

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/10/2024

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	24.90	25.74	24.54	25.42	21.98	31.96	32.75	32.32	23.27	22.36	22.75	31.45	29.04	34.26	34.89	32.52	36.08	43.05	49.45	34.21	34.06	31.28	25.79	21.73
24138	1.14	1.21	1.25	1.31	1.14	1.62	1.62	1.62	1.35	1.38	1.38	1.75	1.60	1.67	1.57	1.38	1.67	2.35	3.01	1.94	1.98	1.91	1.51	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.95	25.78	24.58	25.45	21.96	31.93	32.73	32.30	23.26	22.35	22.75	31.45	29.04	34.26	34.86	32.50	36.06	43.07	49.42	34.19	34.03	31.26	25.78	21.73
24260	1.19	1.25	1.29	1.34	1.12	1.59	1.60	1.60	1.34	1.37	1.38	1.75	1.60	1.67	1.55	1.36	1.66	2.37	2.97	1.91	1.95	1.89	1.51	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.95	25.78	24.58	25.45	21.96	31.93	32.73	32.30	23.26	22.35	22.75	31.45	29.04	34.26	34.86	32.50	36.06	43.07	49.42	34.19	34.03	31.26	25.78	21.73
24261	1.19	1.25	1.29	1.34	1.12	1.59	1.60	1.60	1.34	1.37	1.38	1.75	1.60	1.67	1.55	1.36	1.66	2.37	2.97	1.91	1.95	1.89	1.51	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	25.34	26.28	24.93	25.78	22.31	32.53	33.49	33.06	23.44	22.38	22.66	31.21	28.72	34.20	34.97	32.90	36.50	43.09	49.22	34.25	33.93	31.00	25.62	21.59
24011	1.58	1.75	1.64	1.67	1.46	2.20	2.35	2.35	1.52	1.39	1.29	1.51	1.28	1.61	1.66	1.76	2.09	2.39	2.77	1.98	1.85	1.63	1.34	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	25.43	26.41	25.05	25.87	22.40	32.69	33.67	33.24	23.52	22.43	22.72	31.26	28.83	34.37	35.12	33.12	36.76	43.34	49.50	34.49	34.08	31.10	25.71	21.67
23798	1.67	1.88	1.75	1.76	1.56	2.35	2.53	2.54	1.60	1.45	1.35	1.56	1.39	1.78	1.81	1.98	2.36	2.64	3.05	2.22	2.00	1.73	1.44	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	25.34	26.28	24.93	25.78	22.31	32.53	33.49	33.06	23.44	22.38	22.66	31.21												

ALBANY___2 23572	24.52 0.76 0.00	25.39 0.86 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.56 0.72 0.00	31.38 1.04 0.00	32.22 1.09 0.00	31.80 1.10 0.00	22.72 0.80 0.00	21.75 0.77 0.00	22.11 0.73 0.00	30.49 0.79 0.00	28.15 0.71 0.00	33.48 0.89 0.00	34.30 0.99 0.00	32.13 0.99 0.00	35.54 1.14 0.00	42.11 1.41 0.00	48.19 1.74 0.00	33.47 1.19 0.00	33.30 1.22 0.00	30.50 1.12 0.00	25.17 0.90 0.00	21.24 0.74 0.00
ALBANY___3 23573	24.52 0.76 0.00	25.39 0.86 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.56 0.72 0.00	31.38 1.04 0.00	32.22 1.09 0.00	31.80 1.10 0.00	22.72 0.80 0.00	21.75 0.77 0.00	22.11 0.73 0.00	30.49 0.79 0.00	28.15 0.71 0.00	33.48 0.89 0.00	34.30 0.99 0.00	32.13 0.99 0.00	35.54 1.14 0.00	42.11 1.41 0.00	48.19 1.74 0.00	33.47 1.19 0.00	33.30 1.22 0.00	30.50 1.12 0.00	25.17 0.90 0.00	21.24 0.74 0.00
ALBANY___4 23574	24.52 0.76 0.00	25.39 0.86 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.56 0.72 0.00	31.38 1.04 0.00	32.22 1.09 0.00	31.80 1.10 0.00	22.72 0.80 0.00	21.75 0.77 0.00	22.11 0.73 0.00	30.49 0.79 0.00	28.15 0.71 0.00	33.48 0.89 0.00	34.30 0.99 0.00	32.13 0.99 0.00	35.54 1.14 0.00	42.11 1.41 0.00	48.19 1.74 0.00	33.47 1.19 0.00	33.30 1.22 0.00	30.50 1.12 0.00	25.17 0.90 0.00	21.24 0.74 0.00
ALBANY___LFGE 323615	24.65 0.89 0.00	25.53 1.00 0.00	24.24 0.94 0.00	25.08 0.97 0.00	21.67 0.83 0.00	31.55 1.21 0.00	32.40 1.27 0.00	31.97 1.27 0.00	22.83 0.91 0.00	21.87 0.88 0.00	22.21 0.84 0.00	30.64 0.95 0.00	28.30 0.86 0.00	33.68 1.08 0.00	34.51 1.19 0.00	32.33 1.19 0.00	35.78 1.37 0.00	42.37 1.68 0.00	48.48 2.03 0.00	33.66 1.39 0.00	33.49 1.41 0.00	30.66 1.29 0.00	25.30 1.03 0.00	21.35 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	24.01 0.25 0.00	24.74 0.22 0.00	23.50 0.21 0.00	24.31 0.20 0.00	21.02 0.18 0.00	30.61 0.27 0.00	31.41 0.27 0.00	30.95 0.24 0.00	22.06 0.14 0.00	21.12 0.14 0.00	21.53 0.16 0.00	30.07 0.37 0.00	27.81 0.38 0.00	33.10 0.51 0.00	33.80 0.48 0.00	31.56 0.42 0.00	34.80 0.40 0.00	40.98 0.28 0.00	46.49 0.04 0.00	32.41 0.14 0.00	32.23 0.16 0.00	29.50 0.12 0.00	24.41 0.13 0.00	20.64 0.14 0.00
ALCOA_RYNLDS___DRP 24188	24.01 0.25 0.00	24.74 0.22 0.00	23.50 0.21 0.00	24.31 0.20 0.00	21.02 0.18 0.00	30.61 0.27 0.00	31.41 0.27 0.00	30.95 0.24 0.00	22.06 0.14 0.00	21.12 0.14 0.00	21.53 0.16 0.00	30.07 0.37 0.00	27.81 0.38 0.00	33.10 0.51 0.00	33.80 0.48 0.00	31.56 0.42 0.00	34.80 0.40 0.00	40.98 0.28 0.00	46.49 0.04 0.00	32.41 0.14 0.00	32.23 0.16 0.00	29.50 0.12 0.00	24.41 0.13 0.00	20.64 0.14 0.00
ALCOA___DSASP 323711	24.01 0.25 0.00	24.74 0.22 0.00	23.50 0.20 0.00	24.31 0.20 0.00	21.02 0.18 0.00	30.61 0.27 0.00	31.41 0.27 0.00	30.95 0.24 0.00	22.06 0.14 0.00	21.12 0.14 0.00	21.54 0.16 0.00	30.07 0.37 0.00	27.81 0.38 0.00	33.10 0.51 0.00	33.80 0.48 0.00	31.56 0.42 0.00	34.80 0.40 0.00	40.98 0.29 0.00	46.49 0.04 0.00	32.41 0.14 0.00	32.23 0.16 0.00	29.50 0.12 0.00	24.41 0.13 0.00	20.64 0.14 0.00
ALLEGHENY___COGEN 23514	23.44 -0.32 0.00	23.86 -0.67 0.00	22.64 -0.66 0.00	23.31 -0.80 0.00	20.24 -0.60 0.00	29.56 -0.77 0.00	30.53 -0.61 0.00	30.08 -0.62 0.00	21.17 -0.75 0.00	20.02 -0.96 0.00	20.62 -0.76 0.00	29.44 -0.26 0.00	27.44 0.00 0.00	32.27 -0.33 0.00	32.82 -0.49 0.00	30.69 -0.46 0.00	33.99 -0.42 0.00	40.26 -0.44 0.00	45.75 -0.70 0.00	31.76 -0.51 0.00	31.26 -0.82 0.00	28.51 -0.86 0.00	23.62 -0.66 0.00	20.04 -0.46 0.00
ALTAMONT_115KV_TB 2 55880	24.36 0.60 0.00	25.22 0.69 0.00	23.95 0.66 0.00	24.80 0.69 0.00	21.42 0.58 0.00	31.16 0.83 0.00	31.99 0.86 0.00	31.57 0.87 0.00	22.54 0.62 0.00	21.58 0.60 0.00	21.94 0.56 0.00	30.31 0.62 0.00	27.98 0.54 0.00	33.25 0.66 0.00	34.06 0.75 0.00	31.90 0.75 0.00	35.28 0.87 0.00	41.81 1.11 0.00	47.83 1.38 0.00	33.22 0.94 0.00	33.04 0.96 0.00	30.27 0.89 0.00	24.99 0.71 0.00	21.08 0.58 0.00
ALTONA_WT_PWR 323606	24.18 0.42 0.00	25.02 0.48 0.00	23.75 0.46 0.00	24.58 0.47 0.00	21.27 0.43 0.00	30.89 0.55 0.00	31.71 0.57 0.00	31.21 0.51 0.00	22.18 0.26 0.00	21.26 0.28 0.00	21.68 0.30 0.00	30.29 0.59 0.00	28.15 0.71 0.00	33.66 1.06 0.00	34.35 1.03 0.00	32.17 1.03 0.00	35.18 0.77 0.00	41.21 0.51 0.00	46.00 -0.46 0.00	32.58 0.30 0.00	32.54 0.46 0.00	29.82 0.44 0.00	24.65 0.37 0.00	20.82 0.32 0.00
AMERICAN_REF_FUEL 24010	22.03 -1.73 0.00	22.21 -2.32 0.00	21.20 -2.09 0.00	21.78 -2.33 0.00	18.94 -1.90 0.00	27.76 -2.57 0.00	28.62 -2.51 0.00	28.15 -2.56 0.00	19.94 -1.98 0.00	19.07 -1.91 0.00	19.46 -1.92 0.00	27.61 -2.09 0.00	25.57 -1.87 0.00	30.03 -2.56 0.00	30.64 -2.67 0.00	28.56 -2.58 0.00	31.67 -2.74 0.00	37.11 -3.59 0.00	41.91 -4.54 0.00	29.20 -3.07 0.00	28.77 -3.31 0.00	26.23 -3.15 0.00	21.98 -2.30 0.00	18.80 -1.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.17 -1.59 0.00	22.35 -2.18 0.00	21.41 -1.89 0.00	21.98 -2.13 0.00	19.04 -1.81 0.00	27.88 -2.45 0.00	28.81 -2.32 0.00	28.27 -2.43 0.00	20.03 -1.89 0.00	19.26 -1.72 0.00	19.75 -1.62 0.00	28.00 -1.70 0.00	25.88 -1.56 0.00	30.13 -2.47 0.00	30.77 -2.54 0.00	28.71 -2.43 0.00	31.81 -2.59 0.00	37.30 -3.40 0.00	42.28 -4.17 0.00	29.38 -2.89 0.00	29.17 -2.91 0.00	26.56 -2.81 0.00	22.02 -2.26 0.00	18.87 -1.63 0.00
ARTHUR KILL_GT_1 23520	24.69 0.93 0.00	25.50 0.96 0.00	24.30 1.01 0.00	25.16 1.05 0.00	21.72 0.88 0.00	31.60 1.26 0.00	32.41 1.27 0.00	31.98 1.28 0.00	23.01 1.09 0.00	22.05 1.07 0.00	22.45 1.08 0.00	31.05 1.36 0.00	28.65 1.21 0.00	33.82 1.22 0.00	34.42 1.10 0.00	32.05 0.91 0.00	35.59 1.19 0.00	42.51 1.81 0.00	48.87 2.42 0.00	33.84 1.57 0.00	33.68 1.61 0.00	30.94 1.57 0.00	25.53 1.25 0.00	21.51 1.01 0.00
ARTHUR_KILL_2 23512	24.62 0.86 0.00	25.44 0.91 0.00	24.25 0.96 0.00	25.11 1.00 0.00	21.67 0.83 0.00	31.53 1.19 0.00	32.33 1.20 0.00	31.90 1.20 0.00	22.96 1.04 0.00	22.01 1.03 0.00	22.40 1.02 0.00	30.98 1.28 0.00	28.59 1.15 0.00	33.73 1.14 0.00	34.32 1.01 0.00	31.97 0.83 0.00	35.50 1.10 0.00	42.39 1.69 0.00	48.74 2.29 0.00	33.75 1.47 0.00	33.60 1.52 0.00	30.86 1.49 0.00	25.46 1.19 0.00	21.46 0.96 0.00
ARTHUR_KILL_3 23513	24.78 1.02 0.00	25.62 1.09 0.00	24.43 1.14 0.00	25.29 1.18 0.00	21.82 0.98 0.00	31.73 1.40 0.00	32.53 1.40 0.00	32.09 1.39 0.00	23.09 1.18 0.00	22.18 1.19 0.00	22.58 1.20 0.00	31.19 1.49 0.00	28.81 1.37 0.00	33.98 1.38 0.00	34.59 1.28 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.70 2.00 0.00	49.07 2.62 0.00	33.94 1.67 0.00	33.79 1.72 0.00	31.05 1.68 0.00	25.61 1.33 0.00	21.59 1.09 0.00

ARTHUR_KILL_COGEN 323718	24.69 0.93 0.00	25.50 0.96 0.00	24.30 1.01 0.00	25.16 1.05 0.00	21.72 0.88 0.00	31.60 1.26 0.00	32.41 1.27 0.00	31.98 1.28 0.00	23.01 1.09 0.00	22.05 1.07 0.00	22.45 1.08 0.00	31.05 1.36 0.00	28.65 1.21 0.00	33.82 1.22 0.00	34.42 1.10 0.00	32.05 0.91 0.00	35.59 1.19 0.00	42.51 1.81 0.00	48.87 2.42 0.00	33.84 1.57 0.00	33.68 1.61 0.00	30.94 1.57 0.00	25.53 1.25 0.00	21.51 1.01 0.00
ASHOKAN____ 23654	24.85 1.09 0.00	25.73 1.19 0.00	24.39 1.09 0.00	25.26 1.15 0.00	21.84 1.00 0.00	31.78 1.45 0.00	32.70 1.57 0.00	32.32 1.62 0.00	23.07 1.15 0.00	21.98 1.00 0.00	22.29 0.92 0.00	30.61 0.91 0.00	28.30 0.86 0.00	33.82 1.23 0.00	34.82 1.51 0.00	32.76 1.62 0.00	36.33 1.93 0.00	43.11 2.41 0.00	49.29 2.83 0.00	34.19 1.91 0.00	33.91 1.83 0.00	30.99 1.61 0.00	25.51 1.24 0.00	21.47 0.97 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.88 1.12 0.00	25.68 1.15 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.36 0.00	32.45 1.31 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.19 0.00	31.19 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.28 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.61 1.92 0.00	48.99 2.54 0.00	33.82 1.54 0.00	33.75 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	24.88 1.12 0.00	25.68 1.15 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.36 0.00	32.45 1.31 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.19 0.00	31.19 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.63 1.93 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.75 1.67 0.00	30.99 1.61 0.00	25.56 1.28 0.00	21.54 1.04 0.00
ASTORIA_GT2_1 24094	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT2_2 24095	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT2_3 24096	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT2_4 24097	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT3_1 24098	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT3_2 24099	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT3_3 24100	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT3_4 24101	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT4_1 24102	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT4_2 24103	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT4_3 24104	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00

ASTORIA_GT4_4 24105	24.88 1.12 0.00	25.68 1.16 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.35 0.00	32.45 1.32 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.20 0.00	31.20 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.69 1.99 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA_GT_1 23523	24.92 1.16 0.00	25.72 1.19 0.00	24.52 1.23 0.00	25.37 1.26 0.00	21.85 1.01 0.00	31.74 1.41 0.00	32.50 1.37 0.00	32.11 1.41 0.00	23.13 1.22 0.00	22.20 1.22 0.00	22.61 1.24 0.00	31.25 1.55 0.00	28.86 1.42 0.00	34.01 1.41 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.79 1.39 0.00	42.71 2.01 0.00	49.08 2.63 0.00	33.89 1.62 0.00	33.83 1.75 0.00	31.05 1.68 0.00	25.61 1.33 0.00	21.59 1.09 0.00
ASTORIA_GT_10 24110	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.49 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.77 2.07 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.05 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
ASTORIA_GT_11 24225	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.49 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.77 2.07 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.05 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
ASTORIA_GT_12 24226	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.49 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.77 2.07 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.05 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
ASTORIA_GT_13 24227	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.49 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.77 2.07 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.05 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
ASTORIA_GT_5 24106	24.92 1.16 0.00	25.72 1.19 0.00	24.52 1.23 0.00	25.37 1.26 0.00	21.85 1.01 0.00	31.74 1.40 0.00	32.51 1.37 0.00	32.11 1.41 0.00	23.14 1.22 0.00	22.20 1.22 0.00	22.61 1.24 0.00	31.25 1.56 0.00	28.86 1.42 0.00	34.01 1.41 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.79 1.39 0.00	42.77 2.07 0.00	49.09 2.64 0.00	33.88 1.61 0.00	33.82 1.75 0.00	31.05 1.68 0.00	25.61 1.34 0.00	21.59 1.09 0.00
ASTORIA_GT_7 24107	24.92 1.16 0.00	25.72 1.19 0.00	24.52 1.23 0.00	25.37 1.26 0.00	21.85 1.01 0.00	31.74 1.40 0.00	32.51 1.37 0.00	32.11 1.41 0.00	23.14 1.22 0.00	22.20 1.22 0.00	22.61 1.24 0.00	31.25 1.56 0.00	28.86 1.42 0.00	34.01 1.41 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.79 1.39 0.00	42.77 2.07 0.00	49.09 2.64 0.00	33.88 1.61 0.00	33.82 1.75 0.00	31.05 1.68 0.00	25.61 1.34 0.00	21.59 1.09 0.00
ASTORIA_GT_8 24108	24.92 1.16 0.00	25.72 1.19 0.00	24.52 1.23 0.00	25.37 1.26 0.00	21.85 1.01 0.00	31.74 1.40 0.00	32.51 1.37 0.00	32.11 1.41 0.00	23.14 1.22 0.00	22.20 1.22 0.00	22.61 1.24 0.00	31.25 1.56 0.00	28.86 1.42 0.00	34.01 1.41 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.79 1.39 0.00	42.77 2.07 0.00	49.09 2.64 0.00	33.88 1.61 0.00	33.82 1.75 0.00	31.05 1.68 0.00	25.61 1.34 0.00	21.59 1.09 0.00
ASTORIA___2 24149	24.88 1.12 0.00	25.68 1.15 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.82 0.98 0.00	31.69 1.36 0.00	32.45 1.31 0.00	32.06 1.36 0.00	23.10 1.18 0.00	22.17 1.18 0.00	22.57 1.19 0.00	31.19 1.50 0.00	28.81 1.37 0.00	33.94 1.35 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.73 1.32 0.00	42.63 1.93 0.00	48.99 2.54 0.00	33.82 1.55 0.00	33.76 1.68 0.00	30.99 1.62 0.00	25.57 1.29 0.00	21.55 1.05 0.00
ASTORIA___3 23516	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.48 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.51 0.00	28.82 1.38 0.00	33.99 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.72 2.01 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.04 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
ASTORIA___4 23517	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.49 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.77 2.07 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.05 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
ASTORIA___5 23518	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.48 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.51 0.00	28.82 1.38 0.00	33.99 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.72 2.01 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.04 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
AST_ENERGY_2_CC3 323677	24.78 1.02 0.00	25.62 1.09 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.39 0.00	32.53 1.40 0.00	32.07 1.37 0.00	23.09 1.18 0.00	22.20 1.21 0.00	22.59 1.22 0.00	31.18 1.49 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.77 1.36 0.00	42.68 1.98 0.00	49.03 2.59 0.00	33.92 1.65 0.00	33.77 1.69 0.00	31.04 1.67 0.00	25.60 1.32 0.00	21.59 1.09 0.00
AST_ENERGY_2_CC4 323678	24.78 1.02 0.00	25.62 1.09 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.39 0.00	32.53 1.40 0.00	32.07 1.37 0.00	23.09 1.18 0.00	22.20 1.21 0.00	22.59 1.22 0.00	31.18 1.49 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.25 1.11 0.00	35.77 1.36 0.00	42.68 1.98 0.00	49.03 2.59 0.00	33.92 1.65 0.00	33.77 1.69 0.00	31.04 1.67 0.00	25.60 1.32 0.00	21.59 1.09 0.00

ATHENS_STG_1 23668	24.26 0.50 0.00	25.12 0.59 0.00	23.86 0.57 0.00	24.72 0.61 0.00	21.35 0.50 0.00	31.03 0.69 0.00	31.83 0.70 0.00	31.40 0.70 0.00	22.47 0.55 0.00	21.56 0.57 0.00	21.95 0.57 0.00	30.34 0.65 0.00	27.99 0.55 0.00	33.17 0.58 0.00	33.89 0.57 0.00	31.67 0.53 0.00	35.04 0.63 0.00	41.61 0.91 0.00	47.67 1.22 0.00	33.08 0.81 0.00	32.92 0.84 0.00	30.19 0.81 0.00	24.92 0.64 0.00	21.02 0.52 0.00
ATHENS_STG_2 23670	24.26 0.50 0.00	25.12 0.59 0.00	23.86 0.57 0.00	24.72 0.61 0.00	21.35 0.50 0.00	31.03 0.69 0.00	31.83 0.70 0.00	31.40 0.70 0.00	22.47 0.55 0.00	21.56 0.57 0.00	21.95 0.57 0.00	30.34 0.65 0.00	27.99 0.55 0.00	33.17 0.58 0.00	33.89 0.57 0.00	31.67 0.53 0.00	35.04 0.63 0.00	41.61 0.91 0.00	47.67 1.22 0.00	33.08 0.81 0.00	32.92 0.84 0.00	30.19 0.81 0.00	24.92 0.64 0.00	21.02 0.52 0.00
ATHENS_STG_3 23677	24.26 0.50 0.00	25.12 0.59 0.00	23.86 0.57 0.00	24.72 0.61 0.00	21.35 0.50 0.00	31.03 0.69 0.00	31.83 0.70 0.00	31.40 0.70 0.00	22.47 0.55 0.00	21.56 0.57 0.00	21.95 0.57 0.00	30.34 0.65 0.00	27.99 0.55 0.00	33.17 0.58 0.00	33.89 0.57 0.00	31.67 0.53 0.00	35.04 0.63 0.00	41.61 0.91 0.00	47.67 1.22 0.00	33.08 0.81 0.00	32.92 0.84 0.00	30.19 0.81 0.00	24.92 0.64 0.00	21.02 0.52 0.00
AUBURN___LFGE 323710	23.53 -0.23 0.00	24.22 -0.31 0.00	22.98 -0.32 0.00	23.80 -0.31 0.00	20.59 -0.25 0.00	30.09 -0.25 0.00	30.91 -0.22 0.00	30.49 -0.21 0.00	21.73 -0.18 0.00	20.71 -0.27 0.00	21.10 -0.28 0.00	29.38 -0.31 0.00	27.22 -0.22 0.00	32.32 -0.28 0.00	33.13 -0.18 0.00	31.01 -0.14 0.00	34.17 -0.24 0.00	40.46 -0.24 0.00	46.35 -0.10 0.00	32.14 -0.13 0.00	31.87 -0.21 0.00	29.14 -0.23 0.00	24.07 -0.21 0.00	20.27 -0.23 0.00
BABYLON_RES_REC 323704	28.05 1.63 -2.66	26.09 1.57 0.00	26.53 1.74 -1.50	29.21 1.81 -3.30	33.14 1.52 -10.78	32.26 1.93 0.00	32.75 1.62 0.00	32.41 1.71 0.00	23.56 1.65 0.00	34.11 1.71 -11.41	25.57 1.66 -2.53	31.64 1.94 0.00	29.19 1.75 0.00	33.80 1.20 0.00	34.25 0.94 0.00	32.22 1.08 0.00	35.54 1.13 0.00	41.72 1.13 0.11	48.57 2.12 0.00	33.89 1.61 0.00	33.87 1.79 0.00	31.18 1.80 0.00	25.91 1.63 0.00	21.96 1.46 0.00
BABYLON__69_KV_BK2 356345	28.27 1.85 -2.66	26.30 1.77 0.00	26.74 1.95 -1.50	29.43 2.03 -3.30	33.34 1.71 -10.78	32.52 2.19 0.00	33.00 1.87 0.00	32.67 1.96 0.00	23.78 1.86 0.00	34.32 1.92 -11.41	25.77 1.87 -2.53	31.90 2.20 0.00	29.42 1.98 0.00	34.02 1.42 0.00	34.51 1.19 0.00	32.47 1.33 0.00	35.77 1.36 0.00	42.14 1.56 0.11	48.82 2.37 0.00	34.14 1.87 0.00	34.15 2.07 0.00	31.42 2.05 0.00	26.11 1.83 0.00	22.13 1.62 0.00
BALL_HILL_WT_PWR 323825	22.49 -1.27 0.00	22.74 -1.79 0.00	21.71 -1.58 0.00	22.33 -1.78 0.00	19.37 -1.48 0.00	28.36 -1.98 0.00	29.23 -1.90 0.00	28.75 -1.95 0.00	20.41 -1.51 0.00	19.60 -1.38 0.00	20.07 -1.31 0.00	28.37 -1.32 0.00	26.27 -1.17 0.00	30.74 -1.85 0.00	31.36 -1.95 0.00	29.19 -1.95 0.00	32.30 -2.10 0.00	37.97 -2.73 0.00	43.03 -3.42 0.00	29.93 -2.34 0.00	29.51 -2.57 0.00	26.93 -2.44 0.00	22.41 -1.86 0.00	19.15 -1.35 0.00
BARON_WINDS___WT_PWR 323822	22.30 -1.46 0.00	22.88 -1.65 0.00	21.61 -1.68 0.00	22.28 -1.83 0.00	19.32 -1.53 0.00	28.24 -2.09 0.00	29.06 -2.08 0.00	28.63 -2.07 0.00	20.39 -1.53 0.00	19.58 -1.40 0.00	20.17 -1.21 0.00	28.61 -1.09 0.00	26.43 -1.01 0.00	30.75 -1.85 0.00	31.12 -2.19 0.00	29.07 -2.07 0.00	32.07 -2.34 0.00	37.98 -2.72 0.00	43.33 -3.12 0.00	30.06 -2.21 0.00	29.66 -2.42 0.00	27.20 -2.17 0.00	22.50 -1.78 0.00	19.13 -1.37 0.00
BARRETT_IC_1 23704	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_10 23701	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	39.06 0.91 2.55	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_11 23702	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	39.06 0.91 2.55	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_12 23703	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	39.06 0.91 2.55	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_2 23705	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_3 23706	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_4 23707	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00

BARRETT_IC_5 23708	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_6 23709	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_7 23710	27.76 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.40 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.87 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.64 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.93 0.00	41.96 1.07 -0.19	48.33 1.88 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.89 1.51 0.00	25.65 1.38 0.00	21.77 1.27 0.00
BARRETT_IC_8 23711	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT_IC_9 23700	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	39.06 0.91 2.55	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT___1 23545	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	41.79 0.91 -0.19	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BARRETT___2 23546	27.75 1.33 -2.66	25.86 1.33 0.00	26.27 1.48 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.98 1.65 0.00	32.53 1.39 0.00	32.14 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.36 1.45 -2.53	31.40 1.71 0.00	28.97 1.53 0.00	33.63 1.04 0.00	34.11 0.80 0.00	31.97 0.83 0.00	35.33 0.92 0.00	39.06 0.91 2.55	48.33 1.87 0.00	33.63 1.35 0.00	33.57 1.49 0.00	30.88 1.51 0.00	25.65 1.37 0.00	21.77 1.27 0.00
BATAVIA__115KV_TB1 55881	23.01 -0.75 0.00	23.29 -1.24 0.00	22.20 -1.09 0.00	22.85 -1.26 0.00	19.83 -1.01 0.00	29.06 -1.28 0.00	29.95 -1.18 0.00	29.51 -1.19 0.00	20.85 -1.07 0.00	19.94 -1.05 0.00	20.31 -1.07 0.00	28.86 -0.84 0.00	26.82 -0.62 0.00	31.63 -0.97 0.00	32.27 -1.04 0.00	30.09 -1.05 0.00	33.38 -1.03 0.00	39.21 -1.49 0.00	44.46 -1.99 0.00	30.90 -1.37 0.00	30.41 -1.66 0.00	27.71 -1.66 0.00	23.09 -1.19 0.00	19.66 -0.84 0.00
BAYONEEC___CTG1 323682	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG10 323750	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG2 323683	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG3 323684	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG4 323685	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG5 323686	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG6 323687	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00

BAYONEEC___CTG7 323688	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG8 323689	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BAYONEEC___CTG9 323749	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
BEACON___LESR 323632	24.72 0.97 0.00	25.61 1.08 0.00	24.28 0.99 0.00	25.09 0.98 0.00	21.69 0.85 0.00	31.66 1.33 0.00	32.48 1.34 0.00	32.10 1.40 0.00	22.93 1.01 0.00	21.96 0.98 0.00	22.22 0.84 0.00	30.75 1.05 0.00	28.43 0.99 0.00	33.76 1.16 0.00	34.59 1.28 0.00	32.40 1.26 0.00	35.88 1.48 0.00	42.51 1.81 0.00	48.74 2.29 0.00	33.82 1.54 0.00	33.69 1.61 0.00	30.80 1.43 0.00	25.36 1.08 0.00	21.41 0.91 0.00
BEAVER RIVER___HYD 24048	24.48 0.71 0.00	25.37 0.84 0.00	23.99 0.70 0.00	24.86 0.75 0.00	21.43 0.58 0.00	31.24 0.90 0.00	31.64 0.50 0.00	31.20 0.50 0.00	22.17 0.25 0.00	20.99 0.01 0.00	21.35 -0.02 0.00	29.90 0.20 0.00	27.96 0.52 0.00	33.70 1.10 0.00	34.65 1.34 0.00	32.69 1.54 0.00	35.98 1.58 0.00	41.53 0.83 0.00	46.92 0.47 0.00	32.54 0.27 0.00	32.19 0.11 0.00	29.79 0.42 0.00	24.69 0.41 0.00	20.43 -0.07 0.00
BEEBEE_GT_13 23619	22.93 -0.83 0.00	23.38 -1.16 0.00	22.27 -1.02 0.00	22.97 -1.15 0.00	19.90 -0.95 0.00	29.08 -1.26 0.00	29.91 -1.22 0.00	29.49 -1.21 0.00	20.95 -0.97 0.00	20.04 -0.94 0.00	20.46 -0.91 0.00	28.77 -0.92 0.00	26.67 -0.76 0.00	31.55 -1.05 0.00	32.24 -1.07 0.00	30.07 -1.07 0.00	33.31 -1.10 0.00	39.25 -1.45 0.00	44.62 -1.83 0.00	30.99 -1.28 0.00	30.60 -1.48 0.00	27.92 -1.45 0.00	23.18 -1.10 0.00	19.68 -0.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.90 1.14 0.00	25.72 1.19 0.00	24.51 1.21 0.00	25.37 1.26 0.00	21.89 1.05 0.00	31.83 1.49 0.00	32.63 1.50 0.00	32.22 1.52 0.00	23.20 1.29 0.00	22.28 1.30 0.00	22.68 1.31 0.00	31.38 1.68 0.00	28.96 1.52 0.00	34.17 1.58 0.00	34.78 1.47 0.00	32.40 1.26 0.00	35.94 1.54 0.00	42.96 2.26 0.00	49.32 2.86 0.00	34.13 1.86 0.00	34.01 1.93 0.00	31.23 1.86 0.00	25.75 1.47 0.00	21.68 1.18 0.00
BETHLEHEM___GRP 23843	24.52 0.76 0.00	25.39 0.86 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.56 0.72 0.00	31.38 1.04 0.00	32.22 1.09 0.00	31.80 1.10 0.00	22.72 0.80 0.00	21.75 0.77 0.00	22.11 0.73 0.00	30.49 0.79 0.00	28.15 0.71 0.00	33.48 0.89 0.00	34.30 0.99 0.00	32.13 0.99 0.00	35.54 1.14 0.00	42.11 1.41 0.00	48.19 1.74 0.00	33.47 1.19 0.00	33.30 1.22 0.00	30.50 1.12 0.00	25.17 0.90 0.00	21.24 0.74 0.00
BETHLEHEM___GS1 323560	24.52 0.76 0.00	25.39 0.86 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.56 0.72 0.00	31.38 1.04 0.00	32.22 1.09 0.00	31.80 1.09 0.00	22.71 0.80 0.00	21.75 0.77 0.00	22.11 0.73 0.00	30.48 0.79 0.00	28.15 0.71 0.00	33.48 0.89 0.00	34.30 0.99 0.00	32.14 0.99 0.00	35.54 1.14 0.00	42.11 1.41 0.00	48.19 1.74 0.00	33.47 1.19 0.00	33.30 1.22 0.00	30.50 1.12 0.00	25.17 0.89 0.00	21.24 0.74 0.00
BETHLEHEM___GS2 323561	24.52 0.76 0.00	25.39 0.86 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.56 0.72 0.00	31.38 1.04 0.00	32.22 1.09 0.00	31.80 1.09 0.00	22.71 0.80 0.00	21.75 0.77 0.00	22.11 0.73 0.00	30.48 0.79 0.00	28.15 0.71 0.00	33.48 0.89 0.00	34.30 0.99 0.00	32.14 0.99 0.00	35.54 1.14 0.00	42.11 1.41 0.00	48.19 1.74 0.00	33.47 1.19 0.00	33.30 1.22 0.00	30.50 1.12 0.00	25.17 0.89 0.00	21.24 0.74 0.00
BETHLEHEM___GS3 323562	24.52 0.76 0.00	25.39 0.86 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.56 0.72 0.00	31.38 1.04 0.00	32.22 1.09 0.00	31.80 1.09 0.00	22.71 0.80 0.00	21.75 0.77 0.00	22.11 0.73 0.00	30.48 0.79 0.00	28.15 0.71 0.00	33.48 0.89 0.00	34.30 0.99 0.00	32.14 0.99 0.00	35.54 1.14 0.00	42.11 1.41 0.00	48.19 1.74 0.00	33.47 1.19 0.00	33.30 1.22 0.00	30.50 1.12 0.00	25.17 0.89 0.00	21.24 0.74 0.00
BETHLEHEM___STEEL 23779	22.66 -1.10 0.00	22.95 -1.58 0.00	21.88 -1.42 0.00	22.50 -1.60 0.00	19.52 -1.32 0.00	28.60 -1.73 0.00	29.46 -1.67 0.00	29.00 -1.71 0.00	20.59 -1.33 0.00	19.75 -1.24 0.00	20.17 -1.21 0.00	28.57 -1.13 0.00	26.45 -0.99 0.00	31.02 -1.57 0.00	31.60 -1.71 0.00	29.40 -1.74 0.00	32.55 -1.85 0.00	38.20 -2.50 0.00	43.36 -3.09 0.00	30.16 -2.11 0.00	29.70 -2.38 0.00	27.12 -2.26 0.00	22.62 -1.65 0.00	19.33 -1.17 0.00
BETHLHEM_115KV_TB1 79974	24.48 0.72 0.00	25.35 0.82 0.00	24.07 0.78 0.00	24.91 0.80 0.00	21.52 0.68 0.00	31.32 0.98 0.00	32.17 1.03 0.00	31.74 1.03 0.00	22.67 0.75 0.00	21.72 0.74 0.00	22.07 0.70 0.00	30.45 0.75 0.00	28.12 0.68 0.00	33.43 0.84 0.00	34.24 0.93 0.00	32.08 0.94 0.00	35.48 1.07 0.00	42.03 1.33 0.00	48.10 1.65 0.00	33.40 1.13 0.00	33.23 1.15 0.00	30.44 1.07 0.00	25.13 0.85 0.00	21.20 0.70 0.00
BETHPAGE_CC_5 323564	27.99 1.57 -2.66	26.07 1.54 0.00	26.48 1.69 -1.50	29.16 1.76 -3.30	33.10 1.47 -10.78	32.24 1.91 0.00	32.76 1.63 0.00	32.40 1.70 0.00	23.53 1.62 0.00	34.07 1.67 -11.41	25.55 1.64 -2.53	31.64 1.94 0.00	29.19 1.75 0.00	33.87 1.27 0.00	34.34 1.03 0.00	32.19 1.05 0.00	35.58 1.17 0.00	41.83 1.23 0.10	48.64 2.19 0.00	33.87 1.60 0.00	33.84 1.76 0.00	31.19 1.82 0.00	25.89 1.62 0.00	21.94 1.44 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.76 -1.00 0.00	23.07 -1.46 0.00	21.98 -1.31 0.00	22.62 -1.49 0.00	19.62 -1.23 0.00	28.73 -1.61 0.00	29.60 -1.53 0.00	29.14 -1.56 0.00	20.71 -1.21 0.00	19.86 -1.12 0.00	20.30 -1.08 0.00	28.74 -0.96 0.00	26.59 -0.85 0.00	31.19 -1.41 0.00	31.78 -1.53 0.00	29.54 -1.60 0.00	32.71 -1.70 0.00	38.40 -2.30 0.00	43.59 -2.86 0.00	30.33 -1.94 0.00	29.85 -2.23 0.00	27.27 -2.10 0.00	22.74 -1.54 0.00	19.43 -1.08 0.00

BINGHAMTON___COGEN 23790	23.50 -0.26 0.00	24.28 -0.25 0.00	23.01 -0.28 0.00	23.82 -0.30 0.00	20.60 -0.25 0.00	30.05 -0.29 0.00	30.78 -0.36 0.00	30.35 -0.35 0.00	21.70 -0.22 0.00	20.80 -0.18 0.00	21.19 -0.18 0.00	29.61 -0.08 0.00	27.33 -0.11 0.00	32.28 -0.31 0.00	32.92 -0.39 0.00	30.78 -0.36 0.00	34.01 -0.39 0.00	40.38 -0.33 0.00	46.26 -0.19 0.00	32.08 -0.20 0.00	31.78 -0.30 0.00	29.09 -0.28 0.00	24.00 -0.27 0.00	20.30 -0.20 0.00
BIXINCNT_115KV_LOAD 355685	22.72 -1.04 0.00	23.07 -1.46 0.00	21.89 -1.40 0.00	22.67 -1.44 0.00	19.45 -1.40 0.00	28.32 -2.02 0.00	29.52 -1.62 0.00	29.07 -1.63 0.00	20.74 -1.18 0.00	20.06 -0.92 0.00	20.67 -0.70 0.00	29.20 -0.49 0.00	26.76 -0.68 0.00	31.18 -1.41 0.00	31.98 -1.33 0.00	29.31 -1.83 0.00	32.29 -2.12 0.00	38.10 -2.60 0.00	43.05 -3.40 0.00	30.06 -2.22 0.00	29.29 -2.79 0.00	27.21 -2.16 0.00	22.62 -1.66 0.00	19.40 -1.10 0.00
BLACK RIVER___HYD 24047	24.24 0.48 0.00	25.14 0.61 0.00	23.80 0.50 0.00	24.66 0.55 0.00	21.21 0.37 0.00	31.05 0.71 0.00	31.35 0.21 0.00	30.94 0.24 0.00	22.01 0.09 0.00	20.76 -0.22 0.00	21.21 -0.17 0.00	29.62 -0.08 0.00	27.79 0.35 0.00	33.54 0.95 0.00	34.50 1.18 0.00	32.52 1.38 0.00	35.82 1.41 0.00	41.29 0.59 0.00	46.81 0.36 0.00	32.35 0.07 0.00	31.92 -0.16 0.00	29.53 0.16 0.00	24.44 0.16 0.00	20.27 -0.23 0.00
BLACKRVR_115KV_TB2 79977	24.24 0.48 0.00	25.14 0.61 0.00	23.80 0.50 0.00	24.66 0.55 0.00	21.21 0.37 0.00	31.05 0.71 0.00	31.35 0.21 0.00	30.94 0.23 0.00	22.01 0.09 0.00	20.76 -0.22 0.00	21.21 -0.17 0.00	29.62 -0.08 0.00	27.79 0.35 0.00	33.54 0.95 0.00	34.50 1.18 0.00	32.52 1.38 0.00	35.82 1.42 0.00	41.27 0.58 0.00	46.81 0.36 0.00	32.35 0.07 0.00	31.92 -0.16 0.00	29.53 0.16 0.00	24.44 0.16 0.00	20.27 -0.23 0.00
BLISS_WT_PWR 323608	22.61 -1.15 0.00	22.94 -1.59 0.00	21.73 -1.56 0.00	22.55 -1.56 0.00	19.29 -1.55 0.00	28.03 -2.31 0.00	29.35 -1.78 0.00	28.92 -1.78 0.00	20.62 -1.30 0.00	19.98 -1.00 0.00	20.64 -0.73 0.00	29.17 -0.53 0.00	26.68 -0.76 0.00	31.02 -1.58 0.00	31.86 -1.45 0.00	29.11 -2.03 0.00	32.06 -2.35 0.00	37.89 -2.81 0.00	42.62 -3.83 0.00	29.80 -2.47 0.00	28.95 -3.13 0.00	27.02 -2.35 0.00	22.46 -1.82 0.00	19.29 -1.21 0.00
BLUESTONE___WT_PWR 323821	24.31 0.55 0.00	24.94 0.41 0.00	23.15 -0.14 0.00	23.79 -0.32 0.00	20.53 -0.32 0.00	29.79 -0.54 0.00	30.44 -0.69 0.00	30.08 -0.63 0.00	21.45 -0.47 0.00	20.69 -0.29 0.00	20.89 -0.48 0.00	29.27 -0.42 0.00	27.59 0.14 0.00	32.73 0.13 0.00	33.32 0.01 0.00	30.97 -0.17 0.00	34.09 -0.32 0.00	40.31 -0.39 0.00	45.98 -0.47 0.00	31.81 -0.46 0.00	31.53 -0.55 0.00	28.56 -0.82 0.00	23.65 -0.63 0.00	20.31 -0.19 0.00
BLUE_CIRC_CHEM_DRP 24182	24.55 0.79 0.00	25.43 0.90 0.00	24.12 0.83 0.00	24.96 0.85 0.00	21.57 0.73 0.00	31.41 1.08 0.00	32.26 1.12 0.00	31.82 1.11 0.00	22.65 0.74 0.00	21.66 0.68 0.00	22.01 0.63 0.00	30.40 0.70 0.00	28.01 0.57 0.00	33.40 0.80 0.00	34.29 0.98 0.00	32.16 1.02 0.00	35.57 1.17 0.00	42.11 1.41 0.00	48.15 1.70 0.00	33.46 1.19 0.00	33.27 1.19 0.00	30.49 1.12 0.00	25.17 0.89 0.00	21.24 0.74 0.00
BOC_GAS_DRP 24189	24.28 0.52 0.00	25.14 0.61 0.00	23.87 0.57 0.00	24.72 0.61 0.00	21.36 0.52 0.00	31.06 0.73 0.00	31.88 0.75 0.00	31.46 0.76 0.00	22.48 0.56 0.00	21.54 0.55 0.00	21.91 0.54 0.00	30.27 0.57 0.00	27.94 0.50 0.00	33.18 0.59 0.00	33.96 0.65 0.00	31.78 0.63 0.00	35.14 0.73 0.00	41.64 0.94 0.00	47.65 1.20 0.00	33.10 0.83 0.00	32.94 0.85 0.00	30.17 0.80 0.00	24.91 0.64 0.00	21.03 0.52 0.00
BOONVILLE_115KV_TB1 79983	24.36 0.60 0.00	25.18 0.65 0.00	23.86 0.57 0.00	24.72 0.61 0.00	21.35 0.51 0.00	31.11 0.77 0.00	31.76 0.63 0.00	31.31 0.61 0.00	22.30 0.38 0.00	21.24 0.26 0.00	21.59 0.22 0.00	30.10 0.41 0.00	27.94 0.50 0.00	33.43 0.83 0.00	34.33 1.02 0.00	32.23 1.09 0.00	35.57 1.17 0.00	41.60 0.90 0.00	47.27 0.82 0.00	32.78 0.51 0.00	32.51 0.43 0.00	29.91 0.54 0.00	24.75 0.47 0.00	20.67 0.16 0.00
BORALEX_4TH_BRANCH 23824	24.89 1.13 0.00	25.83 1.30 0.00	24.51 1.21 0.00	25.30 1.19 0.00	21.85 1.01 0.00	31.86 1.53 0.00	32.81 1.68 0.00	32.39 1.69 0.00	23.14 1.23 0.00	22.20 1.22 0.00	22.48 1.11 0.00	30.77 1.07 0.00	28.41 0.97 0.00	33.92 1.32 0.00	34.76 1.44 0.00	32.67 1.53 0.00	36.03 1.62 0.00	42.55 1.86 0.00	48.72 2.27 0.00	33.90 1.63 0.00	33.86 1.78 0.00	30.97 1.60 0.00	25.57 1.29 0.00	21.57 1.07 0.00
BOWLINE___1 23526	24.60 0.84 0.00	25.44 0.91 0.00	24.24 0.95 0.00	25.10 0.99 0.00	21.65 0.81 0.00	31.51 1.18 0.00	32.31 1.17 0.00	31.87 1.16 0.00	22.90 0.98 0.00	21.96 0.98 0.00	22.35 0.98 0.00	30.90 1.20 0.00	28.52 1.08 0.00	33.66 1.07 0.00	34.29 0.97 0.00	31.98 0.84 0.00	35.47 1.07 0.00	42.35 1.65 0.00	48.65 2.20 0.00	33.68 1.41 0.00	33.50 1.42 0.00	30.76 1.39 0.00	25.38 1.11 0.00	21.40 0.89 0.00
BOWLINE___2 23595	24.60 0.84 0.00	25.44 0.91 0.00	24.24 0.95 0.00	25.10 0.99 0.00	21.65 0.81 0.00	31.51 1.18 0.00	32.31 1.17 0.00	31.87 1.17 0.00	22.90 0.98 0.00	21.96 0.98 0.00	22.35 0.98 0.00	30.90 1.20 0.00	28.53 1.09 0.00	33.67 1.07 0.00	34.29 0.97 0.00	31.98 0.84 0.00	35.47 1.07 0.00	42.35 1.65 0.00	48.66 2.21 0.00	33.68 1.41 0.00	33.50 1.42 0.00	30.76 1.39 0.00	25.38 1.11 0.00	21.40 0.90 0.00
BRADY___115KV_TB2 356060	26.22 2.46 0.00	27.08 2.55 0.00	25.55 2.26 0.00	26.43 2.32 0.00	22.83 1.98 0.00	33.32 2.99 0.00	34.07 2.93 0.00	33.57 2.87 0.00	23.30 1.39 0.00	21.64 0.66 0.00	21.97 0.60 0.00	31.58 1.88 0.00	29.44 2.00 0.00	35.77 3.18 0.00	36.99 3.68 0.00	35.22 4.08 0.00	39.00 4.59 0.00	45.58 4.88 0.00	51.07 4.62 0.00	35.62 3.34 0.00	35.18 3.10 0.00	32.26 2.89 0.00	26.56 2.28 0.00	22.11 1.61 0.00
BRANSCOMB___SOLAR 323811	25.01 1.25 0.00	25.92 1.38 0.00	24.59 1.30 0.00	25.44 1.33 0.00	21.99 1.15 0.00	32.05 1.71 0.00	32.96 1.83 0.00	32.53 1.83 0.00	23.11 1.19 0.00	22.07 1.09 0.00	22.36 0.99 0.00	30.80 1.10 0.00	28.41 0.97 0.00	33.86 1.26 0.00	34.73 1.42 0.00	32.65 1.51 0.00	36.17 1.76 0.00	42.77 2.07 0.00	48.89 2.44 0.00	33.99 1.72 0.00	33.74 1.66 0.00	30.86 1.49 0.00	25.50 1.22 0.00	21.49 0.99 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	28.17 1.75 -2.66	26.20 1.67 0.00	26.67 1.88 -1.50	29.36 1.96 -3.30	33.28 1.65 -10.78	32.41 2.08 0.00	32.86 1.72 0.00	32.53 1.83 0.00	23.71 1.79 0.00	34.24 1.84 -11.41	25.68 1.77 -2.53	31.76 2.06 0.00	29.28 1.84 0.00	33.81 1.21 0.00	34.24 0.93 0.00	32.24 1.10 0.00	35.35 0.95 0.00	41.51 0.93 0.13	48.17 1.72 0.00	33.84 1.57 0.00	33.91 1.83 0.00	31.22 1.85 0.00	25.98 1.70 0.00	22.03 1.53 0.00

