDGE___3 23582	49.93 -0.35 0.00	40.47 -0.55 0.00	33.29 -0.55 0.00	35.14 -0.52 0.00	34.72 -0.43 0.00	39.36 -0.26 0.00	41.88 0.21 0.00	49.09 0.18 0.00	49.40 0.36 0.00	44.65 0.48 0.00	42.22 0.53 0.00	50.75 0.39 0.00	55.03 0.32 0.00	55.70 -0.25 0.00	59.04 -0.80 0.00	69.91 -0.66 0.00	58.08 -0.26 0.00
GREENIDGE___4 23583	50.26 -0.34 -0.32	40.47 -0.55 0.00	33.29 -0.55 0.00	35.90 -0.51 -0.76	35.99 -0.42 -1.26	40.31 -0.25 -0.94	41.96 0.22 -0.08	49.09 0.18 0.00	49.42 0.38 0.00	44.65 0.47 0.00	42.22 0.53 0.00	50.72 0.36 0.00	54.99 0.28 0.00	55.67 -0.28 0.00	59.01 -0.82 0.00	69.91 -0.66 0.00	58.03 -0.32 0.00
GREENLWN_69_KV_BK 3 55738	51.56 1.27 0.00	42.42 1.40 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.50 1.35 0.00	40.96 1.34 0.00	43.10 1.44 0.00	50.77 1.86 0.00	50.88 1.84 0.00	46.34 2.17 0.00	43.56 1.86 0.00	52.70 2.35 0.00	57.77 3.06 0.00	59.29 3.34 0.00	63.75 3.92 0.00	74.67 4.09 0.00	62.65 4.30 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00
GRISSOM___SOLAR 323813	52.63 2.35 0.00	42.86 1.83 0.00	35.31 1.47 0.00	37.19 1.53 0.00	36.67 1.52 0.00	41.37 1.75 0.00	43.56 1.90 0.00	50.42 1.51 0.00	49.43 0.39 0.00	44.14 -0.03 0.00	41.43 -0.27 0.00	50.05 -0.31 0.00	54.32 -0.39 0.00	55.58 -0.37 0.00	59.62 -0.21 0.00	70.37 -0.21 0.00	58.63 0.28 0.00
GROVEVILLE___HYD 323602	52.22 1.94 0.00	42.59 1.56 0.00	35.22 1.38 0.00	37.04 1.38 0.00	36.51 1.36 0.00	41.09 1.47 0.00	43.29 1.63 0.00	51.11 2.20 0.00	51.34 2.30 0.00	46.48 2.31 0.00	43.93 2.23 0.00	53.23 2.87 0.00	57.97 3.26 0.00	59.34 3.39 0.00	63.82 3.99 0.00	75.32 4.75 0.00	62.89 4.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.03 -0.25 0.00	40.63 -0.39 0.00	33.50 -0.34 0.00	35.33 -0.33 0.00	34.83 -0.32 0.00	39.55 -0.28 -0.21	41.29 -0.37 0.00	48.40 -0.51 0.00	48.61 -0.43 0.00	43.83 -0.34 0.00	41.44 -0.25 0.00	53.36 -0.34 -3.34	60.89 -0.25 -6.43	63.18 -0.22 -7.46	59.68 -0.15 0.00	70.54 -0.03 0.00	58.47 0.13 0.00
HAMLTNNY_34_KV_TB 80303	50.10 -0.19 0.00	40.67 -0.36 0.00	33.50 -0.34 0.00	35.35 -0.31 0.00	34.85 -0.30 0.00	39.57 -0.24 -0.19	41.39 -0.27 0.00	48.55 -0.36 0.00	48.75 -0.28 0.00	43.97 -0.20 0.00	41.60 -0.10 0.00	53.10 -0.21 -2.95	60.33 -0.06 -5.69	62.53 -0.02 -6.59	59.80 -0.04 0.00	70.71 0.13 0.00	58.60 0.24 0.00

HAMPSHIRE___PAPER_HYD 323593	51.69 1.41 0.00	41.86 0.83 0.00	34.34 0.50 0.00	36.25 0.59 0.00	35.64 0.49 0.00	46.21 0.72 -5.86	42.76 1.08 -0.02	49.95 1.04 0.00	49.80 0.77 0.00	44.73 0.56 0.00	42.10 0.40 0.00	141.38 0.38 -90.64	229.92 0.48 -174.74	259.29 0.74 -202.60	59.81 -0.02 0.00	70.04 -0.54 0.00	57.75 -0.60 0.00
HARDSCRABBLE_WT_PWR 323673	50.86 0.58 0.00	41.70 0.68 0.00	34.54 0.70 0.00	36.39 0.73 0.00	35.86 0.72 0.00	40.60 0.73 -0.25	42.15 0.49 0.00	49.19 0.28 0.00	48.81 -0.22 0.00	43.47 -0.70 0.00	40.90 -0.79 0.00	53.51 -0.78 -3.92	61.51 -0.76 -7.56	63.91 -0.81 -8.77	59.26 -0.58 0.00	70.10 -0.48 0.00	58.35 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.00 1.71 0.00	42.35 1.33 0.00	35.02 1.18 0.00	36.82 1.16 0.00	36.29 1.14 0.00	40.86 1.24 0.00	43.08 1.42 0.00	50.84 1.94 0.00	51.11 2.08 0.00	46.33 2.16 0.00	43.82 2.12 0.00	53.19 2.83 0.00	57.99 3.28 0.00	59.34 3.39 0.00	63.83 4.00 0.00	75.29 4.72 0.00	62.83 4.49 0.00
HARSNRAD_115KV_TB1 81005	48.76 -1.52 0.00	39.02 -2.01 0.00	32.00 -1.83 0.00	33.80 -1.86 0.00	33.40 -1.75 0.00	37.92 -1.70 0.00	39.94 -1.72 0.00	46.91 -2.00 0.00	48.10 -0.93 0.00	43.68 -0.49 0.00	41.53 -0.16 0.00	49.52 -0.84 0.00	54.02 -0.69 0.00	55.37 -0.59 0.00	59.25 -0.59 0.00	70.21 -0.36 0.00	58.11 -0.24 0.00
HARZA MOOSE___RIVER 24016	51.97 1.69 0.00	42.07 1.05 0.00	34.61 0.77 0.00	36.54 0.88 0.00	35.91 0.75 0.00	42.27 0.99 -1.66	42.86 1.20 0.00	50.17 1.26 0.00	50.08 1.04 0.00	44.96 0.79 0.00	42.35 0.66 0.00	76.90 0.82 -25.71	105.37 1.09 -49.57	114.73 1.31 -57.47	60.99 1.16 0.00	71.74 1.16 0.00	59.63 1.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	49.74 -0.54 0.00	40.41 -0.62 0.00	33.32 -0.52 0.00	35.12 -0.54 0.00	34.64 -0.51 0.00	39.34 -0.52 -0.24	41.05 -0.62 0.00	48.11 -0.80 0.00	48.37 -0.67 0.00	43.64 -0.53 0.00	41.28 -0.42 0.00	53.61 -0.51 -3.76	61.54 -0.40 -7.24	64.00 -0.35 -8.40	59.58 -0.25 0.00	70.47 -0.11 0.00	58.36 0.01 0.00
HELLGATE_13_KV_LD 55870	52.50 2.21 0.00	42.81 1.79 0.00	35.41 1.57 0.00	37.19 1.53 0.00	36.69 1.54 0.00	41.34 1.72 0.00	43.68 2.02 0.00	51.63 2.72 0.00	52.00 2.96 0.00	47.14 2.98 0.00	44.54 2.84 0.00	54.03 3.68 0.00	58.75 4.05 0.00	59.93 3.98 0.00	64.48 4.64 0.00	75.90 5.32 0.00	63.42 5.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.50 2.21 0.00	42.81 1.79 0.00	35.41 1.57 0.00	37.19 1.53 0.00	36.69 1.54 0.00	41.34 1.72 0.00	43.68 2.02 0.00	51.63 2.72 0.00	52.00 2.96 0.00	47.14 2.98 0.00	44.54 2.84 0.00	54.03 3.68 0.00	58.75 4.05 0.00	59.93 3.98 0.00	64.48 4.64 0.00	75.90 5.32 0.00	63.42 5.07 0.00
HEMPSTEAD____ 23647	51.85 1.56 0.00	42.49 1.46 0.00	35.12 1.28 0.00	36.90 1.25 0.00	36.43 1.28 0.00	40.94 1.32 0.00	43.14 1.48 0.00	50.90 1.99 0.00	51.12 2.08 0.00	46.49 2.32 0.00	43.92 2.22 0.00	53.18 2.82 0.00	58.16 3.45 0.00	59.57 3.62 0.00	63.99 4.16 0.00	75.12 4.54 0.00	62.89 4.55 0.00
HICKLING___1 23621	49.83 -0.45 0.00	40.17 -0.86 0.00	33.06 -0.78 0.00	34.92 -0.74 0.00	34.50 -0.65 0.00	39.06 -0.56 0.00	41.17 -0.49 0.00	48.39 -0.52 0.00	48.86 -0.18 0.00	44.12 -0.05 0.00	41.82 0.12 0.00	50.35 -0.01 0.00	55.11 0.40 0.00	56.17 0.22 0.00	60.06 0.23 0.00	71.63 1.06 0.00	59.05 0.70 0.00
HICKLING___2 23622	49.83 -0.45 0.00	40.17 -0.86 0.00	33.06 -0.78 0.00	34.92 -0.74 0.00	34.50 -0.65 0.00	39.06 -0.56 0.00	41.17 -0.49 0.00	48.39 -0.52 0.00	48.86 -0.18 0.00	44.12 -0.05 0.00	41.82 0.12 0.00	50.35 -0.01 0.00	55.11 0.40 0.00	56.17 0.22 0.00	60.06 0.23 0.00	71.63 1.06 0.00	59.05 0.70 0.00
HIGH FALLS___HY 23754	52.26 1.97 0.00	42.52 1.49 0.00	35.12 1.28 0.00	36.92 1.26 0.00	36.39 1.24 0.00	40.96 1.34 0.00	43.22 1.55 0.00	51.08 2.17 0.00	51.32 2.28 0.00	46.38 2.22 0.00	43.78 2.08 0.00	52.99 2.63 0.00	57.72 3.01 0.00	59.47 3.52 0.00	63.93 4.10 0.00	75.06 4.48 0.00	62.76 4.41 0.00
HIGH_RIVER___SOLAR 323847	51.80 1.52 0.00	42.31 1.28 0.00	34.92 1.09 0.00	36.80 1.14 0.00	36.27 1.12 0.00	40.86 1.23 0.00	42.90 1.24 0.00	50.10 1.19 0.00	49.52 0.49 0.00	44.22 0.05 0.00	41.49 -0.20 0.00	50.18 -0.17 0.00	54.47 -0.23 0.00	55.69 -0.26 0.00	59.71 -0.13 0.00	70.46 -0.11 0.00	58.64 0.28 0.00
HILLBURN___GT 23639	51.83 1.55 0.00	42.22 1.19 0.00	34.94 1.10 0.00	36.73 1.07 0.00	36.20 1.05 0.00	40.75 1.13 0.00	42.99 1.33 0.00	50.75 1.84 0.00	51.03 1.99 0.00	46.26 2.09 0.00	43.76 2.06 0.00	53.12 2.76 0.00	57.88 3.17 0.00	59.18 3.23 0.00	63.65 3.82 0.00	75.03 4.46 0.00	62.65 4.31 0.00
HILLSIDE_115KV_TB1 80332	48.98 -1.31 0.00	39.54 -1.49 0.00	32.56 -1.27 0.00	34.39 -1.27 0.00	33.95 -1.20 0.00	38.43 -1.19 0.00	40.47 -1.19 0.00	47.64 -1.27 0.00	48.05 -0.99 0.00	43.41 -0.76 0.00	41.11 -0.59 0.00	49.60 -0.76 0.00	54.27 -0.44 0.00	55.36 -0.59 0.00	59.16 -0.68 0.00	70.59 0.01 0.00	58.07 -0.28 0.00

HISHELDN_WT_PWR 323625	48.90 -1.03 0.35	39.42 -1.61 0.00	32.34 -1.50 0.00	33.40 -1.43 0.83	32.55 -1.22 1.38	37.46 -1.13 1.03	40.36 -1.23 0.07	47.46 -1.45 0.00	48.51 -0.53 0.00	43.87 -0.30 0.00	41.68 -0.02 0.00	49.84 -0.52 0.00	54.44 -0.27 0.00	55.53 -0.42 0.00	59.36 -0.47 0.00	70.64 0.07 0.00	58.40 0.06 0.00
HOLTSVILLE_IC_1 23690	51.67 1.39 0.00	42.47 1.44 0.00	35.19 1.35 0.00	36.96 1.30 0.00	36.58 1.43 0.00	41.00 1.38 0.00	43.12 1.46 0.00	50.79 1.88 0.00	50.88 1.84 0.00	46.48 2.31 0.00	43.71 2.01 0.00	52.86 2.50 0.00	58.02 3.31 0.00	59.74 3.79 0.00	64.24 4.40 0.00	74.96 4.38 0.00	62.88 4.53 0.00
HOLTSVILLE_IC_10 23699	51.90 1.62 0.00	42.63 1.61 0.00	35.32 1.48 0.00	37.10 1.44 0.00	36.73 1.58 0.00	41.16 1.54 0.00	43.28 1.62 0.00	51.00 2.09 0.00	51.12 2.08 0.00	46.72 2.55 0.00	43.95 2.25 0.00	53.19 2.83 0.00	58.43 3.72 0.00	60.23 4.28 0.00	64.83 4.99 0.00	75.48 4.91 0.00	63.34 5.00 0.00
HOLTSVILLE_IC_2 23691	51.67 1.39 0.00	42.47 1.44 0.00	35.19 1.35 0.00	36.96 1.30 0.00	36.58 1.43 0.00	41.00 1.38 0.00	43.12 1.46 0.00	50.79 1.88 0.00	50.88 1.84 0.00	46.48 2.31 0.00	43.71 2.01 0.00	52.86 2.50 0.00	58.02 3.31 0.00	59.74 3.79 0.00	64.24 4.40 0.00	74.96 4.38 0.00	62.88 4.53 0.00
HOLTSVILLE_IC_3 23692	51.67 1.39 0.00	42.47 1.44 0.00	35.19 1.35 0.00	36.96 1.30 0.00	36.58 1.43 0.00	41.00 1.38 0.00	43.12 1.46 0.00	50.79 1.88 0.00	50.88 1.84 0.00	46.48 2.31 0.00	43.71 2.01 0.00	52.86 2.50 0.00	58.02 3.31 0.00	59.74 3.79 0.00	64.24 4.40 0.00	74.96 4.38 0.00	62.88 4.53 0.00
HOLTSVILLE_IC_4 23693	51.67 1.39 0.00	42.47 1.44 0.00	35.19 1.35 0.00	36.96 1.30 0.00	36.58 1.43 0.00	41.00 1.38 0.00	43.12 1.46 0.00	50.79 1.88 0.00	50.88 1.84 0.00	46.48 2.31 0.00	43.71 2.01 0.00	52.86 2.50 0.00	58.02 3.31 0.00	59.74 3.79 0.00	64.24 4.40 0.00	74.96 4.38 0.00	62.88 4.53 0.00
HOLTSVILLE_IC_5 23694	51.67 1.39 0.00	42.47 1.44 0.00	35.19 1.35 0.00	36.96 1.30 0.00	36.58 1.43 0.00	41.00 1.38 0.00	43.12 1.46 0.00	50.79 1.88 0.00	50.88 1.84 0.00	46.48 2.31 0.00	43.71 2.01 0.00	52.86 2.50 0.00	58.02 3.31 0.00	59.74 3.79 0.00	64.24 4.40 0.00	74.96 4.38 0.00	62.88 4.53 0.00
HOLTSVILLE_IC_6 23695	51.90 1.62 0.00	42.63 1.61 0.00	35.32 1.48 0.00	37.10 1.44 0.00	36.73 1.58 0.00	41.16 1.54 0.00	43.28 1.62 0.00	51.00 2.09 0.00	51.12 2.08 0.00	46.72 2.55 0.00	43.95 2.25 0.00	53.19 2.83 0.00	58.43 3.72 0.00	60.23 4.28 0.00	64.83 4.99 0.00	75.48 4.91 0.00	63.34 5.00 0.00
HOLTSVILLE_IC_7 23696	51.90 1.62 0.00	42.63 1.61 0.00	35.32 1.48 0.00	37.10 1.44 0.00	36.73 1.58 0.00	41.16 1.54 0.00	43.28 1.62 0.00	51.00 2.09 0.00	51.12 2.08 0.00	46.72 2.55 0.00	43.95 2.25 0.00	53.19 2.83 0.00	58.43 3.72 0.00	60.23 4.28 0.00	64.83 4.99 0.00	75.48 4.91 0.00	63.34 5.00 0.00
HOLTSVILLE_IC_8 23697	51.90 1.62 0.00	42.63 1.61 0.00	35.32 1.48 0.00	37.10 1.44 0.00	36.73 1.58 0.00	41.16 1.54 0.00	43.28 1.62 0.00	51.00 2.09 0.00	51.12 2.08 0.00	46.72 2.55 0.00	43.95 2.25 0.00	53.19 2.83 0.00	58.43 3.72 0.00	60.23 4.28 0.00	64.83 4.99 0.00	75.48 4.91 0.00	63.34 5.00 0.00
HOLTSVILLE_IC_9 23698	51.90 1.62 0.00	42.63 1.61 0.00	35.32 1.48 0.00	37.10 1.44 0.00	36.73 1.58 0.00	41.16 1.54 0.00	43.28 1.62 0.00	51.00 2.09 0.00	51.12 2.08 0.00	46.72 2.55 0.00	43.95 2.25 0.00	53.19 2.83 0.00	58.43 3.72 0.00	60.23 4.28 0.00	64.83 4.99 0.00	75.48 4.91 0.00	63.34 5.00 0.00
HOMER_HL_115KV_TB2 355744	49.36 -0.92 0.00	39.50 -1.53 0.00	32.52 -1.32 0.00	34.51 -1.15 0.00	34.19 -0.96 0.00	38.75 -0.87 0.00	40.66 -1.01 0.00	47.86 -1.05 0.00	48.81 -0.23 0.00	44.31 0.14 0.00	42.11 0.41 0.00	50.45 0.09 0.00	54.90 0.20 0.00	56.13 0.18 0.00	60.06 0.23 0.00	71.60 1.03 0.00	59.22 0.87 0.00
HOWARD_WT_PWR 323690	50.61 0.18 -0.14	40.50 -0.53 0.00	33.28 -0.55 0.00	35.51 -0.48 -0.33	35.39 -0.30 -0.55	39.90 -0.13 -0.41	41.62 -0.08 -0.03	48.63 -0.28 0.00	49.35 0.31 0.00	44.47 0.29 0.00	42.08 0.39 0.00	50.41 0.05 0.00	55.21 0.50 0.00	55.99 0.04 0.00	59.81 -0.02 0.00	71.52 0.94 0.00	59.15 0.81 0.00
HQ_GEN_CEDARS 23644	51.07 0.78 0.00	41.61 0.59 0.00	34.15 0.31 0.00	35.98 0.32 0.00	35.46 0.31 0.00	52.21 0.44 -12.15	42.52 0.82 -0.03	49.81 0.89 0.00	49.83 0.80 0.00	44.76 0.59 0.00	42.28 0.58 0.00	238.62 0.50 -187.76	416.94 0.28 -361.96	476.15 0.53 -419.67	59.57 -0.26 0.00	70.03 -0.55 0.00	57.23 -1.12 0.00
HQ_GEN_CEDARS_PROXY 323590	51.07 0.78 0.00	41.61 0.59 0.00	34.15 0.31 0.00	35.98 0.32 0.00	35.46 0.31 0.00	52.21 0.44 -12.15	42.52 0.82 -0.03	49.04 0.90 0.76	49.83 0.80 0.00	44.76 0.59 0.00	42.28 0.58 0.00	238.62 0.50 -187.76	416.94 0.28 -361.96	476.15 0.53 -419.67	59.59 -0.24 0.00	70.03 -0.55 0.00	57.23 -1.12 0.00

HQ_GEN_CHPE_PROXY 323851	52.13 1.84 0.00	42.49 1.46 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.41 1.26 0.00	41.00 1.38 0.00	43.31 1.65 0.00	51.08 2.28 0.11	51.53 2.49 0.00	46.73 2.56 0.00	44.12 2.42 0.00	53.52 3.16 0.00	58.25 3.51 -0.03	59.44 3.49 0.00	63.93 4.09 0.00	75.28 4.70 0.00	62.89 4.54 0.00
HQ_GEN_IMPORT 323601	50.61 0.33 0.00	41.28 0.26 0.00	33.97 0.13 0.00	35.80 0.14 0.00	35.29 0.13 0.00	39.56 0.19 0.26	41.97 0.31 0.00	49.18 0.38 0.11	49.41 0.38 0.00	44.47 0.30 0.00	41.99 0.30 0.00	46.67 0.31 4.00	47.33 0.30 7.68	47.32 0.31 8.94	60.02 0.18 0.00	70.72 0.14 0.00	58.17 -0.18 0.00
HQ_GEN_WHEEL 23651	50.61 0.33 0.00	41.28 0.26 0.00	33.97 0.13 0.00	35.80 0.14 0.00	35.29 0.13 0.00	39.56 0.19 0.26	41.97 0.31 0.00	49.18 0.38 0.11	49.41 0.38 0.00	44.47 0.30 0.00	41.99 0.30 0.00	46.67 0.31 4.00	47.33 0.30 7.68	47.32 0.31 8.94	60.02 0.18 0.00	70.72 0.14 0.00	58.17 -0.18 0.00
HUDSON_AVE_GT_3 23810	52.28 2.00 0.00	42.60 1.58 0.00	35.23 1.40 0.00	37.02 1.36 0.00	36.51 1.36 0.00	41.12 1.50 0.00	43.44 1.77 0.00	51.35 2.44 0.00	51.72 2.68 0.00	46.91 2.74 0.00	44.29 2.59 0.00	53.72 3.36 0.00	58.43 3.73 0.00	59.65 3.71 0.00	64.18 4.34 0.00	75.57 5.00 0.00	63.12 4.77 0.00
HUDSON_AVE_GT_4 23540	52.28 2.00 0.00	42.60 1.58 0.00	35.23 1.40 0.00	37.02 1.36 0.00	36.51 1.36 0.00	41.12 1.50 0.00	43.44 1.77 0.00	51.35 2.44 0.00	51.72 2.68 0.00	46.91 2.74 0.00	44.29 2.59 0.00	53.72 3.36 0.00	58.43 3.73 0.00	59.65 3.71 0.00	64.18 4.34 0.00	75.57 5.00 0.00	63.12 4.77 0.00
HUDSON_AVE_GT_5 23657	52.28 2.00 0.00	42.60 1.58 0.00	35.23 1.40 0.00	37.02 1.36 0.00	36.51 1.36 0.00	41.12 1.50 0.00	43.44 1.77 0.00	51.35 2.44 0.00	51.72 2.68 0.00	46.91 2.74 0.00	44.29 2.59 0.00	53.72 3.36 0.00	58.43 3.73 0.00	59.65 3.71 0.00	64.18 4.34 0.00	75.57 5.00 0.00	63.12 4.77 0.00
HUDSON_AVE_10 24168	52.21 1.93 0.00	42.56 1.54 0.00	35.20 1.36 0.00	36.99 1.33 0.00	36.48 1.33 0.00	41.08 1.46 0.00	43.41 1.75 0.00	51.31 2.40 0.00	51.64 2.60 0.00	46.82 2.64 0.00	44.15 2.45 0.00	53.55 3.18 0.00	58.23 3.52 0.00	59.46 3.51 0.00	64.00 4.17 0.00	75.35 4.77 0.00	62.89 4.55 0.00
HUDSON___115KV_TB 4 355613	51.25 0.96 0.00	42.07 1.05 0.00	34.89 1.05 0.00	36.75 1.09 0.00	36.23 1.08 0.00	40.72 1.10 0.00	42.60 0.94 0.00	49.94 1.03 0.00	49.69 0.65 0.00	44.62 0.45 0.00	41.93 0.23 0.00	50.67 0.31 0.00	54.96 0.25 0.00	56.20 0.25 0.00	60.37 0.54 0.00	71.38 0.80 0.00	59.73 1.38 0.00
HUNTER MOUNT___DRP 323613	51.48 1.20 0.00	42.26 1.24 0.00	35.03 1.19 0.00	36.89 1.24 0.00	36.38 1.23 0.00	40.90 1.28 0.00	42.80 1.14 0.00	50.21 1.30 0.00	49.97 0.93 0.00	44.81 0.64 0.00	42.10 0.40 0.00	50.88 0.52 0.00	55.21 0.50 0.00	56.48 0.53 0.00	60.73 0.90 0.00	71.88 1.31 0.00	60.13 1.79 0.00
HUNTINGTON_RES_REC 323705	51.69 1.41 0.00	42.50 1.48 0.00	35.21 1.37 0.00	36.98 1.32 0.00	36.58 1.43 0.00	41.02 1.40 0.00	43.17 1.51 0.00	50.85 1.94 0.00	50.95 1.91 0.00	46.50 2.33 0.00	43.72 2.02 0.00	52.93 2.57 0.00	58.11 3.40 0.00	59.79 3.84 0.00	64.29 4.46 0.00	75.11 4.53 0.00	63.10 4.75 0.00
HUNTLEY___63 23557	49.17 -1.12 0.00	39.31 -1.71 0.00	32.23 -1.61 0.00	34.10 -1.56 0.00	33.78 -1.37 0.00	38.31 -1.32 0.00	40.22 -1.44 0.00	47.27 -1.64 0.00	48.51 -0.52 0.00	44.12 -0.05 0.00	41.98 0.28 0.00	50.17 -0.19 0.00	54.80 0.10 0.00	56.18 0.23 0.00	60.18 0.35 0.00	71.22 0.65 0.00	58.87 0.52 0.00
HUNTLEY___64 23558	49.17 -1.12 0.00	39.31 -1.71 0.00	32.23 -1.61 0.00	34.10 -1.56 0.00	33.78 -1.37 0.00	38.31 -1.32 0.00	40.22 -1.44 0.00	47.27 -1.64 0.00	48.51 -0.52 0.00	44.12 -0.05 0.00	41.98 0.28 0.00	50.17 -0.19 0.00	54.80 0.10 0.00	56.18 0.23 0.00	60.18 0.35 0.00	71.22 0.65 0.00	58.87 0.52 0.00
HUNTLEY___65 23559	49.17 -1.12 0.00	39.31 -1.71 0.00	32.23 -1.61 0.00	34.10 -1.56 0.00	33.78 -1.37 0.00	38.31 -1.32 0.00	40.22 -1.44 0.00	47.27 -1.64 0.00	48.51 -0.52 0.00	44.12 -0.05 0.00	41.98 0.28 0.00	50.17 -0.19 0.00	54.80 0.10 0.00	56.18 0.23 0.00	60.18 0.35 0.00	71.22 0.65 0.00	58.87 0.52 0.00
HUNTLEY___66 23560	49.17 -1.12 0.00	39.31 -1.71 0.00	32.23 -1.61 0.00	34.10 -1.56 0.00	33.78 -1.37 0.00	38.31 -1.32 0.00	40.22 -1.44 0.00	47.27 -1.64 0.00	48.51 -0.52 0.00	44.12 -0.05 0.00	41.98 0.28 0.00	50.17 -0.19 0.00	54.80 0.10 0.00	56.18 0.23 0.00	60.18 0.35 0.00	71.22 0.65 0.00	58.87 0.52 0.00
HUNTLEY___67 23561	48.87 -1.41 0.00	39.07 -1.95 0.00	32.07 -1.77 0.00	33.97 -1.69 0.00	33.64 -1.51 0.00	38.11 -1.51 0.00	40.00 -1.66 0.00	46.99 -1.92 0.00	48.23 -0.81 0.00	43.81 -0.36 0.00	41.69 -0.01 0.00	49.87 -0.49 0.00	54.42 -0.28 0.00	55.77 -0.18 0.00	59.66 -0.17 0.00	70.70 0.13 0.00	58.46 0.12 0.00

