

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/23/2023

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	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	31.71	25.32	25.93	24.21	23.40	23.03	20.55	21.93	24.59	24.46	24.30	26.83	33.00	38.04	41.30	40.47	44.93	43.37	53.54	62.49	70.15	63.28	40.25	35.72
24138	1.78	1.50	1.30	1.19	1.15	1.09	1.05	1.16	1.44	1.54	1.70	2.05	2.48	2.64	2.99	3.06	3.18	3.20	3.64	3.61	4.04	3.67	2.33	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	0.00	-0.47	-1.99	-0.96	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.78	25.37	25.99	24.27	23.46	23.09	20.60	21.98	24.62	24.48	24.33	26.86	33.04	38.10	41.35	40.53	45.07	43.53	53.79	62.80	70.44	63.53	40.39	35.82
24260	1.85	1.55	1.36	1.24	1.21	1.15	1.10	1.21	1.47	1.56	1.72	2.07	2.53	2.69	3.04	3.12	3.31	3.36	3.88	3.91	4.33	3.93	2.47	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-1.99	-0.96	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.78	25.37	25.99	24.27	23.46	23.09	20.60	21.98	24.62	24.48	24.33	26.86	33.04	38.10	41.35	40.53	45.07	43.53	53.79	62.80	70.44	63.53	40.39	35.82
24261	1.85	1.55	1.36	1.24	1.21	1.15	1.10	1.21	1.47	1.56	1.72	2.07	2.53	2.69	3.04	3.12	3.31	3.36	3.88	3.91	4.33	3.93	2.47	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.16	0.00	-0.47	-1.99	-0.96	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.19	24.87	25.55	23.90	23.14	22.81	20.29	21.55	23.89	23.73	22.33	25.61	30.54	32.39	37.69	38.66	43.99	42.77	53.54	62.95	70.67	63.31	40.16	35.32
24011	1.27	1.05	0.92	0.88	0.88	0.87	0.79	0.77	0.74	0.81	0.63	0.81	1.05	1.38	1.50	1.86	2.24	2.61	3.63	4.07	4.55	3.70	2.24	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.56	2.40	1.16	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.40	25.04	25.72	24.07	23.29	22.97	20.43	21.68	24.00	23.84	22.41	25.76	30.71	32.62	37.95	39.03	44.46	43.25	54.15	63.63	71.37	63.86	40.51	35.61
23798	1.48	1.21	1.09	1.04	1.04	1.02	0.93	0.91	0.85	0.92	0.72	0.97	1.22	1.58	1.76	2.22	2.71	3.08	4.25	4.74	5.26	4.26	2.59	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.56	2.38	1.15	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.19	24.87	25.55	23.90	23.14	22.81	20.29	21.55	23.89	23.73</														

ALBANY___4 23574	30.02 0.09 0.00	23.98 0.16 0.00	24.70 0.07 0.00	23.13 0.10 0.00	22.40 0.15 0.00	22.09 0.14 0.00	19.65 0.15 0.00	20.85 0.08 0.00	23.22 0.07 0.00	23.05 0.12 0.00	21.86 0.15 -0.27	24.96 0.17 0.00	29.75 0.19 0.48	31.61 0.25 2.06	36.59 0.24 1.00	37.27 0.43 0.28	42.16 0.41 0.00	40.86 0.70 0.00	50.72 0.81 0.00	59.62 0.73 0.00	66.99 0.88 0.00	60.24 0.63 0.00	38.27 0.35 0.00	33.75 0.17 0.00
ALBANY___LFGE 323615	30.36 0.43 0.00	24.24 0.42 0.00	24.96 0.33 0.00	23.38 0.35 0.00	22.63 0.38 0.00	22.32 0.37 0.00	19.85 0.35 0.00	21.07 0.30 0.00	23.47 0.31 0.00	23.30 0.38 0.00	22.10 0.39 -0.27	25.24 0.45 0.00	30.09 0.56 0.52	31.87 0.67 2.21	37.00 0.72 1.07	37.74 0.92 0.31	42.74 0.99 0.00	41.42 1.25 0.00	51.42 1.52 0.00	60.40 1.52 0.00	67.86 1.75 0.00	61.02 1.42 0.00	38.75 0.83 0.00	34.17 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	29.71 -0.22 0.00	23.62 -0.20 0.00	24.50 -0.13 0.00	22.92 -0.10 0.00	22.18 -0.07 0.00	21.90 -0.05 0.00	19.44 -0.07 0.00	20.73 -0.04 0.00	23.13 -0.03 0.00	22.88 -0.03 0.00	21.28 -0.16 0.00	24.58 -0.21 0.00	29.79 -0.25 0.00	33.14 -0.27 0.00	37.03 -0.32 0.00	36.95 -0.18 0.00	41.65 -0.10 0.00	39.83 -0.33 0.00	49.47 -0.44 0.00	58.80 -0.08 0.00	66.06 -0.05 0.00	59.61 0.01 0.00	37.93 0.01 0.00	33.47 -0.11 0.00
ALCOA_RYNLDS___DRP 24188	29.71 -0.22 0.00	23.62 -0.20 0.00	24.50 -0.13 0.00	22.92 -0.10 0.00	22.18 -0.07 0.00	21.90 -0.05 0.00	19.44 -0.07 0.00	20.73 -0.04 0.00	23.13 -0.03 0.00	22.88 -0.03 0.00	21.28 -0.16 0.00	24.58 -0.21 0.00	29.79 -0.25 0.00	33.14 -0.27 0.00	37.03 -0.32 0.00	36.95 -0.18 0.00	41.65 -0.10 0.00	39.83 -0.33 0.00	49.47 -0.44 0.00	58.80 -0.08 0.00	66.06 -0.05 0.00	59.61 0.01 0.00	37.93 0.01 0.00	33.47 -0.11 0.00
ALCOA___DSASP 323711	29.71 -0.22 0.00	23.62 -0.20 0.00	24.50 -0.12 0.00	22.92 -0.10 0.00	22.18 -0.07 0.00	21.90 -0.05 0.00	19.44 -0.07 0.00	20.73 -0.04 0.00	23.13 -0.03 0.00	22.88 -0.03 0.00	21.28 -0.16 0.00	24.58 -0.21 0.00	29.79 -0.25 0.00	33.14 -0.27 0.00	37.03 -0.32 0.00	36.95 -0.18 0.00	41.65 -0.10 0.00	39.83 -0.33 0.00	49.47 -0.44 0.00	58.80 -0.08 0.00	66.06 -0.05 0.00	59.61 0.01 0.00	37.93 0.01 0.00	33.47 -0.11 0.00
ALLEGHENY___COGEN 23514	32.32 2.40 0.00	25.47 1.65 0.00	26.25 1.63 0.00	24.46 1.43 0.00	23.48 1.23 0.00	23.14 1.20 0.00	20.38 0.88 0.00	21.70 0.92 0.00	23.93 0.78 0.00	23.70 0.78 0.00	22.28 0.83 0.00	25.85 1.05 0.00	31.36 1.31 0.00	34.89 1.48 0.00	39.07 1.72 0.00	38.31 1.18 0.00	43.32 1.57 0.00	41.62 1.45 0.00	51.72 1.81 0.00	61.76 2.88 0.00	69.91 3.80 0.00	63.28 3.68 0.00	40.30 2.38 0.00	36.11 2.53 0.00
ALTAMONT_115KV_TB 2 55880	30.50 0.57 0.00	24.35 0.53 0.00	25.09 0.46 0.00	23.50 0.47 0.00	22.74 0.49 0.00	22.42 0.48 0.00	19.95 0.44 0.00	21.17 0.40 0.00	23.59 0.44 0.00	23.39 0.47 0.00	22.18 0.48 -0.26	25.33 0.54 0.00	30.36 0.66 0.34	32.71 0.76 1.46	37.47 0.83 0.71	37.89 0.96 0.20	42.76 1.00 0.00	41.38 1.21 0.00	51.39 1.48 0.00	60.40 1.51 0.00	67.87 1.76 0.00	61.10 1.50 0.00	38.83 0.91 0.00	34.29 0.71 0.00
ALTONA_WT_PWR 323606	30.21 0.28 0.00	23.94 0.12 0.00	24.68 0.05 0.00	23.26 0.23 0.00	22.69 0.44 0.00	22.52 0.58 0.00	19.98 0.48 0.00	21.32 0.55 0.00	23.79 0.64 0.00	23.56 0.63 0.00	21.92 0.48 0.00	25.31 0.52 0.00	30.68 0.63 0.00	34.10 0.68 0.00	38.11 0.76 0.00	38.37 1.24 0.00	43.37 1.62 0.00	41.61 1.45 0.00	51.79 1.89 0.00	61.10 2.22 0.00	68.58 2.47 0.00	61.99 2.38 0.00	39.08 1.17 0.00	34.23 0.65 0.00
AMERICAN_REF_FUEL 24010	30.54 0.62 0.00	24.11 0.29 0.00	24.95 0.32 0.00	23.25 0.22 0.00	22.32 0.07 0.00	21.96 0.02 0.00	19.24 -0.26 0.00	20.65 -0.12 0.00	23.10 -0.05 0.00	22.92 0.00 0.00	21.47 0.03 0.00	24.91 0.12 0.00	30.08 0.04 0.00	33.44 0.03 0.00	37.23 -0.12 0.00	36.06 -1.07 0.00	40.60 -1.15 0.00	38.64 -1.52 0.00	48.13 -1.78 0.00	56.45 -2.43 0.00	63.14 -2.97 0.00	57.46 -2.15 0.00	37.10 -0.82 0.00	33.87 0.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.74 1.82 0.00	24.95 1.13 0.00	25.74 1.11 0.00	23.93 0.90 0.00	22.92 0.66 0.00	22.60 0.65 0.00	19.91 0.41 0.00	21.48 0.70 0.00	24.07 0.92 0.00	23.92 1.00 0.00	22.56 1.13 0.00	26.17 1.38 0.00	31.79 1.74 0.00	35.30 1.89 0.00	39.56 2.22 0.00	38.51 1.38 0.00	43.39 1.64 0.00	41.33 1.17 0.00	51.46 1.56 0.00	60.38 1.50 0.00	67.57 1.46 0.00	61.14 1.53 0.00	39.23 1.31 0.00	35.44 1.86 0.00
ARTHUR_KILL_GT_1 23520	31.55 1.62 0.00	25.25 1.43 0.00	25.85 1.22 0.00	24.16 1.13 0.00	23.34 1.09 0.00	22.97 1.02 0.00	20.48 0.98 0.00	21.82 1.05 0.00	24.45 1.29 0.00	24.31 1.39 0.00	24.18 1.58 -1.16	26.73 1.94 0.00	32.75 2.24 -0.47	37.54 2.33 -1.80	41.20 2.89 -0.96	40.36 2.95 -0.27	44.70 2.95 0.00	43.16 2.99 0.00	53.34 3.43 0.00	62.28 3.39 0.00	69.88 3.77 0.00	62.99 3.39 0.00	37.40 2.03 2.56	33.06 1.81 2.32
ARTHUR_KILL_2 23512	31.45 1.52 0.00	25.18 1.36 0.00	25.78 1.15 0.00	24.09 1.06 0.00	23.28 1.03 0.00	22.90 0.96 0.00	20.43 0.93 0.00	21.76 0.99 0.00	24.38 1.23 0.00	24.23 1.31 0.00	24.11 1.50 -1.16	26.65 1.86 0.00	32.65 2.13 -0.47	37.41 2.20 -1.80	41.04 2.73 -0.96	40.20 2.79 -0.27	44.52 2.77 0.00	42.98 2.81 0.00	53.12 3.21 0.00	62.02 3.13 0.00	69.58 3.47 0.00	62.73 3.13 0.00	37.23 1.87 2.56	32.93 1.67 2.32
ARTHUR_KILL_3 23513	31.35 1.42 0.00	25.04 1.22 0.00	25.65 1.02 0.00	23.96 0.93 0.00	23.16 0.90 0.00	22.79 0.84 0.00	20.33 0.83 0.00	21.67 0.90 0.00	24.29 1.13 0.00	24.14 1.22 0.00	24.01 1.41 -1.17	26.50 1.71 0.00	32.59 2.08 -0.47	37.35 2.14 -1.80	40.75 2.44 -0.96	39.91 2.50 -0.27	44.41 2.66 0.00	42.89 2.72 0.00	53.02 3.11 0.00	61.87 2.98 0.00	69.37 3.26 0.00	62.53 2.93 0.00	37.20 1.84 2.56	32.96 1.71 2.32
ARTHUR_KILL_COGEN 323718	31.55 1.62 0.00	25.25 1.43 0.00	25.85 1.22 0.00	24.16 1.13 0.00	23.34 1.09 0.00	22.97 1.02 0.00	20.48 0.98 0.00	21.82 1.05 0.00	24.45 1.29 0.00	24.31 1.39 0.00	24.18 1.58 -1.16	26.73 1.94 0.00	32.75 2.24 -0.47	37.54 2.33 -1.80	41.20 2.89 -0.96	40.36 2.95 -0.27	44.70 2.95 0.00	43.16 2.99 0.00	53.34 3.43 0.00	62.28 3.39 0.00	69.88 3.77 0.00	62.99 3.39 0.00	37.40 2.03 2.56	33.06 1.81 2.32
ASHOKAN____ 23654	30.82 0.89 0.00	24.56 0.74 0.00	25.23 0.60 0.00	23.62 0.59 0.00	22.84 0.59 0.00	22.51 0.57 0.00	20.03 0.52 0.00	21.29 0.52 0.00	23.72 0.57 0.00	23.52 0.60 0.00	22.11 0.67 0.00	25.57 0.78 0.00	31.24 1.19 0.00	34.65 1.23 0.00	38.99 1.64 0.00	38.95 1.82 0.00	43.78 2.03 0.00	42.41 2.24 0.00	52.70 2.80 0.00	62.03 3.15 0.00	69.61 3.50 0.00	62.48 2.88 0.00	39.52 1.60 0.00	34.76 1.18 0.00

ASTORIA_EAST_ENERGY_CC1 323581	31.37 1.44 0.00	25.06 1.24 0.00	25.67 1.04 0.00	24.00 0.97 0.00	23.21 0.95 0.00	22.82 0.87 0.00	20.37 0.87 0.00	21.69 0.92 0.00	24.31 1.16 0.00	24.17 1.25 0.00	24.05 1.45 -1.16	26.58 1.78 0.00	32.69 2.18 -0.47	37.61 2.20 -1.99	40.76 2.45 -0.96	39.95 2.55 -0.27	44.44 2.69 0.00	42.95 2.79 0.00	53.08 3.18 0.00	62.01 3.13 0.00	69.57 3.46 0.00	62.73 3.13 0.00	39.93 2.02 0.00	35.42 1.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.37 1.44 0.00	25.06 1.24 0.00	25.67 1.04 0.00	24.00 0.97 0.00	23.21 0.95 0.00	22.82 0.87 0.00	20.37 0.87 0.00	21.69 0.92 0.00	24.31 1.16 0.00	24.17 1.25 0.00	24.05 1.45 -1.16	26.58 1.78 0.00	32.69 2.18 -0.47	37.61 2.20 -1.99	40.76 2.45 -0.96	39.95 2.55 -0.27	44.44 2.69 0.00	42.95 2.79 0.00	53.08 3.18 0.00	62.01 3.13 0.00	69.57 3.46 0.00	62.73 3.13 0.00	39.93 2.02 0.00	35.42 1.84 0.00
ASTORIA_GT2_1 24094	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT2_2 24095	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT2_3 24096	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT2_4 24097	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT3_1 24098	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT3_2 24099	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT3_3 24100	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT3_4 24101	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT4_1 24102	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT4_2 24103	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT4_3 24104	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT4_4 24105	31.39 1.46 0.00	25.07 1.26 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.21 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.20 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.75 3.15 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA_GT_1 23523	31.46 1.53 0.00	25.12 1.30 0.00	25.73 1.10 0.00	24.05 1.02 0.00	23.26 1.01 0.00	22.87 0.93 0.00	20.42 0.92 0.00	21.74 0.97 0.00	24.36 1.21 0.00	24.23 1.31 0.00	24.11 1.51 -1.16	26.65 1.85 0.00	32.78 2.26 -0.47	37.71 2.30 -1.99	40.87 2.56 -0.96	40.07 2.66 -0.27	44.56 2.81 0.00	43.07 2.91 0.00	53.23 3.33 0.00	62.18 3.30 0.00	69.77 3.66 0.00	62.91 3.30 0.00	40.05 2.13 0.00	35.52 1.94 0.00

ASTORIA_GT_10 24110	31.54 1.61 0.00	25.20 1.38 0.00	25.81 1.19 0.00	24.11 1.09 0.00	23.31 1.05 0.00	22.93 0.99 0.00	20.47 0.97 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.76 2.36 -1.99	40.96 2.65 -0.96	40.13 2.72 -0.27	44.53 2.78 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.99 2.07 0.00	35.50 1.92 0.00
ASTORIA_GT_11 24225	31.54 1.61 0.00	25.20 1.38 0.00	25.81 1.19 0.00	24.11 1.09 0.00	23.31 1.05 0.00	22.93 0.99 0.00	20.47 0.97 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.76 2.36 -1.99	40.96 2.65 -0.96	40.13 2.72 -0.27	44.53 2.78 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.99 2.07 0.00	35.50 1.92 0.00
ASTORIA_GT_12 24226	31.54 1.61 0.00	25.20 1.38 0.00	25.81 1.19 0.00	24.11 1.09 0.00	23.31 1.05 0.00	22.93 0.99 0.00	20.47 0.97 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.76 2.36 -1.99	40.96 2.65 -0.96	40.13 2.72 -0.27	44.53 2.78 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.99 2.07 0.00	35.50 1.92 0.00
ASTORIA_GT_13 24227	31.54 1.61 0.00	25.20 1.38 0.00	25.81 1.19 0.00	24.11 1.09 0.00	23.31 1.05 0.00	22.93 0.99 0.00	20.47 0.97 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.76 2.36 -1.99	40.96 2.65 -0.96	40.13 2.72 -0.27	44.53 2.78 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.99 2.07 0.00	35.50 1.92 0.00
ASTORIA_GT_5 24106	31.46 1.53 0.00	25.12 1.30 0.00	25.73 1.10 0.00	24.05 1.02 0.00	23.26 1.01 0.00	22.87 0.93 0.00	20.42 0.92 0.00	21.74 0.97 0.00	24.36 1.21 0.00	24.23 1.31 0.00	24.11 1.51 -1.16	26.65 1.85 0.00	32.78 2.26 -0.47	37.71 2.30 -1.99	40.87 2.56 -0.96	40.07 2.66 -0.27	44.56 2.81 0.00	43.07 2.91 0.00	53.23 3.33 0.00	62.18 3.30 0.00	69.77 3.66 0.00	62.91 3.30 0.00	40.05 2.13 0.00	35.52 1.94 0.00
ASTORIA_GT_7 24107	31.46 1.53 0.00	25.12 1.30 0.00	25.73 1.10 0.00	24.05 1.02 0.00	23.26 1.01 0.00	22.87 0.93 0.00	20.42 0.92 0.00	21.74 0.97 0.00	24.36 1.21 0.00	24.23 1.31 0.00	24.11 1.51 -1.16	26.65 1.85 0.00	32.78 2.26 -0.47	37.71 2.30 -1.99	40.87 2.56 -0.96	40.07 2.66 -0.27	44.56 2.81 0.00	43.07 2.91 0.00	53.23 3.33 0.00	62.18 3.30 0.00	69.77 3.66 0.00	62.91 3.30 0.00	40.05 2.13 0.00	35.52 1.94 0.00
ASTORIA_GT_8 24108	31.46 1.53 0.00	25.12 1.30 0.00	25.73 1.10 0.00	24.05 1.02 0.00	23.25 1.00 0.00	22.87 0.93 0.00	20.42 0.92 0.00	21.75 0.98 0.00	24.36 1.21 0.00	24.23 1.31 0.00	24.11 1.51 -1.16	26.65 1.86 0.00	32.78 2.27 -0.47	37.70 2.30 -1.99	40.87 2.56 -0.96	40.06 2.66 -0.27	44.56 2.81 0.00	43.07 2.91 0.00	53.23 3.33 0.00	62.18 3.30 0.00	69.77 3.66 0.00	62.91 3.31 0.00	40.05 2.13 0.00	35.52 1.94 0.00
ASTORIA___2 24149	31.39 1.46 0.00	25.07 1.25 0.00	25.68 1.05 0.00	24.01 0.98 0.00	23.22 0.96 0.00	22.84 0.89 0.00	20.39 0.88 0.00	21.70 0.93 0.00	24.31 1.16 0.00	24.18 1.26 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.71 2.20 -0.47	37.62 2.22 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.11 3.21 0.00	62.04 3.16 0.00	69.62 3.51 0.00	62.77 3.17 0.00	39.95 2.03 0.00	35.44 1.86 0.00
ASTORIA___3 23516	31.54 1.61 0.00	25.20 1.38 0.00	25.82 1.19 0.00	24.11 1.09 0.00	23.31 1.06 0.00	22.93 0.99 0.00	20.46 0.96 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.77 2.36 -1.99	40.96 2.65 -0.96	40.12 2.72 -0.27	44.54 2.79 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.98 2.06 0.00	35.49 1.92 0.00
ASTORIA___4 23517	31.54 1.61 0.00	25.20 1.38 0.00	25.81 1.19 0.00	24.11 1.09 0.00	23.30 1.05 0.00	22.93 0.99 0.00	20.47 0.97 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.76 2.36 -1.99	40.96 2.65 -0.96	40.13 2.72 -0.27	44.53 2.78 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.98 2.06 0.00	35.50 1.92 0.00
ASTORIA___5 23518	31.54 1.61 0.00	25.20 1.38 0.00	25.82 1.19 0.00	24.11 1.09 0.00	23.31 1.06 0.00	22.93 0.99 0.00	20.46 0.96 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.77 2.36 -1.99	40.96 2.65 -0.96	40.12 2.72 -0.27	44.54 2.79 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.98 2.07 0.00	35.49 1.92 0.00
AST_ENERGY_2_CC3 323677	31.43 1.50 0.00	25.12 1.30 0.00	25.72 1.10 0.00	24.03 1.00 0.00	23.24 0.98 0.00	22.86 0.92 0.00	20.42 0.91 0.00	21.75 0.98 0.00	24.37 1.22 0.00	24.23 1.31 0.00	24.09 1.48 -1.17	26.58 1.78 0.00	32.68 2.16 -0.47	37.68 2.27 -1.99	40.88 2.57 -0.96	40.07 2.66 -0.27	44.55 2.80 0.00	43.05 2.88 0.00	53.19 3.28 0.00	62.08 3.20 0.00	69.64 3.53 0.00	62.79 3.19 0.00	39.93 2.01 0.00	35.42 1.84 0.00
AST_ENERGY_2_CC4 323678	31.43 1.50 0.00	25.12 1.30 0.00	25.72 1.10 0.00	24.03 1.00 0.00	23.24 0.98 0.00	22.86 0.92 0.00	20.42 0.91 0.00	21.75 0.98 0.00	24.37 1.22 0.00	24.23 1.31 0.00	24.09 1.48 -1.17	26.58 1.78 0.00	32.68 2.16 -0.47	37.68 2.27 -1.99	40.88 2.57 -0.96	40.07 2.66 -0.27	44.55 2.80 0.00	43.05 2.88 0.00	53.19 3.28 0.00	62.08 3.20 0.00	69.64 3.53 0.00	62.79 3.19 0.00	39.93 2.01 0.00	35.42 1.84 0.00
ATHENS_STG_1 23668	30.62 0.69 0.00	24.47 0.65 0.00	25.20 0.57 0.00	23.59 0.57 0.00	22.83 0.58 0.00	22.49 0.55 0.00	20.02 0.51 0.00	21.28 0.50 0.00	23.74 0.58 0.00	23.54 0.62 0.00	22.44 0.69 -0.31	25.59 0.79 0.00	31.14 0.95 -0.14	35.07 1.04 -0.62	38.81 1.17 -0.30	38.48 1.26 -0.08	43.06 1.30 0.00	41.63 1.46 0.00	51.60 1.69 0.00	60.51 1.63 0.00	67.95 1.84 0.00	61.25 1.64 0.00	38.92 1.00 0.00	34.43 0.85 0.00
ATHENS_STG_2 23670	30.62 0.69 0.00	24.47 0.65 0.00	25.20 0.57 0.00	23.59 0.57 0.00	22.83 0.58 0.00	22.49 0.55 0.00	20.02 0.51 0.00	21.28 0.50 0.00	23.74 0.58 0.00	23.54 0.62 0.00	22.44 0.69 -0.31	25.59 0.79 0.00	31.14 0.95 -0.14	35.07 1.04 -0.62	38.81 1.17 -0.30	38.48 1.26 -0.08	43.06 1.30 0.00	41.63 1.46 0.00	51.60 1.69 0.00	60.51 1.63 0.00	67.95 1.84 0.00	61.25 1.64 0.00	38.92 1.00 0.00	34.43 0.85 0.00

ATHENS_STG_3 23677	30.62 0.69 0.00	24.47 0.65 0.00	25.20 0.57 0.00	23.59 0.57 0.00	22.83 0.58 0.00	22.49 0.55 0.00	20.02 0.51 0.00	21.28 0.50 0.00	23.74 0.58 0.00	23.54 0.62 0.00	22.44 0.69 -0.31	25.59 0.79 0.00	31.14 0.95 -0.14	35.07 1.04 -0.62	38.81 1.17 -0.30	38.48 1.26 -0.08	43.06 1.30 0.00	41.63 1.46 0.00	51.60 1.69 0.00	60.51 1.63 0.00	67.95 1.84 0.00	61.25 1.64 0.00	38.92 1.00 0.00	34.43 0.85 0.00
AUBURN____LFGE 323710	30.70 0.77 0.00	24.27 0.45 0.00	25.12 0.49 0.00	23.46 0.43 0.00	22.65 0.39 0.00	22.23 0.29 0.00	19.81 0.30 0.00	21.17 0.40 0.00	23.46 0.30 0.00	23.18 0.26 0.00	21.83 0.39 0.00	25.31 0.52 0.00	30.65 0.59 0.00	34.05 0.63 0.00	38.19 0.84 0.00	37.67 0.54 0.00	42.54 0.79 0.00	41.11 0.94 0.00	51.08 1.17 0.00	60.07 1.18 0.00	67.57 1.45 0.00	60.83 1.22 0.00	38.70 0.79 0.00	34.39 0.81 0.00
BABYLON_RES_REC 323704	32.11 2.19 0.00	25.64 1.81 0.00	26.25 1.62 0.00	24.37 1.34 0.00	23.51 1.26 0.00	23.15 1.21 0.00	20.61 1.11 0.00	22.01 1.24 0.00	24.67 1.52 0.00	24.49 1.57 0.00	24.39 1.80 -1.16	30.38 2.30 -3.29	37.05 2.87 -4.14	38.57 3.09 -2.07	41.42 3.11 -0.96	40.57 3.16 -0.28	45.20 3.45 0.00	56.45 3.85 -12.43	65.00 4.13 -10.97	65.30 4.26 -2.15	71.62 4.92 -0.59	64.61 4.42 -0.59	40.63 2.72 0.00	36.34 2.75 0.00
BABYLON__69_KV_BK2 356345	32.54 2.61 0.00	25.96 2.14 0.00	26.59 1.96 0.00	24.67 1.64 0.00	23.78 1.53 0.00	23.42 1.47 0.00	20.85 1.35 0.00	22.28 1.50 0.00	24.98 1.83 0.00	24.82 1.90 0.00	24.70 2.11 -1.16	30.77 2.69 -3.29	37.56 3.38 -4.14	39.18 3.69 -2.07	42.07 3.75 -0.96	41.14 3.73 -0.28	45.81 4.06 0.00	83.98 4.45 -39.37	89.51 4.86 -34.75	70.90 5.20 -6.82	73.90 5.93 -1.86	66.80 5.33 -1.86	41.20 3.28 0.00	36.84 3.26 0.00
BARON_WINDS____WT_PWR 323822	30.91 0.98 0.00	24.45 0.63 0.00	25.20 0.57 0.00	23.49 0.46 0.00	22.58 0.33 0.00	22.30 0.36 0.00	19.67 0.17 0.00	21.09 0.32 0.00	23.58 0.42 0.00	23.37 0.45 0.00	21.98 0.54 0.00	25.43 0.64 0.00	30.87 0.82 0.00	34.27 0.85 0.00	38.43 1.08 0.00	37.70 0.57 0.00	42.42 0.67 0.00	40.64 0.48 0.00	50.58 0.67 0.00	59.48 0.59 0.00	66.73 0.62 0.00	60.22 0.61 0.00	38.47 0.55 0.00	34.48 0.90 0.00
BARRETT_IC_1 23704	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_10 23701	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_11 23702	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_12 23703	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_2 23705	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_3 23706	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_4 23707	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_5 23708	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_6 23709	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_7 23710	31.69 1.77 0.00	25.35 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.95 1.01 0.00	20.43 0.92 0.00	21.80 1.03 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.16	30.14 2.05 -3.29	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.04 0.00	69.65 3.54 0.00	63.02 3.42 0.00	40.21 2.29 0.00	35.93 2.34 -0.01

BARRETT_IC_8 23711	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT_IC_9 23700	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT___1 23545	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BARRETT___2 23546	31.69 1.77 0.00	25.36 1.54 0.00	25.96 1.34 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.43 0.92 0.00	21.79 1.02 0.00	24.44 1.29 0.00	24.29 1.37 0.00	24.25 1.65 -1.17	30.14 2.05 -3.30	36.53 2.35 -4.14	37.91 2.42 -2.07	40.77 2.46 -0.96	39.96 2.55 -0.28	44.49 2.74 0.00	43.21 3.05 0.00	53.08 3.17 0.00	61.92 3.03 0.00	69.66 3.55 0.00	63.02 3.41 0.00	40.21 2.29 0.00	35.92 2.34 -0.01
BATAVIA___115KV_TB1 55881	31.73 1.80 0.00	25.02 1.21 0.00	25.85 1.23 0.00	24.07 1.04 0.00	23.11 0.86 0.00	22.74 0.80 0.00	19.96 0.46 0.00	21.39 0.61 0.00	23.92 0.77 0.00	23.70 0.78 0.00	22.22 0.79 0.00	25.81 1.02 0.00	31.38 1.34 0.00	34.92 1.51 0.00	38.95 1.61 0.00	37.92 0.79 0.00	42.67 0.92 0.00	40.93 0.76 0.00	51.12 1.22 0.00	60.06 1.17 0.00	67.21 1.10 0.00	60.87 1.27 0.00	39.08 1.16 0.00	35.37 1.79 0.00
BAYONEEC___CTG1 323682	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG10 323750	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG2 323683	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG3 323684	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG4 323685	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG5 323686	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG6 323687	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG7 323688	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG8 323689	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00
BAYONEEC___CTG9 323749	31.48 1.56 0.00	25.15 1.33 0.00	25.76 1.13 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.62 1.82 0.00	32.73 2.22 -0.47	37.71 2.30 -1.99	40.92 2.60 -0.96	40.10 2.69 -0.27	44.58 2.83 0.00	43.07 2.91 0.00	53.22 3.32 0.00	62.11 3.23 0.00	69.69 3.58 0.00	62.84 3.23 0.00	39.95 2.03 0.00	35.45 1.87 0.00

BEACON___LESR 323632	30.55 0.62 0.00	24.33 0.51 0.00	25.04 0.41 0.00	23.45 0.43 0.00	22.70 0.45 0.00	22.40 0.45 0.00	19.90 0.40 0.00	21.17 0.39 0.00	23.60 0.45 0.00	23.43 0.51 0.00	22.23 0.52 -0.27	25.42 0.63 0.00	30.24 0.70 0.51	32.11 0.87 2.17	37.21 0.92 1.05	38.02 1.19 0.30	43.10 1.35 0.00	41.75 1.59 0.00	51.83 1.92 0.00	60.92 2.03 0.00	68.32 2.21 0.00	61.33 1.73 0.00	38.89 0.97 0.00	34.26 0.68 0.00
BEAVER RIVER___HYD 24048	30.12 0.19 0.00	23.91 0.09 0.00	24.67 0.04 0.00	22.86 -0.17 0.00	21.97 -0.28 0.00	21.77 -0.17 0.00	19.46 -0.05 0.00	20.71 -0.06 0.00	23.17 0.02 0.00	22.79 -0.13 0.00	21.22 -0.22 0.00	24.45 -0.34 0.00	29.67 -0.38 0.00	33.10 -0.32 0.00	36.80 -0.54 0.00	36.54 -0.59 0.00	41.41 -0.34 0.00	40.19 0.02 0.00	50.63 0.72 0.00	60.55 1.67 0.00	68.48 2.37 0.00	61.49 1.89 0.00	38.97 1.05 0.00	34.31 0.73 0.00
BEEBEE_GT_13 23619	31.13 1.20 0.00	24.61 0.79 0.00	25.42 0.79 0.00	23.69 0.66 0.00	22.78 0.53 0.00	22.44 0.49 0.00	19.77 0.27 0.00	21.16 0.39 0.00	23.65 0.50 0.00	23.47 0.55 0.00	22.04 0.60 0.00	25.60 0.80 0.00	31.05 1.00 0.00	34.57 1.16 0.00	38.63 1.29 0.00	37.85 0.72 0.00	42.54 0.79 0.00	40.80 0.64 0.00	50.81 0.91 0.00	59.63 0.75 0.00	66.70 0.59 0.00	60.28 0.68 0.00	38.56 0.64 0.00	34.68 1.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.89 1.97 0.00	25.48 1.66 0.00	26.08 1.45 0.00	24.36 1.33 0.00	23.53 1.28 0.00	23.14 1.20 0.00	20.65 1.15 0.00	22.02 1.25 0.00	24.68 1.53 0.00	24.56 1.64 0.00	24.42 1.81 -1.16	27.01 2.21 0.00	33.17 2.66 -0.47	38.23 2.83 -1.99	41.57 3.26 -0.96	40.75 3.34 -0.27	45.21 3.46 0.00	43.65 3.49 0.00	53.92 4.02 0.00	62.96 4.07 0.00	70.62 4.51 0.00	63.70 4.10 0.00	40.51 2.59 0.00	35.90 2.32 0.00
BETHLEHEM___GRP 23843	30.02 0.09 0.00	23.98 0.16 0.00	24.70 0.07 0.00	23.13 0.10 0.00	22.40 0.15 0.00	22.09 0.14 0.00	19.65 0.15 0.00	20.85 0.08 0.00	23.22 0.07 0.00	23.05 0.12 0.00	21.86 0.15 -0.27	24.96 0.17 0.00	29.75 0.19 0.48	31.61 0.25 2.06	36.59 0.24 1.00	37.27 0.43 0.28	42.16 0.41 0.00	40.86 0.70 0.00	50.72 0.81 0.00	59.62 0.73 0.00	66.99 0.88 0.00	60.24 0.63 0.00	38.27 0.35 0.00	33.75 0.17 0.00
BETHLEHEM___GS1 323560	30.02 0.09 0.00	23.98 0.16 0.00	24.70 0.07 0.00	23.13 0.10 0.00	22.41 0.15 0.00	22.09 0.14 0.00	19.65 0.15 0.00	20.85 0.08 0.00	23.22 0.07 0.00	23.05 0.12 0.00	21.86 0.15 -0.27	24.95 0.16 0.00	29.75 0.19 0.48	31.60 0.25 2.06	36.59 0.24 1.00	37.28 0.43 0.28	42.16 0.41 0.00	40.86 0.70 0.00	50.72 0.81 0.00	59.62 0.73 0.00	66.99 0.88 0.00	60.24 0.63 0.00	38.27 0.35 0.00	33.76 0.18 0.00
BETHLEHEM___GS2 323561	30.02 0.09 0.00	23.98 0.16 0.00	24.70 0.07 0.00	23.13 0.10 0.00	22.41 0.15 0.00	22.09 0.14 0.00	19.65 0.15 0.00	20.85 0.08 0.00	23.22 0.07 0.00	23.05 0.12 0.00	21.86 0.15 -0.27	24.95 0.16 0.00	29.75 0.19 0.48	31.60 0.25 2.06	36.59 0.24 1.00	37.28 0.43 0.28	42.16 0.41 0.00	40.86 0.70 0.00	50.72 0.81 0.00	59.62 0.73 0.00	66.99 0.88 0.00	60.24 0.63 0.00	38.27 0.35 0.00	33.76 0.18 0.00
BETHLEHEM___GS3 323562	30.02 0.09 0.00	23.98 0.16 0.00	24.70 0.07 0.00	23.13 0.10 0.00	22.41 0.15 0.00	22.09 0.14 0.00	19.65 0.15 0.00	20.85 0.08 0.00	23.22 0.07 0.00	23.05 0.12 0.00	21.86 0.15 -0.27	24.95 0.16 0.00	29.75 0.19 0.48	31.60 0.25 2.06	36.59 0.24 1.00	37.28 0.43 0.28	42.16 0.41 0.00	40.86 0.70 0.00	50.72 0.81 0.00	59.62 0.73 0.00	66.99 0.88 0.00	60.24 0.63 0.00	38.27 0.35 0.00	33.76 0.18 0.00
BETHLEHEM___STEEL 23779	31.28 1.35 0.00	24.67 0.85 0.00	25.49 0.86 0.00	23.75 0.72 0.00	22.79 0.54 0.00	22.45 0.50 0.00	19.70 0.20 0.00	21.15 0.38 0.00	23.71 0.55 0.00	23.54 0.61 0.00	22.10 0.66 0.00	25.64 0.84 0.00	31.05 1.01 0.00	34.53 1.12 0.00	38.53 1.19 0.00	37.47 0.34 0.00	42.19 0.44 0.00	40.19 0.03 0.00	50.08 0.17 0.00	58.74 -0.14 0.00	65.68 -0.43 0.00	59.55 -0.05 0.00	38.33 0.41 0.00	34.79 1.21 0.00
BETHLHEM_115KV_TB1 79974	30.12 0.19 0.00	24.06 0.24 0.00	24.78 0.15 0.00	23.22 0.19 0.00	22.47 0.22 0.00	22.16 0.21 0.00	19.71 0.21 0.00	20.93 0.15 0.00	23.30 0.15 0.00	23.12 0.20 0.00	21.93 0.22 -0.27	25.04 0.25 0.00	29.89 0.30 0.46	31.82 0.37 1.96	36.76 0.37 0.95	37.41 0.54 0.27	42.29 0.54 0.00	40.98 0.81 0.00	50.85 0.94 0.00	59.76 0.87 0.00	67.15 1.04 0.00	60.41 0.81 0.00	38.37 0.46 0.00	33.86 0.28 0.00
BETHPAGE_CC_5 323564	32.02 2.09 0.00	25.55 1.73 0.00	26.16 1.54 0.00	24.31 1.28 0.00	23.47 1.21 0.00	23.10 1.16 0.00	20.57 1.07 0.00	21.97 1.20 0.00	24.64 1.49 0.00	24.45 1.53 0.00	24.37 1.77 -1.16	30.34 2.26 -3.29	36.98 2.80 -4.14	38.49 3.01 -2.07	41.37 3.06 -0.96	40.53 3.12 -0.28	45.15 3.40 0.00	47.31 3.75 -3.40	56.89 3.99 -3.00	63.51 4.03 -0.59	70.90 4.63 -0.16	63.93 4.17 -0.16	40.50 2.58 0.00	36.20 2.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.34 1.41 0.00	24.71 0.89 0.00	25.53 0.90 0.00	23.78 0.75 0.00	22.82 0.56 0.00	22.48 0.53 0.00	19.74 0.23 0.00	21.19 0.42 0.00	23.76 0.60 0.00	23.59 0.67 0.00	22.16 0.72 0.00	25.71 0.92 0.00	31.15 1.11 0.00	34.64 1.23 0.00	38.68 1.33 0.00	37.63 0.49 0.00	42.38 0.63 0.00	40.37 0.20 0.00	50.32 0.41 0.00	58.99 0.11 0.00	65.95 -0.16 0.00	59.76 0.16 0.00	38.45 0.53 0.00	34.87 1.28 0.00
BINGHAMTON___COGEN 23790	30.49 0.56 0.00	24.20 0.38 0.00	24.96 0.33 0.00	23.31 0.28 0.00	22.48 0.23 0.00	22.20 0.26 0.00	19.69 0.18 0.00	21.02 0.24 0.00	23.45 0.29 0.00	23.21 0.29 0.00	21.82 0.38 0.00	25.23 0.44 0.00	30.65 0.60 0.00	34.04 0.62 0.00	38.18 0.83 0.00	37.75 0.61 0.00	42.41 0.66 0.00	40.81 0.64 0.00	50.80 0.90 0.00	59.69 0.81 0.00	66.97 0.85 0.00	60.35 0.75 0.00	38.43 0.51 0.00	34.17 0.59 0.00
BIXINCNT_115KV_LOAD 355685	31.34 1.41 0.00	24.72 0.90 0.00	25.53 0.90 0.00	23.76 0.73 0.00	22.79 0.54 0.00	22.48 0.53 0.00	19.77 0.27 0.00	21.28 0.51 0.00	23.91 0.76 0.00	23.76 0.84 0.00	22.32 0.87 0.00	25.81 1.02 0.00	31.29 1.25 0.00	34.81 1.40 0.00	38.86 1.52 0.00	37.80 0.67 0.00	42.69 0.94 0.00	40.46 0.30 0.00	50.62 0.71 0.00	59.34 0.46 0.00	66.44 0.33 0.00	60.17 0.57 0.00	38.62 0.70 0.00	34.88 1.30 0.00
BLACK RIVER___HYD 24047	30.43 0.50 0.00	24.16 0.33 0.00	24.87 0.25 0.00	23.03 0.00 0.00	22.15 -0.11 0.00	21.96 0.02 0.00	19.63 0.12 0.00	20.87 0.10 0.00	23.38 0.23 0.00	22.91 -0.01 0.00	21.39 -0.05 0.00	24.64 -0.15 0.00	29.82 -0.23 0.00	33.31 -0.11 0.00	36.98 -0.36 0.00	36.72 -0.42 0.00	41.69 -0.06 0.00	40.43 0.26 0.00	51.09 1.19 0.00	61.36 2.48 0.00	69.58 3.47 0.00	62.12 2.52 0.00	39.35 1.43 0.00	34.62 1.04 0.00

BLACKRVR_115KV_TB2 79977	30.43 0.50 0.00	24.16 0.33 0.00	24.88 0.25 0.00	23.03 0.00 0.00	22.15 -0.11 0.00	21.96 0.02 0.00	19.63 0.12 0.00	20.87 0.10 0.00	23.38 0.23 0.00	22.91 -0.01 0.00	21.39 -0.06 0.00	24.63 -0.16 0.00	29.82 -0.23 0.00	33.31 -0.11 0.00	36.98 -0.36 0.00	36.72 -0.42 0.00	41.69 -0.06 0.00	40.43 0.26 0.00	51.10 1.19 0.00	61.36 2.48 0.00	69.58 3.47 0.00	62.12 2.52 0.00	39.35 1.43 0.00	34.62 1.05 0.00
BLISS_WT_PWR 323608	31.31 1.38 0.00	24.71 0.88 0.00	25.52 0.89 0.00	23.74 0.71 0.00	22.77 0.52 0.00	22.45 0.51 0.00	19.75 0.25 0.00	21.29 0.52 0.00	23.92 0.76 0.00	23.77 0.85 0.00	22.32 0.88 0.00	25.83 1.04 0.00	31.31 1.26 0.00	34.83 1.42 0.00	38.86 1.51 0.00	37.78 0.65 0.00	42.70 0.94 0.00	40.42 0.25 0.00	50.63 0.72 0.00	59.35 0.47 0.00	66.45 0.34 0.00	60.19 0.58 0.00	38.63 0.72 0.00	34.88 1.30 0.00
BLUE_CIRC_CHEM_DRP 24182	30.52 0.60 0.00	24.37 0.55 0.00	25.13 0.50 0.00	23.54 0.51 0.00	22.80 0.55 0.00	22.48 0.54 0.00	20.00 0.50 0.00	21.22 0.45 0.00	23.60 0.45 0.00	23.40 0.48 0.00	22.16 0.47 -0.25	25.31 0.52 0.00	30.33 0.62 0.34	32.69 0.72 1.45	37.41 0.76 0.70	37.85 0.92 0.20	42.72 0.97 0.00	41.34 1.18 0.00	51.34 1.43 0.00	60.39 1.51 0.00	67.89 1.78 0.00	61.13 1.52 0.00	38.84 0.92 0.00	34.28 0.70 0.00
BOC_GAS_DRP 24189	30.37 0.44 0.00	24.25 0.43 0.00	25.00 0.37 0.00	23.41 0.39 0.00	22.66 0.41 0.00	22.34 0.39 0.00	19.87 0.37 0.00	21.10 0.33 0.00	23.51 0.36 0.00	23.31 0.39 0.00	22.12 0.42 -0.26	25.26 0.47 0.00	30.28 0.56 0.33	32.63 0.64 1.42	37.35 0.69 0.69	37.74 0.81 0.20	42.57 0.82 0.00	41.18 1.02 0.00	51.10 1.19 0.00	60.04 1.16 0.00	67.45 1.34 0.00	60.75 1.15 0.00	38.61 0.69 0.00	34.12 0.54 0.00
BOONVILLE_115KV_TB1 79983	30.48 0.55 0.00	24.20 0.38 0.00	24.98 0.35 0.00	23.24 0.21 0.00	22.38 0.12 0.00	22.12 0.18 0.00	19.72 0.22 0.00	21.01 0.23 0.00	23.46 0.30 0.00	23.18 0.26 0.00	21.66 0.22 0.00	25.02 0.22 0.00	30.37 0.32 0.00	33.84 0.42 0.00	37.76 0.41 0.00	37.48 0.35 0.00	42.31 0.56 0.00	41.00 0.83 0.00	51.35 1.44 0.00	60.90 2.02 0.00	68.56 2.45 0.00	61.66 2.06 0.00	39.11 1.19 0.00	34.52 0.94 0.00
BORALEX_4TH_BRANCH 23824	30.89 0.96 0.00	24.66 0.84 0.00	25.37 0.74 0.00	23.76 0.73 0.00	23.06 0.81 0.00	22.84 0.90 0.00	20.31 0.81 0.00	21.51 0.74 0.00	23.86 0.71 0.00	23.69 0.77 0.00	22.31 0.58 -0.30	25.33 0.54 0.00	29.48 0.58 1.15	29.23 0.71 4.89	35.64 0.66 2.37	37.42 0.96 0.68	42.66 0.91 0.00	41.52 1.36 0.00	51.77 1.86 0.00	61.07 2.19 0.00	68.87 2.76 0.00	61.76 2.16 0.00	39.26 1.34 0.00	34.56 0.97 0.00
BOWLINE___1 23526	31.19 1.26 0.00	24.90 1.08 0.00	25.53 0.90 0.00	23.85 0.82 0.00	23.06 0.81 0.00	22.69 0.75 0.00	20.23 0.73 0.00	21.56 0.79 0.00	24.14 0.99 0.00	23.99 1.07 0.00	21.00 1.22 1.66	26.27 1.48 0.00	32.31 1.84 -0.43	37.25 1.99 -1.84	40.53 2.30 -0.89	39.74 2.36 -0.25	44.26 2.51 0.00	42.75 2.58 0.00	52.89 2.98 0.00	61.82 2.94 0.00	69.33 3.22 0.00	62.46 2.86 0.00	39.65 1.73 0.00	35.12 1.54 0.00
BOWLINE___2 23595	31.20 1.27 0.00	24.90 1.08 0.00	25.53 0.90 0.00	23.85 0.82 0.00	23.06 0.81 0.00	22.69 0.75 0.00	20.23 0.73 0.00	21.56 0.79 0.00	24.14 0.99 0.00	23.99 1.07 0.00	21.00 1.22 1.67	26.27 1.48 0.00	32.31 1.84 -0.43	37.25 1.99 -1.84	40.53 2.30 -0.89	39.74 2.36 -0.25	44.26 2.51 0.00	42.75 2.58 0.00	52.89 2.98 0.00	61.82 2.94 0.00	69.33 3.22 0.00	62.46 2.86 0.00	39.65 1.73 0.00	35.12 1.54 0.00
BRADY___115KV_TB2 356060	29.85 -0.08 0.00	23.72 -0.11 0.00	24.60 -0.03 0.00	23.00 -0.03 0.00	22.26 0.00 0.00	21.99 0.04 0.00	19.52 0.02 0.00	20.78 0.01 0.00	23.17 0.02 0.00	22.93 0.01 0.00	21.32 -0.12 0.00	24.63 -0.16 0.00	29.85 -0.20 0.00	33.22 -0.19 0.00	37.16 -0.19 0.00	37.13 0.00 0.00	41.81 0.06 0.00	39.98 -0.18 0.00	49.72 -0.18 0.00	59.31 0.42 0.00	66.75 0.64 0.00	60.23 0.63 0.00	38.28 0.36 0.00	33.72 0.14 0.00
BRANSCOMB___SOLAR 323811	31.03 1.10 0.00	24.75 0.93 0.00	25.46 0.83 0.00	23.83 0.80 0.00	23.07 0.82 0.00	22.76 0.82 0.00	20.24 0.73 0.00	21.45 0.68 0.00	23.81 0.66 0.00	23.61 0.69 0.00	22.29 0.59 -0.26	25.48 0.69 0.00	30.29 0.86 0.62	31.86 1.08 2.64	37.23 1.17 1.28	38.22 1.45 0.36	43.43 1.68 0.00	42.21 2.05 0.00	52.72 2.81 0.00	62.10 3.22 0.00	69.78 3.67 0.00	62.64 3.03 0.00	39.74 1.82 0.00	35.00 1.42 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.29 2.36 0.00	25.80 1.98 0.00	26.43 1.81 0.00	24.53 1.50 0.00	23.64 1.38 0.00	23.27 1.33 0.00	20.73 1.23 0.00	22.14 1.37 0.00	24.80 1.65 0.00	24.64 1.72 0.00	24.51 1.91 -1.16	30.54 2.45 -3.29	37.26 3.08 -4.14	38.83 3.34 -2.07	41.57 3.26 -0.96	40.52 3.11 -0.28	44.94 3.19 0.00	83.84 3.60 -40.08	89.06 3.79 -35.37	70.03 4.20 -6.94	72.87 4.87 -1.90	65.97 4.47 -1.90	40.70 2.79 0.00	36.47 2.89 -0.01
BRISTLHL_115KV_TB1 79998	29.82 -0.11 0.00	23.69 -0.13 0.00	24.45 -0.18 0.00	22.84 -0.19 0.00	22.02 -0.23 0.00	21.73 -0.21 0.00	19.29 -0.21 0.00	20.57 -0.20 0.00	22.90 -0.25 0.00	22.64 -0.28 0.00	21.22 -0.22 0.00	24.55 -0.24 0.00	29.74 -0.30 0.00	33.07 -0.34 0.00	36.95 -0.40 0.00	36.59 -0.54 0.00	41.14 -0.61 0.00	39.67 -0.49 0.00	49.43 -0.48 0.00	58.20 -0.68 0.00	65.33 -0.78 0.00	58.85 -0.75 0.00	37.47 -0.45 0.00	33.29 -0.29 0.00
BROOKHAVEN___DRP 24191	32.29 2.36 0.00	25.82 1.99 0.00	26.49 1.86 0.00	24.55 1.52 0.00	23.65 1.40 0.00	23.33 1.39 0.00	20.78 1.28 0.00	22.21 1.44 0.00	24.85 1.70 0.00	24.56 1.64 0.00	24.32 1.73 -1.16	30.32 2.24 -3.29	37.04 2.86 -4.14	38.62 3.13 -2.07	41.40 3.09 -0.96	40.59 3.17 -0.29	45.22 3.46 -0.01	235.58 3.91 -191.51	222.99 4.09 -168.99	96.33 4.27 -33.17	80.09 4.92 -9.06	72.98 4.32 -9.06	40.49 2.57 0.00	36.25 2.66 -0.01
BROOKLYN_NAVY_YARD 23515	31.51 1.58 0.00	25.16 1.34 0.00	25.77 1.14 0.00	24.07 1.04 0.00	23.27 1.02 0.00	22.89 0.95 0.00	20.43 0.93 0.00	21.79 1.01 0.00	24.41 1.26 0.00	24.26 1.34 0.00	24.10 1.50 -1.17	26.61 1.82 0.00	32.73 2.22 -0.47	37.73 2.33 -1.99	40.95 2.63 -0.96	40.13 2.73 -0.27	44.62 2.87 0.00	43.10 2.94 0.00	53.28 3.37 0.00	62.19 3.30 0.00	69.78 3.67 0.00	62.93 3.32 0.00	40.01 2.09 0.00	35.49 1.91 0.00
BROOKLYN___ARMY_DRP 323595	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00