BRISTLHL_115KV_TB1 79998	23.16 -0.60 0.00	23.88 -0.65 0.00	22.66 -0.63 0.00	23.46 -0.65 0.00	20.29 -0.55 0.00	29.54 -0.79 0.00	30.32 -0.81 0.00	29.92 -0.79 0.00	21.34 -0.57 0.00	20.37 -0.61 0.00	20.76 -0.62 0.00	28.90 -0.79 0.00	26.77 -0.67 0.00	31.81 -0.78 0.00	32.53 -0.79 0.00	30.42 -0.72 0.00	33.66 -0.75 0.00	39.81 -0.89 0.00	45.43 -1.02 0.00	31.52 -0.75 0.00	31.27 -0.81 0.00	28.61 -0.77 0.00	23.65 -0.63 0.00	19.97 -0.53 0.00
BROOKHAVEN___DRP 24191	28.02 1.60 -2.66	25.99 1.45 0.00	26.62 1.83 -1.50	29.38 1.97 -3.30	33.29 1.66 -10.78	32.32 1.98 0.00	32.65 1.51 0.00	32.32 1.62 0.00	23.69 1.77 0.00	34.28 1.88 -11.41	25.60 1.69 -2.53	31.55 1.85 0.00	28.98 1.55 0.00	33.53 0.94 0.00	33.95 0.64 0.00	32.10 0.95 0.00	35.38 0.97 0.00	41.40 0.84 0.13	48.15 1.70 0.00	33.77 1.49 0.00	33.78 1.70 0.00	31.08 1.71 0.00	25.83 1.55 0.00	21.89 1.39 0.00
BROOKLYN_NAVY_YARD 23515	24.77 1.01 0.00	25.61 1.08 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.38 0.00	32.07 1.37 0.00	23.09 1.17 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.19 1.49 0.00	28.80 1.36 0.00	33.99 1.39 0.00	34.59 1.28 0.00	32.22 1.08 0.00	35.74 1.34 0.00	42.72 1.97 -0.06	49.00 2.55 0.00	33.88 1.61 0.00	33.73 1.66 0.00	31.02 1.65 0.00	25.58 1.30 0.00	21.56 1.05 0.00
BROOKLYN___ARMY_DRP 323595	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
BROOKVLE_69_KV_TB1 55790	27.85 1.43 -2.66	25.98 1.45 0.00	26.32 1.54 -1.50	28.99 1.59 -3.30	32.95 1.33 -10.78	32.13 1.79 0.00	32.78 1.65 0.00	32.37 1.68 0.00	23.42 1.50 0.00	33.93 1.54 -11.41	25.44 1.53 -2.53	31.56 1.87 0.00	29.14 1.70 0.00	34.05 1.45 0.00	34.59 1.28 0.00	32.36 1.22 0.00	35.86 1.45 0.00	42.55 1.89 0.04	49.04 2.59 0.00	34.06 1.79 0.00	33.96 1.88 0.00	31.21 1.84 0.00	25.86 1.58 0.00	21.86 1.35 0.00
BROOME_2_LFGE 323671	23.50 -0.26 0.00	24.28 -0.25 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.60 -0.25 0.00	30.05 -0.29 0.00	30.78 -0.36 0.00	30.35 -0.35 0.00	21.70 -0.22 0.00	20.80 -0.18 0.00	21.19 -0.18 0.00	29.62 -0.08 0.00	27.33 -0.11 0.00	32.28 -0.31 0.00	32.93 -0.39 0.00	30.78 -0.36 0.00	34.01 -0.39 0.00	40.39 -0.31 0.00	46.26 -0.19 0.00	32.08 -0.20 0.00	31.78 -0.30 0.00	29.09 -0.28 0.00	24.00 -0.27 0.00	20.30 -0.20 0.00
BROOME___LFGE 323600	23.50 -0.26 0.00	24.28 -0.25 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.60 -0.25 0.00	30.05 -0.29 0.00	30.78 -0.36 0.00	30.35 -0.35 0.00	21.70 -0.22 0.00	20.80 -0.18 0.00	21.19 -0.18 0.00	29.62 -0.08 0.00	27.33 -0.11 0.00	32.28 -0.31 0.00	32.93 -0.39 0.00	30.78 -0.36 0.00	34.01 -0.39 0.00	40.39 -0.31 0.00	46.26 -0.19 0.00	32.08 -0.20 0.00	31.78 -0.30 0.00	29.09 -0.28 0.00	24.00 -0.27 0.00	20.30 -0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	24.85 1.09 0.00	25.73 1.20 0.00	24.31 1.02 0.00	25.17 1.06 0.00	21.71 0.86 0.00	31.64 1.31 0.00	32.16 1.02 0.00	31.71 1.01 0.00	22.43 0.51 0.00	21.16 0.18 0.00	21.53 0.15 0.00	30.33 0.63 0.00	28.32 0.88 0.00	34.16 1.56 0.00	35.16 1.85 0.00	33.20 2.06 0.00	36.60 2.20 0.00	42.43 1.74 0.00	47.80 1.35 0.00	33.25 0.98 0.00	32.90 0.82 0.00	30.34 0.97 0.00	25.09 0.81 0.00	20.85 0.34 0.00
BROWNSV1_27_KV_LOAD 356125	25.01 1.25 0.00	25.84 1.31 0.00	24.64 1.34 0.00	25.50 1.39 0.00	22.00 1.16 0.00	31.98 1.65 0.00	32.79 1.65 0.00	32.35 1.64 0.00	23.30 1.38 0.00	22.39 1.40 0.00	22.79 1.42 0.00	31.50 1.80 0.00	29.09 1.65 0.00	34.33 1.73 0.00	34.93 1.62 0.00	32.57 1.43 0.00	36.14 1.73 0.00	43.16 2.46 0.00	49.54 3.09 0.00	34.27 2.00 0.00	34.11 2.03 0.00	31.34 1.97 0.00	25.84 1.56 0.00	21.77 1.27 0.00
BURROWS___LYONSDAL 23803	24.35 0.59 0.00	25.20 0.67 0.00	23.87 0.58 0.00	24.73 0.62 0.00	21.35 0.51 0.00	31.11 0.78 0.00	31.69 0.55 0.00	31.22 0.52 0.00	22.24 0.32 0.00	21.17 0.18 0.00	21.52 0.14 0.00	30.03 0.33 0.00	27.93 0.49 0.00	33.46 0.86 0.00	34.37 1.05 0.00	32.31 1.17 0.00	35.62 1.21 0.00	41.46 0.76 0.00	47.04 0.59 0.00	32.63 0.35 0.00	32.34 0.26 0.00	29.83 0.45 0.00	24.69 0.41 0.00	20.55 0.04 0.00
CAITHNESS_CC_1 323624	27.99 1.57 -2.66	25.97 1.44 0.00	26.56 1.77 -1.50	29.31 1.90 -3.30	33.22 1.59 -10.78	32.25 1.92 0.00	32.61 1.47 0.00	32.29 1.59 0.00	23.63 1.72 0.00	34.21 1.81 -11.41	25.54 1.64 -2.53	31.50 1.80 0.00	28.96 1.52 0.00	33.49 0.89 0.00	33.91 0.60 0.00	32.02 0.88 0.00	35.29 0.88 0.00	41.07 0.50 0.13	48.08 1.63 0.00	33.68 1.40 0.00	33.70 1.62 0.00	31.01 1.64 0.00	25.78 1.51 0.00	21.86 1.36 0.00
CALPINE BETH_PAGE_GT4 24209	27.97 1.56 -2.66	26.06 1.53 0.00	26.46 1.67 -1.50	29.14 1.74 -3.30	33.09 1.46 -10.78	32.22 1.89 0.00	32.76 1.63 0.00	32.39 1.69 0.00	23.51 1.60 0.00	34.05 1.66 -11.41	25.54 1.63 -2.53	31.63 1.93 0.00	29.18 1.74 0.00	33.88 1.29 0.00	34.36 1.05 0.00	32.15 1.01 0.00	35.54 1.13 0.00	42.02 1.40 0.09	48.59 2.14 0.00	33.83 1.56 0.00	33.79 1.72 0.00	31.19 1.81 0.00	25.88 1.61 0.00	21.93 1.42 0.00
CALPINE_BETH_PAGE_GT_4 323586	27.97 1.55 -2.66	26.06 1.52 0.00	26.46 1.67 -1.50	29.14 1.74 -3.30	33.09 1.46 -10.78	32.23 1.89 0.00	32.77 1.63 0.00	32.39 1.69 0.00	23.51 1.60 0.00	34.05 1.66 -11.41	25.54 1.63 -2.53	31.63 1.93 0.00	29.18 1.74 0.00	33.88 1.28 0.00	34.36 1.05 0.00	32.15 1.01 0.00	35.54 1.13 0.00	41.83 1.22 0.09	48.59 2.14 0.00	33.83 1.56 0.00	33.79 1.72 0.00	31.19 1.82 0.00	25.88 1.61 0.00	21.93 1.42 0.00
CALPINE_BP_GT1 23823	27.97 1.55 -2.66	26.06 1.52 0.00	26.46 1.67 -1.50	29.14 1.74 -3.30	33.09 1.46 -10.78	32.23 1.89 0.00	32.77 1.63 0.00	32.39 1.69 0.00	23.51 1.60 0.00	34.05 1.66 -11.41	25.54 1.63 -2.53	31.63 1.93 0.00	29.18 1.74 0.00	33.88 1.28 0.00	34.36 1.05 0.00	32.15 1.01 0.00	35.54 1.13 0.00	41.83 1.22 0.09	48.59 2.14 0.00	33.83 1.56 0.00	33.79 1.72 0.00	31.19 1.82 0.00	25.88 1.61 0.00	21.93 1.42 0.00
CALSPAN___DRP 24200	22.66 -1.10 0.00	22.95 -1.58 0.00	21.88 -1.42 0.00	22.50 -1.60 0.00	19.52 -1.32 0.00	28.60 -1.73 0.00	29.46 -1.67 0.00	29.00 -1.71 0.00	20.59 -1.33 0.00	19.75 -1.24 0.00	20.17 -1.21 0.00	28.57 -1.13 0.00	26.45 -0.99 0.00	31.02 -1.57 0.00	31.60 -1.71 0.00	29.40 -1.74 0.00	32.55 -1.85 0.00	38.20 -2.50 0.00	43.36 -3.09 0.00	30.16 -2.11 0.00	29.70 -2.38 0.00	27.12 -2.26 0.00	22.62 -1.65 0.00	19.33 -1.17 0.00

CALVERTON___SOLAR 323806	28.07 1.65 -2.66	26.02 1.49 0.00	26.69 1.90 -1.50	29.48 2.07 -3.30	33.36 1.74 -10.78	32.40 2.07 0.00	32.71 1.57 0.00	32.39 1.69 0.00	23.76 1.85 0.00	34.36 1.96 -11.41	25.66 1.75 -2.53	31.61 1.91 0.00	29.00 1.56 0.00	33.56 0.96 0.00	33.98 0.67 0.00	32.16 1.02 0.00	35.45 1.05 0.00	41.09 0.52 0.13	48.21 1.76 0.00	33.84 1.56 0.00	33.83 1.75 0.00	31.12 1.75 0.00	25.86 1.59 0.00	21.92 1.41 0.00
CANDIGU_WT_PWR 323617	22.30 -1.46 0.00	22.88 -1.65 0.00	21.61 -1.68 0.00	22.28 -1.83 0.00	19.32 -1.53 0.00	28.24 -2.09 0.00	29.06 -2.08 0.00	28.63 -2.07 0.00	20.39 -1.53 0.00	19.58 -1.40 0.00	20.17 -1.21 0.00	28.61 -1.09 0.00	26.43 -1.01 0.00	30.75 -1.85 0.00	31.12 -2.19 0.00	29.07 -2.07 0.00	32.07 -2.34 0.00	37.98 -2.72 0.00	43.33 -3.12 0.00	30.06 -2.21 0.00	29.66 -2.42 0.00	27.20 -2.17 0.00	22.50 -1.78 0.00	19.13 -1.37 0.00
CARR STREET_E_SYR 24060	23.30 -0.46 0.00	24.02 -0.51 0.00	22.79 -0.50 0.00	23.60 -0.51 0.00	20.41 -0.43 0.00	29.74 -0.60 0.00	30.53 -0.61 0.00	30.11 -0.60 0.00	21.48 -0.44 0.00	20.53 -0.46 0.00	20.91 -0.46 0.00	29.14 -0.56 0.00	26.97 -0.48 0.00	32.03 -0.57 0.00	32.73 -0.59 0.00	30.54 -0.60 0.00	33.76 -0.64 0.00	39.97 -0.73 0.00	45.62 -0.83 0.00	31.66 -0.61 0.00	31.47 -0.61 0.00	28.79 -0.58 0.00	23.79 -0.48 0.00	20.10 -0.40 0.00
CARTHAGE___PAPER 23857	24.52 0.76 0.00	25.43 0.90 0.00	24.05 0.76 0.00	24.93 0.82 0.00	21.47 0.62 0.00	31.35 1.02 0.00	31.71 0.57 0.00	31.28 0.58 0.00	22.21 0.30 0.00	20.98 0.00 0.00	21.36 -0.01 0.00	29.88 0.18 0.00	28.00 0.56 0.00	33.82 1.22 0.00	34.80 1.49 0.00	32.83 1.69 0.00	36.16 1.75 0.00	41.72 1.02 0.00	47.20 0.74 0.00	32.68 0.40 0.00	32.29 0.21 0.00	29.87 0.50 0.00	24.73 0.46 0.00	20.48 -0.02 0.00
CASSADAGA_WT_PWR 323784	22.26 -1.50 0.00	22.43 -2.10 0.00	21.56 -1.73 0.00	22.12 -1.99 0.00	19.10 -1.74 0.00	27.94 -2.40 0.00	28.98 -2.16 0.00	28.35 -2.36 0.00	20.09 -1.82 0.00	19.39 -1.59 0.00	19.92 -1.46 0.00	28.17 -1.52 0.00	26.02 -1.42 0.00	30.20 -2.40 0.00	30.89 -2.43 0.00	28.85 -2.29 0.00	31.91 -2.49 0.00	37.45 -3.25 0.00	42.51 -3.94 0.00	29.48 -2.79 0.00	29.36 -2.72 0.00	26.75 -2.63 0.00	22.09 -2.19 0.00	18.98 -1.53 0.00
CE_DUNWOOD___DRP 24194	24.73 0.97 0.00	25.57 1.04 0.00	24.37 1.08 0.00	25.22 1.11 0.00	21.76 0.91 0.00	31.63 1.30 0.00	32.43 1.29 0.00	31.99 1.29 0.00	23.00 1.09 0.00	22.08 1.10 0.00	22.47 1.10 0.00	31.05 1.35 0.00	28.67 1.23 0.00	33.83 1.24 0.00	34.45 1.14 0.00	32.14 1.00 0.00	35.66 1.25 0.00	42.56 1.86 0.00	48.85 2.40 0.00	33.82 1.55 0.00	33.65 1.57 0.00	30.90 1.53 0.00	25.49 1.21 0.00	21.49 0.99 0.00
CE_MILLWOOD___DRP 24193	24.69 0.93 0.00	25.53 1.00 0.00	24.32 1.03 0.00	25.17 1.06 0.00	21.72 0.87 0.00	31.59 1.25 0.00	32.39 1.25 0.00	31.95 1.25 0.00	22.97 1.05 0.00	22.03 1.06 0.00	22.43 1.05 0.00	30.99 1.30 0.00	28.61 1.17 0.00	33.77 1.18 0.00	34.40 1.09 0.00	32.10 0.96 0.00	35.60 1.19 0.00	42.50 1.81 0.00	48.77 2.32 0.00	33.76 1.49 0.00	33.59 1.51 0.00	30.85 1.47 0.00	25.45 1.18 0.00	21.45 0.95 0.00
CE_NYC2_DRP 24202	24.81 1.05 0.00	25.65 1.12 0.00	24.45 1.16 0.00	25.31 1.20 0.00	21.84 0.99 0.00	31.73 1.40 0.00	32.50 1.37 0.00	32.10 1.40 0.00	23.13 1.21 0.00	22.21 1.23 0.00	22.59 1.22 0.00	31.22 1.52 0.00	28.84 1.40 0.00	34.01 1.41 0.00	34.63 1.32 0.00	32.27 1.13 0.00	35.80 1.40 0.00	42.78 2.08 0.00	49.08 2.63 0.00	33.95 1.68 0.00	33.82 1.74 0.00	31.06 1.69 0.00	25.61 1.33 0.00	21.58 1.08 0.00
CE_NYC_DRP 24195	24.85 1.09 0.00	25.68 1.15 0.00	24.49 1.20 0.00	25.35 1.24 0.00	21.87 1.02 0.00	31.77 1.43 0.00	32.57 1.44 0.00	32.13 1.43 0.00	23.13 1.22 0.00	22.23 1.25 0.00	22.62 1.25 0.00	31.25 1.56 0.00	28.87 1.43 0.00	34.07 1.47 0.00	34.67 1.36 0.00	32.32 1.18 0.00	35.86 1.45 0.00	42.83 2.13 0.00	49.15 2.70 0.00	34.00 1.73 0.00	33.86 1.78 0.00	31.12 1.75 0.00	25.66 1.39 0.00	21.63 1.13 0.00
CHAFFEE___LFGE 323603	22.83 -0.92 0.00	23.16 -1.37 0.00	22.06 -1.23 0.00	22.69 -1.42 0.00	19.69 -1.16 0.00	28.85 -1.48 0.00	29.71 -1.43 0.00	29.25 -1.45 0.00	20.80 -1.11 0.00	19.94 -1.05 0.00	20.37 -1.01 0.00	28.84 -0.86 0.00	26.71 -0.73 0.00	31.34 -1.25 0.00	31.91 -1.40 0.00	29.69 -1.45 0.00	32.88 -1.53 0.00	38.73 -1.96 0.00	43.90 -2.55 0.00	30.54 -1.74 0.00	30.05 -2.02 0.00	27.42 -1.95 0.00	22.86 -1.42 0.00	19.50 -1.00 0.00
CHATEAUG_35_KV_LOAD 355732	24.16 0.41 0.00	24.99 0.46 0.00	23.69 0.40 0.00	24.54 0.43 0.00	21.22 0.38 0.00	30.82 0.49 0.00	31.63 0.49 0.00	31.17 0.46 0.00	22.15 0.24 0.00	21.21 0.23 0.00	21.61 0.23 0.00	30.28 0.58 0.00	28.13 0.69 0.00	33.62 1.02 0.00	34.31 0.99 0.00	32.14 0.99 0.00	35.25 0.85 0.00	41.27 0.58 0.00	46.16 -0.29 0.00	32.62 0.35 0.00	32.54 0.46 0.00	29.80 0.43 0.00	24.64 0.36 0.00	20.79 0.28 0.00
CHATEAUG_WT_PWR 323614	24.10 0.34 0.00	24.93 0.39 0.00	23.65 0.36 0.00	24.50 0.39 0.00	21.18 0.34 0.00	30.76 0.43 0.00	31.56 0.42 0.00	31.08 0.38 0.00	22.11 0.19 0.00	21.20 0.22 0.00	21.62 0.24 0.00	30.22 0.52 0.00	28.07 0.63 0.00	33.54 0.94 0.00	34.23 0.92 0.00	32.05 0.91 0.00	35.10 0.70 0.00	41.11 0.41 0.00	45.94 -0.51 0.00	32.52 0.24 0.00	32.46 0.38 0.00	29.75 0.37 0.00	24.58 0.31 0.00	20.76 0.26 0.00
CHAT_HIGH_FALL_HYD 323578	24.16 0.41 0.00	24.99 0.46 0.00	23.69 0.40 0.00	24.54 0.43 0.00	21.22 0.38 0.00	30.82 0.49 0.00	31.63 0.49 0.00	31.17 0.46 0.00	22.15 0.24 0.00	21.21 0.23 0.00	21.61 0.23 0.00	30.28 0.58 0.00	28.13 0.69 0.00	33.62 1.02 0.00	34.31 0.99 0.00	32.14 0.99 0.00	35.25 0.85 0.00	41.27 0.58 0.00	46.16 -0.29 0.00	32.62 0.35 0.00	32.54 0.46 0.00	29.80 0.43 0.00	24.64 0.36 0.00	20.79 0.28 0.00
CHAUTAUQUA___LFGE 323629	22.46 -1.30 0.00	22.69 -1.84 0.00	21.68 -1.61 0.00	22.28 -1.83 0.00	19.32 -1.53 0.00	28.29 -2.04 0.00	29.20 -1.93 0.00	28.70 -2.00 0.00	20.35 -1.57 0.00	19.55 -1.43 0.00	20.02 -1.36 0.00	28.35 -1.35 0.00	26.23 -1.21 0.00	30.66 -1.94 0.00	31.28 -2.04 0.00	29.14 -2.00 0.00	32.28 -2.12 0.00	37.91 -2.79 0.00	42.95 -3.50 0.00	29.88 -2.40 0.00	29.53 -2.55 0.00	26.91 -2.46 0.00	22.37 -1.90 0.00	19.13 -1.38 0.00
CHERRYST_13_KV_LD 356241	24.91 1.15 0.00	25.74 1.22 0.00	24.55 1.26 0.00	25.42 1.31 0.00	21.91 1.07 0.00	31.85 1.51 0.00	32.66 1.52 0.00	32.21 1.51 0.00	23.19 1.28 0.00	22.29 1.31 0.00	22.69 1.31 0.00	31.34 1.64 0.00	28.95 1.51 0.00	34.16 1.57 0.00	34.76 1.45 0.00	32.41 1.27 0.00	35.96 1.55 0.00	42.95 2.25 0.00	49.28 2.83 0.00	34.09 1.82 0.00	33.95 1.87 0.00	31.19 1.82 0.00	25.73 1.45 0.00	21.68 1.18 0.00

CHESTROR_138KV_BK263 355645	24.53 0.77 0.00	25.36 0.83 0.00	24.15 0.86 0.00	25.00 0.89 0.00	21.58 0.74 0.00	31.39 1.06 0.00	32.21 1.07 0.00	31.77 1.07 0.00	22.80 0.89 0.00	21.86 0.88 0.00	22.26 0.88 0.00	30.78 1.08 0.00	28.42 0.97 0.00	33.56 0.96 0.00	34.22 0.91 0.00	31.94 0.80 0.00	35.41 1.01 0.00	42.25 1.55 0.00	48.47 2.03 0.00	33.56 1.29 0.00	33.38 1.30 0.00	30.62 1.25 0.00	25.27 1.00 0.00	21.31 0.80 0.00
CH_MIDHUDSON___DRP 24192	24.68 0.92 0.00	25.53 0.99 0.00	24.30 1.01 0.00	25.16 1.05 0.00	21.71 0.87 0.00	31.57 1.24 0.00	32.39 1.25 0.00	31.96 1.25 0.00	22.94 1.03 0.00	22.01 1.03 0.00	22.40 1.03 0.00	30.95 1.26 0.00	28.58 1.14 0.00	33.79 1.19 0.00	34.46 1.15 0.00	32.17 1.02 0.00	35.67 1.26 0.00	42.52 1.83 0.00	48.77 2.32 0.00	33.78 1.50 0.00	33.59 1.51 0.00	30.82 1.45 0.00	25.42 1.14 0.00	21.43 0.92 0.00
CH_MISC_IPPS 23765	24.81 1.05 0.00	25.65 1.12 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.82 0.98 0.00	31.74 1.41 0.00	32.56 1.43 0.00	32.14 1.44 0.00	23.07 1.16 0.00	22.14 1.15 0.00	22.52 1.14 0.00	31.13 1.44 0.00	28.75 1.31 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.36 1.21 0.00	35.90 1.49 0.00	42.78 2.08 0.00	49.08 2.64 0.00	33.98 1.71 0.00	33.79 1.72 0.00	30.99 1.62 0.00	25.56 1.28 0.00	21.54 1.04 0.00
CH_RES_BVR_FALLS 23983	23.60 -0.16 0.00	24.30 -0.23 0.00	22.98 -0.32 0.00	23.81 -0.30 0.00	20.59 -0.25 0.00	29.99 -0.34 0.00	30.81 -0.33 0.00	30.28 -0.42 0.00	21.62 -0.29 0.00	20.69 -0.29 0.00	21.17 -0.21 0.00	29.58 -0.12 0.00	27.39 -0.05 0.00	32.59 -0.01 0.00	33.29 -0.02 0.00	31.11 -0.03 0.00	34.09 -0.32 0.00	39.97 -0.73 0.00	45.41 -1.04 0.00	31.56 -0.72 0.00	31.50 -0.58 0.00	28.88 -0.50 0.00	23.87 -0.41 0.00	20.07 -0.43 0.00
CH_RES_NIAGARA 23895	22.15 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.06 -1.78 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.78 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.23 -2.36 0.00	30.82 -2.50 0.00	28.56 -2.59 0.00	31.67 -2.74 0.00	37.03 -3.67 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.81 -1.70 0.00
CH_RES_SYRACUSE 23985	23.43 -0.32 0.00	24.16 -0.37 0.00	22.93 -0.37 0.00	23.73 -0.38 0.00	20.54 -0.30 0.00	29.92 -0.41 0.00	30.72 -0.42 0.00	30.30 -0.40 0.00	21.61 -0.31 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.39 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.94 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.32 -0.38 0.00	46.03 -0.42 0.00	31.94 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.40 0.00	23.94 -0.34 0.00	20.22 -0.28 0.00
CLINTON_WT_PWR 323605	24.10 0.34 0.00	24.93 0.39 0.00	23.65 0.36 0.00	24.50 0.39 0.00	21.18 0.34 0.00	30.76 0.43 0.00	31.56 0.42 0.00	31.08 0.38 0.00	22.11 0.19 0.00	21.20 0.22 0.00	21.62 0.24 0.00	30.22 0.52 0.00	28.07 0.63 0.00	33.54 0.94 0.00	34.23 0.92 0.00	32.05 0.91 0.00	35.10 0.70 0.00	41.11 0.41 0.00	45.94 -0.51 0.00	32.52 0.24 0.00	32.46 0.38 0.00	29.75 0.37 0.00	24.58 0.31 0.00	20.76 0.26 0.00
CLINTON___LFGE 323618	24.42 0.66 0.00	25.25 0.72 0.00	23.97 0.68 0.00	24.80 0.69 0.00	21.48 0.63 0.00	31.18 0.84 0.00	32.03 0.90 0.00	31.53 0.83 0.00	22.40 0.48 0.00	21.43 0.45 0.00	21.83 0.46 0.00	30.54 0.84 0.00	28.42 0.97 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.48 1.34 0.00	35.52 1.11 0.00	41.63 0.94 0.00	46.47 0.02 0.00	32.93 0.65 0.00	32.86 0.77 0.00	30.10 0.73 0.00	24.86 0.58 0.00	21.00 0.50 0.00
COBBLENY_34_KV_TB1 80064	22.83 -0.93 0.00	23.16 -1.37 0.00	22.06 -1.23 0.00	22.69 -1.42 0.00	19.68 -1.16 0.00	28.85 -1.49 0.00	29.70 -1.43 0.00	29.25 -1.45 0.00	20.80 -1.11 0.00	19.93 -1.05 0.00	20.36 -1.01 0.00	28.84 -0.86 0.00	26.71 -0.73 0.00	31.34 -1.25 0.00	31.91 -1.40 0.00	29.69 -1.45 0.00	32.88 -1.53 0.00	38.64 -2.06 0.00	43.90 -2.55 0.00	30.54 -1.73 0.00	30.06 -2.02 0.00	27.42 -1.96 0.00	22.86 -1.41 0.00	19.50 -1.00 0.00
COFFEEN___115KV_TB3 355620	24.37 0.61 0.00	25.27 0.74 0.00	23.91 0.62 0.00	24.78 0.67 0.00	21.32 0.47 0.00	31.20 0.87 0.00	31.55 0.41 0.00	31.14 0.44 0.00	22.11 0.20 0.00	20.82 -0.16 0.00	21.30 -0.08 0.00	29.71 0.02 0.00	27.89 0.45 0.00	33.72 1.13 0.00	34.70 1.39 0.00	32.72 1.57 0.00	36.07 1.66 0.00	41.64 0.94 0.00	47.21 0.76 0.00	32.63 0.35 0.00	32.19 0.11 0.00	29.75 0.37 0.00	24.60 0.33 0.00	20.41 -0.09 0.00
COLDSPRG_115KV_BK1 355956	23.13 -0.63 0.00	23.52 -1.01 0.00	22.50 -0.79 0.00	23.16 -0.95 0.00	20.03 -0.82 0.00	29.28 -1.05 0.00	30.16 -0.97 0.00	29.63 -1.08 0.00	21.14 -0.77 0.00	20.39 -0.59 0.00	20.91 -0.47 0.00	29.48 -0.21 0.00	27.18 -0.26 0.00	31.78 -0.81 0.00	32.43 -0.89 0.00	30.13 -1.01 0.00	33.20 -1.20 0.00	39.23 -1.47 0.00	44.80 -1.66 0.00	31.04 -1.24 0.00	30.68 -1.40 0.00	27.98 -1.39 0.00	23.17 -1.11 0.00	19.79 -0.71 0.00
COLONIE_LFGE___ 323577	24.66 0.90 0.00	25.55 1.02 0.00	24.26 0.96 0.00	25.09 0.98 0.00	21.68 0.84 0.00	31.58 1.24 0.00	32.46 1.32 0.00	32.03 1.33 0.00	22.86 0.94 0.00	21.89 0.90 0.00	22.20 0.83 0.00	30.55 0.85 0.00	28.21 0.77 0.00	33.61 1.01 0.00	34.45 1.14 0.00	32.31 1.17 0.00	35.74 1.33 0.00	42.29 1.59 0.00	48.38 1.93 0.00	33.64 1.36 0.00	33.46 1.38 0.00	30.64 1.26 0.00	25.29 1.01 0.00	21.33 0.83 0.00
COOPERNY_115KV_TB1 80082	24.31 0.55 0.00	25.13 0.60 0.00	23.91 0.61 0.00	24.75 0.64 0.00	21.37 0.53 0.00	31.09 0.76 0.00	31.89 0.76 0.00	31.46 0.76 0.00	22.55 0.63 0.00	21.61 0.63 0.00	22.01 0.64 0.00	30.49 0.79 0.00	28.15 0.71 0.00	33.29 0.69 0.00	33.94 0.63 0.00	31.70 0.55 0.00	35.09 0.69 0.00	41.79 1.09 0.00	47.90 1.45 0.00	33.20 0.93 0.00	33.01 0.93 0.00	30.26 0.89 0.00	24.99 0.71 0.00	21.08 0.58 0.00
COPENHAGEN_WT_PWR 323753	23.99 0.23 0.00	24.93 0.39 0.00	23.60 0.31 0.00	24.46 0.35 0.00	21.00 0.16 0.00	30.80 0.46 0.00	30.99 -0.15 0.00	30.59 -0.11 0.00	21.84 -0.07 0.00	20.62 -0.37 0.00	21.07 -0.30 0.00	29.45 -0.25 0.00	27.63 0.19 0.00	33.30 0.70 0.00	34.21 0.90 0.00	32.25 1.11 0.00	35.48 1.07 0.00	40.73 0.03 0.00	46.22 -0.23 0.00	31.91 -0.36 0.00	31.46 -0.62 0.00	29.16 -0.21 0.00	24.15 -0.13 0.00	20.02 -0.48 0.00
CORNELL_____ 23752	23.86 0.10 0.00	24.58 0.05 0.00	23.29 -0.01 0.00	24.10 -0.01 0.00	20.85 0.00 0.00	30.39 0.05 0.00	31.20 0.07 0.00	30.78 0.08 0.00	21.93 0.02 0.00	20.86 -0.12 0.00	21.21 -0.17 0.00	29.70 0.00 0.00	27.54 0.09 0.00	32.73 0.14 0.00	33.48 0.17 0.00	31.35 0.21 0.00	34.66 0.25 0.00	41.09 0.39 0.00	46.94 0.49 0.00	32.55 0.27 0.00	32.24 0.16 0.00	29.46 0.09 0.00	24.31 0.03 0.00	20.54 0.04 0.00

CORONA_69_KV_TB1 355595	27.90 1.48 -2.66	26.00 1.48 0.00	26.38 1.59 -1.50	29.05 1.64 -3.30	33.00 1.37 -10.78	32.15 1.82 0.00	32.74 1.60 0.00	32.35 1.65 0.00	23.45 1.53 0.00	33.98 1.58 -11.41	25.48 1.57 -2.53	31.58 1.89 0.00	29.15 1.71 0.00	33.94 1.35 0.00	34.46 1.15 0.00	32.30 1.16 0.00	35.72 1.31 0.00	42.40 1.61 -0.09	48.85 2.40 0.00	33.98 1.71 0.00	33.89 1.82 0.00	31.17 1.80 0.00	25.85 1.57 0.00	21.90 1.39 0.00
CORTLAND_115KV_TB3 80093	23.73 -0.03 0.00	24.48 -0.05 0.00	23.21 -0.08 0.00	24.03 -0.08 0.00	20.78 -0.06 0.00	30.29 -0.04 0.00	31.09 -0.05 0.00	30.66 -0.04 0.00	21.87 -0.05 0.00	20.86 -0.12 0.00	21.23 -0.14 0.00	29.64 -0.06 0.00	27.43 -0.01 0.00	32.58 -0.01 0.00	33.31 0.00 0.00	31.17 0.03 0.00	34.48 0.07 0.00	40.84 0.14 0.00	46.67 0.22 0.00	32.36 0.09 0.00	32.09 0.01 0.00	29.35 -0.03 0.00	24.22 -0.06 0.00	20.46 -0.04 0.00
COXSACKIE___GT 23611	25.53 1.77 0.00	26.42 1.89 0.00	25.01 1.72 0.00	25.91 1.80 0.00	22.41 1.56 0.00	32.65 2.31 0.00	33.62 2.49 0.00	33.26 2.56 0.00	23.66 1.74 0.00	22.44 1.46 0.00	22.66 1.28 0.00	31.16 1.47 0.00	28.74 1.30 0.00	34.49 1.90 0.00	35.77 2.46 0.00	33.84 2.70 0.00	37.58 3.17 0.00	44.50 3.80 0.00	50.74 4.29 0.00	35.14 2.87 0.00	34.82 2.74 0.00	31.80 2.43 0.00	26.17 1.90 0.00	22.03 1.53 0.00
CPV_VALLEY___CC1 323721	24.40 0.64 0.00	25.23 0.70 0.00	24.02 0.73 0.00	24.86 0.75 0.00	21.47 0.63 0.00	31.22 0.89 0.00	32.02 0.89 0.00	31.59 0.89 0.00	22.67 0.76 0.00	21.74 0.76 0.00	22.13 0.76 0.00	30.62 0.92 0.00	28.26 0.82 0.00	33.39 0.79 0.00	34.05 0.73 0.00	31.77 0.63 0.00	35.21 0.81 0.00	41.96 1.26 0.00	48.16 1.71 0.00	33.36 1.08 0.00	33.17 1.09 0.00	30.44 1.07 0.00	25.13 0.85 0.00	21.20 0.70 0.00
CPV_VALLEY___CC2 323722	24.40 0.64 0.00	25.23 0.70 0.00	24.02 0.73 0.00	24.86 0.75 0.00	21.47 0.63 0.00	31.22 0.89 0.00	32.02 0.89 0.00	31.59 0.89 0.00	22.67 0.76 0.00	21.74 0.76 0.00	22.13 0.76 0.00	30.62 0.92 0.00	28.26 0.82 0.00	33.39 0.79 0.00	34.05 0.73 0.00	31.77 0.63 0.00	35.21 0.81 0.00	41.96 1.26 0.00	48.16 1.71 0.00	33.36 1.08 0.00	33.17 1.09 0.00	30.44 1.07 0.00	25.13 0.85 0.00	21.20 0.70 0.00
CRESCENT___HYD 24018	24.66 0.90 0.00	25.55 1.02 0.00	24.26 0.96 0.00	25.09 0.98 0.00	21.68 0.84 0.00	31.58 1.24 0.00	32.46 1.32 0.00	32.03 1.33 0.00	22.86 0.94 0.00	21.89 0.90 0.00	22.20 0.83 0.00	30.55 0.85 0.00	28.21 0.77 0.00	33.61 1.01 0.00	34.45 1.14 0.00	32.31 1.17 0.00	35.74 1.33 0.00	42.29 1.59 0.00	48.38 1.93 0.00	33.64 1.36 0.00	33.46 1.38 0.00	30.64 1.26 0.00	25.29 1.01 0.00	21.33 0.83 0.00
CRICKET___VALLEY_CC1 323756	24.45 0.69 0.00	25.29 0.76 0.00	24.10 0.81 0.00	24.95 0.84 0.00	21.52 0.68 0.00	31.28 0.94 0.00	32.07 0.94 0.00	31.65 0.95 0.00	22.73 0.81 0.00	21.81 0.82 0.00	22.20 0.82 0.00	30.66 0.97 0.00	28.31 0.87 0.00	33.45 0.85 0.00	34.09 0.78 0.00	31.83 0.69 0.00	35.27 0.87 0.00	42.03 1.33 0.00	48.24 1.79 0.00	33.42 1.15 0.00	33.26 1.18 0.00	30.53 1.16 0.00	25.19 0.92 0.00	21.24 0.74 0.00
CRICKET___VALLEY_CC2 323757	24.45 0.69 0.00	25.29 0.76 0.00	24.10 0.81 0.00	24.95 0.84 0.00	21.52 0.68 0.00	31.28 0.94 0.00	32.07 0.94 0.00	31.65 0.95 0.00	22.73 0.81 0.00	21.81 0.82 0.00	22.20 0.82 0.00	30.66 0.97 0.00	28.31 0.87 0.00	33.45 0.85 0.00	34.09 0.78 0.00	31.83 0.69 0.00	35.27 0.87 0.00	42.03 1.33 0.00	48.24 1.79 0.00	33.42 1.15 0.00	33.26 1.18 0.00	30.53 1.16 0.00	25.19 0.92 0.00	21.24 0.74 0.00
CRICKET___VALLEY_CC3 323758	24.45 0.69 0.00	25.29 0.76 0.00	24.10 0.81 0.00	24.95 0.84 0.00	21.52 0.68 0.00	31.28 0.94 0.00	32.07 0.94 0.00	31.65 0.95 0.00	22.73 0.81 0.00	21.81 0.82 0.00	22.20 0.82 0.00	30.66 0.97 0.00	28.31 0.87 0.00	33.45 0.85 0.00	34.09 0.78 0.00	31.83 0.69 0.00	35.27 0.87 0.00	42.03 1.33 0.00	48.24 1.79 0.00	33.42 1.15 0.00	33.26 1.18 0.00	30.53 1.16 0.00	25.19 0.92 0.00	21.24 0.74 0.00
CRUCIBLE_METL_DRP 24180	23.44 -0.32 0.00	24.16 -0.37 0.00	22.93 -0.37 0.00	23.73 -0.38 0.00	20.54 -0.30 0.00	29.92 -0.41 0.00	30.72 -0.42 0.00	30.30 -0.39 0.00	21.61 -0.31 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.39 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.94 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.31 -0.39 0.00	46.03 -0.42 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.40 0.00	23.94 -0.34 0.00	20.22 -0.28 0.00
DAHOWA___HYDRO 323763	25.14 1.38 0.00	26.06 1.53 0.00	24.72 1.43 0.00	25.57 1.46 0.00	22.11 1.27 0.00	32.23 1.90 0.00	33.16 2.03 0.00	32.74 2.03 0.00	23.24 1.32 0.00	22.19 1.21 0.00	22.48 1.10 0.00	30.95 1.25 0.00	28.53 1.09 0.00	34.01 1.42 0.00	34.87 1.56 0.00	32.78 1.64 0.00	36.35 1.94 0.00	42.96 2.26 0.00	49.11 2.65 0.00	34.14 1.87 0.00	33.87 1.79 0.00	30.97 1.60 0.00	25.58 1.30 0.00	21.56 1.06 0.00
DANC___LFGE 323619	23.69 -0.07 0.00	24.54 0.01 0.00	23.25 -0.04 0.00	24.08 -0.03 0.00	20.73 -0.12 0.00	30.31 -0.02 0.00	30.72 -0.42 0.00	30.31 -0.39 0.00	21.65 -0.27 0.00	20.52 -0.46 0.00	20.96 -0.41 0.00	29.24 -0.45 0.00	27.31 -0.14 0.00	32.75 0.15 0.00	33.59 0.28 0.00	31.57 0.43 0.00	34.78 0.38 0.00	40.38 -0.32 0.00	45.90 -0.55 0.00	31.75 -0.52 0.00	31.41 -0.67 0.00	28.96 -0.42 0.00	23.98 -0.30 0.00	20.02 -0.48 0.00
DANSKAMMER___1 23586	24.81 1.05 0.00	25.65 1.12 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.82 0.98 0.00	31.74 1.41 0.00	32.56 1.43 0.00	32.14 1.44 0.00	23.07 1.16 0.00	22.14 1.15 0.00	22.52 1.14 0.00	31.13 1.44 0.00	28.75 1.31 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.36 1.21 0.00	35.90 1.49 0.00	42.78 2.08 0.00	49.08 2.64 0.00	33.98 1.71 0.00	33.79 1.72 0.00	30.99 1.62 0.00	25.56 1.28 0.00	21.54 1.04 0.00
DANSKAMMER___2 23589	24.81 1.05 0.00	25.65 1.12 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.82 0.98 0.00	31.74 1.41 0.00	32.56 1.43 0.00	32.14 1.44 0.00	23.07 1.16 0.00	22.14 1.15 0.00	22.52 1.14 0.00	31.13 1.44 0.00	28.75 1.31 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.36 1.21 0.00	35.90 1.49 0.00	42.78 2.08 0.00	49.08 2.64 0.00	33.98 1.71 0.00	33.79 1.72 0.00	30.99 1.62 0.00	25.56 1.28 0.00	21.54 1.04 0.00
DANSKAMMER___3 23590	24.81 1.05 0.00	25.65 1.12 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.82 0.98 0.00	31.74 1.41 0.00	32.56 1.43 0.00	32.14 1.44 0.00	23.07 1.16 0.00	22.14 1.15 0.00	22.52 1.14 0.00	31.13 1.44 0.00	28.75 1.31 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.36 1.21 0.00	35.90 1.49 0.00	42.78 2.08 0.00	49.08 2.64 0.00	33.98 1.71 0.00	33.79 1.72 0.00	30.99 1.62 0.00	25.56 1.28 0.00	21.54 1.04 0.00

DANSKAMMER___4 23591	24.81 1.05 0.00	25.65 1.12 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.82 0.98 0.00	31.74 1.41 0.00	32.56 1.43 0.00	32.14 1.44 0.00	23.07 1.16 0.00	22.14 1.15 0.00	22.52 1.14 0.00	31.13 1.44 0.00	28.75 1.31 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.36 1.21 0.00	35.90 1.49 0.00	42.78 2.08 0.00	49.08 2.64 0.00	33.98 1.71 0.00	33.79 1.72 0.00	30.99 1.62 0.00	25.56 1.28 0.00	21.54 1.04 0.00
DANSKAMMER___DIESEL 23592	24.81 1.05 0.00	25.65 1.12 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.82 0.98 0.00	31.74 1.41 0.00	32.56 1.43 0.00	32.14 1.44 0.00	23.08 1.16 0.00	22.14 1.15 0.00	22.52 1.14 0.00	31.13 1.43 0.00	28.75 1.31 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.36 1.21 0.00	35.90 1.49 0.00	42.81 2.11 0.00	49.09 2.64 0.00	33.98 1.71 0.00	33.79 1.72 0.00	30.99 1.62 0.00	25.56 1.29 0.00	21.54 1.04 0.00
DARBY___SOLAR 323810	25.02 1.26 0.00	25.93 1.40 0.00	24.60 1.31 0.00	25.45 1.34 0.00	22.00 1.16 0.00	32.07 1.73 0.00	32.98 1.85 0.00	32.56 1.86 0.00	23.11 1.19 0.00	22.08 1.10 0.00	22.37 0.99 0.00	30.80 1.10 0.00	28.42 0.99 0.00	33.86 1.27 0.00	34.73 1.42 0.00	32.64 1.50 0.00	36.17 1.76 0.00	42.76 2.06 0.00	48.88 2.43 0.00	33.98 1.71 0.00	33.74 1.66 0.00	30.85 1.47 0.00	25.48 1.20 0.00	21.49 0.98 0.00
DASHVILLE___HYD 23610	24.25 0.49 0.00	25.09 0.56 0.00	23.88 0.58 0.00	24.74 0.63 0.00	21.35 0.51 0.00	31.02 0.69 0.00	31.82 0.68 0.00	31.41 0.71 0.00	22.56 0.64 0.00	21.66 0.67 0.00	22.07 0.70 0.00	30.49 0.79 0.00	28.16 0.72 0.00	33.27 0.67 0.00	33.92 0.61 0.00	31.64 0.50 0.00	35.06 0.65 0.00	41.78 1.08 0.00	47.91 1.46 0.00	33.20 0.93 0.00	33.02 0.94 0.00	30.30 0.93 0.00	25.00 0.72 0.00	21.07 0.56 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.31 1.89 -2.66	26.31 1.78 0.00	27.02 2.23 -1.50	29.83 2.42 -3.30	33.68 2.05 -10.78	32.85 2.52 0.00	33.18 2.04 0.00	32.86 2.16 0.00	24.12 2.21 0.00	34.71 2.31 -11.41	25.95 2.04 -2.53	31.88 2.18 0.00	29.07 1.63 0.00	33.55 0.96 0.00	33.92 0.61 0.00	32.11 0.97 0.00	35.40 0.99 0.00	41.37 0.80 0.13	48.08 1.64 0.00	33.72 1.45 0.00	33.70 1.62 0.00	30.99 1.62 0.00	25.72 1.44 0.00	21.77 1.27 0.00
DELAWARE___LFGE 323621	24.24 0.48 0.00	25.05 0.52 0.00	23.74 0.45 0.00	24.60 0.49 0.00	21.26 0.41 0.00	30.91 0.58 0.00	31.70 0.56 0.00	31.27 0.57 0.00	22.35 0.43 0.00	21.43 0.45 0.00	21.86 0.48 0.00	30.35 0.66 0.00	28.03 0.59 0.00	33.21 0.62 0.00	33.91 0.60 0.00	31.66 0.52 0.00	34.98 0.57 0.00	41.52 0.82 0.00	47.51 1.06 0.00	32.95 0.68 0.00	32.74 0.66 0.00	29.96 0.59 0.00	24.75 0.47 0.00	20.91 0.40 0.00
DERFIELD_115KV_TB7 355931	23.83 0.07 0.00	24.60 0.08 0.00	23.36 0.07 0.00	24.18 0.07 0.00	20.90 0.06 0.00	30.42 0.09 0.00	31.23 0.09 0.00	30.79 0.09 0.00	21.98 0.06 0.00	21.04 0.06 0.00	21.44 0.06 0.00	29.74 0.05 0.00	27.47 0.03 0.00	32.63 0.03 0.00	33.38 0.07 0.00	31.22 0.08 0.00	34.49 0.08 0.00	40.82 0.12 0.00	46.64 0.18 0.00	32.38 0.11 0.00	32.17 0.10 0.00	29.48 0.10 0.00	24.36 0.09 0.00	20.56 0.06 0.00
DOGLEVILLE___HYD 23807	24.25 0.49 0.00	25.12 0.59 0.00	23.81 0.52 0.00	24.62 0.51 0.00	21.26 0.42 0.00	30.94 0.60 0.00	31.84 0.70 0.00	31.37 0.67 0.00	22.18 0.27 0.00	21.15 0.17 0.00	21.40 0.02 0.00	29.60 -0.10 0.00	27.22 -0.22 0.00	32.60 0.01 0.00	33.58 0.27 0.00	31.68 0.54 0.00	34.87 0.46 0.00	41.53 0.83 0.00	47.43 0.98 0.00	32.93 0.66 0.00	32.76 0.68 0.00	30.00 0.63 0.00	24.83 0.55 0.00	20.95 0.45 0.00
DUNKIRK___115KV_TB_200 55889	22.49 -1.28 0.00	22.72 -1.81 0.00	21.70 -1.59 0.00	22.31 -1.80 0.00	19.34 -1.51 0.00	28.34 -1.99 0.00	29.24 -1.90 0.00	28.75 -1.95 0.00	20.39 -1.53 0.00	19.57 -1.41 0.00	20.04 -1.34 0.00	28.38 -1.32 0.00	26.28 -1.17 0.00	30.72 -1.88 0.00	31.33 -1.99 0.00	29.19 -1.96 0.00	32.33 -2.08 0.00	37.88 -2.82 0.00	43.01 -3.44 0.00	29.92 -2.35 0.00	29.55 -2.53 0.00	26.94 -2.44 0.00	22.41 -1.87 0.00	19.16 -1.35 0.00
DUNKIRK___1 23563	22.49 -1.28 0.00	22.72 -1.81 0.00	21.70 -1.59 0.00	22.31 -1.80 0.00	19.34 -1.51 0.00	28.34 -1.99 0.00	29.24 -1.90 0.00	28.75 -1.95 0.00	20.39 -1.53 0.00	19.57 -1.41 0.00	20.04 -1.34 0.00	28.38 -1.32 0.00	26.28 -1.17 0.00	30.72 -1.88 0.00	31.33 -1.99 0.00	29.19 -1.96 0.00	32.33 -2.08 0.00	37.88 -2.82 0.00	43.01 -3.44 0.00	29.92 -2.35 0.00	29.55 -2.53 0.00	26.94 -2.44 0.00	22.41 -1.87 0.00	19.16 -1.35 0.00
DUNKIRK___2 23564	22.49 -1.28 0.00	22.72 -1.81 0.00	21.70 -1.59 0.00	22.31 -1.80 0.00	19.34 -1.51 0.00	28.34 -1.99 0.00	29.24 -1.90 0.00	28.75 -1.95 0.00	20.39 -1.53 0.00	19.57 -1.41 0.00	20.04 -1.34 0.00	28.38 -1.32 0.00	26.28 -1.17 0.00	30.72 -1.88 0.00	31.33 -1.99 0.00	29.19 -1.96 0.00	32.33 -2.08 0.00	37.88 -2.82 0.00	43.01 -3.44 0.00	29.92 -2.35 0.00	29.55 -2.53 0.00	26.94 -2.44 0.00	22.41 -1.87 0.00	19.16 -1.35 0.00
DUNKIRK___3 23565	22.52 -1.24 0.00	22.77 -1.76 0.00	21.75 -1.55 0.00	22.36 -1.75 0.00	19.38 -1.46 0.00	28.39 -1.94 0.00	29.28 -1.86 0.00	28.79 -1.91 0.00	20.44 -1.48 0.00	19.63 -1.35 0.00	20.09 -1.29 0.00	28.43 -1.27 0.00	26.31 -1.13 0.00	30.79 -1.81 0.00	31.40 -1.91 0.00	29.23 -1.91 0.00	32.36 -2.05 0.00	37.95 -2.75 0.00	43.10 -3.35 0.00	29.98 -2.29 0.00	29.58 -2.50 0.00	26.98 -2.39 0.00	22.46 -1.82 0.00	19.19 -1.32 0.00
DUNKIRK___4 23566	22.52 -1.24 0.00	22.77 -1.76 0.00	21.75 -1.55 0.00	22.36 -1.75 0.00	19.38 -1.46 0.00	28.39 -1.94 0.00	29.28 -1.86 0.00	28.79 -1.91 0.00	20.44 -1.48 0.00	19.63 -1.35 0.00	20.09 -1.29 0.00	28.43 -1.27 0.00	26.31 -1.13 0.00	30.79 -1.81 0.00	31.40 -1.91 0.00	29.23 -1.91 0.00	32.36 -2.05 0.00	37.95 -2.75 0.00	43.10 -3.35 0.00	29.98 -2.29 0.00	29.58 -2.50 0.00	26.98 -2.39 0.00	22.46 -1.82 0.00	19.19 -1.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.78 1.02 0.00	25.62 1.09 0.00	24.42 1.13 0.00	25.26 1.15 0.00	21.78 0.94 0.00	31.66 1.33 0.00	32.46 1.32 0.00	32.03 1.32 0.00	23.03 1.12 0.00	22.11 1.13 0.00	22.50 1.13 0.00	31.09 1.40 0.00	28.71 1.27 0.00	33.87 1.28 0.00	34.49 1.18 0.00	32.18 1.04 0.00	35.72 1.31 0.00	42.64 1.94 0.00	48.94 2.49 0.00	33.87 1.60 0.00	33.71 1.63 0.00	30.96 1.58 0.00	25.54 1.26 0.00	21.53 1.03 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.64 0.88 0.00	25.48 0.95 0.00	24.26 0.97 0.00	25.12 1.01 0.00	21.68 0.84 0.00	31.54 1.21 0.00	32.36 1.22 0.00	31.93 1.22 0.00	22.92 1.00 0.00	21.98 1.00 0.00	22.37 0.99 0.00	30.92 1.23 0.00	28.56 1.12 0.00	33.74 1.15 0.00	34.41 1.10 0.00	32.11 0.97 0.00	35.62 1.22 0.00	42.49 1.79 0.00	48.74 2.29 0.00	33.75 1.48 0.00	33.56 1.48 0.00	30.79 1.42 0.00	25.40 1.12 0.00	21.41 0.90 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.81 1.05 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.30 1.19 0.00	21.85 1.01 0.00	31.75 1.41 0.00	32.52 1.39 0.00	32.11 1.41 0.00	23.15 1.24 0.00	22.23 1.25 0.00	22.63 1.25 0.00	31.27 1.58 0.00	28.88 1.44 0.00	34.04 1.44 0.00	34.68 1.37 0.00	32.32 1.18 0.00	35.79 1.38 0.00	42.74 2.04 0.00	49.06 2.61 0.00	33.93 1.65 0.00	33.84 1.76 0.00	31.05 1.68 0.00	25.61 1.33 0.00	21.59 1.09 0.00
E179THST_13_KV_LOAD 356214	24.90 1.14 0.00	25.71 1.18 0.00	24.50 1.21 0.00	25.39 1.28 0.00	21.92 1.08 0.00	31.86 1.52 0.00	32.64 1.50 0.00	32.23 1.53 0.00	23.24 1.32 0.00	22.31 1.33 0.00	22.72 1.34 0.00	31.41 1.71 0.00	29.01 1.57 0.00	34.18 1.58 0.00	34.82 1.51 0.00	32.46 1.31 0.00	35.94 1.54 0.00	42.93 2.23 0.00	49.27 2.82 0.00	34.08 1.80 0.00	33.98 1.90 0.00	31.18 1.81 0.00	25.71 1.44 0.00	21.67 1.17 0.00
EAST HAMPTON___GT 23717	28.45 2.03 -2.66	26.52 1.99 0.00	27.23 2.44 -1.50	30.08 2.67 -3.30	33.90 2.27 -10.78	33.18 2.85 0.00	33.55 2.41 0.00	33.24 2.54 0.00	24.38 2.46 0.00	34.95 2.55 -11.41	26.14 2.23 -2.53	31.97 2.28 0.00	28.93 1.49 0.00	33.25 0.66 0.00	33.51 0.20 0.00	31.71 0.57 0.00	34.93 0.53 0.00	40.24 -0.33 0.13	47.42 0.96 0.00	33.20 0.92 0.00	33.15 1.08 0.00	30.50 1.13 0.00	25.28 1.00 0.00	21.39 0.89 0.00
EAST RIVER___6 23660	24.91 1.15 0.00	25.74 1.21 0.00	24.55 1.26 0.00	25.41 1.30 0.00	21.90 1.06 0.00	31.79 1.45 0.00	32.59 1.45 0.00	32.16 1.45 0.00	23.15 1.24 0.00	22.25 1.27 0.00	22.66 1.28 0.00	31.30 1.60 0.00	28.92 1.48 0.00	34.12 1.53 0.00	34.72 1.41 0.00	32.37 1.23 0.00	35.94 1.53 0.00	42.88 2.18 0.00	49.27 2.81 0.00	34.07 1.80 0.00	33.93 1.85 0.00	31.19 1.82 0.00	25.72 1.44 0.00	21.67 1.17 0.00
EAST RIVER___7 23524	24.91 1.15 0.00	25.74 1.21 0.00	24.55 1.26 0.00	25.41 1.30 0.00	21.90 1.06 0.00	31.79 1.45 0.00	32.59 1.45 0.00	32.16 1.45 0.00	23.15 1.24 0.00	22.25 1.27 0.00	22.66 1.28 0.00	31.30 1.60 0.00	28.92 1.48 0.00	34.12 1.53 0.00	34.72 1.41 0.00	32.37 1.23 0.00	35.94 1.53 0.00	42.88 2.18 0.00	49.27 2.81 0.00	34.07 1.80 0.00	33.93 1.85 0.00	31.19 1.82 0.00	25.72 1.44 0.00	21.67 1.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.73 0.97 0.00	25.57 1.04 0.00	24.37 1.08 0.00	25.22 1.11 0.00	21.76 0.91 0.00	31.63 1.30 0.00	32.43 1.29 0.00	31.99 1.29 0.00	23.00 1.09 0.00	22.08 1.10 0.00	22.47 1.10 0.00	31.05 1.35 0.00	28.67 1.23 0.00	33.83 1.24 0.00	34.45 1.14 0.00	32.14 1.00 0.00	35.66 1.25 0.00	42.56 1.86 0.00	48.85 2.40 0.00	33.82 1.55 0.00	33.65 1.57 0.00	30.90 1.53 0.00	25.49 1.21 0.00	21.49 0.99 0.00
EAST_HAMPTON___DIESEL 23722	28.44 2.02 -2.66	26.52 1.99 0.00	27.24 2.45 -1.50	30.08 2.68 -3.30	33.90 2.27 -10.78	33.20 2.86 0.00	33.55 2.41 0.00	33.25 2.55 0.00	24.38 2.47 0.00	34.96 2.56 -11.41	26.14 2.23 -2.53	31.95 2.25 0.00	28.89 1.45 0.00	33.18 0.59 0.00	33.43 0.11 0.00	31.64 0.49 0.00	34.83 0.43 0.00	40.11 -0.46 0.13	47.27 0.82 0.00	33.09 0.82 0.00	33.06 0.98 0.00	30.41 1.03 0.00	25.21 0.93 0.00	21.33 0.82 0.00
EAST_POINT___SOLAR 323840	25.24 1.48 0.00	25.98 1.45 0.00	24.63 1.34 0.00	25.51 1.40 0.00	22.07 1.22 0.00	32.16 1.83 0.00	33.03 1.90 0.00	32.43 1.73 0.00	22.69 0.77 0.00	21.53 0.54 0.00	21.82 0.45 0.00	30.25 0.56 0.00	27.97 0.53 0.00	33.85 1.26 0.00	35.23 1.92 0.00	33.19 2.05 0.00	36.76 2.35 0.00	43.54 2.84 0.00	49.53 3.08 0.00	34.36 2.08 0.00	34.02 1.95 0.00	31.08 1.70 0.00	25.71 1.43 0.00	21.66 1.16 0.00
EAST_PULASKI___ESR 323781	23.41 -0.34 0.00	24.17 -0.36 0.00	22.94 -0.36 0.00	23.74 -0.37 0.00	20.49 -0.36 0.00	29.87 -0.46 0.00	30.49 -0.64 0.00	30.10 -0.60 0.00	21.49 -0.43 0.00	20.46 -0.52 0.00	20.88 -0.50 0.00	29.07 -0.63 0.00	27.02 -0.42 0.00	32.24 -0.36 0.00	33.00 -0.31 0.00	30.93 -0.21 0.00	34.15 -0.26 0.00	40.10 -0.60 0.00	45.67 -0.78 0.00	31.66 -0.61 0.00	31.39 -0.69 0.00	28.79 -0.58 0.00	23.83 -0.45 0.00	20.03 -0.47 0.00
EAST_RIVER___1 323558	24.85 1.09 0.00	25.68 1.15 0.00	24.49 1.20 0.00	25.35 1.24 0.00	21.86 1.02 0.00	31.77 1.44 0.00	32.57 1.44 0.00	32.13 1.43 0.00	23.13 1.22 0.00	22.23 1.25 0.00	22.62 1.25 0.00	31.25 1.55 0.00	28.87 1.43 0.00	34.06 1.47 0.00	34.67 1.36 0.00	32.32 1.18 0.00	35.86 1.45 0.00	42.79 2.09 0.00	49.15 2.70 0.00	34.00 1.73 0.00	33.86 1.78 0.00	31.12 1.75 0.00	25.66 1.39 0.00	21.63 1.13 0.00
EAST_RIVER___2 323559	24.91 1.15 0.00	25.74 1.21 0.00	24.55 1.26 0.00	25.41 1.30 0.00	21.90 1.06 0.00	31.79 1.45 0.00	32.59 1.45 0.00	32.16 1.45 0.00	23.15 1.24 0.00	22.25 1.27 0.00	22.66 1.28 0.00	31.30 1.60 0.00	28.92 1.48 0.00	34.12 1.53 0.00	34.72 1.41 0.00	32.37 1.23 0.00	35.94 1.53 0.00	42.88 2.18 0.00	49.27 2.81 0.00	34.07 1.80 0.00	33.93 1.85 0.00	31.19 1.82 0.00	25.72 1.44 0.00	21.67 1.17 0.00
EAST___DELAWARE_HYD 23607	24.84 1.08 0.00	25.68 1.14 0.00	24.43 1.14 0.00	25.30 1.19 0.00	21.84 1.00 0.00	31.79 1.45 0.00	32.62 1.48 0.00	32.20 1.49 0.00	23.09 1.18 0.00	22.11 1.13 0.00	22.47 1.10 0.00	31.14 1.44 0.00	28.80 1.36 0.00	33.97 1.38 0.00	34.69 1.38 0.00	32.44 1.30 0.00	35.99 1.59 0.00	42.89 2.20 0.00	49.20 2.75 0.00	34.07 1.79 0.00	33.84 1.76 0.00	31.02 1.64 0.00	25.57 1.29 0.00	21.54 1.04 0.00
EIGHT_POINT___WT_PWR 323820	21.94 -1.82 0.00	22.40 -2.13 0.00	21.07 -2.23 0.00	21.59 -2.52 0.00	18.81 -2.04 0.00	27.31 -3.03 0.00	28.25 -2.89 0.00	27.79 -2.91 0.00	19.79 -2.13 0.00	19.14 -1.84 0.00	19.81 -1.57 0.00	28.33 -1.36 0.00	26.32 -1.12 0.00	30.21 -2.39 0.00	30.69 -2.62 0.00	28.84 -2.30 0.00	31.45 -2.95 0.00	37.27 -3.43 0.00	42.24 -4.21 0.00	29.27 -3.00 0.00	28.79 -3.29 0.00	26.45 -2.92 0.00	21.93 -2.35 0.00	18.71 -1.79 0.00
ELBRIDGE_115KV_TB2 80188	23.30 -0.45 0.00	24.01 -0.52 0.00	22.79 -0.50 0.00	23.59 -0.52 0.00	20.42 -0.43 0.00	29.76 -0.57 0.00	30.56 -0.58 0.00	30.15 -0.55 0.00	21.50 -0.41 0.00	20.54 -0.44 0.00	20.92 -0.45 0.00	29.14 -0.56 0.00	26.96 -0.48 0.00	32.00 -0.59 0.00	32.74 -0.57 0.00	30.62 -0.52 0.00	33.82 -0.59 0.00	40.04 -0.66 0.00	45.78 -0.67 0.00	31.76 -0.51 0.00	31.51 -0.57 0.00	28.83 -0.55 0.00	23.81 -0.46 0.00	20.10 -0.40 0.00
ELEC_TRO_TEK 24086	27.79 1.37 -2.66	25.90 1.37 0.00	26.29 1.50 -1.50	28.96 1.55 -3.30	32.92 1.29 -10.78	32.03 1.70 0.00	32.62 1.49 0.00	32.24 1.53 0.00	23.37 1.45 0.00	33.90 1.50 -11.41	25.39 1.48 -2.53	31.46 1.76 0.00	29.02 1.58 0.00	33.80 1.21 0.00	34.31 1.00 0.00	32.14 1.00 0.00	35.56 1.16 0.00	42.16 1.46 0.00	48.63 2.19 0.00	33.82 1.55 0.00	33.75 1.67 0.00	31.05 1.68 0.00	25.75 1.47 0.00	21.80 1.30 0.00