HUNTLEY___68 23562	48.87 -1.41 0.00	39.07 -1.95 0.00	32.07 -1.77 0.00	33.97 -1.69 0.00	33.64 -1.51 0.00	38.11 -1.51 0.00	40.00 -1.66 0.00	46.99 -1.92 0.00	48.23 -0.81 0.00	43.81 -0.36 0.00	41.69 -0.01 0.00	49.87 -0.49 0.00	54.42 -0.28 0.00	55.77 -0.18 0.00	59.66 -0.17 0.00	70.70 0.13 0.00	58.46 0.12 0.00
HYLAND___LFGE 323620	52.57 2.29 0.00	42.14 1.12 0.00	34.58 0.74 0.00	36.55 0.89 0.00	36.19 1.04 0.00	41.06 1.44 0.00	43.33 1.66 0.00	50.80 1.90 0.00	51.43 2.40 0.00	45.53 1.36 0.00	43.16 1.47 0.00	51.61 1.24 0.00	56.46 1.76 0.00	57.62 1.67 0.00	61.73 1.90 0.00	73.43 2.86 0.00	60.89 2.54 0.00
INDECK___CORINTH 23802	51.81 1.52 0.00	42.49 1.46 0.00	35.14 1.30 0.00	37.04 1.38 0.00	36.48 1.33 0.00	40.97 1.35 0.00	42.82 1.16 0.00	50.28 1.37 0.00	49.91 0.87 0.00	44.53 0.36 0.00	41.54 -0.16 0.00	50.47 0.11 0.00	54.87 0.17 0.00	55.85 -0.10 0.00	60.10 0.27 0.00	71.14 0.56 0.00	59.40 1.06 0.00
INDECK___ILION 23567	50.65 0.36 0.00	41.44 0.41 0.00	34.27 0.43 0.00	36.11 0.45 0.00	35.58 0.43 0.00	40.32 0.45 -0.25	41.96 0.30 0.00	49.11 0.20 0.00	48.95 -0.08 0.00	43.83 -0.34 0.00	41.29 -0.40 0.00	53.92 -0.36 -3.92	61.92 -0.35 -7.56	64.35 -0.37 -8.77	59.62 -0.21 0.00	70.45 -0.12 0.00	58.52 0.18 0.00
INDECK___OLEAN 23982	48.43 -0.90 0.96	39.50 -1.53 0.00	32.52 -1.32 0.00	32.25 -1.15 2.26	30.45 -0.95 3.75	35.95 -0.86 2.81	40.46 -1.01 0.19	47.86 -1.05 0.00	48.83 -0.21 0.00	44.30 0.13 0.00	42.11 0.41 0.00	50.45 0.09 0.00	54.91 0.20 0.00	56.12 0.17 0.00	60.01 0.18 0.00	71.59 1.02 0.00	59.22 0.87 0.00
INDECK___OSWEGO 23783	49.09 -1.19 0.00	39.93 -1.10 0.00	32.93 -0.91 0.00	34.70 -0.96 0.00	34.21 -0.94 0.00	38.97 -1.02 -0.37	40.52 -1.15 0.00	47.40 -1.51 0.00	47.57 -1.46 0.00	42.87 -1.30 0.00	40.50 -1.19 0.00	54.60 -1.47 -5.70	64.20 -1.50 -10.99	67.09 -1.61 -12.75	57.92 -1.91 0.00	68.24 -2.33 0.00	56.48 -1.87 0.00
INDECK___YERKES 23781	48.58 -1.05 0.65	39.34 -1.68 0.00	32.26 -1.58 0.00	32.60 -1.52 1.54	31.26 -1.34 2.55	36.44 -1.27 1.91	40.12 -1.41 0.13	47.31 -1.60 0.00	48.57 -0.46 0.00	44.15 -0.03 0.00	42.02 0.32 0.00	50.22 -0.14 0.00	54.87 0.16 0.00	56.23 0.28 0.00	60.19 0.35 0.00	71.29 0.71 0.00	58.87 0.53 0.00
INDIAN POINT_GT_1 24139	51.76 1.48 0.00	42.20 1.17 0.00	34.92 1.08 0.00	36.70 1.05 0.00	36.18 1.03 0.00	40.72 1.10 0.00	42.94 1.28 0.00	50.71 1.80 0.00	50.96 1.92 0.00	46.17 2.00 0.00	43.64 1.94 0.00	52.92 2.56 0.00	57.60 2.90 0.00	58.88 2.93 0.00	63.29 3.46 0.00	74.58 4.00 0.00	62.30 3.96 0.00
INDIAN POINT_GT_2 23659	51.76 1.48 0.00	42.20 1.17 0.00	34.92 1.08 0.00	36.70 1.05 0.00	36.18 1.03 0.00	40.72 1.10 0.00	42.94 1.28 0.00	50.71 1.80 0.00	50.96 1.92 0.00	46.17 2.00 0.00	43.64 1.94 0.00	52.92 2.56 0.00	57.60 2.90 0.00	58.88 2.93 0.00	63.29 3.46 0.00	74.58 4.00 0.00	62.30 3.96 0.00
INDIAN POINT_GT_3 24019	51.76 1.48 0.00	42.20 1.17 0.00	34.92 1.08 0.00	36.70 1.05 0.00	36.18 1.03 0.00	40.72 1.10 0.00	42.94 1.28 0.00	50.71 1.80 0.00	50.96 1.92 0.00	46.17 2.00 0.00	43.64 1.94 0.00	52.92 2.56 0.00	57.60 2.90 0.00	58.88 2.93 0.00	63.29 3.46 0.00	74.58 4.00 0.00	62.30 3.96 0.00
INDIAN POINT___2 23530	51.71 1.43 0.00	42.16 1.14 0.00	34.89 1.05 0.00	36.67 1.02 0.00	36.16 1.01 0.00	40.70 1.08 0.00	42.91 1.25 0.00	50.66 1.75 0.00	50.91 1.87 0.00	46.14 1.97 0.00	43.61 1.91 0.00	52.89 2.53 0.00	57.59 2.88 0.00	58.86 2.91 0.00	63.27 3.44 0.00	74.56 3.98 0.00	62.26 3.90 0.00
INDIAN POINT___3 23531	51.72 1.44 0.00	42.16 1.14 0.00	34.89 1.05 0.00	36.68 1.03 0.00	36.16 1.01 0.00	40.71 1.09 0.00	42.92 1.26 0.00	50.67 1.76 0.00	50.92 1.88 0.00	46.14 1.97 0.00	43.60 1.90 0.00	52.87 2.52 0.00	57.55 2.84 0.00	58.81 2.86 0.00	63.21 3.38 0.00	74.47 3.90 0.00	62.19 3.85 0.00
INDIANHD_69_KV_BK1 55831	51.85 1.57 0.00	42.60 1.58 0.00	35.29 1.45 0.00	37.06 1.40 0.00	36.67 1.52 0.00	41.12 1.50 0.00	43.26 1.60 0.00	50.98 2.06 0.00	51.11 2.08 0.00	46.64 2.46 0.00	43.86 2.17 0.00	53.12 2.76 0.00	58.34 3.64 0.00	60.07 4.12 0.00	64.59 4.76 0.00	75.40 4.82 0.00	63.34 4.99 0.00
INGHAM_C_115KV_TB7 356103	50.86 0.57 0.00	41.76 0.74 0.00	34.62 0.79 0.00	36.48 0.82 0.00	35.95 0.81 0.00	40.70 0.83 -0.25	42.17 0.51 0.00	49.15 0.24 0.00	48.60 -0.44 0.00	43.15 -1.02 0.00	40.54 -1.15 0.00	53.13 -1.16 -3.92	61.09 -1.18 -7.56	63.46 -1.26 -8.77	58.85 -0.98 0.00	69.63 -0.95 0.00	58.05 -0.29 0.00
IP CORINTH___1 23988	52.10 1.81 0.00	42.71 1.68 0.00	35.31 1.47 0.00	37.23 1.57 0.00	36.67 1.52 0.00	41.19 1.57 0.00	43.05 1.39 0.00	50.55 1.64 0.00	50.19 1.15 0.00	44.79 0.62 0.00	41.77 0.08 0.00	50.75 0.39 0.00	55.18 0.48 0.00	56.18 0.23 0.00	60.43 0.60 0.00	71.54 0.97 0.00	59.69 1.35 0.00

IP__TICONDEROGA 23804	55.38 5.10 0.00	45.23 4.20 0.00	37.34 3.51 0.00	39.32 3.66 0.00	38.68 3.53 0.00	43.33 3.71 0.00	45.27 3.61 0.00	52.87 3.96 0.00	51.94 2.91 0.00	45.80 1.63 0.00	42.63 0.93 0.00	52.35 1.99 0.00	56.86 2.15 0.00	57.84 1.88 0.00	62.42 2.59 0.00	74.59 4.02 0.00	62.94 4.59 0.00
ISLIP_RES_REC 323679	52.11 1.82 0.00	42.80 1.77 0.00	35.45 1.61 0.00	37.22 1.56 0.00	36.85 1.70 0.00	41.31 1.68 0.00	43.45 1.79 0.00	51.22 2.31 0.00	51.37 2.33 0.00	46.97 2.80 0.00	44.20 2.51 0.00	53.53 3.17 0.00	58.83 4.12 0.00	60.68 4.73 0.00	65.36 5.53 0.00	76.02 5.45 0.00	63.80 5.46 0.00
JAMAICA__27_KV_LOAD 355505	52.63 2.35 0.00	42.86 1.84 0.00	35.46 1.62 0.00	37.28 1.63 0.00	36.74 1.59 0.00	41.39 1.77 0.00	43.73 2.07 0.00	51.70 2.79 0.00	52.07 3.04 0.00	47.18 3.01 0.00	44.36 2.66 0.00	53.85 3.49 0.00	58.56 3.85 0.00	59.85 3.90 0.00	64.52 4.69 0.00	75.93 5.35 0.00	63.42 5.06 0.00
JANIS__SOLAR 323808	52.33 1.84 -0.21	42.18 1.16 0.00	34.74 0.91 0.00	37.15 1.00 -0.49	36.99 1.03 -0.81	41.55 1.32 -0.61	43.17 1.46 -0.04	50.66 1.75 0.00	50.60 1.56 0.00	45.13 0.96 0.00	42.35 0.65 0.00	51.25 0.89 0.00	55.88 1.17 0.00	57.18 1.23 0.00	61.25 1.41 0.00	73.05 2.47 0.00	60.64 2.29 0.00
JARVIS____ 23743	50.33 0.05 0.00	41.11 0.08 0.00	33.94 0.10 0.00	35.77 0.11 0.00	35.25 0.10 0.00	39.96 0.09 -0.25	41.70 0.04 0.00	48.95 0.04 0.00	49.02 -0.02 0.00	44.14 -0.03 0.00	41.65 -0.04 0.00	54.24 -0.05 -3.92	62.24 -0.03 -7.56	64.68 -0.04 -8.77	59.88 0.04 0.00	70.66 0.08 0.00	58.58 0.24 0.00
JENNISON__1 23625	52.11 1.82 0.00	42.23 1.20 0.00	34.81 0.97 0.00	36.71 1.05 0.00	36.23 1.08 0.00	40.96 1.34 0.00	43.13 1.47 0.00	50.65 1.74 0.00	50.80 1.76 0.00	45.54 1.37 0.00	42.83 1.13 0.00	51.84 1.48 0.00	56.59 1.88 0.00	57.87 1.92 0.00	62.07 2.24 0.00	73.88 3.31 0.00	61.45 3.10 0.00
JENNISON__2 23626	52.11 1.82 0.00	42.23 1.20 0.00	34.81 0.97 0.00	36.71 1.05 0.00	36.23 1.08 0.00	40.96 1.34 0.00	43.13 1.47 0.00	50.65 1.74 0.00	50.80 1.76 0.00	45.54 1.37 0.00	42.83 1.13 0.00	51.84 1.48 0.00	56.59 1.88 0.00	57.87 1.92 0.00	62.07 2.24 0.00	73.88 3.31 0.00	61.45 3.10 0.00
JERICO_RISE_WT_PWR 323719	50.65 0.37 0.00	41.38 0.35 0.00	33.95 0.11 0.00	35.78 0.12 0.00	35.26 0.11 0.00	40.51 0.13 -0.76	41.94 0.27 0.00	49.36 0.45 0.00	49.46 0.42 0.00	44.39 0.22 0.00	41.92 0.22 0.00	62.18 0.12 -11.70	77.22 -0.04 -22.55	82.03 -0.06 -26.14	59.31 -0.52 0.00	69.81 -0.77 0.00	57.51 -0.84 0.00
KATONAH__115KV_46KV_TB4 355592	51.96 1.67 0.00	42.37 1.34 0.00	35.05 1.21 0.00	36.85 1.19 0.00	36.33 1.18 0.00	40.87 1.25 0.00	43.10 1.44 0.00	50.91 2.00 0.00	51.16 2.12 0.00	46.37 2.20 0.00	43.81 2.11 0.00	53.14 2.78 0.00	57.86 3.15 0.00	59.17 3.22 0.00	63.63 3.80 0.00	75.01 4.44 0.00	62.61 4.25 0.00
KCE_NY_1 323755	52.09 1.81 0.00	42.71 1.69 0.00	35.31 1.47 0.00	37.25 1.59 0.00	36.69 1.54 0.00	41.25 1.63 0.00	43.15 1.48 0.00	50.67 1.76 0.00	50.43 1.39 0.00	45.12 0.95 0.00	42.30 0.61 0.00	51.33 0.97 0.00	55.76 1.05 0.00	56.96 1.01 0.00	61.15 1.31 0.00	72.30 1.72 0.00	60.22 1.87 0.00
KCE_NY_6_ESR 323823	48.74 -0.81 0.73	39.51 -1.51 0.00	32.42 -1.42 0.00	32.63 -1.31 1.72	31.18 -1.12 2.85	36.44 -1.05 2.13	40.35 -1.16 0.15	47.63 -1.28 0.00	48.84 -0.19 0.00	44.34 0.17 0.00	42.22 0.53 0.00	50.52 0.16 0.00	55.17 0.46 0.00	56.50 0.55 0.00	60.47 0.63 0.00	71.84 1.27 0.00	59.41 1.05 0.00
KEDC_PORT_JEFF_GT2 24210	51.80 1.52 0.00	42.55 1.53 0.00	35.25 1.41 0.00	37.03 1.37 0.00	36.65 1.51 0.00	41.08 1.46 0.00	43.20 1.54 0.00	50.90 1.98 0.00	51.01 1.97 0.00	46.61 2.44 0.00	43.84 2.15 0.00	53.06 2.70 0.00	58.29 3.58 0.00	60.05 4.10 0.00	64.59 4.76 0.00	75.04 4.47 0.00	62.76 4.41 0.00
KEDC_PORT_JEFF_GT3 24211	51.80 1.52 0.00	42.55 1.53 0.00	35.25 1.41 0.00	37.03 1.37 0.00	36.65 1.51 0.00	41.08 1.46 0.00	43.20 1.54 0.00	50.90 1.98 0.00	51.01 1.97 0.00	46.61 2.44 0.00	43.84 2.15 0.00	53.06 2.70 0.00	58.29 3.58 0.00	60.05 4.10 0.00	64.59 4.76 0.00	75.04 4.47 0.00	62.76 4.41 0.00
KEDC_GLWD_GT4 24219	52.18 1.90 0.00	42.66 1.64 0.00	35.28 1.44 0.00	37.07 1.41 0.00	36.56 1.41 0.00	41.12 1.50 0.00	43.35 1.69 0.00	51.18 2.27 0.00	51.44 2.40 0.00	46.75 2.58 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.52 3.81 0.00	59.89 3.94 0.00	64.15 4.32 0.00	75.25 4.68 0.00	62.95 4.60 0.00
KEDC_GLWD_GT5 24220	52.18 1.90 0.00	42.66 1.64 0.00	35.28 1.44 0.00	37.07 1.41 0.00	36.56 1.41 0.00	41.12 1.50 0.00	43.35 1.69 0.00	51.18 2.27 0.00	51.44 2.40 0.00	46.75 2.58 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.52 3.81 0.00	59.89 3.94 0.00	64.15 4.32 0.00	75.25 4.68 0.00	62.95 4.60 0.00

KENSICO____ 23655	51.90 1.62 0.00	42.31 1.29 0.00	35.01 1.17 0.00	36.80 1.14 0.00	36.28 1.13 0.00	40.84 1.21 0.00	43.06 1.40 0.00	50.86 1.96 0.00	51.13 2.10 0.00	46.34 2.17 0.00	43.78 2.08 0.00	53.09 2.73 0.00	57.79 3.08 0.00	59.05 3.10 0.00	63.49 3.66 0.00	74.79 4.21 0.00	62.43 4.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	52.22 1.93 0.00	42.50 1.47 0.00	35.12 1.28 0.00	36.92 1.26 0.00	36.38 1.24 0.00	40.96 1.34 0.00	43.19 1.53 0.00	51.01 2.10 0.00	51.21 2.17 0.00	46.29 2.11 0.00	43.66 1.96 0.00	52.86 2.50 0.00	57.57 2.86 0.00	59.30 3.35 0.00	63.70 3.87 0.00	74.88 4.30 0.00	62.60 4.24 0.00
KIAC_JFK_GT1 23816	52.28 2.00 0.00	42.59 1.56 0.00	35.24 1.41 0.00	37.05 1.39 0.00	36.51 1.36 0.00	41.13 1.51 0.00	43.44 1.78 0.00	51.36 2.45 0.00	51.72 2.69 0.00	46.87 2.70 0.00	44.07 2.37 0.00	53.44 3.08 0.00	57.99 3.28 0.00	59.28 3.33 0.00	63.89 4.05 0.00	75.15 4.58 0.00	62.77 4.42 0.00
KIAC_JFK_GT2 23817	52.28 2.00 0.00	42.59 1.56 0.00	35.24 1.41 0.00	37.05 1.39 0.00	36.51 1.36 0.00	41.13 1.51 0.00	43.44 1.78 0.00	51.36 2.45 0.00	51.72 2.69 0.00	46.87 2.70 0.00	44.07 2.37 0.00	53.44 3.08 0.00	57.99 3.28 0.00	59.28 3.33 0.00	63.89 4.05 0.00	75.15 4.58 0.00	62.77 4.42 0.00
KIAC_JFK____ 323774	52.27 1.99 0.00	42.58 1.55 0.00	35.24 1.41 0.00	37.05 1.39 0.00	36.51 1.36 0.00	41.12 1.50 0.00	43.44 1.78 0.00	51.36 2.45 0.00	51.72 2.68 0.00	46.87 2.70 0.00	44.07 2.37 0.00	53.44 3.08 0.00	57.99 3.28 0.00	59.28 3.33 0.00	63.89 4.05 0.00	75.16 4.58 0.00	62.77 4.42 0.00
KINTIGH_24_KV_GSU 356498	48.36 -1.40 0.52	39.20 -1.82 0.00	32.20 -1.64 0.00	32.86 -1.57 1.23	31.68 -1.42 2.04	36.63 -1.46 1.53	39.96 -1.60 0.11	47.05 -1.86 0.00	48.13 -0.91 0.00	43.65 -0.52 0.00	41.50 -0.19 0.00	49.74 -0.62 0.00	54.23 -0.48 0.00	55.55 -0.40 0.00	59.43 -0.40 0.00	70.42 -0.15 0.00	58.22 -0.13 0.00
KINTIGH____ 23543	48.82 -1.46 0.00	39.18 -1.85 0.00	32.19 -1.65 0.00	34.07 -1.59 0.00	33.70 -1.45 0.00	38.14 -1.48 0.00	40.05 -1.61 0.00	47.02 -1.89 0.00	48.09 -0.95 0.00	43.63 -0.54 0.00	41.48 -0.21 0.00	49.72 -0.64 0.00	54.20 -0.51 0.00	55.53 -0.42 0.00	59.44 -0.39 0.00	70.38 -0.19 0.00	58.22 -0.14 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.46 1.18 0.00	42.02 0.99 0.00	34.45 0.61 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.30 0.67 0.00	42.49 0.83 0.00	50.05 1.14 0.00	49.94 0.90 0.00	44.74 0.57 0.00	42.19 0.50 0.00	50.87 0.51 0.00	55.03 0.32 0.00	56.23 0.28 0.00	59.58 -0.25 0.00	70.34 -0.23 0.00	58.09 -0.25 0.00
LACHUTE____HYDRO 323717	55.38 5.10 0.00	45.23 4.20 0.00	37.34 3.50 0.00	39.32 3.66 0.00	38.68 3.53 0.00	43.33 3.71 0.00	45.27 3.61 0.00	52.87 3.96 0.00	51.94 2.91 0.00	45.79 1.63 0.00	42.63 0.93 0.00	52.35 1.99 0.00	56.86 2.15 0.00	57.84 1.89 0.00	62.42 2.59 0.00	74.59 4.02 0.00	62.94 4.59 0.00
LAWRNCV_115KV_TB1 80681	51.13 0.85 0.00	41.62 0.60 0.00	34.13 0.29 0.00	35.98 0.32 0.00	35.45 0.30 0.00	49.56 0.45 -9.49	42.50 0.81 -0.02	49.71 0.79 0.00	49.63 0.59 0.00	44.59 0.42 0.00	42.08 0.38 0.00	197.23 0.24 -146.63	337.43 0.05 -282.68	384.02 0.32 -327.75	59.13 -0.70 0.00	69.38 -1.19 0.00	56.69 -1.65 0.00
LEDERLE____ 23769	52.11 1.82 0.00	42.44 1.42 0.00	35.12 1.28 0.00	36.91 1.25 0.00	36.39 1.24 0.00	40.96 1.34 0.00	43.20 1.54 0.00	51.02 2.11 0.00	51.30 2.27 0.00	46.52 2.35 0.00	44.01 2.31 0.00	53.43 3.07 0.00	58.21 3.50 0.00	59.53 3.59 0.00	64.01 4.18 0.00	75.46 4.88 0.00	63.01 4.66 0.00
LIGHTHSE_115KV_TB6 355974	50.40 0.11 0.00	40.80 -0.22 0.00	33.62 -0.22 0.00	35.45 -0.21 0.00	34.91 -0.24 0.00	40.32 -0.16 -0.86	41.54 -0.12 0.00	48.57 -0.34 0.00	48.67 -0.36 0.00	43.80 -0.37 0.00	41.29 -0.41 0.00	63.12 -0.50 -13.26	79.93 -0.34 -25.56	85.29 -0.30 -29.64	59.39 -0.44 0.00	69.82 -0.75 0.00	57.77 -0.58 0.00
LINDEN COGEN____ 23786	51.99 1.71 0.00	42.38 1.35 0.00	35.07 1.23 0.00	36.84 1.18 0.00	36.33 1.18 0.00	40.91 1.29 0.00	43.22 1.56 0.00	51.06 2.15 0.00	51.39 2.35 0.00	46.57 2.40 0.00	43.97 2.27 0.00	53.32 2.96 0.00	57.94 3.26 0.03	58.57 3.18 0.57	63.64 3.80 0.00	74.95 4.38 0.00	62.54 4.19 0.00
LINDHRST_69_KV_BK1 356055	52.34 2.05 0.00	42.97 1.95 0.00	35.54 1.70 0.00	37.30 1.64 0.00	36.86 1.72 0.00	41.39 1.76 0.00	43.57 1.91 0.00	51.40 2.49 0.00	51.59 2.55 0.00	47.00 2.83 0.00	44.32 2.62 0.00	53.64 3.28 0.00	58.89 4.18 0.00	60.47 4.52 0.00	64.94 5.11 0.00	76.15 5.58 0.00	63.88 5.53 0.00
LIPA_MISC_IPP 23656	51.69 1.40 0.00	42.41 1.39 0.00	35.16 1.32 0.00	36.93 1.27 0.00	36.61 1.47 0.00	40.96 1.34 0.00	43.04 1.38 0.00	50.70 1.79 0.00	50.80 1.76 0.00	46.43 2.26 0.00	43.65 1.95 0.00	52.78 2.42 0.00	57.97 3.27 0.00	59.77 3.82 0.00	64.33 4.50 0.00	75.06 4.48 0.00	63.00 4.64 0.00