BROOKVLE_69_KV_TB1 55790	31.94 2.01 0.00	25.49 1.67 0.00	26.10 1.47 0.00	24.30 1.28 0.00	23.48 1.23 0.00	23.11 1.17 0.00	20.58 1.08 0.00	21.98 1.21 0.00	24.65 1.49 0.00	24.51 1.59 0.00	24.42 1.83 -1.16	30.36 2.27 -3.29	36.98 2.80 -4.14	38.52 3.04 -2.07	41.58 3.27 -0.96	40.75 3.35 -0.28	45.27 3.52 0.00	43.89 3.73 0.00	54.00 4.09 0.00	63.01 4.13 0.00	70.82 4.71 0.00	63.97 4.36 0.00	40.61 2.69 0.00	36.13 2.55 0.00
BROOME_2_LFGE 323671	30.49 0.56 0.00	24.20 0.38 0.00	24.96 0.33 0.00	23.31 0.28 0.00	22.48 0.23 0.00	22.20 0.26 0.00	19.69 0.18 0.00	21.02 0.25 0.00	23.45 0.29 0.00	23.21 0.29 0.00	21.82 0.38 0.00	25.23 0.44 0.00	30.65 0.60 0.00	34.04 0.63 0.00	38.17 0.83 0.00	37.74 0.61 0.00	42.41 0.66 0.00	40.80 0.64 0.00	50.80 0.89 0.00	59.69 0.81 0.00	66.97 0.85 0.00	60.35 0.74 0.00	38.43 0.51 0.00	34.17 0.59 0.00
BROOME___LFGE 323600	30.49 0.56 0.00	24.20 0.38 0.00	24.96 0.33 0.00	23.31 0.28 0.00	22.48 0.23 0.00	22.20 0.26 0.00	19.69 0.18 0.00	21.02 0.25 0.00	23.45 0.29 0.00	23.21 0.29 0.00	21.82 0.38 0.00	25.23 0.44 0.00	30.65 0.60 0.00	34.04 0.63 0.00	38.17 0.83 0.00	37.74 0.61 0.00	42.41 0.66 0.00	40.80 0.64 0.00	50.80 0.89 0.00	59.69 0.81 0.00	66.97 0.85 0.00	60.35 0.74 0.00	38.43 0.51 0.00	34.17 0.59 0.00
BROWNFLS_115KV_TB_3_5 80003	29.64 -0.28 0.00	23.53 -0.29 0.00	24.33 -0.30 0.00	22.63 -0.40 0.00	21.82 -0.44 0.00	21.60 -0.35 0.00	19.25 -0.25 0.00	20.51 -0.26 0.00	22.91 -0.24 0.00	22.59 -0.33 0.00	21.02 -0.42 0.00	24.25 -0.54 0.00	29.40 -0.64 0.00	32.77 -0.64 0.00	36.51 -0.84 0.00	36.36 -0.77 0.00	41.13 -0.63 0.00	39.69 -0.48 0.00	49.72 -0.18 0.00	59.39 0.51 0.00	67.02 0.91 0.00	60.29 0.68 0.00	38.23 0.31 0.00	33.65 0.07 0.00
BROWNSV1_27_KV_LOAD 356125	31.90 1.98 0.00	25.47 1.65 0.00	26.09 1.46 0.00	24.34 1.32 0.00	23.54 1.28 0.00	23.16 1.22 0.00	20.66 1.16 0.00	22.04 1.27 0.00	24.69 1.54 0.00	24.57 1.65 0.00	24.42 1.81 -1.17	26.98 2.19 0.00	33.18 2.67 -0.47	38.25 2.84 -1.99	41.54 3.22 -0.96	40.71 3.30 -0.27	45.28 3.53 0.00	43.73 3.57 0.00	54.03 4.13 0.00	63.05 4.17 0.00	70.77 4.66 0.00	63.82 4.22 0.00	40.58 2.66 0.00	35.99 2.41 0.00
BURROWS___LYONSDAL 23803	30.39 0.46 0.00	24.12 0.30 0.00	24.90 0.27 0.00	23.12 0.09 0.00	22.25 0.00 0.00	22.02 0.07 0.00	19.65 0.15 0.00	20.93 0.16 0.00	23.39 0.24 0.00	23.09 0.17 0.00	21.55 0.11 0.00	24.87 0.08 0.00	30.20 0.16 0.00	33.66 0.24 0.00	37.52 0.17 0.00	37.23 0.09 0.00	42.07 0.32 0.00	40.82 0.65 0.00	51.19 1.28 0.00	60.84 1.95 0.00	68.58 2.47 0.00	61.66 2.06 0.00	39.11 1.19 0.00	34.50 0.92 0.00
CAITHNESS_CC_1 323624	32.18 2.25 0.00	25.73 1.91 0.00	26.40 1.77 0.00	24.46 1.44 0.00	23.58 1.33 0.00	23.25 1.30 0.00	20.71 1.21 0.00	22.11 1.34 0.00	24.77 1.61 0.00	24.50 1.58 0.00	24.30 1.70 -1.16	30.29 2.20 -3.29	36.98 2.80 -4.14	38.54 3.05 -2.07	41.31 3.00 -0.96	40.48 3.07 -0.29	45.08 3.32 -0.01	234.45 3.76 -190.53	221.94 3.91 -168.13	95.96 4.07 -33.00	79.83 4.71 -9.02	72.78 4.16 -9.02	40.40 2.48 0.00	36.18 2.59 -0.01
CALPINE BETH_PAGE_GT4 24209	31.98 2.05 0.00	25.53 1.71 0.00	26.13 1.50 0.00	24.29 1.26 0.00	23.45 1.19 0.00	23.08 1.14 0.00	20.56 1.05 0.00	21.96 1.19 0.00	24.61 1.46 0.00	24.38 1.46 0.00	24.31 1.71 -1.16	30.28 2.19 -3.29	36.89 2.71 -4.14	38.40 2.91 -2.07	41.27 2.96 -0.96	40.43 3.03 -0.28	45.06 3.31 0.00	46.34 3.64 -2.54	56.02 3.87 -2.24	63.22 3.89 -0.44	70.70 4.47 -0.12	63.73 4.00 -0.12	40.41 2.49 0.00	36.12 2.53 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.98 2.05 0.00	25.53 1.71 0.00	26.13 1.50 0.00	24.29 1.26 0.00	23.44 1.19 0.00	23.08 1.14 0.00	20.56 1.05 0.00	21.95 1.18 0.00	24.61 1.46 0.00	24.38 1.46 0.00	24.31 1.71 -1.16	30.27 2.19 -3.29	36.89 2.71 -4.14	38.40 2.91 -2.07	41.27 2.96 -0.96	40.44 3.03 -0.28	45.05 3.30 0.00	46.35 3.65 -2.54	56.02 3.87 -2.24	63.22 3.89 -0.44	70.69 4.46 -0.12	63.73 4.01 -0.12	40.41 2.49 0.00	36.12 2.53 0.00
CALPINE_BP_GT1 23823	31.98 2.05 0.00	25.53 1.71 0.00	26.13 1.50 0.00	24.29 1.26 0.00	23.44 1.19 0.00	23.08 1.14 0.00	20.56 1.05 0.00	21.95 1.18 0.00	24.61 1.46 0.00	24.38 1.46 0.00	24.31 1.71 -1.16	30.27 2.19 -3.29	36.89 2.71 -4.14	38.40 2.91 -2.07	41.27 2.96 -0.96	40.44 3.03 -0.28	45.05 3.30 0.00	46.35 3.65 -2.54	56.02 3.87 -2.24	63.22 3.89 -0.44	70.69 4.46 -0.12	63.73 4.01 -0.12	40.41 2.49 0.00	36.12 2.53 0.00
CALSPAN___DRP 24200	31.28 1.35 0.00	24.67 0.85 0.00	25.49 0.86 0.00	23.75 0.72 0.00	22.79 0.54 0.00	22.45 0.50 0.00	19.70 0.20 0.00	21.15 0.38 0.00	23.71 0.55 0.00	23.54 0.61 0.00	22.10 0.66 0.00	25.64 0.84 0.00	31.05 1.01 0.00	34.53 1.12 0.00	38.53 1.19 0.00	37.47 0.34 0.00	42.19 0.44 0.00	40.19 0.03 0.00	50.08 0.17 0.00	58.74 -0.14 0.00	65.68 -0.43 0.00	59.55 -0.05 0.00	38.33 0.41 0.00	34.79 1.21 0.00
CALVERTON___SOLAR 323806	32.44 2.51 0.00	25.93 2.11 0.00	26.61 1.99 0.00	24.65 1.62 0.00	23.76 1.51 0.00	23.44 1.50 0.00	20.88 1.38 0.00	22.31 1.54 0.00	24.97 1.82 0.00	24.66 1.74 0.00	24.39 1.80 -1.16	30.42 2.34 -3.29	37.17 2.99 -4.14	38.77 3.29 -2.07	41.60 3.29 -0.96	40.79 3.37 -0.29	45.46 3.71 -0.01	236.27 4.16 -191.94	223.68 4.40 -169.38	96.77 4.64 -33.25	80.49 5.30 -9.08	73.30 4.62 -9.08	40.66 2.74 0.00	36.38 2.80 -0.01
CANDIGU_WT_PWR 323617	30.91 0.98 0.00	24.45 0.63 0.00	25.20 0.57 0.00	23.49 0.46 0.00	22.58 0.33 0.00	22.30 0.36 0.00	19.67 0.17 0.00	21.09 0.32 0.00	23.58 0.42 0.00	23.37 0.45 0.00	21.98 0.54 0.00	25.43 0.64 0.00	30.87 0.82 0.00	34.27 0.85 0.00	38.43 1.08 0.00	37.70 0.57 0.00	42.42 0.67 0.00	40.64 0.48 0.00	50.58 0.67 0.00	59.48 0.59 0.00	66.73 0.62 0.00	60.22 0.61 0.00	38.47 0.55 0.00	34.48 0.90 0.00
CARR STREET_E_SYR 24060	30.00 0.07 0.00	23.82 0.00 0.00	24.59 -0.04 0.00	22.96 -0.07 0.00	22.16 -0.09 0.00	21.85 -0.10 0.00	19.39 -0.11 0.00	20.68 -0.09 0.00	23.04 -0.11 0.00	22.79 -0.13 0.00	21.40 -0.04 0.00	24.77 -0.02 0.00	30.01 -0.04 0.00	33.28 -0.13 0.00	37.16 -0.18 0.00	36.83 -0.30 0.00	41.43 -0.33 0.00	39.92 -0.24 0.00	49.71 -0.19 0.00	58.50 -0.38 0.00	65.58 -0.52 0.00	59.06 -0.54 0.00	37.58 -0.34 0.00	33.41 -0.17 0.00
CARTHAGE___PAPER 23857	30.37 0.45 0.00	24.11 0.29 0.00	24.86 0.23 0.00	23.02 -0.01 0.00	22.14 -0.11 0.00	21.95 0.01 0.00	19.61 0.11 0.00	20.87 0.09 0.00	23.34 0.18 0.00	22.89 -0.03 0.00	21.31 -0.13 0.00	24.54 -0.25 0.00	29.75 -0.30 0.00	33.22 -0.20 0.00	36.90 -0.44 0.00	36.65 -0.48 0.00	41.59 -0.16 0.00	40.38 0.22 0.00	51.00 1.09 0.00	61.22 2.34 0.00	69.36 3.24 0.00	62.11 2.51 0.00	39.34 1.42 0.00	34.60 1.02 0.00

CASSADAGA_WT_PWR 323784	31.98 2.06 0.00	25.14 1.32 0.00	25.93 1.30 0.00	24.09 1.06 0.00	23.07 0.81 0.00	22.74 0.79 0.00	20.04 0.54 0.00	21.62 0.85 0.00	24.27 1.12 0.00	24.14 1.22 0.00	22.77 1.33 0.00	26.41 1.62 0.00	32.09 2.04 0.00	35.64 2.22 0.00	39.93 2.58 0.00	38.91 1.77 0.00	43.84 2.09 0.00	41.76 1.60 0.00	51.97 2.07 0.00	61.03 2.14 0.00	68.27 2.16 0.00	61.76 2.16 0.00	39.59 1.67 0.00	35.72 2.14 0.00
CE_DUNWOOD___DRP 24194	31.37 1.45 0.00	25.05 1.23 0.00	25.68 1.05 0.00	23.99 0.96 0.00	23.19 0.94 0.00	22.83 0.88 0.00	20.35 0.84 0.00	21.69 0.92 0.00	24.28 1.13 0.00	24.14 1.22 0.00	24.06 1.38 -1.24	26.45 1.66 0.00	32.54 2.03 -0.47	37.58 2.18 -1.99	40.78 2.47 -0.96	39.95 2.55 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.13 3.23 0.00	62.08 3.19 0.00	69.65 3.54 0.00	62.76 3.16 0.00	39.86 1.94 0.00	35.33 1.75 0.00
CE_MILLWOOD___DRP 24193	31.31 1.38 0.00	24.99 1.18 0.00	25.63 1.00 0.00	23.94 0.92 0.00	23.15 0.90 0.00	22.78 0.84 0.00	20.31 0.80 0.00	21.65 0.87 0.00	24.23 1.08 0.00	24.09 1.16 0.00	24.05 1.32 -1.29	26.37 1.58 0.00	32.46 1.94 -0.46	37.48 2.10 -1.97	40.68 2.38 -0.95	39.87 2.46 -0.27	44.36 2.61 0.00	42.88 2.72 0.00	53.03 3.13 0.00	61.97 3.09 0.00	69.53 3.42 0.00	62.65 3.04 0.00	39.79 1.86 0.00	35.25 1.67 0.00
CE_NYC2_DRP 24202	31.56 1.63 0.00	25.21 1.39 0.00	25.83 1.20 0.00	24.12 1.10 0.00	23.31 1.06 0.00	22.94 1.00 0.00	20.47 0.97 0.00	21.82 1.05 0.00	24.45 1.30 0.00	24.31 1.39 0.00	24.15 1.54 -1.16	26.67 1.88 0.00	32.79 2.28 -0.47	37.80 2.39 -1.99	41.00 2.69 -0.96	40.16 2.76 -0.27	44.57 2.82 0.00	43.06 2.89 0.00	53.20 3.29 0.00	62.11 3.22 0.00	69.69 3.58 0.00	62.85 3.25 0.00	40.01 2.09 0.00	35.52 1.94 0.00
CE_NYC_DRP 24195	31.54 1.61 0.00	25.19 1.37 0.00	25.80 1.17 0.00	24.09 1.07 0.00	23.29 1.04 0.00	22.93 0.98 0.00	20.46 0.96 0.00	21.82 1.05 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.16 1.55 -1.17	26.67 1.88 0.00	32.79 2.28 -0.47	37.80 2.40 -1.99	41.02 2.71 -0.96	40.21 2.80 -0.27	44.69 2.94 0.00	43.18 3.02 0.00	53.34 3.43 0.00	62.27 3.39 0.00	69.87 3.76 0.00	62.99 3.38 0.00	40.05 2.13 0.00	35.53 1.95 0.00
CHAFFEE___LFGE 323603	31.26 1.33 0.00	24.64 0.82 0.00	25.44 0.81 0.00	23.69 0.66 0.00	22.74 0.49 0.00	22.40 0.46 0.00	19.68 0.17 0.00	21.15 0.38 0.00	23.68 0.53 0.00	23.52 0.59 0.00	22.08 0.64 0.00	25.64 0.85 0.00	31.06 1.02 0.00	34.55 1.14 0.00	38.58 1.24 0.00	37.53 0.40 0.00	42.28 0.53 0.00	40.28 0.12 0.00	50.22 0.32 0.00	58.91 0.02 0.00	65.87 -0.24 0.00	59.72 0.12 0.00	38.40 0.48 0.00	34.82 1.23 0.00
CHATEAUG_35_KV_LOAD 355732	30.05 0.12 0.00	23.81 -0.01 0.00	24.58 -0.05 0.00	23.16 0.13 0.00	22.57 0.32 0.00	22.37 0.42 0.00	19.85 0.34 0.00	21.19 0.42 0.00	23.65 0.50 0.00	23.40 0.48 0.00	21.77 0.33 0.00	25.14 0.35 0.00	30.46 0.41 0.00	33.87 0.45 0.00	37.82 0.47 0.00	38.02 0.89 0.00	42.99 1.24 0.00	41.16 1.00 0.00	51.27 1.36 0.00	60.65 1.76 0.00	68.08 1.97 0.00	61.47 1.87 0.00	38.75 0.83 0.00	33.96 0.38 0.00
CHATEAUG_WT_PWR 323614	30.09 0.15 0.00	23.83 0.01 0.00	24.59 -0.04 0.00	23.16 0.13 0.00	22.59 0.33 0.00	22.40 0.45 0.00	19.88 0.38 0.00	21.21 0.44 0.00	23.67 0.52 0.00	23.44 0.52 0.00	21.81 0.38 0.00	25.18 0.39 0.00	30.52 0.48 0.00	33.92 0.51 0.00	37.90 0.56 0.00	38.12 0.99 0.00	43.09 1.34 0.00	41.31 1.15 0.00	51.41 1.51 0.00	60.72 1.84 0.00	68.16 2.05 0.00	61.57 1.97 0.00	38.81 0.89 0.00	34.02 0.44 0.00
CHAT_HIGH_FALL_HYD 323578	30.05 0.12 0.00	23.81 -0.01 0.00	24.58 -0.05 0.00	23.16 0.13 0.00	22.57 0.32 0.00	22.37 0.42 0.00	19.85 0.34 0.00	21.19 0.41 0.00	23.65 0.50 0.00	23.40 0.48 0.00	21.77 0.33 0.00	25.14 0.35 0.00	30.46 0.41 0.00	33.87 0.45 0.00	37.82 0.47 0.00	38.02 0.89 0.00	42.99 1.24 0.00	41.16 1.00 0.00	51.27 1.36 0.00	60.65 1.76 0.00	68.08 1.97 0.00	61.47 1.87 0.00	38.75 0.83 0.00	33.96 0.38 0.00
CHAUTAUQUA___LFGE 323629	31.59 1.66 0.00	24.85 1.03 0.00	25.65 1.02 0.00	23.87 0.84 0.00	22.89 0.63 0.00	22.57 0.63 0.00	19.87 0.37 0.00	21.40 0.63 0.00	23.97 0.82 0.00	23.80 0.88 0.00	22.43 0.99 0.00	26.01 1.22 0.00	31.59 1.54 0.00	35.08 1.66 0.00	39.31 1.96 0.00	38.26 1.13 0.00	43.09 1.34 0.00	41.05 0.89 0.00	51.12 1.22 0.00	59.97 1.09 0.00	67.14 1.02 0.00	60.74 1.14 0.00	38.98 1.07 0.00	35.22 1.64 0.00
CHERRYST_13_KV_LD 356241	31.63 1.71 0.00	25.26 1.44 0.00	25.87 1.25 0.00	24.17 1.14 0.00	23.36 1.11 0.00	22.99 1.05 0.00	20.53 1.02 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.38 1.46 0.00	24.24 1.64 -1.17	26.77 1.98 0.00	32.91 2.39 -0.47	37.94 2.54 -1.99	41.17 2.86 -0.96	40.36 2.95 -0.27	44.87 3.12 0.00	43.35 3.18 0.00	53.54 3.64 0.00	62.50 3.62 0.00	70.13 4.02 0.00	63.22 3.62 0.00	40.19 2.27 0.00	35.65 2.07 0.00
CHESTROR_138KV_BK263 355645	31.03 1.10 0.00	24.75 0.93 0.00	25.41 0.78 0.00	23.74 0.71 0.00	22.95 0.70 0.00	22.60 0.65 0.00	20.14 0.63 0.00	21.45 0.68 0.00	23.99 0.84 0.00	23.82 0.90 0.00	21.47 1.03 1.00	26.04 1.24 0.00	31.98 1.55 -0.38	36.72 1.69 -1.63	40.10 1.97 -0.79	39.39 2.04 -0.22	43.95 2.20 0.00	42.44 2.28 0.00	52.56 2.65 0.00	61.54 2.65 0.00	69.01 2.90 0.00	62.17 2.57 0.00	39.47 1.55 0.00	34.94 1.36 0.00
CH_MIDHUDSON___DRP 24192	31.24 1.31 0.00	24.96 1.13 0.00	25.60 0.97 0.00	23.93 0.90 0.00	23.15 0.90 0.00	22.79 0.84 0.00	20.30 0.79 0.00	21.62 0.85 0.00	24.18 1.03 0.00	24.02 1.10 0.00	22.92 1.22 -0.26	26.25 1.45 0.00	32.15 1.79 -0.31	36.70 1.96 -1.33	40.24 2.25 -0.64	39.67 2.35 -0.18	44.32 2.56 0.00	42.89 2.72 0.00	53.10 3.19 0.00	62.12 3.23 0.00	69.68 3.57 0.00	62.71 3.11 0.00	39.81 1.90 0.00	35.20 1.63 0.00
CH_MISC_IPPS 23765	31.46 1.53 0.00	25.11 1.29 0.00	25.75 1.12 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.90 0.96 0.00	20.40 0.89 0.00	21.73 0.96 0.00	24.32 1.17 0.00	24.17 1.24 0.00	22.82 1.38 0.00	26.44 1.65 0.00	32.45 2.06 -0.35	37.17 2.27 -1.48	40.70 2.64 -0.72	40.08 2.75 -0.20	44.77 3.02 0.00	43.29 3.13 0.00	53.61 3.71 0.00	62.70 3.82 0.00	70.29 4.18 0.00	63.25 3.64 0.00	40.15 2.23 0.00	35.50 1.91 0.00
CH_RES_BVR_FALLS 23983	29.65 -0.27 0.00	23.59 -0.23 0.00	24.43 -0.19 0.00	22.86 -0.17 0.00	22.10 -0.15 0.00	21.81 -0.14 0.00	19.37 -0.13 0.00	20.65 -0.13 0.00	23.02 -0.13 0.00	22.79 -0.13 0.00	21.24 -0.20 0.00	24.55 -0.24 0.00	29.75 -0.30 0.00	33.08 -0.33 0.00	36.97 -0.38 0.00	36.82 -0.31 0.00	41.47 -0.28 0.00	39.76 -0.40 0.00	49.38 -0.53 0.00	58.50 -0.38 0.00	65.68 -0.43 0.00	59.28 -0.33 0.00	37.72 -0.20 0.00	33.34 -0.24 0.00

CH_RES_NIAGARA 23895	30.57 0.65 0.00	24.14 0.32 0.00	24.99 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.73 -0.04 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.94 0.15 0.00	30.11 0.06 0.00	33.47 0.06 0.00	37.23 -0.12 0.00	36.06 -1.07 0.00	40.34 -1.41 0.00	38.38 -1.79 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.67 -3.44 0.00	57.04 -2.56 0.00	36.95 -0.97 0.00	33.87 0.29 0.00
CH_RES_SYRACUSE 23985	30.18 0.25 0.00	23.95 0.13 0.00	24.74 0.11 0.00	23.09 0.07 0.00	22.29 0.04 0.00	21.96 0.02 0.00	19.51 0.01 0.00	20.82 0.05 0.00	23.18 0.02 0.00	22.93 0.01 0.00	21.53 0.09 0.00	24.94 0.15 0.00	30.23 0.19 0.00	33.60 0.18 0.00	37.60 0.25 0.00	37.24 0.11 0.00	41.93 0.18 0.00	40.42 0.26 0.00	50.32 0.42 0.00	59.19 0.31 0.00	66.39 0.28 0.00	59.78 0.18 0.00	38.03 0.11 0.00	33.77 0.19 0.00
CLINTON_WT_PWR 323605	30.09 0.15 0.00	23.83 0.01 0.00	24.59 -0.04 0.00	23.16 0.13 0.00	22.59 0.33 0.00	22.40 0.45 0.00	19.88 0.38 0.00	21.21 0.44 0.00	23.67 0.52 0.00	23.44 0.52 0.00	21.81 0.38 0.00	25.18 0.39 0.00	30.52 0.48 0.00	33.92 0.51 0.00	37.90 0.56 0.00	38.12 0.99 0.00	43.09 1.34 0.00	41.31 1.15 0.00	51.41 1.51 0.00	60.72 1.84 0.00	68.16 2.05 0.00	61.57 1.97 0.00	38.81 0.89 0.00	34.02 0.44 0.00
CLINTON___LFGE 323618	30.43 0.51 0.00	24.09 0.27 0.00	24.83 0.20 0.00	23.38 0.35 0.00	22.81 0.55 0.00	22.64 0.70 0.00	20.09 0.59 0.00	21.43 0.66 0.00	23.91 0.76 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.44 0.65 0.00	30.86 0.81 0.00	34.32 0.90 0.00	38.36 1.01 0.00	38.62 1.49 0.00	43.72 1.96 0.00	41.98 1.82 0.00	52.29 2.38 0.00	61.71 2.83 0.00	69.27 3.15 0.00	62.60 2.99 0.00	39.44 1.52 0.00	34.51 0.93 0.00
COBBLENY_34_KV_TB1 80064	31.26 1.33 0.00	24.64 0.82 0.00	25.44 0.81 0.00	23.69 0.66 0.00	22.74 0.49 0.00	22.40 0.46 0.00	19.68 0.17 0.00	21.13 0.36 0.00	23.68 0.53 0.00	23.52 0.59 0.00	22.08 0.64 0.00	25.63 0.84 0.00	31.06 1.02 0.00	34.55 1.14 0.00	38.58 1.24 0.00	37.54 0.41 0.00	42.28 0.53 0.00	40.29 0.13 0.00	50.22 0.32 0.00	58.91 0.02 0.00	65.87 -0.24 0.00	59.70 0.09 0.00	38.40 0.48 0.00	34.81 1.23 0.00
COFFEEN___115KV_TB3 355620	30.70 0.77 0.00	24.36 0.53 0.00	25.08 0.45 0.00	23.22 0.19 0.00	22.33 0.08 0.00	22.14 0.20 0.00	19.78 0.27 0.00	21.02 0.25 0.00	23.55 0.40 0.00	23.04 0.12 0.00	21.53 0.09 0.00	24.82 0.03 0.00	30.01 -0.04 0.00	33.54 0.12 0.00	37.27 -0.08 0.00	37.00 -0.13 0.00	42.03 0.27 0.00	40.69 0.53 0.00	51.49 1.58 0.00	61.95 3.07 0.00	70.31 4.20 0.00	62.62 3.02 0.00	39.63 1.71 0.00	34.85 1.27 0.00
COLDSPRG_115KV_BK1 355956	32.04 2.11 0.00	25.22 1.40 0.00	25.99 1.36 0.00	24.18 1.15 0.00	23.20 0.94 0.00	22.89 0.94 0.00	20.18 0.67 0.00	21.72 0.94 0.00	24.38 1.23 0.00	24.25 1.33 0.00	22.84 1.40 0.00	26.43 1.63 0.00	32.12 2.07 0.00	35.69 2.28 0.00	39.96 2.62 0.00	38.98 1.85 0.00	43.95 2.20 0.00	41.84 1.67 0.00	52.12 2.21 0.00	61.18 2.30 0.00	68.43 2.32 0.00	61.92 2.31 0.00	39.64 1.72 0.00	35.73 2.15 0.00
COLONIE_LFGE___ 323577	30.69 0.76 0.00	24.50 0.68 0.00	25.23 0.61 0.00	23.63 0.60 0.00	22.90 0.65 0.00	22.60 0.66 0.00	20.10 0.59 0.00	21.31 0.54 0.00	23.71 0.55 0.00	23.53 0.61 0.00	22.26 0.55 -0.27	25.39 0.60 0.00	30.04 0.71 0.71	31.21 0.85 3.05	36.75 0.88 1.48	37.82 1.11 0.42	42.93 1.18 0.00	41.67 1.50 0.00	51.85 1.94 0.00	61.00 2.12 0.00	68.59 2.48 0.00	61.60 2.00 0.00	39.14 1.22 0.00	34.50 0.92 0.00
COOPERNY_115KV_TB1 80082	30.76 0.84 0.00	24.52 0.70 0.00	25.22 0.59 0.00	23.57 0.54 0.00	22.78 0.53 0.00	22.44 0.49 0.00	19.99 0.48 0.00	21.29 0.51 0.00	23.79 0.63 0.00	23.60 0.67 0.00	21.84 0.78 0.37	25.73 0.94 0.00	31.44 1.17 -0.22	35.65 1.28 -0.95	39.31 1.50 -0.46	38.79 1.53 -0.13	43.39 1.63 0.00	41.88 1.72 0.00	51.90 1.99 0.00	60.85 1.96 0.00	68.25 2.14 0.00	61.50 1.89 0.00	39.08 1.16 0.00	34.60 1.03 0.00
COPENHAGEN_WT_PWR 323753	30.20 0.27 0.00	23.99 0.17 0.00	24.69 0.07 0.00	22.84 -0.19 0.00	21.96 -0.29 0.00	21.79 -0.15 0.00	19.49 -0.01 0.00	20.74 -0.03 0.00	23.26 0.11 0.00	22.81 -0.11 0.00	21.28 -0.16 0.00	24.50 -0.29 0.00	29.65 -0.39 0.00	33.12 -0.29 0.00	36.71 -0.63 0.00	36.46 -0.67 0.00	41.41 -0.35 0.00	40.19 0.03 0.00	50.79 0.88 0.00	60.94 2.05 0.00	69.10 2.99 0.00	61.74 2.14 0.00	39.13 1.22 0.00	34.45 0.87 0.00
CORNELL___ 23752	30.83 0.90 0.00	24.45 0.63 0.00	25.22 0.60 0.00	23.55 0.52 0.00	22.72 0.46 0.00	22.40 0.45 0.00	19.89 0.39 0.00	21.22 0.45 0.00	23.61 0.46 0.00	23.34 0.42 0.00	21.88 0.44 0.00	25.33 0.54 0.00	30.75 0.70 0.00	34.22 0.81 0.00	38.27 0.92 0.00	37.89 0.76 0.00	42.67 0.92 0.00	41.24 1.07 0.00	51.52 1.61 0.00	60.75 1.86 0.00	68.23 2.12 0.00	61.41 1.81 0.00	39.04 1.12 0.00	34.62 1.04 0.00
CORONA_AV_69_KV_TB1 355595	31.95 2.02 0.00	25.51 1.69 0.00	26.12 1.49 0.00	24.31 1.28 0.00	23.47 1.22 0.00	23.10 1.16 0.00	20.57 1.06 0.00	21.96 1.19 0.00	24.62 1.47 0.00	24.44 1.52 0.00	24.42 1.82 -1.16	30.35 2.27 -3.29	36.89 2.71 -4.14	38.38 2.89 -2.07	41.35 3.04 -0.96	40.56 3.15 -0.28	45.19 3.43 0.00	43.85 3.69 0.00	53.91 4.00 0.00	62.89 4.01 0.00	70.70 4.59 0.00	63.80 4.20 0.00	40.58 2.66 0.00	36.22 2.64 0.00
CORTLAND_115KV_TB3 80093	30.51 0.58 0.00	24.22 0.40 0.00	24.98 0.35 0.00	23.33 0.30 0.00	22.50 0.25 0.00	22.20 0.26 0.00	19.72 0.21 0.00	21.03 0.26 0.00	23.42 0.27 0.00	23.16 0.24 0.00	21.73 0.29 0.00	25.15 0.35 0.00	30.52 0.47 0.00	33.94 0.53 0.00	37.99 0.64 0.00	37.62 0.49 0.00	42.33 0.58 0.00	40.85 0.68 0.00	50.95 1.04 0.00	60.02 1.14 0.00	67.39 1.29 0.00	60.68 1.08 0.00	38.59 0.67 0.00	34.23 0.65 0.00
COXSACKIE___GT 23611	31.55 1.62 0.00	25.11 1.29 0.00	25.83 1.20 0.00	24.19 1.17 0.00	23.41 1.16 0.00	23.11 1.16 0.00	20.53 1.03 0.00	21.76 0.99 0.00	24.10 0.94 0.00	23.74 0.82 0.00	22.38 0.74 -0.20	25.62 0.83 0.00	30.90 1.10 0.24	33.68 1.30 1.04	38.37 1.53 0.50	38.90 1.91 0.14	43.91 2.16 0.00	42.77 2.60 0.00	53.49 3.59 0.00	63.55 4.67 0.00	71.71 5.60 0.00	64.35 4.74 0.00	40.68 2.76 0.00	35.68 2.10 0.00
CPV_VALLEY___CC1 323721	30.80 0.87 0.00	24.57 0.75 0.00	25.23 0.60 0.00	23.58 0.55 0.00	22.80 0.55 0.00	22.45 0.51 0.00	20.01 0.51 0.00	21.31 0.54 0.00	23.83 0.68 0.00	23.65 0.73 0.00	21.71 0.87 0.60	25.84 1.05 0.00	31.68 1.30 -0.33	36.23 1.42 -1.39	39.67 1.65 -0.67	39.03 1.71 -0.19	43.56 1.81 0.00	42.07 1.90 0.00	52.09 2.19 0.00	61.01 2.12 0.00	68.43 2.31 0.00	61.64 2.03 0.00	39.14 1.23 0.00	34.66 1.08 0.00

CPV_VALLEY___CC2 323722	30.80 0.87 0.00	24.57 0.75 0.00	25.23 0.60 0.00	23.58 0.55 0.00	22.80 0.55 0.00	22.45 0.51 0.00	20.01 0.51 0.00	21.31 0.54 0.00	23.83 0.68 0.00	23.65 0.73 0.00	21.71 0.87 0.60	25.84 1.05 0.00	31.68 1.30 -0.33	36.23 1.42 -1.39	39.67 1.65 -0.67	39.03 1.71 -0.19	43.56 1.81 0.00	42.07 1.90 0.00	52.09 2.19 0.00	61.01 2.12 0.00	68.43 2.31 0.00	61.64 2.03 0.00	39.14 1.23 0.00	34.66 1.08 0.00
CRESCENT___HYD 24018	30.69 0.76 0.00	24.50 0.68 0.00	25.23 0.61 0.00	23.63 0.60 0.00	22.90 0.65 0.00	22.60 0.66 0.00	20.10 0.59 0.00	21.31 0.54 0.00	23.71 0.55 0.00	23.53 0.61 0.00	22.26 0.55 -0.27	25.39 0.60 0.00	30.04 0.71 0.71	31.21 0.85 3.05	36.75 0.88 1.48	37.82 1.11 0.42	42.93 1.18 0.00	41.67 1.50 0.00	51.85 1.94 0.00	61.00 2.12 0.00	68.59 2.48 0.00	61.60 2.00 0.00	39.14 1.22 0.00	34.50 0.92 0.00
CRICKET___VALLEY_CC1 323756	30.75 0.82 0.00	24.62 0.80 0.00	25.25 0.62 0.00	23.65 0.62 0.00	22.89 0.64 0.00	22.53 0.59 0.00	20.06 0.55 0.00	21.34 0.57 0.00	23.83 0.68 0.00	23.69 0.77 0.00	22.83 0.87 -0.52	25.77 0.98 0.00	24.13 1.19 7.10	4.42 1.28 30.27	24.12 1.43 14.66	34.52 1.57 4.18	43.44 1.68 0.00	42.12 1.96 0.00	52.15 2.25 0.00	61.06 2.18 0.00	68.57 2.46 0.00	61.68 2.07 0.00	39.17 1.25 0.00	34.59 1.01 0.00
CRICKET___VALLEY_CC2 323757	30.75 0.82 0.00	24.62 0.80 0.00	25.25 0.62 0.00	23.65 0.62 0.00	22.89 0.64 0.00	22.53 0.59 0.00	20.06 0.55 0.00	21.34 0.57 0.00	23.83 0.68 0.00	23.69 0.77 0.00	22.83 0.87 -0.52	25.77 0.98 0.00	24.13 1.19 7.10	4.42 1.28 30.27	24.12 1.43 14.66	34.52 1.57 4.18	43.44 1.68 0.00	42.12 1.96 0.00	52.15 2.25 0.00	61.06 2.18 0.00	68.57 2.46 0.00	61.68 2.07 0.00	39.17 1.25 0.00	34.59 1.01 0.00
CRICKET___VALLEY_CC3 323758	30.75 0.82 0.00	24.62 0.80 0.00	25.25 0.62 0.00	23.65 0.62 0.00	22.89 0.64 0.00	22.53 0.59 0.00	20.06 0.55 0.00	21.34 0.57 0.00	23.83 0.68 0.00	23.69 0.77 0.00	22.83 0.87 -0.52	25.77 0.98 0.00	24.13 1.19 7.10	4.42 1.28 30.27	24.12 1.43 14.66	34.52 1.57 4.18	43.44 1.68 0.00	42.12 1.96 0.00	52.15 2.25 0.00	61.06 2.18 0.00	68.57 2.46 0.00	61.68 2.07 0.00	39.17 1.25 0.00	34.59 1.01 0.00
CRUCIBLE_METL_DRP 24180	30.18 0.25 0.00	23.95 0.13 0.00	24.73 0.11 0.00	23.09 0.07 0.00	22.29 0.04 0.00	21.96 0.02 0.00	19.51 0.01 0.00	20.82 0.04 0.00	23.18 0.02 0.00	22.92 0.00 0.00	21.53 0.09 0.00	24.94 0.15 0.00	30.23 0.19 0.00	33.59 0.18 0.00	37.60 0.25 0.00	37.25 0.11 0.00	41.93 0.18 0.00	40.42 0.26 0.00	50.32 0.41 0.00	59.19 0.30 0.00	66.39 0.28 0.00	59.78 0.18 0.00	38.03 0.11 0.00	33.77 0.19 0.00
DAHOWA___HYDRO 323763	31.09 1.16 0.00	24.79 0.97 0.00	25.48 0.86 0.00	23.85 0.82 0.00	23.09 0.84 0.00	22.78 0.83 0.00	20.25 0.75 0.00	21.47 0.70 0.00	23.83 0.68 0.00	23.64 0.72 0.00	22.29 0.59 -0.26	25.50 0.71 0.00	30.35 0.90 0.60	32.01 1.15 2.55	37.35 1.23 1.23	38.34 1.56 0.35	43.58 1.83 0.00	42.37 2.21 0.00	52.97 3.06 0.00	62.37 3.49 0.00	70.09 3.98 0.00	62.85 3.25 0.00	39.87 1.95 0.00	35.10 1.51 0.00
DANC___LFGE 323619	29.99 0.06 0.00	23.82 0.00 0.00	24.54 -0.08 0.00	22.79 -0.24 0.00	21.94 -0.31 0.00	21.72 -0.23 0.00	19.37 -0.13 0.00	20.63 -0.14 0.00	23.07 -0.08 0.00	22.68 -0.24 0.00	21.20 -0.24 0.00	24.46 -0.33 0.00	29.62 -0.42 0.00	33.02 -0.39 0.00	36.73 -0.62 0.00	36.42 -0.71 0.00	41.22 -0.54 0.00	39.89 -0.28 0.00	50.16 0.25 0.00	59.80 0.91 0.00	67.62 1.50 0.00	60.58 0.97 0.00	38.48 0.57 0.00	33.99 0.41 0.00
DANSKAMMER___1 23586	31.46 1.53 0.00	25.11 1.29 0.00	25.75 1.12 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.90 0.96 0.00	20.40 0.89 0.00	21.73 0.96 0.00	24.32 1.17 0.00	24.17 1.24 0.00	22.82 1.38 0.00	26.44 1.65 0.00	32.45 2.06 -0.35	37.17 2.27 -1.48	40.70 2.64 -0.72	40.08 2.75 -0.20	44.77 3.02 0.00	43.29 3.13 0.00	53.61 3.71 0.00	62.70 3.82 0.00	70.29 4.18 0.00	63.25 3.64 0.00	40.15 2.23 0.00	35.50 1.91 0.00
DANSKAMMER___2 23589	31.46 1.53 0.00	25.11 1.29 0.00	25.75 1.12 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.90 0.96 0.00	20.40 0.89 0.00	21.73 0.96 0.00	24.32 1.17 0.00	24.17 1.24 0.00	22.82 1.38 0.00	26.44 1.65 0.00	32.45 2.06 -0.35	37.17 2.27 -1.48	40.70 2.64 -0.72	40.08 2.75 -0.20	44.77 3.02 0.00	43.29 3.13 0.00	53.61 3.71 0.00	62.70 3.82 0.00	70.29 4.18 0.00	63.25 3.64 0.00	40.15 2.23 0.00	35.50 1.91 0.00
DANSKAMMER___3 23590	31.46 1.53 0.00	25.11 1.29 0.00	25.75 1.12 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.90 0.96 0.00	20.40 0.89 0.00	21.73 0.96 0.00	24.32 1.17 0.00	24.17 1.24 0.00	22.82 1.38 0.00	26.44 1.65 0.00	32.45 2.06 -0.35	37.17 2.27 -1.48	40.70 2.64 -0.72	40.08 2.75 -0.20	44.77 3.02 0.00	43.29 3.13 0.00	53.61 3.71 0.00	62.70 3.82 0.00	70.29 4.18 0.00	63.25 3.64 0.00	40.15 2.23 0.00	35.50 1.91 0.00
DANSKAMMER___4 23591	31.46 1.53 0.00	25.11 1.29 0.00	25.75 1.12 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.90 0.96 0.00	20.40 0.89 0.00	21.73 0.96 0.00	24.32 1.17 0.00	24.17 1.24 0.00	22.82 1.38 0.00	26.44 1.65 0.00	32.45 2.06 -0.35	37.17 2.27 -1.48	40.70 2.64 -0.72	40.08 2.75 -0.20	44.77 3.02 0.00	43.29 3.13 0.00	53.61 3.71 0.00	62.70 3.82 0.00	70.29 4.18 0.00	63.25 3.64 0.00	40.15 2.23 0.00	35.50 1.91 0.00
DANSKAMMER___DIESEL 23592	31.46 1.54 0.00	25.11 1.29 0.00	25.75 1.12 0.00	24.06 1.04 0.00	23.26 1.01 0.00	22.90 0.96 0.00	20.40 0.89 0.00	21.73 0.96 0.00	24.32 1.17 0.00	24.17 1.25 0.00	22.82 1.38 0.00	26.44 1.65 0.00	32.45 2.06 -0.35	37.17 2.27 -1.48	40.70 2.64 -0.72	40.08 2.74 -0.20	44.76 3.01 0.00	43.29 3.13 0.00	53.61 3.71 0.00	62.70 3.82 0.00	70.29 4.18 0.00	63.25 3.64 0.00	40.15 2.23 0.00	35.50 1.92 0.00
DARBY___SOLAR 323810	31.05 1.12 0.00	24.76 0.94 0.00	25.46 0.84 0.00	23.83 0.80 0.00	23.08 0.83 0.00	22.76 0.82 0.00	20.24 0.74 0.00	21.47 0.69 0.00	23.83 0.68 0.00	23.63 0.72 0.00	22.30 0.59 -0.26	25.50 0.71 0.00	30.31 0.88 0.62	31.89 1.11 2.64	37.26 1.19 1.28	38.26 1.49 0.36	43.51 1.75 0.00	42.27 2.11 0.00	52.79 2.88 0.00	62.17 3.28 0.00	69.84 3.72 0.00	62.66 3.06 0.00	39.76 1.84 0.00	35.02 1.44 0.00
DASHVILLE___HYD 23610	31.02 1.09 0.00	24.78 0.96 0.00	25.43 0.80 0.00	23.77 0.74 0.00	22.98 0.73 0.00	22.61 0.67 0.00	20.15 0.64 0.00	21.47 0.70 0.00	24.05 0.90 0.00	23.89 0.97 0.00	22.57 1.13 0.00	26.16 1.37 0.00	31.96 1.76 -0.16	35.94 1.84 -0.68	39.91 2.23 -0.33	39.48 2.25 -0.09	44.11 2.36 0.00	42.64 2.47 0.00	52.75 2.84 0.00	61.57 2.69 0.00	69.01 2.90 0.00	62.18 2.58 0.00	39.48 1.56 0.00	34.95 1.37 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	33.36 3.43 0.00	26.60 2.78 0.00	27.28 2.65 0.00	25.25 2.22 0.00	24.32 2.07 0.00	24.00 2.05 0.00	21.36 1.86 0.00	22.89 2.12 0.00	25.69 2.54 0.00	25.45 2.53 0.00	25.13 2.53 -1.16	31.32 3.24 -3.29	38.36 4.18 -4.14	40.15 4.66 -2.07	43.19 4.88 -0.96	42.37 4.95 -0.29	47.31 5.55 -0.01	238.56 5.91 -192.49	226.31 6.55 -169.86	99.26 7.03 -33.34	83.07 7.84 -9.11	75.40 6.69 -9.11	41.89 3.97 0.00	37.45 3.86 -0.01
DELAWARE___LFGE 323621	30.84 0.91 0.00	24.54 0.72 0.00	25.33 0.70 0.00	23.70 0.67 0.00	22.89 0.64 0.00	22.57 0.62 0.00	20.06 0.55 0.00	21.36 0.58 0.00	23.83 0.68 0.00	23.61 0.69 0.00	22.19 0.75 0.00	25.67 0.88 0.00	31.14 1.09 0.00	34.61 1.20 0.00	38.74 1.39 0.00	38.45 1.32 0.00	43.18 1.43 0.00	41.63 1.46 0.00	51.69 1.78 0.00	60.78 1.90 0.00	68.18 2.07 0.00	61.52 1.91 0.00	39.11 1.19 0.00	34.65 1.07 0.00
DERFIELD_115KV_TB7 355931	29.96 0.03 0.00	23.84 0.02 0.00	24.63 0.00 0.00	23.03 0.00 0.00	22.23 -0.02 0.00	21.93 -0.02 0.00	19.50 0.00 0.00	20.75 -0.02 0.00	23.13 -0.02 0.00	22.90 -0.02 0.00	21.44 0.00 0.00	24.79 0.00 0.00	30.07 0.02 0.00	33.45 0.03 0.00	37.38 0.03 0.00	37.12 -0.02 0.00	41.73 -0.03 0.00	40.23 0.06 0.00	50.01 0.10 0.00	58.95 0.06 0.00	66.20 0.09 0.00	59.72 0.12 0.00	37.96 0.05 0.00	33.61 0.03 0.00
DOGLEVILLE___HYD 23807	29.47 -0.45 0.00	23.44 -0.38 0.00	24.08 -0.55 0.00	22.52 -0.51 0.00	21.80 -0.46 0.00	21.56 -0.39 0.00	19.19 -0.31 0.00	20.34 -0.43 0.00	22.55 -0.60 0.00	22.39 -0.53 0.00	21.03 -0.42 0.00	24.34 -0.45 0.00	29.53 -0.52 0.00	32.83 -0.58 0.00	36.76 -0.58 0.00	36.81 -0.32 0.00	41.34 -0.41 0.00	40.25 0.09 0.00	50.37 0.46 0.00	59.28 0.40 0.00	66.84 0.73 0.00	59.96 0.35 0.00	37.93 0.01 0.00	33.36 -0.22 0.00
DUNKIRK___115KV_TB_200 55889	31.52 1.59 0.00	24.81 0.98 0.00	25.60 0.97 0.00	23.83 0.80 0.00	22.85 0.60 0.00	22.54 0.60 0.00	19.84 0.34 0.00	21.35 0.58 0.00	23.92 0.77 0.00	23.75 0.83 0.00	22.38 0.94 0.00	25.94 1.15 0.00	31.51 1.46 0.00	34.99 1.57 0.00	39.22 1.87 0.00	38.17 1.04 0.00	42.99 1.24 0.00	40.94 0.77 0.00	51.00 1.10 0.00	59.82 0.93 0.00	66.94 0.83 0.00	60.56 0.96 0.00	38.88 0.96 0.00	35.13 1.55 0.00
DUNKIRK___1 23563	31.52 1.59 0.00	24.81 0.98 0.00	25.60 0.97 0.00	23.83 0.80 0.00	22.85 0.60 0.00	22.54 0.60 0.00	19.84 0.34 0.00	21.35 0.58 0.00	23.92 0.77 0.00	23.75 0.83 0.00	22.38 0.94 0.00	25.94 1.15 0.00	31.51 1.46 0.00	34.99 1.57 0.00	39.22 1.87 0.00	38.17 1.04 0.00	42.99 1.24 0.00	40.94 0.77 0.00	51.00 1.10 0.00	59.82 0.93 0.00	66.94 0.83 0.00	60.56 0.96 0.00	38.88 0.96 0.00	35.13 1.55 0.00
DUNKIRK___2 23564	31.52 1.59 0.00	24.81 0.98 0.00	25.60 0.97 0.00	23.83 0.80 0.00	22.85 0.60 0.00	22.54 0.60 0.00	19.84 0.34 0.00	21.35 0.58 0.00	23.92 0.77 0.00	23.75 0.83 0.00	22.38 0.94 0.00	25.94 1.15 0.00	31.51 1.46 0.00	34.99 1.57 0.00	39.22 1.87 0.00	38.17 1.04 0.00	42.99 1.24 0.00	40.94 0.77 0.00	51.00 1.10 0.00	59.82 0.93 0.00	66.94 0.83 0.00	60.56 0.96 0.00	38.88 0.96 0.00	35.13 1.55 0.00
DUNKIRK___3 23565	31.34 1.41 0.00	24.68 0.86 0.00	25.48 0.86 0.00	23.73 0.70 0.00	22.77 0.51 0.00	22.46 0.51 0.00	19.76 0.25 0.00	21.23 0.46 0.00	23.79 0.64 0.00	23.61 0.69 0.00	22.23 0.79 0.00	25.76 0.97 0.00	31.26 1.22 0.00	34.72 1.31 0.00	38.89 1.54 0.00	37.85 0.72 0.00	42.61 0.86 0.00	40.58 0.41 0.00	50.57 0.66 0.00	59.29 0.41 0.00	66.34 0.23 0.00	60.04 0.43 0.00	38.58 0.66 0.00	34.89 1.31 0.00
DUNKIRK___4 23566	31.34 1.41 0.00	24.68 0.86 0.00	25.48 0.86 0.00	23.73 0.70 0.00	22.77 0.51 0.00	22.46 0.51 0.00	19.76 0.25 0.00	21.23 0.46 0.00	23.79 0.64 0.00	23.61 0.69 0.00	22.23 0.79 0.00	25.76 0.97 0.00	31.26 1.22 0.00	34.72 1.31 0.00	38.89 1.54 0.00	37.85 0.72 0.00	42.61 0.86 0.00	40.58 0.41 0.00	50.57 0.66 0.00	59.29 0.41 0.00	66.34 0.23 0.00	60.04 0.43 0.00	38.58 0.66 0.00	34.89 1.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.46 1.53 0.00	25.12 1.30 0.00	25.74 1.12 0.00	24.05 1.02 0.00	23.25 1.00 0.00	22.88 0.93 0.00	20.40 0.89 0.00	21.75 0.98 0.00	24.35 1.20 0.00	24.21 1.28 0.00	24.04 1.44 -1.16	26.53 1.74 0.00	32.64 2.12 -0.47	37.67 2.27 -1.99	40.87 2.56 -0.96	40.05 2.64 -0.27	44.55 2.79 0.00	43.06 2.89 0.00	53.22 3.31 0.00	62.16 3.27 0.00	69.76 3.65 0.00	62.87 3.27 0.00	39.94 2.03 0.00	35.42 1.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.21 1.29 0.00	24.90 1.08 0.00	25.55 0.92 0.00	23.88 0.85 0.00	23.08 0.83 0.00	22.72 0.78 0.00	20.24 0.74 0.00	21.57 0.80 0.00	24.13 0.98 0.00	23.97 1.05 0.00	22.35 1.18 0.27	26.21 1.42 0.00	32.16 1.76 -0.35	36.83 1.94 -1.48	40.32 2.26 -0.72	39.67 2.34 -0.20	44.30 2.55 0.00	42.81 2.65 0.00	53.02 3.12 0.00	62.03 3.14 0.00	69.56 3.45 0.00	62.64 3.03 0.00	39.76 1.84 0.00	35.19 1.61 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.42 1.49 0.00	25.12 1.30 0.00	25.74 1.11 0.00	24.06 1.03 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.42 0.91 0.00	21.74 0.97 0.00	24.35 1.20 0.00	24.21 1.29 0.00	24.07 1.46 -1.16	26.60 1.81 0.00	32.72 2.21 -0.47	37.69 2.28 -1.99	40.88 2.57 -0.96	40.05 2.65 -0.27	44.53 2.78 0.00	43.06 2.90 0.00	53.24 3.34 0.00	62.22 3.33 0.00	69.80 3.69 0.00	62.94 3.34 0.00	40.04 2.12 0.00	35.49 1.91 0.00
E179THST_13_KV_LOAD 356214	31.61 1.68 0.00	25.26 1.44 0.00	25.88 1.25 0.00	24.19 1.16 0.00	23.37 1.12 0.00	22.99 1.05 0.00	20.52 1.02 0.00	21.85 1.08 0.00	24.48 1.33 0.00	24.34 1.42 0.00	24.20 1.59 -1.16	26.75 1.96 0.00	32.91 2.40 -0.47	37.90 2.49 -1.99	41.12 2.81 -0.96	40.30 2.89 -0.27	44.81 3.06 0.00	43.32 3.16 0.00	53.56 3.66 0.00	62.58 3.69 0.00	70.23 4.12 0.00	63.32 3.72 0.00	40.27 2.35 0.00	35.71 2.13 0.00
EAST HAMPTON___GT 23717	33.99 4.06 0.00	27.06 3.24 0.00	27.73 3.10 0.00	25.65 2.63 0.00	24.70 2.44 0.00	24.37 2.42 0.00	21.69 2.18 0.00	23.24 2.47 0.00	26.17 3.02 0.00	25.99 3.07 0.00	25.61 3.02 -1.16	31.90 3.81 -3.29	39.12 4.94 -4.14	41.00 5.52 -2.07	44.17 5.86 -0.96	43.35 5.93 -0.29	48.40 6.64 -0.01	239.62 6.93 -192.52	227.63 7.83 -169.89	100.72 8.48 -33.35	84.70 9.48 -9.11	76.76 8.05 -9.11	42.70 4.78 0.00	38.20 4.61 -0.01
EAST RIVER___6 23660	31.60 1.67 0.00	25.23 1.41 0.00	25.84 1.21 0.00	24.14 1.11 0.00	23.35 1.10 0.00	22.98 1.03 0.00	20.52 1.02 0.00	21.88 1.10 0.00	24.50 1.35 0.00	24.35 1.43 0.00	24.21 1.60 -1.17	26.72 1.93 0.00	32.85 2.34 -0.47	37.89 2.48 -1.99	41.11 2.80 -0.96	40.30 2.89 -0.27	44.82 3.07 0.00	43.29 3.12 0.00	53.49 3.58 0.00	62.39 3.50 0.00	70.03 3.92 0.00	63.15 3.55 0.00	40.14 2.22 0.00	35.60 2.02 0.00

EAST_RIVER___7 23524	31.60 1.67 0.00	25.23 1.41 0.00	25.84 1.21 0.00	24.14 1.11 0.00	23.35 1.10 0.00	22.98 1.03 0.00	20.52 1.02 0.00	21.88 1.10 0.00	24.50 1.35 0.00	24.35 1.43 0.00	24.21 1.60 -1.17	26.72 1.93 0.00	32.85 2.34 -0.47	37.89 2.48 -1.99	41.11 2.80 -0.96	40.30 2.89 -0.27	44.82 3.07 0.00	43.29 3.12 0.00	53.49 3.58 0.00	62.39 3.50 0.00	70.03 3.92 0.00	63.15 3.55 0.00	40.14 2.22 0.00	35.60 2.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.37 1.45 0.00	25.05 1.23 0.00	25.68 1.05 0.00	23.99 0.96 0.00	23.19 0.94 0.00	22.83 0.88 0.00	20.35 0.84 0.00	21.69 0.92 0.00	24.28 1.13 0.00	24.14 1.22 0.00	24.06 1.38 -1.24	26.45 1.66 0.00	32.54 2.03 -0.47	37.58 2.18 -1.99	40.78 2.47 -0.96	39.95 2.55 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.13 3.23 0.00	62.08 3.19 0.00	69.65 3.54 0.00	62.76 3.16 0.00	39.86 1.94 0.00	35.33 1.75 0.00
EAST_HAMPTON___DIESEL 23722	33.99 4.06 0.00	27.06 3.24 0.00	27.74 3.11 0.00	25.66 2.63 0.00	24.70 2.45 0.00	24.37 2.42 0.00	21.69 2.18 0.00	23.24 2.47 0.00	26.17 3.02 0.00	26.00 3.08 0.00	25.62 3.02 -1.16	31.90 3.82 -3.29	39.13 4.95 -4.14	41.01 5.53 -2.07	44.18 5.87 -0.96	43.36 5.94 -0.29	48.43 6.67 -0.01	239.64 6.96 -192.52	227.63 7.83 -169.89	100.73 8.50 -33.35	84.70 9.48 -9.11	76.77 8.05 -9.11	42.70 4.78 0.00	38.20 4.62 -0.01
EAST_PULASKI___ESR 323781	29.83 -0.09 0.00	23.70 -0.12 0.00	24.44 -0.19 0.00	22.78 -0.25 0.00	21.96 -0.29 0.00	21.69 -0.25 0.00	19.29 -0.21 0.00	20.56 -0.21 0.00	22.92 -0.23 0.00	22.61 -0.31 0.00	21.17 -0.27 0.00	24.47 -0.32 0.00	29.65 -0.40 0.00	33.00 -0.41 0.00	36.81 -0.54 0.00	36.43 -0.71 0.00	41.02 -0.73 0.00	39.61 -0.56 0.00	49.51 -0.40 0.00	58.65 -0.24 0.00	66.08 -0.03 0.00	59.37 -0.24 0.00	37.85 -0.07 0.00	33.57 -0.01 0.00
EAST_RIVER___1 323558	31.54 1.61 0.00	25.19 1.37 0.00	25.80 1.17 0.00	24.09 1.07 0.00	23.29 1.04 0.00	22.92 0.98 0.00	20.46 0.95 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.16 1.55 -1.17	26.67 1.87 0.00	32.79 2.28 -0.47	37.80 2.40 -1.99	41.02 2.71 -0.96	40.20 2.80 -0.27	44.70 2.94 0.00	43.18 3.02 0.00	53.34 3.43 0.00	62.27 3.38 0.00	69.87 3.76 0.00	62.98 3.38 0.00	40.05 2.13 0.00	35.53 1.95 0.00
EAST_RIVER___2 323559	31.60 1.67 0.00	25.23 1.41 0.00	25.84 1.21 0.00	24.14 1.11 0.00	23.35 1.10 0.00	22.98 1.03 0.00	20.52 1.02 0.00	21.88 1.10 0.00	24.50 1.35 0.00	24.35 1.43 0.00	24.21 1.60 -1.17	26.72 1.93 0.00	32.85 2.34 -0.47	37.89 2.48 -1.99	41.11 2.80 -0.96	40.30 2.89 -0.27	44.82 3.07 0.00	43.29 3.12 0.00	53.49 3.58 0.00	62.39 3.50 0.00	70.03 3.92 0.00	63.15 3.55 0.00	40.14 2.22 0.00	35.60 2.02 0.00
EAST___DELAWARE_HYD 23607	31.08 1.15 0.00	24.76 0.94 0.00	25.36 0.73 0.00	23.68 0.65 0.00	22.87 0.62 0.00	22.51 0.57 0.00	20.06 0.56 0.00	21.38 0.61 0.00	23.94 0.79 0.00	23.67 0.75 0.00	21.61 0.34 0.16	25.26 0.47 0.00	30.92 0.65 -0.22	35.11 0.74 -0.96	38.84 1.04 -0.46	38.48 1.21 -0.13	42.96 1.21 0.00	41.63 1.46 0.00	51.74 1.83 0.00	60.49 1.60 0.00	67.73 1.62 0.00	61.53 1.92 0.00	39.72 1.80 0.00	35.06 1.48 0.00
EIGHT_POINT___WT_PWR 323820	31.37 1.45 0.00	24.81 0.99 0.00	25.57 0.94 0.00	23.82 0.79 0.00	22.88 0.63 0.00	22.59 0.65 0.00	19.92 0.41 0.00	21.34 0.57 0.00	23.85 0.70 0.00	23.63 0.71 0.00	22.19 0.74 0.00	25.69 0.90 0.00	31.19 1.14 0.00	34.64 1.23 0.00	38.83 1.49 0.00	38.11 0.98 0.00	42.99 1.23 0.00	41.20 1.03 0.00	51.36 1.45 0.00	60.46 1.57 0.00	67.80 1.69 0.00	61.21 1.61 0.00	39.07 1.15 0.00	35.04 1.45 0.00
ELBRIDGE_115KV_TB2 80188	30.11 0.18 0.00	23.88 0.06 0.00	24.67 0.05 0.00	23.05 0.02 0.00	22.24 -0.01 0.00	21.90 -0.05 0.00	19.47 -0.04 0.00	20.77 0.00 0.00	23.10 -0.06 0.00	22.84 -0.08 0.00	21.46 0.02 0.00	24.85 0.06 0.00	30.11 0.07 0.00	33.46 0.05 0.00	37.47 0.12 0.00	37.06 -0.07 0.00	41.76 0.00 0.00	40.25 0.08 0.00	50.06 0.16 0.00	58.88 0.00 0.00	66.11 0.00 0.00	59.55 -0.05 0.00	37.90 -0.02 0.00	33.68 0.10 0.00
ELEC_TRO_TEK 24086	31.73 1.80 0.00	25.33 1.51 0.00	25.95 1.32 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.45 0.94 0.00	21.83 1.06 0.00	24.47 1.32 0.00	24.32 1.40 0.00	24.24 1.64 -1.16	30.14 2.06 -3.29	36.68 2.50 -4.14	38.14 2.66 -2.07	41.06 2.75 -0.96	40.25 2.85 -0.28	44.83 3.08 0.00	43.51 3.34 0.00	53.49 3.58 0.00	62.45 3.56 0.00	70.20 4.09 0.00	63.30 3.69 0.00	40.24 2.33 0.00	35.92 2.34 0.00
ELLENBURG_WT_PWR 323604	30.09 0.15 0.00	23.83 0.01 0.00	24.59 -0.04 0.00	23.16 0.13 0.00	22.59 0.33 0.00	22.40 0.45 0.00	19.88 0.38 0.00	21.21 0.44 0.00	23.67 0.52 0.00	23.44 0.52 0.00	21.81 0.38 0.00	25.18 0.39 0.00	30.52 0.48 0.00	33.92 0.51 0.00	37.90 0.56 0.00	38.12 0.99 0.00	43.09 1.34 0.00	41.31 1.15 0.00	51.41 1.51 0.00	60.72 1.84 0.00	68.16 2.05 0.00	61.57 1.97 0.00	38.81 0.89 0.00	34.02 0.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.17 1.24 0.00	24.58 0.76 0.00	25.41 0.78 0.00	23.67 0.64 0.00	22.72 0.46 0.00	22.37 0.43 0.00	19.65 0.14 0.00	21.08 0.31 0.00	23.61 0.46 0.00	23.44 0.52 0.00	22.00 0.56 0.00	25.52 0.73 0.00	30.89 0.84 0.00	34.34 0.93 0.00	38.30 0.96 0.00	37.23 0.10 0.00	41.88 0.13 0.00	39.90 -0.27 0.00	49.70 -0.21 0.00	58.28 -0.61 0.00	65.20 -0.91 0.00	59.13 -0.47 0.00	38.08 0.16 0.00	34.61 1.03 0.00
EMPIRE_CC_1 323656	30.22 0.29 0.00	24.21 0.38 0.00	24.93 0.30 0.00	23.38 0.35 0.00	22.66 0.41 0.00	22.35 0.40 0.00	19.87 0.37 0.00	21.00 0.23 0.00	23.37 0.22 0.00	23.21 0.28 0.00	22.02 0.26 -0.32	25.05 0.25 0.00	29.38 0.27 0.93	29.77 0.33 3.98	35.69 0.27 1.93	37.07 0.49 0.55	42.17 0.42 0.00	40.91 0.75 0.00	50.81 0.91 0.00	59.78 0.89 0.00	67.20 1.09 0.00	60.41 0.81 0.00	38.41 0.49 0.00	33.90 0.32 0.00
EMPIRE_CC_2 323658	30.22 0.29 0.00	24.21 0.38 0.00	24.93 0.30 0.00	23.38 0.35 0.00	22.66 0.41 0.00	22.35 0.40 0.00	19.87 0.37 0.00	21.00 0.23 0.00	23.37 0.22 0.00	23.21 0.28 0.00	22.02 0.26 -0.32	25.05 0.25 0.00	29.38 0.27 0.93	29.77 0.33 3.98	35.69 0.27 1.93	37.07 0.49 0.55	42.17 0.42 0.00	40.91 0.75 0.00	50.81 0.91 0.00	59.78 0.89 0.00	67.20 1.09 0.00	60.41 0.81 0.00	38.41 0.49 0.00	33.90 0.32 0.00
ENORWICH_115KV_TB1 80156	32.20 2.27 0.00	25.50 1.68 0.00	26.27 1.64 0.00	24.52 1.49 0.00	23.62 1.37 0.00	23.35 1.40 0.00	20.73 1.23 0.00	22.09 1.32 0.00	24.52 1.37 0.00	24.24 1.32 0.00	22.77 1.33 0.00	26.24 1.46 0.00	32.17 2.12 0.00	35.73 2.32 0.00	39.98 2.63 0.00	39.50 2.37 0.00	44.54 2.79 0.00	43.26 3.09 0.00	54.43 4.52 0.00	64.42 5.53 0.00	72.35 6.24 0.00	65.06 5.46 0.00	41.18 3.26 0.00	36.40 2.82 0.00