ELLENBURG_WT_PWR 323604	24.10 0.34 0.00	24.93 0.39 0.00	23.65 0.36 0.00	24.50 0.39 0.00	21.18 0.34 0.00	30.76 0.43 0.00	31.56 0.42 0.00	31.08 0.38 0.00	22.11 0.19 0.00	21.20 0.22 0.00	21.62 0.24 0.00	30.22 0.52 0.00	28.07 0.63 0.00	33.54 0.94 0.00	34.23 0.92 0.00	32.05 0.91 0.00	35.10 0.70 0.00	41.11 0.41 0.00	45.94 -0.51 0.00	32.52 0.24 0.00	32.46 0.38 0.00	29.75 0.37 0.00	24.58 0.31 0.00	20.76 0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.53 -1.23 0.00	22.80 -1.73 0.00	21.74 -1.55 0.00	22.36 -1.75 0.00	19.40 -1.44 0.00	28.43 -1.91 0.00	29.29 -1.85 0.00	28.82 -1.88 0.00	20.47 -1.45 0.00	19.61 -1.37 0.00	20.03 -1.35 0.00	28.35 -1.34 0.00	26.26 -1.18 0.00	30.82 -1.77 0.00	31.41 -1.90 0.00	29.21 -1.93 0.00	32.36 -2.05 0.00	37.95 -2.75 0.00	43.06 -3.40 0.00	29.96 -2.31 0.00	29.52 -2.56 0.00	26.94 -2.44 0.00	22.49 -1.79 0.00	19.22 -1.29 0.00
EMPIRE_CC_1 323656	24.46 0.70 0.00	25.35 0.82 0.00	24.09 0.79 0.00	24.90 0.79 0.00	21.51 0.67 0.00	31.32 0.98 0.00	32.15 1.02 0.00	31.75 1.04 0.00	22.69 0.78 0.00	21.74 0.76 0.00	22.06 0.69 0.00	30.31 0.61 0.00	28.01 0.57 0.00	33.36 0.76 0.00	34.18 0.86 0.00	32.01 0.87 0.00	35.41 1.00 0.00	41.89 1.19 0.00	47.97 1.52 0.00	33.33 1.06 0.00	33.20 1.12 0.00	30.41 1.04 0.00	25.12 0.84 0.00	21.21 0.71 0.00
EMPIRE_CC_2 323658	24.46 0.70 0.00	25.35 0.82 0.00	24.09 0.79 0.00	24.90 0.79 0.00	21.51 0.67 0.00	31.32 0.98 0.00	32.15 1.02 0.00	31.75 1.04 0.00	22.69 0.78 0.00	21.74 0.76 0.00	22.06 0.69 0.00	30.31 0.61 0.00	28.01 0.57 0.00	33.36 0.76 0.00	34.18 0.86 0.00	32.01 0.87 0.00	35.41 1.00 0.00	41.89 1.19 0.00	47.97 1.52 0.00	33.33 1.06 0.00	33.20 1.12 0.00	30.41 1.04 0.00	25.12 0.84 0.00	21.21 0.71 0.00
ENORWICH_115KV_TB1 80156	24.78 1.02 0.00	25.43 0.91 0.00	23.87 0.58 0.00	24.63 0.52 0.00	21.29 0.44 0.00	30.92 0.59 0.00	31.72 0.59 0.00	31.30 0.60 0.00	22.25 0.34 0.00	21.08 0.10 0.00	21.34 -0.03 0.00	30.00 0.31 0.00	28.20 0.76 0.00	33.56 0.96 0.00	34.50 1.19 0.00	32.30 1.16 0.00	35.54 1.13 0.00	42.09 1.39 0.00	47.90 1.44 0.00	33.18 0.91 0.00	32.84 0.76 0.00	29.85 0.47 0.00	24.64 0.36 0.00	21.04 0.53 0.00
ERIE_ST_34_KV_TB1-2 80199	23.04 -0.72 0.00	23.38 -1.15 0.00	22.29 -1.01 0.00	22.93 -1.18 0.00	19.89 -0.95 0.00	29.13 -1.20 0.00	29.98 -1.16 0.00	29.51 -1.19 0.00	20.99 -0.93 0.00	20.14 -0.84 0.00	20.57 -0.80 0.00	29.10 -0.60 0.00	26.91 -0.52 0.00	31.61 -0.99 0.00	32.22 -1.10 0.00	29.97 -1.17 0.00	33.14 -1.26 0.00	39.01 -1.69 0.00	44.36 -2.10 0.00	30.82 -1.45 0.00	30.34 -1.74 0.00	27.70 -1.67 0.00	23.08 -1.20 0.00	19.70 -0.80 0.00
ERIE_WT_PWR 323693	22.67 -1.09 0.00	22.97 -1.56 0.00	21.88 -1.41 0.00	22.51 -1.60 0.00	19.54 -1.30 0.00	28.62 -1.72 0.00	29.48 -1.66 0.00	29.00 -1.70 0.00	20.61 -1.31 0.00	19.75 -1.23 0.00	20.18 -1.20 0.00	28.57 -1.13 0.00	26.48 -0.96 0.00	31.04 -1.56 0.00	31.61 -1.71 0.00	29.39 -1.75 0.00	32.53 -1.87 0.00	38.28 -2.42 0.00	43.34 -3.11 0.00	30.15 -2.13 0.00	29.68 -2.39 0.00	27.11 -2.26 0.00	22.61 -1.67 0.00	19.31 -1.19 0.00
ESPRGFLD_115KV_TB1 80157	24.55 0.79 0.00	25.25 0.72 0.00	23.92 0.63 0.00	24.76 0.65 0.00	21.40 0.56 0.00	31.16 0.83 0.00	31.94 0.81 0.00	31.48 0.78 0.00	22.38 0.47 0.00	21.39 0.41 0.00	21.84 0.46 0.00	30.55 0.86 0.00	28.31 0.86 0.00	33.71 1.12 0.00	34.53 1.21 0.00	32.20 1.06 0.00	35.52 1.11 0.00	42.05 1.36 0.00	47.91 1.46 0.00	33.23 0.96 0.00	32.95 0.87 0.00	30.08 0.71 0.00	24.91 0.63 0.00	21.06 0.55 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.83 0.07 0.00	24.55 0.02 0.00	23.27 -0.03 0.00	24.08 -0.02 0.00	20.83 -0.01 0.00	30.36 0.03 0.00	31.17 0.03 0.00	30.75 0.04 0.00	21.92 0.00 0.00	20.84 -0.14 0.00	21.20 -0.18 0.00	29.66 -0.04 0.00	27.50 0.06 0.00	32.69 0.09 0.00	33.44 0.13 0.00	31.31 0.17 0.00	34.60 0.20 0.00	41.02 0.32 0.00	46.88 0.43 0.00	32.50 0.23 0.00	32.20 0.13 0.00	29.43 0.06 0.00	24.28 0.01 0.00	20.52 0.02 0.00
ETNA____115KV_TB2 80207	23.83 0.07 0.00	24.55 0.02 0.00	23.27 -0.03 0.00	24.08 -0.02 0.00	20.83 -0.01 0.00	30.36 0.03 0.00	31.17 0.03 0.00	30.75 0.04 0.00	21.92 0.00 0.00	20.84 -0.14 0.00	21.20 -0.18 0.00	29.66 -0.04 0.00	27.50 0.06 0.00	32.69 0.09 0.00	33.44 0.13 0.00	31.31 0.17 0.00	34.60 0.20 0.00	41.02 0.32 0.00	46.88 0.43 0.00	32.50 0.23 0.00	32.20 0.13 0.00	29.43 0.06 0.00	24.28 0.01 0.00	20.52 0.02 0.00
EUCLID____115KV_TB2 356179	23.22 -0.54 0.00	23.93 -0.60 0.00	22.71 -0.58 0.00	23.51 -0.60 0.00	20.33 -0.51 0.00	29.62 -0.72 0.00	30.40 -0.73 0.00	29.99 -0.72 0.00	21.39 -0.52 0.00	20.44 -0.54 0.00	20.83 -0.54 0.00	29.02 -0.68 0.00	26.85 -0.59 0.00	31.89 -0.71 0.00	32.59 -0.72 0.00	30.46 -0.68 0.00	33.69 -0.72 0.00	39.84 -0.86 0.00	45.49 -0.97 0.00	31.56 -0.71 0.00	31.33 -0.75 0.00	28.67 -0.71 0.00	23.70 -0.58 0.00	20.02 -0.48 0.00
E_CANADA_CAP_HY 24051	24.90 1.13 0.00	25.61 1.08 0.00	24.29 1.00 0.00	25.15 1.04 0.00	21.74 0.90 0.00	31.67 1.34 0.00	32.48 1.34 0.00	31.96 1.26 0.00	22.58 0.66 0.00	21.51 0.53 0.00	21.89 0.52 0.00	30.62 0.92 0.00	28.35 0.91 0.00	33.98 1.39 0.00	34.99 1.67 0.00	32.72 1.59 0.00	36.10 1.70 0.00	42.68 1.98 0.00	48.50 2.05 0.00	33.67 1.39 0.00	33.38 1.30 0.00	30.52 1.15 0.00	25.31 1.04 0.00	21.37 0.87 0.00
E_CANADA_MHWK_HY 24050	24.25 0.49 0.00	25.12 0.59 0.00	23.81 0.52 0.00	24.62 0.51 0.00	21.26 0.42 0.00	30.94 0.60 0.00	31.84 0.70 0.00	31.37 0.67 0.00	22.18 0.27 0.00	21.15 0.17 0.00	21.40 0.02 0.00	29.60 -0.10 0.00	27.22 -0.22 0.00	32.60 0.01 0.00	33.58 0.27 0.00	31.68 0.54 0.00	34.87 0.46 0.00	41.53 0.83 0.00	47.43 0.98 0.00	32.93 0.66 0.00	32.76 0.68 0.00	30.00 0.63 0.00	24.83 0.55 0.00	20.95 0.45 0.00
E_FISHKILL____LBMP 23776	24.59 0.83 0.00	25.43 0.90 0.00	24.23 0.93 0.00	25.08 0.97 0.00	21.64 0.80 0.00	31.46 1.13 0.00	32.26 1.13 0.00	31.83 1.13 0.00	22.86 0.94 0.00	21.94 0.96 0.00	22.33 0.95 0.00	30.86 1.16 0.00	28.48 1.04 0.00	33.65 1.06 0.00	34.29 0.97 0.00	32.01 0.87 0.00	35.48 1.07 0.00	42.32 1.62 0.00	48.53 2.08 0.00	33.62 1.35 0.00	33.45 1.37 0.00	30.71 1.34 0.00	25.34 1.06 0.00	21.36 0.86 0.00
FALCON____SEABRD_CC1 323796	24.23 0.47 0.00	25.09 0.56 0.00	23.83 0.54 0.00	24.65 0.54 0.00	21.34 0.50 0.00	30.98 0.64 0.00	31.82 0.68 0.00	31.32 0.61 0.00	22.24 0.32 0.00	21.30 0.32 0.00	21.72 0.34 0.00	30.33 0.64 0.00	28.22 0.78 0.00	33.76 1.17 0.00	34.44 1.13 0.00	32.28 1.14 0.00	35.17 0.76 0.00	41.19 0.49 0.00	45.98 -0.47 0.00	32.65 0.38 0.00	32.61 0.53 0.00	29.88 0.51 0.00	24.70 0.42 0.00	20.89 0.38 0.00

FALCON___SEABRD_CC2 323797	24.23 0.47 0.00	25.09 0.56 0.00	23.83 0.54 0.00	24.65 0.54 0.00	21.34 0.50 0.00	30.98 0.64 0.00	31.82 0.68 0.00	31.32 0.61 0.00	22.24 0.32 0.00	21.30 0.32 0.00	21.72 0.34 0.00	30.33 0.64 0.00	28.22 0.78 0.00	33.76 1.17 0.00	34.44 1.13 0.00	32.28 1.14 0.00	35.17 0.76 0.00	41.19 0.49 0.00	45.98 -0.47 0.00	32.65 0.38 0.00	32.61 0.53 0.00	29.88 0.51 0.00	24.70 0.42 0.00	20.89 0.38 0.00
FAR ROCKAWAY___4 23548	28.05 1.63 -2.66	26.16 1.62 0.00	26.53 1.74 -1.50	29.21 1.80 -3.30	33.13 1.50 -10.78	32.35 2.01 0.00	32.94 1.81 0.00	32.55 1.85 0.00	23.59 1.68 0.00	34.13 1.73 -11.41	25.62 1.71 -2.53	31.80 2.10 0.00	29.34 1.90 0.00	34.15 1.56 0.00	34.69 1.38 0.00	32.51 1.37 0.00	35.95 1.55 0.00	42.56 1.76 -0.10	49.13 2.67 0.00	34.22 1.94 0.00	34.12 2.04 0.00	31.38 2.01 0.00	26.01 1.74 0.00	22.03 1.53 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.85 1.09 0.00	25.68 1.16 0.00	24.49 1.20 0.00	25.35 1.24 0.00	21.87 1.03 0.00	31.79 1.46 0.00	32.60 1.46 0.00	32.16 1.46 0.00	23.15 1.23 0.00	22.24 1.26 0.00	22.64 1.27 0.00	31.27 1.58 0.00	28.89 1.45 0.00	34.07 1.48 0.00	34.69 1.38 0.00	32.34 1.20 0.00	35.87 1.47 0.00	42.84 2.14 0.00	49.18 2.72 0.00	34.02 1.74 0.00	33.86 1.78 0.00	31.12 1.75 0.00	25.67 1.39 0.00	21.63 1.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.01 1.25 0.00	25.84 1.31 0.00	24.63 1.34 0.00	25.49 1.38 0.00	21.95 1.10 0.00	31.76 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.22 1.24 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.65 1.33 0.00	32.29 1.16 0.00	35.83 1.42 0.00	42.79 2.09 0.00	49.12 2.67 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.84 1.08 0.00	25.68 1.15 0.00	24.48 1.19 0.00	25.34 1.23 0.00	21.87 1.03 0.00	31.78 1.44 0.00	32.58 1.45 0.00	32.14 1.44 0.00	23.14 1.22 0.00	22.23 1.26 0.00	22.63 1.25 0.00	31.26 1.57 0.00	28.87 1.43 0.00	34.07 1.47 0.00	34.67 1.36 0.00	32.32 1.18 0.00	35.85 1.44 0.00	42.83 2.13 0.00	49.14 2.69 0.00	34.00 1.73 0.00	33.84 1.76 0.00	31.10 1.73 0.00	25.65 1.38 0.00	21.62 1.12 0.00
FARRAGUT___LBMP 323566	24.82 1.06 0.00	25.66 1.13 0.00	24.47 1.17 0.00	25.33 1.22 0.00	21.85 1.01 0.00	31.76 1.43 0.00	32.57 1.43 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.22 1.24 0.00	22.61 1.24 0.00	31.24 1.54 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.65 1.33 0.00	32.29 1.16 0.00	35.83 1.42 0.00	42.79 2.09 0.00	49.12 2.67 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.09 1.72 0.00	25.64 1.36 0.00	21.61 1.11 0.00
FENNER___WINDPWR 24204	24.01 0.25 0.00	24.77 0.24 0.00	23.51 0.22 0.00	24.32 0.21 0.00	21.03 0.19 0.00	30.64 0.30 0.00	31.46 0.32 0.00	31.01 0.31 0.00	22.08 0.16 0.00	21.07 0.08 0.00	21.42 0.04 0.00	29.85 0.15 0.00	27.62 0.19 0.00	32.97 0.37 0.00	33.85 0.54 0.00	31.69 0.54 0.00	34.99 0.58 0.00	41.29 0.59 0.00	47.05 0.60 0.00	32.64 0.36 0.00	32.37 0.29 0.00	29.64 0.27 0.00	24.47 0.20 0.00	20.63 0.13 0.00
FIBERTEK___ENERGY 23856	23.44 -0.32 0.00	24.16 -0.37 0.00	22.93 -0.37 0.00	23.73 -0.38 0.00	20.54 -0.30 0.00	29.92 -0.41 0.00	30.72 -0.42 0.00	30.30 -0.39 0.00	21.61 -0.31 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.39 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.94 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.31 -0.39 0.00	46.03 -0.42 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.40 0.00	23.94 -0.34 0.00	20.22 -0.28 0.00
FITZPATRICK____ 23598	22.94 -0.82 0.00	23.65 -0.88 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.04 -1.10 0.00	29.63 -1.08 0.00	21.14 -0.77 0.00	20.23 -0.76 0.00	20.61 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.20 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.35 -1.35 0.00	44.90 -1.55 0.00	31.18 -1.09 0.00	30.94 -1.14 0.00	28.32 -1.05 0.00	23.42 -0.86 0.00	19.79 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	28.14 1.72 -2.66	26.15 1.62 0.00	26.67 1.88 -1.50	29.39 1.99 -3.30	33.30 1.67 -10.78	32.42 2.09 0.00	32.83 1.70 0.00	32.50 1.79 0.00	23.72 1.81 0.00	34.28 1.88 -11.41	25.67 1.76 -2.53	31.69 1.99 0.00	29.19 1.75 0.00	33.74 1.15 0.00	34.18 0.87 0.00	32.24 1.10 0.00	35.58 1.17 0.00	41.84 1.27 0.13	48.55 2.10 0.00	33.95 1.67 0.00	33.95 1.87 0.00	31.22 1.85 0.00	25.96 1.68 0.00	22.00 1.50 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.86 1.10 0.00	25.70 1.17 0.00	24.47 1.17 0.00	25.33 1.22 0.00	21.86 1.02 0.00	31.79 1.46 0.00	32.62 1.49 0.00	32.20 1.50 0.00	23.12 1.20 0.00	22.18 1.20 0.00	22.57 1.19 0.00	31.20 1.50 0.00	28.81 1.37 0.00	34.06 1.46 0.00	34.74 1.42 0.00	32.42 1.28 0.00	35.98 1.57 0.00	42.90 2.21 0.00	49.18 2.73 0.00	34.07 1.79 0.00	33.86 1.79 0.00	31.06 1.68 0.00	25.61 1.33 0.00	21.58 1.08 0.00
FORT ORANGE____ 23900	24.66 0.90 0.00	25.53 1.00 0.00	24.24 0.95 0.00	25.09 0.98 0.00	21.68 0.83 0.00	31.56 1.23 0.00	32.42 1.28 0.00	32.00 1.30 0.00	22.85 0.93 0.00	21.84 0.86 0.00	22.17 0.80 0.00	30.57 0.87 0.00	28.22 0.77 0.00	33.58 0.99 0.00	34.47 1.16 0.00	32.35 1.21 0.00	35.81 1.40 0.00	42.43 1.73 0.00	48.53 2.08 0.00	33.70 1.43 0.00	33.52 1.44 0.00	30.68 1.31 0.00	25.31 1.04 0.00	21.35 0.85 0.00
FORT_DRUM_COGEN 23780	24.26 0.50 0.00	25.16 0.63 0.00	23.81 0.52 0.00	24.67 0.56 0.00	21.22 0.38 0.00	31.06 0.73 0.00	31.37 0.23 0.00	30.96 0.25 0.00	22.02 0.10 0.00	20.78 -0.20 0.00	21.22 -0.16 0.00	29.64 -0.06 0.00	27.80 0.36 0.00	33.55 0.96 0.00	34.50 1.19 0.00	32.53 1.39 0.00	35.83 1.43 0.00	41.30 0.60 0.00	46.81 0.36 0.00	32.37 0.09 0.00	31.94 -0.14 0.00	29.56 0.18 0.00	24.46 0.18 0.00	20.28 -0.23 0.00
FOX_HILLS___ESR 323835	24.73 0.97 0.00	25.54 1.01 0.00	24.34 1.05 0.00	25.20 1.09 0.00	21.75 0.91 0.00	31.63 1.30 0.00	32.44 1.30 0.00	32.01 1.31 0.00	23.04 1.13 0.00	22.11 1.13 0.00	22.50 1.13 0.00	31.12 1.43 0.00	28.72 1.28 0.00	33.89 1.30 0.00	34.49 1.18 0.00	32.11 0.97 0.00	35.64 1.23 0.00	42.60 1.90 0.00	48.92 2.47 0.00	33.86 1.59 0.00	33.74 1.66 0.00	30.99 1.62 0.00	25.56 1.28 0.00	21.53 1.03 0.00
FPL FAR_ROCK_GT1 24212	28.05 1.63 -2.66	26.16 1.62 0.00	26.53 1.74 -1.50	29.21 1.80 -3.30	33.13 1.50 -10.78	32.34 2.01 0.00	32.94 1.80 0.00	32.55 1.84 0.00	23.59 1.68 0.00	34.13 1.73 -11.41	25.62 1.71 -2.53	31.80 2.10 0.00	29.34 1.90 0.00	34.15 1.56 0.00	34.69 1.38 0.00	32.51 1.37 0.00	35.95 1.55 0.00	42.40 1.59 -0.10	49.13 2.67 0.00	34.21 1.94 0.00	34.12 2.04 0.00	31.38 2.00 0.00	26.01 1.74 0.00	22.04 1.54 0.00

FPL FAR_ROCK_GT2 23815	28.05 1.63 -2.66	26.16 1.62 0.00	26.53 1.74 -1.50	29.21 1.80 -3.30	33.13 1.50 -10.78	32.34 2.01 0.00	32.94 1.80 0.00	32.55 1.84 0.00	23.59 1.68 0.00	34.13 1.73 -11.41	25.62 1.71 -2.53	31.80 2.10 0.00	29.34 1.90 0.00	34.15 1.56 0.00	34.69 1.38 0.00	32.51 1.37 0.00	35.95 1.55 0.00	42.40 1.59 -0.10	49.13 2.67 0.00	34.21 1.94 0.00	34.12 2.04 0.00	31.38 2.00 0.00	26.01 1.74 0.00	22.04 1.54 0.00
FRANKLIN_FALL_HYD 24054	24.74 0.98 0.00	25.56 1.03 0.00	24.20 0.91 0.00	25.07 0.96 0.00	21.65 0.81 0.00	31.51 1.18 0.00	32.30 1.17 0.00	31.85 1.15 0.00	22.59 0.67 0.00	21.52 0.54 0.00	21.91 0.54 0.00	30.82 1.12 0.00	28.65 1.21 0.00	34.29 1.69 0.00	35.08 1.77 0.00	32.94 1.80 0.00	36.20 1.80 0.00	42.36 1.66 0.00	47.41 0.96 0.00	33.38 1.10 0.00	33.22 1.14 0.00	30.44 1.06 0.00	25.14 0.86 0.00	21.13 0.62 0.00
FREEPORT_EQUS_GT1 23764	27.95 1.53 -2.66	26.05 1.52 0.00	26.43 1.65 -1.50	29.12 1.71 -3.30	33.06 1.42 -10.78	32.20 1.86 0.00	32.76 1.63 0.00	32.38 1.68 0.00	23.50 1.58 0.00	34.04 1.64 -11.41	25.53 1.62 -2.53	31.63 1.93 0.00	29.19 1.75 0.00	33.93 1.33 0.00	34.42 1.11 0.00	32.26 1.12 0.00	35.69 1.28 0.00	42.05 1.40 0.04	48.80 2.35 0.00	33.95 1.68 0.00	33.90 1.82 0.00	31.20 1.83 0.00	25.89 1.61 0.00	21.93 1.43 0.00
FREEPORT___CT2 23818	27.95 1.53 -2.66	26.05 1.52 0.00	26.43 1.65 -1.50	29.12 1.71 -3.30	33.06 1.42 -10.78	32.20 1.86 0.00	32.76 1.63 0.00	32.38 1.68 0.00	23.50 1.58 0.00	34.04 1.64 -11.41	25.53 1.62 -2.53	31.63 1.93 0.00	29.19 1.75 0.00	33.93 1.33 0.00	34.42 1.11 0.00	32.26 1.12 0.00	35.69 1.28 0.00	42.05 1.40 0.04	48.80 2.35 0.00	33.95 1.68 0.00	33.90 1.82 0.00	31.20 1.83 0.00	25.89 1.61 0.00	21.93 1.43 0.00
FRESHKLS_33_KV_LOAD 356253	24.69 0.93 0.00	25.50 0.96 0.00	24.30 1.01 0.00	25.16 1.05 0.00	21.72 0.88 0.00	31.60 1.26 0.00	32.41 1.27 0.00	31.98 1.28 0.00	23.01 1.09 0.00	22.05 1.07 0.00	22.45 1.08 0.00	31.05 1.36 0.00	28.65 1.21 0.00	33.82 1.22 0.00	34.42 1.10 0.00	32.05 0.90 0.00	35.60 1.19 0.00	42.55 1.85 0.00	48.87 2.42 0.00	33.84 1.56 0.00	33.68 1.61 0.00	30.94 1.57 0.00	25.53 1.25 0.00	21.51 1.01 0.00
FULTON COGEN____ 23766	23.16 -0.60 0.00	23.88 -0.65 0.00	22.66 -0.63 0.00	23.46 -0.65 0.00	20.29 -0.55 0.00	29.54 -0.79 0.00	30.32 -0.81 0.00	29.92 -0.79 0.00	21.34 -0.57 0.00	20.37 -0.61 0.00	20.76 -0.62 0.00	28.90 -0.79 0.00	26.77 -0.67 0.00	31.81 -0.78 0.00	32.53 -0.79 0.00	30.42 -0.72 0.00	33.66 -0.75 0.00	39.81 -0.89 0.00	45.43 -1.02 0.00	31.52 -0.75 0.00	31.27 -0.81 0.00	28.61 -0.77 0.00	23.65 -0.63 0.00	19.97 -0.53 0.00
FULTON___LFGE 323630	25.03 1.27 0.00	25.79 1.27 0.00	24.46 1.17 0.00	25.33 1.23 0.00	21.90 1.06 0.00	31.90 1.57 0.00	32.76 1.63 0.00	32.21 1.51 0.00	22.61 0.70 0.00	21.47 0.49 0.00	21.72 0.34 0.00	30.44 0.74 0.00	28.05 0.60 0.00	33.79 1.19 0.00	34.97 1.66 0.00	32.89 1.75 0.00	36.41 2.01 0.00	43.12 2.42 0.00	49.09 2.64 0.00	34.06 1.79 0.00	33.78 1.71 0.00	30.87 1.50 0.00	25.53 1.25 0.00	21.53 1.02 0.00
G.F.CEMENT___DRP 24184	25.34 1.58 0.00	26.28 1.75 0.00	24.93 1.64 0.00	25.78 1.67 0.00	22.31 1.46 0.00	32.53 2.20 0.00	33.49 2.35 0.00	33.06 2.35 0.00	23.44 1.52 0.00	22.38 1.39 0.00	22.66 1.29 0.00	31.21 1.51 0.00	28.72 1.28 0.00	34.20 1.61 0.00	34.97 1.66 0.00	32.90 1.76 0.00	36.50 2.09 0.00	43.09 2.39 0.00	49.22 2.77 0.00	34.25 1.98 0.00	33.93 1.85 0.00	31.00 1.63 0.00	25.62 1.34 0.00	21.59 1.09 0.00
GARDENVILLE___LBMP 24039	22.58 -1.18 0.00	22.86 -1.67 0.00	21.80 -1.50 0.00	22.41 -1.70 0.00	19.44 -1.40 0.00	28.49 -1.85 0.00	29.36 -1.78 0.00	28.88 -1.82 0.00	20.51 -1.40 0.00	19.67 -1.32 0.00	20.10 -1.28 0.00	28.46 -1.24 0.00	26.35 -1.09 0.00	30.90 -1.69 0.00	31.48 -1.83 0.00	29.29 -1.85 0.00	32.42 -1.98 0.00	38.04 -2.66 0.00	43.17 -3.28 0.00	30.04 -2.24 0.00	29.59 -2.49 0.00	27.02 -2.36 0.00	22.53 -1.75 0.00	19.26 -1.25 0.00
GARDNVLA_35_KV_LD 355827	22.69 -1.07 0.00	22.98 -1.54 0.00	21.90 -1.39 0.00	22.53 -1.58 0.00	19.55 -1.30 0.00	28.64 -1.70 0.00	29.50 -1.64 0.00	29.03 -1.67 0.00	20.62 -1.30 0.00	19.77 -1.21 0.00	20.20 -1.18 0.00	28.61 -1.09 0.00	26.50 -0.94 0.00	31.07 -1.52 0.00	31.65 -1.66 0.00	29.45 -1.69 0.00	32.61 -1.80 0.00	38.26 -2.43 0.00	43.44 -3.01 0.00	30.21 -2.06 0.00	29.75 -2.33 0.00	27.16 -2.22 0.00	22.65 -1.63 0.00	19.36 -1.14 0.00
GELCKHM___115KV_LOAD 80723	23.30 -0.46 0.00	24.01 -0.52 0.00	22.79 -0.50 0.00	23.59 -0.51 0.00	20.42 -0.43 0.00	29.73 -0.60 0.00	30.53 -0.61 0.00	30.11 -0.60 0.00	21.48 -0.44 0.00	20.52 -0.46 0.00	20.91 -0.47 0.00	29.13 -0.56 0.00	26.96 -0.48 0.00	32.01 -0.58 0.00	32.72 -0.59 0.00	30.59 -0.55 0.00	33.83 -0.57 0.00	40.03 -0.67 0.00	45.69 -0.76 0.00	31.72 -0.56 0.00	31.47 -0.61 0.00	28.78 -0.59 0.00	23.79 -0.48 0.00	20.10 -0.41 0.00
GENERAL___MILLS 23808	22.66 -1.10 0.00	22.95 -1.58 0.00	21.88 -1.42 0.00	22.50 -1.60 0.00	19.52 -1.32 0.00	28.60 -1.73 0.00	29.46 -1.67 0.00	29.00 -1.71 0.00	20.59 -1.33 0.00	19.75 -1.24 0.00	20.17 -1.21 0.00	28.57 -1.13 0.00	26.45 -0.99 0.00	31.02 -1.57 0.00	31.60 -1.71 0.00	29.40 -1.74 0.00	32.55 -1.85 0.00	38.20 -2.50 0.00	43.36 -3.09 0.00	30.16 -2.11 0.00	29.70 -2.38 0.00	27.12 -2.26 0.00	22.62 -1.65 0.00	19.33 -1.17 0.00
GE_PLASTICS___DRP 24183	24.42 0.66 0.00	25.29 0.76 0.00	24.01 0.71 0.00	24.85 0.74 0.00	21.47 0.63 0.00	31.24 0.91 0.00	32.08 0.94 0.00	31.65 0.95 0.00	22.61 0.69 0.00	21.65 0.67 0.00	22.01 0.63 0.00	30.38 0.68 0.00	28.04 0.60 0.00	33.34 0.74 0.00	34.16 0.84 0.00	31.99 0.85 0.00	35.38 0.97 0.00	41.92 1.23 0.00	47.96 1.51 0.00	33.31 1.03 0.00	33.13 1.06 0.00	30.35 0.98 0.00	25.06 0.78 0.00	21.14 0.64 0.00
GILBOA___1 23756	24.18 0.42 0.00	25.08 0.55 0.00	23.76 0.47 0.00	24.68 0.57 0.00	21.31 0.47 0.00	30.91 0.57 0.00	31.72 0.59 0.00	31.29 0.59 0.00	22.35 0.43 0.00	21.46 0.48 0.00	21.90 0.53 0.00	30.31 0.62 0.00	27.90 0.45 0.00	33.09 0.49 0.00	33.81 0.49 0.00	31.59 0.45 0.00	34.86 0.45 0.00	41.33 0.64 0.00	47.37 0.91 0.00	32.91 0.63 0.00	32.77 0.69 0.00	30.05 0.67 0.00	24.80 0.53 0.00	20.94 0.43 0.00
GILBOA___2 23757	24.18 0.42 0.00	25.08 0.55 0.00	23.76 0.47 0.00	24.68 0.57 0.00	21.31 0.47 0.00	30.91 0.57 0.00	31.72 0.59 0.00	31.29 0.59 0.00	22.35 0.43 0.00	21.46 0.48 0.00	21.90 0.53 0.00	30.31 0.62 0.00	27.90 0.45 0.00	33.09 0.49 0.00	33.81 0.49 0.00	31.59 0.45 0.00	34.86 0.45 0.00	41.33 0.64 0.00	47.37 0.91 0.00	32.91 0.63 0.00	32.77 0.69 0.00	30.05 0.67 0.00	24.80 0.53 0.00	20.94 0.43 0.00

GILBOA___3 23758	24.18 0.42 0.00	25.08 0.55 0.00	23.76 0.47 0.00	24.68 0.57 0.00	21.31 0.47 0.00	30.91 0.57 0.00	31.72 0.59 0.00	31.29 0.59 0.00	22.35 0.43 0.00	21.46 0.48 0.00	21.90 0.53 0.00	30.31 0.62 0.00	27.90 0.45 0.00	33.09 0.49 0.00	33.81 0.49 0.00	31.59 0.45 0.00	34.86 0.45 0.00	41.33 0.64 0.00	47.37 0.91 0.00	32.91 0.63 0.00	32.77 0.69 0.00	30.05 0.67 0.00	24.80 0.53 0.00	20.94 0.43 0.00
GILBOA___4 23759	24.18 0.42 0.00	25.08 0.55 0.00	23.76 0.47 0.00	24.68 0.57 0.00	21.31 0.47 0.00	30.91 0.57 0.00	31.72 0.59 0.00	31.29 0.59 0.00	22.35 0.43 0.00	21.46 0.48 0.00	21.90 0.53 0.00	30.31 0.62 0.00	27.90 0.45 0.00	33.09 0.49 0.00	33.81 0.49 0.00	31.59 0.45 0.00	34.86 0.45 0.00	41.33 0.64 0.00	47.37 0.91 0.00	32.91 0.63 0.00	32.77 0.69 0.00	30.05 0.67 0.00	24.80 0.53 0.00	20.94 0.43 0.00
GILBOA___ 23599	24.18 0.42 0.00	25.08 0.55 0.00	23.76 0.47 0.00	24.67 0.56 0.00	21.31 0.47 0.00	30.91 0.58 0.00	31.72 0.59 0.00	31.29 0.59 0.00	22.35 0.43 0.00	21.46 0.48 0.00	21.90 0.53 0.00	30.31 0.62 0.00	27.90 0.46 0.00	33.09 0.49 0.00	33.81 0.49 0.00	31.59 0.45 0.00	34.86 0.45 0.00	41.34 0.64 0.00	47.37 0.91 0.00	32.91 0.63 0.00	32.77 0.69 0.00	30.05 0.67 0.00	24.80 0.53 0.00	20.93 0.43 0.00
GINNA___ 23603	22.02 -1.74 0.00	22.50 -2.03 0.00	21.41 -1.89 0.00	22.11 -2.00 0.00	19.15 -1.69 0.00	27.97 -2.37 0.00	28.77 -2.37 0.00	28.37 -2.33 0.00	20.15 -1.76 0.00	19.29 -1.69 0.00	19.68 -1.69 0.00	27.63 -2.07 0.00	25.62 -1.82 0.00	30.36 -2.24 0.00	31.03 -2.29 0.00	28.96 -2.18 0.00	32.09 -2.32 0.00	37.87 -2.83 0.00	43.01 -3.45 0.00	29.84 -2.43 0.00	29.50 -2.58 0.00	26.91 -2.46 0.00	22.31 -1.97 0.00	18.92 -1.59 0.00
GLEN PARK___ 23778	24.33 0.57 0.00	25.23 0.70 0.00	23.88 0.58 0.00	24.74 0.63 0.00	21.28 0.44 0.00	31.15 0.82 0.00	31.49 0.35 0.00	31.08 0.37 0.00	22.08 0.16 0.00	20.80 -0.18 0.00	21.26 -0.11 0.00	29.67 -0.02 0.00	27.85 0.41 0.00	33.66 1.07 0.00	34.63 1.32 0.00	32.65 1.51 0.00	35.99 1.58 0.00	41.53 0.83 0.00	47.09 0.64 0.00	32.54 0.27 0.00	32.11 0.03 0.00	29.68 0.30 0.00	24.55 0.28 0.00	20.36 -0.14 0.00
GLENDALE_27_KV_LOAD 356172	24.90 1.14 0.00	25.73 1.20 0.00	24.53 1.23 0.00	25.38 1.27 0.00	21.90 1.06 0.00	31.83 1.49 0.00	32.61 1.47 0.00	32.21 1.50 0.00	23.20 1.29 0.00	22.29 1.31 0.00	22.68 1.30 0.00	31.35 1.65 0.00	28.95 1.51 0.00	34.14 1.55 0.00	34.77 1.45 0.00	32.40 1.26 0.00	35.95 1.54 0.00	42.96 2.26 0.00	49.29 2.83 0.00	34.10 1.83 0.00	33.97 1.89 0.00	31.19 1.82 0.00	25.71 1.43 0.00	21.66 1.16 0.00
GLENWOOD_IC_1_G5 23712	27.74 1.32 -2.66	25.88 1.35 0.00	26.22 1.43 -1.50	28.89 1.48 -3.30	32.86 1.23 -10.78	32.01 1.67 0.00	32.68 1.54 0.00	32.26 1.56 0.00	23.32 1.40 0.00	33.84 1.44 -11.41	25.34 1.43 -2.53	31.44 1.74 0.00	29.03 1.59 0.00	33.97 1.37 0.00	34.53 1.21 0.00	32.29 1.15 0.00	35.77 1.36 0.00	42.49 1.83 0.04	48.95 2.50 0.00	33.97 1.70 0.00	33.86 1.78 0.00	31.13 1.76 0.00	25.76 1.48 0.00	21.77 1.27 0.00
GLENWOOD_IC_2_G1 23688	27.60 1.18 -2.66	25.75 1.22 0.00	26.08 1.29 -1.50	28.74 1.33 -3.30	32.73 1.10 -10.78	31.84 1.51 0.00	32.55 1.42 0.00	32.14 1.44 0.00	23.19 1.28 0.00	33.70 1.30 -11.41	25.20 1.30 -2.53	31.27 1.57 0.00	28.87 1.43 0.00	33.88 1.29 0.00	34.46 1.15 0.00	32.21 1.07 0.00	35.69 1.28 0.00	42.40 1.70 0.00	48.85 2.40 0.00	33.88 1.61 0.00	33.75 1.67 0.00	31.02 1.64 0.00	25.64 1.36 0.00	21.66 1.15 0.00
GLENWOOD_IC_3_G1 23689	27.60 1.18 -2.66	25.75 1.22 0.00	26.08 1.29 -1.50	28.74 1.33 -3.30	32.73 1.10 -10.78	31.84 1.51 0.00	32.55 1.42 0.00	32.14 1.44 0.00	23.19 1.28 0.00	33.70 1.30 -11.41	25.20 1.30 -2.53	31.27 1.57 0.00	28.87 1.43 0.00	33.88 1.29 0.00	34.46 1.15 0.00	32.21 1.07 0.00	35.69 1.28 0.00	42.40 1.70 0.00	48.85 2.40 0.00	33.88 1.61 0.00	33.75 1.67 0.00	31.02 1.64 0.00	25.64 1.36 0.00	21.66 1.15 0.00
GLENWOOD___4 23550	27.74 1.32 -2.66	25.88 1.35 0.00	26.22 1.43 -1.50	28.89 1.48 -3.30	32.86 1.23 -10.78	32.01 1.67 0.00	32.68 1.54 0.00	32.26 1.56 0.00	23.32 1.40 0.00	33.84 1.44 -11.41	25.34 1.43 -2.53	31.44 1.74 0.00	29.03 1.59 0.00	33.97 1.37 0.00	34.53 1.21 0.00	32.29 1.15 0.00	35.77 1.36 0.00	42.49 1.83 0.04	48.95 2.50 0.00	33.97 1.70 0.00	33.86 1.78 0.00	31.13 1.76 0.00	25.76 1.48 0.00	21.77 1.27 0.00
GLENWOOD___5 23614	27.74 1.32 -2.66	25.88 1.35 0.00	26.22 1.43 -1.50	28.89 1.48 -3.30	32.86 1.23 -10.78	32.01 1.67 0.00	32.68 1.54 0.00	32.26 1.56 0.00	23.32 1.40 0.00	33.84 1.44 -11.41	25.34 1.43 -2.53	31.44 1.74 0.00	29.03 1.59 0.00	33.97 1.37 0.00	34.53 1.21 0.00	32.29 1.15 0.00	35.77 1.36 0.00	42.49 1.83 0.04	48.95 2.50 0.00	33.97 1.70 0.00	33.86 1.78 0.00	31.13 1.76 0.00	25.76 1.48 0.00	21.77 1.27 0.00
GLOBAL GREEN_PORT_GT1 23814	28.47 2.06 -2.66	26.52 1.99 0.00	27.22 2.43 -1.50	30.06 2.65 -3.30	33.88 2.25 -10.78	33.15 2.82 0.00	33.51 2.37 0.00	33.20 2.49 0.00	24.34 2.43 0.00	34.93 2.53 -11.41	26.15 2.24 -2.53	32.07 2.37 0.00	29.11 1.67 0.00	33.53 0.93 0.00	33.84 0.52 0.00	32.04 0.90 0.00	35.32 0.91 0.00	40.77 0.20 0.13	47.96 1.51 0.00	33.59 1.32 0.00	33.55 1.47 0.00	30.86 1.48 0.00	25.59 1.31 0.00	21.65 1.15 0.00
GLOBE___DSASP 323697	22.13 -1.63 0.00	22.33 -2.20 0.00	21.32 -1.97 0.00	21.92 -2.19 0.00	19.03 -1.81 0.00	27.91 -2.43 0.00	28.75 -2.39 0.00	28.30 -2.41 0.00	20.07 -1.85 0.00	19.19 -1.79 0.00	19.57 -1.81 0.00	27.71 -1.99 0.00	25.68 -1.76 0.00	30.18 -2.41 0.00	30.76 -2.55 0.00	28.49 -2.65 0.00	31.60 -2.80 0.00	36.95 -3.75 0.00	41.86 -4.59 0.00	29.15 -3.12 0.00	28.73 -3.35 0.00	26.20 -3.17 0.00	21.93 -2.35 0.00	18.77 -1.73 0.00
GOETHSLN___LBMP 323567	24.77 1.01 0.00	25.61 1.08 0.00	24.42 1.13 0.00	25.29 1.18 0.00	21.81 0.97 0.00	31.72 1.38 0.00	32.52 1.38 0.00	32.08 1.38 0.00	23.09 1.17 0.00	22.17 1.19 0.00	22.57 1.20 0.00	31.18 1.48 0.00	28.80 1.36 0.00	33.97 1.37 0.00	34.57 1.26 0.00	32.22 1.08 0.00	35.75 1.34 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.93 1.66 0.00	33.78 1.70 0.00	31.05 1.67 0.00	25.61 1.33 0.00	21.58 1.08 0.00
GOLAH___69_KV_TB 1_2 80279	23.02 -0.74 0.00	23.43 -1.10 0.00	22.34 -0.95 0.00	23.02 -1.09 0.00	19.94 -0.90 0.00	29.15 -1.18 0.00	30.02 -1.12 0.00	29.59 -1.11 0.00	20.99 -0.93 0.00	20.04 -0.94 0.00	20.46 -0.92 0.00	28.84 -0.85 0.00	26.79 -0.65 0.00	31.67 -0.93 0.00	32.35 -0.96 0.00	30.19 -0.96 0.00	33.45 -0.96 0.00	39.38 -1.32 0.00	44.76 -1.69 0.00	31.09 -1.19 0.00	30.67 -1.40 0.00	27.98 -1.40 0.00	23.24 -1.04 0.00	19.72 -0.78 0.00

GOODYEAR_LAKE_HYD 323669	24.39 0.63 0.00	25.15 0.62 0.00	23.82 0.53 0.00	24.67 0.56 0.00	21.33 0.48 0.00	31.01 0.68 0.00	31.82 0.68 0.00	31.38 0.68 0.00	22.41 0.49 0.00	21.46 0.48 0.00	21.90 0.53 0.00	30.51 0.81 0.00	28.20 0.76 0.00	33.46 0.87 0.00	34.20 0.89 0.00	31.90 0.76 0.00	35.23 0.82 0.00	41.80 1.10 0.00	47.78 1.33 0.00	33.12 0.85 0.00	32.88 0.80 0.00	30.05 0.67 0.00	24.82 0.54 0.00	20.98 0.47 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.49 -0.27 0.00	24.29 -0.24 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.60 -0.25 0.00	30.05 -0.28 0.00	30.78 -0.35 0.00	30.35 -0.35 0.00	21.71 -0.21 0.00	20.81 -0.18 0.00	21.20 -0.18 0.00	29.64 -0.06 0.00	27.33 -0.11 0.00	32.27 -0.32 0.00	32.91 -0.40 0.00	30.77 -0.37 0.00	34.01 -0.40 0.00	40.37 -0.33 0.00	46.27 -0.18 0.00	32.08 -0.19 0.00	31.79 -0.29 0.00	29.09 -0.28 0.00	24.00 -0.27 0.00	20.31 -0.20 0.00
GOUDEY___7 23579	23.49 -0.27 0.00	24.29 -0.24 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.60 -0.25 0.00	30.05 -0.28 0.00	30.78 -0.35 0.00	30.35 -0.35 0.00	21.71 -0.21 0.00	20.81 -0.18 0.00	21.20 -0.18 0.00	29.64 -0.06 0.00	27.33 -0.11 0.00	32.27 -0.32 0.00	32.91 -0.40 0.00	30.77 -0.37 0.00	34.01 -0.40 0.00	40.37 -0.33 0.00	46.27 -0.18 0.00	32.08 -0.19 0.00	31.79 -0.29 0.00	29.09 -0.28 0.00	24.00 -0.27 0.00	20.31 -0.20 0.00
GOUDEY___8 23580	23.49 -0.27 0.00	24.29 -0.24 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.60 -0.25 0.00	30.05 -0.28 0.00	30.78 -0.35 0.00	30.35 -0.35 0.00	21.71 -0.21 0.00	20.81 -0.18 0.00	21.20 -0.18 0.00	29.64 -0.06 0.00	27.33 -0.11 0.00	32.27 -0.32 0.00	32.91 -0.40 0.00	30.77 -0.37 0.00	34.01 -0.40 0.00	40.37 -0.33 0.00	46.27 -0.18 0.00	32.08 -0.19 0.00	31.79 -0.29 0.00	29.09 -0.28 0.00	24.00 -0.27 0.00	20.31 -0.20 0.00
GOWANUS_GT1_1 24077	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT1_2 24078	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT1_3 24079	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT1_4 24080	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT1_5 24084	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT1_6 24111	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT1_7 24112	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT1_8 24113	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT2_1 24114	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT2_2 24115	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT2_3 24116	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00