LISF___SOLAR 323691	51.76 1.47 0.00	42.47 1.45 0.00	35.21 1.37 0.00	36.98 1.32 0.00	36.67 1.52 0.00	41.03 1.41 0.00	43.11 1.44 0.00	50.78 1.87 0.00	50.84 1.81 0.00	46.50 2.33 0.00	43.70 2.00 0.00	52.82 2.46 0.00	58.06 3.35 0.00	59.88 3.93 0.00	64.48 4.65 0.00	75.24 4.67 0.00	63.11 4.77 0.00
LITTLE FALLS___HYD 24013	50.86 0.57 0.00	41.76 0.74 0.00	34.62 0.79 0.00	36.48 0.82 0.00	35.95 0.81 0.00	40.70 0.83 -0.25	42.17 0.51 0.00	49.15 0.24 0.00	48.60 -0.44 0.00	43.15 -1.02 0.00	40.54 -1.15 0.00	53.13 -1.16 -3.92	61.09 -1.18 -7.56	63.46 -1.26 -8.77	58.85 -0.98 0.00	69.63 -0.95 0.00	58.05 -0.29 0.00
LITTLRIV_115KV_TB1 356100	51.81 1.53 0.00	42.16 1.13 0.00	34.57 0.74 0.00	36.45 0.79 0.00	35.93 0.78 0.00	49.67 1.00 -9.05	43.08 1.40 -0.02	50.23 1.32 0.00	49.90 0.87 0.00	45.00 0.83 0.00	42.42 0.72 0.00	190.75 0.50 -139.89	324.73 0.34 -269.68	369.39 0.76 -312.68	59.38 -0.45 0.00	69.86 -0.72 0.00	57.16 -1.19 0.00
LI_NEWBRDGE___DRP 323616	51.63 1.34 0.00	42.37 1.34 0.00	35.04 1.20 0.00	36.81 1.15 0.00	36.36 1.21 0.00	40.82 1.20 0.00	43.01 1.35 0.00	50.71 1.81 0.00	50.90 1.87 0.00	46.29 2.12 0.00	43.64 1.94 0.00	52.87 2.51 0.00	57.84 3.13 0.00	59.28 3.32 0.00	63.70 3.87 0.00	74.69 4.11 0.00	62.60 4.25 0.00
LOCKPORT_115KV_TB60_63_64 80432	48.78 -1.50 0.00	39.03 -1.99 0.00	32.02 -1.82 0.00	33.77 -1.89 0.00	33.36 -1.79 0.00	37.90 -1.72 0.00	39.96 -1.71 0.00	46.93 -1.98 0.00	48.10 -0.93 0.00	43.70 -0.47 0.00	41.55 -0.15 0.00	49.49 -0.87 0.00	53.98 -0.73 0.00	55.32 -0.63 0.00	59.24 -0.60 0.00	70.19 -0.39 0.00	58.10 -0.24 0.00
LOCKPORT___CC1 323769	48.20 -1.49 0.58	39.01 -2.01 0.00	32.01 -1.83 0.00	32.43 -1.85 1.38	31.12 -1.74 2.29	36.23 -1.68 1.71	39.82 -1.72 0.12	46.91 -2.00 0.00	48.12 -0.92 0.00	43.67 -0.50 0.00	41.53 -0.16 0.00	49.51 -0.84 0.00	54.01 -0.70 0.00	55.36 -0.59 0.00	59.19 -0.64 0.00	70.22 -0.36 0.00	58.11 -0.24 0.00
LOCKPORT___CC2 323770	48.20 -1.49 0.58	39.01 -2.01 0.00	32.01 -1.83 0.00	32.43 -1.85 1.38	31.12 -1.74 2.29	36.23 -1.68 1.71	39.82 -1.72 0.12	46.91 -2.00 0.00	48.12 -0.92 0.00	43.67 -0.50 0.00	41.53 -0.16 0.00	49.51 -0.84 0.00	54.01 -0.70 0.00	55.36 -0.59 0.00	59.19 -0.64 0.00	70.22 -0.36 0.00	58.11 -0.24 0.00
LOCKPORT___CC3 323771	48.20 -1.49 0.58	39.01 -2.01 0.00	32.01 -1.83 0.00	32.43 -1.85 1.38	31.12 -1.74 2.29	36.23 -1.68 1.71	39.82 -1.72 0.12	46.91 -2.00 0.00	48.12 -0.92 0.00	43.67 -0.50 0.00	41.53 -0.16 0.00	49.51 -0.84 0.00	54.01 -0.70 0.00	55.36 -0.59 0.00	59.19 -0.64 0.00	70.22 -0.36 0.00	58.11 -0.24 0.00
LOCUSVLY_69_KV_BK2 55797	52.19 1.90 0.00	42.78 1.75 0.00	35.33 1.50 0.00	37.11 1.45 0.00	36.64 1.49 0.00	41.17 1.55 0.00	43.40 1.73 0.00	51.19 2.28 0.00	51.47 2.43 0.00	46.82 2.65 0.00	44.24 2.54 0.00	53.64 3.28 0.00	58.66 3.95 0.00	60.09 4.14 0.00	64.54 4.70 0.00	75.66 5.08 0.00	63.36 5.01 0.00
LONG_LAKE_PHOENIX 24014	49.27 -1.02 0.00	40.06 -0.97 0.00	33.03 -0.81 0.00	34.81 -0.85 0.00	34.34 -0.81 0.00	39.04 -0.87 -0.29	40.67 -0.99 0.00	47.62 -1.30 0.00	47.80 -1.24 0.00	43.08 -1.09 0.00	40.69 -1.01 0.00	53.59 -1.24 -4.48	62.15 -1.19 -8.63	64.72 -1.23 -10.00	58.65 -1.18 0.00	69.33 -1.25 0.00	57.42 -0.93 0.00
LOVETT___3 23632	51.68 1.39 0.00	42.12 1.09 0.00	34.85 1.02 0.00	36.65 0.99 0.00	36.13 0.98 0.00	40.66 1.04 0.00	42.88 1.21 0.00	50.62 1.71 0.00	50.87 1.83 0.00	46.10 1.93 0.00	43.56 1.86 0.00	52.84 2.48 0.00	57.52 2.81 0.00	58.77 2.82 0.00	63.16 3.32 0.00	74.43 3.86 0.00	62.14 3.79 0.00
LOVETT___4 23642	51.68 1.39 0.00	42.12 1.09 0.00	34.85 1.02 0.00	36.65 0.99 0.00	36.13 0.98 0.00	40.66 1.04 0.00	42.88 1.21 0.00	50.62 1.71 0.00	50.87 1.83 0.00	46.10 1.93 0.00	43.56 1.86 0.00	52.84 2.48 0.00	57.52 2.81 0.00	58.77 2.82 0.00	63.16 3.32 0.00	74.43 3.86 0.00	62.14 3.79 0.00
LOVETT___5 23593	51.68 1.39 0.00	42.12 1.09 0.00	34.85 1.02 0.00	36.65 0.99 0.00	36.13 0.98 0.00	40.66 1.04 0.00	42.88 1.21 0.00	50.62 1.71 0.00	50.87 1.83 0.00	46.10 1.93 0.00	43.56 1.86 0.00	52.84 2.48 0.00	57.52 2.81 0.00	58.77 2.82 0.00	63.16 3.32 0.00	74.43 3.86 0.00	62.14 3.79 0.00
LOWER RAQUET___HYD 24057	51.15 0.87 0.00	41.63 0.60 0.00	34.13 0.29 0.00	35.98 0.32 0.00	35.44 0.29 0.00	48.71 0.45 -8.64	42.50 0.81 -0.02	49.67 0.76 0.00	49.56 0.52 0.00	44.54 0.37 0.00	42.02 0.33 0.00	184.07 0.15 -133.55	312.14 -0.03 -257.46	354.70 0.24 -298.51	59.01 -0.82 0.00	69.17 -1.41 0.00	56.52 -1.83 0.00
LOWER___HUDSON 24059	51.10 0.81 0.00	42.09 1.07 0.00	34.90 1.06 0.00	36.81 1.15 0.00	36.25 1.10 0.00	40.69 1.07 0.00	42.43 0.77 0.00	49.87 0.96 0.00	49.65 0.61 0.00	44.52 0.35 0.00	41.79 0.09 0.00	50.63 0.27 0.00	54.93 0.22 0.00	56.09 0.14 0.00	60.22 0.39 0.00	71.06 0.48 0.00	59.10 0.76 0.00

LOWVILLE_115KV_TB2 356335	52.26 1.98 0.00	42.14 1.12 0.00	34.62 0.78 0.00	36.61 0.95 0.00	35.92 0.77 0.00	43.14 1.04 -2.48	43.04 1.37 -0.01	50.30 1.39 0.00	50.13 1.10 0.00	44.98 0.81 0.00	42.31 0.61 0.00	89.42 0.73 -38.33	129.66 1.06 -73.89	142.99 1.37 -85.67	60.80 0.96 0.00	71.31 0.73 0.00	59.34 0.99 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	52.01 1.73 0.00	42.67 1.65 0.00	35.30 1.46 0.00	37.22 1.57 0.00	36.67 1.52 0.00	41.22 1.60 0.00	43.10 1.44 0.00	50.61 1.70 0.00	50.35 1.32 0.00	45.07 0.90 0.00	42.28 0.58 0.00	51.27 0.90 0.00	55.69 0.98 0.00	56.88 0.92 0.00	61.09 1.26 0.00	72.21 1.63 0.00	60.10 1.76 0.00
LUTHERNY_35_KV_BK2 355980	52.09 1.81 0.00	42.71 1.68 0.00	35.31 1.48 0.00	37.25 1.59 0.00	36.69 1.54 0.00	41.25 1.63 0.00	43.15 1.48 0.00	50.67 1.76 0.00	50.43 1.40 0.00	45.12 0.95 0.00	42.30 0.60 0.00	51.33 0.97 0.00	55.76 1.06 0.00	56.96 1.01 0.00	61.15 1.32 0.00	72.29 1.72 0.00	60.23 1.87 0.00
LWR__OSWEGATCHIE_HYD 23850	51.69 1.41 0.00	41.86 0.83 0.00	34.34 0.50 0.00	36.25 0.59 0.00	35.64 0.49 0.00	46.21 0.73 -5.86	42.76 1.08 -0.02	49.95 1.04 0.00	49.80 0.77 0.00	44.73 0.56 0.00	42.10 0.40 0.00	141.38 0.38 -90.64	229.92 0.48 -174.74	259.29 0.74 -202.60	59.80 -0.03 0.00	70.04 -0.54 0.00	57.75 -0.60 0.00
LYONS_FALL_HYD 23570	51.97 1.69 0.00	42.07 1.04 0.00	34.61 0.77 0.00	36.54 0.88 0.00	35.91 0.76 0.00	42.27 0.99 -1.66	42.87 1.20 0.00	50.17 1.26 0.00	50.08 1.04 0.00	44.96 0.79 0.00	42.36 0.66 0.00	76.89 0.82 -25.71	105.37 1.09 -49.57	114.73 1.30 -57.47	60.99 1.16 0.00	71.74 1.16 0.00	59.63 1.29 0.00
MADISON__COUNTY_LFGE 323628	51.62 1.33 0.00	41.97 0.94 0.00	34.60 0.76 0.00	36.45 0.79 0.00	35.90 0.76 0.00	41.09 0.94 -0.53	42.65 0.99 0.00	50.01 1.10 0.00	49.95 0.92 0.00	44.81 0.63 0.00	42.34 0.64 0.00	59.38 0.82 -8.19	71.50 1.00 -15.80	75.45 1.18 -18.31	61.19 1.36 0.00	72.35 1.78 0.00	60.10 1.76 0.00
MALONE__115KV_TB1 356076	51.32 1.04 0.00	41.83 0.80 0.00	34.29 0.45 0.00	36.12 0.46 0.00	35.60 0.46 0.00	42.92 0.56 -2.74	42.48 0.80 -0.01	49.94 1.03 0.00	49.98 0.94 0.00	44.84 0.67 0.00	42.32 0.62 0.00	93.25 0.59 -42.30	136.66 0.41 -81.54	151.10 0.60 -94.54	59.74 -0.09 0.00	70.27 -0.30 0.00	57.85 -0.49 0.00
MAPLEWOD_115KV_TB3 80458	50.82 0.54 0.00	41.79 0.77 0.00	34.68 0.84 0.00	36.55 0.89 0.00	36.01 0.86 0.00	40.43 0.81 0.00	42.20 0.54 0.00	49.54 0.63 0.00	49.46 0.42 0.00	44.47 0.30 0.00	41.84 0.14 0.00	50.61 0.25 0.00	54.95 0.24 0.00	56.17 0.22 0.00	60.30 0.46 0.00	71.20 0.62 0.00	59.28 0.93 0.00
MAPLE_RIDGE_WT_1 323574	50.19 -0.09 0.00	40.85 -0.17 0.00	33.61 -0.23 0.00	35.51 -0.15 0.00	34.91 -0.24 0.00	39.40 -0.22 0.00	41.54 -0.12 0.00	48.78 -0.13 0.00	48.97 -0.07 0.00	44.12 -0.05 0.00	41.65 -0.04 0.00	50.27 -0.09 0.00	54.57 -0.14 0.00	55.83 -0.12 0.00	59.58 -0.25 0.00	70.14 -0.44 0.00	58.05 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	50.19 -0.09 0.00	40.85 -0.17 0.00	33.61 -0.23 0.00	35.51 -0.15 0.00	34.91 -0.24 0.00	39.40 -0.22 0.00	41.54 -0.12 0.00	48.78 -0.13 0.00	48.97 -0.07 0.00	44.12 -0.05 0.00	41.65 -0.04 0.00	50.27 -0.09 0.00	54.57 -0.14 0.00	55.83 -0.12 0.00	59.58 -0.25 0.00	70.14 -0.44 0.00	58.05 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	50.70 0.42 0.00	41.41 0.39 0.00	33.98 0.14 0.00	35.80 0.14 0.00	35.29 0.14 0.00	39.79 0.17 0.00	41.95 0.29 0.00	49.38 0.46 0.00	49.47 0.43 0.00	44.39 0.22 0.00	41.92 0.22 0.00	50.48 0.12 0.00	54.67 -0.03 0.00	55.87 -0.08 0.00	59.30 -0.53 0.00	69.82 -0.76 0.00	57.57 -0.78 0.00
MARSHVLE_115KV_TB1 80742	52.94 2.66 0.00	42.93 1.91 0.00	35.26 1.42 0.00	37.14 1.48 0.00	36.62 1.47 0.00	41.39 1.77 0.00	43.70 2.04 0.00	50.68 1.77 0.00	50.32 1.29 0.00	45.18 1.01 0.00	42.60 0.91 0.00	51.52 1.16 0.00	55.90 1.19 0.00	57.21 1.26 0.00	61.26 1.43 0.00	72.27 1.69 0.00	59.98 1.64 0.00
MARSH_HILL_WT_PWR 323713	50.38 0.10 0.00	40.44 -0.59 0.00	33.23 -0.61 0.00	35.13 -0.53 0.00	34.79 -0.36 0.00	39.43 -0.18 0.00	41.52 -0.14 0.00	48.54 -0.37 0.00	49.25 0.21 0.00	44.38 0.21 0.00	41.99 0.29 0.00	50.29 -0.07 0.00	55.08 0.37 0.00	55.88 -0.07 0.00	59.69 -0.14 0.00	71.38 0.80 0.00	59.04 0.70 0.00
MCINTYRE_115KV_TB2 80467	52.28 1.99 0.00	42.54 1.51 0.00	34.89 1.05 0.00	36.78 1.12 0.00	36.25 1.10 0.00	50.71 1.38 -9.71	43.49 1.80 -0.03	50.62 1.71 0.00	50.14 1.10 0.00	45.03 0.86 0.00	42.49 0.79 0.00	201.06 0.62 -150.08	344.48 0.45 -289.32	392.23 0.82 -335.46	59.67 -0.16 0.00	70.48 -0.09 0.00	57.68 -0.66 0.00
MECO____69_KV_BK1 80468	53.41 3.13 0.00	43.44 2.42 0.00	35.75 1.91 0.00	37.65 1.99 0.00	37.13 1.98 0.00	41.93 2.31 0.00	44.18 2.52 0.00	51.27 2.35 0.00	50.27 1.24 0.00	44.87 0.70 0.00	42.08 0.38 0.00	50.80 0.44 0.00	55.14 0.43 0.00	56.45 0.50 0.00	60.57 0.73 0.00	71.58 1.01 0.00	59.68 1.34 0.00

MENANDS__115KV_TB5 355628	50.44 0.15 0.00	41.51 0.49 0.00	34.47 0.63 0.00	36.34 0.68 0.00	35.80 0.65 0.00	40.18 0.56 0.00	41.91 0.25 0.00	49.20 0.28 0.00	49.11 0.07 0.00	44.18 0.01 0.00	41.57 -0.13 0.00	50.27 -0.09 0.00	54.55 -0.15 0.00	55.73 -0.21 0.00	59.81 -0.02 0.00	70.58 0.01 0.00	58.69 0.35 0.00
MG INDUSTRY___DRP 24185	50.67 0.39 0.00	41.60 0.58 0.00	34.49 0.65 0.00	36.35 0.69 0.00	35.85 0.70 0.00	40.29 0.67 0.00	42.14 0.47 0.00	49.36 0.45 0.00	49.22 0.19 0.00	44.36 0.19 0.00	41.78 0.08 0.00	50.48 0.12 0.00	54.69 -0.02 0.00	55.78 -0.17 0.00	59.78 -0.06 0.00	70.78 0.20 0.00	58.88 0.53 0.00
MID__OSWEGATCHIE_HYD 23849	51.69 1.41 0.00	41.86 0.83 0.00	34.34 0.50 0.00	36.25 0.59 0.00	35.64 0.49 0.00	46.21 0.73 -5.86	42.76 1.08 -0.02	49.95 1.04 0.00	49.80 0.77 0.00	44.73 0.56 0.00	42.10 0.40 0.00	141.38 0.38 -90.64	229.92 0.48 -174.74	259.29 0.74 -202.60	59.80 -0.03 0.00	70.04 -0.54 0.00	57.75 -0.60 0.00
MID__RAQUETTE_HYD 23851	51.16 0.87 0.00	41.63 0.60 0.00	34.13 0.29 0.00	35.98 0.32 0.00	35.44 0.29 0.00	48.71 0.45 -8.64	42.50 0.81 -0.02	49.67 0.76 0.00	49.56 0.52 0.00	44.54 0.37 0.00	42.02 0.33 0.00	184.07 0.15 -133.55	312.14 -0.03 -257.46	354.70 0.24 -298.51	58.99 -0.85 0.00	69.17 -1.41 0.00	56.52 -1.83 0.00
MILLIKEN___1 23584	50.88 0.59 0.00	41.25 0.22 0.00	33.99 0.15 0.00	35.87 0.21 0.00	35.35 0.20 0.00	39.99 0.37 0.00	42.05 0.39 0.00	49.50 0.59 0.00	49.62 0.59 0.00	44.54 0.37 0.00	42.04 0.34 0.00	50.73 0.37 0.00	55.25 0.54 0.00	56.49 0.54 0.00	60.53 0.69 0.00	71.59 1.01 0.00	59.30 0.95 0.00
MILLIKEN___2 23585	50.88 0.59 0.00	41.25 0.22 0.00	33.99 0.15 0.00	35.87 0.21 0.00	35.35 0.20 0.00	39.99 0.37 0.00	42.05 0.39 0.00	49.50 0.59 0.00	49.62 0.59 0.00	44.54 0.37 0.00	42.04 0.34 0.00	50.73 0.37 0.00	55.25 0.54 0.00	56.49 0.54 0.00	60.53 0.69 0.00	71.59 1.01 0.00	59.30 0.95 0.00
MILLIKEN___DIESEL 23629	50.88 0.59 0.00	41.25 0.22 0.00	33.99 0.15 0.00	35.87 0.21 0.00	35.35 0.20 0.00	39.99 0.37 0.00	42.05 0.39 0.00	49.50 0.59 0.00	49.62 0.59 0.00	44.54 0.37 0.00	42.04 0.34 0.00	50.73 0.37 0.00	55.25 0.54 0.00	56.49 0.54 0.00	60.53 0.69 0.00	71.59 1.01 0.00	59.30 0.95 0.00
MILLSEAT___LFGE 323607	49.34 -0.41 0.53	39.92 -1.11 0.00	32.73 -1.10 0.00	33.31 -1.11 1.25	32.06 -1.01 2.07	37.25 -0.82 1.55	40.81 -0.75 0.11	48.07 -0.84 0.00	49.11 0.08 0.00	44.47 0.30 0.00	42.19 0.49 0.00	50.23 -0.14 0.00	54.80 0.09 0.00	56.15 0.20 0.00	60.09 0.26 0.00	71.47 0.89 0.00	59.26 0.92 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.79 1.51 0.00	42.23 1.21 0.00	34.95 1.11 0.00	36.75 1.08 0.00	36.23 1.08 0.00	40.76 1.14 0.00	42.98 1.32 0.00	50.75 1.84 0.00	51.00 1.97 0.00	46.22 2.05 0.00	43.67 1.97 0.00	52.96 2.60 0.00	57.64 2.93 0.00	58.90 2.95 0.00	63.33 3.50 0.00	74.59 4.02 0.00	62.30 3.96 0.00
MILLWOOD_13_KV_LOAD 356217	51.92 1.63 0.00	42.33 1.30 0.00	35.02 1.18 0.00	36.82 1.16 0.00	36.30 1.15 0.00	40.86 1.23 0.00	43.08 1.42 0.00	50.86 1.96 0.00	51.14 2.10 0.00	46.33 2.16 0.00	43.77 2.07 0.00	53.09 2.73 0.00	57.80 3.09 0.00	59.07 3.12 0.00	63.51 3.68 0.00	74.85 4.28 0.00	62.49 4.14 0.00
MODEL_CITY_ENERGY 24167	47.66 -2.00 0.62	38.64 -2.39 0.00	31.69 -2.15 0.00	31.94 -2.27 1.46	30.54 -2.19 2.41	35.67 -2.15 1.81	39.40 -2.14 0.13	46.41 -2.49 0.00	47.61 -1.43 0.00	43.24 -0.93 0.00	41.12 -0.58 0.00	48.94 -1.42 0.00	53.35 -1.35 0.00	54.67 -1.28 0.00	58.47 -1.37 0.00	69.29 -1.28 0.00	57.35 -1.00 0.00
MODERN_LFGE___ 323580	47.66 -2.00 0.62	38.64 -2.39 0.00	31.69 -2.15 0.00	31.94 -2.27 1.46	30.54 -2.19 2.41	35.67 -2.15 1.81	39.40 -2.14 0.13	46.41 -2.49 0.00	47.61 -1.43 0.00	43.24 -0.93 0.00	41.12 -0.58 0.00	48.94 -1.42 0.00	53.35 -1.35 0.00	54.67 -1.28 0.00	58.47 -1.37 0.00	69.29 -1.28 0.00	57.35 -1.00 0.00
MOHAWK_PAPER___DRP 24187	50.82 0.54 0.00	41.79 0.77 0.00	34.68 0.84 0.00	36.55 0.89 0.00	36.01 0.86 0.00	40.43 0.81 0.00	42.20 0.54 0.00	49.54 0.63 0.00	49.46 0.42 0.00	44.47 0.30 0.00	41.84 0.14 0.00	50.61 0.25 0.00	54.95 0.24 0.00	56.17 0.22 0.00	60.30 0.46 0.00	71.20 0.62 0.00	59.28 0.93 0.00
MOHICAN__35_KV_115KV_LD 80490	52.53 2.25 0.00	43.06 2.04 0.00	35.61 1.77 0.00	37.55 1.89 0.00	36.98 1.83 0.00	41.52 1.90 0.00	43.39 1.73 0.00	50.94 2.03 0.00	50.51 1.48 0.00	45.02 0.85 0.00	42.02 0.33 0.00	51.07 0.71 0.00	55.51 0.80 0.00	56.55 0.60 0.00	60.88 1.05 0.00	72.11 1.53 0.00	60.22 1.87 0.00
MONGAUP___HYD 23641	52.14 1.86 0.00	42.46 1.44 0.00	35.09 1.25 0.00	36.90 1.24 0.00	36.37 1.22 0.00	40.96 1.33 0.00	43.15 1.49 0.00	50.77 1.86 0.00	50.63 1.60 0.00	45.52 1.35 0.00	42.96 1.26 0.00	52.03 1.67 0.00	56.69 1.98 0.00	57.97 2.02 0.00	62.41 2.58 0.00	73.39 2.82 0.00	61.31 2.96 0.00

MONTAUK___DIESEL 23721	53.59 3.31 0.00	43.95 2.93 0.00	36.38 2.54 0.00	38.18 2.52 0.00	37.86 2.72 0.00	42.41 2.79 0.00	44.65 2.99 0.00	52.65 3.74 0.00	52.92 3.88 0.00	48.53 4.36 0.00	45.77 4.07 0.00	55.44 5.07 0.00	60.93 6.23 0.00	62.88 6.93 0.00	67.49 7.66 0.00	78.79 8.21 0.00	66.20 7.86 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.00 -0.28 0.00	39.86 -1.17 0.00	32.75 -1.09 0.00	34.63 -1.03 0.00	34.47 -0.68 0.00	38.95 -0.67 0.00	40.93 -0.74 0.00	48.45 -0.46 0.00	49.63 0.60 0.00	45.29 1.12 0.00	43.10 1.40 0.00	51.59 1.23 0.00	56.17 1.47 0.00	57.26 1.31 0.00	61.13 1.30 0.00	73.14 2.56 0.00	60.71 2.35 0.00
MORRIS_RIDGE___SOLAR 323848	49.53 -0.75 0.00	39.74 -1.28 0.00	32.64 -1.20 0.00	34.52 -1.14 0.00	34.20 -0.95 0.00	38.78 -0.85 0.00	40.77 -0.89 0.00	47.79 -1.12 0.00	48.55 -0.48 0.00	43.65 -0.52 0.00	41.34 -0.35 0.00	49.43 -0.93 0.00	54.13 -0.58 0.00	54.99 -0.96 0.00	58.75 -1.08 0.00	70.07 -0.51 0.00	57.99 -0.36 0.00
MORTIMER_115KV_TB3 55949	49.98 -0.30 0.00	40.23 -0.79 0.00	33.05 -0.79 0.00	34.93 -0.73 0.00	34.53 -0.62 0.00	39.06 -0.56 0.00	41.07 -0.59 0.00	48.24 -0.67 0.00	49.09 0.05 0.00	44.48 0.31 0.00	42.24 0.54 0.00	50.78 0.42 0.00	55.44 0.73 0.00	56.84 0.89 0.00	60.87 1.04 0.00	72.15 1.58 0.00	59.78 1.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.14 1.86 0.00	42.50 1.48 0.00	35.16 1.33 0.00	36.94 1.28 0.00	36.43 1.28 0.00	41.03 1.40 0.00	43.31 1.64 0.00	51.17 2.26 0.00	51.49 2.46 0.00	46.69 2.52 0.00	44.10 2.40 0.00	53.50 3.14 0.00	58.20 3.49 0.00	59.41 3.46 0.00	63.90 4.06 0.00	75.25 4.68 0.00	62.83 4.48 0.00
MUNSVILLE_WIND_PWR 323609	53.90 3.42 -0.19	43.46 2.43 0.00	35.79 1.95 0.00	38.22 2.11 -0.45	38.05 2.15 -0.75	42.80 2.61 -0.56	44.54 2.83 -0.04	52.22 3.31 0.00	52.12 3.08 0.00	46.26 2.09 0.00	43.21 1.51 0.00	52.52 2.15 0.00	57.24 2.53 0.00	58.61 2.66 0.00	62.90 3.06 0.00	75.09 4.52 0.00	62.77 4.42 0.00
N SALMON___HYD 24042	51.32 1.04 0.00	41.82 0.80 0.00	34.29 0.45 0.00	36.12 0.46 0.00	35.60 0.46 0.00	42.92 0.56 -2.74	42.47 0.80 -0.01	49.94 1.03 0.00	49.98 0.94 0.00	44.85 0.67 0.00	42.32 0.62 0.00	93.25 0.59 -42.30	136.66 0.41 -81.54	151.10 0.60 -94.54	59.76 -0.07 0.00	70.27 -0.30 0.00	57.85 -0.49 0.00
N.AKRON___115KV_KNAPP 355671	49.59 -0.69 0.00	39.70 -1.32 0.00	32.56 -1.28 0.00	34.36 -1.30 0.00	33.95 -1.20 0.00	38.57 -1.05 0.00	40.70 -0.96 0.00	47.81 -1.10 0.00	48.90 -0.14 0.00	44.34 0.17 0.00	42.08 0.38 0.00	50.12 -0.24 0.00	54.66 -0.05 0.00	56.02 0.07 0.00	60.00 0.17 0.00	71.25 0.67 0.00	59.04 0.68 0.00
N.BELMOR_69_KV_BK1 55787	52.13 1.85 0.00	42.71 1.69 0.00	35.31 1.48 0.00	37.08 1.43 0.00	36.62 1.47 0.00	41.14 1.52 0.00	43.33 1.66 0.00	51.13 2.22 0.00	51.36 2.32 0.00	46.70 2.53 0.00	44.07 2.38 0.00	53.36 3.00 0.00	58.44 3.74 0.00	59.85 3.90 0.00	64.36 4.53 0.00	75.63 5.05 0.00	63.36 5.02 0.00
N.E._GEN_SANDY PD 24062	50.75 0.49 0.03	46.84 0.87 -4.94	34.78 0.94 0.00	36.69 1.03 0.00	36.11 0.97 0.00	41.39 0.87 -0.90	41.34 0.58 0.90	49.62 0.82 0.11	49.55 0.51 0.00	33.24 0.36 11.28	39.14 0.12 2.67	38.99 0.35 11.73	36.60 0.28 18.39	37.33 0.17 18.79	40.45 0.45 19.82	53.05 0.40 17.92	59.04 0.70 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.85 1.57 0.00	42.24 1.22 0.00	34.95 1.12 0.00	36.76 1.10 0.00	36.23 1.08 0.00	40.77 1.15 0.00	43.00 1.33 0.00	50.76 1.85 0.00	51.01 1.98 0.00	46.25 2.08 0.00	43.74 2.04 0.00	53.09 2.73 0.00	57.82 3.12 0.00	59.11 3.16 0.00	63.57 3.73 0.00	74.93 4.35 0.00	62.60 4.25 0.00
N.QUEENS_27_KV_LOAD 356247	52.10 1.81 0.00	42.49 1.46 0.00	35.16 1.32 0.00	36.90 1.24 0.00	36.40 1.25 0.00	40.99 1.37 0.00	43.30 1.63 0.00	51.12 2.20 0.00	51.43 2.39 0.00	46.63 2.46 0.00	44.07 2.37 0.00	53.47 3.10 0.00	58.21 3.50 0.00	59.35 3.40 0.00	63.89 4.06 0.00	75.29 4.72 0.00	62.89 4.55 0.00
N.TROY___115KV_TB1 355778	51.10 0.82 0.00	42.09 1.07 0.00	34.90 1.06 0.00	36.81 1.15 0.00	36.25 1.10 0.00	40.69 1.07 0.00	42.43 0.77 0.00	49.87 0.96 0.00	49.65 0.62 0.00	44.53 0.36 0.00	41.79 0.09 0.00	50.63 0.27 0.00	54.93 0.22 0.00	56.09 0.14 0.00	60.22 0.39 0.00	71.06 0.48 0.00	59.10 0.76 0.00
NARROWS_GT1_1 24228	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT1_2 24229	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00