ERIE_ST__34_KV_TB1-2 80199	31.35 1.43 0.00	24.72 0.90 0.00	25.51 0.89 0.00	23.76 0.73 0.00	22.81 0.56 0.00	22.47 0.53 0.00	19.73 0.23 0.00	21.20 0.42 0.00	23.75 0.60 0.00	23.60 0.68 0.00	22.17 0.73 0.00	25.72 0.93 0.00	31.19 1.15 0.00	34.71 1.30 0.00	38.76 1.42 0.00	37.75 0.61 0.00	42.56 0.81 0.00	40.56 0.39 0.00	50.57 0.66 0.00	59.24 0.36 0.00	66.20 0.09 0.00	59.97 0.37 0.00	38.54 0.62 0.00	34.90 1.33 0.00
ERIE_WT_PWR 323693	31.30 1.37 0.00	24.69 0.86 0.00	25.52 0.89 0.00	23.77 0.74 0.00	22.81 0.55 0.00	22.46 0.52 0.00	19.72 0.22 0.00	21.19 0.42 0.00	23.72 0.57 0.00	23.55 0.63 0.00	22.12 0.67 0.00	25.66 0.87 0.00	31.07 1.02 0.00	34.54 1.13 0.00	38.56 1.21 0.00	37.50 0.37 0.00	42.22 0.46 0.00	40.22 0.06 0.00	50.13 0.22 0.00	58.79 -0.09 0.00	65.75 -0.36 0.00	59.59 -0.02 0.00	38.36 0.45 0.00	34.82 1.24 0.00
ESPRGFLD_115KV_TB1 80157	32.15 2.22 0.00	25.54 1.72 0.00	26.41 1.78 0.00	24.68 1.65 0.00	23.79 1.54 0.00	23.40 1.45 0.00	20.77 1.27 0.00	22.15 1.38 0.00	24.77 1.62 0.00	24.51 1.59 0.00	23.00 1.56 0.00	26.61 1.83 0.00	32.06 2.26 0.24	34.88 2.50 1.04	39.67 2.82 0.50	39.59 2.60 0.14	44.75 3.00 0.00	42.96 2.80 0.00	53.41 3.50 0.00	63.25 4.36 0.00	70.88 4.77 0.00	64.03 4.43 0.00	40.73 2.81 0.00	36.13 2.55 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.79 0.86 0.00	24.42 0.60 0.00	25.19 0.56 0.00	23.52 0.49 0.00	22.69 0.44 0.00	22.37 0.43 0.00	19.87 0.37 0.00	21.20 0.43 0.00	23.57 0.42 0.00	23.31 0.39 0.00	21.86 0.42 0.00	25.29 0.50 0.00	30.71 0.66 0.00	34.17 0.76 0.00	38.22 0.88 0.00	37.83 0.70 0.00	42.60 0.85 0.00	41.17 1.00 0.00	51.42 1.51 0.00	60.62 1.74 0.00	68.09 1.98 0.00	61.29 1.69 0.00	38.97 1.05 0.00	34.56 0.99 0.00
ETNA____115KV_TB2 80207	30.79 0.86 0.00	24.42 0.60 0.00	25.19 0.56 0.00	23.52 0.49 0.00	22.69 0.44 0.00	22.37 0.43 0.00	19.87 0.37 0.00	21.20 0.43 0.00	23.57 0.42 0.00	23.31 0.39 0.00	21.86 0.42 0.00	25.29 0.50 0.00	30.71 0.66 0.00	34.17 0.76 0.00	38.22 0.88 0.00	37.83 0.70 0.00	42.60 0.85 0.00	41.17 1.00 0.00	51.42 1.51 0.00	60.62 1.74 0.00	68.09 1.98 0.00	61.29 1.69 0.00	38.97 1.05 0.00	34.56 0.99 0.00
EUCLID____115KV_TB2 356179	29.83 -0.10 0.00	23.70 -0.12 0.00	24.46 -0.16 0.00	22.85 -0.18 0.00	22.05 -0.21 0.00	21.74 -0.20 0.00	19.29 -0.21 0.00	20.58 -0.20 0.00	22.92 -0.23 0.00	22.67 -0.25 0.00	21.27 -0.17 0.00	24.63 -0.16 0.00	29.84 -0.20 0.00	33.16 -0.25 0.00	37.08 -0.27 0.00	36.73 -0.40 0.00	41.32 -0.43 0.00	39.80 -0.36 0.00	49.55 -0.36 0.00	58.32 -0.56 0.00	65.42 -0.69 0.00	58.94 -0.67 0.00	37.50 -0.42 0.00	33.33 -0.25 0.00
E_CANADA_CAP_HY 24051	32.62 2.69 0.00	25.95 2.12 0.00	26.83 2.21 0.00	25.08 2.05 0.00	24.17 1.92 0.00	23.75 1.81 0.00	21.08 1.58 0.00	22.45 1.68 0.00	25.09 1.94 0.00	24.81 1.88 0.00	23.40 1.78 -0.18	26.86 2.07 0.00	32.26 2.55 0.34	34.80 2.83 1.44	39.78 3.13 0.70	39.93 3.00 0.20	45.24 3.49 0.00	43.43 3.26 0.00	54.07 4.16 0.00	64.23 5.34 0.00	72.04 5.93 0.00	65.11 5.51 0.00	41.40 3.48 0.00	36.68 3.10 0.00
E_CANADA_MHWK_HY 24050	29.47 -0.45 0.00	23.44 -0.38 0.00	24.08 -0.55 0.00	22.52 -0.51 0.00	21.80 -0.46 0.00	21.56 -0.39 0.00	19.19 -0.31 0.00	20.34 -0.43 0.00	22.55 -0.60 0.00	22.39 -0.53 0.00	21.03 -0.42 0.00	24.34 -0.45 0.00	29.53 -0.52 0.00	32.83 -0.58 0.00	36.76 -0.58 0.00	36.81 -0.32 0.00	41.34 -0.41 0.00	40.25 0.09 0.00	50.37 0.46 0.00	59.28 0.40 0.00	66.84 0.73 0.00	59.96 0.35 0.00	37.93 0.01 0.00	33.36 -0.22 0.00
E_FISHKILL____LBMP 23776	31.09 1.16 0.00	24.84 1.02 0.00	25.49 0.86 0.00	23.83 0.80 0.00	23.05 0.80 0.00	22.69 0.75 0.00	20.22 0.71 0.00	21.53 0.76 0.00	24.08 0.93 0.00	23.92 1.00 0.00	23.02 1.13 -0.45	26.13 1.34 0.00	32.17 1.64 -0.48	37.23 1.76 -2.05	40.33 1.99 -0.99	39.50 2.09 -0.28	43.98 2.23 0.00	42.54 2.37 0.00	52.63 2.72 0.00	61.57 2.69 0.00	69.10 2.99 0.00	62.23 2.63 0.00	39.53 1.62 0.00	34.99 1.41 0.00
FALCON____SEABRD_CC1 323796	30.43 0.50 0.00	24.10 0.28 0.00	24.84 0.21 0.00	23.39 0.36 0.00	22.84 0.59 0.00	22.66 0.72 0.00	20.12 0.61 0.00	21.45 0.68 0.00	23.92 0.76 0.00	23.69 0.77 0.00	22.04 0.60 0.00	25.44 0.65 0.00	30.85 0.81 0.00	34.29 0.88 0.00	38.35 1.00 0.00	38.63 1.50 0.00	43.69 1.94 0.00	41.94 1.77 0.00	52.20 2.30 0.00	61.52 2.64 0.00	69.06 2.95 0.00	62.46 2.86 0.00	39.39 1.47 0.00	34.48 0.90 0.00
FALCON____SEABRD_CC2 323797	30.43 0.50 0.00	24.10 0.28 0.00	24.84 0.21 0.00	23.39 0.36 0.00	22.84 0.59 0.00	22.66 0.72 0.00	20.12 0.61 0.00	21.45 0.68 0.00	23.92 0.76 0.00	23.69 0.77 0.00	22.04 0.60 0.00	25.44 0.65 0.00	30.85 0.81 0.00	34.29 0.88 0.00	38.35 1.00 0.00	38.63 1.50 0.00	43.69 1.94 0.00	41.94 1.77 0.00	52.20 2.30 0.00	61.52 2.64 0.00	69.06 2.95 0.00	62.46 2.86 0.00	39.39 1.47 0.00	34.48 0.90 0.00
FAR ROCKAWAY____4 23548	32.27 2.35 0.00	25.75 1.94 0.00	26.36 1.74 0.00	24.52 1.49 0.00	23.67 1.42 0.00	23.30 1.35 0.00	20.74 1.24 0.00	22.15 1.38 0.00	24.85 1.69 0.00	24.54 1.62 0.00	24.67 2.07 -1.16	30.66 2.58 -3.29	37.21 3.03 -4.14	38.73 3.25 -2.07	41.74 3.43 -0.96	40.95 3.55 -0.28	45.67 3.92 0.00	44.34 4.18 0.00	54.47 4.56 0.00	63.52 4.64 0.00	71.41 5.30 0.00	64.41 4.81 0.00	40.98 3.06 0.00	36.66 3.07 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.55 1.62 0.00	25.20 1.38 0.00	25.82 1.19 0.00	24.11 1.08 0.00	23.31 1.06 0.00	22.93 0.99 0.00	20.47 0.97 0.00	21.83 1.06 0.00	24.45 1.30 0.00	24.31 1.39 0.00	24.16 1.56 -1.17	26.68 1.89 0.00	32.80 2.29 -0.47	37.81 2.41 -1.99	41.04 2.73 -0.96	40.21 2.80 -0.27	44.71 2.96 0.00	43.20 3.04 0.00	53.39 3.48 0.00	62.30 3.42 0.00	69.91 3.80 0.00	63.02 3.42 0.00	40.07 2.15 0.00	35.55 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.58 1.65 0.00	25.23 1.40 0.00	25.84 1.21 0.00	24.13 1.11 0.00	23.32 1.07 0.00	22.95 1.01 0.00	20.48 0.98 0.00	21.84 1.07 0.00	24.47 1.32 0.00	24.33 1.40 0.00	24.18 1.58 -1.17	26.69 1.90 0.00	32.83 2.31 -0.47	37.85 2.44 -1.99	41.07 2.76 -0.96	40.25 2.84 -0.27	44.75 3.00 0.00	43.24 3.07 0.00	53.43 3.52 0.00	62.36 3.47 0.00	69.97 3.86 0.00	63.09 3.49 0.00	40.11 2.19 0.00	35.59 2.01 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.54 1.61 0.00	25.19 1.37 0.00	25.80 1.17 0.00	24.09 1.07 0.00	23.29 1.04 0.00	22.93 0.98 0.00	20.45 0.95 0.00	21.81 1.04 0.00	24.44 1.28 0.00	24.30 1.38 0.00	24.15 1.54 -1.17	26.66 1.87 0.00	32.79 2.27 -0.47	37.79 2.39 -1.99	41.01 2.70 -0.96	40.19 2.78 -0.27	44.68 2.93 0.00	43.17 3.00 0.00	53.34 3.43 0.00	62.26 3.37 0.00	69.85 3.74 0.00	62.97 3.37 0.00	40.04 2.12 0.00	35.52 1.94 0.00

FARRAGUT___LBMP 323566	31.51 1.59 0.00	25.16 1.34 0.00	25.78 1.15 0.00	24.08 1.05 0.00	23.28 1.03 0.00	22.90 0.96 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.13 1.52 -1.17	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.35 -1.99	40.97 2.66 -0.96	40.15 2.74 -0.27	44.64 2.88 0.00	43.13 2.96 0.00	53.29 3.38 0.00	62.20 3.31 0.00	69.78 3.67 0.00	62.92 3.32 0.00	40.00 2.09 0.00	35.49 1.91 0.00
FENNER___WINDPWR 24204	30.59 0.66 0.00	24.28 0.46 0.00	25.05 0.42 0.00	23.38 0.35 0.00	22.55 0.30 0.00	22.25 0.31 0.00	19.78 0.27 0.00	21.08 0.31 0.00	23.47 0.32 0.00	23.24 0.32 0.00	21.78 0.34 0.00	25.20 0.40 0.00	30.56 0.51 0.00	34.04 0.62 0.00	38.06 0.72 0.00	37.77 0.64 0.00	42.55 0.80 0.00	41.08 0.92 0.00	51.29 1.38 0.00	60.55 1.67 0.00	68.03 1.92 0.00	61.24 1.63 0.00	38.89 0.97 0.00	34.40 0.82 0.00
FIBERTEK___ENERGY 23856	30.18 0.25 0.00	23.95 0.13 0.00	24.73 0.11 0.00	23.09 0.07 0.00	22.29 0.04 0.00	21.96 0.02 0.00	19.51 0.01 0.00	20.82 0.04 0.00	23.18 0.02 0.00	22.92 0.00 0.00	21.53 0.09 0.00	24.94 0.15 0.00	30.23 0.19 0.00	33.59 0.18 0.00	37.60 0.25 0.00	37.25 0.11 0.00	41.93 0.18 0.00	40.42 0.26 0.00	50.32 0.41 0.00	59.19 0.30 0.00	66.39 0.28 0.00	59.78 0.18 0.00	38.03 0.11 0.00	33.77 0.19 0.00
FITZPATRICK____ 23598	29.34 -0.59 0.00	23.31 -0.51 0.00	24.08 -0.54 0.00	22.50 -0.53 0.00	21.72 -0.54 0.00	21.42 -0.52 0.00	19.02 -0.48 0.00	20.28 -0.49 0.00	22.56 -0.59 0.00	22.31 -0.62 0.00	20.91 -0.53 0.00	24.18 -0.61 0.00	29.29 -0.75 0.00	32.57 -0.84 0.00	36.40 -0.94 0.00	36.08 -1.05 0.00	40.58 -1.17 0.00	39.07 -1.10 0.00	48.61 -1.30 0.00	57.25 -1.64 0.00	64.26 -1.86 0.00	57.92 -1.68 0.00	36.87 -1.05 0.00	32.76 -0.82 0.00
FLOWRFLD_69_KV_BK1 356044	32.35 2.42 0.00	25.84 2.02 0.00	26.48 1.85 0.00	24.55 1.52 0.00	23.66 1.41 0.00	23.31 1.37 0.00	20.76 1.26 0.00	22.19 1.42 0.00	24.87 1.72 0.00	24.66 1.74 0.00	24.51 1.91 -1.16	30.56 2.47 -3.29	37.33 3.14 -4.14	38.94 3.45 -2.07	41.77 3.46 -0.96	40.93 3.51 -0.30	45.46 3.70 -0.01	300.26 4.14 -255.95	280.16 4.40 -225.86	107.75 4.53 -44.33	83.57 5.34 -12.11	76.50 4.79 -12.11	40.79 2.87 0.00	36.51 2.92 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.53 1.60 0.00	25.16 1.34 0.00	25.80 1.17 0.00	24.11 1.08 0.00	23.31 1.05 0.00	22.94 1.00 0.00	20.43 0.93 0.00	21.78 1.00 0.00	24.36 1.21 0.00	24.22 1.30 0.00	22.87 1.43 0.00	26.51 1.72 0.00	32.53 2.12 -0.36	37.28 2.36 -1.52	40.82 2.74 -0.73	40.18 2.84 -0.21	44.89 3.14 0.00	43.41 3.24 0.00	53.76 3.86 0.00	62.86 3.97 0.00	70.46 4.35 0.00	63.39 3.79 0.00	40.24 2.32 0.00	35.57 1.99 0.00
FORT ORANGE____ 23900	30.35 0.42 0.00	24.23 0.41 0.00	24.95 0.32 0.00	23.37 0.34 0.00	22.63 0.37 0.00	22.31 0.37 0.00	19.85 0.35 0.00	21.05 0.28 0.00	23.43 0.28 0.00	23.24 0.32 0.00	22.03 0.32 -0.26	25.15 0.36 0.00	30.01 0.45 0.48	31.89 0.53 2.05	36.93 0.57 0.99	37.64 0.79 0.28	42.57 0.82 0.00	41.29 1.12 0.00	51.30 1.40 0.00	60.36 1.47 0.00	67.85 1.74 0.00	61.02 1.41 0.00	38.74 0.82 0.00	34.14 0.57 0.00
FORT_DRUM_COGEN 23780	30.40 0.48 0.00	24.14 0.31 0.00	24.86 0.23 0.00	23.02 -0.01 0.00	22.13 -0.12 0.00	21.95 0.00 0.00	19.61 0.11 0.00	20.86 0.09 0.00	23.37 0.22 0.00	22.90 -0.02 0.00	21.37 -0.07 0.00	24.62 -0.17 0.00	29.81 -0.24 0.00	33.29 -0.12 0.00	36.97 -0.37 0.00	36.70 -0.43 0.00	41.67 -0.08 0.00	40.40 0.24 0.00	51.06 1.15 0.00	61.31 2.42 0.00	69.50 3.39 0.00	62.09 2.49 0.00	39.32 1.40 0.00	34.60 1.02 0.00
FPL_FAR_ROCK_GT1 24212	32.27 2.35 0.00	25.75 1.94 0.00	26.36 1.73 0.00	24.52 1.49 0.00	23.67 1.42 0.00	23.30 1.35 0.00	20.74 1.24 0.00	22.14 1.37 0.00	24.84 1.69 0.00	24.54 1.62 0.00	24.67 2.07 -1.16	30.67 2.58 -3.29	37.21 3.02 -4.14	38.73 3.25 -2.07	41.74 3.43 -0.96	40.96 3.55 -0.28	45.66 3.91 0.00	44.35 4.18 0.00	54.47 4.56 0.00	63.52 4.64 0.00	71.40 5.29 0.00	64.42 4.81 0.00	40.97 3.06 0.00	36.66 3.07 0.00
FPL_FAR_ROCK_GT2 23815	32.27 2.35 0.00	25.75 1.94 0.00	26.36 1.73 0.00	24.52 1.49 0.00	23.67 1.42 0.00	23.30 1.35 0.00	20.74 1.24 0.00	22.14 1.37 0.00	24.84 1.69 0.00	24.54 1.62 0.00	24.67 2.07 -1.16	30.67 2.58 -3.29	37.21 3.02 -4.14	38.73 3.25 -2.07	41.74 3.43 -0.96	40.96 3.55 -0.28	45.66 3.91 0.00	44.35 4.18 0.00	54.47 4.56 0.00	63.52 4.64 0.00	71.40 5.29 0.00	64.42 4.81 0.00	40.97 3.06 0.00	36.66 3.07 0.00
FRANKLIN_FALL_HYD 24054	30.07 0.14 0.00	23.81 -0.01 0.00	24.61 -0.01 0.00	23.14 0.11 0.00	22.51 0.25 0.00	22.30 0.36 0.00	19.81 0.30 0.00	21.13 0.36 0.00	23.59 0.44 0.00	23.36 0.44 0.00	21.74 0.30 0.00	25.10 0.31 0.00	30.41 0.36 0.00	33.86 0.44 0.00	37.79 0.44 0.00	37.94 0.81 0.00	42.93 1.18 0.00	41.09 0.93 0.00	51.20 1.29 0.00	60.71 1.83 0.00	68.24 2.13 0.00	61.58 1.97 0.00	38.83 0.91 0.00	34.04 0.45 0.00
FREEPORT_EQUS_GT1 23764	32.04 2.12 0.00	25.56 1.74 0.00	26.17 1.54 0.00	24.33 1.30 0.00	23.49 1.23 0.00	23.11 1.17 0.00	20.58 1.07 0.00	21.97 1.20 0.00	24.67 1.52 0.00	24.51 1.59 0.00	24.44 1.85 -1.16	30.42 2.34 -3.29	37.04 2.86 -4.14	38.55 3.07 -2.07	41.43 3.12 -0.96	40.55 3.15 -0.28	45.22 3.46 0.00	43.92 3.76 0.00	53.95 4.04 0.00	62.94 4.06 0.00	70.76 4.65 0.00	63.81 4.21 0.00	40.64 2.72 0.00	36.33 2.74 0.00
FREEPORT___CT2 23818	32.04 2.12 0.00	25.56 1.74 0.00	26.17 1.54 0.00	24.33 1.30 0.00	23.49 1.23 0.00	23.11 1.17 0.00	20.58 1.07 0.00	21.97 1.20 0.00	24.67 1.52 0.00	24.51 1.59 0.00	24.44 1.85 -1.16	30.42 2.34 -3.29	37.04 2.86 -4.14	38.55 3.07 -2.07	41.43 3.12 -0.96	40.55 3.15 -0.28	45.22 3.46 0.00	43.92 3.76 0.00	53.95 4.04 0.00	62.94 4.06 0.00	70.76 4.65 0.00	63.81 4.21 0.00	40.64 2.72 0.00	36.33 2.74 0.00
FRESHKLS_33_KV_LOAD 356253	31.55 1.62 0.00	25.25 1.43 0.00	25.85 1.23 0.00	24.15 1.13 0.00	23.34 1.09 0.00	22.97 1.02 0.00	20.49 0.99 0.00	21.83 1.06 0.00	24.45 1.29 0.00	24.31 1.39 0.00	24.18 1.58 -1.16	26.73 1.94 0.00	32.75 2.24 -0.47	37.54 2.33 -1.80	41.20 2.89 -0.96	40.36 2.96 -0.27	44.70 2.95 0.00	43.15 2.99 0.00	53.33 3.43 0.00	62.28 3.39 0.00	69.88 3.77 0.00	62.97 3.37 0.00	37.40 2.04 2.56	33.06 1.81 2.32
FULTON COGEN____ 23766	29.82 -0.11 0.00	23.69 -0.13 0.00	24.45 -0.18 0.00	22.84 -0.19 0.00	22.02 -0.23 0.00	21.73 -0.21 0.00	19.29 -0.21 0.00	20.57 -0.20 0.00	22.90 -0.25 0.00	22.64 -0.28 0.00	21.22 -0.22 0.00	24.55 -0.24 0.00	29.74 -0.30 0.00	33.07 -0.34 0.00	36.95 -0.40 0.00	36.59 -0.54 0.00	41.14 -0.61 0.00	39.67 -0.49 0.00	49.43 -0.48 0.00	58.20 -0.68 0.00	65.33 -0.78 0.00	58.85 -0.75 0.00	37.47 -0.45 0.00	33.29 -0.29 0.00

FULTON___LFGE 323630	33.44 3.51 0.00	26.55 2.73 0.00	27.37 2.74 0.00	25.57 2.54 0.00	24.65 2.40 0.00	24.28 2.33 0.00	21.45 1.94 0.00	22.44 1.67 0.00	24.98 1.83 0.00	24.67 1.75 0.00	23.21 1.56 -0.21	26.57 1.78 0.00	31.91 2.24 0.38	34.36 2.56 1.61	39.43 2.87 0.78	40.31 3.40 0.22	45.61 3.86 0.00	44.39 4.23 0.00	56.08 6.18 0.00	67.40 8.52 0.00	75.53 9.42 0.00	67.90 8.30 0.00	42.94 5.02 0.00	37.83 4.25 0.00
G.F.CEMENT___DRP 24184	31.19 1.27 0.00	24.87 1.05 0.00	25.55 0.92 0.00	23.90 0.88 0.00	23.14 0.88 0.00	22.81 0.87 0.00	20.29 0.79 0.00	21.55 0.77 0.00	23.89 0.74 0.00	23.73 0.81 0.00	22.33 0.63 -0.26	25.61 0.81 0.00	30.54 1.05 0.56	32.39 1.38 2.40	37.69 1.50 1.16	38.66 1.86 0.33	43.99 2.24 0.00	42.77 2.61 0.00	53.54 3.63 0.00	62.95 4.07 0.00	70.67 4.55 0.00	63.31 3.70 0.00	40.16 2.24 0.00	35.32 1.74 0.00
GARDENVILLE___LBMP 24039	31.21 1.28 0.00	24.62 0.80 0.00	25.44 0.82 0.00	23.69 0.67 0.00	22.74 0.49 0.00	22.40 0.45 0.00	19.67 0.17 0.00	21.12 0.35 0.00	23.66 0.51 0.00	23.49 0.57 0.00	22.05 0.62 0.00	25.58 0.79 0.00	30.98 0.93 0.00	34.44 1.03 0.00	38.44 1.10 0.00	37.38 0.25 0.00	42.08 0.33 0.00	40.08 -0.08 0.00	49.93 0.02 0.00	58.56 -0.32 0.00	65.49 -0.62 0.00	59.38 -0.22 0.00	38.22 0.30 0.00	34.69 1.11 0.00
GARDNVLA_35_KV_LD 355827	31.34 1.41 0.00	24.71 0.89 0.00	25.54 0.91 0.00	23.78 0.76 0.00	22.82 0.57 0.00	22.48 0.53 0.00	19.73 0.22 0.00	21.19 0.41 0.00	23.74 0.59 0.00	23.57 0.65 0.00	22.15 0.70 0.00	25.70 0.91 0.00	31.14 1.09 0.00	34.61 1.20 0.00	38.64 1.30 0.00	37.59 0.46 0.00	42.32 0.57 0.00	40.32 0.16 0.00	50.24 0.34 0.00	58.92 0.03 0.00	65.87 -0.24 0.00	59.69 0.08 0.00	38.42 0.50 0.00	34.86 1.28 0.00
GELCKHM___115KV_LOAD 80723	29.95 0.02 0.00	23.78 -0.04 0.00	24.55 -0.07 0.00	22.93 -0.10 0.00	22.13 -0.12 0.00	21.82 -0.13 0.00	19.37 -0.13 0.00	20.66 -0.12 0.00	23.01 -0.14 0.00	22.76 -0.16 0.00	21.36 -0.08 0.00	24.73 -0.06 0.00	29.98 -0.07 0.00	33.32 -0.09 0.00	37.27 -0.07 0.00	36.92 -0.21 0.00	41.55 -0.20 0.00	40.04 -0.13 0.00	49.85 -0.06 0.00	58.65 -0.24 0.00	65.79 -0.32 0.00	59.24 -0.36 0.00	37.69 -0.22 0.00	33.49 -0.09 0.00
GENERAL___MILLS 23808	31.28 1.35 0.00	24.67 0.85 0.00	25.49 0.86 0.00	23.75 0.72 0.00	22.79 0.54 0.00	22.45 0.50 0.00	19.70 0.20 0.00	21.15 0.38 0.00	23.71 0.55 0.00	23.54 0.61 0.00	22.10 0.66 0.00	25.64 0.84 0.00	31.05 1.01 0.00	34.53 1.12 0.00	38.53 1.19 0.00	37.47 0.34 0.00	42.19 0.44 0.00	40.19 0.03 0.00	50.08 0.17 0.00	58.74 -0.14 0.00	65.68 -0.43 0.00	59.55 -0.05 0.00	38.33 0.41 0.00	34.79 1.21 0.00
GE_PLASTICS___DRP 24183	30.34 0.41 0.00	24.23 0.41 0.00	24.96 0.34 0.00	23.39 0.36 0.00	22.64 0.39 0.00	22.32 0.38 0.00	19.86 0.35 0.00	21.08 0.30 0.00	23.47 0.32 0.00	23.28 0.36 0.00	22.08 0.38 -0.26	25.21 0.42 0.00	30.16 0.51 0.39	32.33 0.59 1.67	37.16 0.63 0.81	37.68 0.78 0.23	42.54 0.79 0.00	41.19 1.03 0.00	51.12 1.22 0.00	60.10 1.22 0.00	67.55 1.44 0.00	60.79 1.19 0.00	38.62 0.70 0.00	34.10 0.52 0.00
GILBOA___1 23756	30.55 0.62 0.00	24.39 0.56 0.00	25.19 0.57 0.00	23.65 0.62 0.00	22.87 0.62 0.00	22.54 0.60 0.00	20.05 0.54 0.00	21.26 0.49 0.00	23.69 0.54 0.00	23.44 0.52 0.00	22.17 0.57 -0.17	25.44 0.65 0.00	30.84 0.80 0.00	34.29 0.88 0.00	38.33 0.99 0.00	38.14 1.01 0.00	42.74 0.99 0.00	41.26 1.09 0.00	51.13 1.22 0.00	60.02 1.14 0.00	67.45 1.34 0.00	60.94 1.34 0.00	38.79 0.88 0.00	34.32 0.74 0.00
GILBOA___2 23757	30.55 0.62 0.00	24.39 0.56 0.00	25.19 0.57 0.00	23.65 0.62 0.00	22.87 0.62 0.00	22.54 0.60 0.00	20.05 0.54 0.00	21.26 0.49 0.00	23.69 0.54 0.00	23.44 0.52 0.00	22.17 0.57 -0.17	25.44 0.65 0.00	30.84 0.80 0.00	34.29 0.88 0.00	38.33 0.99 0.00	38.14 1.01 0.00	42.74 0.99 0.00	41.26 1.09 0.00	51.13 1.22 0.00	60.02 1.14 0.00	67.45 1.34 0.00	60.94 1.34 0.00	38.79 0.88 0.00	34.32 0.74 0.00
GILBOA___3 23758	30.55 0.62 0.00	24.39 0.56 0.00	25.19 0.57 0.00	23.65 0.62 0.00	22.87 0.62 0.00	22.54 0.60 0.00	20.05 0.54 0.00	21.26 0.49 0.00	23.69 0.54 0.00	23.44 0.52 0.00	22.17 0.57 -0.17	25.44 0.65 0.00	30.84 0.80 0.00	34.29 0.88 0.00	38.33 0.99 0.00	38.14 1.01 0.00	42.74 0.99 0.00	41.26 1.09 0.00	51.13 1.22 0.00	60.02 1.14 0.00	67.45 1.34 0.00	60.94 1.34 0.00	38.79 0.88 0.00	34.32 0.74 0.00
GILBOA___4 23759	30.55 0.62 0.00	24.39 0.56 0.00	25.19 0.57 0.00	23.65 0.62 0.00	22.87 0.62 0.00	22.54 0.60 0.00	20.05 0.54 0.00	21.26 0.49 0.00	23.69 0.54 0.00	23.44 0.52 0.00	22.17 0.57 -0.17	25.44 0.65 0.00	30.84 0.80 0.00	34.29 0.88 0.00	38.33 0.99 0.00	38.14 1.01 0.00	42.74 0.99 0.00	41.26 1.09 0.00	51.13 1.22 0.00	60.02 1.14 0.00	67.45 1.34 0.00	60.94 1.34 0.00	38.79 0.88 0.00	34.32 0.74 0.00
GILBOA___ 23599	30.55 0.62 0.00	24.38 0.56 0.00	25.19 0.57 0.00	23.65 0.62 0.00	22.87 0.62 0.00	22.54 0.60 0.00	20.05 0.54 0.00	21.26 0.49 0.00	23.69 0.54 0.00	23.44 0.52 0.00	22.18 0.57 -0.17	25.44 0.65 0.00	30.84 0.80 0.00	34.29 0.88 0.00	38.33 0.99 0.00	38.15 1.01 0.00	42.74 0.99 0.00	41.26 1.09 0.00	51.13 1.22 0.00	60.02 1.14 0.00	67.45 1.34 0.00	60.94 1.34 0.00	38.79 0.88 0.00	34.32 0.74 0.00
GINNA___ 23603	30.35 0.42 0.00	24.02 0.20 0.00	24.80 0.17 0.00	23.12 0.09 0.00	22.25 0.00 0.00	21.92 -0.02 0.00	19.35 -0.15 0.00	20.70 -0.07 0.00	23.12 -0.03 0.00	22.95 0.03 0.00	21.55 0.11 0.00	25.02 0.22 0.00	30.35 0.30 0.00	33.77 0.36 0.00	37.78 0.43 0.00	37.10 -0.03 0.00	41.73 -0.03 0.00	40.07 -0.10 0.00	49.88 -0.02 0.00	58.59 -0.29 0.00	65.51 -0.60 0.00	59.16 -0.44 0.00	37.76 -0.15 0.00	33.86 0.28 0.00
GLEN PARK___ 23778	30.63 0.70 0.00	24.30 0.48 0.00	25.02 0.39 0.00	23.17 0.14 0.00	22.28 0.03 0.00	22.09 0.15 0.00	19.74 0.23 0.00	20.99 0.21 0.00	23.50 0.35 0.00	23.00 0.08 0.00	21.49 0.05 0.00	24.76 -0.02 0.00	29.95 -0.09 0.00	33.48 0.06 0.00	37.19 -0.15 0.00	36.92 -0.21 0.00	41.94 0.19 0.00	40.62 0.46 0.00	51.39 1.48 0.00	61.80 2.91 0.00	70.12 4.01 0.00	62.48 2.88 0.00	39.56 1.64 0.00	34.79 1.21 0.00
GLENDALE_27_KV_LOAD 356172	31.73 1.80 0.00	25.33 1.51 0.00	25.95 1.32 0.00	24.23 1.20 0.00	23.42 1.17 0.00	23.04 1.09 0.00	20.56 1.06 0.00	21.92 1.15 0.00	24.56 1.41 0.00	24.43 1.51 0.00	24.27 1.66 -1.16	26.82 2.03 0.00	32.97 2.46 -0.47	38.00 2.60 -1.99	41.23 2.92 -0.96	40.40 2.99 -0.27	44.84 3.10 0.00	43.31 3.14 0.00	53.51 3.60 0.00	62.47 3.59 0.00	70.10 3.99 0.00	63.24 3.64 0.00	40.25 2.33 0.00	35.72 2.14 0.00

GLENWOOD_IC_1_G5 23712	31.77 1.84 0.00	25.36 1.54 0.00	25.98 1.35 0.00	24.20 1.17 0.00	23.39 1.13 0.00	23.02 1.08 0.00	20.51 1.00 0.00	21.89 1.12 0.00	24.54 1.38 0.00	24.40 1.48 0.00	24.31 1.71 -1.16	30.20 2.12 -3.29	36.78 2.60 -4.14	38.29 2.80 -2.07	41.34 3.03 -0.96	40.51 3.10 -0.28	44.86 3.11 0.00	43.46 3.29 0.00	53.52 3.61 0.00	62.46 3.58 0.00	70.26 4.15 0.00	63.61 4.00 0.00	40.38 2.46 0.00	35.91 2.32 0.00
GLENWOOD_IC_2_G1 23688	31.61 1.68 0.00	25.23 1.41 0.00	25.86 1.23 0.00	24.11 1.08 0.00	23.30 1.05 0.00	22.93 0.99 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.43 1.27 0.00	24.28 1.36 0.00	24.17 1.57 -1.16	30.01 1.93 -3.29	36.54 2.36 -4.14	38.01 2.52 -2.07	41.06 2.75 -0.96	40.24 2.83 -0.28	44.77 3.02 0.00	43.35 3.18 0.00	53.44 3.54 0.00	62.41 3.53 0.00	70.11 4.00 0.00	63.21 3.60 0.00	40.14 2.22 0.00	35.83 2.25 -0.01
GLENWOOD_IC_3_G1 23689	31.61 1.68 0.00	25.23 1.41 0.00	25.86 1.23 0.00	24.11 1.08 0.00	23.30 1.05 0.00	22.93 0.99 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.43 1.27 0.00	24.28 1.36 0.00	24.17 1.57 -1.16	30.01 1.93 -3.29	36.54 2.36 -4.14	38.01 2.52 -2.07	41.06 2.75 -0.96	40.24 2.83 -0.28	44.77 3.02 0.00	43.35 3.18 0.00	53.44 3.54 0.00	62.41 3.53 0.00	70.11 4.00 0.00	63.21 3.60 0.00	40.14 2.22 0.00	35.83 2.25 -0.01
GLENWOOD___4 23550	31.77 1.84 0.00	25.36 1.54 0.00	25.98 1.35 0.00	24.20 1.17 0.00	23.39 1.13 0.00	23.02 1.08 0.00	20.51 1.00 0.00	21.89 1.12 0.00	24.54 1.38 0.00	24.40 1.48 0.00	24.31 1.71 -1.16	30.20 2.12 -3.29	36.78 2.60 -4.14	38.29 2.80 -2.07	41.34 3.03 -0.96	40.52 3.11 -0.28	44.96 3.21 0.00	43.56 3.40 0.00	53.64 3.74 0.00	62.61 3.73 0.00	70.39 4.28 0.00	63.61 4.00 0.00	40.38 2.46 0.00	35.91 2.32 0.00
GLENWOOD___5 23614	31.77 1.84 0.00	25.36 1.54 0.00	25.98 1.35 0.00	24.20 1.17 0.00	23.39 1.13 0.00	23.02 1.08 0.00	20.51 1.00 0.00	21.89 1.12 0.00	24.54 1.38 0.00	24.40 1.48 0.00	24.31 1.71 -1.16	30.20 2.12 -3.29	36.78 2.60 -4.14	38.29 2.80 -2.07	41.34 3.03 -0.96	40.52 3.11 -0.28	44.96 3.21 0.00	43.56 3.40 0.00	53.64 3.74 0.00	62.61 3.73 0.00	70.39 4.28 0.00	63.61 4.00 0.00	40.38 2.46 0.00	35.91 2.32 0.00
GLOBAL GREEN_PORT_GT1 23814	33.85 3.92 0.00	26.95 3.13 0.00	27.62 3.00 0.00	25.56 2.53 0.00	24.60 2.35 0.00	24.28 2.33 0.00	21.61 2.10 0.00	23.15 2.38 0.00	26.05 2.90 0.00	25.86 2.94 0.00	25.51 2.91 -1.16	31.78 3.70 -3.29	38.96 4.78 -4.14	40.82 5.33 -2.07	43.98 5.67 -0.96	43.15 5.73 -0.29	48.12 6.36 -0.01	239.35 6.62 -192.57	227.32 7.49 -169.92	100.41 8.17 -33.36	84.42 9.19 -9.11	76.55 7.84 -9.11	42.57 4.65 0.00	38.05 4.46 -0.01
GLOBE___DSASP 323697	30.51 0.58 0.00	24.09 0.27 0.00	24.94 0.31 0.00	23.24 0.22 0.00	22.32 0.06 0.00	21.96 0.02 0.00	19.34 -0.16 0.00	20.67 -0.11 0.00	23.08 -0.07 0.00	22.90 -0.02 0.00	21.45 0.01 0.00	24.88 0.09 0.00	30.04 -0.01 0.00	33.39 -0.03 0.00	37.14 -0.21 0.00	35.98 -1.16 0.00	40.23 -1.52 0.00	38.27 -1.90 0.00	47.63 -2.28 0.00	55.87 -3.01 0.00	62.49 -3.62 0.00	56.88 -2.72 0.00	36.85 -1.07 0.00	33.79 0.21 0.00
GOETHSLN___LBMP 323567	31.34 1.41 0.00	25.04 1.22 0.00	25.65 1.02 0.00	23.95 0.92 0.00	23.15 0.90 0.00	22.78 0.83 0.00	20.33 0.82 0.00	21.67 0.90 0.00	24.28 1.13 0.00	24.14 1.22 0.00	24.01 1.40 -1.17	26.50 1.70 0.00	32.58 2.07 -0.47	37.35 2.14 -1.80	40.74 2.43 -0.96	39.90 2.49 -0.27	44.39 2.65 0.00	42.88 2.72 0.00	53.00 3.10 0.00	61.85 2.97 0.00	69.36 3.25 0.00	62.52 2.92 0.00	37.19 1.83 2.56	32.95 1.70 2.32
GOLAH___69_KV_TB 1_2 80279	31.36 1.43 0.00	24.77 0.95 0.00	25.60 0.97 0.00	23.89 0.86 0.00	22.97 0.72 0.00	22.61 0.67 0.00	19.87 0.37 0.00	21.26 0.49 0.00	23.75 0.60 0.00	23.57 0.65 0.00	22.11 0.67 0.00	25.68 0.89 0.00	31.18 1.13 0.00	34.69 1.28 0.00	38.81 1.46 0.00	37.95 0.82 0.00	42.69 0.94 0.00	40.97 0.80 0.00	51.07 1.16 0.00	59.89 1.00 0.00	67.01 0.91 0.00	60.61 1.01 0.00	38.78 0.86 0.00	34.91 1.33 0.00
GOODYEAR_LAKE_HYD 323669	31.32 1.40 0.00	24.90 1.08 0.00	25.70 1.08 0.00	24.04 1.01 0.00	23.21 0.95 0.00	22.86 0.92 0.00	20.31 0.81 0.00	21.64 0.87 0.00	24.18 1.03 0.00	23.96 1.04 0.00	22.52 1.08 0.00	26.06 1.27 0.00	31.62 1.58 0.00	35.16 1.74 0.00	39.35 2.00 0.00	39.00 1.87 0.00	43.86 2.10 0.00	42.24 2.07 0.00	52.46 2.55 0.00	61.81 2.92 0.00	69.30 3.18 0.00	62.51 2.91 0.00	39.75 1.83 0.00	35.22 1.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.51 0.59 0.00	24.21 0.39 0.00	24.97 0.34 0.00	23.32 0.29 0.00	22.49 0.24 0.00	22.21 0.26 0.00	19.70 0.20 0.00	21.03 0.26 0.00	23.46 0.30 0.00	23.21 0.29 0.00	21.83 0.39 0.00	25.23 0.44 0.00	30.66 0.61 0.00	34.05 0.63 0.00	38.18 0.84 0.00	37.75 0.62 0.00	42.41 0.66 0.00	40.80 0.63 0.00	50.79 0.89 0.00	59.68 0.80 0.00	66.97 0.85 0.00	60.34 0.74 0.00	38.44 0.52 0.00	34.18 0.60 0.00
GOUDEY___7 23579	30.54 0.62 0.00	24.23 0.41 0.00	24.99 0.36 0.00	23.34 0.31 0.00	22.50 0.25 0.00	22.23 0.28 0.00	19.72 0.22 0.00	21.05 0.28 0.00	23.48 0.33 0.00	23.24 0.31 0.00	21.86 0.42 0.00	25.26 0.47 0.00	30.69 0.64 0.00	34.08 0.67 0.00	38.22 0.88 0.00	37.79 0.66 0.00	42.46 0.70 0.00	40.85 0.69 0.00	50.85 0.94 0.00	59.77 0.89 0.00	67.05 0.94 0.00	60.41 0.81 0.00	38.48 0.56 0.00	34.21 0.63 0.00
GOUDEY___8 23580	30.51 0.59 0.00	24.21 0.39 0.00	24.97 0.34 0.00	23.32 0.29 0.00	22.49 0.24 0.00	22.21 0.26 0.00	19.70 0.20 0.00	21.03 0.26 0.00	23.46 0.30 0.00	23.21 0.29 0.00	21.83 0.39 0.00	25.23 0.44 0.00	30.66 0.61 0.00	34.05 0.63 0.00	38.18 0.84 0.00	37.75 0.62 0.00	42.41 0.66 0.00	40.80 0.63 0.00	50.79 0.89 0.00	59.68 0.80 0.00	66.97 0.85 0.00	60.34 0.74 0.00	38.44 0.52 0.00	34.18 0.60 0.00
GOWANUS_GT1_1 24077	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT1_2 24078	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00

GOWANUS_GT1_3 24079	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT1_4 24080	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT1_5 24084	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT1_6 24111	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT1_7 24112	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT1_8 24113	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT2_1 24114	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT2_2 24115	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT2_3 24116	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT2_4 24117	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT2_5 24118	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT2_6 24119	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT2_7 24120	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT2_8 24121	31.67 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.88 1.11 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.80 2.01 0.00	32.91 2.40 -0.47	37.94 2.54 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.84 3.08 0.00	43.29 3.12 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT3_1 24122	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00

GOWANUS_GT3_2 24123	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT3_3 24124	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT3_4 24125	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT3_5 24126	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT3_6 24127	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT3_7 24128	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT3_8 24129	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GOWANUS_GT4_1 24130	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT4_2 24131	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT4_3 24132	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT4_4 24133	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT4_5 24134	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT4_6 24135	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT4_7 24136	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00
GOWANUS_GT4_8 24137	31.66 1.74 0.00	25.30 1.49 0.00	25.91 1.28 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.53 1.03 0.00	21.89 1.12 0.00	24.52 1.37 0.00	24.39 1.47 0.00	24.25 1.64 -1.16	26.81 2.01 0.00	32.92 2.40 -0.47	37.94 2.53 -1.99	41.24 2.93 -0.96	40.41 3.00 -0.27	44.83 3.08 0.00	43.29 3.13 0.00	53.47 3.57 0.00	62.43 3.55 0.00	70.04 3.93 0.00	63.17 3.56 0.00	40.17 2.25 0.00	35.61 2.03 0.00

GREENBSH_115KV_TB3 55895	30.17 0.24 0.00	24.10 0.28 0.00	24.82 0.19 0.00	23.25 0.22 0.00	22.52 0.26 0.00	22.20 0.25 0.00	19.75 0.24 0.00	20.95 0.18 0.00	23.33 0.17 0.00	23.15 0.22 0.00	21.95 0.25 -0.27	25.06 0.27 0.00	29.86 0.32 0.51	31.64 0.40 2.17	36.70 0.40 1.05	37.43 0.60 0.30	42.34 0.59 0.00	41.04 0.87 0.00	50.95 1.05 0.00	59.89 1.01 0.00	67.32 1.20 0.00	60.53 0.92 0.00	38.45 0.53 0.00	33.91 0.33 0.00
GREENDGE_115KV_TB5 80291	30.85 0.92 0.00	24.58 0.76 0.00	25.32 0.69 0.00	23.61 0.58 0.00	22.72 0.47 0.00	22.43 0.48 0.00	19.85 0.34 0.00	21.24 0.47 0.00	23.70 0.55 0.00	23.44 0.52 0.00	22.01 0.57 0.00	25.48 0.69 0.00	30.75 0.70 0.00	34.18 0.77 0.00	38.33 0.98 0.00	37.81 0.68 0.00	42.57 0.82 0.00	41.00 0.84 0.00	51.24 1.33 0.00	60.30 1.41 0.00	67.55 1.44 0.00	60.78 1.18 0.00	38.72 0.80 0.00	34.51 0.93 0.00
GREENIDGE___3 23582	30.85 0.92 0.00	24.58 0.76 0.00	25.32 0.69 0.00	23.61 0.58 0.00	22.72 0.47 0.00	22.43 0.48 0.00	19.85 0.34 0.00	21.24 0.47 0.00	23.70 0.55 0.00	23.44 0.52 0.00	22.01 0.57 0.00	25.48 0.69 0.00	30.75 0.70 0.00	34.18 0.77 0.00	38.33 0.98 0.00	37.81 0.68 0.00	42.57 0.82 0.00	41.00 0.84 0.00	51.24 1.33 0.00	60.30 1.41 0.00	67.55 1.44 0.00	60.78 1.18 0.00	38.72 0.80 0.00	34.51 0.93 0.00
GREENIDGE___4 23583	30.85 0.92 0.00	24.58 0.76 0.00	25.32 0.69 0.00	23.61 0.58 0.00	22.72 0.47 0.00	22.43 0.48 0.00	19.85 0.34 0.00	21.25 0.48 0.00	23.70 0.55 0.00	23.44 0.52 0.00	22.01 0.57 0.00	25.49 0.70 0.00	30.75 0.70 0.00	34.18 0.77 0.00	38.33 0.98 0.00	37.81 0.67 0.00	42.57 0.82 0.00	41.00 0.84 0.00	51.24 1.33 0.00	60.29 1.41 0.00	67.55 1.43 0.00	60.78 1.18 0.00	38.72 0.80 0.00	34.51 0.93 0.00
GREENLWN_69_KV_BK 3 55738	31.84 1.91 0.00	25.44 1.62 0.00	26.05 1.42 0.00	24.20 1.17 0.00	23.36 1.10 0.00	22.98 1.04 0.00	20.47 0.97 0.00	21.86 1.08 0.00	24.50 1.34 0.00	24.34 1.42 0.00	24.26 1.66 -1.16	30.22 2.14 -3.29	36.85 2.67 -4.14	38.32 2.84 -2.07	41.00 2.69 -0.96	40.15 2.75 -0.27	44.72 2.97 0.00	1.12 3.50 42.55	15.91 3.54 37.54	54.90 3.39 7.37	68.12 4.03 2.01	61.13 3.54 2.01	40.06 2.14 0.00	35.94 2.35 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00
GRISSOM___SOLAR 323813	33.44 3.51 0.00	26.55 2.73 0.00	27.37 2.74 0.00	25.57 2.54 0.00	24.65 2.40 0.00	24.28 2.33 0.00	21.45 1.94 0.00	22.44 1.67 0.00	24.98 1.83 0.00	24.67 1.75 0.00	23.21 1.56 -0.21	26.57 1.78 0.00	31.91 2.24 0.38	34.36 2.56 1.61	39.43 2.87 0.78	40.31 3.40 0.22	45.61 3.86 0.00	44.39 4.23 0.00	56.08 6.18 0.00	67.40 8.52 0.00	75.53 9.42 0.00	67.90 8.30 0.00	42.94 5.02 0.00	37.83 4.25 0.00
GROVEVILLE___HYD 323602	31.53 1.60 0.00	25.16 1.34 0.00	25.80 1.17 0.00	24.11 1.08 0.00	23.31 1.05 0.00	22.94 1.00 0.00	20.43 0.93 0.00	21.78 1.00 0.00	24.36 1.21 0.00	24.22 1.30 0.00	22.87 1.43 0.00	26.51 1.72 0.00	32.53 2.12 -0.36	37.28 2.36 -1.52	40.82 2.74 -0.73	40.18 2.84 -0.21	44.89 3.14 0.00	43.41 3.24 0.00	53.76 3.86 0.00	62.86 3.97 0.00	70.46 4.35 0.00	63.39 3.79 0.00	40.24 2.32 0.00	35.57 1.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.18 0.25 0.00	23.95 0.13 0.00	24.73 0.11 0.00	23.09 0.07 0.00	22.29 0.04 0.00	21.96 0.02 0.00	19.51 0.01 0.00	20.82 0.04 0.00	23.18 0.02 0.00	22.92 0.00 0.00	21.53 0.09 0.00	24.94 0.15 0.00	30.23 0.19 0.00	33.59 0.18 0.00	37.60 0.25 0.00	37.25 0.11 0.00	41.93 0.18 0.00	40.42 0.26 0.00	50.32 0.41 0.00	59.19 0.30 0.00	66.39 0.28 0.00	59.78 0.18 0.00	38.03 0.11 0.00	33.77 0.19 0.00
HAMLTNNY_34_KV_TB 80303	30.31 0.38 0.00	24.03 0.21 0.00	24.81 0.18 0.00	23.18 0.15 0.00	22.36 0.11 0.00	22.02 0.08 0.00	19.57 0.07 0.00	20.90 0.12 0.00	23.25 0.10 0.00	22.99 0.07 0.00	21.61 0.17 0.00	25.05 0.25 0.00	30.36 0.31 0.00	33.72 0.31 0.00	37.79 0.45 0.00	37.40 0.27 0.00	42.13 0.37 0.00	40.61 0.44 0.00	50.53 0.62 0.00	59.42 0.53 0.00	66.64 0.53 0.00	60.03 0.43 0.00	38.20 0.28 0.00	33.93 0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	29.64 -0.28 0.00	23.53 -0.29 0.00	24.33 -0.30 0.00	22.63 -0.40 0.00	21.81 -0.44 0.00	21.60 -0.35 0.00	19.25 -0.25 0.00	20.51 -0.26 0.00	22.91 -0.24 0.00	22.59 -0.33 0.00	21.02 -0.42 0.00	24.25 -0.54 0.00	29.40 -0.64 0.00	32.77 -0.64 0.00	36.50 -0.84 0.00	36.36 -0.77 0.00	41.13 -0.62 0.00	39.69 -0.48 0.00	49.72 -0.18 0.00	59.39 0.51 0.00	67.02 0.91 0.00	60.29 0.68 0.00	38.23 0.31 0.00	33.65 0.07 0.00
HARDSCRABBLE_WT_PWR 323673	29.65 -0.28 0.00	23.59 -0.23 0.00	24.27 -0.36 0.00	22.69 -0.34 0.00	21.95 -0.31 0.00	21.70 -0.24 0.00	19.30 -0.20 0.00	20.49 -0.28 0.00	22.74 -0.41 0.00	22.57 -0.35 0.00	21.19 -0.25 0.00	24.53 -0.26 0.00	29.75 -0.30 0.00	33.08 -0.34 0.00	37.02 -0.32 0.00	37.01 -0.12 0.00	41.57 -0.19 0.00	40.36 0.20 0.00	50.44 0.54 0.00	59.42 0.54 0.00	66.94 0.83 0.00	60.11 0.51 0.00	38.06 0.14 0.00	33.53 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.36 1.43 0.00	25.00 1.18 0.00	25.64 1.01 0.00	23.95 0.92 0.00	23.15 0.90 0.00	22.78 0.83 0.00	20.30 0.80 0.00	21.63 0.86 0.00	24.23 1.07 0.00	24.08 1.16 0.00	21.60 1.32 1.16	26.39 1.60 0.00	32.45 2.00 -0.39	37.33 2.24 -1.68	40.76 2.60 -0.81	40.05 2.68 -0.23	44.71 2.96 0.00	43.15 2.98 0.00	53.41 3.50 0.00	62.44 3.56 0.00	70.00 3.89 0.00	62.99 3.38 0.00	39.95 2.04 0.00	35.37 1.79 0.00
HARSNRAD_115KV_TB1 81005	30.98 1.05 0.00	24.45 0.62 0.00	25.29 0.66 0.00	23.56 0.53 0.00	22.61 0.36 0.00	22.24 0.30 0.00	19.50 0.00 0.00	20.92 0.15 0.00	23.42 0.27 0.00	23.24 0.32 0.00	21.79 0.35 0.00	25.28 0.49 0.00	30.57 0.53 0.00	34.01 0.60 0.00	37.86 0.52 0.00	36.72 -0.41 0.00	41.31 -0.44 0.00	39.37 -0.80 0.00	49.04 -0.87 0.00	57.53 -1.35 0.00	64.35 -1.76 0.00	58.46 -1.15 0.00	37.72 -0.20 0.00	34.38 0.80 0.00
HARZA MOOSE___RIVER 24016	30.39 0.46 0.00	24.12 0.30 0.00	24.90 0.27 0.00	23.12 0.09 0.00	22.25 0.00 0.00	22.02 0.07 0.00	19.65 0.15 0.00	20.93 0.16 0.00	23.39 0.24 0.00	23.09 0.17 0.00	21.55 0.11 0.00	24.87 0.08 0.00	30.20 0.16 0.00	33.66 0.24 0.00	37.52 0.17 0.00	37.23 0.09 0.00	42.07 0.32 0.00	40.82 0.65 0.00	51.19 1.28 0.00	60.84 1.95 0.00	68.58 2.47 0.00	61.66 2.06 0.00	39.11 1.19 0.00	34.50 0.92 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	29.98 0.05 0.00	23.81 -0.01 0.00	24.58 -0.05 0.00	22.96 -0.07 0.00	22.15 -0.10 0.00	21.84 -0.10 0.00	19.39 -0.11 0.00	20.68 -0.09 0.00	23.03 -0.12 0.00	22.79 -0.13 0.00	21.39 -0.05 0.00	24.76 -0.04 0.00	30.02 -0.03 0.00	33.33 -0.08 0.00	37.27 -0.08 0.00	36.92 -0.21 0.00	41.53 -0.22 0.00	40.02 -0.14 0.00	49.84 -0.07 0.00	58.63 -0.26 0.00	65.74 -0.37 0.00	59.20 -0.40 0.00	37.67 -0.25 0.00	33.48 -0.10 0.00
HELLGATE_13_KV_LD 55870	31.55 1.63 0.00	25.21 1.38 0.00	25.83 1.20 0.00	24.12 1.10 0.00	23.31 1.06 0.00	22.94 1.00 0.00	20.47 0.97 0.00	21.82 1.05 0.00	24.45 1.29 0.00	24.31 1.38 0.00	24.14 1.54 -1.16	26.67 1.88 0.00	32.78 2.27 -0.47	37.78 2.38 -1.99	40.98 2.67 -0.96	40.14 2.74 -0.27	44.57 2.82 0.00	43.05 2.89 0.00	53.20 3.29 0.00	62.11 3.23 0.00	69.70 3.59 0.00	62.85 3.25 0.00	40.02 2.10 0.00	35.52 1.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.55 1.63 0.00	25.21 1.38 0.00	25.83 1.20 0.00	24.12 1.10 0.00	23.31 1.06 0.00	22.94 1.00 0.00	20.47 0.97 0.00	21.82 1.05 0.00	24.45 1.29 0.00	24.31 1.38 0.00	24.14 1.54 -1.16	26.67 1.88 0.00	32.78 2.27 -0.47	37.78 2.38 -1.99	40.98 2.67 -0.96	40.14 2.74 -0.27	44.57 2.82 0.00	43.05 2.89 0.00	53.20 3.29 0.00	62.11 3.23 0.00	69.70 3.59 0.00	62.85 3.25 0.00	40.02 2.10 0.00	35.52 1.94 0.00
HEMPSTEAD____ 23647	31.74 1.82 0.00	25.34 1.52 0.00	25.95 1.32 0.00	24.15 1.12 0.00	23.32 1.06 0.00	22.95 1.01 0.00	20.44 0.94 0.00	21.82 1.05 0.00	24.48 1.32 0.00	24.32 1.40 0.00	24.24 1.65 -1.16	30.16 2.08 -3.29	36.73 2.55 -4.14	38.22 2.74 -2.07	41.16 2.85 -0.96	40.33 2.92 -0.28	44.87 3.12 0.00	43.56 3.39 0.00	53.53 3.63 0.00	62.48 3.60 0.00	70.26 4.15 0.00	63.39 3.78 0.00	40.27 2.36 0.00	35.92 2.33 0.00
HEWLETT__69_KV_BK3 55828	32.09 2.16 0.00	25.62 1.80 0.00	26.22 1.60 0.00	24.40 1.37 0.00	23.56 1.31 0.00	23.19 1.24 0.00	20.64 1.14 0.00	22.04 1.27 0.00	24.72 1.57 0.00	24.48 1.56 0.00	24.53 1.93 -1.16	30.49 2.41 -3.29	37.04 2.86 -4.14	38.54 3.06 -2.07	41.52 3.21 -0.96	40.73 3.32 -0.28	45.40 3.65 0.00	44.09 3.92 0.00	54.16 4.25 0.00	63.17 4.29 0.00	71.01 4.90 0.00	64.07 4.46 0.00	40.76 2.84 0.00	36.42 2.84 0.00
HICKLING___1 23621	31.02 1.09 0.00	24.54 0.72 0.00	25.28 0.65 0.00	23.57 0.54 0.00	22.68 0.42 0.00	22.43 0.49 0.00	19.84 0.33 0.00	21.25 0.48 0.00	23.74 0.59 0.00	23.48 0.56 0.00	22.12 0.67 0.00	25.57 0.78 0.00	31.11 1.06 0.00	34.50 1.09 0.00	38.80 1.45 0.00	38.19 1.06 0.00	42.92 1.17 0.00	41.20 1.04 0.00	51.39 1.48 0.00	60.35 1.47 0.00	67.68 1.57 0.00	60.94 1.33 0.00	38.86 0.95 0.00	34.67 1.09 0.00
HICKLING___2 23622	31.02 1.09 0.00	24.54 0.72 0.00	25.28 0.65 0.00	23.57 0.54 0.00	22.68 0.42 0.00	22.43 0.49 0.00	19.84 0.33 0.00	21.25 0.48 0.00	23.74 0.59 0.00	23.48 0.56 0.00	22.12 0.67 0.00	25.57 0.78 0.00	31.11 1.06 0.00	34.50 1.09 0.00	38.80 1.45 0.00	38.19 1.06 0.00	42.92 1.17 0.00	41.20 1.04 0.00	51.39 1.48 0.00	60.35 1.47 0.00	67.68 1.57 0.00	60.94 1.33 0.00	38.86 0.95 0.00	34.67 1.09 0.00
HIGH FALLS___HY 23754	31.53 1.60 0.00	25.12 1.30 0.00	25.77 1.15 0.00	24.06 1.04 0.00	23.24 0.99 0.00	22.86 0.92 0.00	20.38 0.87 0.00	21.74 0.96 0.00	24.37 1.22 0.00	24.14 1.22 0.00	22.67 1.23 0.00	26.28 1.49 0.00	32.11 1.87 -0.19	36.29 2.06 -0.82	40.30 2.56 -0.40	39.88 2.64 -0.11	44.62 2.87 0.00	43.18 3.02 0.00	53.63 3.72 0.00	62.62 3.73 0.00	70.04 3.93 0.00	63.24 3.64 0.00	40.27 2.35 0.00	35.60 2.02 0.00
HILLBURN___GT 23639	31.30 1.37 0.00	24.97 1.15 0.00	25.60 0.98 0.00	23.91 0.88 0.00	23.11 0.86 0.00	22.74 0.80 0.00	20.28 0.77 0.00	21.61 0.84 0.00	24.21 1.06 0.00	24.07 1.15 0.00	21.40 1.32 1.36	26.39 1.60 0.00	32.45 1.99 -0.41	37.34 2.19 -1.74	40.72 2.53 -0.84	39.96 2.58 -0.24	44.53 2.78 0.00	42.98 2.81 0.00	53.18 3.27 0.00	62.14 3.26 0.00	69.67 3.56 0.00	62.74 3.14 0.00	39.81 1.88 0.00	35.26 1.68 0.00
HILLSIDE_115KV_TB1 80332	30.38 0.45 0.00	24.04 0.22 0.00	24.78 0.15 0.00	23.11 0.08 0.00	22.25 0.00 0.00	22.02 0.08 0.00	19.50 0.00 0.00	20.88 0.11 0.00	23.30 0.15 0.00	23.06 0.14 0.00	21.73 0.30 0.00	25.09 0.30 0.00	30.54 0.49 0.00	33.85 0.43 0.00	38.08 0.74 0.00	37.51 0.37 0.00	42.12 0.37 0.00	40.39 0.23 0.00	50.32 0.42 0.00	59.05 0.17 0.00	66.28 0.16 0.00	59.65 0.05 0.00	38.08 0.16 0.00	33.96 0.38 0.00
HISHELDN_WT_PWR 323625	31.04 1.11 0.00	24.52 0.69 0.00	25.32 0.70 0.00	23.58 0.55 0.00	22.63 0.38 0.00	22.31 0.37 0.00	19.61 0.11 0.00	21.07 0.30 0.00	23.60 0.45 0.00	23.41 0.49 0.00	21.99 0.54 0.00	25.49 0.70 0.00	30.88 0.83 0.00	34.29 0.88 0.00	38.31 0.96 0.00	37.33 0.19 0.00	42.01 0.26 0.00	40.11 -0.05 0.00	49.94 0.03 0.00	58.65 -0.24 0.00	65.65 -0.46 0.00	59.45 -0.15 0.00	38.20 0.29 0.00	34.57 1.00 0.00
HOLTSVILLE_IC_1 23690	32.14 2.21 0.00	25.68 1.86 0.00	26.33 1.71 0.00	24.42 1.39 0.00	23.54 1.29 0.00	23.19 1.25 0.00	20.66 1.16 0.00	22.06 1.29 0.00	24.72 1.57 0.00	24.49 1.57 0.00	24.33 1.74 -1.16	30.32 2.24 -3.29	37.02 2.84 -4.14	38.56 3.08 -2.07	41.31 3.00 -0.96	40.46 3.05 -0.29	45.03 3.27 -0.01	232.99 3.71 -189.12	220.64 3.85 -166.88	95.61 3.97 -32.76	79.69 4.63 -8.95	72.67 4.12 -8.95	40.41 2.49 0.00	36.19 2.61 -0.01
HOLTSVILLE_IC_10 23699	32.34 2.42 0.00	25.85 2.03 0.00	26.50 1.87 0.00	24.55 1.53 0.00	23.67 1.42 0.00	23.33 1.38 0.00	20.78 1.27 0.00	22.18 1.41 0.00	24.86 1.71 0.00	24.64 1.73 0.00	24.47 1.88 -1.16	30.51 2.43 -3.29	37.26 3.08 -4.14	38.86 3.38 -2.07	41.66 3.35 -0.96	40.85 3.43 -0.29	45.45 3.69 -0.01	245.64 4.14 -201.34	231.97 4.40 -177.67	98.32 4.56 -34.88	80.94 5.30 -9.53	73.84 4.71 -9.53	40.74 2.82 0.00	36.47 2.88 -0.01
HOLTSVILLE_IC_2 23691	32.14 2.21 0.00	25.68 1.86 0.00	26.33 1.71 0.00	24.42 1.39 0.00	23.54 1.29 0.00	23.19 1.25 0.00	20.66 1.16 0.00	22.06 1.29 0.00	24.72 1.57 0.00	24.49 1.57 0.00	24.33 1.74 -1.16	30.32 2.24 -3.29	37.02 2.84 -4.14	38.56 3.08 -2.07	41.31 3.00 -0.96	40.46 3.05 -0.29	45.03 3.27 -0.01	232.99 3.71 -189.12	220.64 3.85 -166.88	95.61 3.97 -32.76	79.69 4.63 -8.95	72.67 4.12 -8.95	40.41 2.49 0.00	36.19 2.61 -0.01
HOLTSVILLE_IC_3 23692	32.14 2.21 0.00	25.68 1.86 0.00	26.33 1.71 0.00	24.42 1.39 0.00	23.54 1.29 0.00	23.19 1.25 0.00	20.66 1.16 0.00	22.06 1.29 0.00	24.72 1.57 0.00	24.49 1.57 0.00	24.33 1.74 -1.16	30.32 2.24 -3.29	37.02 2.84 -4.14	38.56 3.08 -2.07	41.31 3.00 -0.96	40.46 3.05 -0.29	45.03 3.27 -0.01	232.99 3.71 -189.12	220.64 3.85 -166.88	95.61 3.97 -32.76	79.69 4.63 -8.95	72.67 4.12 -8.95	40.41 2.49 0.00	36.19 2.61 -0.01