GOWANUS_GT2_4 24117	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT2_5 24118	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT2_6 24119	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT2_7 24120	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT2_8 24121	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_1 24122	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_2 24123	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_3 24124	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_4 24125	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_5 24126	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_6 24127	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_7 24128	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT3_8 24129	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT4_1 24130	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT4_2 24131	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00

GOWANUS_GT4_3 24132	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT4_4 24133	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT4_5 24134	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT4_6 24135	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT4_7 24136	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GOWANUS_GT4_8 24137	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GREENBSH_115KV_TB3 55895	24.54 0.78 0.00	25.41 0.88 0.00	24.13 0.83 0.00	24.97 0.86 0.00	21.58 0.73 0.00	31.40 1.07 0.00	32.25 1.11 0.00	31.83 1.13 0.00	22.74 0.82 0.00	21.77 0.79 0.00	22.12 0.74 0.00	30.50 0.80 0.00	28.16 0.72 0.00	33.49 0.90 0.00	34.33 1.02 0.00	32.16 1.02 0.00	35.57 1.17 0.00	42.15 1.45 0.00	48.23 1.78 0.00	33.50 1.23 0.00	33.33 1.25 0.00	30.52 1.15 0.00	25.19 0.92 0.00	21.25 0.75 0.00
GREENIDGE_115KV_TB5 80291	23.24 -0.52 0.00	23.84 -0.69 0.00	22.58 -0.71 0.00	23.32 -0.79 0.00	20.20 -0.64 0.00	29.46 -0.88 0.00	30.40 -0.74 0.00	29.93 -0.78 0.00	21.30 -0.62 0.00	20.28 -0.70 0.00	20.70 -0.68 0.00	29.21 -0.49 0.00	27.09 -0.36 0.00	31.94 -0.66 0.00	32.53 -0.78 0.00	30.48 -0.67 0.00	33.50 -0.91 0.00	39.83 -0.87 0.00	45.49 -0.96 0.00	31.54 -0.74 0.00	31.25 -0.83 0.00	28.61 -0.77 0.00	23.55 -0.73 0.00	19.93 -0.57 0.00
GREENIDGE___3 23582	23.24 -0.52 0.00	23.84 -0.69 0.00	22.58 -0.71 0.00	23.32 -0.79 0.00	20.20 -0.64 0.00	29.46 -0.88 0.00	30.40 -0.74 0.00	29.93 -0.78 0.00	21.30 -0.62 0.00	20.28 -0.70 0.00	20.70 -0.68 0.00	29.21 -0.49 0.00	27.09 -0.36 0.00	31.94 -0.66 0.00	32.53 -0.78 0.00	30.48 -0.67 0.00	33.50 -0.91 0.00	39.83 -0.87 0.00	45.49 -0.96 0.00	31.54 -0.74 0.00	31.25 -0.83 0.00	28.61 -0.77 0.00	23.55 -0.73 0.00	19.93 -0.57 0.00
GREENIDGE___4 23583	23.24 -0.52 0.00	23.84 -0.69 0.00	22.58 -0.71 0.00	23.32 -0.79 0.00	20.20 -0.64 0.00	29.46 -0.88 0.00	30.40 -0.74 0.00	29.92 -0.78 0.00	21.30 -0.62 0.00	20.28 -0.70 0.00	20.70 -0.68 0.00	29.21 -0.49 0.00	27.09 -0.36 0.00	31.94 -0.66 0.00	32.53 -0.79 0.00	30.48 -0.66 0.00	33.50 -0.90 0.00	39.86 -0.83 0.00	45.48 -0.97 0.00	31.54 -0.73 0.00	31.25 -0.83 0.00	28.61 -0.76 0.00	23.55 -0.73 0.00	19.93 -0.57 0.00
GREENLWN_69_KV_BK 3 55738	27.87 1.45 -2.66	25.95 1.42 0.00	26.39 1.60 -1.50	29.07 1.66 -3.30	33.02 1.39 -10.78	32.09 1.76 0.00	32.57 1.43 0.00	32.20 1.50 0.00	23.42 1.51 0.00	33.97 1.57 -11.41	25.44 1.53 -2.53	31.44 1.75 0.00	29.02 1.59 0.00	33.61 1.02 0.00	34.04 0.73 0.00	31.99 0.85 0.00	35.36 0.95 0.00	41.70 1.13 0.13	48.31 1.86 0.00	33.66 1.38 0.00	33.63 1.55 0.00	30.98 1.60 0.00	25.75 1.48 0.00	21.85 1.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
GRISSOM___SOLAR 323813	25.00 1.24 0.00	25.78 1.26 0.00	24.46 1.17 0.00	25.33 1.22 0.00	21.90 1.06 0.00	31.89 1.55 0.00	32.76 1.63 0.00	32.20 1.50 0.00	22.56 0.64 0.00	21.39 0.41 0.00	21.63 0.25 0.00	30.31 0.62 0.00	27.90 0.46 0.00	33.66 1.06 0.00	34.86 1.55 0.00	32.83 1.69 0.00	36.37 1.96 0.00	43.08 2.38 0.00	49.06 2.61 0.00	34.05 1.78 0.00	33.78 1.71 0.00	30.88 1.51 0.00	25.52 1.25 0.00	21.52 1.01 0.00
GROVEVILLE___HYD 323602	24.86 1.10 0.00	25.70 1.17 0.00	24.47 1.17 0.00	25.33 1.22 0.00	21.86 1.02 0.00	31.79 1.46 0.00	32.62 1.49 0.00	32.20 1.50 0.00	23.12 1.20 0.00	22.18 1.20 0.00	22.57 1.19 0.00	31.20 1.50 0.00	28.81 1.37 0.00	34.06 1.46 0.00	34.74 1.42 0.00	32.42 1.28 0.00	35.98 1.57 0.00	42.90 2.21 0.00	49.18 2.73 0.00	34.07 1.79 0.00	33.86 1.79 0.00	31.06 1.68 0.00	25.61 1.33 0.00	21.58 1.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.44 -0.32 0.00	24.16 -0.37 0.00	22.93 -0.37 0.00	23.73 -0.38 0.00	20.54 -0.30 0.00	29.92 -0.41 0.00	30.72 -0.42 0.00	30.30 -0.39 0.00	21.61 -0.31 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.39 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.94 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.31 -0.39 0.00	46.03 -0.42 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.40 0.00	23.94 -0.34 0.00	20.22 -0.28 0.00

HAMLTNNY_34_KV_TB 80303	23.42 -0.34 0.00	24.13 -0.40 0.00	22.90 -0.39 0.00	23.73 -0.39 0.00	20.53 -0.31 0.00	29.91 -0.42 0.00	30.72 -0.41 0.00	30.31 -0.39 0.00	21.61 -0.30 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.40 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.95 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.30 -0.40 0.00	46.07 -0.38 0.00	31.96 -0.32 0.00	31.69 -0.39 0.00	28.98 -0.39 0.00	23.95 -0.33 0.00	20.22 -0.28 0.00
HAMPSHIRE___PAPER_HYD 323593	24.85 1.09 0.00	25.73 1.20 0.00	24.31 1.02 0.00	25.17 1.06 0.00	21.71 0.86 0.00	31.64 1.31 0.00	32.16 1.02 0.00	31.71 1.01 0.00	22.42 0.51 0.00	21.16 0.18 0.00	21.53 0.15 0.00	30.33 0.63 0.00	28.32 0.88 0.00	34.16 1.56 0.00	35.16 1.85 0.00	33.21 2.06 0.00	36.60 2.20 0.00	42.44 1.74 0.00	47.79 1.35 0.00	33.25 0.98 0.00	32.90 0.82 0.00	30.34 0.97 0.00	25.09 0.81 0.00	20.85 0.34 0.00
HARDSCRABBLE_WT_PWR 323673	24.21 0.46 0.00	25.06 0.53 0.00	23.75 0.46 0.00	24.54 0.43 0.00	21.19 0.34 0.00	30.82 0.49 0.00	31.69 0.55 0.00	31.22 0.52 0.00	22.09 0.18 0.00	21.11 0.13 0.00	21.43 0.05 0.00	29.68 -0.02 0.00	27.34 -0.10 0.00	32.71 0.11 0.00	33.61 0.30 0.00	31.62 0.48 0.00	34.76 0.35 0.00	41.35 0.66 0.00	47.10 0.65 0.00	32.73 0.46 0.00	32.58 0.50 0.00	29.79 0.41 0.00	24.75 0.47 0.00	20.89 0.39 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.70 0.95 0.00	25.54 1.01 0.00	24.32 1.03 0.00	25.17 1.06 0.00	21.73 0.88 0.00	31.63 1.29 0.00	32.44 1.30 0.00	32.00 1.30 0.00	22.98 1.07 0.00	22.04 1.06 0.00	22.44 1.07 0.00	31.05 1.35 0.00	28.67 1.23 0.00	33.84 1.25 0.00	34.51 1.20 0.00	32.20 1.06 0.00	35.72 1.32 0.00	42.66 1.96 0.00	48.94 2.49 0.00	33.88 1.61 0.00	33.67 1.60 0.00	30.89 1.52 0.00	25.49 1.21 0.00	21.47 0.97 0.00
HARSNRAD_115KV_TB1 81005	22.34 -1.42 0.00	22.54 -1.99 0.00	21.51 -1.78 0.00	22.11 -2.00 0.00	19.20 -1.64 0.00	28.16 -2.18 0.00	29.02 -2.11 0.00	28.55 -2.15 0.00	20.23 -1.69 0.00	19.36 -1.62 0.00	19.76 -1.61 0.00	28.03 -1.67 0.00	25.98 -1.47 0.00	30.51 -2.08 0.00	31.12 -2.20 0.00	28.98 -2.17 0.00	32.12 -2.28 0.00	37.60 -3.10 0.00	42.61 -3.84 0.00	29.67 -2.61 0.00	29.21 -2.87 0.00	26.64 -2.73 0.00	22.30 -1.98 0.00	19.06 -1.45 0.00
HARZA MOOSE___RIVER 24016	24.35 0.59 0.00	25.20 0.67 0.00	23.87 0.58 0.00	24.73 0.62 0.00	21.35 0.51 0.00	31.11 0.78 0.00	31.69 0.55 0.00	31.22 0.52 0.00	22.24 0.32 0.00	21.17 0.18 0.00	21.52 0.14 0.00	30.03 0.33 0.00	27.93 0.49 0.00	33.46 0.86 0.00	34.37 1.05 0.00	32.31 1.17 0.00	35.62 1.21 0.00	41.46 0.76 0.00	47.04 0.59 0.00	32.63 0.35 0.00	32.34 0.26 0.00	29.83 0.45 0.00	24.69 0.41 0.00	20.55 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.30 -0.46 0.00	24.01 -0.52 0.00	22.79 -0.50 0.00	23.58 -0.52 0.00	20.40 -0.44 0.00	29.72 -0.62 0.00	30.51 -0.63 0.00	30.10 -0.61 0.00	21.47 -0.45 0.00	20.52 -0.46 0.00	20.91 -0.47 0.00	29.13 -0.56 0.00	26.96 -0.48 0.00	32.01 -0.58 0.00	32.71 -0.60 0.00	30.55 -0.59 0.00	33.80 -0.61 0.00	39.99 -0.70 0.00	45.66 -0.79 0.00	31.69 -0.59 0.00	31.46 -0.62 0.00	28.78 -0.59 0.00	23.78 -0.49 0.00	20.10 -0.41 0.00
HELLGATE_13_KV_LD 55870	24.81 1.05 0.00	25.64 1.11 0.00	24.45 1.16 0.00	25.30 1.19 0.00	21.84 1.00 0.00	31.74 1.40 0.00	32.50 1.36 0.00	32.10 1.40 0.00	23.13 1.22 0.00	22.21 1.23 0.00	22.59 1.22 0.00	31.22 1.52 0.00	28.84 1.40 0.00	34.01 1.41 0.00	34.63 1.32 0.00	32.27 1.13 0.00	35.80 1.39 0.00	42.78 2.08 0.00	49.07 2.61 0.00	33.94 1.67 0.00	33.82 1.74 0.00	31.06 1.68 0.00	25.60 1.32 0.00	21.58 1.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.81 1.05 0.00	25.64 1.11 0.00	24.45 1.16 0.00	25.30 1.19 0.00	21.84 1.00 0.00	31.74 1.40 0.00	32.50 1.36 0.00	32.10 1.40 0.00	23.13 1.22 0.00	22.21 1.23 0.00	22.59 1.22 0.00	31.22 1.52 0.00	28.84 1.40 0.00	34.01 1.41 0.00	34.63 1.32 0.00	32.27 1.13 0.00	35.80 1.39 0.00	42.78 2.08 0.00	49.07 2.61 0.00	33.94 1.67 0.00	33.82 1.74 0.00	31.06 1.68 0.00	25.60 1.32 0.00	21.58 1.07 0.00
HEMPSTEAD____ 23647	27.75 1.33 -2.66	25.86 1.33 0.00	26.25 1.46 -1.50	28.92 1.51 -3.30	32.88 1.26 -10.78	31.99 1.66 0.00	32.58 1.44 0.00	32.19 1.49 0.00	23.33 1.41 0.00	33.86 1.46 -11.41	25.35 1.44 -2.53	31.41 1.71 0.00	28.99 1.55 0.00	33.77 1.18 0.00	34.29 0.97 0.00	32.10 0.96 0.00	35.52 1.11 0.00	41.93 1.29 0.05	48.58 2.13 0.00	33.77 1.50 0.00	33.70 1.63 0.00	31.02 1.64 0.00	25.71 1.44 0.00	21.77 1.26 0.00
HEWLETT_69_KV_BK3 55828	27.96 1.54 -2.66	26.06 1.53 0.00	26.44 1.65 -1.50	29.12 1.71 -3.30	33.06 1.43 -10.78	32.22 1.89 0.00	32.82 1.68 0.00	32.43 1.73 0.00	23.51 1.59 0.00	34.05 1.65 -11.41	25.54 1.63 -2.53	31.67 1.97 0.00	29.23 1.79 0.00	34.02 1.42 0.00	34.54 1.22 0.00	32.37 1.23 0.00	35.80 1.39 0.00	42.43 1.63 -0.10	48.93 2.48 0.00	34.05 1.78 0.00	33.97 1.89 0.00	31.24 1.87 0.00	25.91 1.63 0.00	21.95 1.45 0.00
HICKLING___1 23621	22.91 -0.85 0.00	23.65 -0.88 0.00	22.37 -0.92 0.00	23.11 -1.00 0.00	20.01 -0.83 0.00	29.28 -1.05 0.00	30.01 -1.12 0.00	29.59 -1.11 0.00	21.14 -0.78 0.00	20.26 -0.72 0.00	20.76 -0.62 0.00	29.29 -0.41 0.00	26.98 -0.46 0.00	31.62 -0.98 0.00	32.08 -1.24 0.00	30.00 -1.14 0.00	33.15 -1.26 0.00	39.37 -1.32 0.00	45.16 -1.29 0.00	31.29 -0.99 0.00	30.90 -1.18 0.00	28.29 -1.08 0.00	23.32 -0.95 0.00	19.78 -0.73 0.00
HICKLING___2 23622	22.91 -0.85 0.00	23.65 -0.88 0.00	22.37 -0.92 0.00	23.11 -1.00 0.00	20.01 -0.83 0.00	29.28 -1.05 0.00	30.01 -1.12 0.00	29.59 -1.11 0.00	21.14 -0.78 0.00	20.26 -0.72 0.00	20.76 -0.62 0.00	29.29 -0.41 0.00	26.98 -0.46 0.00	31.62 -0.98 0.00	32.08 -1.24 0.00	30.00 -1.14 0.00	33.15 -1.26 0.00	39.37 -1.32 0.00	45.16 -1.29 0.00	31.29 -0.99 0.00	30.90 -1.18 0.00	28.29 -1.08 0.00	23.32 -0.95 0.00	19.78 -0.73 0.00
HIGH FALLS___HY 23754	24.71 0.95 0.00	25.55 1.02 0.00	24.31 1.02 0.00	25.19 1.08 0.00	21.75 0.90 0.00	31.63 1.29 0.00	32.44 1.31 0.00	32.01 1.30 0.00	23.01 1.09 0.00	22.04 1.07 0.00	22.41 1.04 0.00	31.02 1.33 0.00	28.72 1.28 0.00	33.82 1.22 0.00	34.48 1.17 0.00	32.19 1.05 0.00	35.73 1.32 0.00	42.67 1.97 0.00	48.95 2.50 0.00	33.89 1.62 0.00	33.67 1.60 0.00	30.89 1.51 0.00	25.46 1.19 0.00	21.45 0.94 0.00
HIGH_RIVER___SOLAR 323847	24.65 0.89 0.00	25.46 0.93 0.00	24.18 0.88 0.00	25.04 0.93 0.00	21.63 0.79 0.00	31.49 1.15 0.00	32.34 1.20 0.00	31.85 1.14 0.00	22.48 0.56 0.00	21.38 0.40 0.00	21.58 0.21 0.00	30.14 0.44 0.00	27.82 0.38 0.00	33.33 0.74 0.00	34.33 1.02 0.00	32.28 1.14 0.00	35.74 1.34 0.00	42.34 1.64 0.00	48.33 1.88 0.00	33.56 1.29 0.00	33.32 1.25 0.00	30.49 1.12 0.00	25.19 0.91 0.00	21.26 0.75 0.00

HILLBURN___GT 23639	24.65 0.89 0.00	25.49 0.96 0.00	24.29 0.99 0.00	25.14 1.03 0.00	21.69 0.85 0.00	31.58 1.24 0.00	32.39 1.25 0.00	31.94 1.24 0.00	22.95 1.04 0.00	22.00 1.03 0.00	22.40 1.03 0.00	30.98 1.28 0.00	28.59 1.15 0.00	33.74 1.15 0.00	34.37 1.06 0.00	32.05 0.91 0.00	35.56 1.15 0.00	42.48 1.78 0.00	48.81 2.36 0.00	33.79 1.52 0.00	33.60 1.52 0.00	30.84 1.47 0.00	25.45 1.17 0.00	21.45 0.94 0.00
HILLSIDE_115KV_TB1 80332	22.80 -0.96 0.00	23.61 -0.92 0.00	22.33 -0.96 0.00	23.10 -1.01 0.00	19.98 -0.86 0.00	29.26 -1.08 0.00	29.93 -1.20 0.00	29.52 -1.18 0.00	21.13 -0.79 0.00	20.28 -0.70 0.00	20.71 -0.67 0.00	29.15 -0.55 0.00	26.78 -0.66 0.00	31.42 -1.17 0.00	31.91 -1.40 0.00	29.86 -1.28 0.00	33.00 -1.41 0.00	39.24 -1.46 0.00	45.15 -1.30 0.00	31.28 -1.00 0.00	30.91 -1.17 0.00	28.31 -1.07 0.00	23.31 -0.97 0.00	19.74 -0.76 0.00
HISHELDN_WT_PWR 323625	22.29 -1.47 0.00	22.63 -1.90 0.00	21.50 -1.80 0.00	22.11 -2.00 0.00	19.19 -1.66 0.00	28.10 -2.23 0.00	28.97 -2.17 0.00	28.49 -2.21 0.00	20.22 -1.70 0.00	19.41 -1.57 0.00	19.91 -1.46 0.00	28.25 -1.45 0.00	26.19 -1.26 0.00	30.57 -2.02 0.00	30.96 -2.35 0.00	28.82 -2.33 0.00	31.85 -2.56 0.00	37.50 -3.20 0.00	42.53 -3.92 0.00	29.58 -2.69 0.00	29.14 -2.94 0.00	26.70 -2.68 0.00	22.24 -2.04 0.00	18.95 -1.55 0.00
HOLTSVILLE_IC_1 23690	28.03 1.61 -2.66	26.04 1.51 0.00	26.56 1.77 -1.50	29.29 1.88 -3.30	33.19 1.57 -10.78	32.27 1.94 0.00	32.67 1.54 0.00	32.35 1.65 0.00	23.61 1.69 0.00	34.16 1.76 -11.41	25.54 1.64 -2.53	31.52 1.83 0.00	29.02 1.58 0.00	33.54 0.95 0.00	33.96 0.65 0.00	32.02 0.88 0.00	35.29 0.88 0.00	41.21 0.64 0.13	48.16 1.71 0.00	33.68 1.41 0.00	33.69 1.61 0.00	31.01 1.64 0.00	25.80 1.53 0.00	21.88 1.38 0.00
HOLTSVILLE_IC_10 23699	28.12 1.70 -2.66	26.12 1.59 0.00	26.66 1.87 -1.50	29.38 1.98 -3.30	33.29 1.66 -10.78	32.39 2.06 0.00	32.79 1.65 0.00	32.46 1.76 0.00	23.71 1.80 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.96 0.00	29.14 1.70 0.00	33.69 1.09 0.00	34.12 0.80 0.00	32.20 1.06 0.00	35.50 1.10 0.00	41.43 0.86 0.13	48.43 1.98 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.18 1.80 0.00	25.92 1.64 0.00	21.97 1.47 0.00
HOLTSVILLE_IC_2 23691	28.03 1.61 -2.66	26.04 1.51 0.00	26.56 1.77 -1.50	29.29 1.88 -3.30	33.19 1.57 -10.78	32.27 1.94 0.00	32.67 1.54 0.00	32.35 1.65 0.00	23.61 1.69 0.00	34.16 1.76 -11.41	25.54 1.64 -2.53	31.52 1.83 0.00	29.02 1.58 0.00	33.54 0.95 0.00	33.96 0.65 0.00	32.02 0.88 0.00	35.29 0.88 0.00	41.21 0.64 0.13	48.16 1.71 0.00	33.68 1.41 0.00	33.69 1.61 0.00	31.01 1.64 0.00	25.80 1.53 0.00	21.88 1.38 0.00
HOLTSVILLE_IC_3 23692	28.03 1.61 -2.66	26.04 1.51 0.00	26.56 1.77 -1.50	29.29 1.88 -3.30	33.19 1.57 -10.78	32.27 1.94 0.00	32.67 1.54 0.00	32.35 1.65 0.00	23.61 1.69 0.00	34.16 1.76 -11.41	25.54 1.64 -2.53	31.52 1.83 0.00	29.02 1.58 0.00	33.54 0.95 0.00	33.96 0.65 0.00	32.02 0.88 0.00	35.29 0.88 0.00	41.21 0.64 0.13	48.16 1.71 0.00	33.68 1.41 0.00	33.69 1.61 0.00	31.01 1.64 0.00	25.80 1.53 0.00	21.88 1.38 0.00
HOLTSVILLE_IC_4 23693	28.03 1.61 -2.66	26.04 1.51 0.00	26.56 1.77 -1.50	29.29 1.88 -3.30	33.19 1.57 -10.78	32.27 1.94 0.00	32.67 1.54 0.00	32.35 1.65 0.00	23.61 1.69 0.00	34.16 1.76 -11.41	25.54 1.64 -2.53	31.52 1.83 0.00	29.02 1.58 0.00	33.54 0.95 0.00	33.96 0.65 0.00	32.02 0.88 0.00	35.29 0.88 0.00	41.21 0.64 0.13	48.16 1.71 0.00	33.68 1.41 0.00	33.69 1.61 0.00	31.01 1.64 0.00	25.80 1.53 0.00	21.88 1.38 0.00
HOLTSVILLE_IC_5 23694	28.03 1.61 -2.66	26.04 1.51 0.00	26.56 1.77 -1.50	29.29 1.88 -3.30	33.19 1.57 -10.78	32.27 1.94 0.00	32.67 1.54 0.00	32.35 1.65 0.00	23.61 1.69 0.00	34.16 1.76 -11.41	25.54 1.64 -2.53	31.52 1.83 0.00	29.02 1.58 0.00	33.54 0.95 0.00	33.96 0.65 0.00	32.02 0.88 0.00	35.29 0.88 0.00	41.21 0.64 0.13	48.16 1.71 0.00	33.68 1.41 0.00	33.69 1.61 0.00	31.01 1.64 0.00	25.80 1.53 0.00	21.88 1.38 0.00
HOLTSVILLE_IC_6 23695	28.12 1.70 -2.66	26.12 1.59 0.00	26.66 1.87 -1.50	29.38 1.98 -3.30	33.29 1.66 -10.78	32.39 2.06 0.00	32.79 1.65 0.00	32.46 1.76 0.00	23.71 1.80 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.96 0.00	29.14 1.70 0.00	33.69 1.09 0.00	34.12 0.80 0.00	32.20 1.06 0.00	35.50 1.10 0.00	41.43 0.86 0.13	48.43 1.98 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.18 1.80 0.00	25.92 1.64 0.00	21.97 1.47 0.00
HOLTSVILLE_IC_7 23696	28.12 1.70 -2.66	26.12 1.59 0.00	26.66 1.87 -1.50	29.38 1.98 -3.30	33.29 1.66 -10.78	32.39 2.06 0.00	32.79 1.65 0.00	32.46 1.76 0.00	23.71 1.80 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.96 0.00	29.14 1.70 0.00	33.69 1.09 0.00	34.12 0.80 0.00	32.20 1.06 0.00	35.50 1.10 0.00	41.43 0.86 0.13	48.43 1.98 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.18 1.80 0.00	25.92 1.64 0.00	21.97 1.47 0.00
HOLTSVILLE_IC_8 23697	28.12 1.70 -2.66	26.12 1.59 0.00	26.66 1.87 -1.50	29.38 1.98 -3.30	33.29 1.66 -10.78	32.39 2.06 0.00	32.79 1.65 0.00	32.46 1.76 0.00	23.71 1.80 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.96 0.00	29.14 1.70 0.00	33.69 1.09 0.00	34.12 0.80 0.00	32.20 1.06 0.00	35.50 1.10 0.00	41.43 0.86 0.13	48.43 1.98 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.18 1.80 0.00	25.92 1.64 0.00	21.97 1.47 0.00
HOLTSVILLE_IC_9 23698	28.12 1.70 -2.66	26.12 1.59 0.00	26.66 1.87 -1.50	29.38 1.98 -3.30	33.29 1.66 -10.78	32.39 2.06 0.00	32.79 1.65 0.00	32.46 1.76 0.00	23.71 1.80 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.96 0.00	29.14 1.70 0.00	33.69 1.09 0.00	34.12 0.80 0.00	32.20 1.06 0.00	35.50 1.10 0.00	41.43 0.86 0.13	48.43 1.98 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.18 1.80 0.00	25.92 1.64 0.00	21.97 1.47 0.00
HOMER_HL_115KV_TB2 355744	23.22 -0.54 0.00	23.80 -0.73 0.00	22.72 -0.57 0.00	23.46 -0.65 0.00	20.28 -0.56 0.00	29.61 -0.72 0.00	30.30 -0.84 0.00	29.81 -0.89 0.00	21.40 -0.52 0.00	20.64 -0.34 0.00	21.13 -0.24 0.00	29.67 -0.02 0.00	27.28 -0.16 0.00	32.03 -0.56 0.00	32.64 -0.67 0.00	30.21 -0.94 0.00	33.11 -1.30 0.00	39.43 -1.27 0.00	45.20 -1.25 0.00	31.28 -0.99 0.00	30.80 -1.28 0.00	28.19 -1.18 0.00	23.38 -0.90 0.00	19.94 -0.56 0.00
HOWARD_WT_PWR 323690	21.98 -1.77 0.00	22.44 -2.09 0.00	21.08 -2.21 0.00	21.62 -2.49 0.00	18.83 -2.02 0.00	27.32 -3.02 0.00	28.29 -2.85 0.00	27.83 -2.87 0.00	19.82 -2.10 0.00	19.17 -1.81 0.00	19.84 -1.53 0.00	28.37 -1.33 0.00	26.37 -1.07 0.00	30.26 -2.33 0.00	30.74 -2.57 0.00	28.88 -2.26 0.00	31.49 -2.92 0.00	37.31 -3.39 0.00	42.24 -4.21 0.00	29.26 -3.02 0.00	28.76 -3.32 0.00	26.44 -2.94 0.00	21.93 -2.35 0.00	18.72 -1.78 0.00

HQ_GEN_CEDARS 23644	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.83 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.15 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
HQ_GEN_CEDARS_PROXY 323590	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.82 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.16 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
HQ_GEN_IMPORT 323601	23.82 0.07 0.00	24.57 0.04 0.00	21.77 0.05 1.57	24.14 0.03 0.00	20.88 0.04 0.00	30.49 0.05 -0.10	31.19 0.06 0.00	30.74 0.04 0.00	21.92 0.01 0.00	20.99 0.00 0.00	21.40 0.02 0.00	29.81 0.12 0.00	27.56 0.12 0.00	32.78 0.19 0.00	33.49 0.18 0.00	31.29 0.14 0.00	34.51 0.11 0.00	40.71 0.02 0.00	46.29 -0.16 0.00	32.23 -0.04 0.00	32.06 -0.02 0.00	29.35 -0.03 0.00	24.27 -0.01 0.00	20.51 0.01 0.00
HQ_GEN_WHEEL 23651	23.82 0.07 0.00	24.57 0.04 0.00	21.77 0.05 1.57	24.14 0.03 0.00	20.88 0.04 0.00	30.49 0.05 -0.10	31.19 0.06 0.00	30.74 0.04 0.00	21.92 0.01 0.00	20.99 0.00 0.00	21.40 0.02 0.00	29.81 0.12 0.00	27.56 0.12 0.00	32.78 0.19 0.00	33.49 0.18 0.00	31.29 0.14 0.00	34.51 0.11 0.00	40.71 0.02 0.00	46.29 -0.16 0.00	32.23 -0.04 0.00	32.06 -0.02 0.00	29.35 -0.03 0.00	24.27 -0.01 0.00	20.51 0.01 0.00
HUDSON_AVE_GT_3 23810	24.88 1.12 0.00	25.71 1.18 0.00	24.52 1.23 0.00	25.38 1.27 0.00	21.89 1.05 0.00	31.80 1.46 0.00	32.60 1.46 0.00	32.16 1.46 0.00	23.15 1.24 0.00	22.25 1.27 0.00	22.65 1.27 0.00	31.28 1.59 0.00	28.90 1.46 0.00	34.10 1.50 0.00	34.70 1.39 0.00	32.35 1.21 0.00	35.88 1.47 0.00	42.86 2.16 0.00	49.19 2.74 0.00	34.03 1.76 0.00	33.87 1.79 0.00	31.13 1.76 0.00	25.67 1.40 0.00	21.63 1.13 0.00
HUDSON_AVE_GT_4 23540	24.88 1.12 0.00	25.71 1.18 0.00	24.52 1.23 0.00	25.38 1.27 0.00	21.89 1.05 0.00	31.80 1.46 0.00	32.60 1.46 0.00	32.16 1.46 0.00	23.15 1.24 0.00	22.25 1.27 0.00	22.65 1.27 0.00	31.28 1.59 0.00	28.90 1.46 0.00	34.10 1.50 0.00	34.70 1.39 0.00	32.35 1.21 0.00	35.88 1.47 0.00	42.86 2.16 0.00	49.19 2.74 0.00	34.03 1.76 0.00	33.87 1.79 0.00	31.13 1.76 0.00	25.67 1.40 0.00	21.63 1.13 0.00
HUDSON_AVE_GT_5 23657	24.88 1.12 0.00	25.71 1.18 0.00	24.52 1.23 0.00	25.38 1.27 0.00	21.89 1.05 0.00	31.80 1.46 0.00	32.60 1.46 0.00	32.16 1.46 0.00	23.15 1.24 0.00	22.25 1.27 0.00	22.65 1.27 0.00	31.28 1.59 0.00	28.90 1.46 0.00	34.10 1.50 0.00	34.70 1.39 0.00	32.35 1.21 0.00	35.88 1.47 0.00	42.86 2.16 0.00	49.19 2.74 0.00	34.03 1.76 0.00	33.87 1.79 0.00	31.13 1.76 0.00	25.67 1.40 0.00	21.63 1.13 0.00
HUDSON_AVE_10 24168	24.77 1.01 0.00	25.61 1.08 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.38 0.00	32.07 1.37 0.00	23.09 1.17 0.00	22.18 1.20 0.00	22.58 1.21 0.00	31.19 1.50 0.00	28.80 1.36 0.00	33.99 1.40 0.00	34.59 1.28 0.00	32.22 1.08 0.00	35.74 1.34 0.00	42.75 2.00 -0.06	49.00 2.55 0.00	33.88 1.61 0.00	33.74 1.66 0.00	31.02 1.65 0.00	25.58 1.30 0.00	21.55 1.05 0.00
HUDSON___115KV_TB 4 355613	24.99 1.23 0.00	25.87 1.34 0.00	24.52 1.23 0.00	25.39 1.28 0.00	21.95 1.11 0.00	31.98 1.65 0.00	32.87 1.74 0.00	32.47 1.77 0.00	23.13 1.22 0.00	22.04 1.06 0.00	22.32 0.94 0.00	30.75 1.06 0.00	28.37 0.93 0.00	33.86 1.26 0.00	34.92 1.61 0.00	32.88 1.74 0.00	36.43 2.03 0.00	43.17 2.46 0.00	49.33 2.88 0.00	34.24 1.97 0.00	34.00 1.92 0.00	31.09 1.72 0.00	25.63 1.35 0.00	21.60 1.09 0.00
HUNTER MOUNT___DRP 323613	25.15 1.39 0.00	26.04 1.51 0.00	24.66 1.37 0.00	25.54 1.43 0.00	22.09 1.25 0.00	32.17 1.84 0.00	33.11 1.98 0.00	32.72 2.01 0.00	23.28 1.36 0.00	22.14 1.16 0.00	22.40 1.03 0.00	30.85 1.15 0.00	28.45 1.01 0.00	34.08 1.48 0.00	35.21 1.89 0.00	33.20 2.05 0.00	36.80 2.39 0.00	43.55 2.85 0.00	49.71 3.26 0.00	34.50 2.23 0.00	34.24 2.16 0.00	31.28 1.91 0.00	25.77 1.49 0.00	21.71 1.21 0.00
HUNTINGTON_RES_REC 323705	27.97 1.55 -2.66	26.01 1.49 0.00	26.50 1.71 -1.50	29.19 1.78 -3.30	33.12 1.50 -10.78	32.21 1.88 0.00	32.64 1.50 0.00	32.30 1.60 0.00	23.54 1.62 0.00	34.09 1.69 -11.41	25.52 1.61 -2.53	31.51 1.81 0.00	29.06 1.62 0.00	33.60 1.01 0.00	34.04 0.73 0.00	32.06 0.92 0.00	35.41 1.00 0.00	41.47 0.90 0.13	48.36 1.91 0.00	33.75 1.48 0.00	33.74 1.66 0.00	31.05 1.68 0.00	25.82 1.54 0.00	21.90 1.40 0.00
HUNTLEY___63 23557	22.55 -1.21 0.00	22.78 -1.75 0.00	21.73 -1.56 0.00	22.35 -1.76 0.00	19.40 -1.44 0.00	28.45 -1.89 0.00	29.31 -1.83 0.00	28.85 -1.86 0.00	20.46 -1.46 0.00	19.59 -1.39 0.00	20.00 -1.38 0.00	28.34 -1.36 0.00	26.25 -1.19 0.00	30.85 -1.75 0.00	31.44 -1.87 0.00	29.21 -1.93 0.00	32.38 -2.03 0.00	37.93 -2.77 0.00	42.99 -3.46 0.00	29.93 -2.34 0.00	29.47 -2.61 0.00	26.88 -2.49 0.00	22.47 -1.81 0.00	19.20 -1.30 0.00
HUNTLEY___64 23558	22.55 -1.21 0.00	22.78 -1.75 0.00	21.73 -1.56 0.00	22.35 -1.76 0.00	19.40 -1.44 0.00	28.45 -1.89 0.00	29.31 -1.83 0.00	28.85 -1.86 0.00	20.46 -1.46 0.00	19.59 -1.39 0.00	20.00 -1.38 0.00	28.34 -1.36 0.00	26.25 -1.19 0.00	30.85 -1.75 0.00	31.44 -1.87 0.00	29.21 -1.93 0.00	32.38 -2.03 0.00	37.93 -2.77 0.00	42.99 -3.46 0.00	29.93 -2.34 0.00	29.47 -2.61 0.00	26.88 -2.49 0.00	22.47 -1.81 0.00	19.20 -1.30 0.00
HUNTLEY___65 23559	22.55 -1.21 0.00	22.78 -1.75 0.00	21.73 -1.56 0.00	22.35 -1.76 0.00	19.40 -1.44 0.00	28.45 -1.89 0.00	29.31 -1.83 0.00	28.85 -1.86 0.00	20.46 -1.46 0.00	19.59 -1.39 0.00	20.00 -1.38 0.00	28.34 -1.36 0.00	26.25 -1.19 0.00	30.85 -1.75 0.00	31.44 -1.87 0.00	29.21 -1.93 0.00	32.38 -2.03 0.00	37.93 -2.77 0.00	42.99 -3.46 0.00	29.93 -2.34 0.00	29.47 -2.61 0.00	26.88 -2.49 0.00	22.47 -1.81 0.00	19.20 -1.30 0.00
HUNTLEY___66 23560	22.55 -1.21 0.00	22.78 -1.75 0.00	21.73 -1.56 0.00	22.35 -1.76 0.00	19.40 -1.44 0.00	28.45 -1.89 0.00	29.31 -1.83 0.00	28.85 -1.86 0.00	20.46 -1.46 0.00	19.59 -1.39 0.00	20.00 -1.38 0.00	28.34 -1.36 0.00	26.25 -1.19 0.00	30.85 -1.75 0.00	31.44 -1.87 0.00	29.21 -1.93 0.00	32.38 -2.03 0.00	37.93 -2.77 0.00	42.99 -3.46 0.00	29.93 -2.34 0.00	29.47 -2.61 0.00	26.88 -2.49 0.00	22.47 -1.81 0.00	19.20 -1.30 0.00

HUNTLEY___67 23561	22.39 -1.37 0.00	22.66 -1.88 0.00	21.62 -1.68 0.00	22.23 -1.88 0.00	19.29 -1.55 0.00	28.26 -2.07 0.00	29.12 -2.02 0.00	28.65 -2.05 0.00	20.34 -1.57 0.00	19.48 -1.50 0.00	19.88 -1.50 0.00	28.14 -1.55 0.00	26.07 -1.37 0.00	30.62 -1.98 0.00	31.21 -2.10 0.00	29.04 -2.10 0.00	32.17 -2.24 0.00	37.70 -3.00 0.00	42.78 -3.68 0.00	29.77 -2.50 0.00	29.32 -2.76 0.00	26.76 -2.62 0.00	22.35 -1.93 0.00	19.11 -1.39 0.00
HUNTLEY___68 23562	22.39 -1.37 0.00	22.66 -1.88 0.00	21.62 -1.68 0.00	22.23 -1.88 0.00	19.29 -1.55 0.00	28.26 -2.07 0.00	29.12 -2.02 0.00	28.65 -2.05 0.00	20.34 -1.57 0.00	19.48 -1.50 0.00	19.88 -1.50 0.00	28.14 -1.55 0.00	26.07 -1.37 0.00	30.62 -1.98 0.00	31.21 -2.10 0.00	29.04 -2.10 0.00	32.17 -2.24 0.00	37.70 -3.00 0.00	42.78 -3.68 0.00	29.77 -2.50 0.00	29.32 -2.76 0.00	26.76 -2.62 0.00	22.35 -1.93 0.00	19.11 -1.39 0.00
HYLAND___LFGE 323620	23.53 -0.23 0.00	23.96 -0.57 0.00	22.72 -0.57 0.00	23.40 -0.71 0.00	20.30 -0.54 0.00	29.67 -0.66 0.00	30.66 -0.48 0.00	30.21 -0.49 0.00	21.22 -0.69 0.00	20.02 -0.96 0.00	20.63 -0.75 0.00	29.50 -0.20 0.00	27.51 0.07 0.00	32.36 -0.23 0.00	32.91 -0.40 0.00	30.78 -0.36 0.00	34.12 -0.28 0.00	40.44 -0.26 0.00	45.96 -0.49 0.00	31.92 -0.35 0.00	31.41 -0.66 0.00	28.64 -0.73 0.00	23.72 -0.56 0.00	20.12 -0.38 0.00
INDECK___CORINTH 23802	25.28 1.52 0.00	26.20 1.67 0.00	24.86 1.56 0.00	25.71 1.60 0.00	22.24 1.40 0.00	32.42 2.09 0.00	33.38 2.24 0.00	32.96 2.26 0.00	23.37 1.46 0.00	22.32 1.34 0.00	22.62 1.24 0.00	31.11 1.41 0.00	28.51 1.06 0.00	33.81 1.22 0.00	34.48 1.17 0.00	32.38 1.24 0.00	35.92 1.51 0.00	42.43 1.73 0.00	48.47 2.02 0.00	33.71 1.44 0.00	33.42 1.34 0.00	30.55 1.18 0.00	25.28 1.00 0.00	21.29 0.79 0.00
INDECK___ILION 23567	24.04 0.28 0.00	24.87 0.34 0.00	23.59 0.30 0.00	24.41 0.30 0.00	21.08 0.24 0.00	30.69 0.35 0.00	31.53 0.40 0.00	31.09 0.39 0.00	22.11 0.19 0.00	21.13 0.15 0.00	21.47 0.09 0.00	29.75 0.05 0.00	27.44 0.00 0.00	32.71 0.11 0.00	33.54 0.23 0.00	31.49 0.34 0.00	34.74 0.34 0.00	41.23 0.54 0.00	47.09 0.63 0.00	32.69 0.41 0.00	32.50 0.43 0.00	29.76 0.38 0.00	24.60 0.32 0.00	20.75 0.25 0.00
INDECK___OLEAN 23982	23.22 -0.53 0.00	23.80 -0.73 0.00	22.73 -0.57 0.00	23.46 -0.65 0.00	20.28 -0.56 0.00	29.61 -0.72 0.00	30.30 -0.84 0.00	29.81 -0.89 0.00	21.40 -0.52 0.00	20.64 -0.34 0.00	21.13 -0.24 0.00	29.68 -0.02 0.00	27.28 -0.16 0.00	32.03 -0.56 0.00	32.64 -0.67 0.00	30.20 -0.94 0.00	33.11 -1.30 0.00	39.51 -1.19 0.00	45.20 -1.25 0.00	31.28 -0.99 0.00	30.80 -1.28 0.00	28.20 -1.17 0.00	23.38 -0.90 0.00	19.94 -0.57 0.00
INDECK___OSWEGO 23783	23.08 -0.68 0.00	23.81 -0.72 0.00	22.60 -0.69 0.00	23.39 -0.72 0.00	20.22 -0.62 0.00	29.45 -0.88 0.00	30.19 -0.94 0.00	29.79 -0.91 0.00	21.26 -0.66 0.00	20.31 -0.67 0.00	20.70 -0.68 0.00	28.82 -0.88 0.00	26.68 -0.76 0.00	31.71 -0.88 0.00	32.42 -0.89 0.00	30.33 -0.81 0.00	33.54 -0.87 0.00	39.62 -1.07 0.00	45.21 -1.24 0.00	31.36 -0.91 0.00	31.12 -0.96 0.00	28.49 -0.88 0.00	23.56 -0.71 0.00	19.89 -0.62 0.00
INDECK___YERKES 23781	22.57 -1.19 0.00	22.80 -1.73 0.00	21.75 -1.54 0.00	22.37 -1.74 0.00	19.43 -1.42 0.00	28.47 -1.87 0.00	29.34 -1.79 0.00	28.87 -1.84 0.00	20.48 -1.44 0.00	19.60 -1.38 0.00	20.02 -1.35 0.00	28.36 -1.34 0.00	26.28 -1.16 0.00	30.87 -1.73 0.00	31.47 -1.85 0.00	29.23 -1.91 0.00	32.41 -2.00 0.00	38.06 -2.64 0.00	43.03 -3.42 0.00	29.96 -2.31 0.00	29.50 -2.58 0.00	26.91 -2.47 0.00	22.49 -1.79 0.00	19.21 -1.29 0.00
INDIAN POINT_GT_1 24139	24.67 0.91 0.00	25.51 0.97 0.00	24.31 1.01 0.00	25.16 1.05 0.00	21.70 0.86 0.00	31.57 1.24 0.00	32.37 1.23 0.00	31.93 1.23 0.00	22.96 1.04 0.00	22.02 1.04 0.00	22.41 1.03 0.00	30.97 1.27 0.00	28.59 1.15 0.00	33.74 1.14 0.00	34.37 1.06 0.00	32.07 0.93 0.00	35.57 1.16 0.00	42.47 1.77 0.00	48.75 2.30 0.00	33.75 1.47 0.00	33.56 1.48 0.00	30.82 1.45 0.00	25.43 1.15 0.00	21.44 0.93 0.00
INDIAN POINT_GT_2 23659	24.67 0.91 0.00	25.51 0.97 0.00	24.31 1.01 0.00	25.16 1.05 0.00	21.70 0.86 0.00	31.57 1.24 0.00	32.37 1.23 0.00	31.93 1.23 0.00	22.96 1.04 0.00	22.02 1.04 0.00	22.41 1.03 0.00	30.97 1.27 0.00	28.59 1.15 0.00	33.74 1.14 0.00	34.37 1.06 0.00	32.07 0.93 0.00	35.57 1.16 0.00	42.47 1.77 0.00	48.75 2.30 0.00	33.75 1.47 0.00	33.56 1.48 0.00	30.82 1.45 0.00	25.43 1.15 0.00	21.44 0.93 0.00
INDIAN POINT_GT_3 24019	24.67 0.91 0.00	25.51 0.97 0.00	24.31 1.01 0.00	25.16 1.05 0.00	21.70 0.86 0.00	31.57 1.24 0.00	32.37 1.23 0.00	31.93 1.23 0.00	22.96 1.04 0.00	22.02 1.04 0.00	22.41 1.03 0.00	30.97 1.27 0.00	28.59 1.15 0.00	33.74 1.14 0.00	34.37 1.06 0.00	32.07 0.93 0.00	35.57 1.16 0.00	42.47 1.77 0.00	48.75 2.30 0.00	33.75 1.47 0.00	33.56 1.48 0.00	30.82 1.45 0.00	25.43 1.15 0.00	21.44 0.93 0.00
INDIAN POINT___2 23530	24.64 0.88 0.00	25.48 0.95 0.00	24.28 0.99 0.00	25.13 1.03 0.00	21.68 0.84 0.00	31.55 1.21 0.00	32.34 1.21 0.00	31.91 1.20 0.00	22.93 1.01 0.00	21.99 1.01 0.00	22.39 1.01 0.00	30.94 1.24 0.00	28.56 1.12 0.00	33.71 1.11 0.00	34.34 1.02 0.00	32.03 0.89 0.00	35.52 1.11 0.00	42.40 1.70 0.00	48.71 2.26 0.00	33.72 1.45 0.00	33.54 1.46 0.00	30.80 1.43 0.00	25.41 1.14 0.00	21.43 0.92 0.00
INDIAN POINT___3 23531	24.65 0.88 0.00	25.49 0.95 0.00	24.28 0.99 0.00	25.14 1.03 0.00	21.68 0.84 0.00	31.54 1.21 0.00	32.35 1.21 0.00	31.91 1.21 0.00	22.93 1.02 0.00	22.00 1.02 0.00	22.39 1.02 0.00	30.94 1.25 0.00	28.57 1.13 0.00	33.72 1.12 0.00	34.35 1.04 0.00	32.04 0.90 0.00	35.54 1.13 0.00	42.44 1.74 0.00	48.71 2.26 0.00	33.72 1.45 0.00	33.55 1.47 0.00	30.80 1.43 0.00	25.42 1.14 0.00	21.43 0.92 0.00
INGHAM_C_115KV_TB7 356103	24.25 0.49 0.00	25.12 0.59 0.00	23.81 0.52 0.00	24.62 0.51 0.00	21.26 0.42 0.00	30.94 0.60 0.00	31.83 0.70 0.00	31.37 0.67 0.00	22.18 0.27 0.00	21.16 0.17 0.00	21.40 0.02 0.00	29.60 -0.10 0.00	27.22 -0.22 0.00	32.60 0.01 0.00	33.58 0.27 0.00	31.68 0.54 0.00	34.87 0.46 0.00	41.53 0.83 0.00	47.43 0.98 0.00	32.93 0.66 0.00	32.76 0.69 0.00	30.00 0.63 0.00	24.83 0.55 0.00	20.95 0.45 0.00
IP CORINTH___1 23988	25.28 1.52 0.00	26.21 1.68 0.00	24.86 1.56 0.00	25.71 1.60 0.00	22.24 1.40 0.00	32.42 2.09 0.00	33.38 2.24 0.00	32.96 2.26 0.00	23.38 1.46 0.00	22.32 1.34 0.00	22.62 1.24 0.00	31.14 1.45 0.00	28.57 1.13 0.00	33.94 1.35 0.00	34.66 1.34 0.00	32.56 1.42 0.00	36.12 1.71 0.00	42.66 1.96 0.00	48.73 2.28 0.00	33.89 1.62 0.00	33.59 1.51 0.00	30.71 1.34 0.00	25.40 1.12 0.00	21.40 0.89 0.00