NARROWS_GT1_3 24230	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT1_4 24231	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT1_5 24232	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT1_6 24233	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT1_7 24234	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT1_8 24235	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_1 24236	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_2 24237	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_3 24238	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_4 24239	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_5 24240	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_6 24241	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_7 24242	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NARROWS_GT2_8 24243	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.44 3.49 0.00	64.03 4.19 0.00	75.39 4.82 0.00	63.06 4.71 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.48 1.20 0.00	42.26 1.24 0.00	35.03 1.19 0.00	36.89 1.24 0.00	36.38 1.23 0.00	40.90 1.28 0.00	42.80 1.14 0.00	50.21 1.30 0.00	49.97 0.93 0.00	44.81 0.64 0.00	42.10 0.40 0.00	50.88 0.52 0.00	55.21 0.50 0.00	56.48 0.53 0.00	60.73 0.90 0.00	71.88 1.31 0.00	60.13 1.79 0.00

NCHLSEA_115KV_TR2 355582	52.13 1.85 0.00	42.52 1.49 0.00	35.17 1.33 0.00	36.97 1.32 0.00	36.45 1.30 0.00	41.03 1.41 0.00	43.23 1.57 0.00	51.03 2.11 0.00	51.26 2.22 0.00	46.40 2.23 0.00	43.84 2.15 0.00	53.12 2.76 0.00	57.83 3.13 0.00	59.20 3.25 0.00	63.67 3.84 0.00	75.15 4.58 0.00	62.71 4.37 0.00
NEG CAPITAL___MECHNVIL 23645	52.04 1.76 0.00	42.74 1.72 0.00	35.36 1.52 0.00	37.29 1.63 0.00	36.73 1.58 0.00	41.27 1.65 0.00	43.14 1.48 0.00	50.69 1.78 0.00	50.46 1.42 0.00	45.20 1.03 0.00	42.43 0.73 0.00	51.48 1.12 0.00	55.91 1.20 0.00	57.14 1.19 0.00	61.39 1.55 0.00	72.57 2.00 0.00	60.39 2.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.87 -1.19 0.23	39.58 -1.44 0.00	32.56 -1.28 0.00	33.88 -1.25 0.53	33.12 -1.15 0.88	37.79 -1.18 0.66	40.27 -1.34 0.05	47.35 -1.56 0.00	48.77 -0.27 0.00	44.92 0.75 0.00	42.75 1.05 0.00	51.75 1.39 0.00	56.28 1.57 0.00	57.64 1.70 0.00	61.80 1.96 0.00	71.10 0.52 0.00	58.54 0.20 0.00
NEG CENTRAL___DRP 24199	50.22 -0.06 0.00	40.69 -0.34 0.00	33.48 -0.36 0.00	35.34 -0.32 0.00	34.88 -0.27 0.00	39.68 -0.11 -0.17	41.88 0.22 0.00	49.14 0.23 0.00	49.45 0.41 0.00	44.68 0.51 0.00	42.30 0.60 0.00	53.64 0.61 -2.67	60.57 0.72 -5.15	62.36 0.44 -5.97	59.94 0.11 0.00	70.94 0.36 0.00	58.78 0.44 0.00
NEG CENTRAL___INDECK 23768	51.85 1.57 0.00	41.60 0.58 0.00	34.14 0.30 0.00	36.09 0.43 0.00	35.72 0.57 0.00	40.51 0.89 0.00	42.72 1.06 0.00	50.08 1.17 0.00	50.85 1.81 0.00	45.45 1.28 0.00	43.16 1.46 0.00	51.61 1.24 0.00	56.46 1.76 0.00	57.62 1.67 0.00	61.73 1.90 0.00	73.43 2.86 0.00	60.89 2.54 0.00
NEG CENTRAL___SENECA 23627	50.24 -0.05 0.00	40.65 -0.37 0.00	33.44 -0.40 0.00	35.31 -0.36 0.00	34.88 -0.27 0.00	39.53 -0.09 0.00	42.20 0.53 0.00	49.51 0.60 0.00	49.89 0.85 0.00	45.12 0.95 0.00	42.74 1.05 0.00	51.47 1.11 0.00	55.91 1.20 0.00	56.79 0.84 0.00	60.06 0.23 0.00	71.11 0.54 0.00	58.97 0.62 0.00
NEG CENTRAL___STATE_STREET 24147	50.47 0.18 0.00	40.91 -0.11 0.00	33.66 -0.18 0.00	35.60 -0.06 0.00	35.01 -0.14 0.00	39.88 0.08 -0.18	41.64 -0.02 0.00	48.99 0.08 0.00	49.22 0.19 0.00	44.33 0.15 0.00	41.90 0.20 0.00	53.33 0.17 -2.80	60.37 0.26 -5.40	62.29 0.08 -6.25	59.93 0.09 0.00	70.89 0.32 0.00	58.77 0.42 0.00
NEG MILLWOOD___DRP 24198	52.19 1.91 0.00	42.55 1.53 0.00	35.19 1.35 0.00	37.00 1.34 0.00	36.47 1.32 0.00	41.05 1.43 0.00	43.26 1.60 0.00	51.12 2.21 0.00	51.37 2.33 0.00	46.53 2.36 0.00	43.98 2.28 0.00	53.32 2.96 0.00	58.08 3.38 0.00	59.43 3.48 0.00	63.93 4.10 0.00	75.43 4.86 0.00	62.96 4.61 0.00
NEG NORTH_FLCN_SEA 23793	51.32 1.04 0.00	41.93 0.90 0.00	34.39 0.55 0.00	36.21 0.55 0.00	35.68 0.54 0.00	40.22 0.60 0.00	42.38 0.71 0.00	49.96 1.05 0.00	49.91 0.87 0.00	44.69 0.52 0.00	42.11 0.41 0.00	50.71 0.35 0.00	54.90 0.19 0.00	55.93 -0.02 0.00	59.31 -0.52 0.00	69.94 -0.63 0.00	57.74 -0.61 0.00
NEG NORTH_KES_CHATEGAY 23792	50.78 0.49 0.00	41.47 0.44 0.00	34.02 0.18 0.00	35.84 0.18 0.00	35.33 0.18 0.00	40.57 0.21 -0.74	42.02 0.35 0.00	49.40 0.49 0.00	49.47 0.43 0.00	44.40 0.23 0.00	41.92 0.23 0.00	61.93 0.13 -11.44	76.73 -0.04 -22.06	81.46 -0.06 -25.57	59.31 -0.53 0.00	69.81 -0.77 0.00	57.51 -0.84 0.00
NEG NORTH___ALICE_FALLS 23915	51.46 1.18 0.00	42.02 0.99 0.00	34.45 0.61 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.30 0.67 0.00	42.49 0.83 0.00	50.05 1.14 0.00	49.94 0.90 0.00	44.74 0.57 0.00	42.19 0.50 0.00	50.87 0.51 0.00	55.03 0.32 0.00	56.23 0.28 0.00	59.58 -0.25 0.00	70.34 -0.23 0.00	58.09 -0.25 0.00
NEG NORTH___LWR_SARANAC 23913	51.46 1.18 0.00	42.02 0.99 0.00	34.45 0.61 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.30 0.67 0.00	42.49 0.83 0.00	50.05 1.14 0.00	49.94 0.90 0.00	44.74 0.57 0.00	42.19 0.50 0.00	50.87 0.51 0.00	55.03 0.32 0.00	56.23 0.28 0.00	59.58 -0.25 0.00	70.34 -0.23 0.00	58.09 -0.25 0.00
NEG NORTH___PLATTSBURG 23628	51.46 1.18 0.00	42.02 0.99 0.00	34.45 0.61 0.00	36.28 0.62 0.00	35.76 0.61 0.00	40.29 0.67 0.00	42.49 0.83 0.00	50.05 1.14 0.00	49.93 0.90 0.00	44.74 0.57 0.00	42.19 0.50 0.00	50.87 0.51 0.00	55.03 0.32 0.00	56.23 0.28 0.00	59.60 -0.23 0.00	70.34 -0.23 0.00	58.09 -0.25 0.00
NEG WEST_LEA_LOCKPORT 23791	48.76 -1.52 0.00	39.02 -2.01 0.00	32.00 -1.83 0.00	33.80 -1.86 0.00	33.40 -1.75 0.00	37.92 -1.70 0.00	39.94 -1.72 0.00	46.91 -2.00 0.00	48.10 -0.93 0.00	43.68 -0.49 0.00	41.53 -0.16 0.00	49.52 -0.84 0.00	54.02 -0.69 0.00	55.37 -0.59 0.00	59.25 -0.59 0.00	70.21 -0.36 0.00	58.11 -0.24 0.00
NEG WEST___LANCASTR 23811	49.29 -0.99 0.00	39.39 -1.63 0.00	32.36 -1.48 0.00	34.33 -1.33 0.00	34.01 -1.14 0.00	38.52 -1.10 0.00	40.39 -1.27 0.00	47.50 -1.41 0.00	48.60 -0.44 0.00	44.13 -0.04 0.00	41.97 0.27 0.00	50.31 -0.05 0.00	54.93 0.23 0.00	56.28 0.33 0.00	60.21 0.38 0.00	71.60 1.02 0.00	59.11 0.76 0.00

NEG_PENN_ALLEGHNY 23528	50.35 -0.13 -0.20	40.66 -0.37 0.00	33.52 -0.31 0.00	35.84 -0.29 -0.47	35.69 -0.24 -0.78	40.01 -0.20 -0.58	41.50 -0.20 -0.04	48.71 -0.20 0.00	49.02 -0.01 0.00	44.25 0.08 0.00	41.83 0.13 0.00	50.52 0.15 0.00	55.11 0.40 0.00	56.40 0.45 0.00	60.35 0.52 0.00	71.71 1.13 0.00	59.31 0.96 0.00
NEG___GEN_MONROE 24207	50.28 0.00 0.00	40.41 -0.61 0.00	33.19 -0.65 0.00	35.07 -0.59 0.00	34.67 -0.47 0.00	39.25 -0.37 0.00	41.30 -0.36 0.00	48.53 -0.38 0.00	49.36 0.33 0.00	44.71 0.54 0.00	42.45 0.75 0.00	50.93 0.57 0.00	55.48 0.77 0.00	56.88 0.94 0.00	60.94 1.11 0.00	72.31 1.73 0.00	59.95 1.61 0.00
NEPA___ENERGY 23901	48.95 -1.33 0.00	39.13 -1.90 0.00	32.18 -1.66 0.00	34.06 -1.60 0.00	33.71 -1.44 0.00	38.19 -1.43 0.00	40.18 -1.48 0.00	47.41 -1.50 0.00	48.28 -0.76 0.00	43.88 -0.30 0.00	41.74 0.04 0.00	50.16 -0.20 0.00	54.93 0.23 0.00	56.16 0.21 0.00	60.09 0.26 0.00	71.86 1.29 0.00	59.19 0.85 0.00
NEVERSINK___HYD 23608	51.55 1.27 0.00	41.96 0.93 0.00	34.67 0.83 0.00	36.44 0.78 0.00	35.92 0.77 0.00	40.44 0.82 0.00	42.62 0.96 0.00	50.32 1.40 0.00	50.49 1.45 0.00	45.64 1.47 0.00	43.11 1.41 0.00	52.20 1.83 0.00	56.88 2.17 0.00	58.50 2.55 0.00	62.76 2.93 0.00	73.94 3.36 0.00	61.78 3.43 0.00
NEWKRMKL_115KV_TB1 55635	50.29 0.00 0.00	41.35 0.33 0.00	34.33 0.49 0.00	36.18 0.52 0.00	35.65 0.50 0.00	40.05 0.43 0.00	41.82 0.16 0.00	49.06 0.15 0.00	49.02 -0.02 0.00	44.14 -0.04 0.00	41.58 -0.11 0.00	50.22 -0.14 0.00	54.52 -0.19 0.00	55.74 -0.21 0.00	59.81 -0.02 0.00	70.59 0.02 0.00	58.75 0.41 0.00
NEWTON___FALLS_HYD 23847	51.69 1.41 0.00	41.86 0.83 0.00	34.34 0.50 0.00	36.25 0.59 0.00	35.64 0.49 0.00	46.21 0.73 -5.86	42.76 1.08 -0.02	49.95 1.04 0.00	49.80 0.77 0.00	44.73 0.56 0.00	42.10 0.40 0.00	141.38 0.38 -90.64	229.92 0.48 -174.74	259.29 0.74 -202.60	59.80 -0.03 0.00	70.04 -0.54 0.00	57.75 -0.60 0.00
NGRID_A1_DSASP 323792	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
NGRID_A2_DSASP 323793	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
NGRID_A4_DSASP 323807	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
NIAGARA_115E_LBMP 323715	47.36 -2.29 0.64	38.41 -2.61 0.00	31.51 -2.33 0.00	31.67 -2.49 1.50	30.24 -2.43 2.48	35.37 -2.39 1.86	39.16 -2.38 0.13	46.13 -2.78 0.00	47.33 -1.71 0.00	42.99 -1.18 0.00	40.89 -0.81 0.00	48.62 -1.74 0.00	53.00 -1.71 0.00	54.30 -1.66 0.00	58.06 -1.77 0.00	68.77 -1.81 0.00	56.88 -1.46 0.00
NIAGARA_115W_LBMP 323714	47.38 -2.25 0.65	38.38 -2.64 0.00	31.48 -2.36 0.00	31.88 -2.26 1.53	30.61 -2.01 2.53	35.64 -2.08 1.90	39.12 -2.41 0.13	46.06 -2.85 0.00	47.31 -1.72 0.00	42.99 -1.18 0.00	40.90 -0.80 0.00	48.89 -1.47 0.00	53.35 -1.36 0.00	54.67 -1.28 0.00	58.45 -1.39 0.00	68.89 -1.68 0.00	56.77 -1.58 0.00
NIAGARA_230_LBMP 323716	47.71 -1.93 0.64	38.67 -2.35 0.00	31.74 -2.10 0.00	32.13 -2.01 1.52	30.79 -1.84 2.52	35.83 -1.91 1.88	39.43 -2.11 0.13	46.41 -2.50 0.00	47.68 -1.36 0.00	43.28 -0.89 0.00	41.18 -0.51 0.00	49.25 -1.11 0.00	53.71 -0.99 0.00	55.04 -0.91 0.00	58.81 -1.02 0.00	69.65 -0.93 0.00	57.58 -0.77 0.00
NIAGARA___115KV_198_GIBSON 55903	47.99 -2.29 0.00	38.38 -2.64 0.00	31.49 -2.35 0.00	33.40 -2.26 0.00	33.13 -2.01 0.00	37.54 -2.09 0.00	39.25 -2.41 0.00	46.06 -2.85 0.00	47.29 -1.74 0.00	43.00 -1.17 0.00	40.90 -0.80 0.00	48.90 -1.46 0.00	53.36 -1.35 0.00	54.68 -1.27 0.00	58.50 -1.34 0.00	68.90 -1.68 0.00	56.77 -1.58 0.00
NIAGARA____ 23760	47.71 -1.93 0.64	38.67 -2.35 0.00	31.74 -2.10 0.00	32.14 -2.01 1.51	30.81 -1.84 2.50	35.84 -1.91 1.87	39.43 -2.11 0.13	46.41 -2.50 0.00	47.68 -1.36 0.00	43.28 -0.89 0.00	41.18 -0.51 0.00	49.25 -1.11 0.00	53.71 -0.99 0.00	55.04 -0.91 0.00	58.81 -1.02 0.00	69.65 -0.93 0.00	57.58 -0.77 0.00
NINE_MILE_1 23575	48.74 -1.54 0.00	39.68 -1.34 0.00	32.72 -1.12 0.00	34.49 -1.17 0.00	34.01 -1.14 0.00	38.37 -1.25 0.00	40.25 -1.41 0.00	47.11 -1.80 0.00	47.32 -1.71 0.00	42.66 -1.51 0.00	40.31 -1.38 0.00	48.66 -1.70 0.00	52.92 -1.79 0.00	54.15 -1.81 0.00	57.94 -1.90 0.00	68.45 -2.12 0.00	56.66 -1.68 0.00

NINE_MILE_2 23744	48.74 -1.54 0.00	39.68 -1.34 0.00	32.72 -1.12 0.00	34.49 -1.17 0.00	34.02 -1.13 0.00	38.37 -1.25 0.00	40.25 -1.41 0.00	47.11 -1.80 0.00	47.32 -1.71 0.00	42.66 -1.51 0.00	40.31 -1.38 0.00	48.66 -1.70 0.00	52.92 -1.79 0.00	54.15 -1.81 0.00	57.93 -1.90 0.00	68.45 -2.13 0.00	56.66 -1.68 0.00
NM_CAPITAL___DRP 24208	50.31 0.03 0.00	41.41 0.39 0.00	34.38 0.55 0.00	36.26 0.59 0.00	35.71 0.56 0.00	40.09 0.46 0.00	41.82 0.16 0.00	49.10 0.19 0.00	49.02 -0.02 0.00	44.11 -0.06 0.00	41.51 -0.19 0.00	50.17 -0.19 0.00	54.45 -0.26 0.00	55.64 -0.31 0.00	59.72 -0.11 0.00	70.45 -0.13 0.00	58.63 0.28 0.00
NM_CENTRAL___DRP 24181	49.81 -0.48 0.00	40.47 -0.55 0.00	33.36 -0.48 0.00	35.17 -0.49 0.00	34.69 -0.46 0.00	39.41 -0.47 -0.26	41.10 -0.56 0.00	48.17 -0.74 0.00	48.45 -0.59 0.00	43.71 -0.46 0.00	41.36 -0.34 0.00	53.99 -0.41 -4.04	62.18 -0.32 -7.79	64.73 -0.25 -9.03	59.69 -0.14 0.00	70.59 0.02 0.00	58.48 0.13 0.00
NM_FRONTIER___DRP 24179	47.99 -2.29 0.00	38.38 -2.64 0.00	31.49 -2.35 0.00	33.40 -2.26 0.00	33.13 -2.01 0.00	37.54 -2.09 0.00	39.25 -2.41 0.00	46.06 -2.85 0.00	47.29 -1.74 0.00	43.00 -1.17 0.00	40.90 -0.80 0.00	48.90 -1.46 0.00	53.36 -1.35 0.00	54.68 -1.27 0.00	58.50 -1.34 0.00	68.90 -1.68 0.00	56.77 -1.58 0.00
NM_ST_REGIS___HYD 24053	51.24 0.96 0.00	41.72 0.69 0.00	34.20 0.36 0.00	36.04 0.39 0.00	35.52 0.37 0.00	47.55 0.50 -7.42	42.53 0.85 -0.02	49.78 0.87 0.00	49.70 0.66 0.00	44.63 0.46 0.00	42.12 0.42 0.00	165.42 0.29 -114.77	276.06 0.10 -221.25	312.82 0.35 -256.53	59.21 -0.62 0.00	69.48 -1.10 0.00	56.87 -1.47 0.00
NORTHPORT___1 23551	51.37 1.09 0.00	42.33 1.31 0.00	35.10 1.26 0.00	36.87 1.22 0.00	36.46 1.31 0.00	40.88 1.26 0.00	43.01 1.35 0.00	50.64 1.73 0.00	50.65 1.61 0.00	46.16 1.99 0.00	43.33 1.64 0.00	52.40 2.04 0.00	57.43 2.72 0.00	58.98 3.03 0.00	63.38 3.55 0.00	74.17 3.59 0.00	62.31 3.95 0.00
NORTHPORT___2 23552	51.37 1.09 0.00	42.33 1.31 0.00	35.10 1.26 0.00	36.87 1.22 0.00	36.46 1.31 0.00	40.88 1.26 0.00	43.01 1.35 0.00	50.64 1.73 0.00	50.65 1.61 0.00	46.16 1.99 0.00	43.33 1.64 0.00	52.40 2.04 0.00	57.43 2.72 0.00	58.98 3.03 0.00	63.38 3.55 0.00	74.17 3.59 0.00	62.31 3.95 0.00
NORTHPORT___3 23553	51.37 1.09 0.00	42.32 1.30 0.00	35.09 1.25 0.00	36.87 1.21 0.00	36.44 1.29 0.00	40.88 1.26 0.00	43.02 1.36 0.00	50.63 1.72 0.00	50.66 1.62 0.00	46.17 2.00 0.00	43.34 1.64 0.00	52.40 2.04 0.00	57.43 2.72 0.00	58.97 3.03 0.00	63.37 3.54 0.00	74.17 3.60 0.00	62.31 3.95 0.00
NORTHPORT___4 23650	51.37 1.09 0.00	42.32 1.30 0.00	35.09 1.25 0.00	36.87 1.21 0.00	36.44 1.29 0.00	40.88 1.26 0.00	43.02 1.36 0.00	50.63 1.72 0.00	50.66 1.62 0.00	46.17 2.00 0.00	43.34 1.64 0.00	52.40 2.04 0.00	57.43 2.72 0.00	58.97 3.03 0.00	63.37 3.54 0.00	74.17 3.60 0.00	62.31 3.95 0.00
NORTHPORT___IC 23718	51.40 1.11 0.00	42.33 1.30 0.00	35.10 1.26 0.00	36.88 1.22 0.00	36.46 1.31 0.00	40.88 1.26 0.00	43.01 1.35 0.00	50.64 1.74 0.00	50.68 1.64 0.00	46.16 1.99 0.00	43.34 1.64 0.00	52.40 2.04 0.00	57.42 2.71 0.00	58.98 3.03 0.00	63.38 3.55 0.00	74.17 3.59 0.00	62.30 3.95 0.00
NORTH___COUNTRY_ESR 323785	50.65 0.37 0.00	41.38 0.35 0.00	33.95 0.11 0.00	35.78 0.12 0.00	35.26 0.11 0.00	40.51 0.13 -0.76	41.94 0.27 0.00	49.36 0.45 0.00	49.46 0.42 0.00	44.39 0.22 0.00	41.92 0.22 0.00	62.18 0.12 -11.70	77.22 -0.04 -22.55	82.03 -0.06 -26.14	59.31 -0.52 0.00	69.81 -0.77 0.00	57.51 -0.84 0.00
NPX_GEN_1385_PROXY 323591	50.62 0.34 0.00	41.98 0.96 0.00	34.96 1.12 0.00	36.87 1.22 0.00	36.45 1.30 0.00	40.70 1.08 0.00	42.54 0.88 0.00	49.42 1.27 0.76	49.53 0.49 0.00	45.05 0.88 0.00	34.47 0.41 7.64	42.91 0.56 8.01	35.48 1.09 20.32	37.70 1.39 19.64	61.73 1.89 0.00	59.95 1.51 12.14	61.31 2.96 0.00
NPX_GEN_CSC 323557	51.58 1.30 0.00	42.29 1.27 0.00	35.09 1.25 0.00	36.86 1.20 0.00	36.61 1.46 0.00	40.88 1.26 0.00	42.89 1.23 0.00	49.75 1.60 0.76	50.55 1.51 0.00	46.29 2.12 0.00	43.50 1.80 0.00	52.59 2.23 0.00	57.81 3.11 0.00	59.64 3.69 0.00	64.19 4.35 0.00	74.97 4.40 0.00	63.00 4.65 0.00
NSINS_S_GLNS_FALLS 23858	52.43 2.15 0.00	42.98 1.95 0.00	35.54 1.70 0.00	37.46 1.80 0.00	36.90 1.75 0.00	41.44 1.82 0.00	43.32 1.66 0.00	50.84 1.93 0.00	50.46 1.42 0.00	44.99 0.82 0.00	42.00 0.30 0.00	51.03 0.67 0.00	55.49 0.78 0.00	56.52 0.56 0.00	60.82 0.98 0.00	72.03 1.45 0.00	60.16 1.81 0.00
NUCOR_STEEL___DRP 24197	50.43 0.15 0.00	40.88 -0.14 0.00	33.63 -0.21 0.00	35.58 -0.08 0.00	34.98 -0.17 0.00	39.85 0.04 -0.18	41.56 -0.10 0.00	48.91 0.00 0.00	49.15 0.11 0.00	44.25 0.08 0.00	41.82 0.12 0.00	53.28 0.08 -2.84	60.36 0.17 -5.48	62.30 -0.01 -6.36	59.88 0.05 0.00	70.82 0.24 0.00	58.65 0.31 0.00