HOLTSVILLE_IC_4 23693	32.14 2.21 0.00	25.68 1.86 0.00	26.33 1.71 0.00	24.42 1.39 0.00	23.54 1.29 0.00	23.19 1.25 0.00	20.66 1.16 0.00	22.06 1.29 0.00	24.72 1.57 0.00	24.49 1.57 0.00	24.33 1.74 -1.16	30.32 2.24 -3.29	37.02 2.84 -4.14	38.56 3.08 -2.07	41.31 3.00 -0.96	40.46 3.05 -0.29	45.03 3.27 -0.01	232.99 3.71 -189.12	220.64 3.85 -166.88	95.61 3.97 -32.76	79.69 4.63 -8.95	72.67 4.12 -8.95	40.41 2.49 0.00	36.19 2.61 -0.01
HOLTSVILLE_IC_5 23694	32.14 2.21 0.00	25.68 1.86 0.00	26.33 1.71 0.00	24.42 1.39 0.00	23.54 1.29 0.00	23.19 1.25 0.00	20.66 1.16 0.00	22.06 1.29 0.00	24.72 1.57 0.00	24.49 1.57 0.00	24.33 1.74 -1.16	30.32 2.24 -3.29	37.02 2.84 -4.14	38.56 3.08 -2.07	41.31 3.00 -0.96	40.46 3.05 -0.29	45.03 3.27 -0.01	232.99 3.71 -189.12	220.64 3.85 -166.88	95.61 3.97 -32.76	79.69 4.63 -8.95	72.67 4.12 -8.95	40.41 2.49 0.00	36.19 2.61 -0.01
HOLTSVILLE_IC_6 23695	32.34 2.42 0.00	25.85 2.03 0.00	26.50 1.87 0.00	24.55 1.53 0.00	23.67 1.42 0.00	23.33 1.38 0.00	20.78 1.27 0.00	22.18 1.41 0.00	24.86 1.71 0.00	24.64 1.73 0.00	24.47 1.88 -1.16	30.51 2.43 -3.29	37.26 3.08 -4.14	38.86 3.38 -2.07	41.66 3.35 -0.96	40.85 3.43 -0.29	45.45 3.69 -0.01	245.64 4.14 -201.34	231.97 4.40 -177.67	98.32 4.56 -34.88	80.94 5.30 -9.53	73.84 4.71 -9.53	40.74 2.82 0.00	36.47 2.88 -0.01
HOLTSVILLE_IC_7 23696	32.34 2.42 0.00	25.85 2.03 0.00	26.50 1.87 0.00	24.55 1.53 0.00	23.67 1.42 0.00	23.33 1.38 0.00	20.78 1.27 0.00	22.18 1.41 0.00	24.86 1.71 0.00	24.64 1.73 0.00	24.47 1.88 -1.16	30.51 2.43 -3.29	37.26 3.08 -4.14	38.86 3.38 -2.07	41.66 3.35 -0.96	40.85 3.43 -0.29	45.45 3.69 -0.01	245.64 4.14 -201.34	231.97 4.40 -177.67	98.32 4.56 -34.88	80.94 5.30 -9.53	73.84 4.71 -9.53	40.74 2.82 0.00	36.47 2.88 -0.01
HOLTSVILLE_IC_8 23697	32.34 2.42 0.00	25.85 2.03 0.00	26.50 1.87 0.00	24.55 1.53 0.00	23.67 1.42 0.00	23.33 1.38 0.00	20.78 1.27 0.00	22.18 1.41 0.00	24.86 1.71 0.00	24.64 1.73 0.00	24.47 1.88 -1.16	30.51 2.43 -3.29	37.26 3.08 -4.14	38.86 3.38 -2.07	41.66 3.35 -0.96	40.85 3.43 -0.29	45.45 3.69 -0.01	245.64 4.14 -201.34	231.97 4.40 -177.67	98.32 4.56 -34.88	80.94 5.30 -9.53	73.84 4.71 -9.53	40.74 2.82 0.00	36.47 2.88 -0.01
HOLTSVILLE_IC_9 23698	32.34 2.42 0.00	25.85 2.03 0.00	26.50 1.87 0.00	24.55 1.53 0.00	23.67 1.42 0.00	23.33 1.38 0.00	20.78 1.27 0.00	22.18 1.41 0.00	24.86 1.71 0.00	24.64 1.73 0.00	24.47 1.88 -1.16	30.51 2.43 -3.29	37.26 3.08 -4.14	38.86 3.38 -2.07	41.66 3.35 -0.96	40.85 3.43 -0.29	45.45 3.69 -0.01	245.64 4.14 -201.34	231.97 4.40 -177.67	98.32 4.56 -34.88	80.94 5.30 -9.53	73.84 4.71 -9.53	40.74 2.82 0.00	36.47 2.88 -0.01
HOMER_HL_115KV_TB2 355744	31.05 1.13 0.00	24.52 0.70 0.00	25.28 0.65 0.00	23.56 0.53 0.00	22.66 0.41 0.00	22.37 0.43 0.00	19.74 0.23 0.00	21.19 0.42 0.00	23.76 0.61 0.00	23.59 0.67 0.00	22.13 0.69 0.00	25.47 0.68 0.00	30.91 0.86 0.00	34.36 0.94 0.00	38.45 1.10 0.00	37.57 0.44 0.00	42.29 0.54 0.00	40.17 0.00 0.00	50.07 0.17 0.00	58.70 -0.18 0.00	65.76 -0.35 0.00	59.52 -0.08 0.00	38.13 0.21 0.00	34.40 0.82 0.00
HOWARD_WT_PWR 323690	31.43 1.50 0.00	24.85 1.03 0.00	25.61 0.98 0.00	23.85 0.82 0.00	22.91 0.66 0.00	22.63 0.68 0.00	19.94 0.44 0.00	21.37 0.60 0.00	23.89 0.74 0.00	23.67 0.75 0.00	22.22 0.78 0.00	25.73 0.94 0.00	31.23 1.18 0.00	34.70 1.28 0.00	38.89 1.54 0.00	38.17 1.04 0.00	43.06 1.31 0.00	41.26 1.09 0.00	51.45 1.55 0.00	60.56 1.68 0.00	67.92 1.81 0.00	61.31 1.71 0.00	39.12 1.20 0.00	35.09 1.51 0.00
HQ_GEN_CEDARS 23644	29.63 -0.29 0.00	23.56 -0.27 0.00	24.44 -0.19 0.00	22.86 -0.17 0.00	22.12 -0.14 0.00	21.84 -0.10 0.00	19.39 -0.11 0.00	20.68 -0.09 0.00	23.07 -0.08 0.00	22.82 -0.10 0.00	21.22 -0.22 0.00	24.52 -0.27 0.00	29.71 -0.34 0.00	33.05 -0.37 0.00	36.92 -0.43 0.00	36.86 -0.27 0.00	41.56 -0.20 0.00	39.74 -0.43 0.00	49.37 -0.54 0.00	58.72 -0.16 0.00	65.96 -0.15 0.00	59.54 -0.07 0.00	37.87 -0.05 0.00	33.40 -0.18 0.00
HQ_GEN_CEDARS_PROXY 323590	29.63 -0.29 0.00	23.56 -0.26 0.00	24.44 -0.19 0.00	22.86 -0.17 0.00	22.12 -0.13 0.00	21.85 -0.10 0.00	19.39 -0.11 0.00	20.68 -0.09 0.00	23.07 -0.08 0.00	22.82 -0.10 0.00	21.22 -0.22 0.00	24.52 -0.27 0.00	29.71 -0.33 0.00	33.05 -0.36 0.00	36.92 -0.43 0.00	36.86 -0.27 0.00	41.56 -0.19 0.00	39.74 -0.43 0.00	49.37 -0.54 0.00	58.72 -0.16 0.00	65.96 -0.15 0.00	59.54 -0.07 0.00	37.87 -0.05 0.00	33.40 -0.18 0.00
HQ_GEN_IMPORT 323601	29.68 -0.24 0.00	23.61 -0.21 0.00	24.51 -0.12 0.00	22.91 -0.11 0.00	22.16 -0.09 0.00	21.87 -0.08 0.00	19.43 -0.08 0.00	20.70 -0.07 0.00	23.08 -0.07 0.00	22.85 -0.08 0.00	21.27 -0.17 0.00	24.58 -0.21 0.00	29.78 -0.27 0.00	33.12 -0.30 0.00	37.01 -0.33 0.00	36.87 -0.26 0.00	41.52 -0.23 0.00	39.75 -0.42 0.00	49.36 -0.55 0.00	58.54 -0.35 0.00	65.74 -0.37 0.00	59.73 -0.29 -0.42	37.74 -0.18 0.00	33.36 -0.22 0.00
HQ_GEN_WHEEL 23651	29.68 -0.24 0.00	23.61 -0.21 0.00	24.51 -0.12 0.00	22.91 -0.11 0.00	22.16 -0.09 0.00	21.87 -0.08 0.00	19.43 -0.08 0.00	20.70 -0.07 0.00	23.08 -0.07 0.00	22.85 -0.08 0.00	21.27 -0.17 0.00	24.58 -0.21 0.00	29.78 -0.27 0.00	33.12 -0.30 0.00	37.01 -0.33 0.00	36.87 -0.26 0.00	41.52 -0.23 0.00	39.75 -0.42 0.00	49.36 -0.55 0.00	58.54 -0.35 0.00	65.74 -0.37 0.00	59.73 -0.29 -0.42	37.74 -0.18 0.00	33.36 -0.22 0.00
HUDSON_AVE_GT_3 23810	31.57 1.65 0.00	25.21 1.39 0.00	25.83 1.20 0.00	24.12 1.10 0.00	23.31 1.06 0.00	22.95 1.00 0.00	20.47 0.97 0.00	21.84 1.07 0.00	24.46 1.31 0.00	24.33 1.40 0.00	24.18 1.58 -1.17	26.69 1.90 0.00	32.83 2.31 -0.47	37.84 2.43 -1.99	41.06 2.75 -0.96	40.25 2.84 -0.27	44.75 3.00 0.00	43.24 3.07 0.00	53.42 3.52 0.00	62.34 3.46 0.00	69.97 3.86 0.00	63.08 3.48 0.00	40.11 2.19 0.00	35.58 2.00 0.00
HUDSON_AVE_GT_4 23540	31.57 1.65 0.00	25.21 1.39 0.00	25.83 1.20 0.00	24.12 1.10 0.00	23.31 1.06 0.00	22.95 1.00 0.00	20.47 0.97 0.00	21.84 1.07 0.00	24.46 1.31 0.00	24.33 1.40 0.00	24.18 1.58 -1.17	26.69 1.90 0.00	32.83 2.31 -0.47	37.84 2.43 -1.99	41.06 2.75 -0.96	40.25 2.84 -0.27	44.75 3.00 0.00	43.24 3.07 0.00	53.42 3.52 0.00	62.34 3.46 0.00	69.97 3.86 0.00	63.08 3.48 0.00	40.11 2.19 0.00	35.58 2.00 0.00
HUDSON_AVE_GT_5 23657	31.57 1.65 0.00	25.21 1.39 0.00	25.83 1.20 0.00	24.12 1.10 0.00	23.31 1.06 0.00	22.95 1.00 0.00	20.47 0.97 0.00	21.84 1.07 0.00	24.46 1.31 0.00	24.33 1.40 0.00	24.18 1.58 -1.17	26.69 1.90 0.00	32.83 2.31 -0.47	37.84 2.43 -1.99	41.06 2.75 -0.96	40.25 2.84 -0.27	44.75 3.00 0.00	43.24 3.07 0.00	53.42 3.52 0.00	62.34 3.46 0.00	69.97 3.86 0.00	63.08 3.48 0.00	40.11 2.19 0.00	35.58 2.00 0.00

HUDSON_AVE_10 24168	31.51 1.59 0.00	25.16 1.34 0.00	25.77 1.14 0.00	24.07 1.05 0.00	23.27 1.02 0.00	22.90 0.95 0.00	20.43 0.93 0.00	21.79 1.02 0.00	24.41 1.26 0.00	24.26 1.34 0.00	24.10 1.50 -1.17	26.61 1.82 0.00	32.73 2.21 -0.47	37.73 2.33 -1.99	40.94 2.64 -0.96	40.13 2.73 -0.27	44.62 2.87 0.00	43.10 2.94 0.00	53.28 3.37 0.00	62.19 3.31 0.00	69.78 3.67 0.00	62.93 3.33 0.00	40.01 2.09 0.00	35.49 1.91 0.00
HUDSON___115KV_TB 4 355613	30.80 0.87 0.00	24.56 0.74 0.00	25.28 0.65 0.00	23.68 0.65 0.00	22.92 0.67 0.00	22.61 0.66 0.00	20.11 0.60 0.00	21.33 0.56 0.00	23.70 0.55 0.00	23.48 0.56 0.00	22.21 0.53 -0.24	25.39 0.60 0.00	30.46 0.78 0.36	32.78 0.91 1.54	37.63 1.03 0.75	38.21 1.29 0.21	43.20 1.44 0.00	41.94 1.77 0.00	52.21 2.30 0.00	61.58 2.70 0.00	69.26 3.16 0.00	62.25 2.65 0.00	39.45 1.53 0.00	34.71 1.13 0.00
HUNTER MOUNT___DRP 323613	30.94 1.01 0.00	24.65 0.83 0.00	25.39 0.76 0.00	23.79 0.76 0.00	23.03 0.78 0.00	22.71 0.77 0.00	20.19 0.69 0.00	21.41 0.64 0.00	23.77 0.61 0.00	23.52 0.60 0.00	22.19 0.55 -0.20	25.41 0.62 0.00	30.62 0.82 0.24	33.35 0.98 1.04	37.96 1.12 0.50	38.39 1.40 0.14	43.35 1.59 0.00	42.10 1.94 0.00	52.49 2.58 0.00	62.04 3.16 0.00	69.84 3.73 0.00	62.71 3.11 0.00	39.70 1.78 0.00	34.89 1.31 0.00
HUNTINGTON_RES_REC 323705	32.08 2.15 0.00	25.63 1.80 0.00	26.24 1.61 0.00	24.35 1.32 0.00	23.48 1.23 0.00	23.12 1.18 0.00	20.60 1.10 0.00	21.99 1.22 0.00	24.65 1.50 0.00	24.48 1.56 0.00	24.37 1.78 -1.16	30.39 2.31 -3.29	37.11 2.92 -4.14	38.65 3.17 -2.07	41.38 3.07 -0.96	40.60 3.15 -0.32	45.15 3.38 -0.02	519.78 3.90 -475.71	473.74 4.05 -419.78	145.33 4.04 -82.40	93.38 4.76 -22.51	86.30 4.19 -22.51	40.42 2.50 0.00	36.21 2.63 -0.01
HUNTLEY___63 23557	31.25 1.32 0.00	24.64 0.82 0.00	25.48 0.85 0.00	23.73 0.70 0.00	22.78 0.53 0.00	22.42 0.47 0.00	19.69 0.19 0.00	21.10 0.33 0.00	23.63 0.48 0.00	23.46 0.54 0.00	22.01 0.57 0.00	25.56 0.77 0.00	30.92 0.87 0.00	34.39 0.98 0.00	38.31 0.97 0.00	37.11 -0.02 0.00	41.63 -0.12 0.00	39.63 -0.53 0.00	49.37 -0.54 0.00	57.87 -1.02 0.00	64.71 -1.41 0.00	58.75 -0.85 0.00	38.00 0.08 0.00	34.70 1.12 0.00
HUNTLEY___64 23558	31.25 1.32 0.00	24.64 0.82 0.00	25.48 0.85 0.00	23.73 0.70 0.00	22.78 0.53 0.00	22.42 0.47 0.00	19.69 0.19 0.00	21.10 0.33 0.00	23.63 0.48 0.00	23.46 0.54 0.00	22.01 0.57 0.00	25.56 0.77 0.00	30.92 0.87 0.00	34.39 0.98 0.00	38.31 0.97 0.00	37.11 -0.02 0.00	41.63 -0.12 0.00	39.63 -0.53 0.00	49.37 -0.54 0.00	57.87 -1.02 0.00	64.71 -1.41 0.00	58.75 -0.85 0.00	38.00 0.08 0.00	34.70 1.12 0.00
HUNTLEY___65 23559	31.25 1.32 0.00	24.64 0.82 0.00	25.48 0.85 0.00	23.73 0.70 0.00	22.78 0.53 0.00	22.42 0.47 0.00	19.69 0.19 0.00	21.10 0.33 0.00	23.63 0.48 0.00	23.46 0.54 0.00	22.01 0.57 0.00	25.56 0.77 0.00	30.92 0.87 0.00	34.39 0.98 0.00	38.31 0.97 0.00	37.11 -0.02 0.00	41.63 -0.12 0.00	39.63 -0.53 0.00	49.37 -0.54 0.00	57.87 -1.02 0.00	64.71 -1.41 0.00	58.75 -0.85 0.00	38.00 0.08 0.00	34.70 1.12 0.00
HUNTLEY___66 23560	31.25 1.32 0.00	24.64 0.82 0.00	25.48 0.85 0.00	23.73 0.70 0.00	22.78 0.53 0.00	22.42 0.47 0.00	19.69 0.19 0.00	21.10 0.33 0.00	23.63 0.48 0.00	23.46 0.54 0.00	22.01 0.57 0.00	25.56 0.77 0.00	30.92 0.87 0.00	34.39 0.98 0.00	38.31 0.97 0.00	37.11 -0.02 0.00	41.63 -0.12 0.00	39.63 -0.53 0.00	49.37 -0.54 0.00	57.87 -1.02 0.00	64.71 -1.41 0.00	58.75 -0.85 0.00	38.00 0.08 0.00	34.70 1.12 0.00
HUNTLEY___67 23561	30.98 1.05 0.00	24.45 0.63 0.00	25.28 0.65 0.00	23.56 0.53 0.00	22.61 0.35 0.00	22.26 0.31 0.00	19.54 0.03 0.00	20.96 0.19 0.00	23.46 0.31 0.00	23.29 0.37 0.00	21.84 0.40 0.00	25.33 0.54 0.00	30.64 0.59 0.00	34.07 0.65 0.00	37.96 0.62 0.00	36.87 -0.26 0.00	41.48 -0.27 0.00	39.51 -0.66 0.00	49.21 -0.70 0.00	57.72 -1.17 0.00	64.56 -1.55 0.00	58.59 -1.01 0.00	37.77 -0.15 0.00	34.38 0.80 0.00
HUNTLEY___68 23562	30.98 1.05 0.00	24.45 0.63 0.00	25.28 0.65 0.00	23.56 0.53 0.00	22.61 0.35 0.00	22.26 0.31 0.00	19.54 0.03 0.00	20.96 0.19 0.00	23.46 0.31 0.00	23.29 0.37 0.00	21.84 0.40 0.00	25.33 0.54 0.00	30.64 0.59 0.00	34.07 0.65 0.00	37.96 0.62 0.00	36.87 -0.26 0.00	41.48 -0.27 0.00	39.51 -0.66 0.00	49.21 -0.70 0.00	57.72 -1.17 0.00	64.56 -1.55 0.00	58.59 -1.01 0.00	37.77 -0.15 0.00	34.38 0.80 0.00
HYLAND___LFGE 323620	32.43 2.50 0.00	25.54 1.72 0.00	26.32 1.70 0.00	24.51 1.48 0.00	23.54 1.29 0.00	23.20 1.26 0.00	20.43 0.93 0.00	21.72 0.95 0.00	23.90 0.75 0.00	23.67 0.74 0.00	22.23 0.79 0.00	25.81 1.02 0.00	31.31 1.26 0.00	34.83 1.42 0.00	39.00 1.66 0.00	38.25 1.12 0.00	43.25 1.50 0.00	41.54 1.38 0.00	51.62 1.72 0.00	61.91 3.03 0.00	70.22 4.10 0.00	63.57 3.96 0.00	40.46 2.54 0.00	36.25 2.67 0.00
INDECK___CORINTH 23802	30.77 0.84 0.00	24.55 0.73 0.00	25.20 0.58 0.00	23.58 0.55 0.00	22.82 0.57 0.00	22.50 0.56 0.00	20.02 0.52 0.00	21.26 0.48 0.00	23.62 0.46 0.00	23.46 0.54 0.00	22.04 0.34 -0.26	25.28 0.49 0.00	30.19 0.69 0.54	32.06 0.97 2.33	37.27 1.05 1.13	38.18 1.38 0.32	43.42 1.67 0.00	42.17 2.01 0.00	52.82 2.91 0.00	62.09 3.21 0.00	69.71 3.60 0.00	62.47 2.87 0.00	39.60 1.68 0.00	34.87 1.29 0.00
INDECK___ILION 23567	29.84 -0.09 0.00	23.73 -0.08 0.00	24.46 -0.16 0.00	22.87 -0.16 0.00	22.11 -0.14 0.00	21.83 -0.11 0.00	19.42 -0.09 0.00	20.64 -0.14 0.00	22.96 -0.19 0.00	22.76 -0.16 0.00	21.33 -0.11 0.00	24.67 -0.12 0.00	29.92 -0.13 0.00	33.29 -0.12 0.00	37.23 -0.12 0.00	37.09 -0.04 0.00	41.70 -0.05 0.00	40.36 0.19 0.00	50.32 0.41 0.00	59.28 0.40 0.00	66.68 0.57 0.00	59.99 0.39 0.00	38.05 0.13 0.00	33.61 0.03 0.00
INDECK___OLEAN 23982	31.05 1.12 0.00	24.52 0.70 0.00	25.28 0.65 0.00	23.56 0.53 0.00	22.66 0.41 0.00	22.37 0.43 0.00	19.74 0.23 0.00	21.20 0.43 0.00	23.76 0.61 0.00	23.59 0.67 0.00	22.13 0.69 0.00	25.48 0.69 0.00	30.91 0.87 0.00	34.36 0.94 0.00	38.45 1.10 0.00	37.56 0.43 0.00	42.28 0.52 0.00	40.16 0.00 0.00	50.07 0.17 0.00	58.70 -0.18 0.00	65.77 -0.34 0.00	59.52 -0.08 0.00	38.13 0.21 0.00	34.40 0.82 0.00
INDECK___OSWEGO 23783	29.61 -0.32 0.00	23.52 -0.30 0.00	24.29 -0.34 0.00	22.68 -0.35 0.00	21.88 -0.37 0.00	21.59 -0.35 0.00	19.17 -0.33 0.00	20.44 -0.33 0.00	22.76 -0.39 0.00	22.49 -0.43 0.00	21.08 -0.35 0.00	24.39 -0.40 0.00	29.55 -0.50 0.00	32.87 -0.55 0.00	36.68 -0.66 0.00	36.18 -0.95 0.00	40.62 -1.13 0.00	39.12 -1.04 0.00	48.75 -1.16 0.00	57.47 -1.42 0.00	64.58 -1.53 0.00	58.17 -1.44 0.00	37.22 -0.70 0.00	33.13 -0.46 0.00

INDECK___YERKES 23781	31.27 1.34 0.00	24.66 0.84 0.00	25.51 0.88 0.00	23.75 0.73 0.00	22.80 0.55 0.00	22.44 0.49 0.00	19.71 0.21 0.00	21.14 0.37 0.00	23.65 0.50 0.00	23.49 0.56 0.00	22.03 0.59 0.00	25.59 0.80 0.00	30.96 0.91 0.00	34.43 1.02 0.00	38.35 1.00 0.00	37.11 -0.02 0.00	41.61 -0.14 0.00	39.61 -0.55 0.00	49.34 -0.56 0.00	57.86 -1.03 0.00	64.68 -1.43 0.00	58.75 -0.85 0.00	38.01 0.10 0.00	34.74 1.16 0.00
INDIAN POINT_GT_1 24139	31.28 1.35 0.00	24.97 1.15 0.00	25.60 0.97 0.00	23.92 0.89 0.00	23.12 0.87 0.00	22.76 0.81 0.00	20.29 0.78 0.00	21.62 0.85 0.00	24.21 1.05 0.00	24.06 1.14 0.00	24.09 1.29 -1.36	26.35 1.56 0.00	32.42 1.92 -0.46	37.43 2.07 -1.95	40.66 2.37 -0.94	39.83 2.43 -0.27	44.35 2.60 0.00	42.86 2.70 0.00	53.01 3.10 0.00	61.95 3.07 0.00	69.51 3.40 0.00	62.61 3.01 0.00	39.75 1.83 0.00	35.23 1.64 0.00
INDIAN POINT_GT_2 23659	31.28 1.35 0.00	24.97 1.15 0.00	25.60 0.97 0.00	23.92 0.89 0.00	23.12 0.87 0.00	22.76 0.81 0.00	20.29 0.78 0.00	21.62 0.85 0.00	24.21 1.05 0.00	24.06 1.14 0.00	24.09 1.29 -1.36	26.35 1.56 0.00	32.42 1.92 -0.46	37.43 2.07 -1.95	40.66 2.37 -0.94	39.83 2.43 -0.27	44.35 2.60 0.00	42.86 2.70 0.00	53.01 3.10 0.00	61.95 3.07 0.00	69.51 3.40 0.00	62.61 3.01 0.00	39.75 1.83 0.00	35.23 1.64 0.00
INDIAN POINT_GT_3 24019	31.28 1.35 0.00	24.97 1.15 0.00	25.60 0.97 0.00	23.92 0.89 0.00	23.12 0.87 0.00	22.76 0.81 0.00	20.29 0.78 0.00	21.62 0.85 0.00	24.21 1.05 0.00	24.06 1.14 0.00	24.09 1.29 -1.36	26.35 1.56 0.00	32.42 1.92 -0.46	37.43 2.07 -1.95	40.66 2.37 -0.94	39.83 2.43 -0.27	44.35 2.60 0.00	42.86 2.70 0.00	53.01 3.10 0.00	61.95 3.07 0.00	69.51 3.40 0.00	62.61 3.01 0.00	39.75 1.83 0.00	35.23 1.64 0.00
INDIAN POINT___2 23530	31.24 1.32 0.00	24.94 1.12 0.00	25.58 0.95 0.00	23.89 0.86 0.00	23.09 0.84 0.00	22.72 0.78 0.00	20.26 0.76 0.00	21.59 0.82 0.00	24.18 1.03 0.00	24.03 1.11 0.00	24.51 1.27 -1.80	26.33 1.54 0.00	32.38 1.87 -0.44	37.33 2.02 -1.87	40.60 2.34 -0.91	39.79 2.40 -0.26	44.31 2.56 0.00	42.80 2.64 0.00	52.95 3.04 0.00	61.88 2.99 0.00	69.40 3.29 0.00	62.53 2.93 0.00	39.70 1.79 0.00	35.19 1.61 0.00
INDIAN POINT___3 23531	31.24 1.31 0.00	24.95 1.12 0.00	25.58 0.95 0.00	23.90 0.87 0.00	23.10 0.85 0.00	22.74 0.79 0.00	20.27 0.76 0.00	21.60 0.83 0.00	24.18 1.03 0.00	24.03 1.11 0.00	24.09 1.27 -1.39	26.32 1.53 0.00	32.38 1.87 -0.46	37.39 2.02 -1.95	40.60 2.31 -0.94	39.79 2.39 -0.27	44.28 2.53 0.00	42.79 2.63 0.00	52.92 3.02 0.00	61.87 2.99 0.00	69.40 3.29 0.00	62.53 2.92 0.00	39.70 1.79 0.00	35.18 1.61 0.00
INGHAM_C_115KV_TB7 356103	29.47 -0.45 0.00	23.44 -0.38 0.00	24.08 -0.55 0.00	22.52 -0.51 0.00	21.80 -0.46 0.00	21.56 -0.39 0.00	19.19 -0.32 0.00	20.33 -0.44 0.00	22.55 -0.60 0.00	22.39 -0.53 0.00	21.03 -0.42 0.00	24.35 -0.45 0.00	29.53 -0.52 0.00	32.83 -0.58 0.00	36.76 -0.58 0.00	36.81 -0.32 0.00	41.34 -0.41 0.00	40.25 0.09 0.00	50.37 0.46 0.00	59.28 0.40 0.00	66.84 0.73 0.00	59.96 0.35 0.00	37.93 0.01 0.00	33.36 -0.22 0.00
IP CORINTH___1 23988	30.95 1.02 0.00	24.68 0.86 0.00	25.34 0.72 0.00	23.72 0.69 0.00	22.95 0.69 0.00	22.63 0.68 0.00	20.13 0.62 0.00	21.38 0.61 0.00	23.74 0.59 0.00	23.58 0.66 0.00	22.16 0.46 -0.26	25.42 0.63 0.00	30.35 0.85 0.54	32.26 1.17 2.33	37.48 1.26 1.13	38.39 1.58 0.32	43.66 1.90 0.00	42.40 2.24 0.00	53.10 3.19 0.00	62.43 3.54 0.00	70.08 3.96 0.00	62.82 3.21 0.00	39.83 1.91 0.00	35.06 1.48 0.00
IP___TICONDEROGA 23804	32.57 2.64 0.00	25.92 2.10 0.00	26.63 2.00 0.00	24.92 1.89 0.00	24.13 1.88 0.00	23.78 1.84 0.00	21.14 1.64 0.00	22.49 1.71 0.00	24.71 1.55 0.00	24.62 1.70 0.00	23.10 1.41 -0.26	26.73 1.94 0.00	31.81 2.32 0.56	33.85 2.81 2.38	39.41 3.22 1.15	40.73 3.93 0.33	46.51 4.76 0.00	45.36 5.20 0.00	56.87 6.97 0.00	66.66 7.77 0.00	74.62 8.51 0.00	66.52 6.91 0.00	42.33 4.41 0.00	37.04 3.46 0.00
ISLIP_RES_REC 323679	32.53 2.60 0.00	25.98 2.16 0.00	26.62 2.00 0.00	24.67 1.64 0.00	23.77 1.52 0.00	23.42 1.48 0.00	20.86 1.36 0.00	22.29 1.52 0.00	24.98 1.83 0.00	24.77 1.85 0.00	24.61 2.01 -1.16	30.68 2.59 -3.29	37.48 3.29 -4.14	39.12 3.63 -2.07	41.98 3.67 -0.96	41.16 3.74 -0.29	45.82 4.06 -0.01	228.04 4.50 -183.37	216.57 4.85 -161.81	95.74 5.09 -31.76	80.68 5.89 -8.68	73.47 5.20 -8.68	41.03 3.11 0.00	36.71 3.12 -0.01
JAMAICA__27_KV_LOAD 355505	31.78 1.85 0.00	25.39 1.57 0.00	26.00 1.37 0.00	24.28 1.25 0.00	23.47 1.21 0.00	23.09 1.14 0.00	20.62 1.12 0.00	21.98 1.21 0.00	24.61 1.46 0.00	24.46 1.54 0.00	24.24 1.64 -1.17	26.78 1.99 0.00	32.94 2.42 -0.47	37.99 2.58 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.95 3.20 0.00	43.42 3.25 0.00	53.73 3.82 0.00	62.71 3.83 0.00	70.42 4.31 0.00	63.60 4.00 0.00	40.39 2.47 0.00	35.81 2.23 0.00
JANIS___SOLAR 323808	31.51 1.58 0.00	24.97 1.15 0.00	25.74 1.11 0.00	24.01 0.99 0.00	23.15 0.90 0.00	22.85 0.91 0.00	20.28 0.78 0.00	21.61 0.84 0.00	23.95 0.79 0.00	23.66 0.74 0.00	22.10 0.66 0.00	25.57 0.78 0.00	31.21 1.16 0.00	34.87 1.46 0.00	38.75 1.41 0.00	38.24 1.11 0.00	43.20 1.44 0.00	41.94 1.78 0.00	52.73 2.83 0.00	62.49 3.61 0.00	70.28 4.17 0.00	63.24 3.64 0.00	40.10 2.18 0.00	35.50 1.92 0.00
JARVIS____ 23743	29.96 0.03 0.00	23.84 0.02 0.00	24.63 0.00 0.00	23.03 0.00 0.00	22.23 -0.02 0.00	21.93 -0.02 0.00	19.50 0.00 0.00	20.75 -0.02 0.00	23.13 -0.02 0.00	22.90 -0.02 0.00	21.44 0.00 0.00	24.79 0.00 0.00	30.07 0.02 0.00	33.45 0.03 0.00	37.38 0.03 0.00	37.12 -0.02 0.00	41.73 -0.03 0.00	40.23 0.06 0.00	50.01 0.10 0.00	58.95 0.06 0.00	66.20 0.09 0.00	59.72 0.12 0.00	37.96 0.05 0.00	33.61 0.03 0.00
JENNISON___1 23625	31.56 1.64 0.00	25.03 1.21 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.23 0.98 0.00	22.94 1.00 0.00	20.37 0.86 0.00	21.72 0.95 0.00	24.19 1.04 0.00	23.93 1.01 0.00	22.49 1.05 0.00	25.99 1.20 0.00	31.70 1.65 0.00	35.24 1.83 0.00	39.47 2.13 0.00	39.06 1.92 0.00	44.01 2.25 0.00	42.55 2.38 0.00	53.23 3.32 0.00	62.75 3.87 0.00	70.38 4.27 0.00	63.37 3.76 0.00	40.19 2.27 0.00	35.57 1.99 0.00
JENNISON___2 23626	31.56 1.64 0.00	25.03 1.21 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.23 0.98 0.00	22.94 1.00 0.00	20.37 0.86 0.00	21.72 0.95 0.00	24.19 1.04 0.00	23.93 1.01 0.00	22.49 1.05 0.00	25.99 1.20 0.00	31.70 1.65 0.00	35.24 1.83 0.00	39.47 2.13 0.00	39.06 1.92 0.00	44.01 2.25 0.00	42.55 2.38 0.00	53.23 3.32 0.00	62.75 3.87 0.00	70.38 4.27 0.00	63.37 3.76 0.00	40.19 2.27 0.00	35.57 1.99 0.00

JERICO_RISE_WT_PWR 323719	29.98 0.06 0.00	23.75 -0.07 0.00	24.52 -0.11 0.00	23.11 0.08 0.00	22.52 0.27 0.00	22.32 0.38 0.00	19.81 0.31 0.00	21.15 0.37 0.00	23.61 0.46 0.00	23.38 0.46 0.00	21.75 0.31 0.00	25.11 0.31 0.00	30.43 0.38 0.00	33.82 0.40 0.00	37.77 0.43 0.00	37.97 0.84 0.00	42.93 1.17 0.00	41.13 0.96 0.00	51.18 1.27 0.00	60.52 1.64 0.00	67.94 1.83 0.00	61.33 1.72 0.00	38.66 0.74 0.00	33.88 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	31.49 1.56 0.00	25.13 1.31 0.00	25.76 1.13 0.00	24.06 1.03 0.00	23.26 1.01 0.00	22.89 0.95 0.00	20.40 0.90 0.00	21.76 0.99 0.00	24.36 1.21 0.00	24.23 1.31 0.00	23.65 1.47 -0.74	26.56 1.77 0.00	32.69 2.18 -0.46	37.75 2.37 -1.97	41.01 2.71 -0.95	40.20 2.80 -0.27	44.78 3.03 0.00	43.32 3.15 0.00	53.56 3.66 0.00	62.57 3.68 0.00	70.16 4.05 0.00	63.15 3.55 0.00	40.09 2.17 0.00	35.49 1.90 0.00
KCE_NY_1 323755	31.21 1.28 0.00	24.87 1.05 0.00	25.56 0.93 0.00	23.92 0.89 0.00	23.16 0.91 0.00	22.84 0.90 0.00	20.32 0.81 0.00	21.57 0.80 0.00	24.01 0.86 0.00	23.84 0.92 0.00	22.54 0.83 -0.26	25.78 0.99 0.00	30.70 1.23 0.57	32.44 1.47 2.44	37.78 1.61 1.18	38.66 1.86 0.34	43.91 2.16 0.00	42.62 2.45 0.00	53.10 3.19 0.00	62.45 3.56 0.00	70.12 4.01 0.00	62.95 3.35 0.00	39.92 2.00 0.00	35.15 1.57 0.00
KCE_NY_6_ESR 323823	31.30 1.37 0.00	24.69 0.86 0.00	25.52 0.89 0.00	23.77 0.74 0.00	22.81 0.55 0.00	22.46 0.52 0.00	19.72 0.22 0.00	21.19 0.42 0.00	23.72 0.57 0.00	23.55 0.63 0.00	22.12 0.67 0.00	25.66 0.87 0.00	31.07 1.02 0.00	34.54 1.13 0.00	38.56 1.21 0.00	37.50 0.37 0.00	42.22 0.46 0.00	40.22 0.06 0.00	50.13 0.22 0.00	58.79 -0.09 0.00	65.75 -0.36 0.00	59.59 -0.02 0.00	38.36 0.45 0.00	34.82 1.24 0.00
KEDC_PORT_JEFF_GT2 24210	32.29 2.36 0.00	25.80 1.98 0.00	26.45 1.82 0.00	24.51 1.48 0.00	23.63 1.38 0.00	23.29 1.34 0.00	20.74 1.24 0.00	22.15 1.38 0.00	24.83 1.67 0.00	24.61 1.69 0.00	24.44 1.85 -1.16	30.47 2.38 -3.29	37.21 3.03 -4.14	38.81 3.32 -2.07	41.61 3.30 -0.96	40.77 3.35 -0.29	45.16 3.40 -0.01	269.78 3.84 -225.78	253.16 4.02 -199.23	102.12 4.13 -39.11	81.82 5.03 -10.68	74.86 4.58 -10.68	40.66 2.74 0.00	36.39 2.81 -0.01
KEDC_PORT_JEFF_GT3 24211	32.29 2.36 0.00	25.80 1.98 0.00	26.45 1.82 0.00	24.51 1.48 0.00	23.63 1.38 0.00	23.29 1.34 0.00	20.74 1.24 0.00	22.15 1.38 0.00	24.83 1.67 0.00	24.61 1.69 0.00	24.44 1.85 -1.16	30.47 2.38 -3.29	37.21 3.03 -4.14	38.81 3.32 -2.07	41.61 3.30 -0.96	40.77 3.35 -0.29	45.16 3.40 -0.01	269.78 3.84 -225.78	253.16 4.02 -199.23	102.12 4.13 -39.11	81.82 5.03 -10.68	74.86 4.58 -10.68	40.66 2.74 0.00	36.39 2.81 -0.01
KEDC_GLWD_GT4 24219	31.77 1.84 0.00	25.36 1.54 0.00	25.98 1.35 0.00	24.20 1.17 0.00	23.39 1.13 0.00	23.02 1.07 0.00	20.51 1.00 0.00	21.89 1.11 0.00	24.53 1.38 0.00	24.40 1.48 0.00	24.31 1.71 -1.16	30.20 2.12 -3.29	36.78 2.60 -4.14	38.29 2.80 -2.07	41.34 3.03 -0.96	40.51 3.11 -0.28	44.86 3.11 0.00	43.46 3.30 0.00	53.52 3.61 0.00	62.47 3.58 0.00	70.26 4.15 0.00	63.61 4.00 0.00	40.38 2.47 0.00	35.90 2.32 0.00
KEDC_GLWD_GT5 24220	31.77 1.84 0.00	25.36 1.54 0.00	25.98 1.35 0.00	24.20 1.17 0.00	23.39 1.13 0.00	23.02 1.07 0.00	20.51 1.00 0.00	21.89 1.11 0.00	24.53 1.38 0.00	24.40 1.48 0.00	24.31 1.71 -1.16	30.20 2.12 -3.29	36.78 2.60 -4.14	38.29 2.80 -2.07	41.34 3.03 -0.96	40.51 3.11 -0.28	44.86 3.11 0.00	43.46 3.30 0.00	53.52 3.61 0.00	62.47 3.58 0.00	70.26 4.15 0.00	63.61 4.00 0.00	40.38 2.47 0.00	35.90 2.32 0.00
KENSICO____ 23655	31.37 1.45 0.00	25.05 1.23 0.00	25.68 1.05 0.00	23.99 0.96 0.00	23.19 0.94 0.00	22.83 0.88 0.00	20.35 0.84 0.00	21.69 0.92 0.00	24.28 1.13 0.00	24.14 1.22 0.00	24.06 1.38 -1.24	26.45 1.66 0.00	32.54 2.03 -0.47	37.58 2.18 -1.99	40.78 2.47 -0.96	39.95 2.55 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.13 3.23 0.00	62.08 3.19 0.00	69.65 3.54 0.00	62.76 3.16 0.00	39.86 1.94 0.00	35.33 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.53 1.61 0.00	25.12 1.31 0.00	25.78 1.16 0.00	24.07 1.05 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.39 0.89 0.00	21.74 0.97 0.00	24.36 1.21 0.00	24.12 1.20 0.00	22.61 1.17 0.00	26.22 1.43 0.00	32.06 1.79 -0.22	36.34 1.98 -0.96	40.29 2.48 -0.46	39.85 2.59 -0.13	44.55 2.80 0.00	43.14 2.98 0.00	53.59 3.69 0.00	62.62 3.73 0.00	70.06 3.95 0.00	63.26 3.66 0.00	40.32 2.40 0.00	35.64 2.06 0.00
KIAC_JFK_GT1 23816	31.66 1.73 0.00	25.30 1.48 0.00	25.91 1.28 0.00	24.20 1.17 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.55 1.05 0.00	21.91 1.13 0.00	24.53 1.37 0.00	24.38 1.46 0.00	24.16 1.56 -1.17	26.68 1.89 0.00	32.82 2.31 -0.47	37.86 2.45 -1.99	41.10 2.79 -0.96	40.26 2.85 -0.27	44.76 3.01 0.00	43.24 3.07 0.00	53.51 3.61 0.00	62.45 3.57 0.00	70.11 4.00 0.00	63.34 3.74 0.00	40.22 2.30 0.00	35.66 2.08 0.00
KIAC_JFK_GT2 23817	31.66 1.73 0.00	25.30 1.48 0.00	25.91 1.28 0.00	24.20 1.17 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.55 1.05 0.00	21.91 1.13 0.00	24.53 1.37 0.00	24.38 1.46 0.00	24.16 1.56 -1.17	26.68 1.89 0.00	32.82 2.31 -0.47	37.86 2.45 -1.99	41.10 2.79 -0.96	40.26 2.85 -0.27	44.76 3.01 0.00	43.24 3.07 0.00	53.51 3.61 0.00	62.45 3.57 0.00	70.11 4.00 0.00	63.34 3.74 0.00	40.22 2.30 0.00	35.66 2.08 0.00
KIAC_JFK____ 323774	31.66 1.73 0.00	25.30 1.48 0.00	25.90 1.28 0.00	24.20 1.17 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.55 1.05 0.00	21.90 1.12 0.00	24.52 1.37 0.00	24.38 1.45 0.00	24.16 1.56 -1.17	26.68 1.89 0.00	32.82 2.31 -0.47	37.85 2.45 -1.99	41.10 2.79 -0.96	40.26 2.85 -0.27	44.76 3.01 0.00	43.25 3.08 0.00	53.51 3.61 0.00	62.45 3.57 0.00	70.11 4.00 0.00	63.34 3.74 0.00	40.22 2.30 0.00	35.66 2.08 0.00
KINTIGH____ 23543	30.76 0.84 0.00	24.31 0.49 0.00	25.14 0.51 0.00	23.44 0.41 0.00	22.52 0.27 0.00	22.17 0.23 0.00	19.50 0.00 0.00	20.89 0.12 0.00	23.37 0.21 0.00	23.18 0.26 0.00	21.73 0.29 0.00	25.19 0.40 0.00	30.47 0.43 0.00	33.87 0.46 0.00	37.76 0.41 0.00	36.80 -0.33 0.00	41.37 -0.38 0.00	39.47 -0.70 0.00	49.14 -0.76 0.00	57.66 -1.23 0.00	64.52 -1.59 0.00	58.53 -1.07 0.00	37.63 -0.29 0.00	34.14 0.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.43 0.51 0.00	24.09 0.27 0.00	24.83 0.20 0.00	23.38 0.35 0.00	22.81 0.56 0.00	22.64 0.69 0.00	20.09 0.59 0.00	21.44 0.66 0.00	23.91 0.76 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.44 0.65 0.00	30.86 0.81 0.00	34.32 0.90 0.00	38.36 1.01 0.00	38.62 1.49 0.00	43.72 1.96 0.00	41.98 1.81 0.00	52.29 2.38 0.00	61.71 2.83 0.00	69.26 3.15 0.00	62.60 2.99 0.00	39.44 1.52 0.00	34.51 0.93 0.00