IP___TICONDEROGA 23804	26.02 2.26 0.00	27.15 2.62 0.00	25.71 2.42 0.00	26.50 2.39 0.00	22.99 2.14 0.00	33.60 3.27 0.00	34.70 3.56 0.00	34.26 3.56 0.00	24.00 2.08 0.00	22.84 1.86 0.00	23.13 1.76 0.00	31.77 2.08 0.00	29.58 2.15 0.00	35.50 2.90 0.00	36.28 2.96 0.00	34.44 3.30 0.00	38.37 3.96 0.00	44.96 4.26 0.00	51.25 4.80 0.00	35.84 3.57 0.00	35.23 3.16 0.00	32.09 2.72 0.00	26.48 2.20 0.00	22.30 1.79 0.00
ISLIP_RES_REC 323679	28.20 1.78 -2.66	26.18 1.65 0.00	26.72 1.93 -1.50	29.45 2.05 -3.30	33.35 1.72 -10.78	32.48 2.14 0.00	32.88 1.74 0.00	32.55 1.85 0.00	23.78 1.86 0.00	34.34 1.94 -11.41	25.71 1.80 -2.53	31.74 2.05 0.00	29.21 1.77 0.00	33.77 1.18 0.00	34.21 0.90 0.00	32.30 1.16 0.00	35.62 1.22 0.00	41.59 1.02 0.13	48.61 2.16 0.00	34.01 1.74 0.00	33.99 1.91 0.00	31.28 1.90 0.00	25.99 1.72 0.00	22.03 1.53 0.00
JAMAICA__27_KV_LOAD 355505	24.93 1.17 0.00	25.78 1.25 0.00	24.55 1.25 0.00	25.41 1.30 0.00	21.91 1.07 0.00	31.88 1.54 0.00	32.71 1.57 0.00	32.27 1.57 0.00	23.22 1.30 0.00	22.31 1.33 0.00	22.69 1.32 0.00	31.39 1.69 0.00	28.96 1.52 0.00	34.18 1.59 0.00	34.79 1.48 0.00	32.35 1.21 0.00	35.88 1.48 0.00	42.94 2.17 -0.07	49.20 2.75 0.00	33.99 1.72 0.00	33.82 1.74 0.00	31.16 1.79 0.00	25.68 1.41 0.00	21.62 1.12 0.00
JANIS___SOLAR 323808	24.32 0.56 0.00	24.99 0.46 0.00	23.58 0.29 0.00	24.38 0.27 0.00	21.07 0.23 0.00	30.68 0.35 0.00	31.50 0.36 0.00	31.08 0.37 0.00	22.06 0.14 0.00	20.79 -0.19 0.00	21.07 -0.31 0.00	29.59 -0.11 0.00	27.75 0.31 0.00	33.09 0.50 0.00	33.94 0.63 0.00	31.85 0.71 0.00	35.15 0.74 0.00	41.68 0.98 0.00	47.49 1.03 0.00	32.91 0.63 0.00	32.57 0.49 0.00	29.69 0.31 0.00	24.49 0.21 0.00	20.79 0.29 0.00
JARVIS____ 23743	23.83 0.07 0.00	24.60 0.08 0.00	23.36 0.07 0.00	24.18 0.07 0.00	20.91 0.06 0.00	30.43 0.09 0.00	31.23 0.09 0.00	30.79 0.09 0.00	21.98 0.06 0.00	21.04 0.06 0.00	21.44 0.06 0.00	29.74 0.05 0.00	27.47 0.03 0.00	32.63 0.03 0.00	33.38 0.07 0.00	31.22 0.08 0.00	34.49 0.08 0.00	40.81 0.11 0.00	46.64 0.19 0.00	32.38 0.11 0.00	32.17 0.10 0.00	29.48 0.10 0.00	24.37 0.09 0.00	20.56 0.06 0.00
JENNISON___1 23625	24.34 0.58 0.00	25.04 0.50 0.00	23.44 0.15 0.00	24.18 0.07 0.00	20.88 0.04 0.00	30.36 0.03 0.00	31.08 -0.06 0.00	30.68 -0.02 0.00	21.87 -0.04 0.00	20.98 -0.01 0.00	21.24 -0.13 0.00	29.75 0.06 0.00	27.85 0.41 0.00	33.02 0.43 0.00	33.70 0.39 0.00	31.43 0.29 0.00	34.65 0.24 0.00	41.06 0.36 0.00	46.84 0.39 0.00	32.45 0.17 0.00	32.15 0.07 0.00	29.25 -0.12 0.00	24.16 -0.11 0.00	20.62 0.11 0.00
JENNISON___2 23626	24.34 0.58 0.00	25.04 0.50 0.00	23.44 0.15 0.00	24.18 0.07 0.00	20.88 0.04 0.00	30.36 0.03 0.00	31.08 -0.06 0.00	30.68 -0.02 0.00	21.87 -0.04 0.00	20.98 -0.01 0.00	21.24 -0.13 0.00	29.75 0.06 0.00	27.85 0.41 0.00	33.02 0.43 0.00	33.70 0.39 0.00	31.43 0.29 0.00	34.65 0.24 0.00	41.06 0.36 0.00	46.84 0.39 0.00	32.45 0.17 0.00	32.15 0.07 0.00	29.25 -0.12 0.00	24.16 -0.11 0.00	20.62 0.11 0.00
JERICHO_RISE_WT_PWR 323719	24.11 0.36 0.00	24.93 0.40 0.00	23.65 0.35 0.00	24.50 0.39 0.00	21.17 0.33 0.00	30.76 0.43 0.00	31.55 0.42 0.00	31.09 0.39 0.00	22.11 0.20 0.00	21.20 0.21 0.00	21.60 0.23 0.00	30.25 0.55 0.00	28.09 0.65 0.00	33.56 0.97 0.00	34.26 0.95 0.00	32.07 0.93 0.00	35.16 0.75 0.00	41.16 0.46 0.00	46.00 -0.45 0.00	32.52 0.24 0.00	32.46 0.38 0.00	29.73 0.36 0.00	24.58 0.31 0.00	20.74 0.24 0.00
KATONAH___115KV_46KV_TB4 355592	24.83 1.07 0.00	25.67 1.14 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.84 1.00 0.00	31.76 1.43 0.00	32.58 1.44 0.00	32.15 1.45 0.00	23.11 1.20 0.00	22.19 1.21 0.00	22.58 1.21 0.00	31.19 1.50 0.00	28.81 1.37 0.00	33.99 1.40 0.00	34.62 1.31 0.00	32.32 1.18 0.00	35.86 1.46 0.00	42.80 2.10 0.00	49.09 2.64 0.00	33.98 1.71 0.00	33.80 1.72 0.00	31.02 1.64 0.00	25.58 1.30 0.00	21.55 1.05 0.00
KCE_NY_1 323755	25.01 1.25 0.00	25.91 1.38 0.00	24.58 1.29 0.00	25.45 1.34 0.00	22.00 1.15 0.00	32.04 1.70 0.00	32.95 1.81 0.00	32.52 1.81 0.00	23.12 1.21 0.00	22.10 1.12 0.00	22.40 1.03 0.00	30.92 1.22 0.00	28.51 1.07 0.00	33.96 1.37 0.00	34.82 1.50 0.00	32.69 1.55 0.00	36.19 1.79 0.00	42.83 2.13 0.00	48.95 2.50 0.00	34.01 1.74 0.00	33.77 1.69 0.00	30.90 1.53 0.00	25.51 1.23 0.00	21.51 1.01 0.00
KCE_NY_6_ESR 323823	22.67 -1.09 0.00	22.97 -1.56 0.00	21.88 -1.41 0.00	22.51 -1.60 0.00	19.54 -1.30 0.00	28.62 -1.72 0.00	29.48 -1.66 0.00	29.00 -1.70 0.00	20.61 -1.31 0.00	19.75 -1.23 0.00	20.18 -1.20 0.00	28.57 -1.13 0.00	26.48 -0.96 0.00	31.04 -1.56 0.00	31.61 -1.71 0.00	29.39 -1.75 0.00	32.53 -1.87 0.00	38.28 -2.42 0.00	43.34 -3.11 0.00	30.15 -2.13 0.00	29.68 -2.39 0.00	27.11 -2.26 0.00	22.61 -1.67 0.00	19.31 -1.19 0.00
KEDC_PORT_JEFF_GT2 24210	28.11 1.70 -2.66	26.12 1.59 0.00	26.65 1.86 -1.50	29.38 1.97 -3.30	33.28 1.65 -10.78	32.39 2.06 0.00	32.78 1.65 0.00	32.45 1.75 0.00	23.71 1.79 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.96 0.00	29.14 1.70 0.00	33.69 1.09 0.00	34.12 0.81 0.00	32.20 1.05 0.00	35.51 1.10 0.00	41.46 0.89 0.13	48.44 1.99 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.18 1.80 0.00	25.92 1.64 0.00	21.97 1.47 0.00
KEDC_PORT_JEFF_GT3 24211	28.11 1.70 -2.66	26.12 1.59 0.00	26.65 1.86 -1.50	29.38 1.97 -3.30	33.28 1.65 -10.78	32.39 2.06 0.00	32.78 1.65 0.00	32.45 1.75 0.00	23.71 1.79 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.96 0.00	29.14 1.70 0.00	33.69 1.09 0.00	34.12 0.81 0.00	32.20 1.05 0.00	35.51 1.10 0.00	41.46 0.89 0.13	48.44 1.99 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.18 1.80 0.00	25.92 1.64 0.00	21.97 1.47 0.00
KEDC_GLWD_GT4 24219	27.74 1.32 -2.66	25.88 1.35 0.00	26.22 1.43 -1.50	28.89 1.48 -3.30	32.86 1.23 -10.78	32.01 1.67 0.00	32.67 1.54 0.00	32.26 1.56 0.00	23.32 1.40 0.00	33.84 1.44 -11.41	25.34 1.43 -2.53	31.44 1.74 0.00	29.03 1.59 0.00	33.97 1.38 0.00	34.53 1.21 0.00	32.29 1.15 0.00	35.77 1.36 0.00	42.39 1.72 0.04	48.95 2.50 0.00	33.97 1.70 0.00	33.86 1.78 0.00	31.13 1.76 0.00	25.76 1.48 0.00	21.77 1.27 0.00
KEDC_GLWD_GT5 24220	27.74 1.32 -2.66	25.88 1.35 0.00	26.22 1.43 -1.50	28.89 1.48 -3.30	32.86 1.23 -10.78	32.01 1.67 0.00	32.67 1.54 0.00	32.26 1.56 0.00	23.32 1.40 0.00	33.84 1.44 -11.41	25.34 1.43 -2.53	31.44 1.74 0.00	29.03 1.59 0.00	33.97 1.38 0.00	34.53 1.21 0.00	32.29 1.15 0.00	35.77 1.36 0.00	42.39 1.72 0.04	48.95 2.50 0.00	33.97 1.70 0.00	33.86 1.78 0.00	31.13 1.76 0.00	25.76 1.48 0.00	21.77 1.27 0.00

KENSICO____ 23655	24.73 0.97 0.00	25.57 1.04 0.00	24.37 1.08 0.00	25.22 1.11 0.00	21.76 0.91 0.00	31.63 1.30 0.00	32.43 1.29 0.00	31.99 1.29 0.00	23.00 1.09 0.00	22.08 1.10 0.00	22.47 1.10 0.00	31.05 1.35 0.00	28.67 1.23 0.00	33.83 1.24 0.00	34.45 1.14 0.00	32.14 1.00 0.00	35.66 1.25 0.00	42.56 1.86 0.00	48.85 2.40 0.00	33.82 1.55 0.00	33.65 1.57 0.00	30.90 1.53 0.00	25.49 1.21 0.00	21.49 0.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.80 1.04 0.00	25.63 1.10 0.00	24.40 1.11 0.00	25.27 1.16 0.00	21.82 0.98 0.00	31.73 1.40 0.00	32.57 1.43 0.00	32.14 1.43 0.00	23.08 1.16 0.00	22.09 1.11 0.00	22.46 1.08 0.00	31.07 1.38 0.00	28.76 1.32 0.00	33.91 1.31 0.00	34.61 1.30 0.00	32.35 1.21 0.00	35.90 1.49 0.00	42.84 2.14 0.00	49.13 2.68 0.00	34.01 1.74 0.00	33.79 1.71 0.00	30.98 1.61 0.00	25.54 1.26 0.00	21.52 1.01 0.00
KIAC_JFK_GT1 23816	24.77 1.01 0.00	25.61 1.08 0.00	24.40 1.11 0.00	25.25 1.15 0.00	21.78 0.93 0.00	31.68 1.35 0.00	32.50 1.37 0.00	32.05 1.35 0.00	23.07 1.15 0.00	22.17 1.19 0.00	22.55 1.17 0.00	31.17 1.48 0.00	28.76 1.32 0.00	33.95 1.35 0.00	34.52 1.20 0.00	32.00 0.86 0.00	35.48 1.08 0.00	42.46 1.69 -0.07	48.66 2.21 0.00	33.62 1.35 0.00	33.44 1.36 0.00	30.94 1.57 0.00	25.51 1.23 0.00	21.49 0.98 0.00
KIAC_JFK_GT2 23817	24.77 1.01 0.00	25.61 1.08 0.00	24.40 1.11 0.00	25.25 1.15 0.00	21.78 0.93 0.00	31.68 1.35 0.00	32.50 1.37 0.00	32.05 1.35 0.00	23.07 1.15 0.00	22.17 1.19 0.00	22.55 1.17 0.00	31.17 1.48 0.00	28.76 1.32 0.00	33.95 1.35 0.00	34.52 1.20 0.00	32.00 0.86 0.00	35.48 1.08 0.00	42.46 1.69 -0.07	48.66 2.21 0.00	33.62 1.35 0.00	33.44 1.36 0.00	30.94 1.57 0.00	25.51 1.23 0.00	21.49 0.98 0.00
KIAC_JFK____ 323774	24.77 1.01 0.00	25.61 1.08 0.00	24.40 1.11 0.00	25.25 1.15 0.00	21.78 0.93 0.00	31.68 1.35 0.00	32.50 1.36 0.00	32.05 1.35 0.00	23.07 1.15 0.00	22.17 1.19 0.00	22.55 1.17 0.00	31.17 1.47 0.00	28.76 1.32 0.00	33.95 1.35 0.00	34.52 1.20 0.00	32.00 0.86 0.00	35.48 1.08 0.00	42.44 1.68 -0.07	48.66 2.21 0.00	33.62 1.35 0.00	33.44 1.36 0.00	30.94 1.57 0.00	25.51 1.23 0.00	21.49 0.98 0.00
KINTIGH____ 23543	22.38 -1.37 0.00	22.72 -1.81 0.00	21.68 -1.62 0.00	22.33 -1.78 0.00	19.36 -1.48 0.00	28.33 -2.01 0.00	29.14 -1.99 0.00	28.71 -2.00 0.00	20.41 -1.51 0.00	19.54 -1.44 0.00	19.93 -1.45 0.00	28.09 -1.60 0.00	26.01 -1.43 0.00	30.66 -1.93 0.00	31.30 -2.01 0.00	29.13 -2.01 0.00	32.25 -2.15 0.00	37.90 -2.80 0.00	43.05 -3.40 0.00	29.94 -2.33 0.00	29.53 -2.55 0.00	26.95 -2.43 0.00	22.46 -1.81 0.00	19.16 -1.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.41 0.66 0.00	25.25 0.72 0.00	23.98 0.68 0.00	24.80 0.69 0.00	21.48 0.63 0.00	31.18 0.85 0.00	32.03 0.90 0.00	31.53 0.83 0.00	22.40 0.48 0.00	21.43 0.45 0.00	21.83 0.46 0.00	30.54 0.84 0.00	28.41 0.97 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.48 1.34 0.00	35.52 1.11 0.00	41.63 0.94 0.00	46.47 0.02 0.00	32.93 0.65 0.00	32.86 0.77 0.00	30.10 0.73 0.00	24.86 0.58 0.00	21.00 0.50 0.00
LACHUTE__HYDRO 323717	26.02 2.26 0.00	27.15 2.62 0.00	25.71 2.42 0.00	26.50 2.39 0.00	22.99 2.14 0.00	33.60 3.27 0.00	34.70 3.56 0.00	34.26 3.55 0.00	24.00 2.08 0.00	22.84 1.86 0.00	23.13 1.76 0.00	31.77 2.08 0.00	29.58 2.14 0.00	35.50 2.90 0.00	36.28 2.96 0.00	34.44 3.30 0.00	38.37 3.96 0.00	44.96 4.26 0.00	51.25 4.80 0.00	35.84 3.57 0.00	35.23 3.15 0.00	32.09 2.72 0.00	26.48 2.20 0.00	22.30 1.80 0.00
LAWRNCALV_115KV_TB1 80681	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.83 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.15 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
LEDERLE____ 23769	24.72 0.96 0.00	25.56 1.03 0.00	24.35 1.06 0.00	25.21 1.10 0.00	21.76 0.91 0.00	31.66 1.33 0.00	32.47 1.33 0.00	32.03 1.33 0.00	23.01 1.10 0.00	22.07 1.09 0.00	22.46 1.09 0.00	31.06 1.36 0.00	28.67 1.23 0.00	33.85 1.25 0.00	34.48 1.16 0.00	32.15 1.01 0.00	35.68 1.27 0.00	42.64 1.94 0.00	48.96 2.50 0.00	33.89 1.62 0.00	33.70 1.62 0.00	30.94 1.56 0.00	25.52 1.24 0.00	21.51 1.00 0.00
LIGHTHSE_115KV_TB6 355974	23.49 -0.27 0.00	24.27 -0.27 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.54 -0.30 0.00	29.97 -0.36 0.00	30.54 -0.60 0.00	30.15 -0.56 0.00	21.53 -0.39 0.00	20.47 -0.51 0.00	20.91 -0.47 0.00	29.13 -0.57 0.00	27.09 -0.35 0.00	32.36 -0.24 0.00	33.14 -0.17 0.00	31.07 -0.07 0.00	34.28 -0.13 0.00	40.14 -0.56 0.00	45.72 -0.73 0.00	31.68 -0.59 0.00	31.41 -0.66 0.00	28.85 -0.53 0.00	23.88 -0.40 0.00	20.05 -0.46 0.00
LINDEN COGEN____ 23786	24.77 1.01 0.00	25.61 1.08 0.00	24.42 1.13 0.00	25.28 1.17 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.38 0.00	32.07 1.37 0.00	23.08 1.16 0.00	22.17 1.18 0.00	22.56 1.18 0.00	31.18 1.48 0.00	28.79 1.35 0.00	33.97 1.37 0.00	34.57 1.25 0.00	32.21 1.07 0.00	35.74 1.33 0.00	42.68 1.98 0.00	49.03 2.59 0.00	33.92 1.65 0.00	33.77 1.69 0.00	31.04 1.67 0.00	25.60 1.32 0.00	21.57 1.07 0.00
LINDHRST_69_KV_BK1 356055	28.17 1.75 -2.66	26.22 1.69 0.00	26.64 1.85 -1.50	29.33 1.93 -3.30	33.24 1.62 -10.78	32.41 2.08 0.00	32.91 1.78 0.00	32.57 1.86 0.00	23.69 1.77 0.00	34.22 1.82 -11.41	25.69 1.79 -2.53	31.81 2.11 0.00	29.35 1.91 0.00	33.97 1.38 0.00	34.48 1.17 0.00	32.40 1.26 0.00	35.74 1.33 0.00	42.20 1.61 0.11	48.87 2.42 0.00	34.09 1.82 0.00	34.06 1.98 0.00	31.35 1.97 0.00	26.04 1.76 0.00	22.06 1.56 0.00
LIPA_MISC_IPP 23656	28.02 1.60 -2.66	25.99 1.45 0.00	26.62 1.83 -1.50	29.38 1.97 -3.30	33.29 1.66 -10.78	32.32 1.98 0.00	32.65 1.51 0.00	32.32 1.62 0.00	23.69 1.77 0.00	34.28 1.88 -11.41	25.60 1.69 -2.53	31.55 1.85 0.00	28.98 1.55 0.00	33.53 0.94 0.00	33.95 0.64 0.00	32.10 0.95 0.00	35.38 0.97 0.00	41.40 0.84 0.13	48.15 1.70 0.00	33.77 1.49 0.00	33.78 1.70 0.00	31.08 1.71 0.00	25.83 1.55 0.00	21.89 1.39 0.00
LISF__SOLAR 323691	28.06 1.64 -2.66	26.02 1.49 0.00	26.66 1.87 -1.50	29.42 2.01 -3.30	33.32 1.69 -10.78	32.36 2.03 0.00	32.68 1.54 0.00	32.36 1.66 0.00	23.72 1.80 0.00	34.31 1.91 -11.41	25.62 1.71 -2.53	31.58 1.88 0.00	29.00 1.56 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.15 1.01 0.00	35.45 1.05 0.00	41.16 0.59 0.13	48.24 1.79 0.00	33.83 1.55 0.00	33.83 1.75 0.00	31.13 1.75 0.00	25.87 1.59 0.00	21.92 1.42 0.00

LITTLE FALLS___HYD 24013	24.25 0.49 0.00	25.12 0.59 0.00	23.81 0.52 0.00	24.62 0.51 0.00	21.26 0.42 0.00	30.94 0.60 0.00	31.83 0.70 0.00	31.37 0.67 0.00	22.18 0.27 0.00	21.16 0.17 0.00	21.40 0.02 0.00	29.60 -0.10 0.00	27.22 -0.22 0.00	32.60 0.01 0.00	33.58 0.27 0.00	31.68 0.54 0.00	34.87 0.46 0.00	41.53 0.83 0.00	47.43 0.98 0.00	32.93 0.66 0.00	32.76 0.69 0.00	30.00 0.63 0.00	24.83 0.55 0.00	20.95 0.45 0.00
LITTLRIV_115KV_TB1 356100	25.79 2.03 0.00	26.65 2.12 0.00	25.15 1.86 0.00	26.01 1.90 0.00	22.46 1.62 0.00	32.76 2.42 0.00	33.46 2.32 0.00	32.98 2.28 0.00	23.07 1.15 0.00	21.56 0.58 0.00	21.90 0.53 0.00	31.27 1.57 0.00	29.14 1.70 0.00	35.28 2.69 0.00	36.42 3.10 0.00	34.55 3.42 0.00	38.21 3.80 0.00	44.58 3.88 0.00	49.98 3.53 0.00	34.87 2.60 0.00	34.49 2.41 0.00	31.65 2.28 0.00	26.10 1.82 0.00	21.75 1.25 0.00
LI_NEWBRDGE___DRP 323616	27.76 1.34 -2.66	25.85 1.32 0.00	26.26 1.47 -1.50	28.93 1.52 -3.30	32.89 1.27 -10.78	31.97 1.63 0.00	32.51 1.37 0.00	32.13 1.43 0.00	23.32 1.41 0.00	33.86 1.46 -11.41	25.34 1.44 -2.53	31.36 1.67 0.00	28.94 1.50 0.00	33.64 1.04 0.00	34.11 0.79 0.00	31.99 0.85 0.00	35.37 0.96 0.00	41.73 1.19 0.16	48.34 1.89 0.00	33.65 1.38 0.00	33.60 1.52 0.00	30.92 1.55 0.00	25.67 1.39 0.00	21.76 1.25 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.35 -1.41 0.00	22.54 -1.99 0.00	21.51 -1.78 0.00	22.11 -2.00 0.00	19.21 -1.63 0.00	28.16 -2.17 0.00	29.04 -2.10 0.00	28.57 -2.13 0.00	20.24 -1.68 0.00	19.36 -1.62 0.00	19.76 -1.61 0.00	28.05 -1.65 0.00	25.99 -1.45 0.00	30.54 -2.06 0.00	31.15 -2.17 0.00	29.02 -2.13 0.00	32.16 -2.24 0.00	37.64 -3.06 0.00	42.64 -3.81 0.00	29.70 -2.57 0.00	29.25 -2.83 0.00	26.66 -2.71 0.00	22.32 -1.96 0.00	19.07 -1.43 0.00
LOCKPORT___CC1 323769	22.34 -1.42 0.00	22.54 -1.99 0.00	21.51 -1.78 0.00	22.11 -2.00 0.00	19.21 -1.63 0.00	28.16 -2.18 0.00	29.03 -2.11 0.00	28.55 -2.15 0.00	20.23 -1.69 0.00	19.36 -1.62 0.00	19.76 -1.61 0.00	28.03 -1.67 0.00	25.98 -1.46 0.00	30.51 -2.08 0.00	31.12 -2.20 0.00	28.98 -2.16 0.00	32.12 -2.29 0.00	37.69 -3.01 0.00	42.61 -3.85 0.00	29.66 -2.61 0.00	29.21 -2.87 0.00	26.64 -2.73 0.00	22.30 -1.98 0.00	19.05 -1.45 0.00
LOCKPORT___CC2 323770	22.34 -1.42 0.00	22.54 -1.99 0.00	21.51 -1.78 0.00	22.11 -2.00 0.00	19.21 -1.63 0.00	28.16 -2.18 0.00	29.03 -2.11 0.00	28.55 -2.15 0.00	20.23 -1.69 0.00	19.36 -1.62 0.00	19.76 -1.61 0.00	28.03 -1.67 0.00	25.98 -1.46 0.00	30.51 -2.08 0.00	31.12 -2.20 0.00	28.98 -2.16 0.00	32.12 -2.29 0.00	37.69 -3.01 0.00	42.61 -3.85 0.00	29.66 -2.61 0.00	29.21 -2.87 0.00	26.64 -2.73 0.00	22.30 -1.98 0.00	19.05 -1.45 0.00
LOCKPORT___CC3 323771	22.34 -1.42 0.00	22.54 -1.99 0.00	21.51 -1.78 0.00	22.11 -2.00 0.00	19.21 -1.63 0.00	28.16 -2.18 0.00	29.03 -2.11 0.00	28.55 -2.15 0.00	20.23 -1.69 0.00	19.36 -1.62 0.00	19.76 -1.61 0.00	28.03 -1.67 0.00	25.98 -1.46 0.00	30.51 -2.08 0.00	31.12 -2.20 0.00	28.98 -2.16 0.00	32.12 -2.29 0.00	37.69 -3.01 0.00	42.61 -3.85 0.00	29.66 -2.61 0.00	29.21 -2.87 0.00	26.64 -2.73 0.00	22.30 -1.98 0.00	19.05 -1.45 0.00
LONG_LAKE_PHOENIX 24014	23.16 -0.60 0.00	23.88 -0.65 0.00	22.66 -0.63 0.00	23.46 -0.65 0.00	20.29 -0.55 0.00	29.54 -0.79 0.00	30.32 -0.81 0.00	29.92 -0.79 0.00	21.34 -0.57 0.00	20.37 -0.61 0.00	20.76 -0.62 0.00	28.90 -0.79 0.00	26.77 -0.67 0.00	31.81 -0.78 0.00	32.53 -0.79 0.00	30.42 -0.72 0.00	33.66 -0.75 0.00	39.81 -0.89 0.00	45.43 -1.02 0.00	31.52 -0.75 0.00	31.27 -0.81 0.00	28.61 -0.77 0.00	23.65 -0.63 0.00	19.97 -0.53 0.00
LOVETT___3 23632	24.62 0.86 0.00	25.46 0.92 0.00	24.26 0.97 0.00	25.11 1.01 0.00	21.66 0.82 0.00	31.52 1.19 0.00	32.32 1.19 0.00	31.89 1.18 0.00	22.91 0.99 0.00	21.98 0.99 0.00	22.37 0.99 0.00	30.91 1.22 0.00	28.54 1.10 0.00	33.68 1.08 0.00	34.30 0.99 0.00	32.00 0.85 0.00	35.48 1.08 0.00	42.39 1.70 0.00	48.67 2.22 0.00	33.70 1.42 0.00	33.52 1.44 0.00	30.78 1.40 0.00	25.40 1.12 0.00	21.41 0.90 0.00
LOVETT___4 23642	24.62 0.86 0.00	25.46 0.92 0.00	24.26 0.97 0.00	25.11 1.01 0.00	21.66 0.82 0.00	31.52 1.19 0.00	32.32 1.19 0.00	31.89 1.18 0.00	22.91 0.99 0.00	21.98 0.99 0.00	22.37 0.99 0.00	30.91 1.22 0.00	28.54 1.10 0.00	33.68 1.08 0.00	34.30 0.99 0.00	32.00 0.85 0.00	35.48 1.08 0.00	42.39 1.70 0.00	48.67 2.22 0.00	33.70 1.42 0.00	33.52 1.44 0.00	30.78 1.40 0.00	25.40 1.12 0.00	21.41 0.90 0.00
LOVETT___5 23593	24.62 0.86 0.00	25.46 0.92 0.00	24.26 0.97 0.00	25.11 1.01 0.00	21.66 0.82 0.00	31.52 1.19 0.00	32.32 1.19 0.00	31.89 1.18 0.00	22.91 0.99 0.00	21.98 0.99 0.00	22.37 0.99 0.00	30.91 1.22 0.00	28.54 1.10 0.00	33.68 1.08 0.00	34.30 0.99 0.00	32.00 0.85 0.00	35.48 1.08 0.00	42.39 1.70 0.00	48.67 2.22 0.00	33.70 1.42 0.00	33.52 1.44 0.00	30.78 1.40 0.00	25.40 1.12 0.00	21.41 0.90 0.00
LOWER RAQUET___HYD 24057	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.82 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.16 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
LOWER___HUDSON 24059	24.66 0.90 0.00	25.55 1.02 0.00	24.26 0.96 0.00	25.09 0.98 0.00	21.68 0.84 0.00	31.58 1.24 0.00	32.46 1.32 0.00	32.03 1.33 0.00	22.86 0.94 0.00	21.89 0.90 0.00	22.20 0.83 0.00	30.55 0.85 0.00	28.21 0.77 0.00	33.61 1.01 0.00	34.45 1.14 0.00	32.31 1.17 0.00	35.74 1.33 0.00	42.29 1.59 0.00	48.38 1.93 0.00	33.64 1.36 0.00	33.46 1.38 0.00	30.64 1.26 0.00	25.29 1.01 0.00	21.33 0.83 0.00
LOWVILLE_115KV_TB2 356335	24.42 0.66 0.00	25.31 0.79 0.00	23.95 0.66 0.00	24.82 0.71 0.00	21.40 0.56 0.00	31.18 0.85 0.00	31.59 0.45 0.00	31.14 0.43 0.00	22.17 0.25 0.00	21.05 0.07 0.00	21.38 0.01 0.00	29.92 0.22 0.00	27.95 0.51 0.00	33.60 1.00 0.00	34.52 1.21 0.00	32.54 1.40 0.00	35.80 1.39 0.00	41.29 0.59 0.00	46.69 0.24 0.00	32.37 0.10 0.00	32.05 -0.03 0.00	29.71 0.34 0.00	24.64 0.36 0.00	20.34 -0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.00 1.25 0.00	25.90 1.36 0.00	24.57 1.28 0.00	25.43 1.32 0.00	21.98 1.14 0.00	32.02 1.69 0.00	32.93 1.79 0.00	32.50 1.80 0.00	23.11 1.19 0.00	22.09 1.11 0.00	22.40 1.02 0.00	30.89 1.20 0.00	28.49 1.05 0.00	33.94 1.35 0.00	34.79 1.48 0.00	32.66 1.52 0.00	36.17 1.77 0.00	42.80 2.10 0.00	48.92 2.47 0.00	33.98 1.71 0.00	33.75 1.67 0.00	30.88 1.50 0.00	25.50 1.22 0.00	21.49 0.99 0.00

LUTHERNY_35_KV_BK2 355980	25.02 1.26 0.00	25.91 1.38 0.00	24.58 1.29 0.00	25.45 1.34 0.00	22.00 1.15 0.00	32.04 1.70 0.00	32.95 1.81 0.00	32.52 1.81 0.00	23.12 1.21 0.00	22.11 1.12 0.00	22.40 1.03 0.00	30.92 1.22 0.00	28.51 1.07 0.00	33.96 1.37 0.00	34.81 1.50 0.00	32.69 1.55 0.00	36.20 1.79 0.00	42.84 2.14 0.00	48.95 2.50 0.00	34.02 1.74 0.00	33.77 1.69 0.00	30.90 1.53 0.00	25.51 1.24 0.00	21.51 1.01 0.00
LWR___OSWEGATCHIE_HYD 23850	24.85 1.09 0.00	25.73 1.20 0.00	24.31 1.02 0.00	25.17 1.06 0.00	21.71 0.86 0.00	31.64 1.31 0.00	32.16 1.02 0.00	31.71 1.01 0.00	22.43 0.51 0.00	21.16 0.18 0.00	21.53 0.15 0.00	30.33 0.63 0.00	28.32 0.88 0.00	34.16 1.56 0.00	35.16 1.85 0.00	33.20 2.06 0.00	36.60 2.20 0.00	42.43 1.74 0.00	47.80 1.35 0.00	33.25 0.98 0.00	32.90 0.82 0.00	30.34 0.97 0.00	25.09 0.81 0.00	20.85 0.34 0.00
LYONS_FALL_HYD 23570	24.35 0.59 0.00	25.20 0.67 0.00	23.87 0.58 0.00	24.73 0.62 0.00	21.35 0.51 0.00	31.11 0.78 0.00	31.69 0.55 0.00	31.22 0.52 0.00	22.24 0.32 0.00	21.17 0.19 0.00	21.52 0.14 0.00	30.03 0.33 0.00	27.93 0.49 0.00	33.46 0.86 0.00	34.37 1.05 0.00	32.31 1.17 0.00	35.62 1.21 0.00	41.46 0.76 0.00	47.04 0.59 0.00	32.63 0.35 0.00	32.34 0.26 0.00	29.83 0.45 0.00	24.69 0.41 0.00	20.55 0.04 0.00
MADISON___COUNTY_LFGE 323628	24.22 0.45 0.00	24.99 0.45 0.00	23.72 0.42 0.00	24.57 0.46 0.00	21.26 0.41 0.00	30.96 0.63 0.00	31.78 0.65 0.00	31.32 0.62 0.00	22.29 0.37 0.00	21.26 0.28 0.00	21.59 0.22 0.00	30.06 0.37 0.00	27.80 0.36 0.00	33.22 0.63 0.00	34.17 0.86 0.00	32.02 0.88 0.00	35.40 0.99 0.00	41.70 1.00 0.00	47.51 1.06 0.00	32.95 0.68 0.00	32.67 0.59 0.00	29.92 0.55 0.00	24.71 0.43 0.00	20.80 0.30 0.00
MALONE___115KV_TB1 356076	24.74 0.98 0.00	25.56 1.03 0.00	24.20 0.91 0.00	25.07 0.96 0.00	21.65 0.81 0.00	31.51 1.18 0.00	32.30 1.17 0.00	31.85 1.15 0.00	22.59 0.67 0.00	21.52 0.54 0.00	21.91 0.54 0.00	30.82 1.12 0.00	28.65 1.21 0.00	34.29 1.69 0.00	35.08 1.77 0.00	32.94 1.80 0.00	36.20 1.80 0.00	42.36 1.66 0.00	47.41 0.96 0.00	33.38 1.10 0.00	33.22 1.14 0.00	30.44 1.06 0.00	25.14 0.86 0.00	21.13 0.62 0.00
MAPLEWOD_115KV_TB3 80458	24.67 0.90 0.00	25.54 1.01 0.00	24.26 0.96 0.00	25.09 0.98 0.00	21.68 0.84 0.00	31.57 1.23 0.00	32.43 1.29 0.00	32.00 1.30 0.00	22.85 0.94 0.00	21.88 0.90 0.00	22.20 0.83 0.00	30.61 0.91 0.00	28.29 0.85 0.00	33.68 1.08 0.00	34.51 1.20 0.00	32.35 1.21 0.00	35.80 1.40 0.00	42.40 1.70 0.00	48.51 2.06 0.00	33.69 1.42 0.00	33.52 1.44 0.00	30.69 1.32 0.00	25.32 1.04 0.00	21.36 0.86 0.00
MAPLE_RIDGE_WT_1 323574	23.45 -0.30 0.00	24.12 -0.42 0.00	22.73 -0.56 0.00	23.58 -0.53 0.00	20.39 -0.46 0.00	29.71 -0.62 0.00	30.55 -0.59 0.00	29.95 -0.75 0.00	21.41 -0.51 0.00	20.49 -0.49 0.00	21.02 -0.36 0.00	29.44 -0.26 0.00	27.31 -0.14 0.00	32.49 -0.10 0.00	33.19 -0.12 0.00	31.03 -0.12 0.00	33.79 -0.61 0.00	39.41 -1.29 0.00	44.73 -1.72 0.00	1.84 -1.23 29.20	31.09 -0.98 0.00	28.54 -0.83 0.00	18.64 -0.70 4.94	-39.00 -0.76 58.75
MAPLE_RIDGE_WT_2 323611	23.45 -0.30 0.00	24.12 -0.42 0.00	22.73 -0.56 0.00	23.58 -0.53 0.00	20.39 -0.46 0.00	29.71 -0.62 0.00	30.55 -0.59 0.00	29.95 -0.75 0.00	21.41 -0.51 0.00	20.49 -0.49 0.00	21.02 -0.36 0.00	29.44 -0.26 0.00	27.31 -0.14 0.00	32.49 -0.10 0.00	33.19 -0.12 0.00	31.03 -0.12 0.00	33.79 -0.61 0.00	39.41 -1.29 0.00	44.73 -1.72 0.00	1.84 -1.23 29.20	31.09 -0.98 0.00	28.54 -0.83 0.00	18.64 -0.70 4.94	-39.00 -0.76 58.75
MARBLE_RIVER_WT_PWR 323696	24.09 0.33 0.00	24.91 0.38 0.00	23.64 0.35 0.00	24.48 0.37 0.00	21.17 0.33 0.00	30.75 0.42 0.00	31.55 0.42 0.00	31.08 0.38 0.00	22.10 0.19 0.00	21.19 0.21 0.00	21.60 0.23 0.00	30.20 0.50 0.00	28.05 0.60 0.00	33.50 0.90 0.00	34.20 0.88 0.00	32.01 0.87 0.00	35.08 0.67 0.00	41.09 0.39 0.00	45.96 -0.49 0.00	32.50 0.22 0.00	32.43 0.36 0.00	29.72 0.34 0.00	24.57 0.29 0.00	20.74 0.24 0.00
MARSHVLE_115KV_TB1 80742	24.96 1.20 0.00	25.68 1.15 0.00	24.35 1.06 0.00	25.22 1.11 0.00	21.80 0.96 0.00	31.76 1.43 0.00	32.58 1.45 0.00	32.06 1.35 0.00	22.60 0.69 0.00	21.52 0.54 0.00	21.88 0.51 0.00	30.59 0.89 0.00	28.29 0.85 0.00	33.97 1.37 0.00	35.03 1.71 0.00	32.81 1.67 0.00	36.23 1.82 0.00	42.85 2.15 0.00	48.72 2.27 0.00	33.80 1.53 0.00	33.52 1.44 0.00	30.63 1.26 0.00	25.39 1.11 0.00	21.43 0.93 0.00
MARSH_HILL_WT_PWR 323713	21.94 -1.82 0.00	22.40 -2.13 0.00	21.07 -2.23 0.00	21.59 -2.52 0.00	18.81 -2.04 0.00	27.31 -3.03 0.00	28.25 -2.89 0.00	27.79 -2.91 0.00	19.79 -2.13 0.00	19.14 -1.84 0.00	19.81 -1.57 0.00	28.33 -1.36 0.00	26.32 -1.12 0.00	30.21 -2.39 0.00	30.69 -2.62 0.00	28.84 -2.30 0.00	31.45 -2.95 0.00	37.27 -3.43 0.00	42.24 -4.21 0.00	29.27 -3.00 0.00	28.79 -3.29 0.00	26.45 -2.92 0.00	21.93 -2.35 0.00	18.71 -1.79 0.00
MCINTYRE_115KV_TB2 80467	26.16 2.40 0.00	27.03 2.50 0.00	25.50 2.21 0.00	26.38 2.27 0.00	22.79 1.94 0.00	33.25 2.92 0.00	33.99 2.85 0.00	33.49 2.79 0.00	23.28 1.37 0.00	21.64 0.66 0.00	21.97 0.60 0.00	31.54 1.85 0.00	29.40 1.96 0.00	35.71 3.11 0.00	36.93 3.61 0.00	35.13 3.99 0.00	38.90 4.49 0.00	45.45 4.76 0.00	50.92 4.47 0.00	35.52 3.25 0.00	35.09 3.02 0.00	32.18 2.81 0.00	26.51 2.23 0.00	22.07 1.57 0.00
MECO_____69_KV_BK1 80468	25.23 1.47 0.00	25.99 1.46 0.00	24.66 1.36 0.00	25.54 1.42 0.00	22.08 1.24 0.00	32.16 1.83 0.00	33.04 1.91 0.00	32.52 1.81 0.00	22.82 0.90 0.00	21.61 0.63 0.00	21.79 0.41 0.00	30.60 0.90 0.00	28.17 0.72 0.00	33.95 1.35 0.00	35.22 1.91 0.00	33.19 2.05 0.00	36.78 2.37 0.00	43.58 2.88 0.00	49.62 3.17 0.00	34.42 2.15 0.00	34.11 2.03 0.00	31.15 1.78 0.00	25.74 1.46 0.00	21.70 1.19 0.00
MENANDS___115KV_TB5 355628	24.59 0.83 0.00	25.48 0.94 0.00	24.19 0.90 0.00	25.02 0.92 0.00	21.62 0.78 0.00	31.48 1.14 0.00	32.33 1.19 0.00	31.91 1.21 0.00	22.80 0.88 0.00	21.83 0.85 0.00	22.17 0.80 0.00	30.55 0.86 0.00	28.22 0.78 0.00	33.58 0.98 0.00	34.41 1.10 0.00	32.24 1.10 0.00	35.67 1.26 0.00	42.23 1.54 0.00	48.34 1.89 0.00	33.57 1.30 0.00	33.41 1.33 0.00	30.60 1.23 0.00	25.26 0.98 0.00	21.31 0.80 0.00
MG INDUSTRY___DRP 24185	24.55 0.79 0.00	25.43 0.90 0.00	24.12 0.83 0.00	24.96 0.85 0.00	21.57 0.73 0.00	31.41 1.08 0.00	32.26 1.12 0.00	31.82 1.11 0.00	22.65 0.74 0.00	21.66 0.68 0.00	22.01 0.63 0.00	30.40 0.70 0.00	28.01 0.57 0.00	33.40 0.80 0.00	34.29 0.98 0.00	32.16 1.02 0.00	35.57 1.17 0.00	42.11 1.41 0.00	48.15 1.70 0.00	33.46 1.19 0.00	33.27 1.19 0.00	30.49 1.12 0.00	25.17 0.89 0.00	21.24 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	24.85 1.09 0.00	25.73 1.20 0.00	24.31 1.02 0.00	25.17 1.06 0.00	21.71 0.86 0.00	31.64 1.31 0.00	32.16 1.02 0.00	31.71 1.01 0.00	22.43 0.51 0.00	21.16 0.18 0.00	21.53 0.15 0.00	30.33 0.63 0.00	28.32 0.88 0.00	34.16 1.56 0.00	35.16 1.85 0.00	33.20 2.06 0.00	36.60 2.20 0.00	42.43 1.74 0.00	47.80 1.35 0.00	33.25 0.98 0.00	32.90 0.82 0.00	30.34 0.97 0.00	25.09 0.81 0.00	20.85 0.34 0.00
MID___RAQUETTE_HYD 23851	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.83 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.15 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
MILLIKEN___1 23584	23.82 0.07 0.00	24.54 0.01 0.00	23.26 -0.03 0.00	24.09 -0.02 0.00	20.83 -0.01 0.00	30.38 0.05 0.00	31.19 0.05 0.00	30.78 0.07 0.00	21.93 0.01 0.00	20.85 -0.13 0.00	21.21 -0.16 0.00	29.67 -0.03 0.00	27.50 0.06 0.00	32.70 0.10 0.00	33.47 0.15 0.00	31.34 0.20 0.00	34.61 0.20 0.00	41.02 0.32 0.00	46.90 0.45 0.00	32.52 0.25 0.00	32.23 0.15 0.00	29.45 0.07 0.00	24.29 0.02 0.00	20.52 0.02 0.00
MILLIKEN___2 23585	23.82 0.07 0.00	24.54 0.01 0.00	23.26 -0.03 0.00	24.09 -0.02 0.00	20.83 -0.01 0.00	30.38 0.05 0.00	31.19 0.05 0.00	30.78 0.07 0.00	21.93 0.01 0.00	20.85 -0.13 0.00	21.21 -0.16 0.00	29.67 -0.03 0.00	27.50 0.06 0.00	32.70 0.10 0.00	33.47 0.15 0.00	31.34 0.20 0.00	34.61 0.20 0.00	41.02 0.32 0.00	46.90 0.45 0.00	32.52 0.25 0.00	32.23 0.15 0.00	29.45 0.07 0.00	24.29 0.02 0.00	20.52 0.02 0.00
MILLIKEN___DIESEL 23629	23.82 0.07 0.00	24.54 0.01 0.00	23.26 -0.03 0.00	24.09 -0.02 0.00	20.83 -0.01 0.00	30.38 0.05 0.00	31.19 0.05 0.00	30.78 0.07 0.00	21.93 0.01 0.00	20.85 -0.13 0.00	21.21 -0.16 0.00	29.67 -0.03 0.00	27.50 0.06 0.00	32.70 0.10 0.00	33.47 0.15 0.00	31.34 0.20 0.00	34.61 0.20 0.00	41.02 0.32 0.00	46.90 0.45 0.00	32.52 0.25 0.00	32.23 0.15 0.00	29.45 0.07 0.00	24.29 0.02 0.00	20.52 0.02 0.00
MILLSEAT___LFGE 323607	22.80 -0.96 0.00	23.04 -1.49 0.00	21.97 -1.32 0.00	22.61 -1.50 0.00	19.64 -1.21 0.00	28.77 -1.56 0.00	29.66 -1.48 0.00	29.21 -1.50 0.00	20.65 -1.27 0.00	19.75 -1.23 0.00	20.14 -1.24 0.00	28.60 -1.10 0.00	26.55 -0.89 0.00	31.28 -1.32 0.00	31.92 -1.40 0.00	29.75 -1.39 0.00	32.99 -1.42 0.00	38.79 -1.91 0.00	43.87 -2.58 0.00	30.50 -1.77 0.00	30.03 -2.05 0.00	27.37 -2.01 0.00	22.84 -1.44 0.00	19.46 -1.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.69 0.93 0.00	25.53 1.00 0.00	24.32 1.03 0.00	25.17 1.06 0.00	21.72 0.87 0.00	31.59 1.25 0.00	32.39 1.25 0.00	31.95 1.25 0.00	22.97 1.05 0.00	22.03 1.06 0.00	22.43 1.05 0.00	30.99 1.30 0.00	28.61 1.17 0.00	33.77 1.18 0.00	34.40 1.09 0.00	32.10 0.96 0.00	35.60 1.19 0.00	42.50 1.81 0.00	48.77 2.32 0.00	33.76 1.49 0.00	33.59 1.51 0.00	30.85 1.47 0.00	25.45 1.18 0.00	21.45 0.95 0.00
MILLWOOD_13_KV_LOAD 356217	24.72 0.96 0.00	25.56 1.03 0.00	24.35 1.06 0.00	25.21 1.10 0.00	21.75 0.90 0.00	31.63 1.29 0.00	32.42 1.29 0.00	31.99 1.29 0.00	23.00 1.08 0.00	22.06 1.08 0.00	22.45 1.08 0.00	31.03 1.33 0.00	28.65 1.21 0.00	33.81 1.21 0.00	34.45 1.13 0.00	32.14 1.00 0.00	35.65 1.24 0.00	42.56 1.86 0.00	48.85 2.40 0.00	33.82 1.55 0.00	33.64 1.56 0.00	30.89 1.52 0.00	25.49 1.21 0.00	21.48 0.98 0.00
MODEL_CITY_ENERGY 24167	22.11 -1.64 0.00	22.30 -2.23 0.00	21.28 -2.01 0.00	21.87 -2.24 0.00	19.02 -1.83 0.00	27.88 -2.46 0.00	28.74 -2.39 0.00	28.26 -2.44 0.00	20.02 -1.90 0.00	19.16 -1.83 0.00	19.54 -1.83 0.00	27.73 -1.97 0.00	25.69 -1.75 0.00	30.18 -2.42 0.00	30.78 -2.54 0.00	28.69 -2.45 0.00	31.81 -2.60 0.00	37.28 -3.42 0.00	42.11 -4.34 0.00	29.34 -2.93 0.00	28.90 -3.18 0.00	26.35 -3.03 0.00	22.08 -2.20 0.00	18.87 -1.63 0.00
MODERN_LFGE___ 323580	22.11 -1.64 0.00	22.30 -2.23 0.00	21.28 -2.01 0.00	21.87 -2.24 0.00	19.02 -1.83 0.00	27.88 -2.46 0.00	28.74 -2.39 0.00	28.26 -2.44 0.00	20.02 -1.90 0.00	19.16 -1.83 0.00	19.54 -1.83 0.00	27.73 -1.97 0.00	25.69 -1.75 0.00	30.18 -2.42 0.00	30.78 -2.54 0.00	28.69 -2.45 0.00	31.81 -2.60 0.00	37.28 -3.42 0.00	42.11 -4.34 0.00	29.34 -2.93 0.00	28.90 -3.18 0.00	26.35 -3.03 0.00	22.08 -2.20 0.00	18.87 -1.63 0.00
MOHAWK_PAPER___DRP 24187	24.67 0.90 0.00	25.54 1.01 0.00	24.26 0.96 0.00	25.09 0.98 0.00	21.68 0.84 0.00	31.57 1.23 0.00	32.43 1.29 0.00	32.00 1.30 0.00	22.85 0.94 0.00	21.88 0.90 0.00	22.20 0.83 0.00	30.61 0.91 0.00	28.29 0.85 0.00	33.68 1.08 0.00	34.51 1.20 0.00	32.35 1.21 0.00	35.80 1.40 0.00	42.40 1.70 0.00	48.51 2.06 0.00	33.69 1.42 0.00	33.52 1.44 0.00	30.69 1.32 0.00	25.32 1.04 0.00	21.36 0.86 0.00
MOHICAN___35_KV_115KV_LD 80490	25.34 1.58 0.00	26.28 1.75 0.00	24.93 1.64 0.00	25.78 1.67 0.00	22.31 1.46 0.00	32.53 2.20 0.00	33.49 2.35 0.00	33.06 2.35 0.00	23.44 1.52 0.00	22.38 1.39 0.00	22.66 1.29 0.00	31.21 1.51 0.00	28.72 1.28 0.00	34.20 1.61 0.00	34.97 1.66 0.00	32.90 1.76 0.00	36.50 2.09 0.00	43.09 2.39 0.00	49.22 2.77 0.00	34.25 1.98 0.00	33.93 1.85 0.00	31.00 1.63 0.00	25.62 1.34 0.00	21.59 1.09 0.00
MONGAUP___HYD 23641	24.82 1.06 0.00	25.65 1.12 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.82 0.98 0.00	31.76 1.42 0.00	32.59 1.45 0.00	32.17 1.46 0.00	23.05 1.13 0.00	22.06 1.08 0.00	22.39 1.02 0.00	30.94 1.25 0.00	28.61 1.17 0.00	33.82 1.23 0.00	34.57 1.25 0.00	32.37 1.23 0.00	35.96 1.55 0.00	42.90 2.20 0.00	49.21 2.76 0.00	34.07 1.80 0.00	33.86 1.78 0.00	31.02 1.65 0.00	25.51 1.23 0.00	21.49 0.98 0.00
MONTAUK___DIESEL 23721	28.45 2.03 -2.66	26.52 1.99 0.00	27.23 2.44 -1.50	30.08 2.67 -3.30	33.90 2.27 -10.78	33.18 2.85 0.00	33.55 2.42 0.00	33.24 2.54 0.00	24.38 2.46 0.00	34.95 2.55 -11.41	26.14 2.23 -2.53	31.98 2.28 0.00	28.93 1.49 0.00	33.25 0.65 0.00	33.51 0.20 0.00	31.71 0.57 0.00	34.93 0.53 0.00	40.90 0.33 0.13	47.42 0.96 0.00	33.20 0.92 0.00	33.15 1.08 0.00	30.50 1.13 0.00	25.28 1.00 0.00	21.39 0.89 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.26 -1.50 0.00	22.43 -2.10 0.00	21.56 -1.73 0.00	22.12 -1.99 0.00	19.09 -1.75 0.00	27.93 -2.40 0.00	28.98 -2.16 0.00	28.35 -2.36 0.00	20.10 -1.82 0.00	19.39 -1.59 0.00	19.91 -1.46 0.00	28.18 -1.52 0.00	26.02 -1.42 0.00	30.20 -2.40 0.00	30.89 -2.43 0.00	28.85 -2.30 0.00	31.91 -2.49 0.00	37.36 -3.34 0.00	42.51 -3.94 0.00	29.48 -2.79 0.00	29.36 -2.72 0.00	26.75 -2.62 0.00	22.09 -2.19 0.00	18.98 -1.52 0.00