NUMBER_THREE_WT_PWR 323818	52.24 1.96 0.00	42.10 1.08 0.00	34.59 0.75 0.00	36.58 0.92 0.00	35.88 0.73 0.00	43.19 1.00 -2.56	43.02 1.35 -0.01	50.26 1.35 0.00	50.11 1.07 0.00	44.97 0.80 0.00	42.30 0.60 0.00	90.73 0.73 -39.64	132.16 1.04 -76.42	145.89 1.34 -88.60	60.75 0.92 0.00	71.20 0.62 0.00	59.22 0.87 0.00
NYISO_LBMP_REFERENCE 24008	50.28 0.00 0.00	41.02 0.00 0.00	33.83 0.00 0.00	35.66 0.00 0.00	35.15 0.00 0.00	39.62 0.00 0.00	41.66 0.00 0.00	48.91 0.00 0.00	49.04 0.00 0.00	44.17 0.00 0.00	41.70 0.00 0.00	50.36 0.00 0.00	54.71 0.00 0.00	55.95 0.00 0.00	59.83 0.00 0.00	70.58 0.00 0.00	58.35 0.00 0.00
NYPA_BRENTWD____GT 24164	52.11 1.83 0.00	42.83 1.81 0.00	35.48 1.64 0.00	37.26 1.61 0.00	36.85 1.71 0.00	41.34 1.72 0.00	43.51 1.85 0.00	51.29 2.38 0.00	51.39 2.35 0.00	46.87 2.70 0.00	44.11 2.41 0.00	53.38 3.02 0.00	58.60 3.89 0.00	60.34 4.39 0.00	64.56 4.72 0.00	75.52 4.95 0.00	63.40 5.06 0.00
NYPA_GOWANUS____GT5 24156	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
NYPA_GOWANUS____GT6 24157	52.21 1.93 0.00	42.62 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.26 3.55 0.00	59.43 3.48 0.00	64.00 4.17 0.00	75.37 4.80 0.00	63.05 4.71 0.00
NYPA_HARLEM_RVR_GT1 24160	52.04 1.75 0.00	42.45 1.43 0.00	35.13 1.29 0.00	36.87 1.21 0.00	36.37 1.22 0.00	40.95 1.32 0.00	43.25 1.59 0.00	51.07 2.15 0.00	51.36 2.32 0.00	46.55 2.38 0.00	43.98 2.29 0.00	53.34 2.98 0.00	58.04 3.33 0.00	59.18 3.23 0.00	63.74 3.90 0.00	75.07 4.50 0.00	62.72 4.37 0.00
NYPA_HARLEM_RVR_GT2 24161	52.04 1.75 0.00	42.45 1.43 0.00	35.13 1.29 0.00	36.87 1.21 0.00	36.37 1.22 0.00	40.95 1.32 0.00	43.25 1.59 0.00	51.07 2.15 0.00	51.36 2.32 0.00	46.55 2.38 0.00	43.98 2.29 0.00	53.34 2.98 0.00	58.04 3.33 0.00	59.18 3.23 0.00	63.74 3.90 0.00	75.07 4.50 0.00	62.72 4.37 0.00
NYPA_KENT____GT 24152	52.18 1.90 0.00	42.58 1.56 0.00	35.21 1.37 0.00	36.99 1.33 0.00	36.48 1.33 0.00	41.09 1.47 0.00	43.40 1.74 0.00	51.28 2.37 0.00	51.62 2.58 0.00	46.81 2.64 0.00	44.21 2.51 0.00	53.61 3.25 0.00	58.28 3.57 0.00	59.42 3.47 0.00	63.96 4.12 0.00	75.31 4.73 0.00	62.95 4.60 0.00
NYPA_POUCH1____GT 24155	52.08 1.79 0.00	42.54 1.51 0.00	35.17 1.33 0.00	36.94 1.28 0.00	36.42 1.27 0.00	41.04 1.42 0.00	43.33 1.67 0.00	51.15 2.24 0.00	51.45 2.42 0.00	46.65 2.48 0.00	44.03 2.34 0.00	53.36 3.00 0.00	57.95 3.27 0.03	58.83 3.23 0.35	63.76 3.93 0.00	75.09 4.52 0.00	62.88 4.54 0.00
NYPA_VERNON____GT2 24162	52.15 1.87 0.00	42.54 1.51 0.00	35.19 1.35 0.00	36.97 1.31 0.00	36.45 1.30 0.00	41.06 1.44 0.00	43.39 1.73 0.00	51.27 2.36 0.00	51.61 2.58 0.00	46.82 2.65 0.00	44.21 2.51 0.00	53.61 3.26 0.00	58.28 3.57 0.00	59.45 3.50 0.00	63.95 4.12 0.00	75.28 4.70 0.00	62.89 4.54 0.00
NYPA_VERNON____GT3 24163	52.15 1.87 0.00	42.54 1.51 0.00	35.19 1.35 0.00	36.97 1.31 0.00	36.45 1.30 0.00	41.06 1.44 0.00	43.39 1.73 0.00	51.27 2.36 0.00	51.61 2.58 0.00	46.82 2.65 0.00	44.21 2.51 0.00	53.61 3.26 0.00	58.28 3.57 0.00	59.45 3.50 0.00	63.95 4.12 0.00	75.28 4.70 0.00	62.89 4.54 0.00
NYPA____ASTORIA_CC1 323568	52.09 1.81 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.92 1.27 0.00	36.41 1.26 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.17 4.59 0.00	62.83 4.48 0.00
NYPA____ASTORIA_CC2 323569	52.09 1.81 0.00	42.49 1.47 0.00	35.15 1.32 0.00	36.92 1.27 0.00	36.41 1.26 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.51 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.53 3.17 0.00	58.19 3.48 0.00	59.35 3.40 0.00	63.85 4.02 0.00	75.17 4.59 0.00	62.83 4.48 0.00
NYPA____HOLTSVILL 23794	51.65 1.37 0.00	42.46 1.43 0.00	35.18 1.34 0.00	36.95 1.29 0.00	36.58 1.43 0.00	40.98 1.36 0.00	43.10 1.44 0.00	50.78 1.87 0.00	50.87 1.83 0.00	46.46 2.29 0.00	43.70 2.00 0.00	52.84 2.48 0.00	58.02 3.31 0.00	59.72 3.77 0.00	64.22 4.39 0.00	74.93 4.35 0.00	62.88 4.53 0.00
NYPA____HELLGATE_GT1 24158	52.04 1.75 0.00	42.45 1.43 0.00	35.13 1.29 0.00	36.87 1.21 0.00	36.37 1.22 0.00	40.95 1.32 0.00	43.25 1.59 0.00	51.07 2.15 0.00	51.36 2.32 0.00	46.55 2.38 0.00	43.98 2.29 0.00	53.35 2.99 0.00	58.08 3.37 0.00	59.23 3.28 0.00	63.75 3.92 0.00	75.11 4.54 0.00	62.77 4.43 0.00

NYPA____HELLGATE_GT2 24159	52.04 1.75 0.00	42.45 1.43 0.00	35.13 1.29 0.00	36.87 1.21 0.00	36.37 1.22 0.00	40.95 1.32 0.00	43.25 1.59 0.00	51.07 2.15 0.00	51.36 2.32 0.00	46.55 2.38 0.00	43.98 2.29 0.00	53.35 2.99 0.00	58.08 3.37 0.00	59.23 3.28 0.00	63.75 3.92 0.00	75.11 4.54 0.00	62.77 4.43 0.00
NYS_BARGE____HYD 23848	48.23 -1.47 0.58	39.03 -1.99 0.00	32.02 -1.82 0.00	32.41 -1.88 1.37	31.09 -1.78 2.28	36.21 -1.71 1.70	39.84 -1.70 0.12	46.93 -1.98 0.00	48.12 -0.91 0.00	43.69 -0.48 0.00	41.54 -0.15 0.00	49.49 -0.87 0.00	53.98 -0.73 0.00	55.32 -0.63 0.00	59.17 -0.66 0.00	70.19 -0.39 0.00	58.10 -0.24 0.00
OAK_ORCHARD____HYD 24046	49.69 -0.28 0.31	40.23 -0.79 0.00	33.05 -0.79 0.00	34.19 -0.73 0.74	33.30 -0.62 1.23	38.15 -0.55 0.92	41.00 -0.59 0.07	48.24 -0.67 0.00	49.10 0.06 0.00	44.48 0.31 0.00	42.24 0.54 0.00	50.78 0.42 0.00	55.44 0.73 0.00	56.84 0.89 0.00	60.84 1.00 0.00	72.15 1.58 0.00	59.77 1.43 0.00
OAKDALE__35_KV_LOAD 356122	49.98 -0.31 0.00	40.52 -0.51 0.00	33.42 -0.42 0.00	35.25 -0.41 0.00	34.78 -0.37 0.00	39.27 -0.35 0.00	41.30 -0.37 0.00	48.52 -0.39 0.00	48.82 -0.22 0.00	44.08 -0.09 0.00	41.66 -0.03 0.00	50.32 -0.04 0.00	54.87 0.17 0.00	56.13 0.18 0.00	60.07 0.23 0.00	71.30 0.73 0.00	58.97 0.62 0.00
OCC_CHEM____DRP 24175	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
OH_GEN_PROXY 24063	82.56 -1.89 -34.17	38.69 -2.33 0.00	31.76 -2.07 0.00	32.04 -1.99 1.63	30.63 -1.82 2.71	35.71 -1.89 2.03	39.44 -2.08 0.14	-37.35 -2.43 83.84	47.73 -1.31 0.00	43.31 -0.86 0.00	41.22 -0.48 0.00	49.32 -1.04 0.00	53.80 -0.91 0.00	55.11 -0.84 0.00	58.90 -0.93 0.00	69.78 -0.80 0.00	57.64 -0.71 0.00
OLIN_CORP_DRP 24177	48.06 -2.22 0.00	38.49 -2.53 0.00	31.58 -2.26 0.00	33.26 -2.40 0.00	32.82 -2.33 0.00	37.32 -2.30 0.00	39.36 -2.31 0.00	46.21 -2.70 0.00	47.41 -1.63 0.00	43.08 -1.09 0.00	40.97 -0.72 0.00	48.75 -1.61 0.00	53.15 -1.55 0.00	54.48 -1.47 0.00	58.31 -1.53 0.00	68.98 -1.60 0.00	57.05 -1.29 0.00
OLIN_CORP_DSASP 323712	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
ONEIDA_HERK_LFGE 323681	51.80 1.51 0.00	42.02 0.99 0.00	34.61 0.76 0.00	36.50 0.84 0.00	35.90 0.75 0.00	41.78 0.95 -1.21	42.77 1.10 0.00	50.10 1.19 0.00	50.03 0.99 0.00	44.93 0.76 0.00	42.37 0.67 0.00	69.89 0.84 -18.69	91.81 1.08 -36.03	98.96 1.24 -41.77	61.07 1.23 0.00	71.95 1.38 0.00	59.80 1.45 0.00
ONEIDA____115KV_TB4 55905	51.62 1.33 0.00	41.97 0.94 0.00	34.60 0.76 0.00	36.45 0.79 0.00	35.90 0.76 0.00	41.09 0.94 -0.53	42.65 0.99 0.00	50.01 1.10 0.00	49.95 0.92 0.00	44.81 0.63 0.00	42.34 0.64 0.00	59.38 0.82 -8.19	71.50 1.00 -15.80	75.45 1.18 -18.31	61.19 1.36 0.00	72.35 1.78 0.00	60.10 1.76 0.00

OSWEGATCHIE___HYD 24044	51.69 1.41 0.00	41.86 0.83 0.00	34.34 0.50 0.00	36.25 0.59 0.00	35.64 0.49 0.00	46.21 0.72 -5.86	42.76 1.08 -0.02	49.95 1.04 0.00	49.80 0.77 0.00	44.73 0.56 0.00	42.10 0.40 0.00	141.38 0.38 -90.64	229.92 0.48 -174.74	259.29 0.74 -202.60	59.81 -0.02 0.00	70.04 -0.54 0.00	57.75 -0.60 0.00
OSWEGO___5 23606	49.08 -1.20 0.00	39.93 -1.09 0.00	32.93 -0.91 0.00	34.72 -0.94 0.00	34.23 -0.91 0.00	38.63 -0.99 0.00	40.54 -1.12 0.00	47.48 -1.44 0.00	47.69 -1.35 0.00	42.99 -1.18 0.00	40.62 -1.08 0.00	49.03 -1.33 0.00	53.33 -1.38 0.00	54.56 -1.39 0.00	58.38 -1.45 0.00	68.97 -1.60 0.00	57.13 -1.22 0.00
OSWEGO___6 23613	49.08 -1.20 0.00	39.93 -1.09 0.00	32.93 -0.91 0.00	34.72 -0.94 0.00	34.23 -0.91 0.00	38.63 -0.99 0.00	40.54 -1.12 0.00	47.48 -1.44 0.00	47.69 -1.35 0.00	42.99 -1.18 0.00	40.62 -1.08 0.00	49.03 -1.33 0.00	53.33 -1.38 0.00	54.56 -1.39 0.00	58.38 -1.45 0.00	68.97 -1.60 0.00	57.13 -1.22 0.00
OUTOKUMPU-AB___DRP 24206	49.17 -1.12 0.00	39.31 -1.71 0.00	32.23 -1.61 0.00	34.10 -1.56 0.00	33.78 -1.37 0.00	38.31 -1.32 0.00	40.22 -1.44 0.00	47.27 -1.64 0.00	48.51 -0.52 0.00	44.12 -0.05 0.00	41.98 0.28 0.00	50.17 -0.19 0.00	54.80 0.10 0.00	56.18 0.23 0.00	60.18 0.35 0.00	71.22 0.65 0.00	58.87 0.52 0.00
OXBOW___BTM 323836	47.99 -1.64 0.65	38.86 -2.16 0.00	31.86 -1.98 0.00	32.22 -1.90 1.53	30.92 -1.69 2.55	36.03 -1.69 1.91	39.62 -1.91 0.13	46.68 -2.23 0.00	47.95 -1.08 0.00	43.58 -0.59 0.00	41.48 -0.22 0.00	49.59 -0.77 0.00	54.15 -0.56 0.00	55.52 -0.44 0.00	59.38 -0.45 0.00	70.21 -0.37 0.00	57.93 -0.41 0.00
OXBOW____ 24026	48.61 -1.68 0.00	38.86 -2.17 0.00	31.86 -1.98 0.00	33.76 -1.90 0.00	33.46 -1.69 0.00	37.91 -1.71 0.00	39.75 -1.92 0.00	46.68 -2.23 0.00	47.93 -1.11 0.00	43.59 -0.58 0.00	41.48 -0.22 0.00	49.59 -0.77 0.00	54.16 -0.55 0.00	55.51 -0.44 0.00	59.44 -0.39 0.00	70.21 -0.37 0.00	57.93 -0.41 0.00
OXY_CHEM_DSASP 323612	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
OZONE_PARK_ESR 323760	52.72 2.44 0.00	42.95 1.92 0.00	35.50 1.67 0.00	37.31 1.65 0.00	36.78 1.63 0.00	41.43 1.81 0.00	43.77 2.11 0.00	51.77 2.86 0.00	52.12 3.09 0.00	47.28 3.11 0.00	44.66 2.96 0.00	54.17 3.82 0.00	58.92 4.22 0.00	60.19 4.24 0.00	64.78 4.95 0.00	76.29 5.72 0.00	63.71 5.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.09 -2.20 0.00	38.45 -2.58 0.00	31.55 -2.29 0.00	33.46 -2.20 0.00	33.18 -1.97 0.00	37.59 -2.03 0.00	39.33 -2.34 0.00	46.14 -2.77 0.00	47.39 -1.64 0.00	43.09 -1.08 0.00	40.98 -0.71 0.00	49.01 -1.35 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.63 -1.20 0.00	69.09 -1.49 0.00	56.95 -1.40 0.00
PACKARD___115KV_DUPONT_184 80571	47.48 -2.16 0.65	38.45 -2.57 0.00	31.54 -2.29 0.00	31.93 -2.20 1.53	30.66 -1.95 2.54	35.70 -2.02 1.90	39.20 -2.33 0.13	46.14 -2.77 0.00	47.41 -1.63 0.00	43.08 -1.09 0.00	40.99 -0.71 0.00	49.00 -1.36 0.00	53.48 -1.23 0.00	54.80 -1.15 0.00	58.57 -1.26 0.00	69.08 -1.49 0.00	56.95 -1.40 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.16 1.88 0.00	42.56 1.53 0.00	35.21 1.38 0.00	36.97 1.31 0.00	36.47 1.33 0.00	41.07 1.45 0.00	43.37 1.71 0.00	51.19 2.28 0.00	51.47 2.44 0.00	46.61 2.44 0.00	44.04 2.34 0.00	53.40 3.04 0.00	58.10 3.39 0.00	59.34 3.39 0.00	63.87 4.04 0.00	75.23 4.65 0.00	62.89 4.54 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.33 3.04 0.00	43.57 2.54 0.00	36.12 2.29 0.00	37.89 2.23 0.00	37.37 2.23 0.00	42.21 2.59 0.00	44.61 2.94 0.00	52.68 3.77 0.00	52.94 3.91 0.00	47.86 3.69 0.00	45.18 3.48 0.00	54.89 4.53 0.00	59.73 5.02 0.00	61.02 5.08 0.00	65.63 5.79 0.00	77.39 6.81 0.00	64.54 6.20 0.00
PATROON___115KV_TB1 80586	50.46 0.17 0.00	41.50 0.48 0.00	34.45 0.60 0.00	36.29 0.64 0.00	35.76 0.62 0.00	40.18 0.56 0.00	41.95 0.29 0.00	49.23 0.32 0.00	49.19 0.15 0.00	44.29 0.12 0.00	41.72 0.02 0.00	50.42 0.06 0.00	54.72 0.02 0.00	55.95 0.00 0.00	60.05 0.21 0.00	70.87 0.30 0.00	59.00 0.64 0.00
PATTRSNVILLE___SOLAR 323815	51.62 1.34 0.00	42.18 1.16 0.00	34.85 1.01 0.00	36.72 1.05 0.00	36.18 1.03 0.00	40.75 1.13 0.00	42.76 1.09 0.00	50.04 1.13 0.00	49.63 0.59 0.00	44.47 0.30 0.00	41.82 0.12 0.00	50.58 0.22 0.00	54.90 0.19 0.00	56.13 0.18 0.00	60.18 0.35 0.00	71.01 0.43 0.00	59.05 0.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.48 -0.80 0.00	39.55 -1.48 0.00	32.46 -1.37 0.00	34.40 -1.26 0.00	34.06 -1.08 0.00	38.61 -1.01 0.00	40.53 -1.13 0.00	47.67 -1.24 0.00	48.85 -0.19 0.00	44.38 0.21 0.00	42.23 0.53 0.00	50.60 0.24 0.00	55.28 0.57 0.00	56.64 0.69 0.00	60.67 0.84 0.00	72.15 1.57 0.00	59.63 1.29 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.19 1.91 0.00	42.55 1.53 0.00	35.19 1.35 0.00	37.00 1.34 0.00	36.47 1.32 0.00	41.05 1.43 0.00	43.26 1.60 0.00	51.12 2.21 0.00	51.37 2.33 0.00	46.53 2.36 0.00	43.98 2.28 0.00	53.32 2.96 0.00	58.08 3.38 0.00	59.43 3.48 0.00	63.93 4.10 0.00	75.43 4.86 0.00	62.96 4.61 0.00
PEEKSKILL____ 23653	51.75 1.47 0.00	42.20 1.17 0.00	34.92 1.08 0.00	36.70 1.05 0.00	36.18 1.03 0.00	40.72 1.10 0.00	42.94 1.28 0.00	50.71 1.80 0.00	50.95 1.91 0.00	46.17 2.00 0.00	43.64 1.94 0.00	52.92 2.56 0.00	57.61 2.90 0.00	58.88 2.93 0.00	63.29 3.45 0.00	74.58 4.00 0.00	62.31 3.96 0.00
PGE MADISON__WINDPWR 24146	53.71 3.42 0.00	43.46 2.43 0.00	35.80 1.96 0.00	37.77 2.11 0.00	37.30 2.15 0.00	42.23 2.61 0.00	44.50 2.83 0.00	52.22 3.31 0.00	52.12 3.08 0.00	46.26 2.09 0.00	43.21 1.51 0.00	52.52 2.15 0.00	57.24 2.53 0.00	58.62 2.67 0.00	62.91 3.07 0.00	75.09 4.52 0.00	62.77 4.42 0.00
PIERCEFIELD__HYD 23852	51.16 0.87 0.00	41.63 0.60 0.00	34.13 0.29 0.00	35.98 0.32 0.00	35.44 0.29 0.00	48.71 0.45 -8.64	42.50 0.81 -0.02	49.67 0.76 0.00	49.56 0.52 0.00	44.54 0.37 0.00	42.02 0.33 0.00	184.07 0.15 -133.55	312.14 -0.03 -257.46	354.70 0.24 -298.51	58.99 -0.85 0.00	69.17 -1.41 0.00	56.52 -1.83 0.00
PINELAWN_CC_1 323563	51.98 1.70 0.00	42.70 1.67 0.00	35.33 1.49 0.00	37.10 1.44 0.00	36.66 1.51 0.00	41.15 1.53 0.00	43.33 1.67 0.00	51.11 2.20 0.00	51.23 2.19 0.00	46.67 2.50 0.00	43.95 2.25 0.00	53.19 2.83 0.00	58.37 3.66 0.00	59.99 4.04 0.00	64.38 4.54 0.00	75.49 4.92 0.00	63.35 5.01 0.00
PJM_GEN_HTP_PROXY 323702	52.07 1.79 0.00	42.45 1.43 0.00	35.12 1.29 0.00	36.91 1.25 0.00	36.38 1.23 0.00	40.99 1.37 0.00	43.31 1.65 0.00	51.10 2.29 0.11	51.55 2.51 0.00	46.77 2.60 0.00	44.15 2.46 0.00	53.56 3.20 0.00	58.28 3.54 -0.03	59.46 3.51 0.00	63.96 4.12 0.00	75.36 4.78 0.00	62.95 4.60 0.00
PJM_GEN_KEystone 24065	37.63 -0.27 12.39	32.29 -0.55 8.18	31.93 -0.42 1.49	33.50 -0.40 1.76	31.87 -0.35 2.93	37.09 -0.34 2.19	37.06 -0.30 4.30	48.63 -0.16 0.11	49.25 0.21 0.00	44.51 0.47 0.13	42.31 0.61 0.00	51.11 0.75 0.00	55.75 1.01 -0.03	56.91 1.00 0.04	61.10 1.27 0.00	72.37 1.79 0.00	60.12 1.78 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.58 1.30 0.00	42.33 1.30 0.00	35.01 1.18 0.00	36.79 1.13 0.00	36.32 1.18 0.00	40.80 1.18 0.00	42.98 1.32 0.00	50.56 1.77 0.11	50.84 1.81 0.00	46.25 2.08 0.00	43.62 1.92 0.00	52.83 2.47 0.00	57.82 3.08 -0.03	59.22 3.27 0.00	63.65 3.82 0.00	74.65 4.07 0.00	62.54 4.20 0.00
PJM_GEN_VFT_PROXY 323633	51.99 1.71 0.00	42.38 1.35 0.00	35.07 1.23 0.00	36.84 1.18 0.00	36.33 1.18 0.00	40.91 1.29 0.00	43.22 1.56 0.00	50.95 2.15 0.11	51.39 2.35 0.00	46.57 2.40 0.00	43.97 2.27 0.00	53.32 2.96 0.00	57.97 3.26 -0.01	58.57 3.18 0.57	63.64 3.80 0.00	74.95 4.38 0.00	62.54 4.19 0.00
PLATSBURG_115KV_PMLD1 355749	51.28 1.00 0.00	41.91 0.88 0.00	34.37 0.53 0.00	36.19 0.52 0.00	35.67 0.52 0.00	40.19 0.57 0.00	42.35 0.68 0.00	49.93 1.02 0.00	49.89 0.85 0.00	44.70 0.53 0.00	42.15 0.45 0.00	50.78 0.42 0.00	54.98 0.27 0.00	56.09 0.14 0.00	59.49 -0.35 0.00	70.15 -0.42 0.00	57.91 -0.43 0.00
PLEASANTVLY__LBMP 24000	51.42 1.14 0.00	42.00 0.97 0.00	34.75 0.91 0.00	36.55 0.89 0.00	36.03 0.88 0.00	40.54 0.92 0.00	42.69 1.03 0.00	50.38 1.47 0.00	50.58 1.54 0.00	45.78 1.61 0.00	43.23 1.53 0.00	52.38 2.02 0.00	56.94 2.23 0.00	58.20 2.25 0.00	62.52 2.69 0.00	73.66 3.08 0.00	61.48 3.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.89 1.61 0.00	42.32 1.30 0.00	35.01 1.17 0.00	36.80 1.14 0.00	36.28 1.13 0.00	40.83 1.21 0.00	43.05 1.39 0.00	50.86 1.95 0.00	51.13 2.09 0.00	46.32 2.15 0.00	43.75 2.05 0.00	53.06 2.70 0.00	57.75 3.04 0.00	59.01 3.06 0.00	63.45 3.62 0.00	74.78 4.20 0.00	62.43 4.08 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.89 1.61 0.00	42.32 1.30 0.00	35.01 1.17 0.00	36.80 1.14 0.00	36.28 1.13 0.00	40.83 1.21 0.00	43.05 1.39 0.00	50.86 1.95 0.00	51.13 2.09 0.00	46.32 2.15 0.00	43.75 2.05 0.00	53.06 2.70 0.00	57.75 3.04 0.00	59.01 3.06 0.00	63.45 3.62 0.00	74.78 4.20 0.00	62.43 4.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.87 1.59 0.00	42.35 1.33 0.00	35.04 1.20 0.00	36.86 1.20 0.00	36.33 1.18 0.00	40.87 1.24 0.00	43.01 1.35 0.00	50.78 1.87 0.00	50.95 1.91 0.00	46.07 1.89 0.00	43.48 1.79 0.00	52.66 2.30 0.00	57.31 2.60 0.00	58.61 2.66 0.00	63.03 3.20 0.00	74.32 3.75 0.00	62.02 3.67 0.00
POLETTI____ 23519	52.13 1.85 0.00	42.49 1.46 0.00	35.15 1.32 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.01 1.39 0.00	43.31 1.65 0.00	51.20 2.28 0.00	51.53 2.50 0.00	46.73 2.56 0.00	44.12 2.42 0.00	53.52 3.16 0.00	58.21 3.51 0.00	59.43 3.48 0.00	63.93 4.10 0.00	75.28 4.70 0.00	62.89 4.54 0.00