LACHUTE____HYDRO 323717	32.57 2.64 0.00	25.92 2.10 0.00	26.63 2.00 0.00	24.91 1.89 0.00	24.13 1.87 0.00	23.78 1.84 0.00	21.14 1.64 0.00	22.48 1.71 0.00	24.71 1.55 0.00	24.62 1.70 0.00	23.10 1.41 -0.26	26.73 1.94 0.00	31.81 2.32 0.56	33.84 2.81 2.38	39.41 3.22 1.15	40.73 3.93 0.33	46.51 4.76 0.00	45.36 5.20 0.00	56.87 6.97 0.00	66.66 7.77 0.00	74.62 8.51 0.00	66.51 6.91 0.00	42.33 4.41 0.00	37.05 3.47 0.00
LAWRNCAV_115KV_TB1 80681	29.27 -0.66 0.00	23.25 -0.57 0.00	24.10 -0.52 0.00	22.54 -0.49 0.00	21.80 -0.45 0.00	21.55 -0.39 0.00	19.15 -0.35 0.00	20.41 -0.36 0.00	22.78 -0.37 0.00	22.53 -0.39 0.00	20.94 -0.51 0.00	24.18 -0.62 0.00	29.31 -0.74 0.00	32.61 -0.80 0.00	36.42 -0.93 0.00	36.39 -0.74 0.00	41.07 -0.68 0.00	39.33 -0.84 0.00	48.94 -0.96 0.00	58.31 -0.57 0.00	65.61 -0.50 0.00	59.17 -0.43 0.00	37.58 -0.34 0.00	33.07 -0.51 0.00
LEDERLE____ 23769	31.42 1.49 0.00	25.06 1.24 0.00	25.70 1.07 0.00	24.00 0.97 0.00	23.20 0.95 0.00	22.83 0.88 0.00	20.35 0.85 0.00	21.69 0.92 0.00	24.31 1.15 0.00	24.16 1.24 0.00	21.32 1.40 1.52	26.49 1.70 0.00	32.59 2.12 -0.42	37.53 2.32 -1.80	40.91 2.70 -0.87	40.14 2.76 -0.25	44.71 2.96 0.00	43.17 3.00 0.00	53.41 3.50 0.00	62.42 3.54 0.00	69.99 3.87 0.00	63.01 3.40 0.00	39.98 2.06 0.00	35.41 1.83 0.00
LIGHTHSE_115KV_TB6 355974	29.88 -0.05 0.00	23.74 -0.08 0.00	24.48 -0.15 0.00	22.79 -0.24 0.00	21.96 -0.29 0.00	21.70 -0.24 0.00	19.31 -0.19 0.00	20.58 -0.19 0.00	22.96 -0.19 0.00	22.63 -0.29 0.00	21.19 -0.25 0.00	24.48 -0.31 0.00	29.66 -0.39 0.00	33.02 -0.39 0.00	36.82 -0.52 0.00	36.48 -0.66 0.00	41.14 -0.62 0.00	39.74 -0.43 0.00	49.75 -0.16 0.00	59.00 0.11 0.00	66.54 0.43 0.00	59.76 0.16 0.00	38.04 0.12 0.00	33.70 0.12 0.00
LINDEN COGEN____ 23786	31.33 1.40 0.00	25.02 1.20 0.00	25.63 1.00 0.00	23.93 0.91 0.00	23.14 0.88 0.00	22.77 0.82 0.00	20.32 0.81 0.00	21.65 0.88 0.00	24.27 1.11 0.00	24.12 1.20 0.00	23.99 1.39 -1.17	26.48 1.69 0.00	32.57 2.05 -0.47	37.33 2.12 -1.80	40.72 2.41 -0.96	39.89 2.48 -0.27	44.38 2.63 0.00	42.86 2.70 0.00	52.98 3.07 0.00	61.81 2.92 0.00	69.31 3.20 0.00	62.49 2.89 0.00	37.17 1.81 2.56	32.93 1.68 2.32
LINDHRST_69_KV_BK1 356055	32.35 2.42 0.00	25.81 1.99 0.00	26.42 1.79 0.00	24.53 1.50 0.00	23.66 1.41 0.00	23.29 1.34 0.00	20.74 1.23 0.00	22.15 1.38 0.00	24.84 1.69 0.00	24.67 1.75 0.00	24.58 1.98 -1.16	30.61 2.53 -3.29	37.34 3.16 -4.14	38.93 3.44 -2.07	41.82 3.51 -0.96	40.94 3.53 -0.28	45.61 3.86 0.00	60.98 4.22 -16.60	69.14 4.58 -14.65	66.55 4.80 -2.88	72.37 5.47 -0.79	65.31 4.92 -0.79	40.96 3.04 0.00	36.61 3.03 0.00
LIPA_MISC_IPP 23656	32.29 2.36 0.00	25.82 1.99 0.00	26.49 1.86 0.00	24.55 1.52 0.00	23.65 1.40 0.00	23.33 1.39 0.00	20.78 1.28 0.00	22.21 1.44 0.00	24.85 1.70 0.00	24.56 1.64 0.00	24.32 1.73 -1.16	30.32 2.24 -3.29	37.04 2.86 -4.14	38.62 3.13 -2.07	41.40 3.09 -0.96	40.59 3.17 -0.29	45.22 3.46 -0.01	235.58 3.91 -191.51	222.99 4.09 -168.99	96.33 4.27 -33.17	80.09 4.92 -9.06	72.98 4.32 -9.06	40.49 2.57 0.00	36.25 2.66 -0.01
LISF____SOLAR 323691	32.36 2.44 0.00	25.88 2.06 0.00	26.56 1.93 0.00	24.60 1.57 0.00	23.70 1.45 0.00	23.38 1.44 0.00	20.83 1.32 0.00	22.25 1.48 0.00	24.90 1.75 0.00	24.60 1.68 0.00	24.35 1.76 -1.16	30.36 2.28 -3.29	37.08 2.90 -4.14	38.67 3.18 -2.07	41.48 3.16 -0.96	40.68 3.26 -0.29	45.33 3.58 -0.01	238.00 4.05 -193.78	225.19 4.29 -171.00	96.94 4.49 -33.57	80.45 5.17 -9.17	73.29 4.51 -9.17	40.60 2.69 0.00	36.34 2.76 -0.01
LITTLE FALLS____HYD 24013	29.47 -0.45 0.00	23.44 -0.38 0.00	24.08 -0.55 0.00	22.52 -0.51 0.00	21.80 -0.46 0.00	21.56 -0.39 0.00	19.19 -0.32 0.00	20.33 -0.44 0.00	22.55 -0.60 0.00	22.39 -0.53 0.00	21.03 -0.42 0.00	24.35 -0.45 0.00	29.53 -0.52 0.00	32.83 -0.58 0.00	36.76 -0.58 0.00	36.81 -0.32 0.00	41.34 -0.41 0.00	40.25 0.09 0.00	50.37 0.46 0.00	59.28 0.40 0.00	66.84 0.73 0.00	59.96 0.35 0.00	37.93 0.01 0.00	33.36 -0.22 0.00
LITTLRIV_115KV_TB1 356100	29.62 -0.30 0.00	23.53 -0.29 0.00	24.39 -0.24 0.00	22.79 -0.24 0.00	22.06 -0.19 0.00	21.81 -0.14 0.00	19.37 -0.13 0.00	20.63 -0.14 0.00	23.01 -0.14 0.00	22.79 -0.13 0.00	21.16 -0.28 0.00	24.43 -0.36 0.00	29.62 -0.42 0.00	32.98 -0.43 0.00	36.87 -0.48 0.00	36.86 -0.27 0.00	41.58 -0.17 0.00	39.81 -0.36 0.00	49.57 -0.34 0.00	59.19 0.31 0.00	66.62 0.50 0.00	60.08 0.48 0.00	38.13 0.21 0.00	33.52 -0.06 0.00
LI_NEWBRDGE____DRP 323616	31.64 1.71 0.00	25.27 1.45 0.00	25.89 1.26 0.00	24.08 1.05 0.00	23.25 1.00 0.00	22.89 0.94 0.00	20.38 0.88 0.00	21.76 0.99 0.00	24.39 1.23 0.00	24.23 1.31 0.00	24.15 1.55 -1.16	30.07 1.98 -3.29	36.60 2.42 -4.14	38.05 2.57 -2.07	40.88 2.57 -0.96	40.07 2.66 -0.28	44.61 2.86 0.00	43.35 3.18 0.00	53.22 3.31 0.00	62.15 3.27 0.00	69.90 3.79 0.00	63.04 3.43 0.00	40.06 2.14 0.00	35.82 2.24 -0.01
LOCKPORT_115KV_TB60_63_64 80432	30.99 1.06 0.00	24.45 0.63 0.00	25.29 0.66 0.00	23.56 0.53 0.00	22.61 0.36 0.00	22.24 0.30 0.00	19.50 -0.01 0.00	20.91 0.14 0.00	23.42 0.26 0.00	23.24 0.32 0.00	21.79 0.35 0.00	25.29 0.50 0.00	30.58 0.53 0.00	34.02 0.60 0.00	37.89 0.54 0.00	36.73 -0.40 0.00	41.34 -0.41 0.00	39.39 -0.78 0.00	49.07 -0.84 0.00	57.57 -1.31 0.00	64.38 -1.73 0.00	58.51 -1.09 0.00	37.74 -0.18 0.00	34.41 0.83 0.00
LOCKPORT____CC1 323769	30.98 1.05 0.00	24.45 0.62 0.00	25.29 0.66 0.00	23.56 0.53 0.00	22.61 0.35 0.00	22.24 0.30 0.00	19.50 0.00 0.00	20.94 0.16 0.00	23.42 0.27 0.00	23.24 0.32 0.00	21.79 0.35 0.00	25.29 0.50 0.00	30.57 0.53 0.00	34.01 0.60 0.00	37.86 0.52 0.00	36.70 -0.43 0.00	41.31 -0.44 0.00	39.36 -0.80 0.00	49.04 -0.87 0.00	57.53 -1.35 0.00	64.34 -1.78 0.00	58.48 -1.13 0.00	37.72 -0.20 0.00	34.38 0.80 0.00
LOCKPORT____CC2 323770	30.98 1.05 0.00	24.45 0.62 0.00	25.29 0.66 0.00	23.56 0.53 0.00	22.61 0.35 0.00	22.24 0.30 0.00	19.50 0.00 0.00	20.94 0.16 0.00	23.42 0.27 0.00	23.24 0.32 0.00	21.79 0.35 0.00	25.29 0.50 0.00	30.57 0.53 0.00	34.01 0.60 0.00	37.86 0.52 0.00	36.70 -0.43 0.00	41.31 -0.44 0.00	39.36 -0.80 0.00	49.04 -0.87 0.00	57.53 -1.35 0.00	64.34 -1.78 0.00	58.48 -1.13 0.00	37.72 -0.20 0.00	34.38 0.80 0.00
LOCKPORT____CC3 323771	30.98 1.05 0.00	24.45 0.62 0.00	25.29 0.66 0.00	23.56 0.53 0.00	22.61 0.35 0.00	22.24 0.30 0.00	19.50 0.00 0.00	20.94 0.16 0.00	23.42 0.27 0.00	23.24 0.32 0.00	21.79 0.35 0.00	25.29 0.50 0.00	30.57 0.53 0.00	34.01 0.60 0.00	37.86 0.52 0.00	36.70 -0.43 0.00	41.31 -0.44 0.00	39.36 -0.80 0.00	49.04 -0.87 0.00	57.53 -1.35 0.00	64.34 -1.78 0.00	58.48 -1.13 0.00	37.72 -0.20 0.00	34.38 0.80 0.00

LONG_LAKE_PHOENIX 24014	29.82 -0.11 0.00	23.69 -0.13 0.00	24.45 -0.18 0.00	22.84 -0.19 0.00	22.02 -0.23 0.00	21.73 -0.21 0.00	19.29 -0.21 0.00	20.57 -0.20 0.00	22.90 -0.25 0.00	22.64 -0.28 0.00	21.22 -0.22 0.00	24.55 -0.24 0.00	29.74 -0.30 0.00	33.07 -0.34 0.00	36.95 -0.40 0.00	36.59 -0.54 0.00	41.14 -0.61 0.00	39.67 -0.49 0.00	49.43 -0.48 0.00	58.20 -0.68 0.00	65.33 -0.78 0.00	58.85 -0.75 0.00	37.47 -0.45 0.00	33.29 -0.29 0.00
LOVETT___3 23632	31.22 1.29 0.00	24.91 1.09 0.00	25.55 0.93 0.00	23.86 0.84 0.00	23.07 0.82 0.00	22.70 0.76 0.00	20.24 0.74 0.00	21.58 0.80 0.00	24.16 1.01 0.00	24.01 1.09 0.00	21.09 1.25 1.60	26.30 1.51 0.00	32.35 1.88 -0.43	37.28 2.04 -1.82	40.59 2.37 -0.88	39.80 2.41 -0.25	44.32 2.57 0.00	42.80 2.64 0.00	52.96 3.05 0.00	61.90 3.01 0.00	69.40 3.29 0.00	62.53 2.92 0.00	39.68 1.77 0.00	35.16 1.58 0.00
LOVETT___4 23642	31.22 1.29 0.00	24.91 1.09 0.00	25.55 0.93 0.00	23.86 0.84 0.00	23.07 0.82 0.00	22.70 0.76 0.00	20.24 0.74 0.00	21.58 0.80 0.00	24.16 1.01 0.00	24.01 1.09 0.00	21.09 1.25 1.60	26.30 1.51 0.00	32.35 1.88 -0.43	37.28 2.04 -1.82	40.59 2.37 -0.88	39.80 2.41 -0.25	44.32 2.57 0.00	42.80 2.64 0.00	52.96 3.05 0.00	61.90 3.01 0.00	69.40 3.29 0.00	62.53 2.92 0.00	39.68 1.77 0.00	35.16 1.58 0.00
LOVETT___5 23593	31.22 1.29 0.00	24.91 1.09 0.00	25.55 0.93 0.00	23.86 0.84 0.00	23.07 0.82 0.00	22.70 0.76 0.00	20.24 0.74 0.00	21.58 0.80 0.00	24.16 1.01 0.00	24.01 1.09 0.00	21.09 1.25 1.60	26.30 1.51 0.00	32.35 1.88 -0.43	37.28 2.04 -1.82	40.59 2.37 -0.88	39.80 2.41 -0.25	44.32 2.57 0.00	42.80 2.64 0.00	52.96 3.05 0.00	61.90 3.01 0.00	69.40 3.29 0.00	62.53 2.92 0.00	39.68 1.77 0.00	35.16 1.58 0.00
LOWER_RAQUET___HYD 24057	29.15 -0.78 0.00	23.15 -0.67 0.00	24.00 -0.62 0.00	22.43 -0.60 0.00	21.70 -0.56 0.00	21.46 -0.48 0.00	19.07 -0.43 0.00	20.33 -0.44 0.00	22.69 -0.47 0.00	22.44 -0.48 0.00	20.84 -0.60 0.00	24.07 -0.73 0.00	29.18 -0.87 0.00	32.48 -0.94 0.00	36.25 -1.10 0.00	36.24 -0.89 0.00	40.93 -0.82 0.00	39.20 -0.96 0.00	48.82 -1.09 0.00	58.20 -0.69 0.00	65.48 -0.63 0.00	59.05 -0.55 0.00	37.48 -0.44 0.00	32.97 -0.61 0.00
LOWER___HUDSON 24059	30.69 0.76 0.00	24.50 0.68 0.00	25.23 0.61 0.00	23.63 0.60 0.00	22.90 0.65 0.00	22.60 0.66 0.00	20.10 0.59 0.00	21.31 0.54 0.00	23.71 0.55 0.00	23.53 0.61 0.00	22.26 0.55 -0.27	25.39 0.60 0.00	30.04 0.71 0.71	31.21 0.85 3.05	36.75 0.88 1.48	37.82 1.11 0.42	42.93 1.18 0.00	41.67 1.50 0.00	51.85 1.94 0.00	61.00 2.12 0.00	68.59 2.48 0.00	61.60 2.00 0.00	39.14 1.22 0.00	34.50 0.92 0.00
LOWVILLE_115KV_TB2 356335	30.26 0.33 0.00	24.01 0.19 0.00	24.78 0.16 0.00	22.94 -0.09 0.00	22.02 -0.23 0.00	21.83 -0.11 0.00	19.53 0.03 0.00	20.79 0.02 0.00	23.27 0.11 0.00	22.90 -0.02 0.00	21.33 -0.11 0.00	24.58 -0.21 0.00	29.86 -0.19 0.00	33.30 -0.12 0.00	37.03 -0.32 0.00	36.72 -0.41 0.00	41.59 -0.16 0.00	40.47 0.30 0.00	50.93 1.02 0.00	60.81 1.93 0.00	68.73 2.62 0.00	61.77 2.17 0.00	39.16 1.24 0.00	34.51 0.93 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.17 1.24 0.00	24.85 1.03 0.00	25.56 0.93 0.00	23.92 0.90 0.00	23.16 0.91 0.00	22.85 0.90 0.00	20.32 0.81 0.00	21.57 0.80 0.00	23.99 0.84 0.00	23.82 0.90 0.00	22.51 0.81 -0.26	25.75 0.96 0.00	30.67 1.20 0.57	32.41 1.44 2.44	37.74 1.58 1.18	38.60 1.81 0.34	43.84 2.09 0.00	42.55 2.39 0.00	53.02 3.11 0.00	62.37 3.48 0.00	70.04 3.93 0.00	62.89 3.29 0.00	39.90 1.98 0.00	35.14 1.57 0.00
LUTHERNY_35_KV_BK2 355980	31.21 1.28 0.00	24.87 1.05 0.00	25.56 0.93 0.00	23.92 0.89 0.00	23.16 0.91 0.00	22.85 0.90 0.00	20.32 0.81 0.00	21.58 0.81 0.00	24.01 0.86 0.00	23.84 0.92 0.00	22.54 0.83 -0.26	25.78 0.99 0.00	30.70 1.23 0.57	32.44 1.47 2.44	37.78 1.62 1.18	38.66 1.86 0.34	43.91 2.16 0.00	42.62 2.45 0.00	53.09 3.19 0.00	62.45 3.56 0.00	70.13 4.02 0.00	62.96 3.35 0.00	39.92 2.00 0.00	35.15 1.57 0.00
LWR___OSWEGATCHIE_HYD 23850	29.64 -0.28 0.00	23.53 -0.29 0.00	24.33 -0.30 0.00	22.63 -0.40 0.00	21.82 -0.44 0.00	21.60 -0.35 0.00	19.25 -0.25 0.00	20.51 -0.26 0.00	22.91 -0.24 0.00	22.59 -0.33 0.00	21.02 -0.42 0.00	24.25 -0.54 0.00	29.40 -0.64 0.00	32.77 -0.64 0.00	36.51 -0.84 0.00	36.36 -0.77 0.00	41.13 -0.63 0.00	39.69 -0.48 0.00	49.72 -0.18 0.00	59.39 0.51 0.00	67.02 0.91 0.00	60.29 0.68 0.00	38.23 0.31 0.00	33.65 0.07 0.00
LYONS_FALL_HYD 23570	30.39 0.46 0.00	24.12 0.30 0.00	24.90 0.27 0.00	23.12 0.09 0.00	22.25 0.00 0.00	22.02 0.07 0.00	19.65 0.15 0.00	20.93 0.16 0.00	23.39 0.24 0.00	23.09 0.17 0.00	21.55 0.11 0.00	24.87 0.08 0.00	30.20 0.16 0.00	33.66 0.24 0.00	37.52 0.17 0.00	37.23 0.09 0.00	42.07 0.32 0.00	40.82 0.65 0.00	51.19 1.28 0.00	60.84 1.95 0.00	68.58 2.47 0.00	61.66 2.06 0.00	39.11 1.19 0.00	34.50 0.92 0.00
MADISON___COUNTY_LFGE 323628	30.73 0.80 0.00	24.39 0.57 0.00	25.16 0.53 0.00	23.48 0.45 0.00	22.65 0.39 0.00	22.34 0.40 0.00	19.87 0.36 0.00	21.16 0.38 0.00	23.56 0.41 0.00	23.33 0.41 0.00	21.87 0.43 0.00	25.31 0.51 0.00	30.71 0.66 0.00	34.23 0.81 0.00	38.26 0.91 0.00	37.98 0.85 0.00	42.81 1.05 0.00	41.36 1.20 0.00	51.66 1.75 0.00	61.05 2.17 0.00	68.61 2.50 0.00	61.74 2.14 0.00	39.17 1.25 0.00	34.63 1.06 0.00
MALONE___115KV_TB1 356076	30.07 0.14 0.00	23.81 -0.01 0.00	24.61 -0.01 0.00	23.14 0.11 0.00	22.51 0.25 0.00	22.30 0.36 0.00	19.81 0.30 0.00	21.13 0.36 0.00	23.59 0.44 0.00	23.36 0.44 0.00	21.74 0.30 0.00	25.10 0.31 0.00	30.41 0.36 0.00	33.86 0.44 0.00	37.79 0.44 0.00	37.94 0.81 0.00	42.93 1.18 0.00	41.09 0.93 0.00	51.20 1.29 0.00	60.71 1.83 0.00	68.24 2.13 0.00	61.58 1.97 0.00	38.83 0.91 0.00	34.04 0.45 0.00
MAPLEWOD_115KV_TB3 80458	30.71 0.78 0.00	24.51 0.69 0.00	25.23 0.60 0.00	23.63 0.60 0.00	22.87 0.62 0.00	22.55 0.61 0.00	20.06 0.56 0.00	21.30 0.52 0.00	23.71 0.55 0.00	23.53 0.61 0.00	22.30 0.59 -0.27	25.47 0.68 0.00	30.34 0.83 0.54	32.10 1.00 2.31	37.32 1.09 1.12	38.11 1.30 0.32	43.20 1.45 0.00	41.90 1.74 0.00	52.10 2.20 0.00	61.24 2.35 0.00	68.81 2.70 0.00	61.84 2.24 0.00	39.25 1.33 0.00	34.60 1.02 0.00
MAPLE_RIDGE_WT_1 323574	29.72 -0.21 0.00	23.63 -0.19 0.00	24.42 -0.21 0.00	22.65 -0.38 0.00	21.81 -0.45 0.00	21.52 -0.43 0.00	19.29 -0.22 0.00	20.47 -0.30 0.00	22.98 -0.17 0.00	22.71 -0.21 0.00	21.14 -0.30 0.00	24.41 -0.39 0.00	29.69 -0.35 0.00	33.08 -0.33 0.00	36.87 -0.47 0.00	36.41 -0.72 0.00	41.13 -0.63 0.00	39.91 -0.25 0.00	49.79 -0.12 0.00	58.85 -0.03 0.00	66.18 0.06 0.00	59.63 0.02 0.00	37.89 -0.03 0.00	33.41 -0.17 0.00

MAPLE RIDGE_WT_2 323611	29.72 -0.21 0.00	23.63 -0.19 0.00	24.42 -0.21 0.00	22.65 -0.38 0.00	21.81 -0.45 0.00	21.52 -0.43 0.00	19.29 -0.22 0.00	20.47 -0.30 0.00	22.98 -0.17 0.00	22.71 -0.21 0.00	21.14 -0.30 0.00	24.41 -0.39 0.00	29.69 -0.35 0.00	33.08 -0.33 0.00	36.87 -0.47 0.00	36.41 -0.72 0.00	41.13 -0.63 0.00	39.91 -0.25 0.00	49.79 -0.12 0.00	58.85 -0.03 0.00	66.18 0.06 0.00	59.63 0.02 0.00	37.89 -0.03 0.00	33.41 -0.17 0.00
MARBLE RIVER_WT_PWR 323696	30.06 0.13 0.00	23.81 -0.01 0.00	24.57 -0.06 0.00	23.15 0.12 0.00	22.58 0.33 0.00	22.39 0.45 0.00	19.87 0.37 0.00	21.20 0.43 0.00	23.67 0.52 0.00	23.44 0.52 0.00	21.81 0.37 0.00	25.18 0.39 0.00	30.52 0.48 0.00	33.92 0.51 0.00	37.90 0.55 0.00	38.11 0.97 0.00	43.08 1.33 0.00	41.31 1.15 0.00	51.40 1.50 0.00	60.72 1.84 0.00	68.16 2.05 0.00	61.57 1.97 0.00	38.81 0.89 0.00	34.02 0.44 0.00
MARSHVLE_115KV_TB1 80742	32.61 2.68 0.00	25.94 2.12 0.00	26.82 2.19 0.00	25.07 2.04 0.00	24.16 1.91 0.00	23.75 1.80 0.00	21.08 1.58 0.00	22.45 1.67 0.00	25.08 1.92 0.00	24.79 1.87 0.00	23.39 1.77 -0.19	26.85 2.06 0.00	32.23 2.53 0.34	34.77 2.82 1.47	39.76 3.13 0.71	39.94 3.01 0.20	45.27 3.52 0.00	43.48 3.32 0.00	54.17 4.27 0.00	64.36 5.47 0.00	72.21 6.10 0.00	65.23 5.63 0.00	41.46 3.54 0.00	36.70 3.12 0.00
MARSH HILL_WT_PWR 323713	31.37 1.45 0.00	24.81 0.99 0.00	25.57 0.94 0.00	23.82 0.79 0.00	22.88 0.63 0.00	22.59 0.65 0.00	19.92 0.41 0.00	21.34 0.57 0.00	23.85 0.70 0.00	23.63 0.71 0.00	22.19 0.74 0.00	25.69 0.90 0.00	31.19 1.14 0.00	34.64 1.23 0.00	38.83 1.49 0.00	38.11 0.98 0.00	42.99 1.23 0.00	41.20 1.03 0.00	51.36 1.45 0.00	60.46 1.57 0.00	67.80 1.69 0.00	61.21 1.61 0.00	39.07 1.15 0.00	35.04 1.45 0.00
MCINTYRE_115KV_TB2 80467	29.92 -0.01 0.00	23.76 -0.06 0.00	24.65 0.02 0.00	23.04 0.01 0.00	22.30 0.04 0.00	22.03 0.09 0.00	19.56 0.06 0.00	20.82 0.05 0.00	23.22 0.07 0.00	23.00 0.08 0.00	21.36 -0.08 0.00	24.67 -0.12 0.00	29.91 -0.14 0.00	33.30 -0.12 0.00	37.24 -0.11 0.00	37.24 0.10 0.00	41.97 0.22 0.00	40.13 -0.03 0.00	49.94 0.03 0.00	59.71 0.83 0.00	67.25 1.14 0.00	60.66 1.06 0.00	38.51 0.59 0.00	33.88 0.30 0.00
MECO____69_KV_BK1 80468	33.44 3.51 0.00	26.56 2.73 0.00	27.37 2.74 0.00	25.57 2.54 0.00	24.65 2.40 0.00	24.28 2.33 0.00	21.45 1.94 0.00	22.44 1.67 0.00	24.98 1.83 0.00	24.67 1.75 0.00	23.21 1.56 -0.21	26.57 1.78 0.00	31.91 2.24 0.38	34.36 2.56 1.61	39.43 2.87 0.78	40.31 3.40 0.22	45.61 3.86 0.00	44.39 4.23 0.00	56.08 6.18 0.00	67.40 8.52 0.00	75.53 9.42 0.00	67.90 8.30 0.00	42.94 5.02 0.00	37.83 4.25 0.00
MENANDS__115KV_TB5 355628	30.36 0.43 0.00	24.25 0.43 0.00	24.98 0.35 0.00	23.40 0.37 0.00	22.67 0.42 0.00	22.35 0.41 0.00	19.88 0.38 0.00	21.09 0.32 0.00	23.48 0.33 0.00	23.31 0.38 0.00	22.10 0.39 -0.27	25.21 0.42 0.00	30.00 0.51 0.56	31.66 0.62 2.37	36.84 0.64 1.15	37.66 0.85 0.33	42.63 0.88 0.00	41.34 1.17 0.00	51.34 1.43 0.00	60.34 1.46 0.00	67.81 1.70 0.00	60.96 1.35 0.00	38.72 0.80 0.00	34.15 0.57 0.00
MG INDUSTRY___DRP 24185	30.52 0.60 0.00	24.37 0.55 0.00	25.13 0.50 0.00	23.54 0.51 0.00	22.80 0.55 0.00	22.48 0.54 0.00	20.00 0.50 0.00	21.22 0.45 0.00	23.60 0.45 0.00	23.40 0.48 0.00	22.16 0.47 -0.25	25.31 0.52 0.00	30.33 0.62 0.34	32.69 0.72 1.45	37.41 0.76 0.70	37.85 0.92 0.20	42.72 0.97 0.00	41.34 1.18 0.00	51.34 1.43 0.00	60.39 1.51 0.00	67.89 1.78 0.00	61.13 1.52 0.00	38.84 0.92 0.00	34.28 0.70 0.00
MID___OSWEGATCHIE_HYD 23849	29.64 -0.28 0.00	23.53 -0.29 0.00	24.33 -0.30 0.00	22.63 -0.40 0.00	21.82 -0.44 0.00	21.60 -0.35 0.00	19.25 -0.25 0.00	20.51 -0.26 0.00	22.91 -0.24 0.00	22.59 -0.33 0.00	21.02 -0.42 0.00	24.25 -0.54 0.00	29.40 -0.64 0.00	32.77 -0.64 0.00	36.51 -0.84 0.00	36.36 -0.77 0.00	41.13 -0.63 0.00	39.69 -0.48 0.00	49.72 -0.18 0.00	59.39 0.51 0.00	67.02 0.91 0.00	60.29 0.68 0.00	38.23 0.31 0.00	33.65 0.07 0.00
MID___RAQUETTE_HYD 23851	29.15 -0.78 0.00	23.15 -0.67 0.00	24.00 -0.63 0.00	22.43 -0.60 0.00	21.70 -0.56 0.00	21.46 -0.48 0.00	19.07 -0.43 0.00	20.33 -0.44 0.00	22.69 -0.47 0.00	22.44 -0.48 0.00	20.84 -0.60 0.00	24.07 -0.73 0.00	29.17 -0.87 0.00	32.48 -0.94 0.00	36.25 -1.10 0.00	36.24 -0.89 0.00	40.93 -0.82 0.00	39.20 -0.96 0.00	48.81 -1.09 0.00	58.20 -0.69 0.00	65.48 -0.63 0.00	59.05 -0.55 0.00	37.48 -0.44 0.00	32.97 -0.61 0.00
MILLIKEN___1 23584	30.84 0.91 0.00	24.43 0.61 0.00	25.22 0.59 0.00	23.55 0.52 0.00	22.72 0.47 0.00	22.38 0.44 0.00	19.89 0.39 0.00	21.23 0.46 0.00	23.59 0.44 0.00	23.32 0.40 0.00	21.89 0.45 0.00	25.33 0.54 0.00	30.74 0.69 0.00	34.20 0.79 0.00	38.27 0.93 0.00	37.86 0.73 0.00	42.66 0.91 0.00	41.24 1.07 0.00	51.45 1.55 0.00	60.65 1.77 0.00	68.17 2.06 0.00	61.38 1.77 0.00	39.01 1.09 0.00	34.61 1.03 0.00
MILLIKEN___2 23585	30.84 0.91 0.00	24.43 0.61 0.00	25.22 0.59 0.00	23.55 0.52 0.00	22.72 0.47 0.00	22.38 0.44 0.00	19.89 0.39 0.00	21.23 0.46 0.00	23.59 0.44 0.00	23.32 0.40 0.00	21.89 0.45 0.00	25.33 0.54 0.00	30.74 0.69 0.00	34.20 0.79 0.00	38.27 0.93 0.00	37.86 0.73 0.00	42.66 0.91 0.00	41.24 1.07 0.00	51.45 1.55 0.00	60.65 1.77 0.00	68.17 2.06 0.00	61.38 1.77 0.00	39.01 1.09 0.00	34.61 1.03 0.00
MILLIKEN___DIESEL 23629	30.84 0.91 0.00	24.43 0.61 0.00	25.22 0.59 0.00	23.55 0.52 0.00	22.72 0.47 0.00	22.38 0.44 0.00	19.89 0.39 0.00	21.23 0.46 0.00	23.59 0.44 0.00	23.32 0.40 0.00	21.89 0.45 0.00	25.33 0.54 0.00	30.74 0.69 0.00	34.20 0.79 0.00	38.27 0.93 0.00	37.86 0.73 0.00	42.66 0.91 0.00	41.24 1.07 0.00	51.45 1.55 0.00	60.65 1.77 0.00	68.17 2.06 0.00	61.38 1.77 0.00	39.01 1.09 0.00	34.61 1.03 0.00
MILLSEAT___LFGE 323607	31.49 1.56 0.00	24.83 1.01 0.00	25.67 1.04 0.00	23.90 0.88 0.00	22.94 0.69 0.00	22.57 0.62 0.00	19.81 0.30 0.00	21.25 0.47 0.00	23.75 0.60 0.00	23.56 0.64 0.00	22.08 0.64 0.00	25.65 0.86 0.00	31.14 1.09 0.00	34.64 1.23 0.00	38.62 1.27 0.00	37.53 0.40 0.00	42.23 0.48 0.00	40.44 0.28 0.00	50.44 0.53 0.00	59.24 0.35 0.00	66.29 0.17 0.00	60.11 0.51 0.00	38.64 0.73 0.00	35.05 1.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.31 1.38 0.00	24.99 1.18 0.00	25.63 1.00 0.00	23.94 0.92 0.00	23.15 0.90 0.00	22.78 0.84 0.00	20.31 0.80 0.00	21.65 0.87 0.00	24.23 1.08 0.00	24.09 1.16 0.00	24.05 1.32 -1.29	26.37 1.58 0.00	32.46 1.94 -0.46	37.48 2.10 -1.97	40.68 2.38 -0.95	39.87 2.46 -0.27	44.36 2.61 0.00	42.88 2.72 0.00	53.03 3.13 0.00	61.97 3.09 0.00	69.53 3.42 0.00	62.65 3.04 0.00	39.79 1.86 0.00	35.25 1.67 0.00

MILLWOOD_13_KV_LOAD 356217	31.41 1.48 0.00	25.08 1.26 0.00	25.70 1.08 0.00	24.01 0.99 0.00	23.21 0.96 0.00	22.85 0.90 0.00	20.37 0.86 0.00	21.71 0.94 0.00	24.31 1.16 0.00	24.16 1.24 0.00	24.13 1.40 -1.29	26.47 1.68 0.00	32.58 2.07 -0.46	37.63 2.24 -1.97	40.85 2.55 -0.95	40.04 2.63 -0.27	44.57 2.82 0.00	43.08 2.92 0.00	53.29 3.38 0.00	62.27 3.38 0.00	69.85 3.74 0.00	62.91 3.31 0.00	39.94 2.02 0.00	35.39 1.81 0.00
MODEL_CITY_ENERGY 24167	30.67 0.74 0.00	24.20 0.38 0.00	25.04 0.42 0.00	23.33 0.30 0.00	22.40 0.14 0.00	22.03 0.09 0.00	19.31 -0.19 0.00	20.73 -0.05 0.00	23.18 0.03 0.00	23.00 0.08 0.00	21.56 0.12 0.00	25.02 0.23 0.00	30.22 0.18 0.00	33.61 0.19 0.00	37.41 0.07 0.00	36.25 -0.88 0.00	40.81 -0.94 0.00	38.86 -1.31 0.00	48.40 -1.51 0.00	56.77 -2.11 0.00	63.50 -2.61 0.00	57.76 -1.84 0.00	37.27 -0.65 0.00	34.02 0.44 0.00
MODERN_LFGE_ 323580	30.67 0.74 0.00	24.20 0.38 0.00	25.04 0.42 0.00	23.33 0.30 0.00	22.40 0.14 0.00	22.03 0.09 0.00	19.31 -0.19 0.00	20.73 -0.05 0.00	23.18 0.03 0.00	23.00 0.08 0.00	21.56 0.12 0.00	25.02 0.23 0.00	30.22 0.18 0.00	33.61 0.19 0.00	37.41 0.07 0.00	36.25 -0.88 0.00	40.81 -0.94 0.00	38.86 -1.31 0.00	48.40 -1.51 0.00	56.77 -2.11 0.00	63.50 -2.61 0.00	57.76 -1.84 0.00	37.27 -0.65 0.00	34.02 0.44 0.00
MOHAWK_PAPER___DRP 24187	30.71 0.78 0.00	24.51 0.69 0.00	25.23 0.60 0.00	23.63 0.60 0.00	22.87 0.62 0.00	22.55 0.61 0.00	20.06 0.56 0.00	21.30 0.52 0.00	23.71 0.55 0.00	23.53 0.61 0.00	22.30 0.59 -0.27	25.47 0.68 0.00	30.34 0.83 0.54	32.10 1.00 2.31	37.32 1.09 1.12	38.11 1.30 0.32	43.20 1.45 0.00	41.90 1.74 0.00	52.10 2.20 0.00	61.24 2.35 0.00	68.81 2.70 0.00	61.84 2.24 0.00	39.25 1.33 0.00	34.60 1.02 0.00
MOHICAN___35_KV_115KV_LD 80490	31.19 1.27 0.00	24.87 1.05 0.00	25.55 0.92 0.00	23.90 0.88 0.00	23.14 0.88 0.00	22.81 0.87 0.00	20.29 0.79 0.00	21.55 0.77 0.00	23.89 0.74 0.00	23.73 0.81 0.00	22.33 0.63 -0.26	25.61 0.81 0.00	30.54 1.05 0.56	32.39 1.38 2.40	37.69 1.50 1.16	38.66 1.86 0.33	43.99 2.24 0.00	42.77 2.61 0.00	53.54 3.63 0.00	62.95 4.07 0.00	70.67 4.55 0.00	63.31 3.70 0.00	40.16 2.24 0.00	35.32 1.74 0.00
MONGAUP___HYD 23641	31.06 1.13 0.00	24.74 0.92 0.00	25.40 0.77 0.00	23.74 0.71 0.00	22.93 0.68 0.00	22.58 0.64 0.00	20.12 0.61 0.00	21.41 0.64 0.00	23.93 0.78 0.00	23.66 0.74 0.00	21.36 0.82 0.91	25.77 0.98 0.00	31.70 1.28 -0.37	36.34 1.36 -1.57	39.81 1.70 -0.76	39.29 1.94 -0.22	43.54 1.79 0.00	42.09 1.93 0.00	52.31 2.40 0.00	61.95 3.07 0.00	69.57 3.46 0.00	62.87 3.27 0.00	39.86 1.94 0.00	35.27 1.70 0.00
MONTAUK___DIESEL 23721	33.99 4.06 0.00	27.06 3.24 0.00	27.73 3.10 0.00	25.66 2.63 0.00	24.70 2.44 0.00	24.36 2.42 0.00	21.68 2.18 0.00	23.26 2.49 0.00	26.17 3.02 0.00	25.99 3.07 0.00	25.61 3.01 -1.16	31.90 3.81 -3.29	39.13 4.94 -4.14	41.01 5.52 -2.07	44.18 5.87 -0.96	43.35 5.93 -0.29	48.41 6.65 -0.01	239.61 6.93 -192.52	227.63 7.84 -169.89	100.72 8.49 -33.35	84.70 9.48 -9.11	76.76 8.05 -9.11	42.71 4.79 0.00	38.21 4.62 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.99 2.06 0.00	25.14 1.32 0.00	25.93 1.30 0.00	24.09 1.06 0.00	23.07 0.82 0.00	22.74 0.79 0.00	20.04 0.54 0.00	21.61 0.84 0.00	24.27 1.12 0.00	24.14 1.22 0.00	22.77 1.33 0.00	26.40 1.61 0.00	32.08 2.04 0.00	35.64 2.22 0.00	39.93 2.58 0.00	38.91 1.78 0.00	43.85 2.10 0.00	41.76 1.59 0.00	51.98 2.07 0.00	61.03 2.14 0.00	68.27 2.16 0.00	61.76 2.16 0.00	39.59 1.68 0.00	35.72 2.14 0.00
MORTIMER_115KV_TB3 55949	31.08 1.15 0.00	24.57 0.75 0.00	25.37 0.74 0.00	23.66 0.63 0.00	22.75 0.50 0.00	22.40 0.46 0.00	19.74 0.24 0.00	21.13 0.36 0.00	23.61 0.46 0.00	23.44 0.52 0.00	22.00 0.56 0.00	25.54 0.74 0.00	30.97 0.93 0.00	34.48 1.07 0.00	38.52 1.18 0.00	37.75 0.62 0.00	42.44 0.68 0.00	40.70 0.53 0.00	50.70 0.79 0.00	59.49 0.61 0.00	66.55 0.44 0.00	60.16 0.55 0.00	38.49 0.57 0.00	34.62 1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.17 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.92 0.98 0.00	20.44 0.94 0.00	21.80 1.02 0.00	24.41 1.26 0.00	24.27 1.35 0.00	24.12 1.51 -1.16	26.62 1.83 0.00	32.74 2.22 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.14 2.74 -0.27	44.65 2.90 0.00	43.13 2.97 0.00	53.31 3.41 0.00	62.25 3.37 0.00	69.85 3.74 0.00	62.97 3.36 0.00	40.03 2.12 0.00	35.50 1.93 0.00
MUNSVILLE_WIND_PWR 323609	32.35 2.43 0.00	25.62 1.80 0.00	26.39 1.76 0.00	24.62 1.60 0.00	23.73 1.48 0.00	23.46 1.51 0.00	20.83 1.33 0.00	22.21 1.44 0.00	24.66 1.51 0.00	24.39 1.47 0.00	22.92 1.48 0.00	26.41 1.62 0.00	32.36 2.32 0.00	35.96 2.54 0.00	40.24 2.90 0.00	39.76 2.63 0.00	44.85 3.10 0.00	43.58 3.42 0.00	54.85 4.94 0.00	64.89 6.00 0.00	72.84 6.73 0.00	65.48 5.88 0.00	41.42 3.50 0.00	36.61 3.03 0.00
N SALMON___HYD 24042	30.07 0.14 0.00	23.81 -0.01 0.00	24.61 -0.01 0.00	23.14 0.11 0.00	22.51 0.25 0.00	22.30 0.36 0.00	19.80 0.30 0.00	21.13 0.36 0.00	23.59 0.44 0.00	23.36 0.44 0.00	21.74 0.30 0.00	25.10 0.31 0.00	30.41 0.36 0.00	33.85 0.44 0.00	37.79 0.44 0.00	37.94 0.81 0.00	42.93 1.17 0.00	41.09 0.93 0.00	51.20 1.29 0.00	60.71 1.83 0.00	68.24 2.13 0.00	61.57 1.97 0.00	38.83 0.91 0.00	34.04 0.46 0.00
N.AKRON___115KV_KNAPP 355671	31.40 1.47 0.00	24.77 0.95 0.00	25.60 0.98 0.00	23.84 0.81 0.00	22.88 0.63 0.00	22.51 0.57 0.00	19.75 0.24 0.00	21.17 0.40 0.00	23.70 0.55 0.00	23.52 0.60 0.00	22.05 0.61 0.00	25.60 0.81 0.00	31.04 0.99 0.00	34.54 1.13 0.00	38.50 1.15 0.00	37.39 0.25 0.00	42.07 0.32 0.00	40.20 0.04 0.00	50.15 0.24 0.00	58.87 -0.01 0.00	65.84 -0.27 0.00	59.75 0.15 0.00	38.44 0.52 0.00	34.93 1.35 0.00
N.BELMOR_69_KV_BK1 55787	31.97 2.04 0.00	25.51 1.69 0.00	26.12 1.49 0.00	24.28 1.25 0.00	23.45 1.19 0.00	23.08 1.13 0.00	20.55 1.04 0.00	21.95 1.18 0.00	24.62 1.47 0.00	24.46 1.54 0.00	24.39 1.79 -1.16	30.36 2.28 -3.29	36.97 2.79 -4.14	38.49 3.00 -2.07	41.40 3.09 -0.96	40.54 3.14 -0.28	45.19 3.44 0.00	43.89 3.73 0.00	53.91 4.00 0.00	62.93 4.05 0.00	70.71 4.61 0.00	63.77 4.17 0.00	40.58 2.66 0.00	36.24 2.65 0.00
N.E._GEN_SANDY PD 24062	30.01 0.76 0.67	24.54 0.72 0.00	25.21 0.59 0.00	23.62 0.59 0.00	22.89 0.64 0.00	22.57 0.62 0.00	20.08 0.58 0.00	21.32 0.55 0.00	23.68 0.60 0.07	23.60 0.68 0.00	22.53 0.67 -0.41	25.51 0.72 0.00	27.07 0.84 3.82	18.11 0.95 16.26	30.47 1.00 7.87	36.09 1.20 2.25	40.10 1.24 2.89	43.90 1.55 -2.19	51.76 1.85 0.00	60.79 1.91 0.00	68.33 2.22 0.00	61.82 1.80 -0.42	39.66 1.11 -0.63	34.26 0.84 0.16

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.29 1.36 0.00	24.96 1.14 0.00	25.59 0.97 0.00	23.90 0.88 0.00	23.11 0.86 0.00	22.74 0.80 0.00	20.28 0.77 0.00	21.61 0.84 0.00	24.21 1.05 0.00	24.06 1.14 0.00	21.18 1.30 1.57	26.37 1.58 0.00	32.44 1.97 -0.42	37.37 2.15 -1.81	40.71 2.49 -0.88	39.93 2.55 -0.25	44.47 2.72 0.00	42.94 2.78 0.00	53.12 3.22 0.00	62.09 3.20 0.00	69.60 3.49 0.00	62.68 3.08 0.00	39.78 1.86 0.00	35.25 1.67 0.00
N. QUEENS_27_KV_LOAD 356247	31.46 1.53 0.00	25.12 1.30 0.00	25.73 1.10 0.00	24.05 1.02 0.00	23.25 1.00 0.00	22.87 0.93 0.00	20.42 0.92 0.00	21.75 0.98 0.00	24.36 1.21 0.00	24.23 1.31 0.00	24.11 1.51 -1.16	26.65 1.86 0.00	32.78 2.27 -0.47	37.70 2.30 -1.99	40.87 2.56 -0.96	40.06 2.66 -0.27	44.56 2.81 0.00	43.07 2.91 0.00	53.23 3.33 0.00	62.18 3.30 0.00	69.77 3.66 0.00	62.91 3.31 0.00	40.05 2.13 0.00	35.52 1.94 0.00
N. TROY___115KV_TB1 355778	30.69 0.76 0.00	24.50 0.68 0.00	25.23 0.60 0.00	23.63 0.60 0.00	22.90 0.65 0.00	22.60 0.66 0.00	20.10 0.59 0.00	21.32 0.55 0.00	23.71 0.55 0.00	23.53 0.61 0.00	22.26 0.55 -0.27	25.39 0.60 0.00	30.04 0.71 0.71	31.21 0.85 3.05	36.75 0.88 1.48	37.82 1.11 0.42	42.93 1.18 0.00	41.67 1.51 0.00	51.85 1.94 0.00	61.01 2.12 0.00	68.59 2.48 0.00	61.60 2.00 0.00	39.14 1.22 0.00	34.50 0.92 0.00
NARROWS_GT1_1 24228	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT1_2 24229	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 0.00	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT1_3 24230	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT1_4 24231	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT1_5 24232	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT1_6 24233	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT1_7 24234	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT1_8 24235	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT2_1 24236	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT2_2 24237	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT2_3 24238	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT2_4 24239	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00

NARROWS_GT2_5 24240	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT2_6 24241	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT2_7 24242	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NARROWS_GT2_8 24243	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.89 1.11 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.95 2.55 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.85 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.60 0.00	40.18 2.26 0.00	35.62 2.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.94 1.01 0.00	24.65 0.83 0.00	25.39 0.76 0.00	23.79 0.76 0.00	23.03 0.78 0.00	22.71 0.77 0.00	20.19 0.69 0.00	21.41 0.64 0.00	23.77 0.61 0.00	23.52 0.60 0.00	22.19 0.55 -0.20	25.41 0.62 0.00	30.62 0.82 0.24	33.35 0.98 1.04	37.96 1.12 0.50	38.39 1.40 0.14	43.35 1.59 0.00	42.10 1.94 0.00	52.49 2.58 0.00	62.04 3.16 0.00	69.84 3.73 0.00	62.71 3.11 0.00	39.70 1.78 0.00	34.89 1.31 0.00
NCHELSEA_115KV_TR2 355582	31.48 1.55 0.00	25.11 1.30 0.00	25.76 1.13 0.00	24.07 1.05 0.00	23.28 1.03 0.00	22.91 0.97 0.00	20.41 0.90 0.00	21.74 0.97 0.00	24.33 1.18 0.00	24.18 1.26 0.00	22.83 1.39 0.00	26.46 1.67 0.00	32.46 2.06 -0.35	37.19 2.29 -1.49	40.72 2.65 -0.72	40.10 2.76 -0.20	44.79 3.04 0.00	43.32 3.16 0.00	53.65 3.75 0.00	62.73 3.85 0.00	70.33 4.22 0.00	63.27 3.67 0.00	40.16 2.24 0.00	35.51 1.93 0.00
NEG CAPITAL___MECHNVIL 23645	31.16 1.24 0.00	24.85 1.03 0.00	25.55 0.93 0.00	23.90 0.88 0.00	23.15 0.90 0.00	22.84 0.90 0.00	20.31 0.81 0.00	21.56 0.79 0.00	23.98 0.83 0.00	23.83 0.91 0.00	22.54 0.83 -0.26	25.78 0.99 0.00	30.66 1.24 0.62	32.23 1.48 2.66	37.68 1.62 1.29	38.62 1.86 0.37	43.89 2.13 0.00	42.62 2.46 0.00	53.10 3.19 0.00	62.43 3.55 0.00	70.10 3.98 0.00	62.91 3.30 0.00	39.90 1.98 0.00	35.14 1.56 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.72 0.79 0.00	24.31 0.48 0.00	25.09 0.47 0.00	23.41 0.38 0.00	22.53 0.27 0.00	22.18 0.24 0.00	19.60 0.10 0.00	20.97 0.19 0.00	23.41 0.26 0.00	23.23 0.31 0.00	21.81 0.36 0.00	25.32 0.53 0.00	30.69 0.65 0.00	34.16 0.75 0.00	38.21 0.87 0.00	37.56 0.43 0.00	42.29 0.54 0.00	40.63 0.46 0.00	50.61 0.71 0.00	59.38 0.49 0.00	66.42 0.31 0.00	59.95 0.35 0.00	38.27 0.36 0.00	34.29 0.71 0.00
NEG CENTRAL___DRP 24199	30.66 0.74 0.00	24.33 0.51 0.00	25.10 0.47 0.00	23.42 0.39 0.00	22.57 0.32 0.00	22.25 0.30 0.00	19.73 0.23 0.00	21.09 0.31 0.00	23.48 0.33 0.00	23.21 0.29 0.00	21.82 0.38 0.00	25.27 0.48 0.00	30.60 0.55 0.00	34.03 0.62 0.00	38.16 0.82 0.00	37.69 0.56 0.00	42.47 0.72 0.00	40.95 0.78 0.00	51.09 1.19 0.00	60.10 1.22 0.00	67.36 1.25 0.00	60.62 1.02 0.00	38.59 0.67 0.00	34.34 0.76 0.00
NEG CENTRAL___INDECK 23768	32.12 2.19 0.00	25.34 1.52 0.00	26.13 1.50 0.00	24.34 1.31 0.00	23.37 1.12 0.00	23.04 1.09 0.00	20.29 0.78 0.00	21.65 0.88 0.00	24.00 0.85 0.00	23.78 0.86 0.00	22.34 0.90 0.00	25.93 1.14 0.00	31.46 1.41 0.00	35.00 1.59 0.00	39.20 1.85 0.00	38.43 1.30 0.00	43.46 1.71 0.00	41.74 1.58 0.00	51.87 1.97 0.00	61.48 2.59 0.00	69.33 3.23 0.00	62.72 3.12 0.00	39.99 2.07 0.00	35.86 2.28 0.00
NEG CENTRAL___SENECA 23627	30.92 0.99 0.00	24.56 0.74 0.00	25.30 0.67 0.00	23.60 0.57 0.00	22.71 0.46 0.00	22.41 0.47 0.00	19.85 0.34 0.00	21.23 0.46 0.00	23.68 0.53 0.00	23.41 0.49 0.00	22.00 0.56 0.00	25.48 0.69 0.00	30.84 0.79 0.00	34.31 0.89 0.00	38.48 1.13 0.00	37.98 0.85 0.00	42.78 1.03 0.00	41.22 1.06 0.00	51.51 1.60 0.00	60.58 1.69 0.00	67.84 1.73 0.00	61.07 1.46 0.00	38.89 0.97 0.00	34.64 1.06 0.00
NEG CENTRAL___STATE_STREET 24147	30.70 0.77 0.00	24.27 0.45 0.00	25.12 0.49 0.00	23.46 0.43 0.00	22.65 0.39 0.00	22.23 0.29 0.00	19.81 0.30 0.00	21.17 0.40 0.00	23.46 0.30 0.00	23.18 0.26 0.00	21.83 0.39 0.00	25.31 0.52 0.00	30.65 0.59 0.00	34.05 0.63 0.00	38.19 0.84 0.00	37.67 0.54 0.00	42.54 0.79 0.00	41.11 0.94 0.00	51.08 1.17 0.00	60.07 1.18 0.00	67.57 1.45 0.00	60.83 1.22 0.00	38.70 0.79 0.00	34.39 0.81 0.00
NEG MILLWOOD___DRP 24198	31.60 1.67 0.00	25.21 1.38 0.00	25.84 1.22 0.00	24.14 1.11 0.00	23.33 1.08 0.00	22.97 1.03 0.00	20.47 0.97 0.00	21.82 1.05 0.00	24.43 1.28 0.00	24.30 1.38 0.00	23.39 1.52 -0.43	26.62 1.84 0.00	32.72 2.27 -0.40	37.62 2.51 -1.71	41.06 2.88 -0.83	40.35 2.98 -0.23	45.05 3.30 0.00	43.59 3.42 0.00	53.93 4.02 0.00	63.01 4.13 0.00	70.63 4.52 0.00	63.54 3.94 0.00	40.31 2.40 0.00	35.64 2.06 0.00
NEG NORTH_FLCN_SEA 23793	30.43 0.50 0.00	24.10 0.28 0.00	24.84 0.21 0.00	23.39 0.36 0.00	22.84 0.59 0.00	22.67 0.72 0.00	20.12 0.61 0.00	21.45 0.68 0.00	23.92 0.76 0.00	23.69 0.77 0.00	22.04 0.60 0.00	25.44 0.65 0.00	30.85 0.81 0.00	34.29 0.88 0.00	38.35 1.00 0.00	38.63 1.50 0.00	43.69 1.94 0.00	41.94 1.77 0.00	52.21 2.30 0.00	61.52 2.64 0.00	69.06 2.95 0.00	62.46 2.85 0.00	39.39 1.47 0.00	34.48 0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	30.05 0.12 0.00	23.81 -0.01 0.00	24.58 -0.05 0.00	23.16 0.13 0.00	22.57 0.32 0.00	22.37 0.42 0.00	19.85 0.34 0.00	21.19 0.42 0.00	23.65 0.50 0.00	23.40 0.48 0.00	21.77 0.33 0.00	25.14 0.35 0.00	30.46 0.41 0.00	33.87 0.45 0.00	37.82 0.47 0.00	38.02 0.89 0.00	42.99 1.24 0.00	41.16 1.00 0.00	51.27 1.36 0.00	60.65 1.76 0.00	68.08 1.97 0.00	61.47 1.87 0.00	38.75 0.83 0.00	33.96 0.38 0.00

NEG NORTH___ALICE_FALLS 23915	30.43 0.51 0.00	24.09 0.27 0.00	24.83 0.20 0.00	23.38 0.35 0.00	22.81 0.56 0.00	22.64 0.69 0.00	20.09 0.59 0.00	21.44 0.66 0.00	23.91 0.76 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.44 0.65 0.00	30.86 0.81 0.00	34.32 0.90 0.00	38.36 1.01 0.00	38.62 1.49 0.00	43.72 1.96 0.00	41.98 1.81 0.00	52.29 2.38 0.00	61.71 2.83 0.00	69.26 3.15 0.00	62.60 2.99 0.00	39.44 1.52 0.00	34.51 0.93 0.00
NEG NORTH___LWR_SARANAC 23913	30.43 0.51 0.00	24.09 0.27 0.00	24.83 0.20 0.00	23.38 0.35 0.00	22.81 0.56 0.00	22.64 0.69 0.00	20.09 0.59 0.00	21.44 0.66 0.00	23.91 0.76 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.44 0.65 0.00	30.86 0.81 0.00	34.32 0.90 0.00	38.36 1.01 0.00	38.62 1.49 0.00	43.72 1.96 0.00	41.98 1.81 0.00	52.29 2.38 0.00	61.71 2.83 0.00	69.26 3.15 0.00	62.60 2.99 0.00	39.44 1.52 0.00	34.51 0.93 0.00
NEG NORTH___PLATTSBURG 23628	30.43 0.51 0.00	24.09 0.27 0.00	24.83 0.20 0.00	23.38 0.35 0.00	22.81 0.55 0.00	22.64 0.70 0.00	20.09 0.59 0.00	21.43 0.66 0.00	23.91 0.76 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.44 0.65 0.00	30.86 0.81 0.00	34.32 0.90 0.00	38.36 1.01 0.00	38.62 1.49 0.00	43.72 1.96 0.00	41.98 1.82 0.00	52.29 2.38 0.00	61.71 2.83 0.00	69.27 3.15 0.00	62.60 2.99 0.00	39.44 1.52 0.00	34.51 0.93 0.00
NEG WEST_LEA_LOCKPORT 23791	30.98 1.05 0.00	24.45 0.62 0.00	25.29 0.66 0.00	23.56 0.53 0.00	22.61 0.36 0.00	22.24 0.30 0.00	19.50 0.00 0.00	20.92 0.15 0.00	23.42 0.27 0.00	23.24 0.32 0.00	21.79 0.35 0.00	25.28 0.49 0.00	30.57 0.53 0.00	34.01 0.60 0.00	37.86 0.52 0.00	36.72 -0.41 0.00	41.31 -0.44 0.00	39.37 -0.80 0.00	49.04 -0.87 0.00	57.53 -1.35 0.00	64.35 -1.76 0.00	58.46 -1.15 0.00	37.72 -0.20 0.00	34.38 0.80 0.00
NEG WEST___LANCASTR 23811	31.05 1.13 0.00	24.50 0.68 0.00	25.30 0.67 0.00	23.57 0.55 0.00	22.65 0.39 0.00	22.33 0.38 0.00	19.62 0.12 0.00	21.07 0.30 0.00	23.61 0.46 0.00	23.43 0.51 0.00	22.00 0.56 0.00	25.47 0.68 0.00	30.88 0.83 0.00	34.32 0.91 0.00	38.34 0.99 0.00	37.36 0.22 0.00	42.07 0.32 0.00	40.07 -0.09 0.00	49.96 0.05 0.00	58.58 -0.30 0.00	65.55 -0.56 0.00	59.33 -0.27 0.00	38.12 0.20 0.00	34.50 0.91 0.00
NEG_PENN_ALLEGHNY 23528	30.55 0.62 0.00	24.24 0.43 0.00	24.99 0.37 0.00	23.34 0.32 0.00	22.52 0.26 0.00	22.23 0.28 0.00	19.72 0.22 0.00	21.06 0.28 0.00	23.49 0.34 0.00	23.25 0.33 0.00	21.87 0.43 0.00	25.28 0.49 0.00	30.72 0.67 0.00	34.13 0.72 0.00	38.25 0.91 0.00	37.84 0.70 0.00	42.52 0.76 0.00	40.91 0.75 0.00	50.94 1.04 0.00	59.85 0.96 0.00	67.16 1.05 0.00	60.49 0.89 0.00	38.52 0.60 0.00	34.24 0.66 0.00
NEG___GEN_MONROE 24207	31.36 1.43 0.00	24.77 0.95 0.00	25.60 0.97 0.00	23.89 0.86 0.00	22.97 0.72 0.00	22.61 0.67 0.00	19.87 0.37 0.00	21.26 0.49 0.00	23.75 0.60 0.00	23.57 0.65 0.00	22.11 0.67 0.00	25.68 0.89 0.00	31.18 1.13 0.00	34.69 1.28 0.00	38.81 1.46 0.00	37.95 0.82 0.00	42.69 0.94 0.00	40.97 0.80 0.00	51.07 1.16 0.00	59.89 1.00 0.00	67.01 0.91 0.00	60.61 1.01 0.00	38.78 0.86 0.00	34.91 1.33 0.00
NEPA___ENERGY 23901	31.06 1.13 0.00	24.46 0.64 0.00	25.24 0.61 0.00	23.51 0.48 0.00	22.57 0.32 0.00	22.30 0.36 0.00	19.66 0.15 0.00	21.13 0.36 0.00	23.64 0.49 0.00	23.44 0.52 0.00	22.12 0.67 0.00	25.57 0.78 0.00	31.11 1.06 0.00	34.51 1.10 0.00	38.80 1.45 0.00	37.79 0.66 0.00	42.50 0.75 0.00	40.45 0.29 0.00	50.42 0.51 0.00	59.08 0.19 0.00	66.17 0.05 0.00	59.73 0.13 0.00	38.33 0.41 0.00	34.56 0.98 0.00
NEVERSINK___HYD 23608	31.25 1.32 0.00	24.89 1.07 0.00	25.50 0.87 0.00	23.80 0.77 0.00	22.99 0.74 0.00	22.62 0.68 0.00	20.16 0.66 0.00	21.50 0.72 0.00	24.07 0.91 0.00	23.77 0.85 0.00	21.65 0.38 0.17	25.30 0.51 0.00	30.97 0.70 -0.22	35.18 0.81 -0.96	38.91 1.10 -0.46	38.54 1.28 -0.13	43.02 1.27 0.00	41.70 1.53 0.00	51.81 1.90 0.00	60.58 1.70 0.00	67.85 1.74 0.00	61.71 2.10 0.00	39.93 2.01 0.00	35.23 1.65 0.00
NEWKRMKL_115KV_TB1 55635	30.26 0.33 0.00	24.16 0.34 0.00	24.88 0.25 0.00	23.31 0.28 0.00	22.56 0.31 0.00	22.25 0.31 0.00	19.79 0.29 0.00	21.01 0.24 0.00	23.40 0.25 0.00	23.22 0.30 0.00	22.03 0.32 -0.27	25.16 0.37 0.00	29.99 0.45 0.51	31.81 0.55 2.16	36.88 0.58 1.05	37.62 0.78 0.30	42.57 0.82 0.00	41.26 1.09 0.00	51.22 1.31 0.00	60.17 1.29 0.00	67.62 1.51 0.00	60.81 1.21 0.00	38.60 0.68 0.00	34.04 0.46 0.00
NEWTON___FALLS_HYD 23847	29.64 -0.28 0.00	23.53 -0.29 0.00	24.33 -0.30 0.00	22.63 -0.40 0.00	21.82 -0.44 0.00	21.60 -0.35 0.00	19.25 -0.25 0.00	20.51 -0.26 0.00	22.91 -0.24 0.00	22.59 -0.33 0.00	21.02 -0.42 0.00	24.25 -0.54 0.00	29.40 -0.64 0.00	32.77 -0.64 0.00	36.51 -0.84 0.00	36.36 -0.77 0.00	41.13 -0.63 0.00	39.69 -0.48 0.00	49.72 -0.18 0.00	59.39 0.51 0.00	67.02 0.91 0.00	60.29 0.68 0.00	38.23 0.31 0.00	33.65 0.07 0.00
NGRID_A1_DSASP 323792	30.57 0.65 0.00	24.14 0.32 0.00	24.99 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.73 -0.04 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.94 0.15 0.00	30.11 0.06 0.00	33.47 0.06 0.00	37.23 -0.12 0.00	36.06 -1.07 0.00	40.34 -1.41 0.00	38.38 -1.79 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.67 -3.44 0.00	57.04 -2.56 0.00	36.95 -0.97 0.00	33.87 0.29 0.00
NGRID_A2_DSASP 323793	30.57 0.65 0.00	24.14 0.32 0.00	24.99 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.73 -0.04 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.94 0.15 0.00	30.11 0.06 0.00	33.47 0.06 0.00	37.23 -0.12 0.00	36.06 -1.07 0.00	40.34 -1.41 0.00	38.38 -1.79 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.67 -3.44 0.00	57.04 -2.56 0.00	36.95 -0.97 0.00	33.87 0.29 0.00
NGRID_A4_DSASP 323807	30.57 0.65 0.00	24.15 0.32 0.00	25.00 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.71 -0.06 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.93 0.14 0.00	30.11 0.06 0.00	33.47 0.05 0.00	37.23 -0.12 0.00	36.07 -1.06 0.00	40.35 -1.41 0.00	38.39 -1.78 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.68 -3.43 0.00	57.04 -2.56 0.00	36.94 -0.98 0.00	33.86 0.28 0.00
NIAGARA_115E_LBMP 323715	30.49 0.56 0.00	24.07 0.25 0.00	24.91 0.29 0.00	23.21 0.18 0.00	22.28 0.03 0.00	21.92 -0.02 0.00	19.20 -0.30 0.00	20.62 -0.16 0.00	23.06 -0.09 0.00	22.87 -0.05 0.00	21.44 0.00 0.00	24.86 0.07 0.00	30.02 -0.03 0.00	33.37 -0.04 0.00	37.15 -0.19 0.00	35.98 -1.16 0.00	40.51 -1.24 0.00	38.56 -1.60 0.00	48.02 -1.89 0.00	56.32 -2.56 0.00	62.99 -3.12 0.00	57.34 -2.27 0.00	37.03 -0.89 0.00	33.82 0.24 0.00