MORRIS_RIDGE___SOLAR 323848	22.27 -1.49 0.00	22.75 -1.78 0.00	21.53 -1.77 0.00	22.17 -1.94 0.00	19.23 -1.61 0.00	28.12 -2.21 0.00	28.98 -2.15 0.00	28.52 -2.19 0.00	20.21 -1.70 0.00	19.39 -1.59 0.00	19.97 -1.40 0.00	28.40 -1.30 0.00	26.32 -1.12 0.00	30.63 -1.96 0.00	31.01 -2.31 0.00	28.93 -2.21 0.00	31.91 -2.50 0.00	37.71 -2.99 0.00	42.91 -3.55 0.00	29.80 -2.47 0.00	29.35 -2.73 0.00	26.92 -2.45 0.00	22.35 -1.93 0.00	19.02 -1.48 0.00
MORTIMER_115KV_TB3 55949	22.89 -0.87 0.00	23.35 -1.19 0.00	22.24 -1.06 0.00	22.93 -1.18 0.00	19.87 -0.98 0.00	29.02 -1.31 0.00	29.88 -1.26 0.00	29.45 -1.26 0.00	20.92 -1.00 0.00	20.01 -0.97 0.00	20.42 -0.95 0.00	28.72 -0.98 0.00	26.63 -0.81 0.00	31.50 -1.10 0.00	32.18 -1.13 0.00	30.01 -1.13 0.00	33.25 -1.16 0.00	39.17 -1.53 0.00	44.54 -1.91 0.00	30.94 -1.34 0.00	30.55 -1.53 0.00	27.88 -1.50 0.00	23.14 -1.13 0.00	19.66 -0.85 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.81 1.05 0.00	25.65 1.12 0.00	24.45 1.16 0.00	25.31 1.20 0.00	21.84 1.00 0.00	31.74 1.41 0.00	32.54 1.40 0.00	32.11 1.41 0.00	23.11 1.19 0.00	22.19 1.21 0.00	22.59 1.22 0.00	31.21 1.51 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.62 1.30 0.00	32.28 1.14 0.00	35.80 1.40 0.00	42.75 2.06 0.00	49.07 2.62 0.00	33.96 1.68 0.00	33.80 1.72 0.00	31.05 1.68 0.00	25.61 1.34 0.00	21.59 1.09 0.00
MUNSVILLE_WIND_PWR 323609	24.85 1.09 0.00	25.49 0.96 0.00	23.91 0.62 0.00	24.67 0.56 0.00	21.31 0.47 0.00	30.95 0.61 0.00	31.75 0.61 0.00	31.34 0.63 0.00	22.27 0.35 0.00	21.10 0.12 0.00	21.38 0.00 0.00	30.08 0.39 0.00	28.26 0.81 0.00	33.65 1.05 0.00	34.62 1.31 0.00	32.42 1.28 0.00	35.62 1.22 0.00	42.19 1.49 0.00	47.94 1.49 0.00	33.22 0.94 0.00	32.87 0.79 0.00	29.87 0.49 0.00	24.66 0.38 0.00	21.08 0.58 0.00
N SALMON___HYD 24042	24.74 0.98 0.00	25.56 1.03 0.00	24.21 0.91 0.00	25.07 0.96 0.00	21.65 0.81 0.00	31.51 1.18 0.00	32.30 1.17 0.00	31.85 1.15 0.00	22.59 0.67 0.00	21.52 0.54 0.00	21.91 0.54 0.00	30.82 1.12 0.00	28.65 1.21 0.00	34.29 1.69 0.00	35.08 1.77 0.00	32.94 1.80 0.00	36.20 1.80 0.00	42.37 1.67 0.00	47.41 0.96 0.00	33.37 1.10 0.00	33.22 1.14 0.00	30.43 1.06 0.00	25.14 0.86 0.00	21.13 0.62 0.00
N.AKRON__115KV_KNAPP 355671	22.68 -1.08 0.00	22.90 -1.63 0.00	21.85 -1.44 0.00	22.47 -1.64 0.00	19.52 -1.33 0.00	28.61 -1.73 0.00	29.49 -1.64 0.00	29.04 -1.67 0.00	20.54 -1.37 0.00	19.66 -1.32 0.00	20.05 -1.32 0.00	28.48 -1.22 0.00	26.41 -1.03 0.00	31.08 -1.52 0.00	31.71 -1.60 0.00	29.55 -1.59 0.00	32.76 -1.65 0.00	38.41 -2.29 0.00	43.52 -2.93 0.00	30.29 -1.98 0.00	29.81 -2.27 0.00	27.16 -2.21 0.00	22.70 -1.58 0.00	19.36 -1.14 0.00
N.BELMOR_69_KV_BK1 55787	27.91 1.49 -2.66	26.01 1.48 0.00	26.40 1.61 -1.50	29.07 1.67 -3.30	33.02 1.39 -10.78	32.16 1.83 0.00	32.73 1.59 0.00	32.35 1.65 0.00	23.46 1.54 0.00	34.00 1.60 -11.41	25.50 1.59 -2.53	31.58 1.89 0.00	29.15 1.71 0.00	33.90 1.30 0.00	34.40 1.08 0.00	32.23 1.09 0.00	35.66 1.25 0.00	42.20 1.56 0.05	48.77 2.32 0.00	33.92 1.65 0.00	33.86 1.78 0.00	31.17 1.80 0.00	25.85 1.58 0.00	21.90 1.39 0.00
N.E_GEN_SANDY PD 24062	23.64 0.86 0.98	25.55 1.02 0.00	23.63 0.97 0.63	25.07 0.96 0.00	21.65 0.81 0.00	31.65 1.22 -0.10	38.53 1.30 -6.09	45.70 1.31 -13.68	25.64 0.97 -2.75	22.56 0.95 -0.63	22.43 0.87 -0.18	30.31 0.79 0.17	28.19 0.75 0.00	33.85 1.01 -0.25	34.49 1.14 -0.04	40.23 1.15 -7.93	38.93 1.31 -3.22	42.20 1.53 0.03	49.93 1.92 -1.56	37.71 1.37 -4.06	50.17 1.42 -16.67	44.49 1.31 -13.80	30.24 1.06 -4.90	22.58 0.87 -1.20
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.66 0.90 0.00	25.49 0.96 0.00	24.29 1.00 0.00	25.15 1.04 0.00	21.69 0.85 0.00	31.57 1.24 0.00	32.38 1.24 0.00	31.94 1.23 0.00	22.95 1.03 0.00	22.00 1.03 0.00	22.40 1.03 0.00	30.97 1.27 0.00	28.59 1.15 0.00	33.74 1.14 0.00	34.37 1.06 0.00	32.05 0.91 0.00	35.56 1.15 0.00	42.49 1.79 0.00	48.77 2.32 0.00	33.76 1.49 0.00	33.58 1.51 0.00	30.83 1.46 0.00	25.44 1.17 0.00	21.45 0.94 0.00
N.QUEENS_27_KV_LOAD 356247	24.92 1.16 0.00	25.72 1.19 0.00	24.52 1.23 0.00	25.37 1.26 0.00	21.85 1.01 0.00	31.74 1.40 0.00	32.51 1.37 0.00	32.11 1.41 0.00	23.14 1.22 0.00	22.20 1.22 0.00	22.61 1.24 0.00	31.25 1.56 0.00	28.86 1.42 0.00	34.01 1.41 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.79 1.39 0.00	42.77 2.07 0.00	49.09 2.64 0.00	33.88 1.61 0.00	33.82 1.75 0.00	31.05 1.68 0.00	25.61 1.34 0.00	21.59 1.09 0.00
N.TROY___115KV_TB1 355778	24.66 0.90 0.00	25.55 1.02 0.00	24.26 0.96 0.00	25.09 0.98 0.00	21.68 0.84 0.00	31.58 1.24 0.00	32.46 1.32 0.00	32.03 1.33 0.00	22.86 0.94 0.00	21.89 0.90 0.00	22.20 0.83 0.00	30.55 0.85 0.00	28.22 0.77 0.00	33.61 1.01 0.00	34.45 1.14 0.00	32.31 1.17 0.00	35.74 1.33 0.00	42.29 1.59 0.00	48.38 1.94 0.00	33.64 1.36 0.00	33.46 1.38 0.00	30.64 1.26 0.00	25.29 1.01 0.00	21.33 0.83 0.00
NARROWS_GT1_1 24228	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT1_2 24229	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT1_3 24230	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT1_4 24231	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00

NARROWS_GT1_5 24232	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT1_6 24233	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT1_7 24234	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT1_8 24235	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_1 24236	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_2 24237	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_3 24238	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_4 24239	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_5 24240	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_6 24241	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_7 24242	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NARROWS_GT2_8 24243	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.69 1.99 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.15 1.39 0.00	26.04 1.51 0.00	24.66 1.37 0.00	25.54 1.43 0.00	22.09 1.25 0.00	32.17 1.84 0.00	33.11 1.98 0.00	32.72 2.01 0.00	23.28 1.36 0.00	22.14 1.16 0.00	22.40 1.03 0.00	30.85 1.15 0.00	28.45 1.01 0.00	34.08 1.48 0.00	35.21 1.89 0.00	33.20 2.05 0.00	36.80 2.39 0.00	43.55 2.85 0.00	49.71 3.26 0.00	34.50 2.23 0.00	34.24 2.16 0.00	31.28 1.91 0.00	25.77 1.49 0.00	21.71 1.21 0.00
NCHELSEA_115KV_TR2 355582	24.82 1.06 0.00	25.66 1.13 0.00	24.43 1.14 0.00	25.29 1.18 0.00	21.83 0.99 0.00	31.75 1.42 0.00	32.58 1.44 0.00	32.16 1.45 0.00	23.08 1.17 0.00	22.15 1.16 0.00	22.53 1.15 0.00	31.16 1.46 0.00	28.77 1.33 0.00	34.00 1.41 0.00	34.68 1.37 0.00	32.37 1.23 0.00	35.91 1.50 0.00	42.82 2.13 0.00	49.10 2.65 0.00	34.00 1.73 0.00	33.80 1.73 0.00	31.01 1.63 0.00	25.57 1.29 0.00	21.55 1.04 0.00
NEG CAPITAL___MECHNVIL 23645	25.00 1.24 0.00	25.89 1.36 0.00	24.56 1.27 0.00	25.42 1.31 0.00	21.98 1.13 0.00	32.01 1.68 0.00	32.92 1.78 0.00	32.50 1.80 0.00	23.12 1.20 0.00	22.11 1.13 0.00	22.41 1.04 0.00	30.91 1.22 0.00	28.53 1.09 0.00	33.98 1.39 0.00	34.86 1.55 0.00	32.72 1.58 0.00	36.23 1.82 0.00	42.88 2.18 0.00	49.02 2.57 0.00	34.05 1.77 0.00	33.82 1.75 0.00	30.93 1.56 0.00	25.53 1.26 0.00	21.53 1.02 0.00

NEG CENTRAL_HIGH_ACRES 23767	22.61 -1.14 0.00	23.10 -1.43 0.00	21.99 -1.30 0.00	22.71 -1.40 0.00	19.67 -1.17 0.00	28.71 -1.62 0.00	29.55 -1.59 0.00	29.13 -1.58 0.00	20.70 -1.21 0.00	19.80 -1.18 0.00	20.20 -1.18 0.00	28.34 -1.35 0.00	26.28 -1.16 0.00	31.14 -1.46 0.00	31.82 -1.49 0.00	29.71 -1.44 0.00	32.89 -1.52 0.00	38.83 -1.86 0.00	44.14 -2.31 0.00	30.65 -1.63 0.00	30.28 -1.80 0.00	27.63 -1.75 0.00	22.91 -1.37 0.00	19.42 -1.08 0.00
NEG CENTRAL___DRP 24199	23.31 -0.45 0.00	23.97 -0.56 0.00	22.73 -0.56 0.00	23.50 -0.61 0.00	20.35 -0.49 0.00	29.69 -0.65 0.00	30.54 -0.59 0.00	30.11 -0.60 0.00	21.44 -0.47 0.00	20.44 -0.54 0.00	20.84 -0.53 0.00	29.20 -0.50 0.00	27.07 -0.37 0.00	32.05 -0.54 0.00	32.73 -0.58 0.00	30.63 -0.51 0.00	33.81 -0.60 0.00	40.10 -0.60 0.00	45.82 -0.64 0.00	31.76 -0.51 0.00	31.44 -0.64 0.00	28.74 -0.63 0.00	23.72 -0.56 0.00	20.05 -0.45 0.00
NEG CENTRAL___INDECK 23768	23.26 -0.50 0.00	23.69 -0.84 0.00	22.48 -0.81 0.00	23.15 -0.96 0.00	20.09 -0.75 0.00	29.34 -0.99 0.00	30.28 -0.85 0.00	29.83 -0.87 0.00	21.07 -0.85 0.00	20.03 -0.95 0.00	20.61 -0.76 0.00	29.33 -0.36 0.00	27.31 -0.13 0.00	32.09 -0.50 0.00	32.64 -0.67 0.00	30.50 -0.64 0.00	33.74 -0.67 0.00	39.91 -0.79 0.00	45.32 -1.13 0.00	31.46 -0.81 0.00	30.97 -1.10 0.00	28.26 -1.11 0.00	23.43 -0.85 0.00	19.89 -0.61 0.00
NEG CENTRAL___SENECA 23627	23.28 -0.47 0.00	23.91 -0.62 0.00	22.66 -0.63 0.00	23.40 -0.71 0.00	20.27 -0.57 0.00	29.58 -0.75 0.00	30.48 -0.66 0.00	30.03 -0.68 0.00	21.37 -0.55 0.00	20.36 -0.62 0.00	20.77 -0.61 0.00	29.22 -0.48 0.00	27.10 -0.34 0.00	32.01 -0.58 0.00	32.65 -0.66 0.00	30.58 -0.57 0.00	33.72 -0.69 0.00	40.02 -0.68 0.00	45.71 -0.74 0.00	31.70 -0.58 0.00	31.36 -0.72 0.00	28.67 -0.71 0.00	23.63 -0.65 0.00	20.00 -0.50 0.00
NEG CENTRAL___STATE_STREET 24147	23.53 -0.23 0.00	24.22 -0.31 0.00	22.98 -0.32 0.00	23.80 -0.31 0.00	20.59 -0.25 0.00	30.09 -0.25 0.00	30.91 -0.22 0.00	30.49 -0.21 0.00	21.73 -0.18 0.00	20.71 -0.27 0.00	21.10 -0.28 0.00	29.38 -0.31 0.00	27.22 -0.22 0.00	32.32 -0.28 0.00	33.13 -0.18 0.00	31.01 -0.14 0.00	34.17 -0.24 0.00	40.46 -0.24 0.00	46.35 -0.10 0.00	32.14 -0.13 0.00	31.87 -0.21 0.00	29.14 -0.23 0.00	24.07 -0.21 0.00	20.27 -0.23 0.00
NEG MILLWOOD___DRP 24198	24.92 1.15 0.00	25.76 1.23 0.00	24.53 1.24 0.00	25.40 1.29 0.00	21.91 1.07 0.00	31.88 1.54 0.00	32.70 1.57 0.00	32.28 1.58 0.00	23.20 1.28 0.00	22.27 1.29 0.00	22.65 1.28 0.00	31.31 1.61 0.00	28.89 1.45 0.00	34.14 1.54 0.00	34.79 1.48 0.00	32.47 1.33 0.00	36.05 1.64 0.00	43.01 2.31 0.00	49.32 2.87 0.00	34.14 1.86 0.00	33.94 1.86 0.00	31.13 1.76 0.00	25.67 1.39 0.00	21.63 1.12 0.00
NEG NORTH_FLCN_SEA 23793	24.23 0.47 0.00	25.09 0.56 0.00	23.83 0.54 0.00	24.65 0.54 0.00	21.34 0.50 0.00	30.98 0.64 0.00	31.82 0.68 0.00	31.32 0.61 0.00	22.24 0.32 0.00	21.30 0.32 0.00	21.72 0.34 0.00	30.33 0.64 0.00	28.22 0.78 0.00	33.76 1.17 0.00	34.44 1.13 0.00	32.28 1.14 0.00	35.17 0.76 0.00	41.18 0.49 0.00	45.98 -0.47 0.00	32.65 0.38 0.00	32.61 0.53 0.00	29.88 0.51 0.00	24.70 0.42 0.00	20.88 0.38 0.00
NEG NORTH_KES_CHATEGAY 23792	24.16 0.41 0.00	24.99 0.46 0.00	23.69 0.40 0.00	24.54 0.43 0.00	21.22 0.38 0.00	30.82 0.49 0.00	31.63 0.49 0.00	31.17 0.46 0.00	22.15 0.24 0.00	21.21 0.23 0.00	21.61 0.23 0.00	30.28 0.58 0.00	28.13 0.69 0.00	33.62 1.02 0.00	34.31 0.99 0.00	32.14 0.99 0.00	35.25 0.85 0.00	41.27 0.58 0.00	46.16 -0.29 0.00	32.62 0.35 0.00	32.54 0.46 0.00	29.80 0.43 0.00	24.64 0.36 0.00	20.79 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	24.41 0.66 0.00	25.25 0.72 0.00	23.98 0.68 0.00	24.80 0.69 0.00	21.48 0.63 0.00	31.18 0.85 0.00	32.03 0.90 0.00	31.53 0.83 0.00	22.40 0.48 0.00	21.43 0.45 0.00	21.83 0.46 0.00	30.54 0.84 0.00	28.41 0.97 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.48 1.34 0.00	35.52 1.11 0.00	41.63 0.94 0.00	46.47 0.02 0.00	32.93 0.65 0.00	32.86 0.77 0.00	30.10 0.73 0.00	24.86 0.58 0.00	21.00 0.50 0.00
NEG NORTH___LWR_SARANAC 23913	24.41 0.66 0.00	25.25 0.72 0.00	23.98 0.68 0.00	24.80 0.69 0.00	21.48 0.63 0.00	31.18 0.85 0.00	32.03 0.90 0.00	31.53 0.83 0.00	22.40 0.48 0.00	21.43 0.45 0.00	21.83 0.46 0.00	30.54 0.84 0.00	28.41 0.97 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.48 1.34 0.00	35.52 1.11 0.00	41.63 0.94 0.00	46.47 0.02 0.00	32.93 0.65 0.00	32.86 0.77 0.00	30.10 0.73 0.00	24.86 0.58 0.00	21.00 0.50 0.00
NEG NORTH___PLATTSBURG 23628	24.42 0.66 0.00	25.25 0.72 0.00	23.97 0.68 0.00	24.80 0.69 0.00	21.48 0.63 0.00	31.18 0.84 0.00	32.03 0.90 0.00	31.53 0.83 0.00	22.40 0.48 0.00	21.43 0.45 0.00	21.83 0.46 0.00	30.54 0.84 0.00	28.42 0.97 0.00	33.98 1.38 0.00	34.66 1.35 0.00	32.48 1.34 0.00	35.52 1.11 0.00	41.63 0.94 0.00	46.47 0.02 0.00	32.93 0.65 0.00	32.86 0.77 0.00	30.10 0.73 0.00	24.86 0.58 0.00	21.00 0.50 0.00
NEG WEST_LEA_LOCKPORT 23791	22.34 -1.42 0.00	22.54 -1.99 0.00	21.51 -1.78 0.00	22.11 -2.00 0.00	19.20 -1.64 0.00	28.16 -2.18 0.00	29.02 -2.11 0.00	28.55 -2.15 0.00	20.23 -1.69 0.00	19.36 -1.62 0.00	19.76 -1.61 0.00	28.03 -1.67 0.00	25.98 -1.47 0.00	30.51 -2.08 0.00	31.12 -2.20 0.00	28.98 -2.17 0.00	32.12 -2.28 0.00	37.60 -3.10 0.00	42.61 -3.84 0.00	29.67 -2.61 0.00	29.21 -2.87 0.00	26.64 -2.73 0.00	22.30 -1.98 0.00	19.06 -1.45 0.00
NEG WEST___LANCASTER 23811	23.17 -0.59 0.00	23.59 -0.94 0.00	22.48 -0.81 0.00	23.15 -0.96 0.00	20.07 -0.77 0.00	29.37 -0.96 0.00	30.18 -0.95 0.00	29.72 -0.98 0.00	21.18 -0.74 0.00	20.33 -0.65 0.00	20.76 -0.61 0.00	29.31 -0.39 0.00	27.08 -0.36 0.00	31.80 -0.79 0.00	32.42 -0.90 0.00	30.14 -1.00 0.00	33.30 -1.10 0.00	39.26 -1.43 0.00	44.71 -1.74 0.00	31.02 -1.25 0.00	30.56 -1.52 0.00	27.93 -1.45 0.00	23.23 -1.04 0.00	19.85 -0.66 0.00
NEG_PENN_ALLEGHNY 23528	23.53 -0.23 0.00	24.32 -0.21 0.00	23.05 -0.24 0.00	23.85 -0.26 0.00	20.63 -0.22 0.00	30.09 -0.24 0.00	30.83 -0.31 0.00	30.40 -0.30 0.00	21.73 -0.18 0.00	20.83 -0.15 0.00	21.23 -0.14 0.00	29.67 -0.03 0.00	27.39 -0.06 0.00	32.34 -0.25 0.00	32.98 -0.33 0.00	30.84 -0.31 0.00	34.08 -0.32 0.00	40.47 -0.23 0.00	46.35 -0.10 0.00	32.14 -0.13 0.00	31.85 -0.23 0.00	29.14 -0.23 0.00	24.04 -0.24 0.00	20.33 -0.17 0.00
NEG___GEN_MONROE 24207	23.02 -0.74 0.00	23.43 -1.10 0.00	22.34 -0.95 0.00	23.02 -1.09 0.00	19.94 -0.90 0.00	29.15 -1.18 0.00	30.02 -1.12 0.00	29.59 -1.11 0.00	20.99 -0.93 0.00	20.04 -0.94 0.00	20.46 -0.92 0.00	28.84 -0.85 0.00	26.79 -0.65 0.00	31.67 -0.93 0.00	32.35 -0.96 0.00	30.19 -0.96 0.00	33.45 -0.96 0.00	39.38 -1.32 0.00	44.76 -1.69 0.00	31.09 -1.19 0.00	30.67 -1.40 0.00	27.98 -1.40 0.00	23.24 -1.04 0.00	19.72 -0.78 0.00

NEPA__ENERGY 23901	22.52 -1.24 0.00	22.77 -1.76 0.00	21.75 -1.55 0.00	22.36 -1.75 0.00	19.38 -1.46 0.00	28.39 -1.94 0.00	29.28 -1.86 0.00	28.79 -1.91 0.00	20.44 -1.48 0.00	19.63 -1.35 0.00	20.09 -1.29 0.00	28.43 -1.27 0.00	26.31 -1.13 0.00	30.79 -1.81 0.00	31.40 -1.91 0.00	29.23 -1.91 0.00	32.36 -2.05 0.00	37.95 -2.75 0.00	43.10 -3.35 0.00	29.98 -2.29 0.00	29.58 -2.50 0.00	26.98 -2.39 0.00	22.46 -1.82 0.00	19.19 -1.32 0.00
NEVERSink__HYD 23608	24.85 1.09 0.00	25.68 1.15 0.00	24.43 1.14 0.00	25.30 1.19 0.00	21.85 1.00 0.00	31.79 1.46 0.00	32.62 1.49 0.00	32.20 1.49 0.00	23.09 1.18 0.00	22.11 1.13 0.00	22.48 1.10 0.00	31.14 1.45 0.00	28.80 1.36 0.00	33.98 1.38 0.00	34.71 1.40 0.00	32.44 1.30 0.00	36.00 1.59 0.00	42.91 2.21 0.00	49.20 2.76 0.00	34.07 1.80 0.00	33.84 1.77 0.00	31.02 1.65 0.00	25.57 1.29 0.00	21.54 1.04 0.00
NEWKRMKL_115KV_TB1 55635	24.62 0.86 0.00	25.49 0.95 0.00	24.19 0.90 0.00	25.04 0.93 0.00	21.64 0.80 0.00	31.49 1.16 0.00	32.35 1.21 0.00	31.92 1.22 0.00	22.80 0.88 0.00	21.84 0.85 0.00	22.18 0.81 0.00	30.60 0.90 0.00	28.26 0.82 0.00	33.62 1.02 0.00	34.45 1.14 0.00	32.28 1.14 0.00	35.71 1.31 0.00	42.31 1.61 0.00	48.39 1.94 0.00	33.61 1.34 0.00	33.43 1.35 0.00	30.61 1.24 0.00	25.27 0.99 0.00	21.32 0.81 0.00
NEWTON__FALLS_HYD 23847	24.85 1.09 0.00	25.73 1.20 0.00	24.31 1.02 0.00	25.17 1.06 0.00	21.71 0.86 0.00	31.64 1.31 0.00	32.16 1.02 0.00	31.71 1.01 0.00	22.43 0.51 0.00	21.16 0.18 0.00	21.53 0.15 0.00	30.33 0.63 0.00	28.32 0.88 0.00	34.16 1.56 0.00	35.16 1.85 0.00	33.20 2.06 0.00	36.60 2.20 0.00	42.43 1.74 0.00	47.80 1.35 0.00	33.25 0.98 0.00	32.90 0.82 0.00	30.34 0.97 0.00	25.09 0.81 0.00	20.85 0.34 0.00
NGRID_A1_DSASP 323792	22.16 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.07 -1.77 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.77 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.24 -2.36 0.00	30.82 -2.50 0.00	28.55 -2.59 0.00	31.67 -2.73 0.00	37.13 -3.57 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.80 -1.70 0.00
NGRID_A2_DSASP 323793	22.16 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.07 -1.77 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.77 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.24 -2.36 0.00	30.82 -2.50 0.00	28.55 -2.59 0.00	31.67 -2.73 0.00	37.13 -3.57 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.80 -1.70 0.00
NGRID_A4_DSASP 323807	22.16 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.07 -1.77 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.77 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.24 -2.36 0.00	30.82 -2.50 0.00	28.55 -2.59 0.00	31.67 -2.73 0.00	37.13 -3.57 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.80 -1.70 0.00
NIAGARA_115E_LBMP 323715	21.98 -1.78 0.00	22.16 -2.37 0.00	21.15 -2.14 0.00	21.73 -2.38 0.00	18.90 -1.94 0.00	27.71 -2.63 0.00	28.57 -2.57 0.00	28.08 -2.62 0.00	19.89 -2.02 0.00	19.03 -1.95 0.00	19.41 -1.96 0.00	27.55 -2.14 0.00	25.51 -1.93 0.00	29.96 -2.63 0.00	30.57 -2.74 0.00	28.50 -2.64 0.00	31.60 -2.80 0.00	37.02 -3.68 0.00	41.80 -4.65 0.00	29.13 -3.14 0.00	28.70 -3.38 0.00	26.16 -3.21 0.00	21.94 -2.34 0.00	18.76 -1.74 0.00
NIAGARA_115W_LBMP 323714	22.13 -1.63 0.00	22.33 -2.20 0.00	21.32 -1.97 0.00	21.92 -2.19 0.00	19.04 -1.80 0.00	27.91 -2.43 0.00	28.76 -2.38 0.00	28.30 -2.40 0.00	20.07 -1.85 0.00	19.19 -1.79 0.00	19.57 -1.80 0.00	27.71 -1.99 0.00	25.68 -1.76 0.00	30.18 -2.41 0.00	30.76 -2.55 0.00	28.50 -2.65 0.00	31.60 -2.80 0.00	37.05 -3.65 0.00	41.87 -4.58 0.00	29.15 -3.12 0.00	28.73 -3.35 0.00	26.20 -3.18 0.00	21.93 -2.35 0.00	18.77 -1.74 0.00
NIAGARA_230_LBMP 323716	22.19 -1.57 0.00	22.43 -2.11 0.00	21.41 -1.88 0.00	22.02 -2.09 0.00	19.12 -1.72 0.00	28.00 -2.33 0.00	28.84 -2.29 0.00	28.38 -2.33 0.00	20.14 -1.78 0.00	19.27 -1.71 0.00	19.65 -1.73 0.00	27.80 -1.90 0.00	25.75 -1.69 0.00	30.29 -2.31 0.00	30.89 -2.42 0.00	28.74 -2.40 0.00	31.86 -2.55 0.00	37.38 -3.32 0.00	42.29 -4.16 0.00	29.44 -2.83 0.00	29.01 -3.07 0.00	26.46 -2.91 0.00	22.14 -2.14 0.00	18.94 -1.57 0.00
NIAGARA__115KV_198_GIBSON 55903	22.13 -1.63 0.00	22.33 -2.20 0.00	21.32 -1.97 0.00	21.92 -2.19 0.00	19.03 -1.81 0.00	27.91 -2.43 0.00	28.75 -2.39 0.00	28.30 -2.41 0.00	20.07 -1.85 0.00	19.19 -1.79 0.00	19.57 -1.81 0.00	27.71 -1.99 0.00	25.68 -1.76 0.00	30.18 -2.41 0.00	30.76 -2.55 0.00	28.49 -2.65 0.00	31.60 -2.80 0.00	36.95 -3.75 0.00	41.86 -4.59 0.00	29.15 -3.12 0.00	28.73 -3.35 0.00	26.20 -3.17 0.00	21.93 -2.35 0.00	18.77 -1.73 0.00
NIAGARA____ 23760	22.19 -1.57 0.00	22.43 -2.11 0.00	21.41 -1.88 0.00	22.02 -2.09 0.00	19.12 -1.72 0.00	28.00 -2.33 0.00	28.84 -2.29 0.00	28.38 -2.33 0.00	20.14 -1.78 0.00	19.27 -1.71 0.00	19.65 -1.73 0.00	27.80 -1.90 0.00	25.75 -1.69 0.00	30.29 -2.31 0.00	30.89 -2.42 0.00	28.74 -2.40 0.00	31.86 -2.55 0.00	37.38 -3.32 0.00	42.29 -4.16 0.00	29.44 -2.83 0.00	29.01 -3.07 0.00	26.46 -2.91 0.00	22.14 -2.14 0.00	18.94 -1.57 0.00
NINE_MILE_1 23575	22.93 -0.83 0.00	23.64 -0.89 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.04 -1.10 0.00	29.63 -1.08 0.00	21.14 -0.78 0.00	20.22 -0.76 0.00	20.61 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.19 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.35 -1.35 0.00	44.90 -1.55 0.00	31.17 -1.10 0.00	30.94 -1.14 0.00	28.32 -1.05 0.00	23.41 -0.86 0.00	19.79 -0.72 0.00
NINE_MILE_2 23744	22.94 -0.82 0.00	23.64 -0.89 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.04 -1.10 0.00	29.63 -1.08 0.00	21.14 -0.78 0.00	20.22 -0.76 0.00	20.61 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.20 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.35 -1.35 0.00	44.90 -1.55 0.00	31.18 -1.09 0.00	30.94 -1.14 0.00	28.32 -1.05 0.00	23.41 -0.86 0.00	19.79 -0.72 0.00
NM_CAPITAL__DRP 24208	24.58 0.82 0.00	25.46 0.93 0.00	24.17 0.88 0.00	25.02 0.91 0.00	21.61 0.77 0.00	31.46 1.13 0.00	32.31 1.17 0.00	31.89 1.19 0.00	22.78 0.87 0.00	21.82 0.84 0.00	22.16 0.79 0.00	30.54 0.85 0.00	28.21 0.77 0.00	33.56 0.97 0.00	34.40 1.08 0.00	32.22 1.08 0.00	35.64 1.24 0.00	42.22 1.52 0.00	48.30 1.85 0.00	33.56 1.29 0.00	33.39 1.31 0.00	30.58 1.21 0.00	25.24 0.96 0.00	21.29 0.79 0.00

NM_CENTRAL___DRP 24181	23.32 -0.43 0.00	24.03 -0.50 0.00	22.81 -0.48 0.00	23.62 -0.49 0.00	20.43 -0.41 0.00	29.76 -0.57 0.00	30.56 -0.58 0.00	30.13 -0.57 0.00	21.50 -0.42 0.00	20.54 -0.44 0.00	20.93 -0.45 0.00	29.17 -0.53 0.00	26.99 -0.46 0.00	32.05 -0.54 0.00	32.76 -0.55 0.00	30.61 -0.53 0.00	33.85 -0.56 0.00	40.05 -0.64 0.00	45.71 -0.74 0.00	31.72 -0.55 0.00	31.50 -0.58 0.00	28.81 -0.56 0.00	23.81 -0.46 0.00	20.12 -0.39 0.00
NM_FRONTIER___DRP 24179	22.13 -1.63 0.00	22.33 -2.20 0.00	21.32 -1.97 0.00	21.92 -2.19 0.00	19.03 -1.81 0.00	27.91 -2.43 0.00	28.75 -2.39 0.00	28.30 -2.41 0.00	20.07 -1.85 0.00	19.19 -1.79 0.00	19.57 -1.81 0.00	27.71 -1.99 0.00	25.68 -1.76 0.00	30.18 -2.41 0.00	30.76 -2.55 0.00	28.49 -2.65 0.00	31.60 -2.80 0.00	36.95 -3.75 0.00	41.86 -4.59 0.00	29.15 -3.12 0.00	28.73 -3.35 0.00	26.20 -3.17 0.00	21.93 -2.35 0.00	18.77 -1.73 0.00
NM_ST_REGIS___HYD 24053	25.20 1.44 0.00	26.05 1.52 0.00	24.61 1.32 0.00	25.46 1.35 0.00	21.98 1.14 0.00	32.03 1.70 0.00	32.72 1.59 0.00	32.26 1.56 0.00	22.73 0.81 0.00	21.44 0.46 0.00	21.81 0.44 0.00	30.88 1.19 0.00	28.78 1.34 0.00	34.67 2.08 0.00	35.65 2.34 0.00	33.67 2.53 0.00	37.11 2.70 0.00	43.25 2.56 0.00	48.47 2.02 0.00	33.93 1.66 0.00	33.64 1.56 0.00	30.89 1.52 0.00	25.51 1.23 0.00	21.31 0.81 0.00
NORTHPORT___1 23551	27.97 1.55 -2.66	26.01 1.48 0.00	26.49 1.69 -1.50	29.16 1.76 -3.30	33.10 1.47 -10.78	32.14 1.81 0.00	32.55 1.41 0.00	32.23 1.53 0.00	23.51 1.60 0.00	34.03 1.63 -11.41	25.48 1.58 -2.53	31.50 1.80 0.00	29.03 1.59 0.00	33.48 0.88 0.00	33.81 0.50 0.00	31.83 0.69 0.00	35.05 0.65 0.00	41.03 0.46 0.13	47.92 1.47 0.00	33.45 1.18 0.00	33.50 1.42 0.00	30.87 1.50 0.00	25.74 1.46 0.00	21.87 1.36 0.00
NORTHPORT___2 23552	27.97 1.55 -2.66	26.01 1.48 0.00	26.49 1.69 -1.50	29.16 1.76 -3.30	33.10 1.47 -10.78	32.14 1.81 0.00	32.55 1.41 0.00	32.23 1.53 0.00	23.51 1.60 0.00	34.03 1.63 -11.41	25.48 1.58 -2.53	31.50 1.80 0.00	29.03 1.59 0.00	33.48 0.88 0.00	33.81 0.50 0.00	31.83 0.69 0.00	35.05 0.65 0.00	41.03 0.46 0.13	47.92 1.47 0.00	33.45 1.18 0.00	33.50 1.42 0.00	30.87 1.50 0.00	25.74 1.46 0.00	21.87 1.36 0.00
NORTHPORT___3 23553	27.81 1.39 -2.66	25.89 1.36 0.00	26.34 1.55 -1.50	29.02 1.61 -3.30	32.97 1.35 -10.78	32.03 1.69 0.00	32.48 1.35 0.00	32.12 1.42 0.00	23.37 1.45 0.00	33.92 1.52 -11.41	25.38 1.47 -2.53	31.37 1.67 0.00	28.94 1.51 0.00	33.52 0.93 0.00	33.92 0.61 0.00	31.90 0.75 0.00	35.24 0.83 0.00	41.32 0.75 0.14	48.11 1.66 0.00	33.53 1.26 0.00	33.54 1.46 0.00	30.88 1.51 0.00	25.69 1.41 0.00	21.81 1.31 0.00
NORTHPORT___4 23650	27.81 1.39 -2.66	25.89 1.36 0.00	26.34 1.55 -1.50	29.02 1.61 -3.30	32.97 1.35 -10.78	32.03 1.69 0.00	32.48 1.35 0.00	32.12 1.42 0.00	23.37 1.45 0.00	33.92 1.52 -11.41	25.38 1.47 -2.53	31.37 1.67 0.00	28.94 1.51 0.00	33.52 0.93 0.00	33.92 0.61 0.00	31.90 0.75 0.00	35.24 0.83 0.00	41.32 0.75 0.14	48.11 1.66 0.00	33.53 1.26 0.00	33.54 1.46 0.00	30.88 1.51 0.00	25.69 1.41 0.00	21.81 1.31 0.00
NORTHPORT___IC 23718	27.97 1.56 -2.66	26.01 1.48 0.00	26.48 1.70 -1.50	29.16 1.76 -3.30	33.10 1.47 -10.78	32.14 1.81 0.00	32.56 1.42 0.00	32.23 1.53 0.00	23.51 1.60 0.00	34.03 1.63 -11.41	25.49 1.58 -2.53	31.50 1.80 0.00	29.03 1.60 0.00	33.48 0.88 0.00	33.81 0.50 0.00	31.83 0.69 0.00	35.05 0.64 0.00	41.31 0.74 0.13	47.92 1.47 0.00	33.45 1.18 0.00	33.50 1.42 0.00	30.87 1.50 0.00	25.74 1.47 0.00	21.86 1.36 0.00
NORTH___COUNTRY_ESR 323785	24.11 0.36 0.00	24.93 0.40 0.00	23.65 0.35 0.00	24.50 0.39 0.00	21.17 0.33 0.00	30.76 0.43 0.00	31.55 0.42 0.00	31.09 0.39 0.00	22.11 0.20 0.00	21.20 0.21 0.00	21.60 0.23 0.00	30.25 0.55 0.00	28.09 0.65 0.00	33.56 0.97 0.00	34.26 0.95 0.00	32.07 0.93 0.00	35.16 0.75 0.00	41.16 0.46 0.00	46.00 -0.45 0.00	32.52 0.24 0.00	32.46 0.38 0.00	29.73 0.36 0.00	24.58 0.31 0.00	20.74 0.24 0.00
NPX_GEN_1385_PROXY 323591	31.95 1.89 -6.31	26.23 1.70 0.00	26.73 1.94 -1.50	29.34 1.93 -3.30	33.25 1.62 -10.78	32.26 1.93 0.00	32.48 1.34 0.00	32.62 1.92 0.00	23.65 1.73 0.00	34.03 1.64 -11.41	25.46 1.55 -2.53	31.45 1.75 0.00	28.99 1.55 0.00	33.38 0.78 0.00	33.75 0.43 0.00	31.96 0.82 0.00	35.38 0.97 0.00	41.14 0.57 0.13	48.51 2.06 0.00	33.77 1.49 0.00	49.73 1.88 -15.77	41.07 1.91 -9.78	47.12 1.81 -21.04	22.03 1.53 0.00
NPX_GEN_CSC 323557	28.03 1.61 -2.66	25.94 1.41 0.00	26.70 1.91 -1.50	29.50 2.10 -3.30	33.39 1.76 -10.78	32.37 2.04 0.00	32.60 1.47 0.00	32.30 1.60 0.00	23.78 1.86 0.00	34.40 2.00 -11.41	25.66 1.75 -2.53	31.61 1.91 0.00	29.00 1.56 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.22 1.08 0.00	35.52 1.11 0.00	40.99 0.42 0.13	48.21 1.76 0.00	33.90 1.63 0.00	33.90 1.82 0.00	31.18 1.80 0.00	25.90 1.62 0.00	21.95 1.44 0.00
NSINS_S___GLNS_FALLS 23858	25.33 1.58 0.00	26.28 1.74 0.00	24.92 1.63 0.00	25.77 1.66 0.00	22.29 1.45 0.00	32.51 2.18 0.00	33.47 2.33 0.00	33.05 2.34 0.00	23.42 1.50 0.00	22.38 1.39 0.00	22.67 1.29 0.00	31.21 1.52 0.00	28.70 1.26 0.00	34.14 1.54 0.00	34.88 1.57 0.00	32.80 1.66 0.00	36.39 1.98 0.00	42.96 2.26 0.00	49.07 2.62 0.00	34.14 1.87 0.00	33.82 1.75 0.00	30.91 1.54 0.00	25.56 1.28 0.00	21.53 1.03 0.00
NUCOR_STEEL___DRP 24197	23.52 -0.24 0.00	24.22 -0.32 0.00	22.97 -0.32 0.00	23.79 -0.32 0.00	20.59 -0.25 0.00	30.09 -0.25 0.00	30.91 -0.23 0.00	30.49 -0.22 0.00	21.73 -0.18 0.00	20.72 -0.26 0.00	21.11 -0.27 0.00	29.38 -0.32 0.00	27.20 -0.25 0.00	32.30 -0.30 0.00	33.12 -0.19 0.00	31.00 -0.14 0.00	34.15 -0.26 0.00	40.42 -0.28 0.00	46.33 -0.12 0.00	32.13 -0.14 0.00	31.87 -0.21 0.00	29.14 -0.23 0.00	24.07 -0.21 0.00	20.27 -0.24 0.00
NUMBER_THREE_WT_PWR 323818	24.40 0.64 0.00	25.30 0.77 0.00	23.93 0.64 0.00	24.80 0.70 0.00	21.39 0.55 0.00	31.15 0.82 0.00	31.54 0.40 0.00	31.09 0.39 0.00	22.14 0.22 0.00	21.02 0.04 0.00	21.37 -0.01 0.00	29.90 0.20 0.00	27.94 0.50 0.00	33.58 0.98 0.00	34.50 1.19 0.00	32.54 1.40 0.00	35.77 1.36 0.00	41.22 0.52 0.00	46.59 0.14 0.00	32.31 0.04 0.00	31.99 -0.09 0.00	29.67 0.30 0.00	24.61 0.33 0.00	20.30 -0.20 0.00
NYISO_LBMP_REFERENCE 24008	23.76 0.00 0.00	24.53 0.00 0.00	23.29 0.00 0.00	24.11 0.00 0.00	20.84 0.00 0.00	30.34 0.00 0.00	31.13 0.00 0.00	30.70 0.00 0.00	21.92 0.00 0.00	20.98 0.00 0.00	21.38 0.00 0.00	29.70 0.00 0.00	27.44 0.00 0.00	32.60 0.00 0.00	33.31 0.00 0.00	31.14 0.00 0.00	34.40 0.00 0.00	40.70 0.00 0.00	46.45 0.00 0.00	32.27 0.00 0.00	32.08 0.00 0.00	29.37 0.00 0.00	24.28 0.00 0.00	20.50 0.00 0.00

NYPA_BRENTWD____GT 24164	28.17 1.75 -2.66	26.20 1.67 0.00	26.67 1.88 -1.50	29.36 1.96 -3.30	33.28 1.65 -10.78	32.41 2.08 0.00	32.85 1.72 0.00	32.53 1.83 0.00	23.71 1.79 0.00	34.24 1.84 -11.41	25.68 1.77 -2.53	31.76 2.06 0.00	29.27 1.83 0.00	33.81 1.21 0.00	34.24 0.93 0.00	32.24 1.10 0.00	35.35 0.95 0.00	41.24 0.67 0.13	48.16 1.71 0.00	33.84 1.57 0.00	33.91 1.84 0.00	31.22 1.85 0.00	25.98 1.70 0.00	22.04 1.54 0.00
NYPA_GOWANUS____GT5 24156	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.75 1.34 0.00	42.68 1.98 0.00	49.05 2.60 0.00	33.94 1.67 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NYPA_GOWANUS____GT6 24157	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.50 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.21 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.75 1.34 0.00	42.68 1.98 0.00	49.05 2.60 0.00	33.94 1.67 0.00	33.83 1.76 0.00	31.08 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00
NYPA_HARLEM__RVR__GT1 24160	24.86 1.10 0.00	25.66 1.14 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.83 0.98 0.00	31.71 1.37 0.00	32.47 1.34 0.00	32.08 1.38 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.59 1.21 0.00	31.22 1.52 0.00	28.83 1.39 0.00	33.97 1.38 0.00	34.63 1.31 0.00	32.26 1.12 0.00	35.76 1.35 0.00	42.66 1.96 0.00	49.02 2.57 0.00	33.86 1.59 0.00	33.78 1.70 0.00	31.01 1.64 0.00	25.58 1.30 0.00	21.56 1.05 0.00
NYPA_HARLEM__RVR__GT2 24161	24.86 1.10 0.00	25.66 1.14 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.83 0.98 0.00	31.71 1.37 0.00	32.47 1.34 0.00	32.08 1.38 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.59 1.21 0.00	31.22 1.52 0.00	28.83 1.39 0.00	33.97 1.38 0.00	34.63 1.31 0.00	32.26 1.12 0.00	35.76 1.35 0.00	42.66 1.96 0.00	49.02 2.57 0.00	33.86 1.59 0.00	33.78 1.70 0.00	31.01 1.64 0.00	25.58 1.30 0.00	21.56 1.05 0.00
NYPA_KENT____GT 24152	24.81 1.05 0.00	25.64 1.11 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.74 1.40 0.00	32.52 1.39 0.00	32.11 1.41 0.00	23.13 1.21 0.00	22.21 1.23 0.00	22.59 1.22 0.00	31.24 1.54 0.00	28.84 1.40 0.00	34.03 1.43 0.00	34.64 1.32 0.00	32.26 1.12 0.00	35.77 1.37 0.00	42.70 2.00 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.08 1.71 0.00	25.63 1.35 0.00	21.60 1.09 0.00
NYPA_POUCH1____GT 24155	24.73 0.97 0.00	25.55 1.01 0.00	24.34 1.05 0.00	25.20 1.10 0.00	21.75 0.91 0.00	31.63 1.30 0.00	32.44 1.30 0.00	32.01 1.31 0.00	23.05 1.13 0.00	22.11 1.13 0.00	22.50 1.13 0.00	31.12 1.43 0.00	28.72 1.28 0.00	33.89 1.30 0.00	34.49 1.17 0.00	32.11 0.97 0.00	35.64 1.23 0.00	42.55 1.85 0.00	48.91 2.46 0.00	33.86 1.59 0.00	33.74 1.66 0.00	30.99 1.61 0.00	25.56 1.28 0.00	21.54 1.03 0.00
NYPA_VERNON____GT2 24162	24.83 1.07 0.00	25.66 1.14 0.00	24.47 1.18 0.00	25.32 1.22 0.00	21.86 1.02 0.00	31.77 1.43 0.00	32.54 1.40 0.00	32.14 1.43 0.00	23.15 1.24 0.00	22.23 1.25 0.00	22.62 1.24 0.00	31.26 1.56 0.00	28.87 1.43 0.00	34.04 1.45 0.00	34.66 1.35 0.00	32.30 1.16 0.00	35.83 1.42 0.00	42.77 2.07 0.00	49.10 2.65 0.00	33.98 1.70 0.00	33.85 1.78 0.00	31.09 1.72 0.00	25.63 1.36 0.00	21.60 1.10 0.00
NYPA_VERNON____GT3 24163	24.83 1.07 0.00	25.66 1.14 0.00	24.47 1.18 0.00	25.32 1.22 0.00	21.86 1.02 0.00	31.77 1.43 0.00	32.54 1.40 0.00	32.14 1.43 0.00	23.15 1.24 0.00	22.23 1.25 0.00	22.62 1.24 0.00	31.26 1.56 0.00	28.87 1.43 0.00	34.04 1.45 0.00	34.66 1.35 0.00	32.30 1.16 0.00	35.83 1.42 0.00	42.77 2.07 0.00	49.10 2.65 0.00	33.98 1.70 0.00	33.85 1.78 0.00	31.09 1.72 0.00	25.63 1.36 0.00	21.60 1.10 0.00
NYPA__ASTORIA_CC1 323568	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.48 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.51 0.00	28.82 1.38 0.00	33.99 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.72 2.01 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.04 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
NYPA__ASTORIA_CC2 323569	24.80 1.04 0.00	25.63 1.10 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.72 1.38 0.00	32.48 1.35 0.00	32.09 1.39 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.58 1.20 0.00	31.21 1.51 0.00	28.82 1.38 0.00	33.99 1.40 0.00	34.61 1.30 0.00	32.26 1.12 0.00	35.78 1.38 0.00	42.72 2.01 0.00	49.04 2.59 0.00	33.93 1.66 0.00	33.81 1.73 0.00	31.04 1.67 0.00	25.59 1.31 0.00	21.57 1.07 0.00
NYPA__HOLTSVILL 23794	28.03 1.61 -2.66	26.04 1.51 0.00	26.56 1.77 -1.50	29.29 1.88 -3.30	33.19 1.57 -10.78	32.27 1.94 0.00	32.67 1.54 0.00	32.35 1.65 0.00	23.61 1.69 0.00	34.16 1.76 -11.41	25.54 1.63 -2.53	31.51 1.82 0.00	29.01 1.57 0.00	33.54 0.94 0.00	33.95 0.64 0.00	32.01 0.87 0.00	35.29 0.88 0.00	41.19 0.62 0.13	48.14 1.69 0.00	33.67 1.39 0.00	33.69 1.61 0.00	31.00 1.63 0.00	25.80 1.52 0.00	21.88 1.37 0.00
NYPA__HELLGATE_GT1 24158	24.86 1.10 0.00	25.66 1.14 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.83 0.98 0.00	31.71 1.37 0.00	32.47 1.34 0.00	32.08 1.38 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.59 1.21 0.00	31.22 1.52 0.00	28.83 1.39 0.00	33.97 1.38 0.00	34.63 1.31 0.00	32.26 1.12 0.00	35.73 1.32 0.00	42.62 1.92 0.00	48.99 2.54 0.00	33.83 1.56 0.00	33.78 1.70 0.00	31.01 1.64 0.00	25.58 1.30 0.00	21.56 1.05 0.00
NYPA__HELLGATE_GT2 24159	24.86 1.10 0.00	25.66 1.14 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.83 0.98 0.00	31.71 1.37 0.00	32.47 1.34 0.00	32.08 1.38 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.59 1.21 0.00	31.22 1.52 0.00	28.83 1.39 0.00	33.97 1.38 0.00	34.63 1.31 0.00	32.26 1.12 0.00	35.73 1.32 0.00	42.62 1.92 0.00	48.99 2.54 0.00	33.83 1.56 0.00	33.78 1.70 0.00	31.01 1.64 0.00	25.58 1.30 0.00	21.56 1.05 0.00
NYS_BARGE__HYD 23848	22.35 -1.41 0.00	22.54 -1.99 0.00	21.51 -1.78 0.00	22.11 -2.00 0.00	19.22 -1.62 0.00	28.16 -2.17 0.00	29.04 -2.10 0.00	28.57 -2.13 0.00	20.23 -1.68 0.00	19.37 -1.61 0.00	19.76 -1.61 0.00	28.05 -1.65 0.00	25.99 -1.45 0.00	30.54 -2.06 0.00	31.15 -2.16 0.00	29.02 -2.12 0.00	32.16 -2.24 0.00	37.73 -2.96 0.00	42.65 -3.80 0.00	29.70 -2.57 0.00	29.25 -2.83 0.00	26.66 -2.71 0.00	22.32 -1.96 0.00	19.06 -1.44 0.00