POMONA___ESR 323819	51.84 1.55 0.00	42.24 1.22 0.00	34.95 1.12 0.00	36.76 1.10 0.00	36.22 1.07 0.00	40.77 1.15 0.00	43.00 1.34 0.00	50.76 1.85 0.00	51.01 1.97 0.00	46.25 2.08 0.00	43.74 2.04 0.00	53.09 2.73 0.00	57.82 3.12 0.00	59.11 3.16 0.00	63.57 3.73 0.00	74.93 4.35 0.00	62.59 4.25 0.00
PORT_JEFF_3 23555	51.74 1.46 0.00	42.51 1.48 0.00	35.22 1.38 0.00	36.99 1.33 0.00	36.62 1.47 0.00	41.04 1.42 0.00	43.16 1.50 0.00	50.84 1.93 0.00	50.96 1.92 0.00	46.55 2.38 0.00	43.78 2.08 0.00	52.97 2.61 0.00	58.17 3.46 0.00	59.89 3.94 0.00	64.37 4.54 0.00	74.93 4.35 0.00	62.76 4.41 0.00
PORT_JEFF_4 23616	51.74 1.46 0.00	42.51 1.48 0.00	35.22 1.38 0.00	36.99 1.33 0.00	36.62 1.47 0.00	41.04 1.42 0.00	43.16 1.50 0.00	50.84 1.93 0.00	50.96 1.92 0.00	46.55 2.38 0.00	43.78 2.08 0.00	52.97 2.61 0.00	58.17 3.46 0.00	59.89 3.94 0.00	64.37 4.54 0.00	74.93 4.35 0.00	62.76 4.41 0.00
PORT_JEFF_IC 23713	51.82 1.54 0.00	42.55 1.53 0.00	35.26 1.42 0.00	37.03 1.37 0.00	36.66 1.51 0.00	41.08 1.46 0.00	43.20 1.54 0.00	50.89 1.98 0.00	51.04 2.01 0.00	46.61 2.44 0.00	43.85 2.15 0.00	53.06 2.70 0.00	58.29 3.58 0.00	60.04 4.09 0.00	64.59 4.76 0.00	75.04 4.47 0.00	62.76 4.41 0.00
PPL PILGRIM_ST_GT1 24216	52.11 1.83 0.00	42.83 1.81 0.00	35.48 1.64 0.00	37.26 1.61 0.00	36.85 1.71 0.00	41.34 1.72 0.00	43.51 1.85 0.00	51.29 2.38 0.00	51.39 2.35 0.00	46.87 2.70 0.00	44.11 2.41 0.00	53.38 3.02 0.00	58.60 3.89 0.00	60.34 4.39 0.00	64.56 4.72 0.00	75.52 4.95 0.00	63.40 5.06 0.00
PPL PILGRIM_ST_GT2 24217	52.11 1.83 0.00	42.83 1.81 0.00	35.48 1.64 0.00	37.26 1.61 0.00	36.85 1.71 0.00	41.34 1.72 0.00	43.51 1.85 0.00	51.29 2.38 0.00	51.39 2.35 0.00	46.87 2.70 0.00	44.11 2.41 0.00	53.38 3.02 0.00	58.60 3.89 0.00	60.34 4.39 0.00	64.56 4.72 0.00	75.52 4.95 0.00	63.40 5.06 0.00
PPL_SHRM_GT3 24213	51.61 1.33 0.00	42.31 1.29 0.00	35.11 1.27 0.00	36.87 1.21 0.00	36.62 1.47 0.00	40.90 1.28 0.00	42.92 1.26 0.00	50.53 1.63 0.00	50.58 1.54 0.00	46.31 2.14 0.00	43.50 1.80 0.00	52.59 2.23 0.00	57.82 3.11 0.00	59.65 3.70 0.00	64.23 4.40 0.00	74.98 4.41 0.00	63.04 4.70 0.00
PPL_SHRM_GT4 24214	51.61 1.33 0.00	42.31 1.29 0.00	35.11 1.27 0.00	36.87 1.21 0.00	36.62 1.47 0.00	40.90 1.28 0.00	42.92 1.26 0.00	50.53 1.63 0.00	50.58 1.54 0.00	46.31 2.14 0.00	43.50 1.80 0.00	52.59 2.23 0.00	57.82 3.11 0.00	59.65 3.70 0.00	64.23 4.40 0.00	74.98 4.41 0.00	63.04 4.70 0.00
PROJECT___ORANGE 1 24174	49.82 -0.47 0.00	40.48 -0.54 0.00	33.37 -0.47 0.00	35.17 -0.49 0.00	34.70 -0.45 0.00	39.42 -0.45 -0.25	41.12 -0.54 0.00	48.19 -0.72 0.00	48.46 -0.57 0.00	43.74 -0.43 0.00	41.38 -0.32 0.00	53.91 -0.39 -3.94	62.03 -0.28 -7.60	64.56 -0.20 -8.81	59.73 -0.11 0.00	70.64 0.07 0.00	58.48 0.14 0.00
PROJECT___ORANGE 2 24166	49.82 -0.47 0.00	40.48 -0.54 0.00	33.37 -0.47 0.00	35.17 -0.49 0.00	34.70 -0.45 0.00	39.42 -0.45 -0.25	41.12 -0.54 0.00	48.19 -0.72 0.00	48.46 -0.57 0.00	43.74 -0.43 0.00	41.38 -0.32 0.00	53.91 -0.39 -3.94	62.03 -0.28 -7.60	64.56 -0.20 -8.81	59.73 -0.11 0.00	70.64 0.07 0.00	58.48 0.14 0.00
PUCKETT___SOLAR 323809	51.01 0.53 -0.20	41.18 0.16 0.00	33.95 0.11 0.00	36.29 0.16 -0.47	36.12 0.20 -0.77	40.52 0.32 -0.58	42.06 0.35 -0.04	49.32 0.41 0.00	49.49 0.46 0.00	44.49 0.32 0.00	41.86 0.16 0.00	50.49 0.12 0.00	55.09 0.39 0.00	56.35 0.40 0.00	60.42 0.59 0.00	72.09 1.52 0.00	59.88 1.53 0.00
PYRITES___HYD 24023	52.14 1.86 0.00	42.42 1.40 0.00	34.79 0.95 0.00	36.69 1.04 0.00	36.17 1.02 0.00	50.07 1.28 -9.17	43.39 1.70 -0.02	50.51 1.60 0.00	50.08 1.05 0.00	45.02 0.85 0.00	42.46 0.76 0.00	192.67 0.56 -141.76	328.39 0.40 -273.28	373.62 0.82 -316.85	59.55 -0.28 0.00	70.14 -0.44 0.00	57.39 -0.96 0.00
QUAKERRD_115KV_BK1 80622	48.85 -1.43 0.00	39.41 -1.62 0.00	32.40 -1.44 0.00	34.24 -1.42 0.00	33.83 -1.32 0.00	38.25 -1.37 0.00	40.12 -1.54 0.00	47.10 -1.81 0.00	47.81 -1.23 0.00	43.24 -0.93 0.00	41.04 -0.66 0.00	49.41 -0.95 0.00	53.87 -0.84 0.00	55.20 -0.75 0.00	59.23 -0.60 0.00	70.23 -0.35 0.00	58.14 -0.20 0.00
QUENSBRY_115KV_TB8 356137	52.56 2.27 0.00	43.07 2.05 0.00	35.61 1.77 0.00	37.53 1.87 0.00	36.97 1.82 0.00	41.51 1.89 0.00	43.39 1.73 0.00	50.95 2.04 0.00	50.52 1.48 0.00	45.02 0.85 0.00	42.01 0.31 0.00	51.08 0.72 0.00	55.55 0.84 0.00	56.56 0.62 0.00	60.90 1.07 0.00	72.16 1.58 0.00	60.27 1.93 0.00
RAMAPO___LBMP 323565	51.58 1.29 0.00	42.04 1.01 0.00	34.79 0.95 0.00	36.58 0.92 0.00	36.06 0.91 0.00	40.59 0.97 0.00	42.79 1.13 0.00	50.51 1.60 0.00	50.76 1.72 0.00	45.99 1.81 0.00	43.47 1.77 0.00	52.74 2.38 0.00	57.44 2.73 0.00	58.71 2.77 0.00	63.13 3.30 0.00	74.38 3.81 0.00	62.13 3.79 0.00

RANKINE____ 23646	49.42 -0.86 0.00	39.50 -1.52 0.00	32.42 -1.42 0.00	34.33 -1.33 0.00	34.00 -1.15 0.00	38.54 -1.08 0.00	40.47 -1.19 0.00	47.59 -1.32 0.00	48.80 -0.24 0.00	44.32 0.15 0.00	42.18 0.49 0.00	50.49 0.13 0.00	55.16 0.45 0.00	56.50 0.55 0.00	60.49 0.66 0.00	71.83 1.25 0.00	59.40 1.06 0.00
RAVENSWOOD_GT2_1 24244	52.14 1.85 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.42 1.28 0.00	41.03 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.44 3.49 0.00	63.94 4.11 0.00	75.30 4.72 0.00	62.89 4.54 0.00
RAVENSWOOD_GT2_2 24245	52.14 1.85 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.42 1.28 0.00	41.03 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.13 2.43 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.44 3.49 0.00	63.94 4.11 0.00	75.30 4.72 0.00	62.89 4.54 0.00
RAVENSWOOD_GT2_3 24246	52.15 1.86 0.00	42.51 1.48 0.00	35.17 1.33 0.00	36.96 1.30 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.23 2.33 0.00	51.57 2.54 0.00	46.77 2.60 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.27 3.56 0.00	59.49 3.54 0.00	63.98 4.15 0.00	75.33 4.76 0.00	62.95 4.60 0.00
RAVENSWOOD_GT2_4 24247	52.15 1.86 0.00	42.51 1.48 0.00	35.17 1.33 0.00	36.96 1.30 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.35 1.69 0.00	51.23 2.33 0.00	51.57 2.54 0.00	46.77 2.60 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.27 3.56 0.00	59.49 3.54 0.00	63.98 4.15 0.00	75.33 4.76 0.00	62.95 4.60 0.00
RAVENSWOOD_GT3_1 24248	52.15 1.86 0.00	42.50 1.48 0.00	35.17 1.33 0.00	36.94 1.28 0.00	36.43 1.28 0.00	41.03 1.41 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.44 3.49 0.00	63.94 4.11 0.00	75.30 4.72 0.00	62.89 4.54 0.00
RAVENSWOOD_GT3_2 24249	52.15 1.86 0.00	42.50 1.48 0.00	35.17 1.33 0.00	36.94 1.28 0.00	36.43 1.28 0.00	41.03 1.41 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.44 3.49 0.00	63.94 4.11 0.00	75.30 4.72 0.00	62.89 4.54 0.00
RAVENSWOOD_GT3_3 24250	52.24 1.96 0.00	42.58 1.55 0.00	35.23 1.39 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.09 1.47 0.00	43.40 1.73 0.00	51.30 2.39 0.00	51.64 2.61 0.00	46.83 2.66 0.00	44.23 2.54 0.00	53.65 3.30 0.00	58.36 3.65 0.00	59.58 3.63 0.00	64.09 4.25 0.00	75.47 4.89 0.00	63.01 4.66 0.00
RAVENSWOOD_GT3_4 24251	52.24 1.96 0.00	42.58 1.55 0.00	35.23 1.39 0.00	37.00 1.34 0.00	36.49 1.34 0.00	41.09 1.47 0.00	43.40 1.73 0.00	51.30 2.39 0.00	51.64 2.61 0.00	46.83 2.66 0.00	44.23 2.54 0.00	53.65 3.30 0.00	58.36 3.65 0.00	59.58 3.63 0.00	64.09 4.25 0.00	75.47 4.89 0.00	63.01 4.66 0.00
RAVENSWOOD_GT_1 23729	52.17 1.88 0.00	42.54 1.52 0.00	35.19 1.35 0.00	36.97 1.31 0.00	36.45 1.31 0.00	41.07 1.45 0.00	43.39 1.73 0.00	51.27 2.36 0.00	51.61 2.58 0.00	46.82 2.65 0.00	44.22 2.51 0.00	53.61 3.25 0.00	58.28 3.57 0.00	59.45 3.50 0.00	63.96 4.12 0.00	75.28 4.70 0.00	62.89 4.54 0.00
RAVENSWOOD_GT_10 24258	52.15 1.87 0.00	42.51 1.48 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.43 1.28 0.00	41.03 1.41 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.45 3.50 0.00	63.95 4.11 0.00	75.32 4.74 0.00	62.89 4.54 0.00
RAVENSWOOD_GT_11 24259	52.15 1.87 0.00	42.51 1.48 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.43 1.28 0.00	41.03 1.41 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.45 3.50 0.00	63.95 4.11 0.00	75.32 4.74 0.00	62.89 4.54 0.00
RAVENSWOOD_GT_4 24252	52.13 1.85 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.55 3.18 0.00	58.23 3.52 0.00	59.44 3.48 0.00	63.94 4.10 0.00	75.26 4.68 0.00	62.89 4.54 0.00
RAVENSWOOD_GT_5 24254	52.13 1.85 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.55 3.18 0.00	58.23 3.52 0.00	59.44 3.48 0.00	63.94 4.10 0.00	75.26 4.68 0.00	62.89 4.54 0.00
RAVENSWOOD_GT_6 24253	52.13 1.85 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.55 3.18 0.00	58.23 3.52 0.00	59.44 3.48 0.00	63.94 4.10 0.00	75.26 4.68 0.00	62.89 4.54 0.00

RAVENSWOOD_GT_7 24255	52.13 1.85 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.55 2.51 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.55 3.18 0.00	58.23 3.52 0.00	59.44 3.48 0.00	63.94 4.10 0.00	75.26 4.68 0.00	62.89 4.54 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.15 1.87 0.00	42.51 1.48 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.43 1.28 0.00	41.03 1.41 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.45 3.50 0.00	63.95 4.11 0.00	75.32 4.74 0.00	62.89 4.54 0.00
RAVENSWOOD_GT_9 24257	52.15 1.87 0.00	42.51 1.48 0.00	35.17 1.33 0.00	36.95 1.29 0.00	36.43 1.28 0.00	41.03 1.41 0.00	43.32 1.66 0.00	51.21 2.30 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.54 3.18 0.00	58.22 3.52 0.00	59.45 3.50 0.00	63.95 4.11 0.00	75.32 4.74 0.00	62.89 4.54 0.00
RAVENSWOOD___1 23533	52.13 1.85 0.00	42.52 1.50 0.00	35.17 1.33 0.00	36.94 1.28 0.00	36.44 1.29 0.00	41.04 1.43 0.00	43.36 1.69 0.00	51.25 2.33 0.00	51.59 2.56 0.00	46.79 2.62 0.00	44.19 2.49 0.00	53.59 3.23 0.00	58.27 3.56 0.00	59.44 3.49 0.00	63.94 4.11 0.00	75.25 4.68 0.00	62.89 4.54 0.00
RAVENSWOOD___2 23534	52.02 1.74 0.00	42.44 1.42 0.00	35.10 1.26 0.00	36.87 1.21 0.00	36.36 1.22 0.00	40.96 1.34 0.00	43.27 1.61 0.00	51.15 2.24 0.00	51.49 2.45 0.00	46.69 2.52 0.00	44.09 2.40 0.00	53.49 3.13 0.00	58.16 3.45 0.00	59.31 3.36 0.00	63.69 3.86 0.00	74.85 4.28 0.00	62.54 4.19 0.00
RAVENSWOOD___3 23535	52.14 1.85 0.00	42.50 1.48 0.00	35.17 1.33 0.00	36.94 1.28 0.00	36.42 1.28 0.00	41.02 1.40 0.00	43.32 1.66 0.00	51.21 2.29 0.00	51.54 2.50 0.00	46.74 2.57 0.00	44.14 2.44 0.00	53.55 3.19 0.00	58.23 3.52 0.00	59.45 3.49 0.00	63.94 4.10 0.00	75.31 4.73 0.00	62.89 4.54 0.00
RAVENSWOOD___4 23820	52.11 1.82 0.00	42.50 1.48 0.00	35.16 1.33 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.02 1.40 0.00	43.35 1.69 0.00	51.23 2.31 0.00	51.57 2.53 0.00	46.77 2.60 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.24 3.53 0.00	59.42 3.47 0.00	63.93 4.09 0.00	75.23 4.66 0.00	62.89 4.54 0.00
RCPI_TRUST___DRP 24196	52.15 1.87 0.00	42.51 1.49 0.00	35.16 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.05 1.43 0.00	43.39 1.72 0.00	51.30 2.39 0.00	51.67 2.63 0.00	46.88 2.71 0.00	44.25 2.55 0.00	53.67 3.31 0.00	58.38 3.68 0.00	59.61 3.66 0.00	64.12 4.28 0.00	75.53 4.95 0.00	63.06 4.71 0.00
RED___ROCHESTER 323720	50.21 0.24 0.32	40.62 -0.41 0.00	33.35 -0.48 0.00	34.51 -0.41 0.74	33.61 -0.30 1.24	38.50 -0.20 0.93	41.37 -0.22 0.07	48.70 -0.21 0.00	49.59 0.55 0.00	44.96 0.79 0.00	42.74 1.04 0.00	51.43 1.07 0.00	56.19 1.48 0.00	57.65 1.70 0.00	61.75 1.91 0.00	73.24 2.67 0.00	60.66 2.31 0.00
REGAN___SOLAR 323812	53.08 2.79 0.00	43.20 2.18 0.00	35.58 1.74 0.00	37.47 1.80 0.00	36.94 1.79 0.00	41.70 2.08 0.00	43.89 2.23 0.00	50.81 1.90 0.00	49.54 0.50 0.00	44.14 -0.03 0.00	41.36 -0.34 0.00	49.95 -0.42 0.00	54.22 -0.49 0.00	55.49 -0.46 0.00	59.55 -0.28 0.00	70.39 -0.19 0.00	58.68 0.34 0.00
RENSSELAER___COGEN 23796	50.10 -0.18 0.00	41.22 0.20 0.00	34.23 0.39 0.00	36.08 0.42 0.00	35.54 0.39 0.00	39.91 0.29 0.00	41.68 0.02 0.00	48.92 0.00 0.00	48.83 -0.21 0.00	43.97 -0.20 0.00	41.40 -0.30 0.00	50.02 -0.35 0.00	54.28 -0.43 0.00	55.45 -0.50 0.00	59.50 -0.33 0.00	70.19 -0.39 0.00	58.40 0.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.84 5.55 0.00	45.57 4.55 0.00	37.62 3.78 0.00	39.61 3.95 0.00	38.97 3.82 0.00	43.67 4.05 0.00	45.62 3.96 0.00	53.30 4.39 0.00	52.37 3.33 0.00	46.16 1.99 0.00	42.96 1.26 0.00	52.84 2.47 0.00	57.36 2.65 0.00	58.34 2.39 0.00	63.00 3.17 0.00	75.39 4.82 0.00	63.64 5.29 0.00
REVERE_CPPR_DRP 24186	52.23 1.94 0.00	42.43 1.41 0.00	34.96 1.12 0.00	36.82 1.16 0.00	36.23 1.08 0.00	41.77 1.37 -0.78	43.14 1.48 0.00	50.56 1.65 0.00	50.47 1.43 0.00	45.21 1.04 0.00	42.67 0.97 0.00	63.58 1.22 -12.00	79.34 1.50 -23.13	84.49 1.72 -26.82	61.77 1.94 0.00	72.99 2.41 0.00	60.68 2.33 0.00
REYNLDDPA_13_KV_LD 356490	50.94 0.66 0.00	41.54 0.51 0.00	34.11 0.27 0.00	35.92 0.27 0.00	35.42 0.27 0.00	38.34 0.35 1.63	42.17 0.52 0.00	49.53 0.62 0.00	49.61 0.58 0.00	44.56 0.39 0.00	42.11 0.41 0.00	25.45 0.33 25.23	6.26 0.19 48.64	-0.44 0.01 56.40	59.41 -0.42 0.00	69.84 -0.73 0.00	57.40 -0.95 0.00
REYNOLDS_115KV_TB3 80639	50.40 0.12 0.00	41.51 0.49 0.00	34.48 0.64 0.00	36.36 0.70 0.00	35.80 0.65 0.00	40.17 0.55 0.00	41.89 0.22 0.00	49.20 0.29 0.00	49.08 0.04 0.00	44.14 -0.04 0.00	41.50 -0.19 0.00	50.21 -0.15 0.00	54.47 -0.24 0.00	55.64 -0.31 0.00	59.72 -0.11 0.00	70.42 -0.16 0.00	58.58 0.22 0.00

RIVERBAY____ 323610	53.33 3.04 0.00	43.57 2.54 0.00	36.12 2.29 0.00	37.89 2.23 0.00	37.37 2.23 0.00	42.21 2.59 0.00	44.61 2.94 0.00	52.68 3.77 0.00	52.94 3.91 0.00	47.86 3.69 0.00	45.18 3.48 0.00	54.89 4.53 0.00	59.73 5.02 0.00	61.02 5.08 0.00	65.63 5.79 0.00	77.39 6.81 0.00	64.54 6.20 0.00
RIVERSDE_115KV_TB3 55908	50.31 0.03 0.00	41.41 0.39 0.00	34.38 0.55 0.00	36.26 0.59 0.00	35.71 0.56 0.00	40.09 0.46 0.00	41.82 0.16 0.00	49.10 0.19 0.00	49.02 -0.02 0.00	44.11 -0.06 0.00	41.51 -0.19 0.00	50.17 -0.19 0.00	54.45 -0.26 0.00	55.64 -0.31 0.00	59.72 -0.11 0.00	70.45 -0.13 0.00	58.63 0.28 0.00
ROARING__BROOK_WT_PWR 323790	50.19 -0.09 0.00	40.85 -0.17 0.00	33.61 -0.23 0.00	35.51 -0.15 0.00	34.91 -0.24 0.00	39.40 -0.22 0.00	41.54 -0.12 0.00	48.78 -0.13 0.00	48.97 -0.07 0.00	44.12 -0.05 0.00	41.65 -0.04 0.00	50.27 -0.09 0.00	54.57 -0.14 0.00	55.83 -0.12 0.00	59.58 -0.25 0.00	70.14 -0.44 0.00	58.05 -0.29 0.00
ROCHESRG_115KV_T4 355643	49.69 -0.59 0.00	40.01 -1.02 0.00	32.87 -0.96 0.00	34.75 -0.91 0.00	34.34 -0.80 0.00	38.85 -0.77 0.00	40.82 -0.84 0.00	47.94 -0.97 0.00	48.77 -0.26 0.00	44.20 0.03 0.00	41.96 0.26 0.00	50.45 0.09 0.00	55.04 0.33 0.00	56.43 0.48 0.00	60.43 0.60 0.00	71.62 1.04 0.00	59.31 0.97 0.00
ROCHESTER_9_IC 23652	50.17 -0.11 0.00	40.37 -0.65 0.00	33.16 -0.67 0.00	35.05 -0.61 0.00	34.65 -0.50 0.00	39.20 -0.42 0.00	41.21 -0.45 0.00	48.42 -0.49 0.00	49.27 0.23 0.00	44.66 0.49 0.00	42.43 0.73 0.00	51.03 0.67 0.00	55.73 1.02 0.00	57.15 1.20 0.00	61.21 1.38 0.00	72.58 2.01 0.00	60.13 1.79 0.00
ROCKVIEW_13_KV_LD 356306	52.15 1.86 0.00	42.50 1.48 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.42 1.27 0.00	41.03 1.40 0.00	43.27 1.61 0.00	51.12 2.21 0.00	51.40 2.37 0.00	46.61 2.44 0.00	44.03 2.34 0.00	53.41 3.05 0.00	58.14 3.43 0.00	59.41 3.46 0.00	63.90 4.06 0.00	75.28 4.71 0.00	62.83 4.49 0.00
ROME____115KV_TB2 80656	52.23 1.94 0.00	42.43 1.41 0.00	34.96 1.12 0.00	36.82 1.16 0.00	36.23 1.08 0.00	41.77 1.37 -0.78	43.14 1.48 0.00	50.56 1.65 0.00	50.47 1.43 0.00	45.21 1.04 0.00	42.67 0.97 0.00	63.58 1.22 -12.00	79.34 1.50 -23.13	84.49 1.72 -26.82	61.77 1.94 0.00	72.99 2.41 0.00	60.68 2.33 0.00
ROSETON__1 23587	51.42 1.14 0.00	41.98 0.96 0.00	34.74 0.90 0.00	36.54 0.88 0.00	36.02 0.87 0.00	40.52 0.90 0.00	42.68 1.02 0.00	50.36 1.45 0.00	50.56 1.53 0.00	45.75 1.58 0.00	43.19 1.50 0.00	52.33 1.97 0.00	56.89 2.18 0.00	58.14 2.19 0.00	62.44 2.61 0.00	73.54 2.97 0.00	61.37 3.02 0.00
ROSETON__2 23588	51.42 1.14 0.00	41.98 0.96 0.00	34.74 0.90 0.00	36.54 0.88 0.00	36.02 0.87 0.00	40.52 0.90 0.00	42.68 1.02 0.00	50.36 1.45 0.00	50.56 1.53 0.00	45.75 1.58 0.00	43.19 1.50 0.00	52.33 1.97 0.00	56.89 2.18 0.00	58.14 2.19 0.00	62.44 2.61 0.00	73.54 2.97 0.00	61.37 3.02 0.00
ROTTDRAM_115KV_TB3 80664	51.12 0.84 0.00	41.85 0.83 0.00	34.61 0.77 0.00	36.48 0.82 0.00	35.94 0.79 0.00	40.42 0.81 0.00	42.39 0.73 0.00	49.78 0.87 0.00	49.68 0.64 0.00	44.63 0.46 0.00	42.02 0.32 0.00	50.84 0.48 0.00	55.18 0.48 0.00	56.42 0.47 0.00	60.49 0.66 0.00	71.36 0.79 0.00	59.34 1.00 0.00
RUSSELL__1 23602	50.51 0.22 0.00	40.62 -0.41 0.00	33.36 -0.48 0.00	35.25 -0.41 0.00	34.83 -0.31 0.00	39.41 -0.21 0.00	41.44 -0.22 0.00	48.70 -0.21 0.00	49.58 0.55 0.00	44.97 0.80 0.00	42.74 1.04 0.00	51.44 1.08 0.00	56.18 1.47 0.00	57.66 1.70 0.00	61.78 1.95 0.00	73.25 2.68 0.00	60.71 2.36 0.00
RUSSELL__2 23532	50.51 0.22 0.00	40.62 -0.41 0.00	33.36 -0.48 0.00	35.25 -0.41 0.00	34.83 -0.31 0.00	39.41 -0.21 0.00	41.44 -0.22 0.00	48.70 -0.21 0.00	49.58 0.55 0.00	44.97 0.80 0.00	42.74 1.04 0.00	51.44 1.08 0.00	56.18 1.47 0.00	57.66 1.70 0.00	61.78 1.95 0.00	73.25 2.68 0.00	60.71 2.36 0.00
RUSSELL__3 23549	50.51 0.22 0.00	40.62 -0.41 0.00	33.36 -0.48 0.00	35.25 -0.41 0.00	34.83 -0.31 0.00	39.41 -0.21 0.00	41.44 -0.22 0.00	48.70 -0.21 0.00	49.58 0.55 0.00	44.97 0.80 0.00	42.74 1.04 0.00	51.44 1.08 0.00	56.18 1.47 0.00	57.66 1.70 0.00	61.78 1.95 0.00	73.25 2.68 0.00	60.71 2.36 0.00
RUSSELL__4 23556	50.51 0.22 0.00	40.62 -0.41 0.00	33.36 -0.48 0.00	35.25 -0.41 0.00	34.83 -0.31 0.00	39.41 -0.21 0.00	41.44 -0.22 0.00	48.70 -0.21 0.00	49.58 0.55 0.00	44.97 0.80 0.00	42.74 1.04 0.00	51.44 1.08 0.00	56.18 1.47 0.00	57.66 1.70 0.00	61.78 1.95 0.00	73.25 2.68 0.00	60.71 2.36 0.00
RUSSELL__STATION 23914	50.51 0.22 0.00	40.62 -0.41 0.00	33.36 -0.48 0.00	35.25 -0.41 0.00	34.83 -0.31 0.00	39.41 -0.21 0.00	41.44 -0.22 0.00	48.70 -0.21 0.00	49.58 0.55 0.00	44.97 0.80 0.00	42.74 1.04 0.00	51.44 1.08 0.00	56.18 1.47 0.00	57.66 1.70 0.00	61.78 1.95 0.00	73.25 2.68 0.00	60.71 2.36 0.00