NIAGARA_115W_LBMP 323714	30.51 0.58 0.00	24.09 0.27 0.00	24.94 0.31 0.00	23.24 0.22 0.00	22.32 0.06 0.00	21.96 0.02 0.00	19.34 -0.16 0.00	20.69 -0.09 0.00	23.08 -0.07 0.00	22.90 -0.02 0.00	21.45 0.01 0.00	24.88 0.09 0.00	30.04 0.00 0.00	33.39 -0.02 0.00	37.15 -0.20 0.00	35.97 -1.16 0.00	40.22 -1.53 0.00	38.26 -1.90 0.00	47.63 -2.28 0.00	55.87 -3.01 0.00	62.50 -3.61 0.00	56.90 -2.71 0.00	36.85 -1.07 0.00	33.79 0.21 0.00
NIAGARA_230_LBMP 323716	30.66 0.74 0.00	24.22 0.39 0.00	25.06 0.43 0.00	23.36 0.33 0.00	22.43 0.17 0.00	22.08 0.13 0.00	19.37 -0.14 0.00	20.77 0.00 0.00	23.22 0.07 0.00	23.04 0.12 0.00	21.58 0.14 0.00	25.03 0.23 0.00	30.23 0.19 0.00	33.60 0.18 0.00	37.39 0.04 0.00	36.28 -0.85 0.00	40.79 -0.97 0.00	38.83 -1.33 0.00	48.36 -1.54 0.00	56.73 -2.15 0.00	63.47 -2.64 0.00	57.69 -1.91 0.00	37.23 -0.69 0.00	33.96 0.38 0.00
NIAGARA__115KV_198_GIBSON 55903	30.51 0.58 0.00	24.09 0.27 0.00	24.94 0.31 0.00	23.24 0.22 0.00	22.32 0.06 0.00	21.96 0.02 0.00	19.34 -0.16 0.00	20.67 -0.11 0.00	23.08 -0.07 0.00	22.90 -0.02 0.00	21.45 0.01 0.00	24.88 0.09 0.00	30.04 -0.01 0.00	33.39 -0.03 0.00	37.14 -0.21 0.00	35.98 -1.16 0.00	40.23 -1.52 0.00	38.27 -1.90 0.00	47.63 -2.28 0.00	55.87 -3.01 0.00	62.49 -3.62 0.00	56.88 -2.72 0.00	36.85 -1.07 0.00	33.79 0.21 0.00
NIAGARA____ 23760	30.51 0.59 0.00	24.09 0.27 0.00	24.94 0.31 0.00	23.24 0.21 0.00	22.32 0.06 0.00	21.95 0.01 0.00	19.28 -0.22 0.00	20.69 -0.08 0.00	23.13 -0.02 0.00	22.96 0.04 0.00	21.50 0.06 0.00	24.94 0.15 0.00	30.12 0.08 0.00	33.49 0.07 0.00	37.28 -0.07 0.00	36.13 -1.00 0.00	40.57 -1.18 0.00	38.61 -1.56 0.00	48.08 -1.83 0.00	56.41 -2.47 0.00	63.11 -3.00 0.00	57.36 -2.24 0.00	37.06 -0.86 0.00	33.86 0.28 0.00
NINE_MILE_1 23575	29.34 -0.59 0.00	23.31 -0.51 0.00	24.09 -0.54 0.00	22.50 -0.53 0.00	21.72 -0.54 0.00	21.42 -0.52 0.00	19.02 -0.48 0.00	20.28 -0.49 0.00	22.57 -0.59 0.00	22.31 -0.61 0.00	20.91 -0.53 0.00	24.19 -0.61 0.00	29.30 -0.75 0.00	32.57 -0.84 0.00	36.40 -0.94 0.00	36.09 -1.05 0.00	40.58 -1.17 0.00	39.07 -1.09 0.00	48.61 -1.30 0.00	57.26 -1.63 0.00	64.26 -1.86 0.00	57.92 -1.68 0.00	36.88 -1.04 0.00	32.76 -0.81 0.00
NINE_MILE_2 23744	29.34 -0.59 0.00	23.31 -0.51 0.00	24.09 -0.54 0.00	22.50 -0.52 0.00	21.72 -0.54 0.00	21.42 -0.52 0.00	19.02 -0.48 0.00	20.29 -0.49 0.00	22.57 -0.58 0.00	22.31 -0.61 0.00	20.91 -0.53 0.00	24.18 -0.61 0.00	29.30 -0.75 0.00	32.57 -0.84 0.00	36.40 -0.94 0.00	36.09 -1.05 0.00	40.58 -1.17 0.00	39.07 -1.09 0.00	48.61 -1.30 0.00	57.26 -1.63 0.00	64.26 -1.86 0.00	57.92 -1.68 0.00	36.88 -1.04 0.00	32.76 -0.81 0.00
NM_CAPITAL____DRP 24208	30.29 0.36 0.00	24.20 0.38 0.00	24.92 0.29 0.00	23.35 0.32 0.00	22.61 0.36 0.00	22.30 0.35 0.00	19.84 0.33 0.00	21.04 0.27 0.00	23.42 0.27 0.00	23.25 0.33 0.00	22.04 0.33 -0.27	25.16 0.37 0.00	29.94 0.44 0.55	31.59 0.54 2.36	36.75 0.55 1.14	37.56 0.76 0.33	42.53 0.78 0.00	41.23 1.06 0.00	51.19 1.29 0.00	60.17 1.29 0.00	67.63 1.51 0.00	60.81 1.21 0.00	38.62 0.70 0.00	34.06 0.47 0.00
NM_CENTRAL____DRP 24181	30.02 0.09 0.00	23.84 0.02 0.00	24.60 -0.02 0.00	22.98 -0.05 0.00	22.17 -0.09 0.00	21.86 -0.08 0.00	19.41 -0.10 0.00	20.70 -0.08 0.00	23.05 -0.10 0.00	22.81 -0.11 0.00	21.42 -0.02 0.00	24.79 0.00 0.00	30.05 0.01 0.00	33.38 -0.04 0.00	37.31 -0.04 0.00	36.96 -0.18 0.00	41.59 -0.16 0.00	40.07 -0.09 0.00	49.91 0.00 0.00	58.73 -0.15 0.00	65.85 -0.26 0.00	59.30 -0.30 0.00	37.72 -0.20 0.00	33.52 -0.06 0.00
NM_FRONTIER____DRP 24179	30.51 0.58 0.00	24.09 0.27 0.00	24.94 0.31 0.00	23.24 0.22 0.00	22.32 0.06 0.00	21.96 0.02 0.00	19.34 -0.16 0.00	20.67 -0.11 0.00	23.08 -0.07 0.00	22.90 -0.02 0.00	21.45 0.01 0.00	24.88 0.09 0.00	30.04 -0.01 0.00	33.39 -0.03 0.00	37.14 -0.21 0.00	35.98 -1.16 0.00	40.23 -1.52 0.00	38.27 -1.90 0.00	47.63 -2.28 0.00	55.87 -3.01 0.00	62.49 -3.62 0.00	56.88 -2.72 0.00	36.85 -1.07 0.00	33.79 0.21 0.00
NM_ST_REGIS____HYD 24053	29.41 -0.52 0.00	23.34 -0.48 0.00	24.18 -0.45 0.00	22.63 -0.40 0.00	21.93 -0.33 0.00	21.70 -0.25 0.00	19.27 -0.23 0.00	20.55 -0.22 0.00	22.94 -0.21 0.00	22.70 -0.22 0.00	21.10 -0.34 0.00	24.36 -0.43 0.00	29.52 -0.52 0.00	32.86 -0.55 0.00	36.69 -0.66 0.00	36.72 -0.42 0.00	41.48 -0.27 0.00	39.73 -0.43 0.00	49.48 -0.42 0.00	58.93 0.04 0.00	66.27 0.16 0.00	59.78 0.18 0.00	37.87 -0.05 0.00	33.27 -0.31 0.00
NORTHPORT____1 23551	31.77 1.84 0.00	25.44 1.61 0.00	26.06 1.43 0.00	24.19 1.16 0.00	23.33 1.08 0.00	22.97 1.02 0.00	20.46 0.96 0.00	21.82 1.04 0.00	24.45 1.29 0.00	24.27 1.35 0.00	24.17 1.57 -1.16	30.12 2.03 -3.29	36.72 2.54 -4.14	38.14 2.66 -2.07	40.69 2.38 -0.96	39.75 2.34 -0.28	44.24 2.49 0.00	26.84 2.88 16.20	37.78 2.89 15.01	58.74 2.82 2.96	68.66 3.35 0.81	61.83 3.04 0.80	39.76 1.84 0.00	35.73 2.15 -0.01
NORTHPORT____2 23552	31.77 1.84 0.00	25.44 1.61 0.00	26.06 1.43 0.00	24.19 1.16 0.00	23.33 1.08 0.00	22.97 1.02 0.00	20.46 0.96 0.00	21.82 1.04 0.00	24.45 1.29 0.00	24.27 1.35 0.00	24.17 1.57 -1.16	30.12 2.03 -3.29	36.72 2.54 -4.14	38.14 2.66 -2.07	40.69 2.38 -0.96	39.75 2.34 -0.28	44.24 2.49 0.00	26.84 2.88 16.20	37.78 2.89 15.01	58.74 2.82 2.96	68.66 3.35 0.81	61.83 3.04 0.80	39.76 1.84 0.00	35.73 2.15 -0.01
NORTHPORT____3 23553	31.77 1.84 0.00	25.39 1.57 0.00	26.01 1.38 0.00	24.17 1.14 0.00	23.31 1.06 0.00	22.96 1.01 0.00	20.44 0.94 0.00	21.81 1.04 0.00	24.45 1.29 0.00	24.27 1.35 0.00	24.19 1.59 -1.16	30.14 2.06 -3.29	36.74 2.55 -4.14	38.15 2.66 -2.07	40.76 2.45 -0.96	39.88 2.47 -0.28	44.39 2.64 0.00	26.38 3.24 17.02	38.07 3.18 15.02	58.93 3.00 2.95	68.95 3.65 0.81	61.99 3.19 0.81	39.85 1.93 0.00	35.77 2.19 -0.01
NORTHPORT____4 23650	31.77 1.84 0.00	25.39 1.57 0.00	26.01 1.38 0.00	24.17 1.14 0.00	23.31 1.06 0.00	22.96 1.01 0.00	20.44 0.94 0.00	21.81 1.04 0.00	24.45 1.29 0.00	24.27 1.35 0.00	24.19 1.59 -1.16	30.14 2.06 -3.29	36.74 2.55 -4.14	38.15 2.66 -2.07	40.76 2.45 -0.96	39.88 2.47 -0.28	44.39 2.64 0.00	26.38 3.24 17.02	38.07 3.18 15.02	58.93 3.00 2.95	68.95 3.65 0.81	61.99 3.19 0.81	39.85 1.93 0.00	35.77 2.19 -0.01
NORTHPORT____IC 23718	31.77 1.84 0.00	25.44 1.61 0.00	26.06 1.43 0.00	24.19 1.16 0.00	23.33 1.08 0.00	22.97 1.02 0.00	20.46 0.96 0.00	21.82 1.04 0.00	24.45 1.29 0.00	24.27 1.35 0.00	24.17 1.57 -1.16	30.12 2.03 -3.29	36.72 2.54 -4.14	38.14 2.66 -2.07	40.69 2.38 -0.96	39.75 2.34 -0.28	44.24 2.49 0.00	26.84 2.88 16.20	37.78 2.89 15.01	58.74 2.82 2.96	68.66 3.35 0.81	61.83 3.04 0.80	39.76 1.84 0.00	35.73 2.15 -0.01

NORTH____COUNTRY_ESR 323785	29.98 0.06 0.00	23.75 -0.07 0.00	24.52 -0.11 0.00	23.11 0.08 0.00	22.52 0.27 0.00	22.32 0.38 0.00	19.81 0.31 0.00	21.15 0.37 0.00	23.61 0.46 0.00	23.38 0.46 0.00	21.75 0.31 0.00	25.11 0.31 0.00	30.43 0.38 0.00	33.82 0.40 0.00	37.77 0.43 0.00	37.97 0.84 0.00	42.93 1.17 0.00	41.13 0.96 0.00	51.18 1.27 0.00	60.52 1.64 0.00	67.94 1.83 0.00	61.33 1.72 0.00	38.66 0.74 0.00	33.88 0.30 0.00
NPX_GEN_1385_PROXY 323591	31.28 1.35 0.00	25.29 1.47 0.00	25.90 1.27 0.00	24.05 1.02 0.00	23.19 0.94 0.00	22.78 0.83 0.00	20.38 0.88 0.00	21.69 0.92 0.00	24.18 1.03 0.00	24.00 1.08 0.00	23.63 1.04 -1.16	29.52 1.44 -3.29	36.00 1.82 -4.14	37.40 1.92 -2.07	40.40 2.09 -0.96	39.27 1.86 -0.28	43.72 1.97 0.00	26.34 2.38 16.20	37.18 2.29 15.01	57.79 1.86 2.96	68.47 3.17 0.81	62.06 3.26 0.80	39.70 1.78 0.00	35.46 1.87 -0.01
NPX_GEN_CSC 323557	32.35 2.43 0.00	25.89 2.06 0.00	26.60 1.97 0.00	24.63 1.60 0.00	23.74 1.49 0.00	23.45 1.50 0.00	20.88 1.38 0.00	22.31 1.54 0.00	24.95 1.80 0.00	24.57 1.65 0.00	24.25 1.66 -1.16	30.25 2.17 -3.29	36.98 2.80 -4.14	38.57 3.08 -2.07	41.37 3.05 -0.96	40.57 3.15 -0.29	45.20 3.44 -0.01	236.28 3.91 -192.21	223.55 4.03 -169.61	96.42 4.24 -33.29	80.09 4.89 -9.10	72.96 4.26 -9.10	40.41 2.49 0.00	36.15 2.57 -0.01
NSINS_S_GLNS_FALLS 23858	31.14 1.22 0.00	24.83 1.01 0.00	25.50 0.87 0.00	23.86 0.84 0.00	23.09 0.84 0.00	22.77 0.83 0.00	20.26 0.75 0.00	21.52 0.74 0.00	23.87 0.72 0.00	23.71 0.79 0.00	22.30 0.60 -0.26	25.58 0.79 0.00	30.52 1.03 0.56	32.39 1.36 2.37	37.67 1.48 1.15	38.63 1.83 0.33	43.94 2.19 0.00	42.70 2.54 0.00	53.46 3.56 0.00	62.86 3.97 0.00	70.56 4.45 0.00	63.24 3.63 0.00	40.08 2.17 0.00	35.28 1.70 0.00
NUCOR_STEEL____DRP 24197	30.68 0.75 0.00	24.23 0.41 0.00	25.10 0.47 0.00	23.44 0.41 0.00	22.64 0.39 0.00	22.21 0.26 0.00	19.80 0.29 0.00	21.14 0.37 0.00	23.43 0.27 0.00	23.15 0.23 0.00	21.81 0.37 0.00	25.29 0.50 0.00	30.62 0.57 0.00	33.99 0.58 0.00	38.16 0.81 0.00	37.62 0.49 0.00	42.50 0.75 0.00	41.05 0.89 0.00	50.95 1.05 0.00	59.90 1.02 0.00	67.43 1.32 0.00	60.74 1.13 0.00	38.66 0.74 0.00	34.35 0.77 0.00
NUMBER_THREE_WT_PWR 323818	30.21 0.28 0.00	23.97 0.15 0.00	24.75 0.12 0.00	22.89 -0.14 0.00	21.98 -0.27 0.00	21.80 -0.15 0.00	19.50 0.00 0.00	20.77 -0.01 0.00	23.24 0.09 0.00	22.88 -0.04 0.00	21.30 -0.14 0.00	24.55 -0.24 0.00	29.81 -0.23 0.00	33.25 -0.16 0.00	36.97 -0.38 0.00	36.66 -0.47 0.00	41.54 -0.21 0.00	40.40 0.24 0.00	50.85 0.95 0.00	60.75 1.87 0.00	68.67 2.56 0.00	61.72 2.12 0.00	39.13 1.21 0.00	34.48 0.90 0.00
NYISO_LBMP_REFERENCE 24008	29.93 0.00 0.00	23.82 0.00 0.00	24.63 0.00 0.00	23.03 0.00 0.00	22.25 0.00 0.00	21.94 0.00 0.00	19.50 0.00 0.00	20.77 0.00 0.00	23.15 0.00 0.00	22.92 0.00 0.00	21.44 0.00 0.00	24.79 0.00 0.00	30.05 0.00 0.00	33.42 0.00 0.00	37.35 0.00 0.00	37.13 0.00 0.00	41.75 0.00 0.00	40.16 0.00 0.00	49.91 0.00 0.00	58.88 0.00 0.00	66.11 0.00 0.00	59.60 0.00 0.00	37.92 0.00 0.00	33.58 0.00 0.00
NYPA_BRENTWD____GT 24164	32.29 2.36 0.00	25.80 1.98 0.00	26.43 1.81 0.00	24.53 1.50 0.00	23.64 1.39 0.00	23.27 1.33 0.00	20.73 1.23 0.00	22.13 1.36 0.00	24.80 1.65 0.00	24.64 1.72 0.00	24.51 1.92 -1.16	30.53 2.45 -3.29	37.26 3.08 -4.14	38.83 3.34 -2.07	41.57 3.26 -0.96	40.52 3.11 -0.28	44.94 3.19 0.00	83.85 3.61 -40.08	89.06 3.79 -35.37	70.03 4.20 -6.94	72.88 4.87 -1.90	65.97 4.47 -1.90	40.70 2.78 0.00	36.46 2.88 -0.01
NYPA_GOWANUS____GT5 24156	31.66 1.73 0.00	25.30 1.48 0.00	25.91 1.28 0.00	24.20 1.17 0.00	23.38 1.13 0.00	23.01 1.06 0.00	20.53 1.02 0.00	21.88 1.10 0.00	24.52 1.36 0.00	24.38 1.46 0.00	24.24 1.64 -1.16	26.80 2.00 0.00	32.91 2.40 -0.47	37.94 2.53 -1.99	41.23 2.92 -0.96	40.39 2.99 -0.27	44.83 3.08 0.00	43.29 3.12 0.00	53.47 3.56 0.00	62.43 3.54 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
NYPA_GOWANUS____GT6 24157	31.66 1.73 0.00	25.30 1.48 0.00	25.91 1.28 0.00	24.20 1.17 0.00	23.38 1.13 0.00	23.01 1.06 0.00	20.53 1.02 0.00	21.88 1.10 0.00	24.52 1.36 0.00	24.38 1.46 0.00	24.24 1.64 -1.16	26.80 2.00 0.00	32.91 2.40 -0.47	37.94 2.53 -1.99	41.23 2.92 -0.96	40.39 2.99 -0.27	44.83 3.08 0.00	43.29 3.12 0.00	53.47 3.56 0.00	62.43 3.54 0.00	70.04 3.93 0.00	63.19 3.58 0.00	40.17 2.25 0.00	35.61 2.03 0.00
NYPA_HARLEM_RVR_GT1 24160	31.40 1.47 0.00	25.08 1.26 0.00	25.70 1.07 0.00	24.02 0.99 0.00	23.23 0.97 0.00	22.85 0.90 0.00	20.39 0.89 0.00	21.71 0.94 0.00	24.33 1.18 0.00	24.19 1.27 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.72 2.21 -0.47	37.64 2.23 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.12 3.22 0.00	62.06 3.17 0.00	69.63 3.52 0.00	62.78 3.18 0.00	39.95 2.04 0.00	35.45 1.87 0.00
NYPA_HARLEM_RVR_GT2 24161	31.40 1.47 0.00	25.08 1.26 0.00	25.70 1.07 0.00	24.02 0.99 0.00	23.23 0.97 0.00	22.85 0.90 0.00	20.39 0.89 0.00	21.71 0.94 0.00	24.33 1.18 0.00	24.19 1.27 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.72 2.21 -0.47	37.64 2.23 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.12 3.22 0.00	62.06 3.17 0.00	69.63 3.52 0.00	62.78 3.18 0.00	39.95 2.04 0.00	35.45 1.87 0.00
NYPA_KENT____GT 24152	31.63 1.70 0.00	25.27 1.45 0.00	25.88 1.25 0.00	24.18 1.15 0.00	23.36 1.11 0.00	22.99 1.04 0.00	20.51 1.01 0.00	21.86 1.09 0.00	24.50 1.34 0.00	24.37 1.45 0.00	24.21 1.61 -1.16	26.76 1.96 0.00	32.87 2.35 -0.47	37.88 2.48 -1.99	41.13 2.82 -0.96	40.29 2.88 -0.27	44.70 2.95 0.00	43.17 3.00 0.00	53.34 3.43 0.00	62.26 3.38 0.00	69.86 3.75 0.00	63.03 3.43 0.00	40.11 2.20 0.00	35.58 2.00 0.00
NYPA_POUCH1____GT 24155	31.61 1.68 0.00	25.28 1.45 0.00	25.88 1.25 0.00	24.18 1.15 0.00	23.36 1.11 0.00	22.99 1.04 0.00	20.50 1.00 0.00	21.85 1.08 0.00	24.48 1.33 0.00	24.35 1.43 0.00	24.22 1.61 -1.16	26.77 1.97 0.00	32.83 2.32 -0.47	37.82 2.42 -1.98	41.20 2.89 -0.96	40.35 2.94 -0.27	44.73 2.98 0.00	43.18 3.01 0.00	53.35 3.44 0.00	62.30 3.41 0.00	69.89 3.78 0.00	63.04 3.44 0.00	39.90 2.14 0.16	35.34 1.91 0.14
NYPA_VERNON____GT2 24162	31.59 1.66 0.00	25.23 1.41 0.00	25.84 1.21 0.00	24.14 1.11 0.00	23.34 1.08 0.00	22.96 1.02 0.00	20.48 0.98 0.00	21.83 1.06 0.00	24.47 1.32 0.00	24.33 1.41 0.00	24.17 1.56 -1.16	26.70 1.91 0.00	32.82 2.31 -0.47	37.82 2.42 -1.99	41.04 2.73 -0.96	40.20 2.79 -0.27	44.61 2.86 0.00	43.09 2.92 0.00	53.24 3.33 0.00	62.14 3.26 0.00	69.73 3.62 0.00	62.91 3.31 0.00	40.04 2.12 0.00	35.55 1.97 0.00

NYPA_VERNON____GT3 24163	31.59 1.66 0.00	25.23 1.41 0.00	25.84 1.21 0.00	24.14 1.11 0.00	23.34 1.08 0.00	22.96 1.02 0.00	20.48 0.98 0.00	21.83 1.06 0.00	24.47 1.32 0.00	24.33 1.41 0.00	24.17 1.56 -1.16	26.70 1.91 0.00	32.82 2.31 -0.47	37.82 2.42 -1.99	41.04 2.73 -0.96	40.20 2.79 -0.27	44.61 2.86 0.00	43.09 2.92 0.00	53.24 3.33 0.00	62.14 3.26 0.00	69.73 3.62 0.00	62.91 3.31 0.00	40.04 2.12 0.00	35.55 1.97 0.00
NYPA____ASTORIA_CC1 323568	31.54 1.61 0.00	25.20 1.38 0.00	25.82 1.19 0.00	24.11 1.09 0.00	23.31 1.06 0.00	22.93 0.99 0.00	20.46 0.96 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.77 2.36 -1.99	40.96 2.65 -0.96	40.12 2.72 -0.27	44.54 2.79 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.98 2.07 0.00	35.49 1.92 0.00
NYPA____ASTORIA_CC2 323569	31.54 1.61 0.00	25.20 1.38 0.00	25.82 1.19 0.00	24.11 1.09 0.00	23.31 1.06 0.00	22.93 0.99 0.00	20.46 0.96 0.00	21.81 1.04 0.00	24.44 1.29 0.00	24.30 1.38 0.00	24.13 1.52 -1.16	26.65 1.86 0.00	32.77 2.26 -0.47	37.77 2.36 -1.99	40.96 2.65 -0.96	40.12 2.72 -0.27	44.54 2.79 0.00	43.02 2.86 0.00	53.16 3.25 0.00	62.05 3.17 0.00	69.63 3.52 0.00	62.81 3.21 0.00	39.98 2.07 0.00	35.49 1.92 0.00
NYPA____HOLTSVILL 23794	32.12 2.19 0.00	25.68 1.86 0.00	26.33 1.70 0.00	24.41 1.38 0.00	23.53 1.28 0.00	23.19 1.25 0.00	20.65 1.15 0.00	22.06 1.28 0.00	24.71 1.56 0.00	24.49 1.57 0.00	24.32 1.73 -1.16	30.31 2.23 -3.29	36.99 2.81 -4.14	38.55 3.07 -2.07	41.29 2.98 -0.96	40.46 3.04 -0.29	45.01 3.25 -0.01	232.97 3.68 -189.12	220.64 3.85 -166.88	95.60 3.96 -32.76	79.68 4.62 -8.95	72.67 4.12 -8.95	40.39 2.47 0.00	36.18 2.60 -0.01
NYPA____HELLGATE_GT1 24158	31.40 1.47 0.00	25.08 1.26 0.00	25.70 1.07 0.00	24.02 0.99 0.00	23.23 0.97 0.00	22.85 0.90 0.00	20.39 0.89 0.00	21.71 0.94 0.00	24.33 1.18 0.00	24.19 1.27 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.72 2.21 -0.47	37.64 2.23 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.12 3.22 0.00	62.06 3.17 0.00	69.63 3.51 0.00	62.78 3.18 0.00	39.95 2.04 0.00	35.45 1.87 0.00
NYPA____HELLGATE_GT2 24159	31.40 1.47 0.00	25.08 1.26 0.00	25.70 1.07 0.00	24.02 0.99 0.00	23.23 0.97 0.00	22.85 0.90 0.00	20.39 0.89 0.00	21.71 0.94 0.00	24.33 1.18 0.00	24.19 1.27 0.00	24.07 1.46 -1.16	26.59 1.80 0.00	32.72 2.21 -0.47	37.64 2.23 -1.99	40.78 2.47 -0.96	39.98 2.57 -0.27	44.46 2.71 0.00	42.97 2.81 0.00	53.12 3.22 0.00	62.06 3.17 0.00	69.63 3.51 0.00	62.78 3.18 0.00	39.95 2.04 0.00	35.45 1.87 0.00
NYS_BARGE____HYD 23848	30.99 1.06 0.00	24.45 0.63 0.00	25.29 0.66 0.00	23.55 0.53 0.00	22.61 0.36 0.00	22.24 0.30 0.00	19.50 0.00 0.00	20.93 0.16 0.00	23.42 0.26 0.00	23.24 0.32 0.00	21.79 0.35 0.00	25.29 0.50 0.00	30.58 0.54 0.00	34.02 0.61 0.00	37.89 0.55 0.00	36.73 -0.40 0.00	41.33 -0.42 0.00	39.38 -0.79 0.00	49.06 -0.84 0.00	57.57 -1.31 0.00	64.38 -1.73 0.00	58.51 -1.09 0.00	37.74 -0.17 0.00	34.40 0.82 0.00
OAK ORCHARD____HYD 24046	31.08 1.15 0.00	24.57 0.74 0.00	25.38 0.75 0.00	23.66 0.63 0.00	22.75 0.50 0.00	22.40 0.46 0.00	19.74 0.24 0.00	21.14 0.37 0.00	23.61 0.46 0.00	23.44 0.52 0.00	22.00 0.56 0.00	25.54 0.75 0.00	30.97 0.93 0.00	34.48 1.07 0.00	38.52 1.18 0.00	37.75 0.61 0.00	42.44 0.68 0.00	40.69 0.53 0.00	50.70 0.79 0.00	59.49 0.61 0.00	66.55 0.44 0.00	60.18 0.58 0.00	38.49 0.57 0.00	34.62 1.04 0.00
OAKDALE__35_KV_LOAD 356122	30.45 0.52 0.00	24.17 0.35 0.00	24.93 0.30 0.00	23.28 0.26 0.00	22.46 0.21 0.00	22.18 0.23 0.00	19.67 0.16 0.00	21.00 0.22 0.00	23.42 0.27 0.00	23.18 0.26 0.00	21.80 0.36 0.00	25.20 0.40 0.00	30.61 0.56 0.00	34.00 0.58 0.00	38.11 0.76 0.00	37.69 0.55 0.00	42.34 0.59 0.00	40.73 0.56 0.00	50.69 0.78 0.00	59.56 0.68 0.00	66.82 0.72 0.00	60.23 0.63 0.00	38.36 0.44 0.00	34.11 0.53 0.00
OCC_CHEM____DRP 24175	30.57 0.65 0.00	24.15 0.32 0.00	25.00 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.71 -0.06 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.93 0.14 0.00	30.11 0.06 0.00	33.47 0.05 0.00	37.23 -0.12 0.00	36.07 -1.06 0.00	40.35 -1.41 0.00	38.39 -1.78 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.68 -3.43 0.00	57.04 -2.56 0.00	36.94 -0.98 0.00	33.86 0.28 0.00
OH_GEN_PROXY 24063	30.65 0.72 0.00	24.21 0.39 0.00	25.05 0.42 0.00	23.35 0.33 0.00	22.42 0.17 0.00	22.07 0.13 0.00	19.37 -0.13 0.00	20.79 0.02 0.00	23.24 0.09 0.00	23.06 0.13 0.00	21.60 0.16 0.00	25.05 0.25 0.00	30.26 0.22 0.00	33.63 0.22 0.00	55.80 0.10 -18.35	36.35 -0.79 0.00	77.54 -0.87 -36.66	38.92 -1.25 0.00	48.47 -1.44 0.00	56.86 -2.02 0.00	63.63 -2.48 0.00	57.78 -1.82 0.00	37.25 -0.67 0.00	33.96 0.38 0.00
OLIN_CORP_DRP 24177	30.54 0.61 0.00	24.11 0.29 0.00	24.95 0.32 0.00	23.25 0.22 0.00	22.32 0.07 0.00	21.96 0.02 0.00	19.24 -0.26 0.00	20.64 -0.14 0.00	23.10 -0.05 0.00	22.91 -0.01 0.00	21.47 0.03 0.00	24.90 0.11 0.00	30.08 0.03 0.00	33.44 0.03 0.00	37.23 -0.12 0.00	36.07 -1.06 0.00	40.60 -1.15 0.00	38.65 -1.52 0.00	48.13 -1.78 0.00	56.45 -2.43 0.00	63.14 -2.97 0.00	57.45 -2.15 0.00	37.09 -0.82 0.00	33.86 0.28 0.00
OLIN_CORP_DSASP 323712	30.57 0.65 0.00	24.14 0.32 0.00	24.99 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.73 -0.04 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.94 0.15 0.00	30.11 0.06 0.00	33.47 0.06 0.00	37.23 -0.12 0.00	36.06 -1.07 0.00	40.34 -1.41 0.00	38.38 -1.79 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.67 -3.44 0.00	57.04 -2.56 0.00	36.95 -0.97 0.00	33.87 0.29 0.00
ONEIDA_HERK_LFGE 323681	30.46 0.53 0.00	24.18 0.36 0.00	24.96 0.33 0.00	23.23 0.20 0.00	22.37 0.12 0.00	22.11 0.17 0.00	19.71 0.21 0.00	21.00 0.23 0.00	23.45 0.29 0.00	23.17 0.25 0.00	21.66 0.22 0.00	25.01 0.22 0.00	30.37 0.32 0.00	33.83 0.42 0.00	37.74 0.40 0.00	37.47 0.33 0.00	42.30 0.55 0.00	40.96 0.80 0.00	51.28 1.38 0.00	60.79 1.91 0.00	68.43 2.32 0.00	61.57 1.97 0.00	39.06 1.14 0.00	34.48 0.90 0.00
ONEIDA__115KV_TB4 55905	30.73 0.80 0.00	24.39 0.57 0.00	25.16 0.53 0.00	23.48 0.45 0.00	22.65 0.39 0.00	22.34 0.40 0.00	19.87 0.36 0.00	21.16 0.38 0.00	23.56 0.41 0.00	23.33 0.41 0.00	21.87 0.43 0.00	25.31 0.51 0.00	30.71 0.66 0.00	34.23 0.81 0.00	38.26 0.91 0.00	37.98 0.85 0.00	42.81 1.05 0.00	41.36 1.20 0.00	51.66 1.75 0.00	61.05 2.17 0.00	68.61 2.50 0.00	61.74 2.14 0.00	39.17 1.25 0.00	34.63 1.06 0.00

ONONDAGA_REF_OCCRA 23987	30.19 0.26 0.00	23.97 0.15 0.00	24.74 0.11 0.00	23.09 0.07 0.00	22.28 0.03 0.00	21.97 0.03 0.00	19.51 0.00 0.00	20.81 0.03 0.00	23.18 0.03 0.00	22.94 0.02 0.00	21.53 0.09 0.00	24.93 0.14 0.00	30.23 0.18 0.00	33.58 0.17 0.00	37.56 0.22 0.00	37.23 0.09 0.00	41.89 0.14 0.00	40.39 0.22 0.00	50.32 0.41 0.00	59.22 0.34 0.00	66.41 0.30 0.00	59.79 0.19 0.00	38.03 0.11 0.00	33.77 0.19 0.00
ONONDAGA___COGEN 23986	30.18 0.25 0.00	23.95 0.13 0.00	24.73 0.11 0.00	23.09 0.07 0.00	22.29 0.04 0.00	21.96 0.02 0.00	19.51 0.01 0.00	20.82 0.04 0.00	23.18 0.02 0.00	22.92 0.00 0.00	21.53 0.09 0.00	24.94 0.15 0.00	30.23 0.19 0.00	33.59 0.18 0.00	37.60 0.25 0.00	37.25 0.11 0.00	41.93 0.18 0.00	40.42 0.26 0.00	50.32 0.41 0.00	59.19 0.30 0.00	66.39 0.28 0.00	59.78 0.18 0.00	38.03 0.11 0.00	33.77 0.19 0.00
ONTARIO___LFGE 23819	30.92 0.99 0.00	24.56 0.74 0.00	25.30 0.67 0.00	23.60 0.57 0.00	22.71 0.46 0.00	22.41 0.47 0.00	19.85 0.34 0.00	21.24 0.47 0.00	23.68 0.53 0.00	23.41 0.49 0.00	22.00 0.56 0.00	25.49 0.70 0.00	30.84 0.79 0.00	34.31 0.89 0.00	38.48 1.13 0.00	37.98 0.85 0.00	42.78 1.03 0.00	41.22 1.06 0.00	51.51 1.60 0.00	60.58 1.69 0.00	67.84 1.72 0.00	61.07 1.46 0.00	38.89 0.97 0.00	34.64 1.06 0.00
ORANGEVILLE_WT_PWR 323706	31.00 1.07 0.00	24.51 0.69 0.00	25.30 0.67 0.00	23.56 0.53 0.00	22.61 0.36 0.00	22.30 0.35 0.00	19.61 0.11 0.00	21.07 0.30 0.00	23.60 0.45 0.00	23.41 0.49 0.00	22.00 0.55 0.00	25.49 0.70 0.00	30.88 0.83 0.00	34.31 0.89 0.00	38.34 1.00 0.00	37.40 0.27 0.00	42.08 0.33 0.00	40.24 0.07 0.00	50.06 0.15 0.00	58.82 -0.07 0.00	65.89 -0.22 0.00	59.63 0.03 0.00	38.27 0.35 0.00	34.57 0.99 0.00
ORANGEVILLE___ESR 323794	31.00 1.07 0.00	24.51 0.69 0.00	25.30 0.67 0.00	23.56 0.53 0.00	22.61 0.36 0.00	22.30 0.35 0.00	19.61 0.11 0.00	21.07 0.30 0.00	23.60 0.45 0.00	23.41 0.49 0.00	22.00 0.55 0.00	25.49 0.70 0.00	30.88 0.83 0.00	34.31 0.89 0.00	38.34 1.00 0.00	37.40 0.27 0.00	42.08 0.33 0.00	40.24 0.07 0.00	50.06 0.15 0.00	58.82 -0.07 0.00	65.89 -0.22 0.00	59.63 0.03 0.00	38.27 0.35 0.00	34.57 0.99 0.00
OSWEGATCHIE___HYD 24044	29.64 -0.28 0.00	23.53 -0.29 0.00	24.33 -0.30 0.00	22.63 -0.40 0.00	21.81 -0.44 0.00	21.60 -0.35 0.00	19.25 -0.25 0.00	20.51 -0.26 0.00	22.91 -0.24 0.00	22.59 -0.33 0.00	21.02 -0.42 0.00	24.25 -0.54 0.00	29.40 -0.64 0.00	32.77 -0.64 0.00	36.50 -0.84 0.00	36.36 -0.77 0.00	41.13 -0.62 0.00	39.69 -0.48 0.00	49.72 -0.18 0.00	59.39 0.51 0.00	67.02 0.91 0.00	60.29 0.68 0.00	38.23 0.31 0.00	33.65 0.07 0.00
OSWEGO___5 23606	29.64 -0.29 0.00	23.55 -0.27 0.00	24.32 -0.31 0.00	22.72 -0.30 0.00	21.93 -0.32 0.00	21.62 -0.32 0.00	19.20 -0.30 0.00	20.47 -0.30 0.00	22.79 -0.36 0.00	22.53 -0.38 0.00	21.13 -0.31 0.00	24.45 -0.34 0.00	29.63 -0.42 0.00	32.94 -0.48 0.00	36.82 -0.52 0.00	36.47 -0.66 0.00	41.02 -0.73 0.00	39.51 -0.66 0.00	49.15 -0.76 0.00	57.90 -0.99 0.00	64.97 -1.14 0.00	58.56 -1.05 0.00	37.28 -0.64 0.00	33.13 -0.45 0.00
OSWEGO___6 23613	29.64 -0.29 0.00	23.55 -0.27 0.00	24.32 -0.31 0.00	22.72 -0.30 0.00	21.93 -0.32 0.00	21.62 -0.32 0.00	19.20 -0.30 0.00	20.47 -0.30 0.00	22.79 -0.36 0.00	22.53 -0.38 0.00	21.13 -0.31 0.00	24.45 -0.34 0.00	29.63 -0.42 0.00	32.94 -0.48 0.00	36.82 -0.52 0.00	36.47 -0.66 0.00	41.02 -0.73 0.00	39.51 -0.66 0.00	49.15 -0.76 0.00	57.90 -0.99 0.00	64.97 -1.14 0.00	58.56 -1.05 0.00	37.28 -0.64 0.00	33.13 -0.45 0.00
OUTOKUMPU-AB___DRP 24206	31.25 1.32 0.00	24.64 0.82 0.00	25.48 0.85 0.00	23.73 0.70 0.00	22.78 0.53 0.00	22.42 0.47 0.00	19.69 0.19 0.00	21.10 0.33 0.00	23.63 0.48 0.00	23.46 0.54 0.00	22.01 0.57 0.00	25.56 0.77 0.00	30.92 0.87 0.00	34.39 0.98 0.00	38.31 0.97 0.00	37.11 -0.02 0.00	41.63 -0.12 0.00	39.63 -0.53 0.00	49.37 -0.54 0.00	57.87 -1.02 0.00	64.71 -1.41 0.00	58.75 -0.85 0.00	38.00 0.08 0.00	34.70 1.12 0.00
OXBOW____ 24026	31.01 1.08 0.00	24.47 0.65 0.00	25.31 0.68 0.00	23.58 0.55 0.00	22.63 0.38 0.00	22.28 0.33 0.00	19.59 0.09 0.00	20.98 0.21 0.00	23.45 0.30 0.00	23.28 0.36 0.00	21.83 0.39 0.00	25.35 0.55 0.00	30.64 0.59 0.00	34.08 0.66 0.00	37.93 0.59 0.00	36.73 -0.40 0.00	41.16 -0.59 0.00	39.17 -0.99 0.00	48.79 -1.12 0.00	57.19 -1.69 0.00	63.96 -2.15 0.00	58.14 -1.46 0.00	37.61 -0.31 0.00	34.40 0.82 0.00
OXY_CHEM_DSASP 323612	30.57 0.65 0.00	24.15 0.32 0.00	25.00 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.71 -0.06 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.93 0.14 0.00	30.11 0.06 0.00	33.47 0.05 0.00	37.23 -0.12 0.00	36.07 -1.06 0.00	40.35 -1.41 0.00	38.39 -1.78 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.68 -3.43 0.00	57.04 -2.56 0.00	36.94 -0.98 0.00	33.86 0.28 0.00
OZONE_PARK_ESR 323760	31.93 2.00 0.00	25.48 1.66 0.00	26.09 1.46 0.00	24.36 1.33 0.00	23.54 1.28 0.00	23.17 1.22 0.00	20.67 1.17 0.00	22.04 1.27 0.00	24.70 1.55 0.00	24.57 1.65 0.00	24.42 1.81 -1.17	26.97 2.18 0.00	33.18 2.67 -0.47	38.25 2.85 -1.99	41.54 3.22 -0.96	40.72 3.31 -0.27	45.28 3.53 0.00	43.74 3.57 0.00	54.05 4.14 0.00	63.10 4.21 0.00	70.80 4.69 0.00	63.86 4.25 0.00	40.59 2.68 0.00	36.01 2.43 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.57 0.65 0.00	24.15 0.32 0.00	25.00 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.71 -0.06 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.93 0.14 0.00	30.11 0.06 0.00	33.47 0.05 0.00	37.23 -0.12 0.00	36.07 -1.06 0.00	40.35 -1.41 0.00	38.39 -1.78 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.68 -3.43 0.00	57.04 -2.56 0.00	36.94 -0.98 0.00	33.86 0.28 0.00
PACKARD___115KV_DUPONT_184 80571	30.57 0.65 0.00	24.15 0.32 0.00	25.00 0.37 0.00	23.29 0.26 0.00	22.36 0.11 0.00	22.01 0.06 0.00	19.38 -0.12 0.00	20.71 -0.06 0.00	23.13 -0.02 0.00	22.95 0.03 0.00	21.50 0.06 0.00	24.93 0.14 0.00	30.11 0.06 0.00	33.47 0.05 0.00	37.23 -0.12 0.00	36.07 -1.06 0.00	40.35 -1.41 0.00	38.39 -1.78 0.00	47.77 -2.13 0.00	56.03 -2.86 0.00	62.68 -3.43 0.00	57.04 -2.56 0.00	36.94 -0.98 0.00	33.86 0.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.42 1.49 0.00	25.11 1.29 0.00	25.73 1.11 0.00	24.06 1.03 0.00	23.26 1.01 0.00	22.88 0.94 0.00	20.41 0.91 0.00	21.74 0.97 0.00	24.35 1.20 0.00	24.20 1.28 0.00	24.07 1.46 -1.16	26.60 1.81 0.00	32.72 2.21 -0.47	37.68 2.28 -1.99	40.88 2.57 -0.96	40.05 2.65 -0.27	44.54 2.79 0.00	43.07 2.91 0.00	53.25 3.35 0.00	62.22 3.34 0.00	69.83 3.72 0.00	62.96 3.36 0.00	40.04 2.12 0.00	35.49 1.91 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.67 1.74 0.00	25.31 1.49 0.00	25.94 1.31 0.00	24.23 1.21 0.00	23.41 1.16 0.00	23.03 1.09 0.00	20.54 1.04 0.00	21.84 1.07 0.00	24.49 1.34 0.00	24.35 1.43 0.00	24.25 1.65 -1.16	26.78 1.99 0.00	32.93 2.42 -0.47	37.93 2.53 -1.99	41.21 2.90 -0.96	40.36 2.96 -0.27	44.90 3.15 0.00	43.45 3.29 0.00	53.72 3.82 0.00	62.77 3.89 0.00	70.48 4.37 0.00	63.57 3.97 0.00	40.36 2.44 0.00	35.77 2.19 0.00
PATROON__115KV_TB1 80586	30.36 0.43 0.00	24.24 0.42 0.00	24.96 0.33 0.00	23.38 0.35 0.00	22.64 0.38 0.00	22.32 0.37 0.00	19.85 0.35 0.00	21.07 0.30 0.00	23.47 0.31 0.00	23.30 0.38 0.00	22.10 0.39 -0.27	25.24 0.45 0.00	30.09 0.56 0.52	31.87 0.67 2.21	37.00 0.72 1.07	37.74 0.92 0.31	42.74 0.98 0.00	41.42 1.25 0.00	51.42 1.52 0.00	60.41 1.52 0.00	67.86 1.75 0.00	61.02 1.42 0.00	38.75 0.83 0.00	34.17 0.59 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.23 1.31 0.00	24.63 0.81 0.00	25.44 0.81 0.00	23.69 0.66 0.00	22.75 0.49 0.00	22.42 0.47 0.00	19.69 0.19 0.00	21.14 0.37 0.00	23.70 0.55 0.00	23.54 0.62 0.00	22.11 0.67 0.00	25.63 0.84 0.00	31.08 1.03 0.00	34.56 1.15 0.00	38.60 1.25 0.00	37.60 0.47 0.00	42.35 0.60 0.00	40.33 0.17 0.00	50.29 0.38 0.00	58.96 0.08 0.00	65.92 -0.19 0.00	59.68 0.08 0.00	38.36 0.44 0.00	34.74 1.16 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.60 1.67 0.00	25.21 1.38 0.00	25.84 1.22 0.00	24.14 1.11 0.00	23.33 1.08 0.00	22.97 1.03 0.00	20.47 0.97 0.00	21.82 1.05 0.00	24.43 1.28 0.00	24.30 1.38 0.00	23.39 1.52 -0.43	26.62 1.84 0.00	32.72 2.27 -0.40	37.62 2.51 -1.71	41.06 2.88 -0.83	40.35 2.98 -0.23	45.05 3.30 0.00	43.59 3.42 0.00	53.93 4.02 0.00	63.01 4.13 0.00	70.63 4.52 0.00	63.54 3.94 0.00	40.31 2.40 0.00	35.64 2.06 0.00
PEEKSKILL____ 23653	31.28 1.35 0.00	24.97 1.15 0.00	25.60 0.98 0.00	23.91 0.89 0.00	23.12 0.87 0.00	22.76 0.81 0.00	20.29 0.78 0.00	21.62 0.85 0.00	24.21 1.06 0.00	24.06 1.14 0.00	24.09 1.29 -1.36	26.35 1.56 0.00	32.42 1.92 -0.46	37.43 2.07 -1.95	40.66 2.37 -0.94	39.84 2.43 -0.27	44.36 2.61 0.00	42.86 2.70 0.00	53.01 3.10 0.00	61.95 3.07 0.00	69.50 3.39 0.00	62.61 3.01 0.00	39.75 1.83 0.00	35.23 1.65 0.00
PGE MADISON__WINDPWR 24146	32.35 2.43 0.00	25.62 1.80 0.00	26.39 1.76 0.00	24.62 1.60 0.00	23.73 1.48 0.00	23.46 1.51 0.00	20.83 1.33 0.00	22.21 1.44 0.00	24.66 1.51 0.00	24.39 1.47 0.00	22.92 1.48 0.00	26.41 1.62 0.00	32.36 2.32 0.00	35.96 2.54 0.00	40.24 2.90 0.00	39.76 2.63 0.00	44.85 3.10 0.00	43.58 3.42 0.00	54.85 4.94 0.00	64.89 6.00 0.00	72.84 6.73 0.00	65.48 5.88 0.00	41.42 3.50 0.00	36.61 3.03 0.00
PIERCEFIELD__HYD 23852	29.15 -0.78 0.00	23.15 -0.67 0.00	24.00 -0.63 0.00	22.43 -0.60 0.00	21.70 -0.56 0.00	21.46 -0.48 0.00	19.07 -0.43 0.00	20.33 -0.44 0.00	22.69 -0.47 0.00	22.44 -0.48 0.00	20.84 -0.60 0.00	24.07 -0.73 0.00	29.17 -0.87 0.00	32.48 -0.94 0.00	36.25 -1.10 0.00	36.24 -0.89 0.00	40.93 -0.82 0.00	39.20 -0.96 0.00	48.81 -1.09 0.00	58.20 -0.69 0.00	65.48 -0.63 0.00	59.05 -0.55 0.00	37.48 -0.44 0.00	32.97 -0.61 0.00
PINELAWN_CC_1 323563	32.11 2.19 0.00	25.64 1.81 0.00	26.25 1.62 0.00	24.37 1.34 0.00	23.51 1.26 0.00	23.15 1.21 0.00	20.61 1.11 0.00	22.01 1.24 0.00	24.67 1.52 0.00	24.49 1.57 0.00	24.39 1.80 -1.16	30.38 2.30 -3.29	37.05 2.87 -4.14	38.57 3.09 -2.07	41.42 3.11 -0.96	40.57 3.16 -0.28	45.20 3.45 0.00	56.45 3.85 -12.43	65.00 4.13 -10.97	65.30 4.26 -2.15	71.62 4.92 -0.59	64.61 4.42 -0.59	40.63 2.72 0.00	36.34 2.75 0.00
PJM_GEN_HTP_PROXY 323702	31.48 1.55 0.00	25.14 1.32 0.00	25.75 1.13 0.00	24.05 1.03 0.00	23.25 1.00 0.00	22.88 0.94 0.00	20.42 0.91 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.25 1.33 0.00	24.11 1.51 -1.17	26.61 1.82 0.00	32.73 2.21 -0.47	37.73 2.33 -1.99	40.95 2.63 -0.96	40.14 2.73 -0.27	44.62 2.86 0.00	43.10 2.94 0.00	53.24 3.33 0.00	62.14 3.26 0.00	69.73 3.62 0.00	63.28 3.26 -0.42	39.97 2.05 0.00	35.45 1.87 0.00
PJM_GEN_KEystone 24065	30.77 0.84 0.00	24.44 0.62 0.00	25.14 0.51 0.00	23.46 0.43 0.00	22.62 0.37 0.00	22.30 0.36 0.00	19.79 0.29 0.00	21.16 0.39 0.00	23.68 0.53 0.00	23.50 0.58 0.00	20.48 0.72 1.68	25.64 0.85 0.00	31.35 1.07 -0.24	35.55 1.13 -1.01	39.21 1.37 -0.50	38.36 1.09 -0.14	42.87 1.12 0.00	41.14 0.98 0.00	51.06 1.15 0.00	59.76 0.87 0.00	66.99 0.88 0.00	60.85 0.83 -0.42	38.35 0.61 0.18	34.25 0.84 0.16
PJM_GEN_NEPTUNE_PROXY 323594	31.62 1.70 0.00	25.26 1.44 0.00	25.87 1.24 0.00	24.06 1.03 0.00	23.23 0.98 0.00	22.87 0.92 0.00	20.37 0.87 0.00	21.74 0.97 0.00	24.37 1.22 0.00	24.21 1.29 0.00	24.13 1.54 -1.16	30.04 1.96 -3.29	36.58 2.40 -4.14	38.03 2.55 -2.07	40.85 2.54 -0.96	40.03 2.63 -0.28	44.58 2.83 0.00	43.32 3.15 0.00	53.18 3.28 0.00	62.11 3.23 0.00	69.85 3.74 0.00	63.40 3.38 -0.42	40.03 2.11 0.00	35.79 2.21 -0.01
PJM_GEN_VFT_PROXY 323633	31.33 1.40 0.00	25.02 1.20 0.00	25.63 1.00 0.00	23.93 0.91 0.00	23.14 0.88 0.00	22.77 0.82 0.00	20.32 0.81 0.00	21.65 0.88 0.00	24.27 1.11 0.00	24.12 1.20 0.00	23.99 1.39 -1.17	26.48 1.69 0.00	32.57 2.05 -0.47	37.33 2.12 -1.80	40.72 2.41 -0.96	39.89 2.48 -0.27	44.38 2.63 0.00	42.86 2.70 0.00	52.98 3.07 0.00	61.81 2.92 0.00	69.31 3.20 0.00	62.91 2.89 -0.41	37.17 1.81 2.56	32.93 1.68 2.32
PLATSBURG_115KV_PMLD1 355749	30.40 0.48 0.00	24.08 0.26 0.00	24.82 0.19 0.00	23.37 0.34 0.00	22.82 0.57 0.00	22.65 0.70 0.00	20.10 0.59 0.00	21.44 0.66 0.00	23.90 0.75 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.42 0.63 0.00	30.83 0.78 0.00	34.26 0.84 0.00	38.31 0.96 0.00	38.59 1.46 0.00	43.64 1.89 0.00	41.90 1.73 0.00	52.15 2.24 0.00	61.45 2.57 0.00	68.98 2.87 0.00	62.39 2.79 0.00	39.35 1.43 0.00	34.45 0.87 0.00
PLEASANTVLY__LBMP 24000	31.05 1.12 0.00	24.81 0.99 0.00	25.46 0.83 0.00	23.81 0.78 0.00	23.03 0.78 0.00	22.67 0.73 0.00	20.20 0.69 0.00	21.51 0.74 0.00	24.04 0.89 0.00	23.89 0.97 0.00	23.06 1.08 -0.54	26.07 1.28 0.00	32.14 1.56 -0.54	37.38 1.69 -2.28	40.36 1.91 -1.11	39.45 2.00 -0.32	43.89 2.14 0.00	42.46 2.30 0.00	52.55 2.64 0.00	61.49 2.60 0.00	69.02 2.91 0.00	62.15 2.55 0.00	39.48 1.56 0.00	34.94 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.38 1.45 0.00	25.05 1.23 0.00	25.68 1.06 0.00	23.98 0.95 0.00	23.20 0.94 0.00	22.84 0.89 0.00	20.35 0.84 0.00	21.70 0.93 0.00	24.28 1.13 0.00	24.14 1.22 0.00	23.72 1.37 -0.91	26.44 1.65 0.00	32.54 2.02 -0.47	37.61 2.18 -2.01	40.80 2.48 -0.97	39.97 2.56 -0.28	44.50 2.75 0.00	43.03 2.86 0.00	53.19 3.29 0.00	62.18 3.29 0.00	69.75 3.64 0.00	62.82 3.22 0.00	39.90 1.98 0.00	35.34 1.77 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.38 1.45 0.00	25.05 1.23 0.00	25.68 1.06 0.00	23.98 0.95 0.00	23.20 0.94 0.00	22.84 0.89 0.00	20.35 0.84 0.00	21.70 0.93 0.00	24.28 1.13 0.00	24.14 1.22 0.00	23.72 1.37 -0.91	26.44 1.65 0.00	32.54 2.02 -0.47	37.61 2.18 -2.01	40.80 2.48 -0.97	39.97 2.56 -0.28	44.50 2.75 0.00	43.03 2.86 0.00	53.19 3.29 0.00	62.18 3.29 0.00	69.75 3.64 0.00	62.82 3.22 0.00	39.90 1.98 0.00	35.34 1.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.32 1.39 0.00	25.01 1.19 0.00	25.65 1.02 0.00	23.98 0.95 0.00	23.19 0.94 0.00	22.83 0.89 0.00	20.33 0.83 0.00	21.66 0.88 0.00	24.22 1.07 0.00	24.06 1.14 0.00	22.98 1.27 -0.27	26.29 1.50 0.00	31.77 1.86 0.14	34.88 2.05 0.59	39.44 2.38 0.28	39.54 2.49 0.08	44.51 2.76 0.00	43.08 2.92 0.00	53.38 3.47 0.00	62.44 3.56 0.00	70.01 3.90 0.00	62.97 3.37 0.00	39.97 2.05 0.00	35.33 1.75 0.00
POLETTI____ 23519	31.44 1.51 0.00	25.12 1.30 0.00	25.73 1.10 0.00	24.04 1.01 0.00	23.24 0.98 0.00	22.86 0.92 0.00	20.42 0.91 0.00	21.76 0.99 0.00	24.37 1.22 0.00	24.23 1.31 0.00	24.09 1.48 -1.17	26.58 1.79 0.00	32.68 2.17 -0.47	37.68 2.28 -1.99	40.89 2.58 -0.96	40.07 2.66 -0.27	44.56 2.81 0.00	43.05 2.89 0.00	53.19 3.29 0.00	62.09 3.21 0.00	69.65 3.54 0.00	62.80 3.19 0.00	39.93 2.01 0.00	35.43 1.85 0.00
POMONA____ESR 323819	31.29 1.36 0.00	24.96 1.14 0.00	25.59 0.97 0.00	23.90 0.88 0.00	23.11 0.86 0.00	22.74 0.80 0.00	20.28 0.77 0.00	21.61 0.84 0.00	24.21 1.05 0.00	24.06 1.14 0.00	21.18 1.30 1.57	26.37 1.58 0.00	32.44 1.97 -0.42	37.37 2.15 -1.81	40.71 2.49 -0.88	39.93 2.55 -0.25	44.48 2.73 0.00	42.94 2.78 0.00	53.12 3.22 0.00	62.08 3.20 0.00	69.60 3.49 0.00	62.68 3.08 0.00	39.78 1.86 0.00	35.25 1.67 0.00
PORT_JEFF_3 23555	32.24 2.31 0.00	25.76 1.94 0.00	26.41 1.78 0.00	24.48 1.46 0.00	23.60 1.35 0.00	23.26 1.31 0.00	20.71 1.21 0.00	22.12 1.35 0.00	24.79 1.64 0.00	24.58 1.65 0.00	24.41 1.81 -1.16	30.42 2.33 -3.29	37.14 2.96 -4.14	38.72 3.23 -2.07	41.50 3.19 -0.96	40.66 3.24 -0.29	45.17 3.41 -0.01	240.93 3.86 -196.91	227.71 4.04 -173.76	97.16 4.17 -34.11	80.35 4.92 -9.32	73.34 4.42 -9.32	40.57 2.66 0.00	36.33 2.74 -0.01
PORT_JEFF_4 23616	32.24 2.31 0.00	25.76 1.94 0.00	26.41 1.78 0.00	24.48 1.46 0.00	23.60 1.35 0.00	23.26 1.31 0.00	20.71 1.21 0.00	22.12 1.35 0.00	24.79 1.64 0.00	24.58 1.65 0.00	24.41 1.81 -1.16	30.42 2.33 -3.29	37.14 2.96 -4.14	38.72 3.23 -2.07	41.50 3.19 -0.96	40.66 3.24 -0.29	45.17 3.41 -0.01	240.93 3.86 -196.91	227.71 4.04 -173.76	97.16 4.17 -34.11	80.35 4.92 -9.32	73.34 4.42 -9.32	40.57 2.66 0.00	36.33 2.74 -0.01
PORT_JEFF_IC 23713	32.29 2.36 0.00	25.80 1.98 0.00	26.45 1.82 0.00	24.51 1.48 0.00	23.63 1.38 0.00	23.29 1.34 0.00	20.74 1.24 0.00	22.15 1.38 0.00	24.83 1.67 0.00	24.61 1.69 0.00	24.44 1.85 -1.16	30.47 2.38 -3.29	37.21 3.03 -4.14	38.81 3.32 -2.07	41.61 3.30 -0.96	40.77 3.35 -0.29	45.16 3.40 -0.01	269.78 3.84 -225.78	253.16 4.02 -199.23	102.12 4.13 -39.11	81.82 5.03 -10.68	74.86 4.58 -10.68	40.66 2.74 0.00	36.39 2.81 -0.01
PPL PILGRIM_ST_GT1 24216	32.29 2.36 0.00	25.80 1.98 0.00	26.43 1.81 0.00	24.53 1.50 0.00	23.64 1.39 0.00	23.27 1.33 0.00	20.73 1.23 0.00	22.13 1.36 0.00	24.80 1.65 0.00	24.64 1.72 0.00	24.51 1.92 -1.16	30.53 2.45 -3.29	37.26 3.08 -4.14	38.83 3.34 -2.07	41.57 3.26 -0.96	40.52 3.11 -0.28	44.94 3.19 0.00	83.85 3.61 -40.08	89.06 3.79 -35.37	70.03 4.20 -6.94	72.88 4.87 -1.90	65.97 4.47 -1.90	40.70 2.78 0.00	36.46 2.88 -0.01
PPL PILGRIM_ST_GT2 24217	32.29 2.36 0.00	25.80 1.98 0.00	26.43 1.81 0.00	24.53 1.50 0.00	23.64 1.39 0.00	23.27 1.33 0.00	20.73 1.23 0.00	22.13 1.36 0.00	24.80 1.65 0.00	24.64 1.72 0.00	24.51 1.92 -1.16	30.53 2.45 -3.29	37.26 3.08 -4.14	38.83 3.34 -2.07	41.57 3.26 -0.96	40.52 3.11 -0.28	44.94 3.19 0.00	83.85 3.61 -40.08	89.06 3.79 -35.37	70.03 4.20 -6.94	72.88 4.87 -1.90	65.97 4.47 -1.90	40.70 2.78 0.00	36.46 2.88 -0.01
PPL_SHRM_GT3 24213	32.36 2.43 0.00	25.89 2.07 0.00	26.60 1.97 0.00	24.63 1.60 0.00	23.74 1.49 0.00	23.45 1.50 0.00	20.88 1.38 0.00	22.31 1.54 0.00	24.95 1.80 0.00	24.57 1.65 0.00	24.25 1.66 -1.16	30.26 2.18 -3.29	36.99 2.80 -4.14	38.57 3.09 -2.07	41.38 3.07 -0.96	40.60 3.18 -0.29	45.28 3.52 -0.01	244.59 3.94 -200.49	230.57 3.75 -176.91	97.90 4.29 -34.73	80.58 4.98 -9.49	73.41 4.32 -9.49	40.45 2.53 0.00	36.19 2.60 -0.01
PPL_SHRM_GT4 24214	32.36 2.43 0.00	25.89 2.07 0.00	26.60 1.97 0.00	24.63 1.60 0.00	23.74 1.49 0.00	23.45 1.50 0.00	20.88 1.38 0.00	22.31 1.54 0.00	24.95 1.80 0.00	24.57 1.65 0.00	24.25 1.66 -1.16	30.26 2.18 -3.29	36.99 2.80 -4.14	38.57 3.09 -2.07	41.38 3.07 -0.96	40.60 3.18 -0.29	45.28 3.52 -0.01	244.59 3.94 -200.49	230.57 3.75 -176.91	97.90 4.29 -34.73	80.58 4.98 -9.49	73.41 4.32 -9.49	40.45 2.53 0.00	36.19 2.60 -0.01
PROJECT___ORANGE 1 24174	30.04 0.11 0.00	23.86 0.03 0.00	24.62 -0.01 0.00	23.00 -0.03 0.00	22.18 -0.08 0.00	21.88 -0.07 0.00	19.41 -0.09 0.00	20.71 -0.06 0.00	23.08 -0.08 0.00	22.83 -0.09 0.00	21.43 -0.01 0.00	24.81 0.02 0.00	30.08 0.04 0.00	33.41 -0.01 0.00	37.34 0.00 0.00	36.99 -0.13 0.00	41.64 -0.12 0.00	40.11 -0.06 0.00	49.95 0.05 0.00	58.77 -0.12 0.00	65.90 -0.21 0.00	59.33 -0.28 0.00	37.75 -0.17 0.00	33.55 -0.03 0.00
PROJECT___ORANGE 2 24166	30.04 0.11 0.00	23.86 0.03 0.00	24.62 -0.01 0.00	23.00 -0.03 0.00	22.18 -0.08 0.00	21.88 -0.07 0.00	19.41 -0.09 0.00	20.71 -0.06 0.00	23.08 -0.08 0.00	22.83 -0.09 0.00	21.43 -0.01 0.00	24.81 0.02 0.00	30.08 0.04 0.00	33.41 -0.01 0.00	37.34 0.00 0.00	36.99 -0.13 0.00	41.64 -0.12 0.00	40.11 -0.06 0.00	49.95 0.05 0.00	58.77 -0.12 0.00	65.90 -0.21 0.00	59.33 -0.28 0.00	37.75 -0.17 0.00	33.55 -0.03 0.00
PUCKETT___SOLAR 323809	30.90 0.97 0.00	24.51 0.69 0.00	25.27 0.64 0.00	23.60 0.57 0.00	22.76 0.51 0.00	22.47 0.53 0.00	19.94 0.44 0.00	21.26 0.49 0.00	23.67 0.52 0.00	23.34 0.42 0.00	21.94 0.50 0.00	25.30 0.51 0.00	30.85 0.80 0.00	34.28 0.87 0.00	38.43 1.08 0.00	38.05 0.92 0.00	42.72 0.97 0.00	41.29 1.12 0.00	51.58 1.68 0.00	60.80 1.92 0.00	68.26 2.15 0.00	61.48 1.88 0.00	39.10 1.18 0.00	34.70 1.12 0.00
PYRITES___HYD 24023	29.81 -0.12 0.00	23.67 -0.15 0.00	24.54 -0.09 0.00	22.93 -0.10 0.00	22.19 -0.06 0.00	21.94 0.00 0.00	19.48 -0.02 0.00	20.74 -0.03 0.00	23.14 -0.01 0.00	22.91 -0.01 0.00	21.29 -0.16 0.00	24.57 -0.21 0.00	29.80 -0.24 0.00	33.18 -0.23 0.00	37.10 -0.25 0.00	37.10 -0.03 0.00	41.83 0.08 0.00	40.03 -0.13 0.00	49.86 -0.04 0.00	59.59 0.70 0.00	67.07 0.96 0.00	60.50 0.90 0.00	38.39 0.47 0.00	33.75 0.17 0.00