OAK ORCHARD___HYD 24046	22.90 -0.86 0.00	23.35 -1.19 0.00	22.24 -1.06 0.00	22.93 -1.18 0.00	19.87 -0.97 0.00	29.02 -1.31 0.00	29.88 -1.26 0.00	29.45 -1.26 0.00	20.92 -1.00 0.00	20.01 -0.97 0.00	20.43 -0.95 0.00	28.72 -0.98 0.00	26.63 -0.81 0.00	31.50 -1.10 0.00	32.18 -1.13 0.00	30.02 -1.12 0.00	33.25 -1.16 0.00	39.23 -1.47 0.00	44.54 -1.91 0.00	30.94 -1.34 0.00	30.55 -1.53 0.00	27.88 -1.50 0.00	23.14 -1.13 0.00	19.65 -0.85 0.00
OAKDALE___35_KV_LOAD 356122	23.47 -0.28 0.00	24.26 -0.28 0.00	22.99 -0.30 0.00	23.79 -0.31 0.00	20.58 -0.26 0.00	30.02 -0.32 0.00	30.75 -0.39 0.00	30.33 -0.38 0.00	21.68 -0.24 0.00	20.78 -0.20 0.00	21.18 -0.20 0.00	29.59 -0.11 0.00	27.30 -0.14 0.00	32.25 -0.35 0.00	32.89 -0.42 0.00	30.74 -0.40 0.00	33.97 -0.44 0.00	40.31 -0.39 0.00	46.19 -0.25 0.00	32.03 -0.25 0.00	31.75 -0.33 0.00	29.06 -0.32 0.00	23.98 -0.30 0.00	20.28 -0.22 0.00
OCC_CHEM___DRP 24175	22.15 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.06 -1.78 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.78 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.23 -2.36 0.00	30.82 -2.50 0.00	28.56 -2.59 0.00	31.67 -2.74 0.00	37.03 -3.67 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.81 -1.70 0.00
OH_GEN_PROXY 24063	22.22 -1.55 0.00	22.49 -2.04 0.00	21.47 -1.83 0.00	22.09 -2.02 0.00	19.17 -1.67 0.00	28.07 -2.26 0.00	28.90 -2.23 0.00	28.45 -2.25 0.00	20.22 -1.70 0.00	19.35 -1.63 0.00	19.73 -1.64 0.00	27.87 -1.82 0.00	25.80 -1.63 0.00	30.37 -2.23 0.00	30.98 -2.33 0.00	28.82 -2.32 0.00	31.94 -2.46 0.00	37.52 -3.18 0.00	42.49 -3.96 0.00	29.57 -2.71 0.00	29.14 -2.94 0.00	26.58 -2.80 0.00	22.20 -2.08 0.00	18.98 -1.52 0.00
OLIN_CORP_DRP 24177	22.02 -1.74 0.00	22.21 -2.32 0.00	21.20 -2.09 0.00	21.78 -2.33 0.00	18.93 -1.91 0.00	27.76 -2.57 0.00	28.62 -2.51 0.00	28.15 -2.56 0.00	19.94 -1.98 0.00	19.07 -1.91 0.00	19.45 -1.92 0.00	27.61 -2.09 0.00	25.57 -1.87 0.00	30.03 -2.56 0.00	30.64 -2.67 0.00	28.56 -2.58 0.00	31.67 -2.74 0.00	37.01 -3.69 0.00	41.91 -4.55 0.00	29.20 -3.07 0.00	28.77 -3.31 0.00	26.22 -3.15 0.00	21.98 -2.29 0.00	18.80 -1.70 0.00
OLIN_CORP_DSASP 323712	22.16 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.07 -1.77 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.77 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.24 -2.36 0.00	30.82 -2.50 0.00	28.55 -2.59 0.00	31.67 -2.73 0.00	37.13 -3.57 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.80 0.00 0.00
ONEIDA_HERK_LFGE 323681	24.33 0.58 0.00	25.16 0.63 0.00	23.84 0.55 0.00	24.70 0.59 0.00	21.34 0.49 0.00	31.08 0.75 0.00	31.75 0.62 0.00	31.29 0.58 0.00	22.29 0.37 0.00	21.24 0.26 0.00	21.60 0.22 0.00	30.10 0.40 0.00	27.93 0.49 0.00	33.40 0.80 0.00	34.29 0.98 0.00	32.19 1.05 0.00	35.53 1.12 0.00	41.57 0.88 0.00	47.25 0.80 0.00	32.78 0.51 0.00	32.50 0.42 0.00	29.90 0.52 0.00	24.73 0.45 0.00	20.67 0.16 0.00
ONEIDA___115KV_TB4 55905	24.22 0.45 0.00	24.99 0.45 0.00	23.72 0.42 0.00	24.57 0.46 0.00	21.26 0.41 0.00	30.96 0.63 0.00	31.78 0.65 0.00	31.32 0.62 0.00	22.29 0.37 0.00	21.26 0.28 0.00	21.59 0.22 0.00	30.06 0.37 0.00	27.80 0.36 0.00	33.22 0.63 0.00	34.17 0.86 0.00	32.02 0.88 0.00	35.40 0.99 0.00	41.70 1.00 0.00	47.51 1.06 0.00	32.95 0.68 0.00	32.67 0.59 0.00	29.92 0.55 0.00	24.71 0.43 0.00	20.80 0.30 0.00
ONONDAGA_REF_OCCRA 23987	23.47 -0.29 0.00	24.20 -0.33 0.00	22.96 -0.33 0.00	23.76 -0.35 0.00	20.56 -0.28 0.00	29.94 -0.39 0.00	30.75 -0.39 0.00	30.33 -0.37 0.00	21.63 -0.28 0.00	20.65 -0.33 0.00	21.04 -0.33 0.00	29.34 -0.36 0.00	27.15 -0.29 0.00	32.26 -0.33 0.00	32.98 -0.34 0.00	30.82 -0.32 0.00	34.09 -0.31 0.00	40.36 -0.34 0.00	46.07 -0.38 0.00	31.97 -0.31 0.00	31.73 -0.35 0.00	29.01 -0.36 0.00	23.97 -0.31 0.00	20.25 -0.26 0.00
ONONDAGA___COGEN 23986	23.44 -0.32 0.00	24.16 -0.37 0.00	22.93 -0.37 0.00	23.73 -0.38 0.00	20.54 -0.30 0.00	29.92 -0.41 0.00	30.72 -0.42 0.00	30.30 -0.39 0.00	21.61 -0.31 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.39 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.94 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.31 -0.39 0.00	46.03 -0.42 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.40 0.00	23.94 -0.34 0.00	20.22 -0.28 0.00
ONTARIO___LFGE 23819	23.28 -0.48 0.00	23.91 -0.62 0.00	22.66 -0.63 0.00	23.40 -0.71 0.00	20.28 -0.57 0.00	29.58 -0.75 0.00	30.48 -0.66 0.00	30.03 -0.68 0.00	21.37 -0.55 0.00	20.35 -0.62 0.00	20.77 -0.61 0.00	29.22 -0.47 0.00	27.10 -0.34 0.00	32.01 -0.58 0.00	32.65 -0.66 0.00	30.58 -0.56 0.00	33.72 -0.69 0.00	40.06 -0.64 0.00	45.71 -0.74 0.00	31.70 -0.57 0.00	31.36 -0.72 0.00	28.67 -0.71 0.00	23.63 -0.65 0.00	20.00 -0.51 0.00
ORANGEVILLE_WT_PWR 323706	22.24 -1.52 0.00	22.62 -1.92 0.00	21.45 -1.84 0.00	22.07 -2.03 0.00	19.15 -1.69 0.00	28.04 -2.29 0.00	28.91 -2.23 0.00	28.44 -2.27 0.00	20.17 -1.74 0.00	19.37 -1.61 0.00	19.90 -1.48 0.00	28.25 -1.44 0.00	26.20 -1.24 0.00	30.53 -2.07 0.00	30.87 -2.44 0.00	28.76 -2.38 0.00	31.76 -2.65 0.00	37.41 -3.29 0.00	42.48 -3.97 0.00	29.55 -2.73 0.00	29.08 -3.00 0.00	26.67 -2.70 0.00	22.21 -2.07 0.00	18.91 -1.59 0.00
ORANGEVILLE___ESR 323794	22.24 -1.52 0.00	22.62 -1.92 0.00	21.45 -1.84 0.00	22.07 -2.03 0.00	19.15 -1.69 0.00	28.04 -2.29 0.00	28.91 -2.23 0.00	28.44 -2.27 0.00	20.17 -1.74 0.00	19.37 -1.61 0.00	19.90 -1.48 0.00	28.25 -1.44 0.00	26.20 -1.24 0.00	30.53 -2.07 0.00	30.87 -2.44 0.00	28.76 -2.38 0.00	31.76 -2.65 0.00	37.41 -3.29 0.00	42.48 -3.97 0.00	29.55 -2.73 0.00	29.08 -3.00 0.00	26.67 -2.70 0.00	22.21 -2.07 0.00	18.91 -1.59 0.00
OSWEGATCHIE___HYD 24044	24.85 1.09 0.00	25.73 1.20 0.00	24.31 1.02 0.00	25.17 1.06 0.00	21.71 0.86 0.00	31.64 1.31 0.00	32.16 1.02 0.00	31.71 1.01 0.00	22.42 0.51 0.00	21.16 0.18 0.00	21.53 0.15 0.00	30.33 0.63 0.00	28.32 0.88 0.00	34.16 1.56 0.00	35.16 1.85 0.00	33.21 2.06 0.00	36.60 2.20 0.00	42.44 1.74 0.00	47.79 1.35 0.00	33.25 0.98 0.00	32.90 0.82 0.00	30.34 0.97 0.00	25.09 0.81 0.00	20.85 0.34 0.00
OSWEGO___5 23606	23.09 -0.67 0.00	23.81 -0.73 0.00	22.60 -0.69 0.00	23.39 -0.72 0.00	20.23 -0.61 0.00	29.46 -0.87 0.00	30.25 -0.89 0.00	29.83 -0.87 0.00	21.28 -0.63 0.00	20.35 -0.63 0.00	20.74 -0.64 0.00	28.87 -0.83 0.00	26.70 -0.73 0.00	31.71 -0.89 0.00	32.40 -0.91 0.00	30.30 -0.84 0.00	33.50 -0.91 0.00	39.62 -1.08 0.00	45.21 -1.24 0.00	31.39 -0.88 0.00	31.16 -0.92 0.00	28.52 -0.86 0.00	23.57 -0.70 0.00	19.92 -0.58 0.00

OSWEGO___6 23613	23.09 -0.67 0.00	23.81 -0.73 0.00	22.60 -0.69 0.00	23.39 -0.72 0.00	20.23 -0.61 0.00	29.46 -0.87 0.00	30.25 -0.89 0.00	29.83 -0.87 0.00	21.28 -0.63 0.00	20.35 -0.63 0.00	20.74 -0.64 0.00	28.87 -0.83 0.00	26.70 -0.73 0.00	31.71 -0.89 0.00	32.40 -0.91 0.00	30.30 -0.84 0.00	33.50 -0.91 0.00	39.62 -1.08 0.00	45.21 -1.24 0.00	31.39 -0.88 0.00	31.16 -0.92 0.00	28.52 -0.86 0.00	23.57 -0.70 0.00	19.92 -0.58 0.00
OUTOKUMPU-AB___DRP 24206	22.55 -1.21 0.00	22.78 -1.75 0.00	21.73 -1.56 0.00	22.35 -1.76 0.00	19.40 -1.44 0.00	28.45 -1.89 0.00	29.31 -1.83 0.00	28.85 -1.86 0.00	20.46 -1.46 0.00	19.59 -1.39 0.00	20.00 -1.38 0.00	28.34 -1.36 0.00	26.25 -1.19 0.00	30.85 -1.75 0.00	31.44 -1.87 0.00	29.21 -1.93 0.00	32.38 -2.03 0.00	37.93 -2.77 0.00	42.99 -3.46 0.00	29.93 -2.34 0.00	29.47 -2.61 0.00	26.88 -2.49 0.00	22.47 -1.81 0.00	19.20 -1.30 0.00
OXBOW___BTM 323836	22.39 -1.37 0.00	22.61 -1.92 0.00	21.58 -1.71 0.00	22.19 -1.93 0.00	19.27 -1.57 0.00	28.24 -2.09 0.00	29.11 -2.02 0.00	28.64 -2.06 0.00	20.32 -1.60 0.00	19.44 -1.54 0.00	19.85 -1.53 0.00	28.10 -1.59 0.00	26.04 -1.40 0.00	30.60 -1.99 0.00	31.19 -2.12 0.00	28.94 -2.20 0.00	32.09 -2.32 0.00	37.66 -3.04 0.00	42.58 -3.87 0.00	29.64 -2.63 0.00	29.20 -2.88 0.00	26.62 -2.75 0.00	22.26 -2.01 0.00	19.03 -1.47 0.00
OXBOW____ 24026	22.39 -1.37 0.00	22.61 -1.92 0.00	21.59 -1.70 0.00	22.18 -1.93 0.00	19.26 -1.58 0.00	28.24 -2.10 0.00	29.11 -2.03 0.00	28.64 -2.06 0.00	20.32 -1.60 0.00	19.45 -1.54 0.00	19.84 -1.53 0.00	28.10 -1.59 0.00	26.04 -1.40 0.00	30.60 -2.00 0.00	31.19 -2.12 0.00	28.94 -2.20 0.00	32.09 -2.31 0.00	37.57 -3.13 0.00	42.57 -3.88 0.00	29.64 -2.63 0.00	29.19 -2.89 0.00	26.62 -2.75 0.00	22.26 -2.01 0.00	19.04 -1.46 0.00
OXY_CHEM_DSASP 323612	22.15 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.06 -1.78 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.78 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.23 -2.36 0.00	30.82 -2.50 0.00	28.56 -2.59 0.00	31.67 -2.74 0.00	37.03 -3.67 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.81 -1.70 0.00
OZONE_PARK_ESR 323760	25.02 1.26 0.00	25.85 1.33 0.00	24.65 1.36 0.00	25.51 1.40 0.00	22.02 1.17 0.00	32.00 1.67 0.00	32.80 1.67 0.00	32.37 1.67 0.00	23.31 1.39 0.00	22.40 1.41 0.00	22.79 1.42 0.00	31.51 1.81 0.00	29.10 1.66 0.00	34.33 1.73 0.00	34.95 1.64 0.00	32.59 1.45 0.00	36.15 1.75 0.00	43.20 2.50 0.00	49.57 3.12 0.00	34.29 2.02 0.00	34.13 2.05 0.00	31.37 1.99 0.00	25.86 1.58 0.00	21.78 1.28 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	22.15 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.06 -1.78 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.78 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.23 -2.36 0.00	30.82 -2.50 0.00	28.56 -2.59 0.00	31.67 -2.74 0.00	37.03 -3.67 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.81 -1.70 0.00
PACKARD__115KV_DUPONT_184 80571	22.15 -1.60 0.00	22.36 -2.17 0.00	21.35 -1.94 0.00	21.95 -2.16 0.00	19.06 -1.78 0.00	27.94 -2.39 0.00	28.80 -2.34 0.00	28.34 -2.37 0.00	20.10 -1.82 0.00	19.22 -1.76 0.00	19.60 -1.78 0.00	27.75 -1.95 0.00	25.72 -1.72 0.00	30.23 -2.36 0.00	30.82 -2.50 0.00	28.56 -2.59 0.00	31.67 -2.74 0.00	37.03 -3.67 0.00	41.95 -4.50 0.00	29.21 -3.06 0.00	28.79 -3.29 0.00	26.25 -3.13 0.00	21.97 -2.31 0.00	18.81 -1.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.80 1.04 0.00	25.61 1.08 0.00	24.40 1.11 0.00	25.29 1.18 0.00	21.84 1.00 0.00	31.73 1.39 0.00	32.51 1.37 0.00	32.10 1.39 0.00	23.13 1.22 0.00	22.21 1.23 0.00	22.61 1.24 0.00	31.26 1.56 0.00	28.86 1.42 0.00	34.01 1.42 0.00	34.66 1.35 0.00	32.30 1.16 0.00	35.79 1.39 0.00	42.75 2.05 0.00	49.06 2.61 0.00	33.93 1.66 0.00	33.84 1.76 0.00	31.05 1.68 0.00	25.61 1.33 0.00	21.59 1.09 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.83 1.08 0.00	25.63 1.10 0.00	24.43 1.14 0.00	25.32 1.21 0.00	21.84 1.00 0.00	31.73 1.39 0.00	32.56 1.42 0.00	32.12 1.42 0.00	23.15 1.24 0.00	22.28 1.30 0.00	22.67 1.30 0.00	31.31 1.61 0.00	28.91 1.47 0.00	34.05 1.45 0.00	34.68 1.36 0.00	32.34 1.20 0.00	35.90 1.50 0.00	42.88 2.19 0.00	49.21 2.75 0.00	34.02 1.75 0.00	33.90 1.82 0.00	31.13 1.76 0.00	25.68 1.41 0.00	21.65 1.15 0.00
PATROON__115KV_TB1 80586	24.65 0.89 0.00	25.53 1.00 0.00	24.23 0.94 0.00	25.08 0.97 0.00	21.67 0.83 0.00	31.54 1.21 0.00	32.40 1.26 0.00	31.97 1.27 0.00	22.83 0.91 0.00	21.87 0.89 0.00	22.22 0.84 0.00	30.64 0.95 0.00	28.30 0.86 0.00	33.68 1.08 0.00	34.51 1.19 0.00	32.33 1.19 0.00	35.78 1.37 0.00	42.38 1.68 0.00	48.48 2.03 0.00	33.66 1.39 0.00	33.49 1.41 0.00	30.66 1.29 0.00	25.30 1.03 0.00	21.35 0.84 0.00
PATTRSNVILLE___SOLAR 323815	24.60 0.83 0.00	25.41 0.88 0.00	24.13 0.84 0.00	24.99 0.88 0.00	21.59 0.75 0.00	31.43 1.09 0.00	32.28 1.14 0.00	31.80 1.10 0.00	22.53 0.61 0.00	21.50 0.51 0.00	21.78 0.40 0.00	30.28 0.58 0.00	27.95 0.51 0.00	33.39 0.80 0.00	34.31 0.99 0.00	32.21 1.07 0.00	35.65 1.24 0.00	42.22 1.52 0.00	48.22 1.77 0.00	33.48 1.20 0.00	33.26 1.18 0.00	30.43 1.05 0.00	25.14 0.86 0.00	21.21 0.71 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	23.03 -0.73 0.00	23.39 -1.14 0.00	22.30 -0.99 0.00	22.95 -1.16 0.00	19.90 -0.94 0.00	29.14 -1.19 0.00	29.98 -1.16 0.00	29.51 -1.19 0.00	21.00 -0.91 0.00	20.15 -0.83 0.00	20.58 -0.79 0.00	29.10 -0.60 0.00	26.91 -0.53 0.00	31.60 -1.00 0.00	32.21 -1.10 0.00	29.97 -1.18 0.00	33.13 -1.28 0.00	38.99 -1.71 0.00	44.35 -2.10 0.00	30.80 -1.47 0.00	30.34 -1.74 0.00	27.70 -1.67 0.00	23.08 -1.20 0.00	19.70 -0.80 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	24.92 1.15 0.00	25.76 1.23 0.00	24.53 1.24 0.00	25.40 1.29 0.00	21.91 1.07 0.00	31.88 1.54 0.00	32.70 1.57 0.00	32.28 1.58 0.00	23.20 1.28 0.00	22.27 1.29 0.00	22.65 1.28 0.00	31.31 1.61 0.00	28.89 1.45 0.00	34.14 1.54 0.00	34.79 1.48 0.00	32.47 1.33 0.00	36.05 1.64 0.00	43.01 2.31 0.00	49.32 2.87 0.00	34.14 1.86 0.00	33.94 1.86 0.00	31.13 1.76 0.00	25.67 1.39 0.00	21.63 1.12 0.00
PEEKSKILL____ 23653	24.67 0.91 0.00	25.51 0.98 0.00	24.31 1.01 0.00	25.16 1.05 0.00	21.70 0.86 0.00	31.57 1.24 0.00	32.37 1.23 0.00	31.93 1.23 0.00	22.96 1.04 0.00	22.02 1.04 0.00	22.41 1.03 0.00	30.97 1.27 0.00	28.59 1.15 0.00	33.74 1.14 0.00	34.37 1.06 0.00	32.07 0.93 0.00	35.57 1.16 0.00	42.43 1.73 0.00	48.74 2.30 0.00	33.75 1.47 0.00	33.57 1.49 0.00	30.82 1.45 0.00	25.43 1.16 0.00	21.44 0.93 0.00

PGE MADISON___WINDPWR 24146	24.85 1.09 0.00	25.49 0.96 0.00	23.91 0.62 0.00	24.67 0.56 0.00	21.31 0.47 0.00	30.95 0.61 0.00	31.75 0.61 0.00	31.34 0.63 0.00	22.27 0.35 0.00	21.10 0.12 0.00	21.38 0.00 0.00	30.08 0.39 0.00	28.26 0.81 0.00	33.65 1.05 0.00	34.62 1.31 0.00	32.42 1.28 0.00	35.62 1.22 0.00	42.19 1.49 0.00	47.94 1.49 0.00	33.22 0.94 0.00	32.87 0.79 0.00	29.87 0.49 0.00	24.66 0.38 0.00	21.08 0.58 0.00
PIERCEFIELD___HYD 23852	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.83 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.15 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
PINELAWN_CC_1 323563	28.05 1.63 -2.66	26.09 1.57 0.00	26.53 1.74 -1.50	29.21 1.81 -3.30	33.14 1.52 -10.78	32.26 1.93 0.00	32.75 1.62 0.00	32.41 1.71 0.00	23.56 1.65 0.00	34.11 1.71 -11.41	25.57 1.66 -2.53	31.64 1.94 0.00	29.19 1.75 0.00	33.80 1.20 0.00	34.25 0.94 0.00	32.22 1.08 0.00	35.54 1.13 0.00	41.72 1.13 0.11	48.57 2.12 0.00	33.89 1.61 0.00	33.87 1.79 0.00	31.18 1.80 0.00	25.91 1.63 0.00	21.96 1.46 0.00
PJM_GEN_HTP_PROXY 323702	24.79 1.03 0.00	25.63 1.10 0.00	22.87 1.14 1.57	25.30 1.19 0.00	21.83 0.99 0.00	31.83 1.40 -0.10	32.53 1.39 0.00	32.09 1.39 0.00	23.09 1.17 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.19 1.49 0.00	28.81 1.37 0.00	33.98 1.38 0.00	34.60 1.29 0.00	32.26 1.12 0.00	35.78 1.37 0.00	42.71 2.01 0.00	49.05 2.60 0.00	33.93 1.66 0.00	33.78 1.70 0.00	31.04 1.67 0.00	25.60 1.32 0.00	21.58 1.08 0.00
PJM_GEN_KEystone 24065	20.61 -0.30 2.85	24.18 -0.35 0.00	21.47 -0.26 1.57	23.81 -0.30 0.00	20.58 -0.26 0.00	30.13 -0.30 -0.10	30.77 -0.37 0.00	30.32 -0.38 0.00	21.75 -0.16 0.00	20.88 -0.10 0.00	21.29 -0.09 0.00	29.68 -0.01 0.00	27.35 -0.09 0.00	32.19 -0.40 0.00	32.78 -0.54 0.00	22.96 -0.61 7.57	26.07 -0.64 7.70	40.25 -0.45 0.00	46.20 -0.25 0.00	32.00 -0.27 0.00	31.70 -0.38 0.00	29.05 -0.33 0.00	24.02 -0.26 0.00	20.33 -0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.46 1.32 -1.38	25.83 1.30 0.00	23.96 1.46 0.79	27.34 1.51 -1.71	27.72 1.26 -5.61	32.05 1.61 -0.10	32.49 1.35 0.00	32.12 1.41 0.00	23.31 1.39 0.00	28.39 1.45 -5.96	24.12 1.42 -1.32	31.35 1.65 0.00	28.92 1.48 0.00	33.60 1.01 0.00	34.08 0.77 0.00	31.97 0.83 0.00	35.34 0.93 0.00	41.52 0.98 0.16	48.31 1.86 0.00	33.63 1.36 0.00	33.59 1.51 0.00	30.91 1.53 0.00	25.65 1.38 0.00	21.74 1.24 0.00
PJM_GEN_VFT_PROXY 323633	24.77 1.01 0.00	25.61 1.08 0.00	22.85 1.13 1.57	25.28 1.17 0.00	21.81 0.97 0.00	31.81 1.37 -0.10	32.51 1.38 0.00	32.07 1.37 0.00	23.08 1.16 0.00	22.17 1.18 0.00	22.56 1.18 0.00	31.18 1.48 0.00	28.79 1.35 0.00	33.97 1.37 0.00	34.57 1.25 0.00	32.21 1.07 0.00	35.74 1.33 0.00	42.68 1.98 0.00	49.03 2.59 0.00	33.92 1.65 0.00	33.77 1.69 0.00	31.04 1.67 0.00	25.60 1.32 0.00	21.57 1.07 0.00
PLATSBURG_115KV_PMLD1 355749	24.27 0.51 0.00	25.13 0.60 0.00	23.86 0.57 0.00	24.68 0.57 0.00	21.37 0.53 0.00	31.02 0.69 0.00	31.86 0.73 0.00	31.35 0.65 0.00	22.26 0.35 0.00	21.33 0.35 0.00	21.76 0.38 0.00	30.39 0.69 0.00	28.26 0.82 0.00	33.80 1.20 0.00	34.49 1.17 0.00	32.32 1.18 0.00	35.29 0.88 0.00	41.32 0.63 0.00	46.13 -0.32 0.00	32.71 0.44 0.00	32.66 0.58 0.00	29.92 0.55 0.00	24.73 0.46 0.00	20.91 0.41 0.00
PLEASANTVLY___LBMP 24000	24.57 0.81 0.00	25.41 0.89 0.00	24.20 0.91 0.00	25.06 0.95 0.00	21.62 0.78 0.00	31.43 1.10 0.00	32.24 1.10 0.00	31.81 1.10 0.00	22.84 0.92 0.00	21.92 0.93 0.00	22.31 0.93 0.00	30.82 1.12 0.00	28.45 1.01 0.00	33.62 1.02 0.00	34.26 0.95 0.00	31.99 0.84 0.00	35.45 1.05 0.00	42.28 1.58 0.00	48.49 2.04 0.00	33.59 1.32 0.00	33.42 1.34 0.00	30.68 1.31 0.00	25.32 1.04 0.00	21.34 0.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.73 0.97 0.00	25.58 1.05 0.00	24.38 1.08 0.00	25.22 1.11 0.00	21.77 0.92 0.00	31.65 1.31 0.00	32.44 1.31 0.00	32.01 1.31 0.00	23.01 1.09 0.00	22.10 1.12 0.00	22.48 1.11 0.00	31.06 1.36 0.00	28.69 1.25 0.00	33.85 1.26 0.00	34.49 1.17 0.00	32.16 1.02 0.00	35.68 1.27 0.00	42.59 1.89 0.00	48.85 2.40 0.00	33.83 1.56 0.00	33.66 1.58 0.00	30.91 1.54 0.00	25.51 1.23 0.00	21.50 1.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.73 0.97 0.00	25.58 1.05 0.00	24.38 1.08 0.00	25.22 1.11 0.00	21.77 0.92 0.00	31.65 1.31 0.00	32.44 1.31 0.00	32.01 1.31 0.00	23.01 1.09 0.00	22.10 1.12 0.00	22.48 1.11 0.00	31.06 1.36 0.00	28.69 1.25 0.00	33.85 1.26 0.00	34.49 1.17 0.00	32.16 1.02 0.00	35.68 1.27 0.00	42.59 1.89 0.00	48.85 2.40 0.00	33.83 1.56 0.00	33.66 1.58 0.00	30.91 1.54 0.00	25.51 1.23 0.00	21.50 1.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.77 1.01 0.00	25.61 1.08 0.00	24.38 1.09 0.00	25.24 1.14 0.00	21.79 0.95 0.00	31.69 1.36 0.00	32.51 1.37 0.00	32.08 1.38 0.00	23.03 1.11 0.00	22.09 1.10 0.00	22.46 1.09 0.00	31.05 1.35 0.00	28.67 1.23 0.00	33.92 1.32 0.00	34.62 1.30 0.00	32.32 1.18 0.00	35.84 1.44 0.00	42.74 2.05 0.00	49.00 2.55 0.00	33.93 1.66 0.00	33.74 1.66 0.00	30.94 1.57 0.00	25.52 1.24 0.00	21.50 1.00 0.00
POLETTI___ 23519	24.79 1.03 0.00	25.62 1.09 0.00	24.44 1.15 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.73 1.39 0.00	32.54 1.40 0.00	32.07 1.37 0.00	23.10 1.18 0.00	22.20 1.22 0.00	22.60 1.22 0.00	31.19 1.49 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.25 1.12 0.00	35.77 1.36 0.00	42.73 2.03 0.00	49.04 2.59 0.00	33.92 1.65 0.00	33.77 1.69 0.00	31.05 1.67 0.00	25.61 1.33 0.00	21.59 1.09 0.00
POMONA___ESR 323819	24.66 0.90 0.00	25.50 0.96 0.00	24.29 1.00 0.00	25.15 1.04 0.00	21.69 0.85 0.00	31.57 1.24 0.00	32.38 1.24 0.00	31.94 1.23 0.00	22.95 1.03 0.00	22.00 1.03 0.00	22.40 1.03 0.00	30.97 1.27 0.00	28.59 1.15 0.00	33.74 1.14 0.00	34.37 1.06 0.00	32.05 0.91 0.00	35.56 1.15 0.00	42.46 1.76 0.00	48.77 2.32 0.00	33.77 1.49 0.00	33.58 1.51 0.00	30.83 1.46 0.00	25.44 1.17 0.00	21.45 0.94 0.00
PORT_JEFF_3 23555	28.10 1.69 -2.66	26.11 1.58 0.00	26.64 1.85 -1.50	29.36 1.95 -3.30	33.27 1.64 -10.78	32.37 2.04 0.00	32.77 1.64 0.00	32.44 1.74 0.00	23.69 1.77 0.00	34.25 1.85 -11.41	25.63 1.72 -2.53	31.63 1.93 0.00	29.12 1.68 0.00	33.67 1.07 0.00	34.10 0.78 0.00	32.16 1.02 0.00	35.47 1.06 0.00	41.41 0.84 0.13	48.39 1.94 0.00	33.84 1.57 0.00	33.85 1.77 0.00	31.14 1.77 0.00	25.90 1.62 0.00	21.95 1.45 0.00

PORT_JEFF_4 23616	28.10 1.69 -2.66	26.11 1.58 0.00	26.64 1.85 -1.50	29.36 1.95 -3.30	33.27 1.64 -10.78	32.37 2.04 0.00	32.77 1.64 0.00	32.44 1.74 0.00	23.69 1.77 0.00	34.25 1.85 -11.41	25.63 1.72 -2.53	31.63 1.93 0.00	29.12 1.68 0.00	33.67 1.07 0.00	34.10 0.78 0.00	32.16 1.02 0.00	35.47 1.06 0.00	41.41 0.84 0.13	48.39 1.94 0.00	33.84 1.57 0.00	33.85 1.77 0.00	31.14 1.77 0.00	25.90 1.62 0.00	21.95 1.45 0.00
PORT_JEFF_IC 23713	28.11 1.70 -2.66	26.12 1.59 0.00	26.66 1.87 -1.50	29.38 1.97 -3.30	33.28 1.66 -10.78	32.39 2.06 0.00	32.79 1.65 0.00	32.45 1.75 0.00	23.71 1.79 0.00	34.27 1.87 -11.41	25.65 1.74 -2.53	31.65 1.95 0.00	29.14 1.70 0.00	33.69 1.10 0.00	34.12 0.81 0.00	32.19 1.05 0.00	35.51 1.10 0.00	41.74 1.17 0.13	48.44 1.99 0.00	33.88 1.61 0.00	33.88 1.80 0.00	31.17 1.80 0.00	25.92 1.64 0.00	21.97 1.46 0.00
PPL_PILGRIM_ST_GT1 24216	28.17 1.75 -2.66	26.20 1.67 0.00	26.67 1.88 -1.50	29.36 1.96 -3.30	33.28 1.65 -10.78	32.41 2.08 0.00	32.85 1.72 0.00	32.53 1.83 0.00	23.71 1.79 0.00	34.24 1.84 -11.41	25.68 1.77 -2.53	31.76 2.06 0.00	29.27 1.83 0.00	33.81 1.21 0.00	34.24 0.93 0.00	32.24 1.10 0.00	35.35 0.95 0.00	41.24 0.67 0.13	48.16 1.71 0.00	33.84 1.57 0.00	33.91 1.84 0.00	31.22 1.85 0.00	25.98 1.70 0.00	22.04 1.54 0.00
PPL_PILGRIM_ST_GT2 24217	28.17 1.75 -2.66	26.20 1.67 0.00	26.67 1.88 -1.50	29.36 1.96 -3.30	33.28 1.65 -10.78	32.41 2.08 0.00	32.85 1.72 0.00	32.53 1.83 0.00	23.71 1.79 0.00	34.24 1.84 -11.41	25.68 1.77 -2.53	31.76 2.06 0.00	29.27 1.83 0.00	33.81 1.21 0.00	34.24 0.93 0.00	32.24 1.10 0.00	35.35 0.95 0.00	41.24 0.67 0.13	48.16 1.71 0.00	33.84 1.57 0.00	33.91 1.84 0.00	31.22 1.85 0.00	25.98 1.70 0.00	22.04 1.54 0.00
PPL_SHRM_GT3 24213	28.04 1.62 -2.66	25.96 1.43 0.00	26.70 1.91 -1.50	29.50 2.09 -3.30	33.39 1.76 -10.78	32.38 2.05 0.00	32.63 1.49 0.00	32.32 1.62 0.00	23.78 1.86 0.00	34.40 2.00 -11.41	25.66 1.75 -2.53	31.61 1.91 0.00	28.99 1.55 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.21 1.07 0.00	35.51 1.10 0.00	41.03 0.46 0.13	48.22 1.77 0.00	33.90 1.62 0.00	33.90 1.82 0.00	31.18 1.80 0.00	25.90 1.62 0.00	21.95 1.44 0.00
PPL_SHRM_GT4 24214	28.04 1.62 -2.66	25.96 1.43 0.00	26.70 1.91 -1.50	29.50 2.09 -3.30	33.39 1.76 -10.78	32.38 2.05 0.00	32.63 1.49 0.00	32.32 1.62 0.00	23.78 1.86 0.00	34.40 2.00 -11.41	25.66 1.75 -2.53	31.61 1.91 0.00	28.99 1.55 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.21 1.07 0.00	35.51 1.10 0.00	41.03 0.46 0.13	48.22 1.77 0.00	33.90 1.62 0.00	33.90 1.82 0.00	31.18 1.80 0.00	25.90 1.62 0.00	21.95 1.44 0.00
PROJECT___ORANGE 1 24174	23.33 -0.42 0.00	24.05 -0.49 0.00	22.82 -0.47 0.00	23.62 -0.49 0.00	20.44 -0.41 0.00	29.77 -0.57 0.00	30.56 -0.58 0.00	30.14 -0.56 0.00	21.50 -0.41 0.00	20.55 -0.44 0.00	20.94 -0.44 0.00	29.18 -0.52 0.00	27.00 -0.44 0.00	32.07 -0.53 0.00	32.78 -0.53 0.00	30.61 -0.53 0.00	33.86 -0.55 0.00	40.07 -0.63 0.00	45.74 -0.72 0.00	31.74 -0.53 0.00	31.51 -0.57 0.00	28.83 -0.55 0.00	23.82 -0.46 0.00	20.13 -0.38 0.00
PROJECT___ORANGE 2 24166	23.33 -0.42 0.00	24.05 -0.49 0.00	22.82 -0.47 0.00	23.62 -0.49 0.00	20.44 -0.41 0.00	29.77 -0.57 0.00	30.56 -0.58 0.00	30.14 -0.56 0.00	21.50 -0.41 0.00	20.55 -0.44 0.00	20.94 -0.44 0.00	29.18 -0.52 0.00	27.00 -0.44 0.00	32.07 -0.53 0.00	32.78 -0.53 0.00	30.61 -0.53 0.00	33.86 -0.55 0.00	40.07 -0.63 0.00	45.74 -0.72 0.00	31.74 -0.53 0.00	31.51 -0.57 0.00	28.83 -0.55 0.00	23.82 -0.46 0.00	20.13 -0.38 0.00
PUCKETT___SOLAR 323809	23.84 0.09 0.00	24.60 0.07 0.00	23.22 -0.07 0.00	24.01 -0.10 0.00	20.76 -0.08 0.00	30.24 -0.09 0.00	30.99 -0.15 0.00	30.56 -0.14 0.00	21.80 -0.12 0.00	20.84 -0.14 0.00	21.13 -0.25 0.00	29.60 -0.10 0.00	27.53 0.09 0.00	32.53 -0.06 0.00	33.24 -0.07 0.00	31.08 -0.06 0.00	34.34 -0.07 0.00	40.75 0.05 0.00	46.62 0.17 0.00	32.31 0.03 0.00	32.01 -0.07 0.00	29.24 -0.14 0.00	24.13 -0.15 0.00	20.47 -0.03 0.00
PYRITES___HYD 24023	25.95 2.19 0.00	26.81 2.28 0.00	25.31 2.01 0.00	26.17 2.06 0.00	22.60 1.76 0.00	32.97 2.63 0.00	33.70 2.56 0.00	33.21 2.50 0.00	23.17 1.26 0.00	21.60 0.62 0.00	21.94 0.56 0.00	31.39 1.69 0.00	29.25 1.81 0.00	35.44 2.85 0.00	36.63 3.32 0.00	34.80 3.65 0.00	38.50 4.09 0.00	44.94 4.25 0.00	50.38 3.93 0.00	35.15 2.88 0.00	34.75 2.67 0.00	31.88 2.51 0.00	26.28 2.00 0.00	21.89 1.38 0.00
QUAKERRD_115KV_BK1 80622	22.53 -1.22 0.00	23.04 -1.50 0.00	21.92 -1.37 0.00	22.64 -1.47 0.00	19.60 -1.24 0.00	28.62 -1.71 0.00	29.44 -1.69 0.00	29.03 -1.67 0.00	20.64 -1.28 0.00	19.75 -1.24 0.00	20.14 -1.23 0.00	28.26 -1.44 0.00	26.20 -1.25 0.00	31.02 -1.58 0.00	31.70 -1.61 0.00	29.58 -1.56 0.00	32.76 -1.65 0.00	38.63 -2.07 0.00	43.95 -2.50 0.00	30.51 -1.76 0.00	30.16 -1.92 0.00	27.53 -1.84 0.00	22.83 -1.44 0.00	19.36 -1.14 0.00
QUENSBRY_115KV_TB8 356137	25.36 1.60 0.00	26.31 1.78 0.00	24.95 1.66 0.00	25.80 1.69 0.00	22.33 1.49 0.00	32.57 2.23 0.00	33.53 2.39 0.00	33.11 2.41 0.00	23.46 1.54 0.00	22.40 1.42 0.00	22.69 1.32 0.00	31.24 1.54 0.00	28.71 1.27 0.00	34.17 1.57 0.00	34.88 1.56 0.00	32.82 1.68 0.00	36.41 2.01 0.00	42.98 2.28 0.00	49.09 2.63 0.00	34.16 1.88 0.00	33.81 1.73 0.00	30.90 1.52 0.00	25.55 1.27 0.00	21.52 1.01 0.00
RAMAPO___LBMP 323565	24.57 0.81 0.00	25.41 0.88 0.00	24.21 0.92 0.00	25.07 0.96 0.00	21.63 0.79 0.00	31.48 1.15 0.00	32.28 1.15 0.00	31.84 1.13 0.00	22.87 0.95 0.00	21.93 0.95 0.00	22.32 0.95 0.00	30.85 1.16 0.00	28.49 1.04 0.00	33.62 1.02 0.00	34.25 0.93 0.00	31.93 0.79 0.00	35.42 1.01 0.00	42.33 1.63 0.00	48.60 2.15 0.00	33.64 1.36 0.00	33.46 1.38 0.00	30.72 1.35 0.00	25.35 1.07 0.00	21.37 0.86 0.00
RANKINE____ 23646	22.66 -1.10 0.00	22.95 -1.58 0.00	21.88 -1.42 0.00	22.50 -1.60 0.00	19.52 -1.32 0.00	28.60 -1.73 0.00	29.46 -1.67 0.00	29.00 -1.71 0.00	20.59 -1.33 0.00	19.75 -1.24 0.00	20.17 -1.21 0.00	28.57 -1.13 0.00	26.45 -0.99 0.00	31.02 -1.57 0.00	31.60 -1.71 0.00	29.40 -1.74 0.00	32.55 -1.85 0.00	38.20 -2.50 0.00	43.36 -3.09 0.00	30.16 -2.11 0.00	29.70 -2.38 0.00	27.12 -2.26 0.00	22.62 -1.65 0.00	19.33 -1.17 0.00
RAVENSWOOD_GT2_1 24244	24.81 1.06 0.00	25.65 1.12 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.75 1.42 0.00	32.55 1.42 0.00	32.12 1.41 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.60 1.23 0.00	31.23 1.53 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.78 2.08 0.00	49.09 2.64 0.00	33.96 1.69 0.00	33.80 1.73 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.09 0.00

RAVENSWOOD_GT2_2 24245	24.81 1.06 0.00	25.65 1.12 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.75 1.42 0.00	32.55 1.42 0.00	32.12 1.41 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.60 1.23 0.00	31.23 1.53 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.64 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.78 2.08 0.00	49.09 2.64 0.00	33.96 1.69 0.00	33.80 1.73 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.09 0.00
RAVENSWOOD_GT2_3 24246	24.83 1.07 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.43 0.00	23.13 1.21 0.00	22.22 1.24 0.00	22.62 1.24 0.00	31.24 1.55 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.66 1.34 0.00	32.31 1.17 0.00	35.84 1.43 0.00	42.79 2.09 0.00	49.12 2.67 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.08 1.71 0.00	25.64 1.36 0.00	21.61 1.11 0.00
RAVENSWOOD_GT2_4 24247	24.83 1.07 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.77 1.43 0.00	32.57 1.43 0.00	32.13 1.43 0.00	23.13 1.21 0.00	22.22 1.24 0.00	22.62 1.24 0.00	31.24 1.55 0.00	28.85 1.41 0.00	34.04 1.44 0.00	34.66 1.34 0.00	32.31 1.17 0.00	35.84 1.43 0.00	42.79 2.09 0.00	49.12 2.67 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.08 1.71 0.00	25.64 1.36 0.00	21.61 1.11 0.00
RAVENSWOOD_GT3_1 24248	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.76 1.42 0.00	32.55 1.42 0.00	32.12 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.60 1.23 0.00	31.23 1.54 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.65 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.79 2.09 0.00	49.10 2.65 0.00	33.97 1.70 0.00	33.82 1.74 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.10 0.00
RAVENSWOOD_GT3_2 24249	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.16 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.76 1.42 0.00	32.55 1.42 0.00	32.12 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.60 1.23 0.00	31.23 1.54 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.65 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.79 2.09 0.00	49.10 2.65 0.00	33.97 1.70 0.00	33.82 1.74 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.10 0.00
RAVENSWOOD_GT3_3 24250	24.85 1.09 0.00	25.68 1.15 0.00	24.49 1.20 0.00	25.35 1.24 0.00	21.87 1.03 0.00	31.79 1.46 0.00	32.60 1.46 0.00	32.16 1.46 0.00	23.15 1.23 0.00	22.24 1.26 0.00	22.64 1.26 0.00	31.27 1.58 0.00	28.89 1.45 0.00	34.07 1.48 0.00	34.69 1.38 0.00	32.34 1.20 0.00	35.87 1.47 0.00	42.84 2.14 0.00	49.18 2.72 0.00	34.03 1.75 0.00	33.86 1.78 0.00	31.11 1.74 0.00	25.66 1.38 0.00	21.63 1.13 0.00
RAVENSWOOD_GT3_4 24251	24.85 1.09 0.00	25.68 1.15 0.00	24.49 1.20 0.00	25.35 1.24 0.00	21.87 1.03 0.00	31.79 1.46 0.00	32.60 1.46 0.00	32.16 1.46 0.00	23.15 1.23 0.00	22.24 1.26 0.00	22.64 1.26 0.00	31.27 1.58 0.00	28.89 1.45 0.00	34.07 1.48 0.00	34.69 1.38 0.00	32.34 1.20 0.00	35.87 1.47 0.00	42.84 2.14 0.00	49.18 2.72 0.00	34.03 1.75 0.00	33.86 1.78 0.00	31.11 1.74 0.00	25.66 1.38 0.00	21.63 1.13 0.00
RAVENSWOOD_GT_1 23729	24.83 1.07 0.00	25.66 1.13 0.00	24.47 1.18 0.00	25.33 1.22 0.00	21.86 1.01 0.00	31.77 1.43 0.00	32.54 1.40 0.00	32.13 1.43 0.00	23.15 1.24 0.00	22.23 1.25 0.00	22.62 1.24 0.00	31.26 1.56 0.00	28.87 1.43 0.00	34.05 1.45 0.00	34.66 1.35 0.00	32.30 1.16 0.00	35.83 1.42 0.00	42.82 2.12 0.00	49.11 2.66 0.00	33.98 1.70 0.00	33.85 1.78 0.00	31.09 1.72 0.00	25.63 1.36 0.00	21.60 1.10 0.00
RAVENSWOOD_GT_10 24258	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.76 1.42 0.00	32.55 1.42 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.23 0.00	31.24 1.54 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.65 1.33 0.00	32.29 1.16 0.00	35.83 1.42 0.00	42.79 2.09 0.00	49.10 2.65 0.00	33.97 1.70 0.00	33.82 1.74 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.10 0.00
RAVENSWOOD_GT_11 24259	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.76 1.42 0.00	32.55 1.42 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.23 0.00	31.24 1.54 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.65 1.33 0.00	32.29 1.16 0.00	35.83 1.42 0.00	42.79 2.09 0.00	49.10 2.65 0.00	33.97 1.70 0.00	33.82 1.74 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.10 0.00
RAVENSWOOD_GT_4 24252	24.83 1.07 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.33 1.22 0.00	21.86 1.02 0.00	31.77 1.43 0.00	32.58 1.44 0.00	32.14 1.44 0.00	23.13 1.22 0.00	22.22 1.24 0.00	22.62 1.24 0.00	31.24 1.55 0.00	28.86 1.41 0.00	34.04 1.44 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.84 1.43 0.00	42.79 2.10 0.00	49.13 2.68 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.09 1.71 0.00	25.64 1.36 0.00	21.61 1.11 0.00
RAVENSWOOD_GT_5 24254	24.83 1.07 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.33 1.22 0.00	21.86 1.02 0.00	31.77 1.43 0.00	32.58 1.44 0.00	32.14 1.44 0.00	23.13 1.22 0.00	22.22 1.24 0.00	22.62 1.24 0.00	31.24 1.55 0.00	28.86 1.41 0.00	34.04 1.44 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.84 1.43 0.00	42.79 2.10 0.00	49.13 2.68 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.09 1.71 0.00	25.64 1.36 0.00	21.61 1.11 0.00
RAVENSWOOD_GT_6 24253	24.83 1.07 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.33 1.22 0.00	21.86 1.02 0.00	31.77 1.43 0.00	32.58 1.44 0.00	32.14 1.44 0.00	23.13 1.22 0.00	22.22 1.24 0.00	22.62 1.24 0.00	31.24 1.55 0.00	28.86 1.41 0.00	34.04 1.44 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.84 1.43 0.00	42.79 2.10 0.00	49.13 2.68 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.09 1.71 0.00	25.64 1.36 0.00	21.61 1.11 0.00
RAVENSWOOD_GT_7 24255	24.83 1.07 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.33 1.22 0.00	21.86 1.02 0.00	31.77 1.43 0.00	32.58 1.44 0.00	32.14 1.44 0.00	23.13 1.22 0.00	22.22 1.24 0.00	22.62 1.24 0.00	31.24 1.55 0.00	28.86 1.41 0.00	34.04 1.44 0.00	34.66 1.35 0.00	32.31 1.17 0.00	35.84 1.43 0.00	42.79 2.10 0.00	49.13 2.68 0.00	33.98 1.71 0.00	33.83 1.75 0.00	31.09 1.71 0.00	25.64 1.36 0.00	21.61 1.11 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.76 1.42 0.00	32.55 1.42 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.23 0.00	31.24 1.54 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.65 1.33 0.00	32.29 1.16 0.00	35.83 1.42 0.00	42.79 2.09 0.00	49.10 2.65 0.00	33.97 1.70 0.00	33.82 1.74 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.10 0.00

RAVENSWOOD_GT_9 24257	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.76 1.42 0.00	32.55 1.42 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.61 1.23 0.00	31.24 1.54 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.65 1.33 0.00	32.29 1.16 0.00	35.83 1.42 0.00	42.79 2.09 0.00	49.10 2.65 0.00	33.97 1.70 0.00	33.82 1.74 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.10 0.00
RAVENSWOOD___1 23533	24.80 1.04 0.00	25.63 1.10 0.00	24.43 1.14 0.00	25.29 1.18 0.00	21.81 0.97 0.00	31.70 1.37 0.00	32.47 1.34 0.00	32.07 1.37 0.00	23.10 1.19 0.00	22.19 1.21 0.00	22.57 1.20 0.00	31.19 1.49 0.00	28.81 1.37 0.00	33.97 1.38 0.00	34.60 1.28 0.00	32.25 1.11 0.00	35.77 1.37 0.00	42.70 2.00 0.00	49.05 2.60 0.00	33.93 1.66 0.00	33.80 1.72 0.00	31.04 1.67 0.00	25.59 1.31 0.00	21.56 1.06 0.00
RAVENSWOOD___2 23534	24.80 1.04 0.00	25.63 1.10 0.00	24.43 1.14 0.00	25.29 1.18 0.00	21.81 0.97 0.00	31.70 1.37 0.00	32.47 1.34 0.00	32.07 1.37 0.00	23.10 1.19 0.00	22.19 1.21 0.00	22.57 1.20 0.00	31.19 1.49 0.00	28.81 1.37 0.00	33.97 1.38 0.00	34.60 1.28 0.00	32.25 1.11 0.00	35.77 1.37 0.00	42.70 2.00 0.00	49.05 2.60 0.00	33.93 1.66 0.00	33.80 1.72 0.00	31.04 1.67 0.00	25.59 1.31 0.00	21.56 1.06 0.00
RAVENSWOOD___3 23535	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.32 1.21 0.00	21.85 1.01 0.00	31.76 1.43 0.00	32.55 1.42 0.00	32.13 1.42 0.00	23.12 1.21 0.00	22.21 1.23 0.00	22.60 1.23 0.00	31.23 1.54 0.00	28.84 1.40 0.00	34.03 1.44 0.00	34.65 1.33 0.00	32.29 1.15 0.00	35.82 1.41 0.00	42.75 2.05 0.00	49.10 2.65 0.00	33.97 1.69 0.00	33.82 1.74 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.60 1.10 0.00
RAVENSWOOD___4 23820	24.80 1.04 0.00	25.63 1.10 0.00	24.43 1.14 0.00	25.29 1.18 0.00	21.81 0.97 0.00	31.70 1.37 0.00	32.47 1.34 0.00	32.07 1.37 0.00	23.10 1.19 0.00	22.19 1.21 0.00	22.57 1.20 0.00	31.19 1.49 0.00	28.81 1.37 0.00	33.97 1.38 0.00	34.60 1.28 0.00	32.25 1.11 0.00	35.77 1.37 0.00	42.70 2.00 0.00	49.05 2.60 0.00	33.93 1.66 0.00	33.80 1.72 0.00	31.04 1.67 0.00	25.59 1.31 0.00	21.56 1.06 0.00
RCPL_TRUST___DRP 24196	24.82 1.06 0.00	25.66 1.13 0.00	24.46 1.17 0.00	25.33 1.22 0.00	21.87 1.03 0.00	31.79 1.46 0.00	32.59 1.45 0.00	32.15 1.45 0.00	23.14 1.22 0.00	22.23 1.25 0.00	22.62 1.25 0.00	31.26 1.57 0.00	28.87 1.43 0.00	34.07 1.47 0.00	34.68 1.37 0.00	32.32 1.18 0.00	35.86 1.46 0.00	42.83 2.13 0.00	49.15 2.70 0.00	34.02 1.74 0.00	33.85 1.77 0.00	31.10 1.73 0.00	25.65 1.37 0.00	21.61 1.11 0.00
RED___ROCHESTER 323720	23.02 -0.74 0.00	23.47 -1.06 0.00	22.35 -0.94 0.00	23.05 -1.06 0.00	19.98 -0.87 0.00	29.19 -1.15 0.00	30.04 -1.09 0.00	29.62 -1.09 0.00	21.03 -0.89 0.00	20.13 -0.85 0.00	20.55 -0.82 0.00	28.91 -0.79 0.00	26.80 -0.64 0.00	31.70 -0.89 0.00	32.41 -0.91 0.00	30.22 -0.92 0.00	33.49 -0.92 0.00	39.51 -1.18 0.00	44.87 -1.58 0.00	31.17 -1.10 0.00	30.77 -1.31 0.00	28.07 -1.31 0.00	23.30 -0.98 0.00	19.77 -0.74 0.00
REGAN___SOLAR 323812	25.14 1.37 0.00	25.91 1.38 0.00	24.58 1.29 0.00	25.46 1.35 0.00	22.01 1.17 0.00	32.06 1.73 0.00	32.94 1.80 0.00	32.37 1.67 0.00	22.65 0.74 0.00	21.39 0.41 0.00	21.57 0.20 0.00	30.36 0.66 0.00	27.93 0.49 0.00	33.72 1.12 0.00	35.02 1.71 0.00	33.03 1.89 0.00	36.62 2.21 0.00	43.39 2.69 0.00	49.43 2.98 0.00	34.29 2.02 0.00	33.99 1.91 0.00	31.06 1.68 0.00	25.66 1.39 0.00	21.63 1.13 0.00
RENSSELAER___COGEN 23796	24.54 0.78 0.00	25.41 0.88 0.00	24.13 0.83 0.00	24.97 0.86 0.00	21.58 0.73 0.00	31.40 1.07 0.00	32.25 1.11 0.00	31.83 1.13 0.00	22.74 0.82 0.00	21.77 0.79 0.00	22.12 0.74 0.00	30.50 0.80 0.00	28.16 0.71 0.00	33.49 0.90 0.00	34.34 1.02 0.00	32.16 1.02 0.00	35.57 1.17 0.00	42.15 1.45 0.00	48.23 1.78 0.00	33.50 1.23 0.00	33.33 1.25 0.00	30.52 1.15 0.00	25.19 0.91 0.00	21.25 0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.22 2.46 0.00	27.36 2.83 0.00	25.91 2.62 0.00	26.70 2.58 0.00	23.16 2.32 0.00	33.88 3.54 0.00	35.00 3.86 0.00	34.54 3.84 0.00	24.19 2.28 0.00	23.03 2.05 0.00	23.32 1.94 0.00	32.04 2.34 0.00	29.83 2.39 0.00	35.82 3.22 0.00	36.61 3.30 0.00	34.73 3.59 0.00	38.71 4.30 0.00	45.36 4.66 0.00	51.69 5.23 0.00	36.14 3.87 0.00	35.52 3.44 0.00	32.36 2.98 0.00	26.68 2.40 0.00	22.45 1.95 0.00
REVERE_CPPR_DRP 24186	24.48 0.72 0.00	25.26 0.72 0.00	23.95 0.66 0.00	24.82 0.71 0.00	21.46 0.62 0.00	31.28 0.95 0.00	32.08 0.94 0.00	31.58 0.88 0.00	22.46 0.55 0.00	21.41 0.43 0.00	21.72 0.34 0.00	30.25 0.56 0.00	28.01 0.57 0.00	33.54 0.94 0.00	34.55 1.23 0.00	32.38 1.24 0.00	35.84 1.43 0.00	42.11 1.41 0.00	47.89 1.45 0.00	33.22 0.95 0.00	32.91 0.83 0.00	30.19 0.81 0.00	24.94 0.66 0.00	20.93 0.42 0.00
REYNOLDS_115KV_TB3 80639	24.55 0.79 0.00	25.43 0.90 0.00	24.16 0.87 0.00	24.99 0.88 0.00	21.59 0.75 0.00	31.43 1.10 0.00	32.28 1.15 0.00	31.87 1.16 0.00	22.77 0.85 0.00	21.81 0.83 0.00	22.15 0.78 0.00	30.49 0.79 0.00	28.17 0.73 0.00	33.52 0.92 0.00	34.34 1.03 0.00	32.18 1.03 0.00	35.60 1.19 0.00	42.15 1.45 0.00	48.24 1.79 0.00	33.51 1.24 0.00	33.36 1.28 0.00	30.55 1.18 0.00	25.22 0.94 0.00	21.28 0.78 0.00
RIVERBAY____ 323610	24.83 1.08 0.00	25.63 1.10 0.00	24.43 1.14 0.00	25.32 1.21 0.00	21.84 1.00 0.00	31.73 1.39 0.00	32.56 1.42 0.00	32.12 1.42 0.00	23.15 1.24 0.00	22.28 1.30 0.00	22.67 1.30 0.00	31.31 1.61 0.00	28.91 1.47 0.00	34.05 1.45 0.00	34.68 1.36 0.00	32.34 1.20 0.00	35.90 1.50 0.00	42.88 2.19 0.00	49.21 2.75 0.00	34.02 1.75 0.00	33.90 1.82 0.00	31.13 1.76 0.00	25.68 1.41 0.00	21.65 1.15 0.00
RIVERSDE_115KV_TB3 55908	24.58 0.82 0.00	25.46 0.93 0.00	24.17 0.88 0.00	25.02 0.91 0.00	21.61 0.77 0.00	31.46 1.13 0.00	32.31 1.17 0.00	31.89 1.19 0.00	22.78 0.87 0.00	21.82 0.84 0.00	22.16 0.79 0.00	30.54 0.85 0.00	28.21 0.77 0.00	33.56 0.97 0.00	34.40 1.08 0.00	32.22 1.08 0.00	35.64 1.24 0.00	42.22 1.52 0.00	48.30 1.85 0.00	33.56 1.29 0.00	33.39 1.31 0.00	30.58 1.21 0.00	25.24 0.96 0.00	21.29 0.79 0.00
ROARING___BROOK_WT_PWR 323790	23.45 -0.30 0.00	24.12 -0.42 0.00	22.73 -0.56 0.00	23.58 -0.53 0.00	20.39 -0.46 0.00	29.71 -0.62 0.00	30.55 -0.59 0.00	29.95 -0.75 0.00	21.41 -0.51 0.00	20.49 -0.49 0.00	21.02 -0.36 0.00	29.44 -0.26 0.00	27.31 -0.14 0.00	32.49 -0.10 0.00	33.19 -0.12 0.00	31.03 -0.12 0.00	33.79 -0.61 0.00	39.41 -1.29 0.00	44.73 -1.72 0.00	1.84 -1.23 29.20	31.09 -0.98 0.00	28.54 -0.83 0.00	18.64 -0.70 4.94	-39.00 -0.76 58.75