S SALMON___HYD 24043	50.40 0.12 0.00	40.80 -0.22 0.00	33.62 -0.22 0.00	35.45 -0.21 0.00	34.91 -0.24 0.00	40.32 -0.16 -0.86	41.54 -0.12 0.00	48.57 -0.34 0.00	48.67 -0.36 0.00	43.79 -0.38 0.00	41.29 -0.41 0.00	63.12 -0.50 -13.26	79.93 -0.34 -25.56	85.29 -0.30 -29.64	59.38 -0.45 0.00	69.82 -0.75 0.00	57.77 -0.58 0.00
S.PERRY___115KV_TB1 80734	51.83 1.55 0.00	41.60 0.58 0.00	34.14 0.30 0.00	36.08 0.42 0.00	35.71 0.56 0.00	40.51 0.89 0.00	42.72 1.06 0.00	50.08 1.17 0.00	50.84 1.80 0.00	45.46 1.29 0.00	43.17 1.47 0.00	51.61 1.25 0.00	56.47 1.76 0.00	57.62 1.67 0.00	61.77 1.94 0.00	73.44 2.86 0.00	60.89 2.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.03 -1.25 0.00	39.20 -1.82 0.00	32.17 -1.67 0.00	34.07 -1.59 0.00	33.74 -1.41 0.00	38.22 -1.40 0.00	40.12 -1.54 0.00	47.14 -1.77 0.00	48.37 -0.66 0.00	43.95 -0.22 0.00	41.84 0.14 0.00	50.06 -0.30 0.00	54.64 -0.07 0.00	55.99 0.04 0.00	59.91 0.08 0.00	71.01 0.43 0.00	58.69 0.34 0.00
SAWYER___23_KV_LOAD 55526	49.03 -1.25 0.00	39.20 -1.82 0.00	32.17 -1.67 0.00	34.07 -1.59 0.00	33.74 -1.41 0.00	38.22 -1.40 0.00	40.12 -1.54 0.00	47.14 -1.77 0.00	48.37 -0.66 0.00	43.95 -0.22 0.00	41.84 0.14 0.00	50.06 -0.30 0.00	54.64 -0.07 0.00	55.99 0.04 0.00	59.91 0.08 0.00	71.01 0.43 0.00	58.69 0.34 0.00
SELKIRK___I 23801	50.67 0.38 0.00	41.60 0.58 0.00	34.49 0.65 0.00	36.34 0.68 0.00	35.84 0.69 0.00	40.29 0.67 0.00	42.13 0.47 0.00	49.36 0.45 0.00	49.22 0.19 0.00	44.37 0.19 0.00	41.78 0.08 0.00	50.48 0.12 0.00	54.69 -0.02 0.00	55.78 -0.17 0.00	59.78 -0.06 0.00	70.78 0.20 0.00	58.88 0.53 0.00
SELKIRK___II 23799	50.37 0.09 0.00	41.36 0.34 0.00	34.29 0.46 0.00	36.14 0.48 0.00	35.61 0.46 0.00	40.02 0.39 0.00	41.87 0.20 0.00	49.17 0.26 0.00	49.14 0.10 0.00	44.25 0.08 0.00	41.67 -0.03 0.00	50.35 -0.01 0.00	54.65 -0.06 0.00	55.83 -0.12 0.00	59.87 0.04 0.00	70.61 0.03 0.00	58.75 0.41 0.00
SENECA OSWGO___HYD 24041	49.27 -1.01 0.00	40.06 -0.96 0.00	33.03 -0.81 0.00	34.81 -0.84 0.00	34.34 -0.81 0.00	39.04 -0.87 -0.29	40.67 -0.99 0.00	47.62 -1.29 0.00	47.81 -1.23 0.00	43.08 -1.09 0.00	40.69 -1.01 0.00	53.60 -1.24 -4.48	62.15 -1.19 -8.63	64.72 -1.24 -10.00	58.64 -1.19 0.00	69.33 -1.25 0.00	57.37 -0.98 0.00
SENECA___115KV_TB3 355854	48.82 -0.73 0.73	39.57 -1.45 0.00	32.47 -1.37 0.00	32.69 -1.26 1.72	31.23 -1.07 2.85	36.49 -1.00 2.13	40.40 -1.11 0.15	47.68 -1.23 0.00	48.91 -0.13 0.00	44.40 0.23 0.00	42.28 0.58 0.00	50.60 0.24 0.00	55.28 0.57 0.00	56.62 0.67 0.00	60.56 0.73 0.00	71.99 1.41 0.00	59.51 1.17 0.00
SENECA___ENERGY 23797	50.06 -0.22 0.00	40.53 -0.50 0.00	33.34 -0.50 0.00	35.20 -0.45 0.00	34.74 -0.41 0.00	39.52 -0.28 -0.17	41.71 0.04 0.00	48.98 0.07 0.00	49.27 0.24 0.00	44.61 0.43 0.00	42.20 0.51 0.00	53.62 0.53 -2.73	60.61 0.64 -5.26	62.41 0.36 -6.10	59.91 0.07 0.00	70.93 0.35 0.00	58.78 0.43 0.00
SHOEMAKER___GT 23640	51.43 1.15 0.00	41.93 0.90 0.00	34.67 0.84 0.00	36.47 0.81 0.00	35.95 0.80 0.00	40.47 0.85 0.00	42.64 0.97 0.00	50.25 1.34 0.00	50.42 1.38 0.00	45.54 1.37 0.00	42.99 1.29 0.00	52.06 1.70 0.00	56.70 2.00 0.00	58.02 2.06 0.00	62.32 2.49 0.00	73.43 2.85 0.00	61.31 2.96 0.00
SHOEMAKR_138KV_BK 111 55601	51.40 1.12 0.00	41.90 0.87 0.00	34.65 0.81 0.00	36.45 0.79 0.00	35.93 0.79 0.00	40.44 0.82 0.00	42.61 0.95 0.00	50.23 1.32 0.00	50.42 1.38 0.00	45.56 1.39 0.00	43.03 1.32 0.00	52.11 1.75 0.00	56.75 2.05 0.00	58.04 2.09 0.00	62.38 2.54 0.00	73.48 2.91 0.00	61.31 2.97 0.00
SHOREHAM_IC_1 23715	51.61 1.33 0.00	42.31 1.29 0.00	35.11 1.27 0.00	36.87 1.21 0.00	36.62 1.47 0.00	40.90 1.28 0.00	42.92 1.26 0.00	50.53 1.63 0.00	50.58 1.54 0.00	46.31 2.14 0.00	43.50 1.80 0.00	52.59 2.23 0.00	57.82 3.11 0.00	59.65 3.70 0.00	64.23 4.40 0.00	74.98 4.41 0.00	63.04 4.70 0.00
SHOREHAM_IC_2 23716	51.61 1.33 0.00	42.31 1.29 0.00	35.11 1.27 0.00	36.87 1.21 0.00	36.62 1.47 0.00	40.90 1.28 0.00	42.92 1.26 0.00	50.53 1.63 0.00	50.58 1.54 0.00	46.31 2.14 0.00	43.50 1.80 0.00	52.59 2.23 0.00	57.82 3.11 0.00	59.65 3.70 0.00	64.23 4.40 0.00	74.98 4.41 0.00	63.04 4.70 0.00
SISSONVILLE____ 23735	51.16 0.87 0.00	41.63 0.60 0.00	34.13 0.29 0.00	35.98 0.32 0.00	35.44 0.29 0.00	48.71 0.45 -8.64	42.50 0.81 -0.02	49.67 0.76 0.00	49.56 0.52 0.00	44.54 0.37 0.00	42.02 0.33 0.00	184.07 0.15 -133.55	312.14 -0.03 -257.46	354.70 0.24 -298.51	58.99 -0.85 0.00	69.17 -1.41 0.00	56.52 -1.83 0.00
SITHE_IND_GS1 24169	48.76 -1.53 0.00	39.69 -1.34 0.00	32.72 -1.12 0.00	34.50 -1.16 0.00	34.02 -1.13 0.00	38.39 -1.24 0.00	40.25 -1.42 0.00	47.09 -1.82 0.00	47.31 -1.73 0.00	42.65 -1.52 0.00	40.30 -1.39 0.00	48.63 -1.73 0.00	52.89 -1.82 0.00	54.11 -1.84 0.00	57.92 -1.92 0.00	68.43 -2.15 0.00	56.66 -1.68 0.00

SITHE_IND_GS2 24170	48.76 -1.53 0.00	39.69 -1.34 0.00	32.72 -1.12 0.00	34.50 -1.16 0.00	34.02 -1.13 0.00	38.39 -1.24 0.00	40.25 -1.42 0.00	47.09 -1.82 0.00	47.31 -1.73 0.00	42.65 -1.52 0.00	40.30 -1.39 0.00	48.63 -1.73 0.00	52.89 -1.82 0.00	54.11 -1.84 0.00	57.92 -1.92 0.00	68.43 -2.15 0.00	56.66 -1.68 0.00
SITHE_IND_GS3 24171	48.76 -1.53 0.00	39.69 -1.34 0.00	32.72 -1.12 0.00	34.50 -1.16 0.00	34.02 -1.13 0.00	38.39 -1.24 0.00	40.25 -1.42 0.00	47.09 -1.82 0.00	47.31 -1.73 0.00	42.65 -1.52 0.00	40.30 -1.39 0.00	48.63 -1.73 0.00	52.89 -1.82 0.00	54.11 -1.84 0.00	57.92 -1.92 0.00	68.43 -2.15 0.00	56.66 -1.68 0.00
SITHE_IND_GS4 24172	48.76 -1.53 0.00	39.69 -1.34 0.00	32.72 -1.12 0.00	34.50 -1.16 0.00	34.02 -1.13 0.00	38.39 -1.24 0.00	40.25 -1.42 0.00	47.09 -1.82 0.00	47.31 -1.73 0.00	42.65 -1.52 0.00	40.30 -1.39 0.00	48.63 -1.73 0.00	52.89 -1.82 0.00	54.11 -1.84 0.00	57.92 -1.92 0.00	68.43 -2.15 0.00	56.66 -1.68 0.00
SITHE___BATAVIA 24024	49.97 0.18 0.49	40.40 -0.62 0.00	33.13 -0.71 0.00	33.82 -0.68 1.16	32.65 -0.57 1.92	37.84 -0.34 1.44	41.32 -0.24 0.10	48.67 -0.24 0.00	49.62 0.58 0.00	44.88 0.71 0.00	42.53 0.83 0.00	50.64 0.28 0.00	55.26 0.55 0.00	56.59 0.64 0.00	60.61 0.77 0.00	72.13 1.56 0.00	59.85 1.49 0.00
SITHE___INDEPEND 23800	48.75 -1.53 0.00	39.69 -1.34 0.00	32.72 -1.12 0.00	34.50 -1.17 0.00	34.02 -1.13 0.00	38.38 -1.24 0.00	40.25 -1.42 0.00	47.09 -1.82 0.00	47.31 -1.73 0.00	42.65 -1.52 0.00	40.30 -1.39 0.00	48.63 -1.73 0.00	52.89 -1.82 0.00	54.11 -1.84 0.00	57.93 -1.91 0.00	68.43 -2.15 0.00	56.66 -1.68 0.00
SITHE___MASSENA 23902	51.06 0.78 0.00	41.61 0.59 0.00	34.15 0.32 0.00	35.99 0.33 0.00	35.47 0.32 0.00	52.72 0.45 -12.65	42.52 0.83 -0.03	49.83 0.92 0.00	49.85 0.82 0.00	44.79 0.61 0.00	42.31 0.60 0.00	246.45 0.54 -195.55	431.99 0.31 -376.97	493.59 0.56 -437.08	59.67 -0.16 0.00	70.13 -0.44 0.00	57.39 -0.95 0.00
SITHE___OGDNSBRG 24021	52.12 1.84 0.00	42.41 1.39 0.00	34.79 0.95 0.00	36.67 1.01 0.00	36.15 1.00 0.00	51.08 1.26 -10.20	43.36 1.67 -0.03	50.51 1.60 0.00	50.11 1.07 0.00	44.98 0.81 0.00	42.46 0.76 0.00	208.60 0.61 -157.63	359.02 0.43 -303.88	409.07 0.79 -352.33	59.67 -0.16 0.00	70.49 -0.09 0.00	57.68 -0.66 0.00
SITHE___STERLING 23777	51.62 1.34 0.00	41.97 0.94 0.00	34.60 0.76 0.00	36.45 0.79 0.00	35.91 0.76 0.00	41.09 0.94 -0.53	42.65 0.99 0.00	50.01 1.10 0.00	49.95 0.92 0.00	44.80 0.63 0.00	42.34 0.64 0.00	59.38 0.82 -8.19	71.50 1.00 -15.80	75.45 1.18 -18.31	61.19 1.36 0.00	72.35 1.78 0.00	60.10 1.76 0.00
SLEIGHT__34_KV_TB1 80719	49.80 -0.49 0.00	40.20 -0.83 0.00	33.06 -0.78 0.00	34.92 -0.74 0.00	34.47 -0.68 0.00	39.03 -0.59 0.00	40.97 -0.69 0.00	48.09 -0.82 0.00	48.74 -0.30 0.00	44.14 -0.03 0.00	41.88 0.18 0.00	50.56 0.20 0.00	55.04 0.33 0.00	56.29 0.34 0.00	60.35 0.52 0.00	71.17 0.59 0.00	58.90 0.55 0.00
SOUTH CAIRO___GT 23612	52.09 1.80 0.00	42.72 1.69 0.00	35.40 1.56 0.00	37.28 1.63 0.00	36.76 1.62 0.00	41.35 1.73 0.00	43.30 1.63 0.00	50.80 1.89 0.00	50.50 1.46 0.00	45.14 0.97 0.00	42.36 0.66 0.00	51.23 0.87 0.00	55.60 0.89 0.00	56.95 1.00 0.00	61.28 1.45 0.00	72.67 2.10 0.00	60.83 2.49 0.00
SOUTH HAMPTN___IC 23720	52.54 2.26 0.00	43.07 2.04 0.00	35.70 1.86 0.00	37.47 1.81 0.00	37.18 2.03 0.00	41.58 1.97 0.00	43.72 2.06 0.00	51.51 2.60 0.00	51.67 2.63 0.00	47.36 3.20 0.00	44.59 2.89 0.00	53.97 3.61 0.00	59.33 4.62 0.00	61.23 5.28 0.00	65.85 6.01 0.00	76.95 6.38 0.00	64.69 6.33 0.00
SOUTHDOW_115KV_TB1 355954	50.52 0.24 0.00	40.29 -0.74 0.00	33.10 -0.74 0.00	35.03 -0.63 0.00	34.80 -0.35 0.00	39.40 -0.22 0.00	41.45 -0.21 0.00	49.02 0.11 0.00	50.21 1.17 0.00	45.75 1.58 0.00	43.57 1.87 0.00	52.17 1.81 0.00	56.91 2.20 0.00	58.16 2.21 0.00	62.24 2.41 0.00	74.35 3.77 0.00	61.52 3.17 0.00
SOUTHOLD_69_KV_BK 2 55809	53.46 3.18 0.00	43.81 2.79 0.00	36.27 2.43 0.00	38.07 2.41 0.00	37.75 2.60 0.00	42.27 2.65 0.00	44.49 2.83 0.00	52.47 3.55 0.00	52.72 3.68 0.00	48.36 4.19 0.00	45.60 3.90 0.00	55.21 4.85 0.00	60.70 5.99 0.00	62.69 6.75 0.00	67.36 7.53 0.00	78.72 8.15 0.00	66.14 7.80 0.00
SOUTHOLD___IC 23719	53.44 3.16 0.00	43.81 2.78 0.00	36.27 2.43 0.00	38.07 2.41 0.00	37.75 2.60 0.00	42.27 2.65 0.00	44.49 2.83 0.00	52.46 3.55 0.00	52.69 3.65 0.00	48.36 4.19 0.00	45.60 3.90 0.00	55.21 4.85 0.00	60.70 5.99 0.00	62.69 6.74 0.00	67.35 7.52 0.00	78.73 8.15 0.00	66.14 7.80 0.00
SOUTH_FORK_WT_PWR 323839	53.59 3.31 0.00	43.96 2.93 0.00	36.39 2.55 0.00	38.19 2.53 0.00	37.87 2.72 0.00	42.42 2.80 0.00	44.65 2.99 0.00	52.66 3.75 0.00	52.90 3.87 0.00	48.54 4.37 0.00	45.78 4.08 0.00	55.45 5.08 0.00	60.94 6.24 0.00	62.92 6.97 0.00	67.51 7.67 0.00	78.82 8.25 0.00	66.25 7.90 0.00

SPIERFLS_115KV_TB 1 80737	52.10 1.81 0.00	42.71 1.68 0.00	35.31 1.47 0.00	37.23 1.57 0.00	36.67 1.52 0.00	41.19 1.57 0.00	43.05 1.39 0.00	50.55 1.64 0.00	50.19 1.15 0.00	44.79 0.62 0.00	41.77 0.08 0.00	50.75 0.39 0.00	55.18 0.48 0.00	56.18 0.23 0.00	60.43 0.60 0.00	71.54 0.97 0.00	59.69 1.35 0.00
ST LAWRENCE____ 23600	50.48 0.20 0.00	41.17 0.15 0.00	33.81 -0.03 0.00	35.62 -0.04 0.00	35.11 -0.04 0.00	38.36 0.00 1.26	41.78 0.12 0.00	49.08 0.17 0.00	49.18 0.14 0.00	44.18 0.01 0.00	41.75 0.05 0.00	30.86 -0.09 19.42	17.02 -0.26 37.43	12.32 -0.22 43.41	59.18 -0.65 0.00	69.60 -0.98 0.00	57.28 -1.07 0.00
STATE_CA_115KV_115_LB 55624	50.46 0.17 0.00	41.50 0.48 0.00	34.45 0.60 0.00	36.29 0.64 0.00	35.77 0.62 0.00	40.18 0.56 0.00	41.95 0.29 0.00	49.23 0.32 0.00	49.19 0.15 0.00	44.29 0.12 0.00	41.72 0.02 0.00	50.42 0.06 0.00	54.72 0.02 0.00	55.96 0.01 0.00	60.05 0.22 0.00	70.89 0.31 0.00	59.00 0.64 0.00
STATE_ST_34_KV_LOAD 55959	50.47 0.18 0.00	40.91 -0.11 0.00	33.66 -0.18 0.00	35.60 -0.06 0.00	35.01 -0.14 0.00	39.88 0.08 -0.18	41.64 -0.02 0.00	48.99 0.08 0.00	49.22 0.19 0.00	44.33 0.15 0.00	41.90 0.20 0.00	53.33 0.17 -2.80	60.37 0.26 -5.40	62.29 0.08 -6.25	59.93 0.09 0.00	70.89 0.32 0.00	58.77 0.42 0.00
STATION 5_MISC_HYD 23604	49.87 -0.09 0.32	40.37 -0.65 0.00	33.17 -0.67 0.00	34.31 -0.60 0.74	33.42 -0.50 1.24	38.29 -0.41 0.93	41.15 -0.45 0.07	48.42 -0.49 0.00	49.29 0.25 0.00	44.66 0.49 0.00	42.44 0.74 0.00	51.04 0.67 0.00	55.72 1.01 0.00	57.15 1.20 0.00	61.17 1.34 0.00	72.58 2.00 0.00	60.13 1.79 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.12 -0.17 0.00	40.45 -0.58 0.00	33.25 -0.59 0.00	35.12 -0.54 0.00	34.69 -0.46 0.00	39.33 -0.29 0.00	42.20 0.53 0.00	49.57 0.66 0.00	50.15 1.11 0.00	45.39 1.21 0.00	43.09 1.40 0.00	51.92 1.56 0.00	56.55 1.84 0.00	57.76 1.81 0.00	61.00 1.16 0.00	72.00 1.43 0.00	59.66 1.31 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.83 -0.45 0.00	40.13 -0.90 0.00	32.98 -0.86 0.00	34.84 -0.82 0.00	34.43 -0.72 0.00	38.95 -0.67 0.00	40.93 -0.74 0.00	48.08 -0.83 0.00	48.91 -0.13 0.00	44.33 0.15 0.00	42.07 0.37 0.00	50.63 0.27 0.00	55.26 0.55 0.00	56.66 0.71 0.00	60.65 0.82 0.00	72.04 1.47 0.00	59.66 1.32 0.00
STA_56____34_KV_BUS2 355983	49.83 -0.45 0.00	40.13 -0.90 0.00	32.98 -0.86 0.00	34.84 -0.82 0.00	34.43 -0.72 0.00	38.95 -0.67 0.00	40.93 -0.74 0.00	48.08 -0.83 0.00	48.91 -0.13 0.00	44.33 0.15 0.00	42.07 0.37 0.00	50.63 0.27 0.00	55.26 0.55 0.00	56.66 0.71 0.00	60.65 0.82 0.00	72.04 1.47 0.00	59.66 1.32 0.00
STA_67____115KV_BK2 355882	50.04 -0.24 0.00	40.28 -0.75 0.00	33.08 -0.76 0.00	34.97 -0.69 0.00	34.56 -0.59 0.00	39.10 -0.52 0.00	41.10 -0.57 0.00	48.28 -0.63 0.00	49.15 0.11 0.00	44.53 0.36 0.00	42.30 0.60 0.00	50.87 0.51 0.00	55.52 0.82 0.00	56.94 0.99 0.00	60.99 1.16 0.00	72.31 1.74 0.00	59.89 1.55 0.00
STA_7____115KV_9TRANS 80674	50.51 0.22 0.00	40.62 -0.41 0.00	33.36 -0.48 0.00	35.25 -0.41 0.00	34.83 -0.31 0.00	39.41 -0.21 0.00	41.44 -0.22 0.00	48.70 -0.21 0.00	49.58 0.55 0.00	44.97 0.80 0.00	42.74 1.04 0.00	51.44 1.08 0.00	56.18 1.47 0.00	57.66 1.70 0.00	61.78 1.95 0.00	73.25 2.68 0.00	60.71 2.36 0.00
STA_82____115KV_TB1 80780	49.97 -0.32 0.00	40.21 -0.81 0.00	33.04 -0.80 0.00	34.92 -0.74 0.00	34.52 -0.63 0.00	39.05 -0.57 0.00	41.05 -0.61 0.00	48.23 -0.68 0.00	49.07 0.03 0.00	44.47 0.30 0.00	42.22 0.53 0.00	50.78 0.42 0.00	55.42 0.71 0.00	56.82 0.87 0.00	60.85 1.01 0.00	72.13 1.56 0.00	59.78 1.44 0.00
STEEL____WIND 323596	48.74 -0.81 0.73	39.51 -1.51 0.00	32.42 -1.42 0.00	32.63 -1.31 1.72	31.18 -1.12 2.85	36.44 -1.05 2.13	40.35 -1.16 0.15	47.63 -1.28 0.00	48.84 -0.19 0.00	44.34 0.17 0.00	42.22 0.53 0.00	50.52 0.16 0.00	55.17 0.46 0.00	56.50 0.55 0.00	60.47 0.63 0.00	71.84 1.27 0.00	59.41 1.05 0.00
STEPHTWN_115KV_BK_2 55603	50.75 0.46 0.00	41.68 0.66 0.00	34.52 0.68 0.00	36.41 0.76 0.00	35.88 0.73 0.00	40.32 0.70 0.00	42.14 0.47 0.00	49.54 0.63 0.00	49.49 0.45 0.00	44.52 0.35 0.00	42.01 0.32 0.00	50.68 0.32 0.00	55.06 0.35 0.00	56.28 0.33 0.00	60.36 0.53 0.00	71.35 0.77 0.00	59.19 0.84 0.00
STEUBEN_REC_LFGE 323667	50.67 0.38 0.00	40.66 -0.36 0.00	33.43 -0.41 0.00	35.34 -0.32 0.00	35.00 -0.15 0.00	39.69 0.06 0.00	41.83 0.17 0.00	48.97 0.06 0.00	49.66 0.62 0.00	44.79 0.61 0.00	42.38 0.69 0.00	50.83 0.46 0.00	55.62 0.91 0.00	56.42 0.47 0.00	60.33 0.50 0.00	71.96 1.39 0.00	59.61 1.27 0.00
STILLWATER____SOLAR 323814	51.94 1.65 0.00	42.63 1.61 0.00	35.27 1.44 0.00	37.20 1.54 0.00	36.65 1.50 0.00	41.18 1.56 0.00	43.05 1.39 0.00	50.53 1.62 0.00	50.24 1.20 0.00	44.95 0.78 0.00	42.14 0.44 0.00	51.09 0.73 0.00	55.47 0.77 0.00	56.66 0.71 0.00	60.85 1.02 0.00	71.93 1.36 0.00	59.92 1.57 0.00

STONY___BROOK 24151	51.89 1.60 0.00	42.60 1.58 0.00	35.30 1.46 0.00	37.06 1.41 0.00	36.69 1.54 0.00	41.13 1.51 0.00	43.26 1.60 0.00	50.98 2.07 0.00	51.10 2.06 0.00	46.70 2.53 0.00	43.93 2.24 0.00	53.19 2.83 0.00	58.45 3.74 0.00	60.23 4.28 0.00	64.77 4.94 0.00	75.34 4.77 0.00	63.10 4.76 0.00
STURGEON_POOL_HYD 23609	51.64 1.36 0.00	42.13 1.10 0.00	34.84 1.00 0.00	36.65 0.99 0.00	36.12 0.97 0.00	40.63 1.01 0.00	42.83 1.16 0.00	50.58 1.67 0.00	50.84 1.80 0.00	45.99 1.82 0.00	43.41 1.71 0.00	52.56 2.20 0.00	57.16 2.45 0.00	58.54 2.59 0.00	62.95 3.12 0.00	74.07 3.49 0.00	61.83 3.49 0.00
ST_LAW_115_BK7_LBMP 345037	50.48 0.20 0.00	41.17 0.14 0.00	33.81 -0.03 0.00	35.61 -0.05 0.00	35.10 -0.05 0.00	37.99 0.00 1.63	41.78 0.13 0.00	49.08 0.17 0.00	49.17 0.13 0.00	44.16 -0.01 0.00	41.72 0.02 0.00	25.00 -0.12 25.23	5.75 -0.31 48.64	-0.73 -0.28 56.40	59.05 -0.78 0.00	69.43 -1.15 0.00	57.10 -1.24 0.00
ST_LAW_115_BK8_LBMP 345038	50.48 0.20 0.00	41.17 0.14 0.00	33.81 -0.03 0.00	35.61 -0.05 0.00	35.10 -0.05 0.00	37.99 0.00 1.63	41.78 0.13 0.00	49.08 0.17 0.00	49.17 0.13 0.00	44.16 -0.01 0.00	41.72 0.02 0.00	25.00 -0.12 25.23	5.75 -0.31 48.64	-0.73 -0.28 56.40	59.05 -0.78 0.00	69.43 -1.15 0.00	57.10 -1.24 0.00
ST_LAW_230_BK5_LBMP 345035	50.48 0.20 0.00	41.17 0.15 0.00	33.81 -0.03 0.00	35.62 -0.04 0.00	35.11 -0.04 0.00	38.69 0.00 0.93	41.78 0.12 0.00	49.08 0.17 0.00	49.18 0.14 0.00	44.18 0.01 0.00	41.75 0.05 0.00	35.95 -0.09 14.32	26.84 -0.26 27.61	23.72 -0.22 32.01	59.18 -0.65 0.00	69.60 -0.98 0.00	57.28 -1.07 0.00
ST_LAW_230_BK6_LBMP 345036	50.48 0.20 0.00	41.17 0.15 0.00	33.81 -0.03 0.00	35.62 -0.04 0.00	35.11 -0.04 0.00	38.69 0.00 0.93	41.78 0.12 0.00	49.08 0.17 0.00	49.18 0.14 0.00	44.18 0.01 0.00	41.75 0.05 0.00	35.95 -0.09 14.32	26.84 -0.26 27.61	23.72 -0.22 32.01	59.18 -0.65 0.00	69.60 -0.98 0.00	57.28 -1.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.57 1.28 0.00	42.02 0.99 0.00	34.75 0.91 0.00	36.55 0.89 0.00	36.03 0.88 0.00	40.55 0.93 0.00	42.74 1.08 0.00	50.42 1.52 0.00	50.66 1.63 0.00	45.87 1.70 0.00	43.34 1.65 0.00	52.56 2.20 0.00	57.25 2.54 0.00	58.54 2.59 0.00	62.92 3.09 0.00	74.18 3.61 0.00	61.90 3.55 0.00
SWANROAD_115KV_TB1 355699	48.12 -2.16 0.00	38.55 -2.48 0.00	31.62 -2.22 0.00	33.29 -2.37 0.00	32.84 -2.31 0.00	37.36 -2.26 0.00	39.43 -2.23 0.00	46.29 -2.61 0.00	47.47 -1.56 0.00	43.14 -1.03 0.00	41.03 -0.67 0.00	48.80 -1.56 0.00	53.19 -1.52 0.00	54.51 -1.43 0.00	58.35 -1.49 0.00	69.07 -1.50 0.00	57.17 -1.18 0.00
SYNERGY___BIOGAS 323694	50.43 0.15 0.00	40.40 -0.62 0.00	33.13 -0.71 0.00	34.98 -0.68 0.00	34.56 -0.59 0.00	39.27 -0.35 0.00	41.42 -0.24 0.00	48.67 -0.24 0.00	49.61 0.57 0.00	44.89 0.72 0.00	42.53 0.83 0.00	50.64 0.28 0.00	55.26 0.55 0.00	56.60 0.65 0.00	60.66 0.82 0.00	72.13 1.55 0.00	59.85 1.49 0.00
SYRACUSE___ENERGY_ST1 323597	50.03 -0.25 0.00	40.63 -0.39 0.00	33.50 -0.34 0.00	35.33 -0.33 0.00	34.83 -0.32 0.00	39.55 -0.28 -0.21	41.29 -0.37 0.00	48.40 -0.51 0.00	48.61 -0.43 0.00	43.83 -0.34 0.00	41.44 -0.25 0.00	53.36 -0.34 -3.34	60.89 -0.25 -6.43	63.18 -0.22 -7.46	59.68 -0.15 0.00	70.54 -0.03 0.00	58.47 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	50.03 -0.25 0.00	40.63 -0.39 0.00	33.50 -0.34 0.00	35.33 -0.33 0.00	34.83 -0.32 0.00	39.55 -0.28 -0.21	41.29 -0.37 0.00	48.40 -0.51 0.00	48.61 -0.43 0.00	43.83 -0.34 0.00	41.44 -0.25 0.00	53.36 -0.34 -3.34	60.89 -0.25 -6.43	63.18 -0.22 -7.46	59.68 -0.15 0.00	70.54 -0.03 0.00	58.47 0.13 0.00
SYRACUSE___POWER 24017	50.06 -0.22 0.00	40.66 -0.36 0.00	33.53 -0.31 0.00	35.34 -0.32 0.00	34.85 -0.30 0.00	39.57 -0.28 -0.23	41.31 -0.35 0.00	48.45 -0.46 0.00	48.68 -0.36 0.00	43.88 -0.29 0.00	41.52 -0.18 0.00	53.68 -0.23 -3.55	61.46 -0.10 -6.85	63.89 0.00 -7.94	59.93 0.10 0.00	70.90 0.32 0.00	58.71 0.36 0.00
TALLMAN__138KV_BK151 55660	51.77 1.49 0.00	42.17 1.15 0.00	34.90 1.06 0.00	36.69 1.03 0.00	36.17 1.02 0.00	40.71 1.09 0.00	42.94 1.28 0.00	50.68 1.77 0.00	50.96 1.92 0.00	46.20 2.03 0.00	43.69 1.99 0.00	53.03 2.67 0.00	57.77 3.06 0.00	59.05 3.10 0.00	63.51 3.68 0.00	74.86 4.28 0.00	62.54 4.19 0.00
TEALLAVE_115KV_TB7 355573	49.81 -0.48 0.00	40.47 -0.55 0.00	33.36 -0.48 0.00	35.17 -0.49 0.00	34.69 -0.46 0.00	39.41 -0.47 -0.26	41.10 -0.56 0.00	48.17 -0.74 0.00	48.45 -0.59 0.00	43.71 -0.46 0.00	41.36 -0.34 0.00	53.99 -0.41 -4.04	62.18 -0.32 -7.79	64.73 -0.25 -9.03	59.69 -0.14 0.00	70.59 0.02 0.00	58.48 0.13 0.00
TELGRAPH_34_KV_EAST 80808	49.34 -0.95 0.00	39.51 -1.51 0.00	32.42 -1.42 0.00	34.21 -1.45 0.00	33.78 -1.37 0.00	38.37 -1.25 0.00	40.46 -1.20 0.00	47.53 -1.38 0.00	48.64 -0.39 0.00	44.13 -0.04 0.00	41.90 0.20 0.00	49.95 -0.41 0.00	54.51 -0.20 0.00	55.88 -0.07 0.00	59.83 0.00 0.00	70.98 0.40 0.00	58.80 0.45 0.00