QUAKERRD_115KV_BK1 80622	30.47 0.54 0.00	24.12 0.29 0.00	24.91 0.28 0.00	23.24 0.21 0.00	22.36 0.11 0.00	22.03 0.09 0.00	19.45 -0.06 0.00	20.80 0.02 0.00	23.23 0.08 0.00	23.04 0.12 0.00	21.62 0.18 0.00	25.09 0.30 0.00	30.41 0.36 0.00	33.84 0.43 0.00	37.83 0.48 0.00	37.17 0.04 0.00	41.81 0.06 0.00	40.13 -0.04 0.00	49.96 0.06 0.00	58.67 -0.21 0.00	65.65 -0.46 0.00	59.29 -0.31 0.00	37.88 -0.04 0.00	33.97 0.39 0.00
QUENSBRY_115KV_TB8 356137	31.18 1.25 0.00	24.86 1.04 0.00	25.53 0.90 0.00	23.89 0.86 0.00	23.12 0.86 0.00	22.79 0.85 0.00	20.28 0.77 0.00	21.54 0.77 0.00	23.89 0.73 0.00	23.73 0.81 0.00	22.32 0.62 -0.26	25.62 0.83 0.00	30.57 1.08 0.55	32.50 1.43 2.35	37.78 1.57 1.14	38.76 1.95 0.32	44.11 2.36 0.00	42.86 2.69 0.00	53.68 3.78 0.00	63.09 4.20 0.00	70.79 4.68 0.00	63.38 3.78 0.00	40.18 2.27 0.00	35.36 1.78 0.00
RAMAPO___LBMP 323565	31.14 1.22 0.00	24.86 1.04 0.00	25.49 0.86 0.00	23.81 0.78 0.00	23.02 0.77 0.00	22.66 0.71 0.00	20.20 0.69 0.00	21.53 0.76 0.00	24.10 0.95 0.00	23.95 1.03 0.00	21.13 1.19 1.50	26.23 1.44 0.00	32.25 1.78 -0.42	37.14 1.94 -1.79	40.46 2.25 -0.87	39.67 2.29 -0.25	44.19 2.44 0.00	42.68 2.51 0.00	52.81 2.90 0.00	61.73 2.84 0.00	69.24 3.12 0.00	62.35 2.75 0.00	39.58 1.66 0.00	35.07 1.49 0.00
RANKINE____ 23646	31.28 1.35 0.00	24.67 0.85 0.00	25.49 0.86 0.00	23.75 0.72 0.00	22.79 0.54 0.00	22.45 0.50 0.00	19.70 0.20 0.00	21.15 0.38 0.00	23.71 0.55 0.00	23.54 0.61 0.00	22.10 0.66 0.00	25.64 0.84 0.00	31.05 1.01 0.00	34.53 1.12 0.00	38.53 1.19 0.00	37.47 0.34 0.00	42.19 0.44 0.00	40.19 0.03 0.00	50.08 0.17 0.00	58.74 -0.14 0.00	65.68 -0.43 0.00	59.55 -0.05 0.00	38.33 0.41 0.00	34.79 1.21 0.00
RAVENSWOOD_GT2_1 24244	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.12 1.52 -1.16	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.74 -0.27	44.64 2.88 0.00	43.13 2.96 0.00	53.29 3.38 0.00	62.22 3.33 0.00	69.81 3.70 0.00	62.94 3.33 0.00	40.02 2.10 0.00	35.50 1.93 0.00
RAVENSWOOD_GT2_2 24245	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.12 1.52 -1.16	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.74 -0.27	44.64 2.88 0.00	43.13 2.96 0.00	53.29 3.38 0.00	62.22 3.33 0.00	69.81 3.70 0.00	62.94 3.33 0.00	40.02 2.10 0.00	35.50 1.93 0.00
RAVENSWOOD_GT2_3 24246	31.54 1.61 0.00	25.19 1.37 0.00	25.80 1.18 0.00	24.10 1.07 0.00	23.29 1.04 0.00	22.93 0.98 0.00	20.45 0.95 0.00	21.81 1.04 0.00	24.43 1.28 0.00	24.29 1.37 0.00	24.14 1.53 -1.16	26.64 1.85 0.00	32.77 2.25 -0.47	37.78 2.38 -1.99	41.00 2.69 -0.96	40.17 2.77 -0.27	44.66 2.91 0.00	43.15 2.99 0.00	53.33 3.42 0.00	62.25 3.37 0.00	69.85 3.74 0.00	62.98 3.38 0.00	40.05 2.13 0.00	35.53 1.95 0.00
RAVENSWOOD_GT2_4 24247	31.54 1.61 0.00	25.19 1.37 0.00	25.80 1.18 0.00	24.10 1.07 0.00	23.29 1.04 0.00	22.93 0.98 0.00	20.45 0.95 0.00	21.81 1.04 0.00	24.43 1.28 0.00	24.29 1.37 0.00	24.14 1.53 -1.16	26.64 1.85 0.00	32.77 2.25 -0.47	37.78 2.38 -1.99	41.00 2.69 -0.96	40.17 2.77 -0.27	44.66 2.91 0.00	43.15 2.99 0.00	53.33 3.42 0.00	62.25 3.37 0.00	69.85 3.74 0.00	62.98 3.38 0.00	40.05 2.13 0.00	35.53 1.95 0.00
RAVENSWOOD_GT3_1 24248	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.17 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.74 -0.27	44.64 2.88 0.00	43.13 2.96 0.00	53.29 3.38 0.00	62.22 3.33 0.00	69.82 3.70 0.00	62.94 3.33 0.00	40.02 2.10 0.00	35.50 1.93 0.00
RAVENSWOOD_GT3_2 24249	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.17 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.74 -0.27	44.64 2.88 0.00	43.13 2.96 0.00	53.29 3.38 0.00	62.22 3.33 0.00	69.82 3.70 0.00	62.94 3.33 0.00	40.02 2.10 0.00	35.50 1.93 0.00
RAVENSWOOD_GT3_3 24250	31.57 1.65 0.00	25.22 1.39 0.00	25.83 1.21 0.00	24.13 1.11 0.00	23.32 1.07 0.00	22.95 1.01 0.00	20.48 0.98 0.00	21.84 1.07 0.00	24.46 1.31 0.00	24.33 1.40 0.00	24.17 1.57 -1.16	26.69 1.90 0.00	32.82 2.30 -0.47	37.84 2.43 -1.99	41.06 2.75 -0.96	40.23 2.83 -0.27	44.74 2.98 0.00	43.21 3.05 0.00	53.40 3.49 0.00	62.34 3.46 0.00	69.97 3.86 0.00	63.09 3.48 0.00	40.11 2.19 0.00	35.58 2.00 0.00
RAVENSWOOD_GT3_4 24251	31.57 1.65 0.00	25.22 1.39 0.00	25.83 1.21 0.00	24.13 1.11 0.00	23.32 1.07 0.00	22.95 1.01 0.00	20.48 0.98 0.00	21.84 1.07 0.00	24.46 1.31 0.00	24.33 1.40 0.00	24.17 1.57 -1.16	26.69 1.90 0.00	32.82 2.30 -0.47	37.84 2.43 -1.99	41.06 2.75 -0.96	40.23 2.83 -0.27	44.74 2.98 0.00	43.21 3.05 0.00	53.40 3.49 0.00	62.34 3.46 0.00	69.97 3.86 0.00	63.09 3.48 0.00	40.11 2.19 0.00	35.58 2.00 0.00
RAVENSWOOD_GT_1 23729	31.59 1.66 0.00	25.23 1.41 0.00	25.84 1.21 0.00	24.14 1.11 0.00	23.34 1.08 0.00	22.96 1.02 0.00	20.48 0.98 0.00	21.83 1.06 0.00	24.47 1.32 0.00	24.33 1.41 0.00	24.17 1.56 -1.16	26.70 1.91 0.00	32.82 2.31 -0.47	37.82 2.42 -1.99	41.04 2.73 -0.96	40.20 2.79 -0.27	44.61 2.86 0.00	43.09 2.92 0.00	53.24 3.33 0.00	62.14 3.26 0.00	69.73 3.62 0.00	62.91 3.31 0.00	40.04 2.12 0.00	35.55 1.97 0.00
RAVENSWOOD_GT_10 24258	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.17 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.75 -0.27	44.65 2.90 0.00	43.13 2.97 0.00	53.29 3.38 0.00	62.22 3.34 0.00	69.83 3.72 0.00	62.94 3.34 0.00	40.03 2.11 0.00	35.50 1.93 0.00
RAVENSWOOD_GT_11 24259	31.51 1.59 0.00	25.17 1.35 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.79 1.02 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.12 1.52 -1.16	26.64 1.84 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.75 -0.27	44.65 2.90 0.00	43.13 2.97 0.00	53.29 3.38 0.00	62.22 3.34 0.00	69.83 3.72 0.00	62.94 3.34 0.00	40.03 2.11 0.00	35.50 1.93 0.00

RAVENSWOOD_GT_4 24252	31.52 1.59 0.00	25.17 1.36 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.27 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.84 0.00	32.75 2.24 -0.47	37.77 2.36 -1.99	40.98 2.67 -0.96	40.16 2.75 -0.27	44.67 2.91 0.00	43.16 3.00 0.00	53.34 3.43 0.00	62.27 3.39 0.00	69.87 3.76 0.00	62.99 3.38 0.00	40.04 2.12 0.00	35.51 1.94 0.00
RAVENSWOOD_GT_5 24254	31.52 1.59 0.00	25.17 1.36 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.27 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.84 0.00	32.75 2.24 -0.47	37.77 2.36 -1.99	40.98 2.67 -0.96	40.16 2.75 -0.27	44.67 2.91 0.00	43.16 3.00 0.00	53.34 3.43 0.00	62.27 3.39 0.00	69.87 3.76 0.00	62.99 3.38 0.00	40.04 2.12 0.00	35.51 1.94 0.00
RAVENSWOOD_GT_6 24253	31.52 1.59 0.00	25.17 1.36 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.27 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.84 0.00	32.75 2.24 -0.47	37.77 2.36 -1.99	40.98 2.67 -0.96	40.16 2.75 -0.27	44.67 2.91 0.00	43.16 3.00 0.00	53.34 3.43 0.00	62.27 3.39 0.00	69.87 3.76 0.00	62.99 3.38 0.00	40.04 2.12 0.00	35.51 1.94 0.00
RAVENSWOOD_GT_7 24255	31.52 1.59 0.00	25.17 1.36 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.27 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.84 0.00	32.75 2.24 -0.47	37.77 2.36 -1.99	40.98 2.67 -0.96	40.16 2.75 -0.27	44.67 2.91 0.00	43.16 3.00 0.00	53.34 3.43 0.00	62.27 3.39 0.00	69.87 3.76 0.00	62.99 3.38 0.00	40.04 2.12 0.00	35.51 1.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.17 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.75 -0.27	44.65 2.90 0.00	43.13 2.97 0.00	53.29 3.38 0.00	62.22 3.34 0.00	69.83 3.72 0.00	62.94 3.34 0.00	40.03 2.11 0.00	35.50 1.93 0.00
RAVENSWOOD_GT_9 24257	31.52 1.59 0.00	25.17 1.35 0.00	25.79 1.17 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.26 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.85 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.75 -0.27	44.65 2.90 0.00	43.13 2.97 0.00	53.29 3.38 0.00	62.22 3.34 0.00	69.83 3.72 0.00	62.94 3.34 0.00	40.03 2.11 0.00	35.50 1.93 0.00
RAVENSWOOD___1 23533	31.56 1.63 0.00	25.21 1.39 0.00	25.83 1.20 0.00	24.13 1.10 0.00	23.31 1.06 0.00	22.94 1.00 0.00	20.47 0.97 0.00	21.82 1.05 0.00	24.45 1.30 0.00	24.31 1.39 0.00	24.15 1.55 -1.16	26.68 1.89 0.00	32.80 2.29 -0.47	37.80 2.40 -1.99	41.00 2.69 -0.96	40.17 2.77 -0.27	44.58 2.83 0.00	43.06 2.90 0.00	53.20 3.30 0.00	62.11 3.23 0.00	69.70 3.59 0.00	62.86 3.26 0.00	40.01 2.09 0.00	35.52 1.94 0.00
RAVENSWOOD___2 23534	31.49 1.56 0.00	25.15 1.33 0.00	25.77 1.14 0.00	24.07 1.04 0.00	23.27 1.02 0.00	22.89 0.95 0.00	20.43 0.92 0.00	21.77 1.00 0.00	24.39 1.24 0.00	24.26 1.34 0.00	24.10 1.50 -1.16	26.61 1.82 0.00	32.72 2.21 -0.47	37.72 2.32 -1.99	40.92 2.61 -0.96	40.04 2.63 -0.27	44.27 2.52 0.00	42.72 2.55 0.00	52.78 2.87 0.00	61.61 2.73 0.00	69.12 3.01 0.00	62.41 2.81 0.00	39.81 1.89 0.00	35.44 1.86 0.00
RAVENSWOOD___3 23535	31.52 1.59 0.00	25.17 1.36 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.29 1.04 0.00	22.92 0.97 0.00	20.44 0.94 0.00	21.80 1.03 0.00	24.42 1.27 0.00	24.28 1.36 0.00	24.13 1.52 -1.16	26.64 1.84 0.00	32.75 2.24 -0.47	37.76 2.36 -1.99	40.98 2.67 -0.96	40.15 2.74 -0.27	44.64 2.89 0.00	43.13 2.97 0.00	53.29 3.38 0.00	62.22 3.33 0.00	69.83 3.71 0.00	62.94 3.34 0.00	40.02 2.10 0.00	35.50 1.93 0.00
RAVENSWOOD___4 23820	31.53 1.61 0.00	25.19 1.37 0.00	25.80 1.18 0.00	24.11 1.08 0.00	23.30 1.05 0.00	22.92 0.98 0.00	20.46 0.96 0.00	21.80 1.03 0.00	24.44 1.28 0.00	24.30 1.38 0.00	24.14 1.53 -1.16	26.66 1.87 0.00	32.78 2.26 -0.47	37.78 2.37 -1.99	40.98 2.67 -0.96	40.15 2.75 -0.27	44.55 2.81 0.00	43.05 2.88 0.00	53.18 3.28 0.00	62.08 3.20 0.00	69.65 3.54 0.00	62.83 3.22 0.00	39.99 2.07 0.00	35.50 1.93 0.00
RCPL_TRUST___DRP 24196	31.52 1.59 0.00	25.16 1.34 0.00	25.78 1.16 0.00	24.08 1.06 0.00	23.28 1.03 0.00	22.90 0.96 0.00	20.44 0.93 0.00	21.80 1.03 0.00	24.42 1.27 0.00	24.29 1.36 0.00	24.14 1.54 -1.17	26.65 1.86 0.00	32.76 2.25 -0.47	37.79 2.38 -1.99	41.00 2.69 -0.96	40.19 2.78 -0.27	44.66 2.91 0.00	43.15 2.99 0.00	53.29 3.38 0.00	62.20 3.31 0.00	69.81 3.70 0.00	62.93 3.32 0.00	40.01 2.10 0.00	35.50 1.92 0.00
RED___ROCHESTER 323720	31.34 1.41 0.00	24.75 0.93 0.00	25.56 0.93 0.00	23.82 0.79 0.00	22.90 0.65 0.00	22.56 0.61 0.00	19.87 0.37 0.00	21.28 0.51 0.00	23.78 0.63 0.00	23.61 0.69 0.00	22.18 0.74 0.00	25.79 1.00 0.00	31.30 1.25 0.00	34.86 1.45 0.00	38.97 1.63 0.00	38.18 1.05 0.00	42.89 1.14 0.00	41.16 1.00 0.00	51.29 1.39 0.00	60.16 1.28 0.00	67.26 1.15 0.00	60.77 1.17 0.00	38.86 0.94 0.00	34.92 1.34 0.00
REGAN___SOLAR 323812	33.44 3.51 0.00	26.55 2.73 0.00	27.37 2.74 0.00	25.57 2.54 0.00	24.65 2.40 0.00	24.28 2.33 0.00	21.45 1.94 0.00	22.44 1.67 0.00	24.98 1.83 0.00	24.67 1.75 0.00	23.21 1.56 -0.21	26.57 1.78 0.00	31.91 2.24 0.38	34.36 2.56 1.61	39.43 2.87 0.78	40.31 3.40 0.22	45.61 3.86 0.00	44.39 4.23 0.00	56.08 6.18 0.00	67.40 8.52 0.00	75.53 9.42 0.00	67.90 8.30 0.00	42.94 5.02 0.00	37.83 4.25 0.00
RENSSELAER___COGEN 23796	30.17 0.24 0.00	24.10 0.28 0.00	24.82 0.19 0.00	23.25 0.22 0.00	22.52 0.26 0.00	22.20 0.25 0.00	19.75 0.24 0.00	20.94 0.17 0.00	23.33 0.18 0.00	23.15 0.22 0.00	21.95 0.25 -0.27	25.06 0.27 0.00	29.86 0.32 0.51	31.63 0.39 2.17	36.69 0.40 1.05	37.43 0.60 0.30	42.34 0.59 0.00	41.04 0.87 0.00	50.95 1.05 0.00	59.89 1.00 0.00	67.31 1.20 0.00	60.53 0.93 0.00	38.45 0.53 0.00	33.91 0.33 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.80 2.87 0.00	26.09 2.27 0.00	26.80 2.18 0.00	25.07 2.04 0.00	24.28 2.03 0.00	23.93 1.99 0.00	21.27 1.77 0.00	22.65 1.87 0.00	24.90 1.75 0.00	24.85 1.93 0.00	23.31 1.62 -0.26	26.98 2.19 0.00	32.12 2.62 0.56	34.20 3.16 2.38	39.87 3.67 1.15	41.11 4.31 0.33	46.95 5.20 0.00	45.81 5.64 0.00	57.44 7.53 0.00	67.28 8.39 0.00	75.41 9.30 0.00	67.14 7.54 0.00	42.78 4.86 0.00	37.36 3.78 0.00

REVERE_CPPR_DRP 24186	30.90 0.98 0.00	24.51 0.69 0.00	25.29 0.66 0.00	23.57 0.54 0.00	22.72 0.47 0.00	22.43 0.49 0.00	19.96 0.45 0.00	21.26 0.49 0.00	23.69 0.54 0.00	23.44 0.52 0.00	21.94 0.50 0.00	25.37 0.58 0.00	30.81 0.76 0.00	34.34 0.93 0.00	38.39 1.04 0.00	38.13 1.00 0.00	43.03 1.28 0.00	41.65 1.49 0.00	52.14 2.23 0.00	61.74 2.85 0.00	69.40 3.29 0.00	62.42 2.81 0.00	39.57 1.65 0.00	34.94 1.37 0.00
REYNOLDS_115KV_TB3 80639	30.34 0.41 0.00	24.25 0.43 0.00	24.97 0.35 0.00	23.40 0.37 0.00	22.67 0.42 0.00	22.36 0.41 0.00	19.89 0.39 0.00	21.09 0.32 0.00	23.46 0.31 0.00	23.30 0.37 0.00	22.07 0.36 -0.27	25.19 0.40 0.00	29.90 0.45 0.60	31.40 0.55 2.56	36.65 0.55 1.24	37.53 0.76 0.35	42.51 0.76 0.00	41.22 1.06 0.00	51.19 1.28 0.00	60.20 1.31 0.00	67.66 1.54 0.00	60.82 1.22 0.00	38.65 0.73 0.00	34.09 0.51 0.00
RIVERBAY____ 323610	31.67 1.74 0.00	25.31 1.49 0.00	25.94 1.31 0.00	24.23 1.21 0.00	23.41 1.16 0.00	23.03 1.09 0.00	20.54 1.04 0.00	21.84 1.07 0.00	24.49 1.34 0.00	24.35 1.43 0.00	24.25 1.65 -1.16	26.78 1.99 0.00	32.93 2.42 -0.47	37.93 2.53 -1.99	41.21 2.90 -0.96	40.36 2.96 -0.27	44.90 3.15 0.00	43.45 3.29 0.00	53.72 3.82 0.00	62.77 3.89 0.00	70.48 4.37 0.00	63.57 3.97 0.00	40.36 2.44 0.00	35.77 2.19 0.00
RIVERSDE_115KV_TB3 55908	30.29 0.36 0.00	24.20 0.38 0.00	24.92 0.29 0.00	23.35 0.32 0.00	22.61 0.36 0.00	22.30 0.35 0.00	19.84 0.33 0.00	21.04 0.27 0.00	23.42 0.27 0.00	23.25 0.33 0.00	22.04 0.33 -0.27	25.16 0.37 0.00	29.94 0.44 0.55	31.59 0.54 2.36	36.75 0.55 1.14	37.56 0.76 0.33	42.53 0.78 0.00	41.23 1.06 0.00	51.19 1.29 0.00	60.17 1.29 0.00	67.63 1.51 0.00	60.81 1.21 0.00	38.62 0.70 0.00	34.06 0.47 0.00
ROARING__BROOK_WT_PWR 323790	29.72 -0.21 0.00	23.63 -0.19 0.00	24.42 -0.21 0.00	22.65 -0.38 0.00	21.81 -0.45 0.00	21.52 -0.43 0.00	19.29 -0.22 0.00	20.47 -0.30 0.00	22.98 -0.17 0.00	22.71 -0.21 0.00	21.14 -0.30 0.00	24.41 -0.39 0.00	29.69 -0.35 0.00	33.08 -0.33 0.00	36.87 -0.47 0.00	36.41 -0.72 0.00	41.13 -0.63 0.00	39.91 -0.25 0.00	49.79 -0.12 0.00	58.85 -0.03 0.00	66.18 0.06 0.00	59.63 0.02 0.00	37.89 -0.03 0.00	33.41 -0.17 0.00
ROCHESRG_115KV_T4 355643	30.91 0.98 0.00	24.44 0.62 0.00	25.25 0.62 0.00	23.54 0.52 0.00	22.65 0.39 0.00	22.30 0.36 0.00	19.66 0.16 0.00	21.03 0.26 0.00	23.51 0.35 0.00	23.32 0.40 0.00	21.88 0.44 0.00	25.40 0.61 0.00	30.79 0.74 0.00	34.27 0.85 0.00	38.27 0.93 0.00	37.50 0.37 0.00	42.17 0.42 0.00	40.41 0.25 0.00	50.33 0.42 0.00	59.08 0.20 0.00	66.11 0.00 0.00	59.78 0.17 0.00	38.25 0.34 0.00	34.42 0.84 0.00
ROCHESTER_9_IC 23652	31.13 1.20 0.00	24.61 0.79 0.00	25.42 0.79 0.00	23.69 0.66 0.00	22.78 0.53 0.00	22.44 0.49 0.00	19.77 0.27 0.00	21.16 0.39 0.00	23.65 0.50 0.00	23.47 0.55 0.00	22.04 0.60 0.00	25.60 0.80 0.00	31.05 1.00 0.00	34.57 1.16 0.00	38.63 1.29 0.00	37.85 0.72 0.00	42.54 0.79 0.00	40.80 0.64 0.00	50.81 0.91 0.00	59.63 0.75 0.00	66.70 0.59 0.00	60.28 0.68 0.00	38.56 0.64 0.00	34.68 1.10 0.00
ROCKVIEW_13_KV_LD 356306	31.58 1.65 0.00	25.21 1.39 0.00	25.82 1.19 0.00	24.10 1.08 0.00	23.30 1.05 0.00	22.94 1.00 0.00	20.44 0.94 0.00	21.79 1.02 0.00	24.42 1.27 0.00	24.29 1.37 0.00	24.13 1.52 -1.16	26.64 1.84 0.00	32.77 2.26 -0.47	37.82 2.42 -1.99	41.06 2.75 -0.96	40.24 2.83 -0.27	44.78 3.03 0.00	43.29 3.12 0.00	53.50 3.59 0.00	62.48 3.60 0.00	70.10 3.99 0.00	63.18 3.57 0.00	40.13 2.21 0.00	35.58 2.00 0.00
ROME_____115KV_TB2 80656	30.90 0.98 0.00	24.51 0.69 0.00	25.29 0.66 0.00	23.57 0.54 0.00	22.72 0.47 0.00	22.43 0.49 0.00	19.96 0.45 0.00	21.26 0.49 0.00	23.69 0.54 0.00	23.44 0.52 0.00	21.94 0.50 0.00	25.37 0.58 0.00	30.81 0.76 0.00	34.34 0.93 0.00	38.39 1.04 0.00	38.13 1.00 0.00	43.03 1.28 0.00	41.65 1.49 0.00	52.14 2.23 0.00	61.74 2.85 0.00	69.40 3.29 0.00	62.42 2.81 0.00	39.57 1.65 0.00	34.94 1.37 0.00
ROSETON__1 23587	31.04 1.11 0.00	24.79 0.97 0.00	25.45 0.82 0.00	23.79 0.77 0.00	23.01 0.76 0.00	22.65 0.71 0.00	20.18 0.68 0.00	21.49 0.72 0.00	24.03 0.88 0.00	23.87 0.95 0.00	22.52 1.08 0.00	26.07 1.28 0.00	32.04 1.57 -0.42	36.91 1.69 -1.80	40.15 1.93 -0.87	39.39 2.01 -0.25	43.90 2.15 0.00	42.44 2.28 0.00	52.54 2.63 0.00	61.47 2.59 0.00	69.00 2.89 0.00	62.13 2.53 0.00	39.47 1.55 0.00	34.94 1.36 0.00
ROSETON__2 23588	31.04 1.11 0.00	24.79 0.97 0.00	25.45 0.82 0.00	23.79 0.77 0.00	23.01 0.76 0.00	22.65 0.71 0.00	20.18 0.68 0.00	21.49 0.72 0.00	24.03 0.88 0.00	23.87 0.95 0.00	22.52 1.08 0.00	26.07 1.28 0.00	32.04 1.57 -0.42	36.91 1.69 -1.80	40.15 1.93 -0.87	39.39 2.01 -0.25	43.90 2.15 0.00	42.44 2.28 0.00	52.54 2.63 0.00	61.47 2.59 0.00	69.00 2.89 0.00	62.13 2.53 0.00	39.47 1.55 0.00	34.94 1.36 0.00
ROTTTRDAM_115KV_TB3 80664	30.83 0.90 0.00	24.59 0.77 0.00	25.33 0.71 0.00	23.72 0.69 0.00	22.94 0.69 0.00	22.62 0.67 0.00	20.12 0.62 0.00	21.36 0.59 0.00	23.80 0.65 0.00	23.59 0.67 0.00	22.35 0.66 -0.25	25.56 0.77 0.00	30.54 0.94 0.45	32.60 1.10 1.91	37.64 1.22 0.92	38.20 1.34 0.26	43.24 1.49 0.00	41.86 1.69 0.00	52.03 2.13 0.00	61.20 2.31 0.00	68.74 2.63 0.00	61.87 2.27 0.00	39.30 1.38 0.00	34.70 1.12 0.00
RUSSELL__1 23602	31.34 1.41 0.00	24.75 0.93 0.00	25.56 0.93 0.00	23.82 0.79 0.00	22.90 0.65 0.00	22.56 0.61 0.00	19.87 0.37 0.00	21.27 0.50 0.00	23.78 0.63 0.00	23.61 0.69 0.00	22.18 0.74 0.00	25.79 0.99 0.00	31.30 1.25 0.00	34.86 1.45 0.00	38.97 1.63 0.00	38.18 1.05 0.00	42.89 1.14 0.00	41.17 1.01 0.00	51.29 1.39 0.00	60.16 1.28 0.00	67.26 1.15 0.00	60.77 1.17 0.00	38.86 0.94 0.00	34.91 1.33 0.00
RUSSELL__2 23532	31.34 1.41 0.00	24.75 0.93 0.00	25.56 0.93 0.00	23.82 0.79 0.00	22.90 0.65 0.00	22.56 0.61 0.00	19.87 0.37 0.00	21.27 0.50 0.00	23.78 0.63 0.00	23.61 0.69 0.00	22.18 0.74 0.00	25.79 0.99 0.00	31.30 1.25 0.00	34.86 1.45 0.00	38.97 1.63 0.00	38.18 1.05 0.00	42.89 1.14 0.00	41.17 1.01 0.00	51.29 1.39 0.00	60.16 1.28 0.00	67.26 1.15 0.00	60.77 1.17 0.00	38.86 0.94 0.00	34.91 1.33 0.00
RUSSELL__3 23549	31.34 1.41 0.00	24.75 0.93 0.00	25.56 0.93 0.00	23.82 0.79 0.00	22.90 0.65 0.00	22.56 0.61 0.00	19.87 0.37 0.00	21.27 0.50 0.00	23.78 0.63 0.00	23.61 0.69 0.00	22.18 0.74 0.00	25.79 0.99 0.00	31.30 1.25 0.00	34.86 1.45 0.00	38.97 1.63 0.00	38.18 1.05 0.00	42.89 1.14 0.00	41.17 1.01 0.00	51.29 1.39 0.00	60.16 1.28 0.00	67.26 1.15 0.00	60.77 1.17 0.00	38.86 0.94 0.00	34.91 1.33 0.00

RUSSELL___4 23556	31.34 1.41 0.00	24.75 0.93 0.00	25.56 0.93 0.00	23.82 0.79 0.00	22.90 0.65 0.00	22.56 0.61 0.00	19.87 0.37 0.00	21.27 0.50 0.00	23.78 0.63 0.00	23.61 0.69 0.00	22.18 0.74 0.00	25.79 0.99 0.00	31.30 1.25 0.00	34.86 1.45 0.00	38.97 1.63 0.00	38.18 1.05 0.00	42.89 1.14 0.00	41.17 1.01 0.00	51.29 1.39 0.00	60.16 1.28 0.00	67.26 1.15 0.00	60.77 1.17 0.00	38.86 0.94 0.00	34.91 1.33 0.00
RUSSELL___STATION 23914	31.34 1.41 0.00	24.75 0.93 0.00	25.56 0.93 0.00	23.82 0.79 0.00	22.90 0.65 0.00	22.56 0.61 0.00	19.87 0.37 0.00	21.27 0.50 0.00	23.78 0.63 0.00	23.61 0.69 0.00	22.18 0.74 0.00	25.79 0.99 0.00	31.30 1.25 0.00	34.86 1.45 0.00	38.97 1.63 0.00	38.18 1.05 0.00	42.89 1.14 0.00	41.17 1.01 0.00	51.29 1.39 0.00	60.16 1.28 0.00	67.26 1.15 0.00	60.77 1.17 0.00	38.86 0.94 0.00	34.91 1.33 0.00
S SALMON___HYD 24043	29.88 -0.05 0.00	23.74 -0.08 0.00	24.48 -0.15 0.00	22.79 -0.24 0.00	21.96 -0.29 0.00	21.70 -0.24 0.00	19.31 -0.19 0.00	20.58 -0.19 0.00	22.96 -0.19 0.00	22.63 -0.29 0.00	21.19 -0.25 0.00	24.48 -0.31 0.00	29.66 -0.39 0.00	33.02 -0.39 0.00	36.82 -0.52 0.00	36.48 -0.66 0.00	41.14 -0.62 0.00	39.74 -0.42 0.00	49.75 -0.16 0.00	59.00 0.11 0.00	66.54 0.43 0.00	59.76 0.16 0.00	38.04 0.12 0.00	33.70 0.12 0.00
S.PERRY___115KV_TB1 80734	32.12 2.20 0.00	25.34 1.52 0.00	26.13 1.50 0.00	24.34 1.31 0.00	23.37 1.12 0.00	23.04 1.09 0.00	20.29 0.78 0.00	21.64 0.87 0.00	24.00 0.85 0.00	23.78 0.86 0.00	22.34 0.90 0.00	25.92 1.13 0.00	31.46 1.41 0.00	35.00 1.58 0.00	39.19 1.84 0.00	38.44 1.31 0.00	43.46 1.71 0.00	41.75 1.58 0.00	51.88 1.97 0.00	61.48 2.59 0.00	69.34 3.23 0.00	62.72 3.12 0.00	39.99 2.07 0.00	35.86 2.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.07 1.14 0.00	24.52 0.70 0.00	25.35 0.73 0.00	23.62 0.59 0.00	22.67 0.42 0.00	22.32 0.37 0.00	19.59 0.09 0.00	21.01 0.24 0.00	23.53 0.38 0.00	23.35 0.43 0.00	21.90 0.46 0.00	25.41 0.62 0.00	30.75 0.70 0.00	34.18 0.77 0.00	38.10 0.75 0.00	37.01 -0.12 0.00	41.63 -0.12 0.00	39.65 -0.51 0.00	49.39 -0.52 0.00	57.93 -0.95 0.00	64.80 -1.31 0.00	58.83 -0.78 0.00	37.90 -0.02 0.00	34.50 0.92 0.00
SAWYER___23_KV_LOAD 55526	31.07 1.14 0.00	24.52 0.70 0.00	25.35 0.73 0.00	23.62 0.59 0.00	22.67 0.42 0.00	22.32 0.37 0.00	19.59 0.09 0.00	21.01 0.24 0.00	23.53 0.38 0.00	23.35 0.43 0.00	21.90 0.46 0.00	25.41 0.62 0.00	30.75 0.70 0.00	34.18 0.77 0.00	38.10 0.75 0.00	37.01 -0.12 0.00	41.63 -0.12 0.00	39.65 -0.51 0.00	49.39 -0.52 0.00	57.93 -0.95 0.00	64.80 -1.31 0.00	58.83 -0.78 0.00	37.90 -0.02 0.00	34.50 0.92 0.00
SELKIRK___I 23801	30.52 0.59 0.00	24.37 0.55 0.00	25.13 0.50 0.00	23.54 0.51 0.00	22.80 0.55 0.00	22.48 0.54 0.00	20.00 0.50 0.00	21.21 0.44 0.00	23.60 0.45 0.00	23.40 0.48 0.00	22.16 0.47 -0.25	25.31 0.52 0.00	30.33 0.62 0.34	32.68 0.72 1.45	37.41 0.76 0.70	37.85 0.92 0.20	42.72 0.96 0.00	41.34 1.18 0.00	51.33 1.43 0.00	60.39 1.51 0.00	67.89 1.78 0.00	61.13 1.52 0.00	38.84 0.92 0.00	34.28 0.70 0.00
SELKIRK___II 23799	30.34 0.42 0.00	24.23 0.41 0.00	24.96 0.33 0.00	23.39 0.36 0.00	22.64 0.39 0.00	22.32 0.38 0.00	19.86 0.35 0.00	21.07 0.30 0.00	23.47 0.32 0.00	23.28 0.36 0.00	22.08 0.38 -0.26	25.21 0.42 0.00	30.16 0.51 0.39	32.33 0.59 1.67	37.16 0.63 0.81	37.68 0.78 0.23	42.54 0.79 0.00	41.19 1.03 0.00	51.12 1.22 0.00	60.10 1.22 0.00	67.55 1.44 0.00	60.79 1.19 0.00	38.62 0.70 0.00	34.10 0.52 0.00
SENECA OSWGO___HYD 24041	29.82 -0.11 0.00	23.69 -0.13 0.00	24.45 -0.18 0.00	22.84 -0.19 0.00	22.03 -0.23 0.00	21.73 -0.21 0.00	19.29 -0.21 0.00	20.57 -0.20 0.00	22.90 -0.25 0.00	22.64 -0.28 0.00	21.22 -0.22 0.00	24.55 -0.24 0.00	29.74 -0.30 0.00	33.07 -0.34 0.00	36.95 -0.40 0.00	36.59 -0.54 0.00	41.14 -0.61 0.00	39.67 -0.49 0.00	49.43 -0.48 0.00	58.20 -0.68 0.00	65.34 -0.77 0.00	58.85 -0.75 0.00	37.47 -0.44 0.00	33.29 -0.29 0.00
SENECA___115KV_TB3 355854	31.33 1.40 0.00	24.71 0.89 0.00	25.53 0.90 0.00	23.78 0.75 0.00	22.82 0.57 0.00	22.48 0.53 0.00	19.73 0.23 0.00	21.19 0.41 0.00	23.74 0.59 0.00	23.57 0.65 0.00	22.14 0.70 0.00	25.68 0.89 0.00	31.11 1.07 0.00	34.59 1.18 0.00	38.61 1.26 0.00	37.55 0.42 0.00	42.28 0.53 0.00	40.28 0.11 0.00	50.19 0.28 0.00	58.86 -0.03 0.00	65.81 -0.30 0.00	59.67 0.07 0.00	38.40 0.48 0.00	34.86 1.28 0.00
SENECA___ENERGY 23797	30.49 0.56 0.00	24.18 0.36 0.00	24.95 0.32 0.00	23.28 0.25 0.00	22.44 0.19 0.00	22.11 0.16 0.00	19.60 0.10 0.00	20.95 0.18 0.00	23.32 0.16 0.00	23.06 0.14 0.00	21.69 0.25 0.00	25.13 0.33 0.00	30.43 0.38 0.00	33.81 0.40 0.00	37.96 0.61 0.00	37.47 0.34 0.00	42.19 0.44 0.00	40.70 0.54 0.00	50.76 0.85 0.00	59.72 0.84 0.00	66.93 0.81 0.00	60.21 0.60 0.00	38.33 0.41 0.00	34.12 0.55 0.00
SHOEMAKER___GT 23640	30.94 1.02 0.00	24.67 0.85 0.00	25.35 0.72 0.00	23.70 0.67 0.00	22.91 0.66 0.00	22.55 0.61 0.00	20.10 0.60 0.00	21.40 0.63 0.00	23.91 0.75 0.00	23.71 0.79 0.00	21.44 0.91 0.91	25.87 1.07 0.00	31.77 1.35 -0.37	36.46 1.48 -1.57	39.84 1.74 -0.76	39.18 1.83 -0.22	43.72 1.97 0.00	42.24 2.07 0.00	52.32 2.41 0.00	61.36 2.47 0.00	68.84 2.73 0.00	62.01 2.41 0.00	39.39 1.47 0.00	34.86 1.28 0.00
SHOEMAKR_138KV_BK 111 55601	30.94 1.01 0.00	24.67 0.85 0.00	25.35 0.72 0.00	23.69 0.66 0.00	22.90 0.65 0.00	22.55 0.61 0.00	20.10 0.59 0.00	21.40 0.63 0.00	23.91 0.76 0.00	23.72 0.80 0.00	21.50 0.93 0.86	25.89 1.10 0.00	31.79 1.38 -0.36	36.46 1.50 -1.54	39.85 1.76 -0.75	39.20 1.85 -0.21	43.74 1.99 0.00	42.24 2.08 0.00	52.33 2.42 0.00	61.34 2.46 0.00	68.81 2.71 0.00	61.99 2.39 0.00	39.36 1.44 0.00	34.85 1.27 0.00
SHOREHAM_IC_1 23715	32.36 2.43 0.00	25.89 2.07 0.00	26.60 1.97 0.00	24.63 1.60 0.00	23.74 1.49 0.00	23.45 1.50 0.00	20.88 1.38 0.00	22.31 1.54 0.00	24.95 1.80 0.00	24.57 1.65 0.00	24.25 1.66 -1.16	30.26 2.18 -3.29	36.99 2.80 -4.14	38.57 3.09 -2.07	41.38 3.07 -0.96	40.60 3.18 -0.29	45.28 3.52 -0.01	244.59 3.94 -200.49	230.57 3.75 -176.91	97.90 4.29 -34.73	80.58 4.98 -9.49	73.41 4.32 -9.49	40.45 2.53 0.00	36.19 2.60 -0.01
SHOREHAM_IC_2 23716	32.36 2.43 0.00	25.89 2.07 0.00	26.60 1.97 0.00	24.63 1.60 0.00	23.74 1.49 0.00	23.45 1.50 0.00	20.88 1.38 0.00	22.31 1.54 0.00	24.95 1.80 0.00	24.57 1.65 0.00	24.25 1.66 -1.16	30.26 2.18 -3.29	36.99 2.80 -4.14	38.57 3.09 -2.07	41.38 3.07 -0.96	40.60 3.18 -0.29	45.28 3.52 -0.01	244.59 3.94 -200.49	230.57 3.75 -176.91	97.90 4.29 -34.73	80.58 4.98 -9.49	73.41 4.32 -9.49	40.45 2.53 0.00	36.19 2.60 -0.01