TEMPLE___115KV_TB 2 55572	49.82 -0.47 0.00	40.48 -0.54 0.00	33.37 -0.47 0.00	35.17 -0.49 0.00	34.70 -0.45 0.00	39.42 -0.45 -0.25	41.12 -0.54 0.00	48.19 -0.72 0.00	48.46 -0.57 0.00	43.74 -0.43 0.00	41.38 -0.32 0.00	53.91 -0.39 -3.94	62.03 -0.28 -7.60	64.56 -0.20 -8.81	59.73 -0.11 0.00	70.64 0.07 0.00	58.48 0.14 0.00
TIANA___69_KV_BK 1 55817	52.30 2.01 0.00	42.86 1.84 0.00	35.52 1.68 0.00	37.30 1.64 0.00	37.01 1.86 0.00	41.39 1.77 0.00	43.49 1.83 0.00	51.25 2.34 0.00	51.41 2.37 0.00	47.08 2.91 0.00	44.31 2.61 0.00	53.60 3.24 0.00	58.94 4.23 0.00	60.83 4.88 0.00	65.44 5.61 0.00	76.49 5.91 0.00	64.22 5.87 0.00
TILDEN___115KV_TB1 80814	50.06 -0.22 0.00	40.66 -0.36 0.00	33.53 -0.31 0.00	35.34 -0.32 0.00	34.85 -0.30 0.00	39.57 -0.28 -0.23	41.31 -0.35 0.00	48.45 -0.46 0.00	48.68 -0.36 0.00	43.88 -0.29 0.00	41.52 -0.18 0.00	53.68 -0.23 -3.55	61.46 -0.10 -6.85	63.89 0.00 -7.94	59.93 0.10 0.00	70.90 0.32 0.00	58.71 0.36 0.00
TRIGEN___CC 323695	51.90 1.62 0.00	42.54 1.51 0.00	35.16 1.32 0.00	36.94 1.28 0.00	36.47 1.32 0.00	40.97 1.35 0.00	43.18 1.52 0.00	50.94 2.03 0.00	51.18 2.14 0.00	46.50 2.33 0.00	43.91 2.21 0.00	53.21 2.85 0.00	58.16 3.45 0.00	59.55 3.60 0.00	64.00 4.17 0.00	75.15 4.57 0.00	62.95 4.60 0.00
TRINITY___115KV___ 4 BK 55933	50.18 -0.10 0.00	41.31 0.28 0.00	34.30 0.46 0.00	36.15 0.49 0.00	35.61 0.47 0.00	39.99 0.37 0.00	41.74 0.08 0.00	48.97 0.06 0.00	48.90 -0.13 0.00	44.03 -0.14 0.00	41.44 -0.25 0.00	50.07 -0.29 0.00	54.35 -0.37 0.00	55.54 -0.41 0.00	59.60 -0.23 0.00	70.31 -0.27 0.00	58.52 0.18 0.00
UNION___PROCESSING_DRP 323587	49.98 -0.30 0.00	40.23 -0.79 0.00	33.05 -0.79 0.00	34.93 -0.73 0.00	34.53 -0.62 0.00	39.06 -0.56 0.00	41.07 -0.59 0.00	48.24 -0.67 0.00	49.09 0.05 0.00	44.48 0.31 0.00	42.24 0.54 0.00	50.78 0.42 0.00	55.44 0.73 0.00	56.84 0.89 0.00	60.87 1.04 0.00	72.15 1.58 0.00	59.78 1.44 0.00
UPPER HUDSON___HYD 24058	52.09 1.81 0.00	42.71 1.69 0.00	35.31 1.47 0.00	37.23 1.57 0.00	36.66 1.51 0.00	41.19 1.57 0.00	43.05 1.39 0.00	50.55 1.64 0.00	50.19 1.15 0.00	44.79 0.62 0.00	41.78 0.08 0.00	50.75 0.39 0.00	55.18 0.48 0.00	56.18 0.23 0.00	60.43 0.60 0.00	71.54 0.97 0.00	59.69 1.35 0.00
UPPER RAQUET___HYD 24056	51.15 0.87 0.00	41.63 0.60 0.00	34.13 0.29 0.00	35.98 0.32 0.00	35.44 0.29 0.00	48.71 0.45 -8.64	42.50 0.81 -0.02	49.67 0.76 0.00	49.56 0.52 0.00	44.54 0.37 0.00	42.02 0.33 0.00	184.07 0.15 -133.55	312.14 -0.03 -257.46	354.70 0.24 -298.51	59.01 -0.82 0.00	69.17 -1.41 0.00	56.52 -1.83 0.00
VALLEY44_115KV_TB2 355964	49.34 -0.94 0.00	39.48 -1.55 0.00	32.49 -1.35 0.00	34.46 -1.20 0.00	34.14 -1.01 0.00	38.68 -0.94 0.00	40.60 -1.07 0.00	47.79 -1.12 0.00	48.75 -0.29 0.00	44.24 0.07 0.00	42.05 0.35 0.00	50.37 0.01 0.00	54.83 0.12 0.00	56.10 0.15 0.00	60.02 0.18 0.00	71.55 0.98 0.00	59.16 0.81 0.00
VALLEY___115KV_TB 1-4 80826	50.89 0.60 0.00	41.67 0.64 0.00	34.48 0.64 0.00	36.32 0.66 0.00	35.80 0.65 0.00	40.56 0.68 -0.25	42.15 0.49 0.00	49.26 0.35 0.00	49.01 -0.03 0.00	43.77 -0.40 0.00	41.21 -0.49 0.00	53.87 -0.41 -3.92	61.89 -0.38 -7.56	64.32 -0.40 -8.77	59.66 -0.17 0.00	70.54 -0.04 0.00	58.69 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.39 1.11 0.00	41.83 0.80 0.00	34.55 0.71 0.00	36.41 0.75 0.00	35.89 0.74 0.00	40.44 0.82 0.00	42.53 0.86 0.00	50.03 1.12 0.00	50.30 1.26 0.00	45.59 1.42 0.00	43.12 1.42 0.00	52.20 1.84 0.00	56.83 2.12 0.00	58.05 2.10 0.00	62.16 2.33 0.00	73.48 2.90 0.00	60.77 2.43 0.00
VISCHER___FERRY HYD 24020	51.10 0.81 0.00	42.09 1.07 0.00	34.90 1.06 0.00	36.81 1.15 0.00	36.25 1.10 0.00	40.69 1.07 0.00	42.43 0.77 0.00	49.87 0.96 0.00	49.65 0.61 0.00	44.52 0.35 0.00	41.79 0.09 0.00	50.63 0.27 0.00	54.93 0.22 0.00	56.09 0.14 0.00	60.22 0.39 0.00	71.06 0.48 0.00	59.10 0.76 0.00
V_A_10_SYNC_DSASP 323832	48.82 -1.46 0.00	39.18 -1.85 0.00	32.19 -1.65 0.00	34.07 -1.59 0.00	33.70 -1.45 0.00	38.14 -1.48 0.00	40.05 -1.61 0.00	47.02 -1.89 0.00	48.09 -0.95 0.00	43.63 -0.54 0.00	41.48 -0.21 0.00	49.72 -0.64 0.00	54.20 -0.51 0.00	55.53 -0.42 0.00	59.44 -0.39 0.00	70.38 -0.19 0.00	58.22 -0.14 0.00
V_CMM_10_SYNC_DSASP 323787	50.71 0.43 0.00	41.34 0.32 0.00	33.95 0.11 0.00	35.77 0.11 0.00	35.25 0.11 0.00	38.16 0.17 1.63	41.97 0.31 0.00	49.29 0.38 0.00	49.39 0.36 0.00	44.35 0.18 0.00	41.92 0.22 0.00	25.23 0.10 25.23	6.01 -0.05 48.64	-0.58 -0.13 56.40	59.20 -0.63 0.00	69.63 -0.94 0.00	57.23 -1.12 0.00
V_CMP_10_SYNC_DSASP 323788	51.28 1.00 0.00	41.91 0.88 0.00	34.37 0.53 0.00	36.19 0.52 0.00	35.67 0.52 0.00	40.19 0.57 0.00	42.35 0.68 0.00	49.93 1.02 0.00	49.89 0.85 0.00	44.70 0.53 0.00	42.15 0.45 0.00	50.78 0.42 0.00	54.98 0.27 0.00	56.09 0.14 0.00	59.49 -0.35 0.00	70.15 -0.42 0.00	57.91 -0.43 0.00

V_D_10_SYNC_DSASP 323841	51.06 0.77 0.00	41.61 0.59 0.00	34.15 0.32 0.00	35.99 0.33 0.00	35.47 0.32 0.00	52.78 0.45 -12.71	42.52 0.82 -0.03	49.83 0.92 0.00	49.85 0.82 0.00	44.79 0.61 0.00	42.31 0.61 0.00	247.35 0.54 -196.45	433.74 0.32 -378.71	495.61 0.56 -439.10	59.67 -0.17 0.00	70.15 -0.43 0.00	57.39 -0.95 0.00
V_E_10_SYNC_DSASP 323830	53.71 3.42 0.00	43.46 2.43 0.00	35.80 1.96 0.00	37.77 2.11 0.00	37.30 2.15 0.00	42.23 2.61 0.00	44.50 2.83 0.00	52.22 3.31 0.00	52.12 3.08 0.00	46.26 2.09 0.00	43.21 1.51 0.00	52.52 2.15 0.00	57.24 2.53 0.00	58.62 2.67 0.00	62.91 3.07 0.00	75.09 4.52 0.00	62.77 4.42 0.00
V_F_30_NSYNC___DSASP 323816	52.01 1.73 0.00	42.67 1.65 0.00	35.30 1.46 0.00	37.22 1.57 0.00	36.67 1.52 0.00	41.22 1.60 0.00	43.10 1.44 0.00	50.61 1.70 0.00	50.35 1.32 0.00	45.07 0.90 0.00	42.28 0.58 0.00	51.27 0.90 0.00	55.69 0.98 0.00	56.88 0.92 0.00	61.09 1.26 0.00	72.21 1.63 0.00	60.10 1.76 0.00
V_F_30_SYNC_DSASP 323786	50.46 0.17 0.00	41.50 0.48 0.00	34.45 0.60 0.00	36.29 0.64 0.00	35.76 0.62 0.00	40.18 0.56 0.00	41.95 0.29 0.00	49.23 0.32 0.00	49.19 0.15 0.00	44.29 0.12 0.00	41.72 0.02 0.00	50.42 0.06 0.00	54.72 0.02 0.00	55.95 0.00 0.00	60.05 0.21 0.00	70.87 0.30 0.00	59.00 0.64 0.00
V_XM_10_SYNC_DSASP 323789	51.28 1.00 0.00	41.91 0.88 0.00	34.37 0.53 0.00	36.19 0.52 0.00	35.67 0.52 0.00	40.19 0.57 0.00	42.35 0.68 0.00	49.93 1.02 0.00	49.89 0.85 0.00	44.70 0.53 0.00	42.15 0.45 0.00	50.78 0.42 0.00	54.98 0.27 0.00	56.09 0.14 0.00	59.49 -0.35 0.00	70.15 -0.42 0.00	57.91 -0.43 0.00
W.BABYLN_69_KV_BK1 56697	52.45 2.17 0.00	43.06 2.04 0.00	35.62 1.78 0.00	37.41 1.75 0.00	36.97 1.82 0.00	41.49 1.87 0.00	43.69 2.03 0.00	51.53 2.62 0.00	51.71 2.67 0.00	47.13 2.96 0.00	44.42 2.72 0.00	53.78 3.42 0.00	59.07 4.36 0.00	60.74 4.79 0.00	65.19 5.36 0.00	76.38 5.81 0.00	64.11 5.76 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.02 1.74 0.00	42.37 1.34 0.00	35.06 1.22 0.00	36.86 1.20 0.00	36.34 1.19 0.00	40.90 1.28 0.00	43.14 1.48 0.00	50.94 2.03 0.00	51.22 2.18 0.00	46.43 2.26 0.00	43.92 2.22 0.00	53.30 2.94 0.00	58.06 3.35 0.00	59.37 3.42 0.00	63.81 3.98 0.00	75.24 4.66 0.00	62.83 4.49 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.15 1.87 0.00	42.51 1.49 0.00	35.16 1.33 0.00	36.95 1.29 0.00	36.44 1.29 0.00	41.04 1.42 0.00	43.39 1.72 0.00	51.30 2.39 0.00	51.67 2.63 0.00	46.87 2.70 0.00	44.25 2.55 0.00	53.67 3.31 0.00	58.38 3.68 0.00	59.61 3.66 0.00	64.11 4.28 0.00	75.53 4.95 0.00	63.06 4.71 0.00
W50THST__13_KV_LOAD 356117	52.43 2.15 0.00	42.72 1.70 0.00	35.34 1.50 0.00	37.15 1.49 0.00	36.63 1.48 0.00	41.28 1.66 0.00	43.68 2.02 0.00	51.69 2.78 0.00	52.09 3.06 0.00	47.29 3.12 0.00	44.65 2.95 0.00	54.17 3.81 0.00	58.93 4.22 0.00	60.14 4.19 0.00	64.64 4.81 0.00	76.15 5.58 0.00	63.53 5.19 0.00
WADING RIVER_IC_1 23522	51.58 1.30 0.00	42.28 1.26 0.00	35.09 1.25 0.00	36.85 1.19 0.00	36.61 1.47 0.00	40.87 1.26 0.00	42.88 1.22 0.00	50.49 1.58 0.00	50.54 1.51 0.00	46.28 2.11 0.00	43.49 1.79 0.00	52.58 2.22 0.00	57.81 3.10 0.00	59.64 3.69 0.00	64.19 4.36 0.00	74.98 4.40 0.00	63.00 4.65 0.00
WADING RIVER_IC_2 23547	51.58 1.30 0.00	42.28 1.26 0.00	35.09 1.25 0.00	36.85 1.19 0.00	36.61 1.47 0.00	40.87 1.26 0.00	42.88 1.22 0.00	50.49 1.58 0.00	50.54 1.51 0.00	46.28 2.11 0.00	43.49 1.79 0.00	52.58 2.22 0.00	57.81 3.10 0.00	59.64 3.69 0.00	64.19 4.36 0.00	74.98 4.40 0.00	63.00 4.65 0.00
WADING RIVER_IC_3 23601	51.58 1.30 0.00	42.28 1.26 0.00	35.09 1.25 0.00	36.85 1.19 0.00	36.61 1.47 0.00	40.87 1.26 0.00	42.88 1.22 0.00	50.49 1.58 0.00	50.54 1.51 0.00	46.28 2.11 0.00	43.49 1.79 0.00	52.58 2.22 0.00	57.81 3.10 0.00	59.64 3.69 0.00	64.19 4.36 0.00	74.98 4.40 0.00	63.00 4.65 0.00
WALDENNY_12_KV_BK2 80841	49.49 -0.79 0.00	39.57 -1.46 0.00	32.45 -1.39 0.00	34.35 -1.30 0.00	34.00 -1.15 0.00	38.57 -1.05 0.00	40.54 -1.12 0.00	47.67 -1.24 0.00	48.89 -0.14 0.00	44.44 0.27 0.00	42.30 0.61 0.00	50.62 0.26 0.00	55.29 0.58 0.00	56.66 0.71 0.00	60.66 0.83 0.00	72.04 1.47 0.00	59.57 1.23 0.00
WALDEN___HYDRO 24148	51.82 1.54 0.00	42.23 1.21 0.00	34.93 1.10 0.00	36.73 1.07 0.00	36.21 1.06 0.00	40.75 1.13 0.00	42.96 1.30 0.00	50.69 1.78 0.00	50.90 1.86 0.00	46.05 1.88 0.00	43.51 1.82 0.00	52.72 2.36 0.00	57.38 2.67 0.00	58.73 2.78 0.00	63.16 3.32 0.00	74.48 3.90 0.00	62.20 3.85 0.00
WARRENSBURG____ 23737	52.10 1.81 0.00	42.71 1.68 0.00	35.31 1.47 0.00	37.23 1.57 0.00	36.67 1.52 0.00	41.19 1.57 0.00	43.05 1.39 0.00	50.55 1.64 0.00	50.19 1.15 0.00	44.79 0.62 0.00	41.77 0.08 0.00	50.75 0.39 0.00	55.18 0.48 0.00	56.18 0.23 0.00	60.43 0.60 0.00	71.54 0.97 0.00	59.69 1.35 0.00

WATERSIDE___6 8 9 23538	52.12 1.83 0.00	42.51 1.48 0.00	35.16 1.33 0.00	36.93 1.27 0.00	36.42 1.27 0.00	41.03 1.41 0.00	43.35 1.69 0.00	51.23 2.32 0.00	51.57 2.53 0.00	46.77 2.61 0.00	44.17 2.47 0.00	53.57 3.21 0.00	58.23 3.52 0.00	59.42 3.47 0.00	63.93 4.10 0.00	75.23 4.66 0.00	62.89 4.54 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.65 0.36 0.00	41.44 0.41 0.00	34.27 0.43 0.00	36.11 0.45 0.00	35.58 0.43 0.00	40.32 0.45 -0.25	41.96 0.30 0.00	49.11 0.20 0.00	48.95 -0.08 0.00	43.83 -0.34 0.00	41.29 -0.40 0.00	53.92 -0.36 -3.92	61.92 -0.35 -7.56	64.35 -0.37 -8.77	59.62 -0.21 0.00	70.45 -0.12 0.00	58.52 0.18 0.00
WDELAWARE___HYD 323627	51.27 0.99 0.00	41.73 0.71 0.00	34.48 0.65 0.00	36.25 0.59 0.00	35.72 0.58 0.00	40.23 0.61 0.00	42.39 0.73 0.00	50.03 1.12 0.00	50.23 1.19 0.00	45.39 1.23 0.00	42.86 1.16 0.00	51.91 1.55 0.00	56.56 1.85 0.00	58.18 2.23 0.00	62.44 2.61 0.00	73.53 2.95 0.00	61.48 3.13 0.00
WEST BABYLON___IC 23714	52.45 2.17 0.00	43.06 2.04 0.00	35.62 1.78 0.00	37.41 1.75 0.00	36.97 1.82 0.00	41.49 1.87 0.00	43.69 2.03 0.00	51.53 2.62 0.00	51.71 2.67 0.00	47.13 2.96 0.00	44.42 2.72 0.00	53.78 3.42 0.00	59.07 4.36 0.00	60.74 4.79 0.00	65.19 5.36 0.00	76.38 5.81 0.00	64.11 5.76 0.00
WEST CANADA___HYD 24049	50.33 0.05 0.00	41.11 0.08 0.00	33.94 0.10 0.00	35.77 0.11 0.00	35.25 0.10 0.00	39.96 0.09 -0.25	41.70 0.04 0.00	48.95 0.04 0.00	49.02 -0.02 0.00	44.14 -0.03 0.00	41.65 -0.04 0.00	54.24 -0.05 -3.92	62.24 -0.03 -7.56	64.68 -0.04 -8.77	59.88 0.04 0.00	70.66 0.08 0.00	58.58 0.24 0.00
WESTERN_NY_WIND 24143	50.35 0.06 0.00	40.34 -0.68 0.00	33.08 -0.76 0.00	34.92 -0.74 0.00	34.51 -0.64 0.00	39.20 -0.42 0.00	41.36 -0.30 0.00	48.58 -0.33 0.00	49.55 0.51 0.00	44.84 0.67 0.00	42.49 0.79 0.00	50.59 0.23 0.00	55.21 0.50 0.00	56.54 0.58 0.00	60.58 0.75 0.00	72.05 1.48 0.00	59.79 1.44 0.00
WESTOVER___LESR 323668	50.02 -0.27 0.00	40.55 -0.48 0.00	33.43 -0.41 0.00	35.28 -0.39 0.00	34.81 -0.34 0.00	39.31 -0.31 0.00	41.34 -0.33 0.00	48.58 -0.33 0.00	48.89 -0.15 0.00	44.13 -0.04 0.00	41.71 0.01 0.00	50.38 0.02 0.00	54.95 0.24 0.00	56.20 0.25 0.00	60.13 0.30 0.00	71.45 0.87 0.00	59.03 0.67 0.00
WETHRSFD_WT_PWR 323626	49.12 -0.96 0.21	39.50 -1.52 0.00	32.41 -1.43 0.00	33.81 -1.37 0.48	33.20 -1.15 0.80	37.98 -1.04 0.60	40.51 -1.11 0.04	47.57 -1.35 0.00	48.52 -0.52 0.00	43.78 -0.39 0.00	41.56 -0.14 0.00	49.69 -0.67 0.00	54.32 -0.39 0.00	55.29 -0.66 0.00	59.10 -0.73 0.00	70.39 -0.18 0.00	58.23 -0.12 0.00
WHAVSTOR_138KV_BK127 55557	51.71 1.43 0.00	42.13 1.10 0.00	34.86 1.02 0.00	36.66 1.00 0.00	36.14 0.99 0.00	40.67 1.05 0.00	42.88 1.22 0.00	50.62 1.71 0.00	50.89 1.85 0.00	46.11 1.94 0.00	43.60 1.90 0.00	52.89 2.53 0.00	57.57 2.87 0.00	58.83 2.88 0.00	63.26 3.43 0.00	74.52 3.94 0.00	62.24 3.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.71 1.43 0.00	42.13 1.10 0.00	34.86 1.02 0.00	36.66 1.00 0.00	36.14 0.99 0.00	40.67 1.05 0.00	42.88 1.22 0.00	50.62 1.71 0.00	50.89 1.85 0.00	46.11 1.94 0.00	43.60 1.90 0.00	52.89 2.53 0.00	57.57 2.87 0.00	58.83 2.88 0.00	63.26 3.43 0.00	74.52 3.94 0.00	62.24 3.90 0.00
WHITEHAL_115KV_TB1 80871	54.07 3.79 0.00	44.26 3.24 0.00	36.55 2.71 0.00	38.51 2.85 0.00	37.87 2.72 0.00	42.38 2.76 0.00	44.28 2.62 0.00	51.98 3.07 0.00	51.13 2.10 0.00	45.10 0.93 0.00	42.01 0.31 0.00	51.47 1.11 0.00	55.93 1.22 0.00	56.86 0.91 0.00	61.37 1.54 0.00	73.06 2.49 0.00	61.43 3.08 0.00
WHITEPLN_13_KV_LOAD 356215	52.44 2.16 0.00	42.72 1.70 0.00	35.33 1.49 0.00	37.15 1.49 0.00	36.61 1.46 0.00	41.23 1.61 0.00	43.51 1.84 0.00	51.44 2.53 0.00	51.76 2.72 0.00	46.93 2.76 0.00	44.36 2.66 0.00	53.83 3.47 0.00	58.61 3.91 0.00	59.95 3.99 0.00	64.48 4.65 0.00	76.00 5.43 0.00	63.47 5.12 0.00
WM_FLOYD_69_KV_BK2 356380	51.89 1.60 0.00	42.56 1.53 0.00	35.28 1.44 0.00	37.05 1.39 0.00	36.73 1.59 0.00	41.10 1.48 0.00	43.21 1.55 0.00	50.90 1.99 0.00	51.01 1.98 0.00	46.62 2.45 0.00	43.82 2.12 0.00	52.98 2.62 0.00	58.22 3.52 0.00	60.06 4.11 0.00	64.72 4.89 0.00	75.48 4.90 0.00	63.29 4.95 0.00
WOODARD___115KV_TB2 355635	49.72 -0.56 0.00	40.41 -0.61 0.00	33.32 -0.51 0.00	35.12 -0.53 0.00	34.64 -0.51 0.00	39.35 -0.52 -0.25	41.03 -0.63 0.00	48.09 -0.82 0.00	48.34 -0.70 0.00	43.61 -0.56 0.00	41.24 -0.46 0.00	53.62 -0.56 -3.82	61.60 -0.47 -7.37	64.07 -0.42 -8.54	59.49 -0.34 0.00	70.33 -0.24 0.00	58.24 -0.10 0.00
YORK___WARBASSE 23770	52.22 1.94 0.00	42.63 1.60 0.00	35.24 1.40 0.00	37.02 1.36 0.00	36.49 1.34 0.00	41.11 1.49 0.00	43.43 1.77 0.00	51.28 2.37 0.00	51.61 2.58 0.00	46.79 2.62 0.00	44.20 2.50 0.00	53.60 3.24 0.00	58.25 3.54 0.00	59.43 3.48 0.00	64.03 4.20 0.00	75.40 4.82 0.00	63.06 4.71 0.00