SISSONVILLE____ 23735	29.15 -0.78 0.00	23.15 -0.67 0.00	24.00 -0.63 0.00	22.43 -0.60 0.00	21.70 -0.56 0.00	21.46 -0.48 0.00	19.07 -0.43 0.00	20.33 -0.44 0.00	22.69 -0.47 0.00	22.44 -0.48 0.00	20.84 -0.60 0.00	24.07 -0.73 0.00	29.17 -0.87 0.00	32.48 -0.94 0.00	36.25 -1.10 0.00	36.24 -0.89 0.00	40.93 -0.82 0.00	39.20 -0.96 0.00	48.81 -1.09 0.00	58.20 -0.69 0.00	65.48 -0.63 0.00	59.05 -0.55 0.00	37.48 -0.44 0.00	32.97 -0.61 0.00
SITHE_IND_GS1 24169	29.34 -0.59 0.00	23.32 -0.50 0.00	24.09 -0.54 0.00	22.51 -0.51 0.00	21.73 -0.52 0.00	21.43 -0.52 0.00	19.03 -0.47 0.00	20.29 -0.48 0.00	22.57 -0.59 0.00	22.30 -0.62 0.00	20.90 -0.54 0.00	24.18 -0.61 0.00	29.27 -0.77 0.00	32.55 -0.86 0.00	36.38 -0.96 0.00	36.06 -1.07 0.00	40.56 -1.19 0.00	39.06 -1.11 0.00	48.59 -1.32 0.00	57.23 -1.66 0.00	64.20 -1.91 0.00	57.88 -1.73 0.00	36.85 -1.07 0.00	32.76 -0.82 0.00
SITHE_IND_GS2 24170	29.34 -0.59 0.00	23.32 -0.50 0.00	24.09 -0.54 0.00	22.51 -0.51 0.00	21.73 -0.52 0.00	21.43 -0.52 0.00	19.03 -0.47 0.00	20.29 -0.48 0.00	22.57 -0.59 0.00	22.30 -0.62 0.00	20.90 -0.54 0.00	24.18 -0.61 0.00	29.27 -0.77 0.00	32.55 -0.86 0.00	36.38 -0.96 0.00	36.06 -1.07 0.00	40.56 -1.19 0.00	39.06 -1.11 0.00	48.59 -1.32 0.00	57.23 -1.66 0.00	64.20 -1.91 0.00	57.88 -1.73 0.00	36.85 -1.07 0.00	32.76 -0.82 0.00
SITHE_IND_GS3 24171	29.34 -0.59 0.00	23.32 -0.50 0.00	24.09 -0.54 0.00	22.51 -0.51 0.00	21.73 -0.52 0.00	21.43 -0.52 0.00	19.03 -0.47 0.00	20.29 -0.48 0.00	22.57 -0.59 0.00	22.30 -0.62 0.00	20.90 -0.54 0.00	24.18 -0.61 0.00	29.27 -0.77 0.00	32.55 -0.86 0.00	36.38 -0.96 0.00	36.06 -1.07 0.00	40.56 -1.19 0.00	39.06 -1.11 0.00	48.59 -1.32 0.00	57.23 -1.66 0.00	64.20 -1.91 0.00	57.88 -1.73 0.00	36.85 -1.07 0.00	32.76 -0.82 0.00
SITHE_IND_GS4 24172	29.34 -0.59 0.00	23.32 -0.50 0.00	24.09 -0.54 0.00	22.51 -0.51 0.00	21.73 -0.52 0.00	21.43 -0.52 0.00	19.03 -0.47 0.00	20.29 -0.48 0.00	22.57 -0.59 0.00	22.30 -0.62 0.00	20.90 -0.54 0.00	24.18 -0.61 0.00	29.27 -0.77 0.00	32.55 -0.86 0.00	36.38 -0.96 0.00	36.06 -1.07 0.00	40.56 -1.19 0.00	39.06 -1.11 0.00	48.59 -1.32 0.00	57.23 -1.66 0.00	64.20 -1.91 0.00	57.88 -1.73 0.00	36.85 -1.07 0.00	32.76 -0.82 0.00
SITHE____BATAVIA 24024	31.76 1.83 0.00	25.05 1.23 0.00	25.87 1.24 0.00	24.09 1.07 0.00	23.13 0.88 0.00	22.76 0.81 0.00	19.98 0.48 0.00	21.42 0.65 0.00	23.94 0.79 0.00	23.73 0.81 0.00	22.25 0.81 0.00	25.85 1.06 0.00	31.43 1.38 0.00	34.97 1.56 0.00	39.00 1.66 0.00	37.99 0.86 0.00	42.74 0.99 0.00	41.00 0.83 0.00	51.22 1.32 0.00	60.17 1.29 0.00	67.30 1.19 0.00	60.98 1.38 0.00	39.13 1.21 0.00	35.41 1.83 0.00
SITHE____INDEPEND 23800	29.35 -0.58 0.00	23.32 -0.50 0.00	24.09 -0.54 0.00	22.51 -0.51 0.00	21.73 -0.52 0.00	21.43 -0.52 0.00	19.03 -0.47 0.00	20.29 -0.48 0.00	22.57 -0.59 0.00	22.30 -0.62 0.00	20.90 -0.54 0.00	24.17 -0.62 0.00	29.27 -0.78 0.00	32.55 -0.86 0.00	36.38 -0.96 0.00	36.06 -1.07 0.00	40.56 -1.19 0.00	39.06 -1.11 0.00	48.59 -1.32 0.00	57.23 -1.66 0.00	64.21 -1.90 0.00	57.88 -1.73 0.00	36.85 -1.07 0.00	32.76 -0.83 0.00
SITHE____MASSENA 23902	29.70 -0.23 0.00	23.61 -0.21 0.00	24.50 -0.12 0.00	22.92 -0.11 0.00	22.17 -0.08 0.00	21.89 -0.05 0.00	19.43 -0.07 0.00	20.73 -0.04 0.00	23.12 -0.03 0.00	22.88 -0.04 0.00	21.27 -0.17 0.00	24.58 -0.21 0.00	29.78 -0.26 0.00	33.13 -0.28 0.00	37.01 -0.33 0.00	36.94 -0.19 0.00	41.64 -0.11 0.00	39.82 -0.34 0.00	49.46 -0.45 0.00	58.80 -0.08 0.00	66.04 -0.07 0.00	59.61 0.01 0.00	37.93 0.01 0.00	33.46 -0.12 0.00
SITHE____OGDNSBRG 24021	29.90 -0.03 0.00	23.75 -0.07 0.00	24.63 0.01 0.00	23.02 0.00 0.00	22.29 0.04 0.00	22.02 0.08 0.00	19.55 0.04 0.00	20.81 0.04 0.00	23.20 0.05 0.00	22.98 0.06 0.00	21.35 -0.09 0.00	24.66 -0.13 0.00	29.89 -0.16 0.00	33.28 -0.14 0.00	37.22 -0.12 0.00	37.20 0.07 0.00	41.93 0.18 0.00	40.09 -0.07 0.00	49.87 -0.03 0.00	59.60 0.71 0.00	67.09 0.98 0.00	60.54 0.94 0.00	38.45 0.53 0.00	33.83 0.25 0.00
SITHE____STERLING 23777	30.73 0.80 0.00	24.39 0.57 0.00	25.16 0.53 0.00	23.48 0.45 0.00	22.64 0.39 0.00	22.34 0.40 0.00	19.87 0.36 0.00	21.16 0.39 0.00	23.56 0.41 0.00	23.33 0.41 0.00	21.87 0.43 0.00	25.31 0.51 0.00	30.71 0.66 0.00	34.22 0.81 0.00	38.26 0.91 0.00	37.98 0.85 0.00	42.81 1.05 0.00	41.36 1.20 0.00	51.66 1.75 0.00	61.05 2.17 0.00	68.61 2.50 0.00	61.74 2.14 0.00	39.17 1.25 0.00	34.63 1.06 0.00
SLEIGHT__34_KV_TB1 80719	31.17 1.25 0.00	24.62 0.80 0.00	25.42 0.80 0.00	23.74 0.72 0.00	22.89 0.64 0.00	22.51 0.57 0.00	19.98 0.48 0.00	21.37 0.60 0.00	23.78 0.63 0.00	23.57 0.65 0.00	22.22 0.78 0.00	25.78 0.99 0.00	31.28 1.23 0.00	34.86 1.45 0.00	39.01 1.67 0.00	38.48 1.34 0.00	43.43 1.68 0.00	41.94 1.77 0.00	52.19 2.28 0.00	61.27 2.39 0.00	68.68 2.57 0.00	61.78 2.18 0.00	39.29 1.37 0.00	34.94 1.36 0.00
SOUTH CAIRO____GT 23612	31.33 1.40 0.00	24.94 1.12 0.00	25.67 1.04 0.00	24.04 1.01 0.00	23.27 1.02 0.00	22.96 1.02 0.00	20.41 0.91 0.00	21.64 0.87 0.00	24.01 0.85 0.00	23.73 0.81 0.00	22.38 0.74 -0.20	25.62 0.83 0.00	30.89 1.09 0.24	33.68 1.30 1.04	38.35 1.51 0.50	38.83 1.85 0.14	43.87 2.12 0.00	42.62 2.46 0.00	53.20 3.30 0.00	63.04 4.15 0.00	71.04 4.93 0.00	63.75 4.14 0.00	40.32 2.40 0.00	35.38 1.80 0.00
SOUTH HAMPTN____IC 23720	33.04 3.11 0.00	26.37 2.55 0.00	27.06 2.43 0.00	25.04 2.02 0.00	24.12 1.87 0.00	23.81 1.87 0.00	21.20 1.70 0.00	22.68 1.91 0.00	25.45 2.29 0.00	25.17 2.25 0.00	24.87 2.28 -1.16	31.01 2.92 -3.29	37.95 3.77 -4.14	39.67 4.18 -2.07	42.65 4.33 -0.96	41.83 4.41 -0.29	46.67 4.91 -0.01	237.96 5.31 -192.48	225.54 5.79 -169.85	98.41 6.19 -33.34	82.17 6.95 -9.11	74.67 5.96 -9.11	41.45 3.53 0.00	37.05 3.47 -0.01
SOUTHDOW_115KV_TB1 355954	32.01 2.08 0.00	25.18 1.37 0.00	25.96 1.33 0.00	24.15 1.12 0.00	23.17 0.92 0.00	22.86 0.92 0.00	20.15 0.64 0.00	21.69 0.92 0.00	24.36 1.20 0.00	24.22 1.29 0.00	22.81 1.37 0.00	26.39 1.60 0.00	32.07 2.02 0.00	35.64 2.23 0.00	39.91 2.57 0.00	38.93 1.80 0.00	43.87 2.12 0.00	41.77 1.61 0.00	52.03 2.12 0.00	61.07 2.19 0.00	68.30 2.19 0.00	61.80 2.20 0.00	39.58 1.66 0.00	35.68 2.10 0.00
SOUTHOLD_69_KV_BK 2 55809	33.85 3.92 0.00	26.95 3.13 0.00	27.63 3.00 0.00	25.56 2.53 0.00	24.60 2.35 0.00	24.28 2.33 0.00	21.60 2.10 0.00	23.17 2.40 0.00	26.05 2.90 0.00	25.86 2.94 0.00	25.51 2.91 -1.16	31.78 3.70 -3.29	38.96 4.78 -4.14	40.82 5.34 -2.07	43.98 5.67 -0.96	43.15 5.73 -0.29	48.12 6.37 -0.01	239.34 6.61 -192.56	227.32 7.49 -169.92	100.41 8.17 -33.36	84.42 9.20 -9.11	76.55 7.84 -9.11	42.57 4.65 0.00	38.05 4.47 -0.01

SOUTHOLD___IC 23719	33.85 3.92 0.00	26.95 3.13 0.00	27.62 3.00 0.00	25.56 2.53 0.00	24.60 2.35 0.00	24.28 2.33 0.00	21.61 2.10 0.00	23.15 2.38 0.00	26.05 2.90 0.00	25.86 2.94 0.00	25.51 2.91 -1.16	31.78 3.70 -3.29	38.96 4.78 -4.14	40.82 5.33 -2.07	43.98 5.67 -0.96	43.15 5.73 -0.29	48.12 6.36 -0.01	239.35 6.62 -192.57	227.32 7.49 -169.92	100.41 8.17 -33.36	84.42 9.19 -9.11	76.55 7.84 -9.11	42.57 4.65 0.00	38.05 4.46 -0.01
SPIERFLS_115KV_TB 1 80737	30.95 1.02 0.00	24.68 0.86 0.00	25.34 0.72 0.00	23.72 0.69 0.00	22.95 0.69 0.00	22.63 0.68 0.00	20.13 0.62 0.00	21.38 0.61 0.00	23.74 0.59 0.00	23.58 0.66 0.00	22.16 0.46 -0.26	25.42 0.63 0.00	30.35 0.85 0.54	32.26 1.17 2.33	37.48 1.26 1.13	38.39 1.58 0.32	43.66 1.90 0.00	42.40 2.24 0.00	53.10 3.19 0.00	62.43 3.54 0.00	70.08 3.96 0.00	62.82 3.21 0.00	39.83 1.91 0.00	35.06 1.48 0.00
ST LAWRENCE____ 23600	29.42 -0.51 0.00	23.40 -0.42 0.00	24.29 -0.34 0.00	22.72 -0.31 0.00	21.98 -0.27 0.00	21.69 -0.25 0.00	19.26 -0.24 0.00	20.54 -0.23 0.00	22.91 -0.24 0.00	22.67 -0.25 0.00	21.08 -0.36 0.00	24.36 -0.43 0.00	29.52 -0.53 0.00	32.82 -0.59 0.00	36.66 -0.68 0.00	36.59 -0.54 0.00	41.25 -0.51 0.00	39.43 -0.73 0.00	48.96 -0.95 0.00	58.16 -0.73 0.00	65.32 -0.79 0.00	58.97 -0.63 0.00	37.54 -0.38 0.00	33.13 -0.45 0.00
STATE_CA_115KV_115_LB 55624	30.36 0.43 0.00	24.24 0.42 0.00	24.96 0.33 0.00	23.38 0.35 0.00	22.64 0.38 0.00	22.32 0.38 0.00	19.85 0.35 0.00	21.07 0.30 0.00	23.47 0.31 0.00	23.30 0.38 0.00	22.10 0.39 -0.27	25.24 0.45 0.00	30.09 0.56 0.52	31.87 0.67 2.21	37.00 0.73 1.07	37.75 0.92 0.31	42.74 0.98 0.00	41.42 1.26 0.00	51.43 1.52 0.00	60.41 1.53 0.00	67.88 1.77 0.00	61.02 1.42 0.00	38.75 0.83 0.00	34.17 0.59 0.00
STATE_ST_34_KV_LOAD 55959	30.70 0.77 0.00	24.27 0.45 0.00	25.12 0.49 0.00	23.46 0.43 0.00	22.65 0.39 0.00	22.23 0.29 0.00	19.81 0.30 0.00	21.17 0.40 0.00	23.46 0.30 0.00	23.18 0.26 0.00	21.83 0.39 0.00	25.31 0.52 0.00	30.65 0.59 0.00	34.05 0.63 0.00	38.19 0.84 0.00	37.67 0.54 0.00	42.54 0.79 0.00	41.11 0.94 0.00	51.08 1.17 0.00	60.07 1.18 0.00	67.57 1.45 0.00	60.83 1.22 0.00	38.70 0.79 0.00	34.39 0.81 0.00
STATION 5_MISC_HYD 23604	31.13 1.20 0.00	24.61 0.79 0.00	25.41 0.79 0.00	23.69 0.66 0.00	22.78 0.53 0.00	22.43 0.49 0.00	19.77 0.27 0.00	21.17 0.40 0.00	23.65 0.50 0.00	23.47 0.55 0.00	22.04 0.60 0.00	25.60 0.81 0.00	31.05 1.00 0.00	34.57 1.16 0.00	38.63 1.29 0.00	37.84 0.71 0.00	42.54 0.79 0.00	40.80 0.63 0.00	50.81 0.91 0.00	59.63 0.75 0.00	66.70 0.59 0.00	60.30 0.70 0.00	38.56 0.64 0.00	34.68 1.10 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.06 1.13 0.00	24.59 0.77 0.00	25.37 0.74 0.00	23.66 0.64 0.00	22.77 0.52 0.00	22.44 0.49 0.00	19.84 0.33 0.00	21.22 0.45 0.00	23.70 0.55 0.00	23.50 0.58 0.00	22.08 0.64 0.00	25.61 0.82 0.00	31.06 1.01 0.00	34.57 1.16 0.00	38.68 1.34 0.00	38.08 0.95 0.00	42.88 1.13 0.00	41.23 1.06 0.00	51.39 1.48 0.00	60.30 1.42 0.00	67.44 1.33 0.00	60.84 1.24 0.00	38.79 0.87 0.00	34.69 1.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.01 1.09 0.00	24.52 0.70 0.00	25.32 0.69 0.00	23.60 0.58 0.00	22.70 0.45 0.00	22.36 0.41 0.00	19.71 0.21 0.00	21.09 0.32 0.00	23.58 0.42 0.00	23.41 0.48 0.00	21.98 0.54 0.00	25.53 0.74 0.00	30.97 0.93 0.00	34.48 1.06 0.00	38.55 1.20 0.00	37.81 0.68 0.00	42.51 0.76 0.00	40.79 0.63 0.00	50.78 0.88 0.00	59.58 0.69 0.00	66.64 0.53 0.00	60.21 0.61 0.00	38.48 0.56 0.00	34.56 0.98 0.00
STA_56___34_KV_BUS2 355983	31.01 1.09 0.00	24.52 0.70 0.00	25.32 0.69 0.00	23.60 0.58 0.00	22.70 0.45 0.00	22.36 0.41 0.00	19.71 0.21 0.00	21.09 0.32 0.00	23.58 0.42 0.00	23.41 0.48 0.00	21.98 0.54 0.00	25.53 0.74 0.00	30.97 0.93 0.00	34.48 1.06 0.00	38.55 1.20 0.00	37.81 0.68 0.00	42.51 0.76 0.00	40.79 0.63 0.00	50.78 0.88 0.00	59.58 0.69 0.00	66.64 0.53 0.00	60.21 0.61 0.00	38.48 0.56 0.00	34.56 0.98 0.00
STA_67___115KV_BK2 355882	31.05 1.12 0.00	24.54 0.72 0.00	25.35 0.72 0.00	23.63 0.61 0.00	22.73 0.48 0.00	22.38 0.44 0.00	19.73 0.22 0.00	21.11 0.34 0.00	23.59 0.44 0.00	23.42 0.50 0.00	21.98 0.54 0.00	25.51 0.72 0.00	30.94 0.89 0.00	34.45 1.04 0.00	38.49 1.14 0.00	37.71 0.58 0.00	42.39 0.63 0.00	40.65 0.49 0.00	50.63 0.72 0.00	59.41 0.52 0.00	66.47 0.36 0.00	60.09 0.49 0.00	38.45 0.53 0.00	34.58 1.00 0.00
STA_7___115KV_9TRANS 80674	31.34 1.41 0.00	24.75 0.93 0.00	25.56 0.93 0.00	23.82 0.79 0.00	22.90 0.65 0.00	22.56 0.61 0.00	19.87 0.37 0.00	21.27 0.50 0.00	23.78 0.63 0.00	23.61 0.69 0.00	22.18 0.74 0.00	25.79 0.99 0.00	31.30 1.25 0.00	34.86 1.45 0.00	38.97 1.63 0.00	38.18 1.05 0.00	42.89 1.14 0.00	41.17 1.01 0.00	51.29 1.39 0.00	60.16 1.28 0.00	67.26 1.15 0.00	60.77 1.17 0.00	38.86 0.94 0.00	34.91 1.33 0.00
STA_82___115KV_TB1 80780	31.07 1.14 0.00	24.56 0.74 0.00	25.37 0.74 0.00	23.65 0.63 0.00	22.74 0.49 0.00	22.40 0.46 0.00	19.74 0.24 0.00	21.13 0.36 0.00	23.60 0.45 0.00	23.43 0.51 0.00	21.99 0.55 0.00	25.53 0.74 0.00	30.97 0.92 0.00	34.47 1.05 0.00	38.51 1.17 0.00	37.73 0.60 0.00	42.42 0.67 0.00	40.68 0.52 0.00	50.67 0.76 0.00	59.46 0.57 0.00	66.51 0.40 0.00	60.15 0.54 0.00	38.47 0.56 0.00	34.59 1.02 0.00
STEEL___WIND 323596	31.30 1.37 0.00	24.69 0.86 0.00	25.52 0.89 0.00	23.77 0.74 0.00	22.81 0.55 0.00	22.46 0.52 0.00	19.72 0.22 0.00	21.19 0.42 0.00	23.72 0.57 0.00	23.55 0.63 0.00	22.12 0.67 0.00	25.66 0.87 0.00	31.07 1.02 0.00	34.54 1.13 0.00	38.56 1.21 0.00	37.50 0.37 0.00	42.22 0.46 0.00	40.22 0.06 0.00	50.13 0.22 0.00	58.79 -0.09 0.00	65.75 -0.36 0.00	59.59 -0.02 0.00	38.36 0.45 0.00	34.82 1.24 0.00
STEPHTWN_115KV_BK_2 55603	30.55 0.62 0.00	24.33 0.51 0.00	25.04 0.42 0.00	23.45 0.42 0.00	22.70 0.45 0.00	22.40 0.45 0.00	19.90 0.40 0.00	21.17 0.39 0.00	23.60 0.45 0.00	23.43 0.51 0.00	22.23 0.52 -0.27	25.42 0.63 0.00	30.24 0.71 0.51	32.11 0.87 2.17	37.21 0.92 1.05	38.02 1.19 0.30	43.11 1.36 0.00	41.75 1.59 0.00	51.83 1.93 0.00	60.92 2.03 0.00	68.32 2.21 0.00	61.34 1.73 0.00	38.89 0.97 0.00	34.26 0.69 0.00
STEUBEN_REC_LFGE 323667	31.58 1.65 0.00	24.97 1.15 0.00	25.72 1.09 0.00	23.96 0.94 0.00	23.01 0.76 0.00	22.73 0.78 0.00	20.03 0.53 0.00	21.46 0.69 0.00	24.01 0.86 0.00	23.78 0.86 0.00	22.31 0.87 0.00	25.83 1.04 0.00	31.36 1.31 0.00	34.85 1.43 0.00	39.04 1.69 0.00	38.34 1.21 0.00	43.27 1.52 0.00	41.45 1.28 0.00	51.75 1.84 0.00	60.89 2.01 0.00	68.27 2.16 0.00	61.61 2.01 0.00	39.33 1.41 0.00	35.27 1.69 0.00

STONY___BROOK 24151	32.32 2.39 0.00	25.82 2.00 0.00	26.46 1.83 0.00	24.53 1.50 0.00	23.65 1.40 0.00	23.30 1.35 0.00	20.75 1.25 0.00	22.16 1.39 0.00	24.84 1.69 0.00	24.64 1.72 0.00	24.48 1.88 -1.16	30.52 2.44 -3.29	37.29 3.11 -4.14	38.89 3.41 -2.07	41.71 3.40 -0.96	40.89 3.47 -0.30	45.36 3.61 -0.01	290.00 4.06 -245.77	271.08 4.29 -216.88	105.86 4.41 -42.57	82.98 5.24 -11.63	75.95 4.72 -11.63	40.74 2.82 0.00	36.46 2.88 -0.01
STURGEON_POOL_HYD 23609	31.16 1.23 0.00	24.89 1.07 0.00	25.53 0.90 0.00	23.86 0.84 0.00	23.07 0.82 0.00	22.70 0.76 0.00	20.23 0.72 0.00	21.56 0.79 0.00	24.15 1.00 0.00	24.00 1.07 0.00	22.67 1.23 0.00	26.27 1.48 0.00	32.09 1.86 -0.17	36.14 1.99 -0.73	40.06 2.36 -0.35	39.64 2.40 -0.10	44.30 2.55 0.00	42.81 2.64 0.00	52.97 3.06 0.00	61.82 2.93 0.00	69.27 3.16 0.00	62.42 2.81 0.00	39.65 1.73 0.00	35.11 1.53 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.08 1.15 0.00	24.80 0.98 0.00	25.45 0.82 0.00	23.78 0.75 0.00	22.99 0.74 0.00	22.63 0.69 0.00	20.17 0.66 0.00	21.49 0.72 0.00	24.04 0.88 0.00	23.88 0.96 0.00	21.47 1.10 1.07	26.12 1.33 0.00	32.09 1.66 -0.39	36.88 1.82 -1.65	40.25 2.10 -0.80	39.54 2.18 -0.23	44.11 2.36 0.00	42.58 2.42 0.00	52.71 2.81 0.00	61.69 2.80 0.00	69.17 3.06 0.00	62.30 2.70 0.00	39.54 1.63 0.00	35.01 1.43 0.00
SWANROAD_115KV_TB1 355699	30.58 0.65 0.00	24.13 0.31 0.00	24.97 0.35 0.00	23.27 0.24 0.00	22.34 0.09 0.00	21.97 0.03 0.00	19.25 -0.25 0.00	20.65 -0.12 0.00	23.12 -0.04 0.00	22.93 0.01 0.00	21.49 0.05 0.00	24.92 0.13 0.00	30.11 0.06 0.00	33.48 0.07 0.00	37.27 -0.08 0.00	36.10 -1.04 0.00	40.65 -1.11 0.00	38.70 -1.47 0.00	48.18 -1.72 0.00	56.53 -2.35 0.00	63.22 -2.89 0.00	57.52 -2.08 0.00	37.15 -0.77 0.00	33.91 0.33 0.00
SYNERGY___BIOGAS 323694	31.76 1.83 0.00	25.05 1.23 0.00	25.87 1.24 0.00	24.09 1.07 0.00	23.13 0.88 0.00	22.76 0.81 0.00	19.98 0.48 0.00	21.42 0.65 0.00	23.94 0.79 0.00	23.73 0.81 0.00	22.25 0.81 0.00	25.85 1.06 0.00	31.43 1.38 0.00	34.97 1.56 0.00	39.00 1.66 0.00	37.99 0.86 0.00	42.74 0.99 0.00	41.00 0.83 0.00	51.22 1.32 0.00	60.17 1.29 0.00	67.30 1.19 0.00	60.98 1.38 0.00	39.13 1.21 0.00	35.41 1.83 0.00
SYRACUSE___ENERGY_ST1 323597	30.18 0.25 0.00	23.95 0.13 0.00	24.73 0.11 0.00	23.09 0.07 0.00	22.29 0.04 0.00	21.96 0.02 0.00	19.51 0.01 0.00	20.82 0.04 0.00	23.18 0.02 0.00	22.92 0.00 0.00	21.53 0.09 0.00	24.94 0.15 0.00	30.23 0.19 0.00	33.59 0.18 0.00	37.60 0.25 0.00	37.25 0.11 0.00	41.93 0.18 0.00	40.42 0.26 0.00	50.32 0.41 0.00	59.19 0.30 0.00	66.39 0.28 0.00	59.78 0.18 0.00	38.03 0.11 0.00	33.77 0.19 0.00
SYRACUSE___ENERGY_ST2 323598	30.18 0.25 0.00	23.95 0.13 0.00	24.73 0.11 0.00	23.09 0.07 0.00	22.29 0.04 0.00	21.96 0.02 0.00	19.51 0.01 0.00	20.82 0.04 0.00	23.18 0.02 0.00	22.92 0.00 0.00	21.53 0.09 0.00	24.94 0.15 0.00	30.23 0.19 0.00	33.59 0.18 0.00	37.60 0.25 0.00	37.25 0.11 0.00	41.93 0.18 0.00	40.42 0.26 0.00	50.32 0.41 0.00	59.19 0.30 0.00	66.39 0.28 0.00	59.78 0.18 0.00	38.03 0.11 0.00	33.77 0.19 0.00
SYRACUSE___POWER 24017	30.15 0.22 0.00	23.94 0.13 0.00	24.71 0.08 0.00	23.07 0.05 0.00	22.26 0.01 0.00	21.95 0.00 0.00	19.49 -0.01 0.00	20.79 0.02 0.00	23.16 0.01 0.00	22.91 -0.01 0.00	21.51 0.07 0.00	24.90 0.11 0.00	30.20 0.15 0.00	33.54 0.13 0.00	37.53 0.18 0.00	37.18 0.05 0.00	41.85 0.10 0.00	40.34 0.17 0.00	50.26 0.35 0.00	59.13 0.25 0.00	66.32 0.21 0.00	59.71 0.11 0.00	37.98 0.06 0.00	33.72 0.14 0.00
TALLMAN__138KV_BK151 55660	31.25 1.32 0.00	24.93 1.11 0.00	25.56 0.94 0.00	23.88 0.85 0.00	23.08 0.83 0.00	22.71 0.77 0.00	20.25 0.75 0.00	21.59 0.82 0.00	24.18 1.03 0.00	24.04 1.12 0.00	21.25 1.28 1.47	26.34 1.55 0.00	32.40 1.94 -0.42	37.31 2.11 -1.78	40.66 2.45 -0.86	39.88 2.51 -0.25	44.43 2.68 0.00	42.88 2.72 0.00	53.06 3.15 0.00	62.01 3.12 0.00	69.52 3.41 0.00	62.61 3.01 0.00	39.73 1.81 0.00	35.20 1.62 0.00
TEALLAVE_115KV_TB7 355573	30.02 0.09 0.00	23.84 0.02 0.00	24.60 -0.02 0.00	22.98 -0.05 0.00	22.17 -0.09 0.00	21.86 -0.08 0.00	19.41 -0.10 0.00	20.70 -0.08 0.00	23.05 -0.10 0.00	22.81 -0.11 0.00	21.42 -0.02 0.00	24.79 0.00 0.00	30.05 0.01 0.00	33.38 -0.04 0.00	37.31 -0.04 0.00	36.96 -0.18 0.00	41.59 -0.16 0.00	40.07 -0.09 0.00	49.91 0.00 0.00	58.73 -0.15 0.00	65.85 -0.26 0.00	59.30 -0.30 0.00	37.72 -0.20 0.00	33.52 -0.06 0.00
TELGRAPH_34_KV_EAST 80808	31.25 1.32 0.00	24.65 0.83 0.00	25.49 0.86 0.00	23.74 0.71 0.00	22.79 0.54 0.00	22.41 0.47 0.00	19.67 0.16 0.00	21.08 0.31 0.00	23.61 0.46 0.00	23.44 0.52 0.00	21.98 0.54 0.00	25.52 0.73 0.00	30.90 0.85 0.00	34.38 0.97 0.00	38.32 0.97 0.00	37.21 0.07 0.00	41.86 0.11 0.00	39.98 -0.19 0.00	49.84 -0.07 0.00	58.48 -0.40 0.00	65.41 -0.70 0.00	59.37 -0.24 0.00	38.21 0.29 0.00	34.74 1.16 0.00
TEMPLE___115KV_TB 2 55572	30.04 0.11 0.00	23.86 0.03 0.00	24.62 -0.01 0.00	23.00 -0.03 0.00	22.18 -0.08 0.00	21.88 -0.07 0.00	19.41 -0.09 0.00	20.71 -0.06 0.00	23.08 -0.08 0.00	22.83 -0.09 0.00	21.43 -0.01 0.00	24.81 0.02 0.00	30.08 0.04 0.00	33.41 -0.01 0.00	37.34 0.00 0.00	36.99 -0.13 0.00	41.64 -0.12 0.00	40.11 -0.06 0.00	49.95 0.05 0.00	58.77 -0.12 0.00	65.90 -0.21 0.00	59.33 -0.28 0.00	37.75 -0.17 0.00	33.55 -0.03 0.00
TIANA____69_KV_BK 1 55817	32.85 2.92 0.00	26.23 2.41 0.00	26.92 2.29 0.00	24.93 1.90 0.00	24.01 1.76 0.00	23.69 1.75 0.00	21.09 1.59 0.00	22.58 1.81 0.00	25.30 2.15 0.00	25.02 2.10 0.00	24.73 2.13 -1.16	30.84 2.75 -3.29	37.72 3.54 -4.14	39.42 3.93 -2.07	42.34 4.03 -0.96	41.53 4.11 -0.29	46.34 4.58 -0.01	237.70 4.99 -192.55	225.22 5.40 -169.91	98.00 5.76 -33.35	81.70 6.48 -9.11	74.30 5.59 -9.11	41.23 3.31 0.00	36.84 3.26 -0.01
TILDEN___115KV_TB1 80814	30.15 0.22 0.00	23.94 0.13 0.00	24.71 0.08 0.00	23.07 0.05 0.00	22.26 0.01 0.00	21.95 0.00 0.00	19.49 -0.01 0.00	20.79 0.02 0.00	23.16 0.01 0.00	22.91 -0.01 0.00	21.51 0.07 0.00	24.90 0.11 0.00	30.20 0.15 0.00	33.54 0.13 0.00	37.53 0.18 0.00	37.18 0.05 0.00	41.85 0.10 0.00	40.34 0.17 0.00	50.26 0.35 0.00	59.13 0.25 0.00	66.32 0.21 0.00	59.71 0.11 0.00	37.98 0.06 0.00	33.72 0.14 0.00
TRIGEN___CC 323695	31.73 1.80 0.00	25.33 1.51 0.00	25.95 1.32 0.00	24.15 1.12 0.00	23.32 1.07 0.00	22.96 1.01 0.00	20.45 0.94 0.00	21.83 1.06 0.00	24.47 1.32 0.00	24.32 1.40 0.00	24.24 1.64 -1.16	30.14 2.06 -3.29	36.68 2.50 -4.14	38.14 2.66 -2.07	41.06 2.75 -0.96	40.25 2.85 -0.28	44.83 3.08 0.00	43.51 3.34 0.00	53.49 3.58 0.00	62.45 3.56 0.00	70.20 4.09 0.00	63.30 3.69 0.00	40.24 2.33 0.00	35.92 2.34 0.00

TRINITY__115KV__4 BK 55933	30.21 0.28 0.00	24.13 0.31 0.00	24.85 0.23 0.00	23.29 0.26 0.00	22.55 0.30 0.00	22.24 0.29 0.00	19.78 0.28 0.00	20.99 0.22 0.00	23.36 0.21 0.00	23.19 0.26 0.00	21.99 0.28 -0.27	25.11 0.31 0.00	29.90 0.37 0.51	31.69 0.46 2.18	36.75 0.46 1.06	37.50 0.67 0.30	42.42 0.67 0.00	41.13 0.96 0.00	51.06 1.15 0.00	60.01 1.13 0.00	67.45 1.34 0.00	60.64 1.04 0.00	38.52 0.60 0.00	33.97 0.39 0.00
UNION__PROCESSING_DRP 323587	31.08 1.15 0.00	24.57 0.75 0.00	25.37 0.74 0.00	23.66 0.63 0.00	22.75 0.50 0.00	22.40 0.46 0.00	19.74 0.24 0.00	21.13 0.36 0.00	23.61 0.46 0.00	23.44 0.52 0.00	22.00 0.56 0.00	25.54 0.74 0.00	30.97 0.93 0.00	34.48 1.07 0.00	38.52 1.18 0.00	37.75 0.62 0.00	42.44 0.68 0.00	40.70 0.53 0.00	50.70 0.79 0.00	59.49 0.61 0.00	66.55 0.44 0.00	60.16 0.55 0.00	38.49 0.57 0.00	34.62 1.04 0.00
UPPER HUDSON__HYD 24058	30.95 1.02 0.00	24.68 0.86 0.00	25.34 0.72 0.00	23.72 0.69 0.00	22.95 0.69 0.00	22.63 0.68 0.00	20.13 0.62 0.00	21.37 0.60 0.00	23.74 0.59 0.00	23.58 0.66 0.00	22.16 0.46 -0.26	25.42 0.62 0.00	30.35 0.85 0.54	32.26 1.17 2.33	37.48 1.26 1.13	38.39 1.58 0.32	43.66 1.91 0.00	42.40 2.24 0.00	53.10 3.19 0.00	62.43 3.54 0.00	70.08 3.96 0.00	62.81 3.21 0.00	39.82 1.90 0.00	35.06 1.48 0.00
UPPER RAQUET__HYD 24056	29.15 -0.78 0.00	23.15 -0.67 0.00	24.00 -0.62 0.00	22.43 -0.60 0.00	21.70 -0.56 0.00	21.46 -0.48 0.00	19.07 -0.43 0.00	20.33 -0.44 0.00	22.69 -0.47 0.00	22.44 -0.48 0.00	20.84 -0.60 0.00	24.07 -0.73 0.00	29.18 -0.87 0.00	32.48 -0.94 0.00	36.25 -1.10 0.00	36.24 -0.89 0.00	40.93 -0.82 0.00	39.20 -0.96 0.00	48.82 -1.09 0.00	58.20 -0.69 0.00	65.48 -0.63 0.00	59.05 -0.55 0.00	37.48 -0.44 0.00	32.97 -0.61 0.00
VALLEY44_115KV_TB2 355964	31.07 1.14 0.00	24.52 0.70 0.00	25.29 0.66 0.00	23.57 0.55 0.00	22.67 0.42 0.00	22.38 0.44 0.00	19.73 0.23 0.00	21.18 0.41 0.00	23.75 0.59 0.00	23.57 0.65 0.00	22.12 0.68 0.00	25.48 0.69 0.00	30.91 0.87 0.00	34.37 0.96 0.00	38.44 1.09 0.00	37.54 0.41 0.00	42.26 0.51 0.00	40.14 -0.02 0.00	50.04 0.13 0.00	58.66 -0.22 0.00	65.72 -0.39 0.00	59.48 -0.13 0.00	38.13 0.21 0.00	34.41 0.83 0.00
VALLEY__115KV_TB 1-4 80826	29.82 -0.11 0.00	23.72 -0.10 0.00	24.42 -0.21 0.00	22.83 -0.20 0.00	22.07 -0.18 0.00	21.81 -0.13 0.00	19.40 -0.10 0.00	20.60 -0.17 0.00	22.91 -0.25 0.00	22.73 -0.19 0.00	21.33 -0.11 0.00	24.68 -0.11 0.00	29.93 -0.11 0.00	33.29 -0.12 0.00	37.26 -0.09 0.00	37.19 0.06 0.00	41.78 0.03 0.00	40.49 0.33 0.00	50.55 0.64 0.00	59.56 0.68 0.00	67.01 0.90 0.00	60.23 0.63 0.00	38.18 0.26 0.00	33.66 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.02 1.09 0.00	24.67 0.85 0.00	25.44 0.82 0.00	23.81 0.78 0.00	22.99 0.74 0.00	22.66 0.72 0.00	20.15 0.65 0.00	21.47 0.70 0.00	23.98 0.83 0.00	23.78 0.86 0.00	22.36 0.92 0.00	25.87 1.08 0.00	31.38 1.33 0.00	34.88 1.47 0.00	39.06 1.71 0.00	38.77 1.64 0.00	43.55 1.80 0.00	41.99 1.83 0.00	52.14 2.23 0.00	61.31 2.43 0.00	68.71 2.60 0.00	61.98 2.38 0.00	39.39 1.47 0.00	34.87 1.29 0.00
VISCHER__FERRY HYD 24020	30.69 0.76 0.00	24.50 0.68 0.00	25.23 0.61 0.00	23.63 0.60 0.00	22.90 0.65 0.00	22.60 0.66 0.00	20.10 0.59 0.00	21.31 0.54 0.00	23.71 0.55 0.00	23.53 0.61 0.00	22.26 0.55 -0.27	25.39 0.60 0.00	30.04 0.71 0.71	31.21 0.85 3.05	36.75 0.88 1.48	37.82 1.11 0.42	42.93 1.18 0.00	41.67 1.50 0.00	51.85 1.94 0.00	61.00 2.12 0.00	68.59 2.48 0.00	61.60 2.00 0.00	39.14 1.22 0.00	34.50 0.92 0.00
V_A_10_SYNC_DSASP 323832	30.76 0.84 0.00	24.31 0.49 0.00	25.14 0.51 0.00	23.44 0.41 0.00	22.52 0.27 0.00	22.17 0.23 0.00	19.50 0.00 0.00	20.89 0.12 0.00	23.37 0.21 0.00	23.18 0.26 0.00	21.73 0.29 0.00	25.19 0.40 0.00	30.47 0.43 0.00	33.87 0.46 0.00	37.76 0.41 0.00	36.80 -0.33 0.00	41.37 -0.38 0.00	39.47 -0.70 0.00	49.14 -0.76 0.00	57.66 -1.23 0.00	64.52 -1.59 0.00	58.53 -1.07 0.00	37.63 -0.29 0.00	34.14 0.56 0.00
V_CMM_10_SYNC_DSASP 323787	29.56 -0.37 0.00	23.51 -0.31 0.00	24.39 -0.23 0.00	22.82 -0.20 0.00	22.08 -0.18 0.00	21.80 -0.15 0.00	19.35 -0.15 0.00	20.64 -0.14 0.00	23.02 -0.13 0.00	22.78 -0.14 0.00	21.18 -0.25 0.00	24.48 -0.31 0.00	29.66 -0.39 0.00	32.98 -0.44 0.00	36.84 -0.51 0.00	36.77 -0.36 0.00	41.44 -0.31 0.00	39.62 -0.54 0.00	49.18 -0.72 0.00	58.44 -0.45 0.00	65.61 -0.49 0.00	59.23 -0.37 0.00	37.70 -0.22 0.00	33.27 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	30.40 0.47 0.00	24.08 0.26 0.00	24.82 0.19 0.00	23.37 0.34 0.00	22.82 0.56 0.00	22.65 0.70 0.00	20.10 0.59 0.00	21.43 0.66 0.00	23.90 0.75 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.42 0.63 0.00	30.83 0.78 0.00	34.26 0.84 0.00	38.31 0.97 0.00	38.59 1.46 0.00	43.64 1.89 0.00	41.90 1.73 0.00	52.15 2.24 0.00	61.46 2.57 0.00	68.96 2.85 0.00	62.39 2.79 0.00	39.35 1.43 0.00	34.45 0.87 0.00
V_E_10_SYNC_DSASP 323830	32.35 2.43 0.00	25.62 1.80 0.00	26.39 1.76 0.00	24.62 1.60 0.00	23.73 1.48 0.00	23.46 1.51 0.00	20.83 1.33 0.00	22.21 1.44 0.00	24.66 1.51 0.00	24.39 1.47 0.00	22.92 1.48 0.00	26.41 1.62 0.00	32.36 2.32 0.00	35.96 2.54 0.00	40.24 2.90 0.00	39.76 2.63 0.00	44.85 3.10 0.00	43.58 3.42 0.00	54.85 4.94 0.00	64.89 6.00 0.00	72.84 6.73 0.00	65.48 5.88 0.00	41.42 3.50 0.00	36.61 3.03 0.00
V_F_30_NSYNC__DSASP 323816	31.17 1.24 0.00	24.85 1.03 0.00	25.56 0.94 0.00	23.92 0.90 0.00	23.16 0.91 0.00	22.85 0.90 0.00	20.32 0.81 0.00	21.57 0.80 0.00	23.99 0.84 0.00	23.82 0.90 0.00	22.51 0.81 -0.26	25.75 0.96 0.00	30.67 1.20 0.57	32.41 1.44 2.44	37.75 1.58 1.18	38.61 1.82 0.34	43.84 2.09 0.00	42.55 2.39 0.00	53.02 3.11 0.00	62.37 3.48 0.00	70.04 3.93 0.00	62.89 3.29 0.00	39.90 1.98 0.00	35.14 1.56 0.00
V_F_30_SYNC_DSASP 323786	30.36 0.43 0.00	24.24 0.42 0.00	24.96 0.33 0.00	23.38 0.35 0.00	22.64 0.38 0.00	22.32 0.37 0.00	19.85 0.35 0.00	21.07 0.30 0.00	23.47 0.31 0.00	23.30 0.38 0.00	22.10 0.39 -0.27	25.24 0.45 0.00	30.09 0.56 0.52	31.87 0.67 2.21	37.00 0.72 1.07	37.74 0.92 0.31	42.74 0.98 0.00	41.42 1.25 0.00	51.42 1.52 0.00	60.41 1.52 0.00	67.86 1.75 0.00	61.02 1.42 0.00	38.75 0.83 0.00	34.17 0.59 0.00
V_XM_10_SYNC_DSASP 323789	30.40 0.47 0.00	24.08 0.26 0.00	24.82 0.19 0.00	23.37 0.34 0.00	22.82 0.56 0.00	22.65 0.70 0.00	20.10 0.59 0.00	21.43 0.66 0.00	23.90 0.75 0.00	23.67 0.75 0.00	22.03 0.59 0.00	25.42 0.63 0.00	30.83 0.78 0.00	34.26 0.84 0.00	38.31 0.97 0.00	38.59 1.46 0.00	43.64 1.89 0.00	41.90 1.73 0.00	52.15 2.24 0.00	61.46 2.57 0.00	68.96 2.85 0.00	62.39 2.79 0.00	39.35 1.43 0.00	34.45 0.87 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.38 1.45 0.00	25.03 1.21 0.00	25.67 1.04 0.00	23.97 0.94 0.00	23.18 0.93 0.00	22.81 0.86 0.00	20.33 0.83 0.00	21.67 0.90 0.00	24.28 1.13 0.00	24.13 1.21 0.00	21.24 1.37 1.57	26.45 1.66 0.00	32.54 2.06 -0.42	37.50 2.27 -1.81	40.86 2.64 -0.88	40.08 2.70 -0.25	44.65 2.89 0.00	43.11 2.94 0.00	53.34 3.43 0.00	62.33 3.45 0.00	69.90 3.78 0.00	62.93 3.32 0.00	39.92 2.01 0.00	35.35 1.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.52 1.59 0.00	25.17 1.36 0.00	25.79 1.16 0.00	24.09 1.06 0.00	23.28 1.03 0.00	22.91 0.97 0.00	20.44 0.94 0.00	21.81 1.03 0.00	24.43 1.28 0.00	24.30 1.37 0.00	24.15 1.54 -1.17	26.66 1.87 0.00	32.77 2.26 -0.47	37.79 2.39 -1.99	41.02 2.71 -0.96	40.20 2.80 -0.27	44.67 2.92 0.00	43.16 2.99 0.00	53.29 3.38 0.00	62.20 3.32 0.00	69.82 3.71 0.00	62.96 3.35 0.00	40.02 2.10 0.00	35.51 1.93 0.00
W50THST__13_KV_LOAD 356117	31.71 1.78 0.00	25.32 1.50 0.00	25.94 1.31 0.00	24.22 1.19 0.00	23.40 1.15 0.00	23.03 1.09 0.00	20.56 1.05 0.00	21.94 1.16 0.00	24.59 1.44 0.00	24.46 1.54 0.00	24.30 1.70 -1.17	26.83 2.05 0.00	33.00 2.48 -0.47	38.05 2.64 -1.99	41.30 2.99 -0.96	40.47 3.06 -0.27	44.93 3.17 0.00	43.37 3.21 0.00	53.54 3.64 0.00	62.49 3.60 0.00	70.15 4.04 0.00	63.28 3.67 0.00	40.24 2.32 0.00	35.72 2.14 0.00
WADING RIVER_IC_1 23522	32.36 2.43 0.00	25.89 2.07 0.00	26.61 1.98 0.00	24.64 1.62 0.00	23.75 1.49 0.00	23.46 1.51 0.00	20.89 1.39 0.00	22.32 1.55 0.00	24.97 1.81 0.00	24.57 1.65 0.00	24.25 1.65 -1.16	30.25 2.17 -3.29	36.98 2.80 -4.14	38.57 3.08 -2.07	41.37 3.06 -0.96	40.57 3.15 -0.29	45.21 3.45 -0.01	236.20 3.92 -192.11	223.48 4.05 -169.52	96.43 4.26 -33.28	80.11 4.90 -9.09	72.96 4.26 -9.09	40.42 2.50 0.00	36.16 2.58 -0.01
WADING RIVER_IC_2 23547	32.36 2.43 0.00	25.89 2.07 0.00	26.61 1.98 0.00	24.64 1.62 0.00	23.75 1.49 0.00	23.46 1.51 0.00	20.89 1.39 0.00	22.32 1.55 0.00	24.97 1.81 0.00	24.57 1.65 0.00	24.25 1.65 -1.16	30.25 2.17 -3.29	36.98 2.80 -4.14	38.57 3.08 -2.07	41.37 3.06 -0.96	40.57 3.15 -0.29	45.21 3.45 -0.01	236.20 3.92 -192.11	223.48 4.05 -169.52	96.43 4.26 -33.28	80.11 4.90 -9.09	72.96 4.26 -9.09	40.42 2.50 0.00	36.16 2.58 -0.01
WADING RIVER_IC_3 23601	32.36 2.43 0.00	25.89 2.07 0.00	26.61 1.98 0.00	24.64 1.62 0.00	23.75 1.49 0.00	23.46 1.51 0.00	20.89 1.39 0.00	22.32 1.55 0.00	24.97 1.81 0.00	24.57 1.65 0.00	24.25 1.65 -1.16	30.25 2.17 -3.29	36.98 2.80 -4.14	38.57 3.08 -2.07	41.37 3.06 -0.96	40.57 3.15 -0.29	45.21 3.45 -0.01	236.20 3.92 -192.11	223.48 4.05 -169.52	96.43 4.26 -33.28	80.11 4.90 -9.09	72.96 4.26 -9.09	40.42 2.50 0.00	36.16 2.58 -0.01
WALDENNY_I2_KV_BK2 80841	31.32 1.39 0.00	24.70 0.87 0.00	25.51 0.89 0.00	23.76 0.73 0.00	22.81 0.55 0.00	22.46 0.51 0.00	19.71 0.20 0.00	21.16 0.39 0.00	23.72 0.57 0.00	23.56 0.64 0.00	22.13 0.69 0.00	25.68 0.89 0.00	31.11 1.07 0.00	34.60 1.19 0.00	38.61 1.26 0.00	37.54 0.41 0.00	42.28 0.53 0.00	40.28 0.11 0.00	50.18 0.27 0.00	58.84 -0.04 0.00	65.80 -0.31 0.00	59.63 0.02 0.00	38.39 0.47 0.00	34.85 1.27 0.00
WALDEN___HYDRO 24148	31.37 1.44 0.00	25.02 1.20 0.00	25.66 1.03 0.00	23.97 0.94 0.00	23.16 0.91 0.00	22.79 0.85 0.00	20.31 0.81 0.00	21.63 0.86 0.00	24.22 1.07 0.00	24.06 1.14 0.00	22.44 1.27 0.27	26.36 1.57 0.00	32.34 1.95 -0.35	37.05 2.15 -1.48	40.58 2.52 -0.72	39.97 2.63 -0.20	44.65 2.89 0.00	43.15 2.99 0.00	53.45 3.54 0.00	62.56 3.67 0.00	70.10 3.99 0.00	63.08 3.48 0.00	40.02 2.10 0.00	35.40 1.82 0.00
WARRENSBURG____ 23737	30.95 1.02 0.00	24.68 0.86 0.00	25.34 0.72 0.00	23.72 0.69 0.00	22.95 0.69 0.00	22.63 0.68 0.00	20.13 0.62 0.00	21.37 0.60 0.00	23.74 0.59 0.00	23.58 0.66 0.00	22.16 0.46 -0.26	25.42 0.62 0.00	30.35 0.85 0.54	32.26 1.17 2.33	37.48 1.26 1.13	38.39 1.58 0.32	43.66 1.91 0.00	42.40 2.24 0.00	53.10 3.19 0.00	62.43 3.54 0.00	70.08 3.96 0.00	62.81 3.21 0.00	39.82 1.90 0.00	35.06 1.48 0.00
WATERSIDE___6 8 9 23538	31.53 1.61 0.00	25.19 1.37 0.00	25.80 1.18 0.00	24.11 1.08 0.00	23.30 1.05 0.00	22.93 0.98 0.00	20.46 0.95 0.00	21.81 1.04 0.00	24.43 1.28 0.00	24.30 1.38 0.00	24.14 1.53 -1.16	26.66 1.87 0.00	32.78 2.26 -0.47	37.78 2.37 -1.99	40.98 2.68 -0.96	40.15 2.74 -0.27	44.55 2.80 0.00	43.04 2.88 0.00	53.18 3.28 0.00	62.08 3.20 0.00	69.65 3.54 0.00	62.83 3.23 0.00	39.99 2.07 0.00	35.50 1.92 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.84 -0.09 0.00	23.73 -0.08 0.00	24.46 -0.16 0.00	22.87 -0.16 0.00	22.11 -0.14 0.00	21.83 -0.11 0.00	19.42 -0.09 0.00	20.64 -0.14 0.00	22.96 -0.19 0.00	22.76 -0.16 0.00	21.33 -0.11 0.00	24.67 -0.12 0.00	29.92 -0.13 0.00	33.29 -0.12 0.00	37.23 -0.12 0.00	37.09 -0.04 0.00	41.70 -0.05 0.00	40.36 0.19 0.00	50.32 0.41 0.00	59.28 0.40 0.00	66.68 0.57 0.00	59.99 0.39 0.00	38.05 0.13 0.00	33.61 0.03 0.00
WATSON___69_KV_BK 1 55734	32.61 2.69 0.00	26.03 2.21 0.00	26.66 2.03 0.00	24.72 1.69 0.00	23.83 1.58 0.00	23.46 1.52 0.00	20.89 1.39 0.00	22.32 1.55 0.00	25.04 1.88 0.00	24.86 1.94 0.00	24.73 2.13 -1.16	30.82 2.73 -3.29	37.63 3.45 -4.14	39.27 3.78 -2.07	42.14 3.83 -0.96	41.23 3.82 -0.28	45.89 4.13 0.00	140.89 4.53 -96.19	139.75 4.95 -84.88	80.88 5.33 -16.66	76.76 6.09 -4.55	69.61 5.46 -4.55	41.26 3.34 0.00	36.90 3.32 -0.01
WDELAWARE___HYD 323627	31.11 1.18 0.00	24.78 0.96 0.00	25.39 0.76 0.00	23.70 0.67 0.00	22.89 0.64 0.00	22.53 0.58 0.00	20.08 0.57 0.00	21.41 0.63 0.00	23.96 0.81 0.00	23.68 0.76 0.00	21.62 0.35 0.17	25.27 0.47 0.00	30.92 0.65 -0.22	35.13 0.76 -0.96	38.86 1.05 -0.46	38.49 1.23 -0.13	42.97 1.22 0.00	41.64 1.48 0.00	51.74 1.83 0.00	60.50 1.62 0.00	67.75 1.64 0.00	61.55 1.95 0.00	39.75 1.84 0.00	35.09 1.51 0.00
WEST BABYLON___IC 23714	32.48 2.55 0.00	25.91 2.09 0.00	26.53 1.91 0.00	24.62 1.59 0.00	23.74 1.49 0.00	23.37 1.43 0.00	20.81 1.30 0.00	22.23 1.46 0.00	24.93 1.78 0.00	24.76 1.84 0.00	24.66 2.06 -1.16	30.72 2.63 -3.29	37.48 3.29 -4.14	39.09 3.60 -2.07	41.98 3.67 -0.96	41.09 3.68 -0.28	45.76 4.01 0.00	67.71 4.39 -23.16	75.12 4.78 -20.43	67.98 5.09 -4.01	73.00 5.79 -1.10	65.91 5.21 -1.10	41.13 3.21 0.00	36.77 3.19 0.00
WEST CANADA___HYD 24049	29.96 0.03 0.00	23.84 0.02 0.00	24.63 0.00 0.00	23.03 0.00 0.00	22.23 -0.02 0.00	21.93 -0.02 0.00	19.50 0.00 0.00	20.75 -0.02 0.00	23.13 -0.02 0.00	22.90 -0.02 0.00	21.44 0.00 0.00	24.79 0.00 0.00	30.07 0.02 0.00	33.45 0.03 0.00	37.38 0.03 0.00	37.12 -0.02 0.00	41.73 -0.03 0.00	40.23 0.06 0.00	50.01 0.10 0.00	58.95 0.06 0.00	66.20 0.09 0.00	59.72 0.12 0.00	37.96 0.05 0.00	33.61 0.03 0.00

WESTERN_NY_WIND 24143	31.73 1.80 0.00	25.02 1.20 0.00	25.85 1.23 0.00	24.07 1.04 0.00	23.11 0.86 0.00	22.74 0.79 0.00	19.96 0.46 0.00	21.40 0.63 0.00	23.92 0.77 0.00	23.71 0.79 0.00	22.23 0.79 0.00	25.82 1.03 0.00	31.38 1.34 0.00	34.93 1.51 0.00	38.95 1.61 0.00	37.92 0.79 0.00	42.67 0.92 0.00	40.92 0.75 0.00	51.12 1.22 0.00	60.06 1.17 0.00	67.19 1.08 0.00	60.89 1.29 0.00	39.08 1.16 0.00	35.37 1.79 0.00
WESTOVER___LESR 323668	30.54 0.62 0.00	24.23 0.41 0.00	24.99 0.36 0.00	23.34 0.31 0.00	22.50 0.25 0.00	22.23 0.28 0.00	19.72 0.22 0.00	21.05 0.28 0.00	23.48 0.33 0.00	23.24 0.31 0.00	21.86 0.42 0.00	25.26 0.47 0.00	30.69 0.64 0.00	34.08 0.67 0.00	38.22 0.88 0.00	37.79 0.66 0.00	42.46 0.70 0.00	40.85 0.69 0.00	50.85 0.94 0.00	59.77 0.89 0.00	67.05 0.94 0.00	60.41 0.81 0.00	38.48 0.56 0.00	34.21 0.63 0.00
WETHRSFD_WT_PWR 323626	31.00 1.08 0.00	24.50 0.69 0.00	25.30 0.67 0.00	23.56 0.53 0.00	22.61 0.36 0.00	22.30 0.36 0.00	19.62 0.11 0.00	21.07 0.30 0.00	23.60 0.45 0.00	23.41 0.49 0.00	22.00 0.55 0.00	25.49 0.70 0.00	30.88 0.83 0.00	34.31 0.89 0.00	38.35 1.00 0.00	37.42 0.29 0.00	42.10 0.35 0.00	40.26 0.09 0.00	50.10 0.19 0.00	58.86 -0.02 0.00	65.94 -0.17 0.00	59.67 0.06 0.00	38.29 0.37 0.00	34.57 0.99 0.00
WHAVSTOR_138KV_BK127 55557	31.21 1.29 0.00	24.91 1.09 0.00	25.55 0.93 0.00	23.86 0.83 0.00	23.07 0.82 0.00	22.70 0.76 0.00	20.24 0.74 0.00	21.57 0.80 0.00	24.16 1.01 0.00	24.01 1.09 0.00	21.10 1.25 1.59	26.30 1.51 0.00	32.35 1.88 -0.43	37.27 2.04 -1.82	40.58 2.36 -0.88	39.79 2.40 -0.25	44.32 2.57 0.00	42.80 2.64 0.00	52.96 3.05 0.00	61.88 3.00 0.00	69.39 3.28 0.00	62.52 2.92 0.00	39.67 1.76 0.00	35.15 1.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.21 1.29 0.00	24.91 1.09 0.00	25.55 0.93 0.00	23.86 0.83 0.00	23.07 0.82 0.00	22.70 0.76 0.00	20.24 0.74 0.00	21.57 0.80 0.00	24.16 1.01 0.00	24.01 1.09 0.00	21.10 1.25 1.59	26.30 1.51 0.00	32.35 1.88 -0.43	37.27 2.04 -1.82	40.58 2.36 -0.88	39.79 2.40 -0.25	44.32 2.57 0.00	42.80 2.64 0.00	52.96 3.05 0.00	61.88 3.00 0.00	69.39 3.28 0.00	62.52 2.92 0.00	39.67 1.76 0.00	35.15 1.57 0.00
WHITEHAL_115KV_TB1 80871	31.92 1.99 0.00	25.44 1.62 0.00	26.15 1.52 0.00	24.48 1.45 0.00	23.71 1.46 0.00	23.38 1.43 0.00	20.77 1.27 0.00	22.04 1.27 0.00	24.17 1.02 0.00	23.99 1.07 0.00	22.54 0.84 -0.26	26.01 1.22 0.00	30.92 1.43 0.56	32.87 1.84 2.38	38.29 2.09 1.15	39.67 2.86 0.33	45.29 3.54 0.00	44.18 4.01 0.00	55.34 5.43 0.00	64.96 6.08 0.00	72.75 6.64 0.00	64.88 5.28 0.00	41.31 3.39 0.00	36.24 2.66 0.00
WHITEPLN_13_KV_LOAD 356215	31.71 1.79 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.20 1.18 0.00	23.39 1.14 0.00	23.02 1.08 0.00	20.52 1.02 0.00	21.87 1.10 0.00	24.52 1.36 0.00	24.39 1.46 0.00	24.30 1.62 -1.24	26.76 1.97 0.00	32.93 2.42 -0.47	38.03 2.62 -1.99	41.31 3.00 -0.96	40.52 3.11 -0.27	45.10 3.35 0.00	43.61 3.44 0.00	53.91 4.01 0.00	62.96 4.08 0.00	70.63 4.52 0.00	63.62 4.01 0.00	40.38 2.47 0.00	35.76 2.18 0.00
WM_FLOYD_69_KV_BK2 356380	32.44 2.52 0.00	25.93 2.11 0.00	26.61 1.98 0.00	24.64 1.62 0.00	23.74 1.49 0.00	23.42 1.48 0.00	20.86 1.35 0.00	22.29 1.52 0.00	24.94 1.79 0.00	24.66 1.73 0.00	24.41 1.81 -1.16	30.44 2.36 -3.29	37.18 3.00 -4.14	38.77 3.29 -2.07	41.60 3.29 -0.96	40.79 3.37 -0.29	45.50 3.74 -0.01	239.53 -4.20 -195.17	226.62 4.49 -172.22	97.41 -4.72 -33.81	80.76 5.41 -9.24	73.58 4.74 -9.23	40.74 2.82 0.00	36.45 2.87 -0.01
WOODARD___115KV_TB2 355635	29.93 0.00 0.00	23.77 -0.05 0.00	24.54 -0.09 0.00	22.92 -0.11 0.00	22.11 -0.14 0.00	21.81 -0.14 0.00	19.36 -0.14 0.00	20.64 -0.13 0.00	23.00 -0.15 0.00	22.75 -0.17 0.00	21.35 -0.09 0.00	24.72 -0.07 0.00	29.96 -0.08 0.00	33.30 -0.11 0.00	37.23 -0.12 0.00	36.88 -0.25 0.00	41.49 -0.26 0.00	39.99 -0.18 0.00	49.79 -0.12 0.00	58.59 -0.29 0.00	65.72 -0.39 0.00	59.18 -0.42 0.00	37.65 -0.27 0.00	33.45 -0.13 0.00
YORK___WARBASSE 23770	31.67 1.75 0.00	25.31 1.49 0.00	25.92 1.29 0.00	24.21 1.18 0.00	23.39 1.14 0.00	23.01 1.07 0.00	20.54 1.03 0.00	21.90 1.12 0.00	24.53 1.37 0.00	24.39 1.47 0.00	24.26 1.65 -1.16	26.81 2.02 0.00	32.92 2.41 -0.47	37.94 2.54 -1.99	41.25 2.94 -0.96	40.41 3.01 -0.27	44.84 3.09 0.00	43.30 3.13 0.00	53.50 3.59 0.00	62.45 3.56 0.00	70.07 3.96 0.00	63.20 3.59 0.00	40.18 2.26 0.00	35.62 2.04 0.00