ROCHESRG_115KV_T4 355643	22.81 -0.95 0.00	23.27 -1.26 0.00	22.17 -1.13 0.00	22.86 -1.25 0.00	19.81 -1.04 0.00	28.93 -1.40 0.00	29.77 -1.36 0.00	29.35 -1.35 0.00	20.85 -1.06 0.00	19.96 -1.03 0.00	20.36 -1.01 0.00	28.61 -1.08 0.00	26.52 -0.92 0.00	31.37 -1.23 0.00	32.05 -1.26 0.00	29.88 -1.26 0.00	33.10 -1.31 0.00	38.99 -1.71 0.00	44.34 -2.11 0.00	30.80 -1.47 0.00	30.43 -1.65 0.00	27.77 -1.60 0.00	23.06 -1.21 0.00	19.59 -0.92 0.00
ROCHESTER_9_IC 23652	22.93 -0.83 0.00	23.38 -1.16 0.00	22.27 -1.02 0.00	22.97 -1.15 0.00	19.90 -0.95 0.00	29.08 -1.26 0.00	29.91 -1.22 0.00	29.49 -1.21 0.00	20.95 -0.97 0.00	20.04 -0.94 0.00	20.46 -0.91 0.00	28.77 -0.92 0.00	26.67 -0.76 0.00	31.55 -1.05 0.00	32.24 -1.07 0.00	30.07 -1.07 0.00	33.31 -1.10 0.00	39.25 -1.45 0.00	44.62 -1.83 0.00	30.99 -1.28 0.00	30.60 -1.48 0.00	27.92 -1.45 0.00	23.18 -1.10 0.00	19.68 -0.82 0.00
ROCKVIEW_13_KV_LD 356306	24.84 1.08 0.00	25.68 1.15 0.00	24.48 1.18 0.00	25.33 1.22 0.00	21.83 0.99 0.00	31.74 1.41 0.00	32.54 1.40 0.00	32.11 1.41 0.00	23.09 1.18 0.00	22.17 1.19 0.00	22.57 1.20 0.00	31.19 1.49 0.00	28.80 1.35 0.00	33.97 1.37 0.00	34.59 1.27 0.00	32.28 1.14 0.00	35.84 1.44 0.00	42.79 2.09 0.00	49.09 2.64 0.00	33.98 1.71 0.00	33.81 1.73 0.00	31.06 1.68 0.00	25.62 1.34 0.00	21.59 1.09 0.00
ROME____115KV_TB2 80656	24.48 0.72 0.00	25.26 0.72 0.00	23.95 0.66 0.00	24.82 0.71 0.00	21.46 0.62 0.00	31.28 0.95 0.00	32.08 0.94 0.00	31.58 0.88 0.00	22.46 0.55 0.00	21.41 0.43 0.00	21.72 0.34 0.00	30.25 0.56 0.00	28.01 0.57 0.00	33.54 0.94 0.00	34.55 1.23 0.00	32.38 1.24 0.00	35.84 1.43 0.00	42.11 1.41 0.00	47.89 1.45 0.00	33.22 0.95 0.00	32.91 0.83 0.00	30.19 0.81 0.00	24.94 0.66 0.00	20.93 0.42 0.00
ROSETON___1 23587	24.57 0.81 0.00	25.41 0.88 0.00	24.20 0.91 0.00	25.05 0.94 0.00	21.62 0.77 0.00	31.43 1.10 0.00	32.23 1.10 0.00	31.80 1.10 0.00	22.84 0.92 0.00	21.91 0.93 0.00	22.30 0.92 0.00	30.83 1.13 0.00	28.45 1.01 0.00	33.62 1.02 0.00	34.26 0.94 0.00	31.97 0.84 0.00	35.44 1.03 0.00	42.25 1.55 0.00	48.49 2.04 0.00	33.59 1.32 0.00	33.42 1.33 0.00	30.68 1.30 0.00	25.32 1.04 0.00	21.34 0.84 0.00
ROSETON___2 23588	24.57 0.81 0.00	25.41 0.88 0.00	24.20 0.91 0.00	25.05 0.94 0.00	21.62 0.77 0.00	31.43 1.10 0.00	32.23 1.10 0.00	31.80 1.10 0.00	22.84 0.92 0.00	21.91 0.93 0.00	22.30 0.92 0.00	30.83 1.13 0.00	28.45 1.01 0.00	33.62 1.02 0.00	34.26 0.94 0.00	31.97 0.84 0.00	35.44 1.03 0.00	42.25 1.55 0.00	48.49 2.04 0.00	33.59 1.32 0.00	33.42 1.33 0.00	30.68 1.30 0.00	25.32 1.04 0.00	21.34 0.84 0.00
ROTRRDAM_115KV_TB3 80664	24.45 0.69 0.00	25.29 0.76 0.00	24.01 0.72 0.00	24.87 0.76 0.00	21.49 0.64 0.00	31.26 0.93 0.00	32.11 0.98 0.00	31.67 0.97 0.00	22.56 0.64 0.00	21.58 0.60 0.00	21.91 0.54 0.00	30.33 0.63 0.00	27.99 0.55 0.00	33.32 0.72 0.00	34.14 0.82 0.00	31.99 0.85 0.00	35.39 0.98 0.00	41.92 1.22 0.00	47.91 1.46 0.00	33.27 1.00 0.00	33.07 0.99 0.00	30.28 0.91 0.00	25.02 0.74 0.00	21.10 0.60 0.00
RUSSELL___1 23602	23.02 -0.74 0.00	23.47 -1.06 0.00	22.35 -0.94 0.00	23.05 -1.06 0.00	19.97 -0.87 0.00	29.19 -1.15 0.00	30.04 -1.10 0.00	29.62 -1.09 0.00	21.03 -0.89 0.00	20.13 -0.85 0.00	20.55 -0.82 0.00	28.91 -0.79 0.00	26.80 -0.64 0.00	31.70 -0.89 0.00	32.41 -0.91 0.00	30.22 -0.92 0.00	33.49 -0.92 0.00	39.46 -1.24 0.00	44.88 -1.58 0.00	31.17 -1.10 0.00	30.77 -1.31 0.00	28.06 -1.31 0.00	23.30 -0.98 0.00	19.77 -0.73 0.00
RUSSELL___2 23532	23.02 -0.74 0.00	23.47 -1.06 0.00	22.35 -0.94 0.00	23.05 -1.06 0.00	19.97 -0.87 0.00	29.19 -1.15 0.00	30.04 -1.10 0.00	29.62 -1.09 0.00	21.03 -0.89 0.00	20.13 -0.85 0.00	20.55 -0.82 0.00	28.91 -0.79 0.00	26.80 -0.64 0.00	31.70 -0.89 0.00	32.41 -0.91 0.00	30.22 -0.92 0.00	33.49 -0.92 0.00	39.46 -1.24 0.00	44.88 -1.58 0.00	31.17 -1.10 0.00	30.77 -1.31 0.00	28.06 -1.31 0.00	23.30 -0.98 0.00	19.77 -0.73 0.00
RUSSELL___3 23549	23.02 -0.74 0.00	23.47 -1.06 0.00	22.35 -0.94 0.00	23.05 -1.06 0.00	19.97 -0.87 0.00	29.19 -1.15 0.00	30.04 -1.10 0.00	29.62 -1.09 0.00	21.03 -0.89 0.00	20.13 -0.85 0.00	20.55 -0.82 0.00	28.91 -0.79 0.00	26.80 -0.64 0.00	31.70 -0.89 0.00	32.41 -0.91 0.00	30.22 -0.92 0.00	33.49 -0.92 0.00	39.46 -1.24 0.00	44.88 -1.58 0.00	31.17 -1.10 0.00	30.77 -1.31 0.00	28.06 -1.31 0.00	23.30 -0.98 0.00	19.77 -0.73 0.00
RUSSELL___4 23556	23.02 -0.74 0.00	23.47 -1.06 0.00	22.35 -0.94 0.00	23.05 -1.06 0.00	19.97 -0.87 0.00	29.19 -1.15 0.00	30.04 -1.10 0.00	29.62 -1.09 0.00	21.03 -0.89 0.00	20.13 -0.85 0.00	20.55 -0.82 0.00	28.91 -0.79 0.00	26.80 -0.64 0.00	31.70 -0.89 0.00	32.41 -0.91 0.00	30.22 -0.92 0.00	33.49 -0.92 0.00	39.46 -1.24 0.00	44.88 -1.58 0.00	31.17 -1.10 0.00	30.77 -1.31 0.00	28.06 -1.31 0.00	23.30 -0.98 0.00	19.77 -0.73 0.00
RUSSELL___STATION 23914	23.02 -0.74 0.00	23.47 -1.06 0.00	22.35 -0.94 0.00	23.05 -1.06 0.00	19.97 -0.87 0.00	29.19 -1.15 0.00	30.04 -1.10 0.00	29.62 -1.09 0.00	21.03 -0.89 0.00	20.13 -0.85 0.00	20.55 -0.82 0.00	28.91 -0.79 0.00	26.80 -0.64 0.00	31.70 -0.89 0.00	32.41 -0.91 0.00	30.22 -0.92 0.00	33.49 -0.92 0.00	39.46 -1.24 0.00	44.88 -1.58 0.00	31.17 -1.10 0.00	30.77 -1.31 0.00	28.06 -1.31 0.00	23.30 -0.98 0.00	19.77 -0.73 0.00
S SALMON___HYD 24043	23.49 -0.27 0.00	24.27 -0.27 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.54 -0.30 0.00	29.97 -0.36 0.00	30.54 -0.60 0.00	30.15 -0.55 0.00	21.53 -0.39 0.00	20.47 -0.51 0.00	20.91 -0.47 0.00	29.13 -0.57 0.00	27.09 -0.35 0.00	32.36 -0.24 0.00	33.14 -0.17 0.00	31.07 -0.07 0.00	34.28 -0.13 0.00	40.15 -0.55 0.00	45.72 -0.73 0.00	31.68 -0.59 0.00	31.41 -0.67 0.00	28.85 -0.53 0.00	23.88 -0.40 0.00	20.05 -0.46 0.00
S.PERRY__115KV_TB1 80734	23.25 -0.50 0.00	23.69 -0.84 0.00	22.48 -0.81 0.00	23.15 -0.96 0.00	20.09 -0.76 0.00	29.34 -1.00 0.00	30.28 -0.86 0.00	29.84 -0.87 0.00	21.07 -0.85 0.00	20.04 -0.94 0.00	20.61 -0.77 0.00	29.33 -0.36 0.00	27.31 -0.13 0.00	32.09 -0.50 0.00	32.64 -0.67 0.00	30.51 -0.64 0.00	33.74 -0.67 0.00	39.85 -0.84 0.00	45.32 -1.13 0.00	31.46 -0.82 0.00	30.97 -1.11 0.00	28.26 -1.11 0.00	23.43 -0.85 0.00	19.89 -0.61 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.46 -1.30 0.00	22.71 -1.82 0.00	21.67 -1.62 0.00	22.29 -1.82 0.00	19.34 -1.51 0.00	28.33 -2.00 0.00	29.18 -1.95 0.00	28.72 -1.98 0.00	20.39 -1.52 0.00	19.53 -1.45 0.00	19.94 -1.44 0.00	28.22 -1.48 0.00	26.14 -1.30 0.00	30.71 -1.89 0.00	31.31 -2.01 0.00	29.12 -2.02 0.00	32.27 -2.14 0.00	37.82 -2.88 0.00	42.89 -3.56 0.00	29.86 -2.41 0.00	29.41 -2.67 0.00	26.83 -2.54 0.00	22.41 -1.87 0.00	19.15 -1.35 0.00

SAWYER___23_KV_LOAD 55526	22.46 -1.30 0.00	22.71 -1.82 0.00	21.67 -1.62 0.00	22.29 -1.82 0.00	19.34 -1.51 0.00	28.33 -2.00 0.00	29.18 -1.95 0.00	28.72 -1.98 0.00	20.39 -1.52 0.00	19.53 -1.45 0.00	19.94 -1.44 0.00	28.22 -1.48 0.00	26.14 -1.30 0.00	30.71 -1.89 0.00	31.31 -2.01 0.00	29.12 -2.02 0.00	32.27 -2.14 0.00	37.82 -2.88 0.00	42.89 -3.56 0.00	29.86 -2.41 0.00	29.41 -2.67 0.00	26.83 -2.54 0.00	22.41 -1.87 0.00	19.15 -1.35 0.00
SELKIRK___I 23801	24.55 0.79 0.00	25.43 0.90 0.00	24.12 0.83 0.00	24.96 0.85 0.00	21.57 0.73 0.00	31.41 1.08 0.00	32.26 1.12 0.00	31.81 1.11 0.00	22.65 0.73 0.00	21.66 0.68 0.00	22.01 0.63 0.00	30.40 0.71 0.00	28.01 0.57 0.00	33.40 0.80 0.00	34.29 0.98 0.00	32.16 1.02 0.00	35.57 1.17 0.00	42.10 1.41 0.00	48.15 1.70 0.00	33.46 1.19 0.00	33.27 1.19 0.00	30.49 1.12 0.00	25.17 0.89 0.00	21.24 0.74 0.00
SELKIRK___II 23799	24.42 0.66 0.00	25.29 0.76 0.00	24.01 0.71 0.00	24.85 0.74 0.00	21.47 0.63 0.00	31.24 0.91 0.00	32.08 0.94 0.00	31.65 0.95 0.00	22.61 0.69 0.00	21.65 0.67 0.00	22.01 0.63 0.00	30.38 0.68 0.00	28.04 0.60 0.00	33.34 0.74 0.00	34.16 0.84 0.00	31.99 0.85 0.00	35.37 0.97 0.00	41.92 1.22 0.00	47.96 1.51 0.00	33.31 1.03 0.00	33.13 1.06 0.00	30.35 0.98 0.00	25.06 0.78 0.00	21.14 0.64 0.00
SENECA OSWGO___HYD 24041	23.16 -0.60 0.00	23.88 -0.65 0.00	22.66 -0.63 0.00	23.46 -0.65 0.00	20.29 -0.55 0.00	29.54 -0.79 0.00	30.32 -0.81 0.00	29.92 -0.79 0.00	21.34 -0.57 0.00	20.37 -0.61 0.00	20.76 -0.62 0.00	28.90 -0.79 0.00	26.77 -0.67 0.00	31.82 -0.78 0.00	32.53 -0.78 0.00	30.42 -0.72 0.00	33.66 -0.75 0.00	39.82 -0.87 0.00	45.43 -1.02 0.00	31.52 -0.75 0.00	31.28 -0.80 0.00	28.61 -0.77 0.00	23.65 -0.63 0.00	19.97 -0.53 0.00
SENECA___115KV_TB3 355854	22.69 -1.07 0.00	22.98 -1.54 0.00	21.91 -1.39 0.00	22.54 -1.57 0.00	19.55 -1.29 0.00	28.64 -1.69 0.00	29.51 -1.63 0.00	29.04 -1.67 0.00	20.63 -1.29 0.00	19.77 -1.21 0.00	20.20 -1.17 0.00	28.60 -1.10 0.00	26.50 -0.95 0.00	31.07 -1.52 0.00	31.65 -1.66 0.00	29.44 -1.70 0.00	32.60 -1.80 0.00	38.26 -2.44 0.00	43.44 -3.02 0.00	30.21 -2.06 0.00	29.75 -2.33 0.00	27.16 -2.21 0.00	22.65 -1.62 0.00	19.36 -1.14 0.00
SENECA___ENERGY 23797	23.16 -0.60 0.00	23.81 -0.73 0.00	22.57 -0.72 0.00	23.34 -0.77 0.00	20.21 -0.63 0.00	29.49 -0.84 0.00	30.33 -0.80 0.00	29.92 -0.79 0.00	21.31 -0.61 0.00	20.34 -0.64 0.00	20.74 -0.64 0.00	29.01 -0.69 0.00	26.91 -0.54 0.00	31.86 -0.74 0.00	32.54 -0.77 0.00	30.44 -0.70 0.00	33.60 -0.81 0.00	39.86 -0.84 0.00	45.52 -0.93 0.00	31.55 -0.72 0.00	31.21 -0.87 0.00	28.52 -0.85 0.00	23.56 -0.72 0.00	19.92 -0.58 0.00
SHOEMAKER___GT 23640	24.50 0.73 0.00	25.33 0.80 0.00	24.11 0.82 0.00	24.95 0.84 0.00	21.55 0.70 0.00	31.34 1.01 0.00	32.15 1.01 0.00	31.72 1.01 0.00	22.75 0.84 0.00	21.81 0.82 0.00	22.19 0.82 0.00	30.70 1.00 0.00	28.35 0.91 0.00	33.51 0.92 0.00	34.18 0.87 0.00	31.93 0.79 0.00	35.39 0.98 0.00	42.17 1.47 0.00	48.37 1.92 0.00	33.52 1.24 0.00	33.32 1.24 0.00	30.56 1.18 0.00	25.22 0.94 0.00	21.26 0.76 0.00
SHOEMAKR_138KV_BK 111 55601	24.49 0.73 0.00	25.32 0.78 0.00	24.10 0.81 0.00	24.94 0.84 0.00	21.54 0.69 0.00	31.33 1.00 0.00	32.13 1.00 0.00	31.70 1.00 0.00	22.75 0.83 0.00	21.80 0.82 0.00	22.19 0.82 0.00	30.70 1.00 0.00	28.35 0.91 0.00	33.49 0.90 0.00	34.17 0.85 0.00	31.91 0.77 0.00	35.36 0.96 0.00	42.17 1.47 0.00	48.34 1.89 0.00	33.49 1.22 0.00	33.30 1.22 0.00	30.55 1.17 0.00	25.21 0.93 0.00	21.26 0.76 0.00
SHOREHAM_IC_1 23715	28.04 1.62 -2.66	25.96 1.43 0.00	26.70 1.91 -1.50	29.50 2.09 -3.30	33.39 1.76 -10.78	32.38 2.05 0.00	32.63 1.49 0.00	32.32 1.62 0.00	23.78 1.86 0.00	34.40 2.00 -11.41	25.66 1.75 -2.53	31.61 1.91 0.00	28.99 1.55 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.21 1.07 0.00	35.51 1.10 0.00	41.03 0.46 0.13	48.22 1.77 0.00	33.90 1.62 0.00	33.90 1.82 0.00	31.18 1.80 0.00	25.90 1.62 0.00	21.95 1.44 0.00
SHOREHAM_IC_2 23716	28.04 1.62 -2.66	25.96 1.43 0.00	26.70 1.91 -1.50	29.50 2.09 -3.30	33.39 1.76 -10.78	32.38 2.05 0.00	32.63 1.49 0.00	32.32 1.62 0.00	23.78 1.86 0.00	34.40 2.00 -11.41	25.66 1.75 -2.53	31.61 1.91 0.00	28.99 1.55 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.21 1.07 0.00	35.51 1.10 0.00	41.03 0.46 0.13	48.22 1.77 0.00	33.90 1.62 0.00	33.90 1.82 0.00	31.18 1.80 0.00	25.90 1.62 0.00	21.95 1.44 0.00
SISSONVILLE____ 23735	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.83 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.15 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
SITHE_IND_GS1 24169	22.93 -0.83 0.00	23.64 -0.89 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.03 -1.10 0.00	29.62 -1.08 0.00	21.14 -0.78 0.00	20.22 -0.76 0.00	20.61 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.19 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.35 -1.35 0.00	44.90 -1.55 0.00	31.17 -1.10 0.00	30.94 -1.14 0.00	28.32 -1.06 0.00	23.41 -0.86 0.00	19.79 -0.72 0.00
SITHE_IND_GS2 24170	22.93 -0.83 0.00	23.64 -0.89 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.03 -1.10 0.00	29.62 -1.08 0.00	21.14 -0.78 0.00	20.22 -0.76 0.00	20.61 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.19 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.35 -1.35 0.00	44.90 -1.55 0.00	31.17 -1.10 0.00	30.94 -1.14 0.00	28.32 -1.06 0.00	23.41 -0.86 0.00	19.79 -0.72 0.00
SITHE_IND_GS3 24171	22.93 -0.83 0.00	23.64 -0.89 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.03 -1.10 0.00	29.62 -1.08 0.00	21.14 -0.78 0.00	20.22 -0.76 0.00	20.61 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.19 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.35 -1.35 0.00	44.90 -1.55 0.00	31.17 -1.10 0.00	30.94 -1.14 0.00	28.32 -1.06 0.00	23.41 -0.86 0.00	19.79 -0.72 0.00
SITHE_IND_GS4 24172	22.93 -0.83 0.00	23.64 -0.89 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.03 -1.10 0.00	29.62 -1.08 0.00	21.14 -0.78 0.00	20.22 -0.76 0.00	20.61 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.19 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.35 -1.35 0.00	44.90 -1.55 0.00	31.17 -1.10 0.00	30.94 -1.14 0.00	28.32 -1.06 0.00	23.41 -0.86 0.00	19.79 -0.72 0.00

SITHE___BATAVIA 24024	23.05 -0.71 0.00	23.33 -1.20 0.00	22.23 -1.06 0.00	22.89 -1.22 0.00	19.87 -0.98 0.00	29.11 -1.23 0.00	30.01 -1.13 0.00	29.55 -1.15 0.00	20.89 -1.03 0.00	19.97 -1.01 0.00	20.34 -1.03 0.00	28.90 -0.80 0.00	26.86 -0.58 0.00	31.68 -0.91 0.00	32.34 -0.98 0.00	30.15 -0.99 0.00	33.44 -0.96 0.00	39.37 -1.33 0.00	44.55 -1.91 0.00	30.96 -1.32 0.00	30.48 -1.60 0.00	27.76 -1.61 0.00	23.14 -1.14 0.00	19.69 -0.81 0.00
SITHE___INDEPEND 23800	22.93 -0.83 0.00	23.64 -0.89 0.00	22.45 -0.84 0.00	23.23 -0.88 0.00	20.10 -0.74 0.00	29.26 -1.07 0.00	30.03 -1.10 0.00	29.62 -1.08 0.00	21.14 -0.78 0.00	20.22 -0.76 0.00	20.60 -0.77 0.00	28.68 -1.02 0.00	26.52 -0.92 0.00	31.49 -1.11 0.00	32.19 -1.12 0.00	30.09 -1.05 0.00	33.27 -1.14 0.00	39.34 -1.35 0.00	44.90 -1.55 0.00	31.17 -1.10 0.00	30.94 -1.14 0.00	28.32 -1.06 0.00	23.41 -0.86 0.00	19.79 -0.72 0.00
SITHE___MASSENA 23902	24.01 0.25 0.00	24.74 0.22 0.00	23.50 0.20 0.00	24.31 0.20 0.00	21.02 0.18 0.00	30.61 0.27 0.00	31.41 0.27 0.00	30.95 0.24 0.00	22.06 0.14 0.00	21.12 0.14 0.00	21.54 0.16 0.00	30.07 0.37 0.00	27.81 0.38 0.00	33.10 0.51 0.00	33.80 0.48 0.00	31.56 0.42 0.00	34.80 0.40 0.00	40.98 0.29 0.00	46.49 0.04 0.00	32.41 0.14 0.00	32.23 0.16 0.00	29.50 0.12 0.00	24.41 0.13 0.00	20.64 0.14 0.00
SITHE___OGDNSBRG 24021	26.18 2.42 0.00	27.05 2.52 0.00	25.52 2.23 0.00	26.40 2.29 0.00	22.80 1.95 0.00	33.27 2.93 0.00	34.01 2.88 0.00	33.52 2.82 0.00	23.29 1.37 0.00	21.64 0.66 0.00	21.97 0.60 0.00	31.55 1.85 0.00	29.42 1.98 0.00	35.73 3.13 0.00	36.95 3.63 0.00	35.16 4.02 0.00	38.93 4.53 0.00	45.49 4.79 0.00	50.96 4.51 0.00	35.55 3.28 0.00	35.12 3.04 0.00	32.20 2.83 0.00	26.52 2.25 0.00	22.08 1.58 0.00
SITHE___STERLING 23777	24.22 0.46 0.00	24.99 0.45 0.00	23.72 0.42 0.00	24.57 0.46 0.00	21.26 0.41 0.00	30.96 0.63 0.00	31.78 0.65 0.00	31.32 0.62 0.00	22.29 0.37 0.00	21.26 0.28 0.00	21.59 0.22 0.00	30.06 0.37 0.00	27.80 0.36 0.00	33.22 0.63 0.00	34.17 0.85 0.00	32.02 0.88 0.00	35.40 0.99 0.00	41.70 1.00 0.00	47.51 1.06 0.00	32.95 0.67 0.00	32.67 0.59 0.00	29.92 0.55 0.00	24.71 0.43 0.00	20.80 0.30 0.00
SLEIGHT__34_KV_TB1 80719	23.01 -0.75 0.00	23.56 -0.97 0.00	22.40 -0.89 0.00	23.14 -0.96 0.00	20.06 -0.79 0.00	29.28 -1.05 0.00	30.11 -1.03 0.00	29.70 -1.00 0.00	21.13 -0.79 0.00	20.19 -0.80 0.00	20.59 -0.79 0.00	28.86 -0.84 0.00	26.75 -0.69 0.00	31.72 -0.87 0.00	32.43 -0.88 0.00	30.29 -0.85 0.00	33.51 -0.90 0.00	39.57 -1.13 0.00	45.08 -1.37 0.00	31.29 -0.98 0.00	30.92 -1.16 0.00	28.23 -1.14 0.00	23.38 -0.90 0.00	19.78 -0.72 0.00
SOUTH CAIRO___GT 23612	25.47 1.71 0.00	26.36 1.83 0.00	24.96 1.67 0.00	25.85 1.74 0.00	22.36 1.52 0.00	32.58 2.25 0.00	33.55 2.42 0.00	33.18 2.47 0.00	23.59 1.67 0.00	22.38 1.40 0.00	22.60 1.22 0.00	31.10 1.40 0.00	28.67 1.23 0.00	34.42 1.82 0.00	35.64 2.33 0.00	33.69 2.55 0.00	37.40 2.99 0.00	44.27 3.57 0.00	50.50 4.05 0.00	35.02 2.75 0.00	34.71 2.64 0.00	31.70 2.33 0.00	26.10 1.82 0.00	21.97 1.47 0.00
SOUTH HAMPTN___IC 23720	28.23 1.82 -2.66	26.21 1.68 0.00	26.91 2.12 -1.50	29.72 2.31 -3.30	33.58 1.95 -10.78	32.70 2.37 0.00	33.00 1.87 0.00	32.70 1.99 0.00	24.00 2.09 0.00	34.59 2.19 -11.41	25.86 1.95 -2.53	31.81 2.11 0.00	29.08 1.65 0.00	33.61 1.02 0.00	34.01 0.70 0.00	32.20 1.06 0.00	35.50 1.09 0.00	41.05 0.48 0.13	48.24 1.78 0.00	33.84 1.57 0.00	33.83 1.75 0.00	31.11 1.74 0.00	25.83 1.55 0.00	21.88 1.37 0.00
SOUTHDOW_115KV_TB1 355954	22.96 -0.79 0.00	23.27 -1.26 0.00	22.28 -1.01 0.00	22.90 -1.21 0.00	19.80 -1.05 0.00	28.98 -1.35 0.00	29.93 -1.21 0.00	29.38 -1.32 0.00	20.91 -1.01 0.00	20.16 -0.82 0.00	20.67 -0.70 0.00	29.20 -0.49 0.00	26.96 -0.48 0.00	31.46 -1.14 0.00	32.11 -1.21 0.00	29.89 -1.25 0.00	33.03 -1.38 0.00	38.87 -1.83 0.00	44.31 -2.14 0.00	30.73 -1.55 0.00	30.45 -1.63 0.00	27.73 -1.64 0.00	22.95 -1.33 0.00	19.62 -0.88 0.00
SOUTHOLD_69_KV_BK 2 55809	28.47 2.06 -2.66	26.52 1.99 0.00	27.22 2.43 -1.50	30.06 2.65 -3.30	33.88 2.25 -10.78	33.15 2.82 0.00	33.51 2.37 0.00	33.20 2.49 0.00	24.34 2.43 0.00	34.93 2.53 -11.41	26.15 2.24 -2.53	32.07 2.37 0.00	29.11 1.67 0.00	33.53 0.93 0.00	33.84 0.52 0.00	32.03 0.89 0.00	35.32 0.91 0.00	41.34 0.77 0.13	47.97 1.51 0.00	33.59 1.32 0.00	33.55 1.47 0.00	30.86 1.49 0.00	25.59 1.31 0.00	21.65 1.15 0.00
SOUTHOLD___IC 23719	28.47 2.06 -2.66	26.52 1.99 0.00	27.22 2.43 -1.50	30.06 2.65 -3.30	33.88 2.25 -10.78	33.15 2.82 0.00	33.51 2.37 0.00	33.20 2.49 0.00	24.34 2.43 0.00	34.93 2.53 -11.41	26.15 2.24 -2.53	32.07 2.37 0.00	29.11 1.67 0.00	33.53 0.93 0.00	33.84 0.52 0.00	32.04 0.90 0.00	35.32 0.91 0.00	40.77 0.20 0.13	47.96 1.51 0.00	33.59 1.32 0.00	33.55 1.47 0.00	30.86 1.48 0.00	25.59 1.31 0.00	21.65 1.15 0.00
SOUTH_FORK_WT_PWR 323839	28.44 2.02 -2.66	26.52 1.99 0.00	27.24 2.45 -1.50	30.08 2.68 -3.30	33.90 2.27 -10.78	33.20 2.86 0.00	33.55 2.41 0.00	33.25 2.55 0.00	24.38 2.47 0.00	34.96 2.56 -11.41	26.14 2.23 -2.53	31.95 2.25 0.00	28.89 1.45 0.00	33.18 0.59 0.00	33.43 0.11 0.00	31.64 0.49 0.00	34.83 0.43 0.00	40.11 -0.46 0.13	47.27 0.82 0.00	33.09 0.82 0.00	33.06 0.98 0.00	30.41 1.03 0.00	25.21 0.93 0.00	21.33 0.82 0.00
SPIERFLS_115KV_TB 1 80737	25.28 1.52 0.00	26.21 1.68 0.00	24.86 1.56 0.00	25.71 1.60 0.00	22.24 1.40 0.00	32.42 2.09 0.00	33.38 2.24 0.00	32.96 2.26 0.00	23.38 1.46 0.00	22.32 1.34 0.00	22.62 1.24 0.00	31.14 1.45 0.00	28.57 1.13 0.00	33.94 1.35 0.00	34.66 1.34 0.00	32.56 1.42 0.00	36.12 1.71 0.00	42.66 1.96 0.00	48.73 2.28 0.00	33.89 1.62 0.00	33.59 1.51 0.00	30.71 1.34 0.00	25.40 1.12 0.00	21.40 0.89 0.00
ST LAWRENCE____ 23600	23.78 0.02 0.00	24.51 -0.02 0.00	23.28 -0.01 0.00	24.08 -0.03 0.00	20.83 -0.01 0.00	30.31 -0.02 0.00	31.11 -0.02 0.00	30.66 -0.04 0.00	21.85 -0.06 0.00	20.92 -0.06 0.00	21.33 -0.04 0.00	29.78 0.08 0.00	27.54 0.10 0.00	32.78 0.19 0.00	33.47 0.16 0.00	31.26 0.12 0.00	34.46 0.05 0.00	40.58 -0.12 0.00	46.05 -0.40 0.00	32.10 -0.17 0.00	31.94 -0.14 0.00	29.22 -0.15 0.00	24.18 -0.09 0.00	20.45 -0.06 0.00
STATE_CA_115KV_115_LB 55624	24.66 0.89 0.00	25.53 1.00 0.00	24.23 0.94 0.00	25.08 0.98 0.00	21.67 0.83 0.00	31.54 1.21 0.00	32.40 1.26 0.00	31.97 1.27 0.00	22.83 0.91 0.00	21.87 0.89 0.00	22.22 0.84 0.00	30.65 0.95 0.00	28.31 0.87 0.00	33.68 1.08 0.00	34.51 1.20 0.00	32.33 1.19 0.00	35.78 1.37 0.00	42.38 1.69 0.00	48.48 2.03 0.00	33.66 1.39 0.00	33.49 1.41 0.00	30.66 1.29 0.00	25.31 1.03 0.00	21.35 0.84 0.00

STATE_ST_34_KV_LOAD 55959	23.53 -0.23 0.00	24.22 -0.31 0.00	22.98 -0.32 0.00	23.80 -0.31 0.00	20.59 -0.25 0.00	30.09 -0.25 0.00	30.91 -0.22 0.00	30.49 -0.21 0.00	21.73 -0.18 0.00	20.71 -0.27 0.00	21.10 -0.28 0.00	29.38 -0.31 0.00	27.22 -0.22 0.00	32.32 -0.28 0.00	33.13 -0.18 0.00	31.01 -0.14 0.00	34.17 -0.24 0.00	40.46 -0.24 0.00	46.35 -0.10 0.00	32.14 -0.13 0.00	31.87 -0.21 0.00	29.14 -0.23 0.00	24.07 -0.21 0.00	20.27 -0.23 0.00
STATION 5_MISC_HYD 23604	22.93 -0.83 0.00	23.38 -1.16 0.00	22.27 -1.02 0.00	22.97 -1.15 0.00	19.90 -0.94 0.00	29.08 -1.26 0.00	29.92 -1.22 0.00	29.49 -1.21 0.00	20.95 -0.97 0.00	20.04 -0.94 0.00	20.46 -0.91 0.00	28.77 -0.93 0.00	26.68 -0.76 0.00	31.55 -1.05 0.00	32.24 -1.07 0.00	30.07 -1.07 0.00	33.31 -1.10 0.00	39.30 -1.39 0.00	44.62 -1.83 0.00	31.00 -1.28 0.00	30.60 -1.47 0.00	27.93 -1.45 0.00	23.18 -1.09 0.00	19.68 -0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.20 -0.56 0.00	23.75 -0.78 0.00	22.57 -0.72 0.00	23.31 -0.80 0.00	20.19 -0.65 0.00	29.48 -0.85 0.00	30.35 -0.79 0.00	29.92 -0.78 0.00	21.27 -0.64 0.00	20.33 -0.65 0.00	20.73 -0.64 0.00	29.12 -0.58 0.00	27.00 -0.45 0.00	31.96 -0.64 0.00	32.65 -0.67 0.00	30.51 -0.63 0.00	33.75 -0.65 0.00	39.90 -0.80 0.00	45.44 -1.01 0.00	31.54 -0.74 0.00	31.16 -0.92 0.00	28.45 -0.93 0.00	23.54 -0.74 0.00	19.92 -0.58 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.84 -0.92 0.00	23.31 -1.22 0.00	22.19 -1.10 0.00	22.90 -1.21 0.00	19.83 -1.01 0.00	28.97 -1.36 0.00	29.81 -1.32 0.00	29.39 -1.31 0.00	20.89 -1.03 0.00	19.99 -1.00 0.00	20.40 -0.98 0.00	28.66 -1.04 0.00	26.57 -0.87 0.00	31.44 -1.15 0.00	32.13 -1.19 0.00	29.97 -1.17 0.00	33.21 -1.20 0.00	39.13 -1.57 0.00	44.51 -1.94 0.00	30.91 -1.37 0.00	30.53 -1.55 0.00	27.85 -1.52 0.00	23.11 -1.17 0.00	19.61 -0.89 0.00
STA_56___34_KV_BUS2 355983	22.84 -0.92 0.00	23.31 -1.22 0.00	22.19 -1.10 0.00	22.90 -1.21 0.00	19.83 -1.01 0.00	28.97 -1.36 0.00	29.81 -1.32 0.00	29.39 -1.31 0.00	20.89 -1.03 0.00	19.99 -1.00 0.00	20.40 -0.98 0.00	28.66 -1.04 0.00	26.57 -0.87 0.00	31.44 -1.15 0.00	32.13 -1.19 0.00	29.97 -1.17 0.00	33.21 -1.20 0.00	39.13 -1.57 0.00	44.51 -1.94 0.00	30.91 -1.37 0.00	30.53 -1.55 0.00	27.85 -1.52 0.00	23.11 -1.17 0.00	19.61 -0.89 0.00
STA_67___115KV_BK2 355882	22.88 -0.88 0.00	23.34 -1.19 0.00	22.23 -1.06 0.00	22.93 -1.18 0.00	19.86 -0.98 0.00	29.02 -1.31 0.00	29.87 -1.27 0.00	29.44 -1.26 0.00	20.91 -1.00 0.00	20.01 -0.97 0.00	20.42 -0.95 0.00	28.71 -0.99 0.00	26.62 -0.82 0.00	31.48 -1.12 0.00	32.16 -1.15 0.00	30.00 -1.14 0.00	33.23 -1.18 0.00	39.14 -1.56 0.00	44.52 -1.93 0.00	30.92 -1.35 0.00	30.54 -1.54 0.00	27.86 -1.51 0.00	23.13 -1.14 0.00	19.65 -0.86 0.00
STA_7___115KV_9TRANS 80674	23.02 -0.74 0.00	23.47 -1.06 0.00	22.35 -0.94 0.00	23.05 -1.06 0.00	19.97 -0.87 0.00	29.19 -1.15 0.00	30.04 -1.10 0.00	29.62 -1.09 0.00	21.03 -0.89 0.00	20.13 -0.85 0.00	20.55 -0.82 0.00	28.91 -0.79 0.00	26.80 -0.64 0.00	31.70 -0.89 0.00	32.41 -0.91 0.00	30.22 -0.92 0.00	33.49 -0.92 0.00	39.46 -1.24 0.00	44.88 -1.58 0.00	31.17 -1.10 0.00	30.77 -1.31 0.00	28.06 -1.31 0.00	23.30 -0.98 0.00	19.77 -0.73 0.00
STA_82___115KV_TB1 80780	22.89 -0.87 0.00	23.34 -1.19 0.00	22.23 -1.06 0.00	22.93 -1.18 0.00	19.86 -0.98 0.00	29.02 -1.31 0.00	29.87 -1.27 0.00	29.44 -1.26 0.00	20.92 -1.00 0.00	20.01 -0.97 0.00	20.42 -0.95 0.00	28.72 -0.98 0.00	26.62 -0.81 0.00	31.49 -1.10 0.00	32.18 -1.14 0.00	30.01 -1.13 0.00	33.24 -1.16 0.00	39.17 -1.53 0.00	44.52 -1.93 0.00	30.93 -1.34 0.00	30.54 -1.54 0.00	27.87 -1.50 0.00	23.14 -1.14 0.00	19.65 -0.85 0.00
STEEL___WIND 323596	22.67 -1.09 0.00	22.97 -1.56 0.00	21.88 -1.41 0.00	22.51 -1.60 0.00	19.54 -1.30 0.00	28.62 -1.72 0.00	29.48 -1.66 0.00	29.00 -1.70 0.00	20.61 -1.31 0.00	19.75 -1.23 0.00	20.18 -1.20 0.00	28.57 -1.13 0.00	26.48 -0.96 0.00	31.04 -1.56 0.00	31.61 -1.71 0.00	29.39 -1.75 0.00	32.53 -1.87 0.00	38.28 -2.42 0.00	43.34 -3.11 0.00	30.15 -2.13 0.00	29.68 -2.39 0.00	27.11 -2.26 0.00	22.61 -1.67 0.00	19.31 -1.19 0.00
STEPHTWN_115KV_BK_2 55603	24.72 0.97 0.00	25.61 1.08 0.00	24.28 0.99 0.00	25.09 0.99 0.00	21.69 0.85 0.00	31.66 1.33 0.00	32.48 1.34 0.00	32.10 1.40 0.00	22.92 1.01 0.00	21.96 0.98 0.00	22.22 0.84 0.00	30.75 1.06 0.00	28.43 0.99 0.00	33.76 1.16 0.00	34.59 1.28 0.00	32.40 1.26 0.00	35.88 1.48 0.00	42.52 1.82 0.00	48.75 2.30 0.00	33.82 1.54 0.00	33.69 1.61 0.00	30.80 1.43 0.00	25.36 1.08 0.00	21.41 0.91 0.00
STEUBEN_REC_LFGE 323667	22.23 -1.52 0.00	22.70 -1.83 0.00	21.36 -1.93 0.00	21.93 -2.18 0.00	19.08 -1.76 0.00	27.70 -2.63 0.00	28.68 -2.46 0.00	28.22 -2.48 0.00	20.09 -1.82 0.00	19.38 -1.60 0.00	20.02 -1.36 0.00	28.60 -1.10 0.00	26.59 -0.86 0.00	30.63 -1.96 0.00	31.16 -2.15 0.00	29.22 -1.92 0.00	31.88 -2.52 0.00	37.77 -2.93 0.00	42.84 -3.61 0.00	29.67 -2.60 0.00	29.18 -2.90 0.00	26.79 -2.58 0.00	22.21 -2.07 0.00	18.95 -1.55 0.00
STILLWATER___SOLAR 323814	24.98 1.22 0.00	25.87 1.34 0.00	24.56 1.26 0.00	25.41 1.30 0.00	21.96 1.12 0.00	32.00 1.66 0.00	32.91 1.77 0.00	32.47 1.77 0.00	23.08 1.16 0.00	22.06 1.08 0.00	22.36 0.98 0.00	30.82 1.13 0.00	28.44 1.00 0.00	33.88 1.29 0.00	34.75 1.44 0.00	32.63 1.49 0.00	36.15 1.74 0.00	42.75 2.06 0.00	48.87 2.42 0.00	33.97 1.69 0.00	33.73 1.65 0.00	30.85 1.48 0.00	25.48 1.20 0.00	21.48 0.98 0.00
STONY___BROOK 24151	28.13 1.72 -2.66	26.14 1.61 0.00	26.67 1.88 -1.50	29.39 1.98 -3.30	33.29 1.66 -10.78	32.41 2.08 0.00	32.81 1.68 0.00	32.48 1.78 0.00	23.72 1.80 0.00	34.28 1.88 -11.41	25.67 1.76 -2.53	31.68 1.98 0.00	29.18 1.74 0.00	33.73 1.13 0.00	34.18 0.87 0.00	32.24 1.09 0.00	35.56 1.16 0.00	41.54 0.97 0.13	48.53 2.08 0.00	33.93 1.66 0.00	33.93 1.85 0.00	31.22 1.84 0.00	25.95 1.67 0.00	22.00 1.50 0.00
STURGEON_POOL_HYD 23609	24.32 0.56 0.00	25.16 0.63 0.00	23.95 0.65 0.00	24.81 0.70 0.00	21.41 0.57 0.00	31.11 0.78 0.00	31.90 0.76 0.00	31.49 0.79 0.00	22.62 0.70 0.00	21.72 0.74 0.00	22.14 0.77 0.00	30.60 0.90 0.00	28.26 0.82 0.00	33.37 0.77 0.00	34.00 0.69 0.00	31.71 0.57 0.00	35.13 0.73 0.00	41.88 1.19 0.00	48.03 1.59 0.00	33.29 1.02 0.00	33.11 1.03 0.00	30.39 1.01 0.00	25.07 0.80 0.00	21.13 0.62 0.00
ST_LAW_115_BK7_LBMP 345037	23.78 0.02 0.00	24.51 -0.02 0.00	23.29 0.00 0.00	24.08 -0.02 0.00	20.83 -0.01 0.00	30.32 -0.02 0.00	31.12 -0.02 0.00	30.66 -0.04 0.00	21.86 -0.06 0.00	20.92 -0.06 0.00	21.34 -0.04 0.00	29.78 0.08 0.00	27.54 0.10 0.00	32.79 0.19 0.00	33.48 0.17 0.00	31.27 0.13 0.00	34.47 0.07 0.00	40.59 -0.11 0.00	46.06 -0.39 0.00	32.11 -0.16 0.00	31.94 -0.14 0.00	29.23 -0.15 0.00	24.19 -0.09 0.00	20.45 -0.05 0.00

ST_LAW_115_BK8_LBMP 345038	23.78 0.02 0.00	24.51 -0.02 0.00	23.29 0.00 0.00	24.08 -0.02 0.00	20.83 -0.01 0.00	30.32 -0.02 0.00	31.12 -0.02 0.00	30.66 -0.04 0.00	21.86 -0.06 0.00	20.92 -0.06 0.00	21.34 -0.04 0.00	29.78 0.08 0.00	27.54 0.10 0.00	32.79 0.19 0.00	33.48 0.17 0.00	31.27 0.13 0.00	34.47 0.07 0.00	40.59 -0.11 0.00	46.06 -0.39 0.00	32.11 -0.16 0.00	31.94 -0.14 0.00	29.23 -0.15 0.00	24.19 -0.09 0.00	20.45 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	23.78 0.02 0.00	24.51 -0.02 0.00	23.28 -0.01 0.00	24.08 -0.03 0.00	20.83 -0.01 0.00	30.31 -0.02 0.00	31.11 -0.02 0.00	30.66 -0.04 0.00	21.85 -0.06 0.00	20.92 -0.06 0.00	21.33 -0.04 0.00	29.78 0.08 0.00	27.54 0.10 0.00	32.78 0.19 0.00	33.47 0.16 0.00	31.26 0.12 0.00	34.46 0.05 0.00	40.58 -0.12 0.00	46.05 -0.40 0.00	32.10 -0.17 0.00	31.94 -0.14 0.00	29.22 -0.15 0.00	24.18 -0.09 0.00	20.45 -0.06 0.00
ST_LAW_230_BK6_LBMP 345036	23.78 0.02 0.00	24.51 -0.02 0.00	23.28 -0.01 0.00	24.08 -0.03 0.00	20.83 -0.01 0.00	30.31 -0.02 0.00	31.11 -0.02 0.00	30.66 -0.04 0.00	21.85 -0.06 0.00	20.92 -0.06 0.00	21.33 -0.04 0.00	29.78 0.08 0.00	27.54 0.10 0.00	32.78 0.19 0.00	33.47 0.16 0.00	31.26 0.12 0.00	34.46 0.05 0.00	40.58 -0.12 0.00	46.05 -0.40 0.00	32.10 -0.17 0.00	31.94 -0.14 0.00	29.22 -0.15 0.00	24.18 -0.09 0.00	20.45 -0.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.56 0.80 0.00	25.39 0.86 0.00	24.18 0.89 0.00	25.03 0.92 0.00	21.60 0.76 0.00	31.44 1.10 0.00	32.24 1.10 0.00	31.81 1.11 0.00	22.84 0.92 0.00	21.90 0.91 0.00	22.29 0.92 0.00	30.83 1.13 0.00	28.47 1.02 0.00	33.62 1.02 0.00	34.26 0.95 0.00	31.98 0.83 0.00	35.45 1.05 0.00	42.32 1.62 0.00	48.55 2.10 0.00	33.61 1.34 0.00	33.43 1.35 0.00	30.68 1.30 0.00	25.32 1.04 0.00	21.34 0.84 0.00
SWANROAD_115KV_TB1 355699	22.02 -1.74 0.00	22.20 -2.33 0.00	21.20 -2.10 0.00	21.77 -2.34 0.00	18.93 -1.92 0.00	27.76 -2.58 0.00	28.62 -2.51 0.00	28.14 -2.56 0.00	19.93 -1.99 0.00	19.07 -1.91 0.00	19.45 -1.92 0.00	27.61 -2.09 0.00	25.57 -1.87 0.00	30.03 -2.56 0.00	30.64 -2.67 0.00	28.56 -2.58 0.00	31.67 -2.74 0.00	37.01 -3.69 0.00	41.91 -4.55 0.00	29.21 -3.07 0.00	28.76 -3.32 0.00	26.22 -3.16 0.00	21.98 -2.29 0.00	18.80 -1.70 0.00
SYNERGY___BIOGAS 323694	23.05 -0.71 0.00	23.33 -1.20 0.00	22.23 -1.06 0.00	22.89 -1.22 0.00	19.87 -0.98 0.00	29.11 -1.23 0.00	30.01 -1.13 0.00	29.55 -1.15 0.00	20.89 -1.03 0.00	19.97 -1.01 0.00	20.34 -1.03 0.00	28.90 -0.80 0.00	26.86 -0.58 0.00	31.68 -0.91 0.00	32.34 -0.98 0.00	30.15 -0.99 0.00	33.44 -0.96 0.00	39.37 -1.33 0.00	44.55 -1.91 0.00	30.96 -1.32 0.00	30.48 -1.60 0.00	27.76 -1.61 0.00	23.14 -1.14 0.00	19.69 -0.81 0.00
SYRACUSE___ENERGY_ST1 323597	23.44 -0.32 0.00	24.16 -0.37 0.00	22.93 -0.37 0.00	23.73 -0.38 0.00	20.54 -0.30 0.00	29.92 -0.41 0.00	30.72 -0.42 0.00	30.30 -0.39 0.00	21.61 -0.31 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.39 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.94 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.31 -0.39 0.00	46.03 -0.42 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.40 0.00	23.94 -0.34 0.00	20.22 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	23.44 -0.32 0.00	24.16 -0.37 0.00	22.93 -0.37 0.00	23.73 -0.38 0.00	20.54 -0.30 0.00	29.92 -0.41 0.00	30.72 -0.42 0.00	30.30 -0.39 0.00	21.61 -0.31 0.00	20.64 -0.34 0.00	21.02 -0.35 0.00	29.30 -0.39 0.00	27.11 -0.33 0.00	32.21 -0.38 0.00	32.94 -0.37 0.00	30.80 -0.34 0.00	34.04 -0.37 0.00	40.31 -0.39 0.00	46.03 -0.42 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.40 0.00	23.94 -0.34 0.00	20.22 -0.28 0.00
SYRACUSE___POWER 24017	23.45 -0.31 0.00	24.17 -0.36 0.00	22.93 -0.36 0.00	23.74 -0.37 0.00	20.54 -0.30 0.00	29.91 -0.42 0.00	30.71 -0.42 0.00	30.29 -0.41 0.00	21.61 -0.31 0.00	20.63 -0.35 0.00	21.02 -0.35 0.00	29.31 -0.39 0.00	27.12 -0.32 0.00	32.23 -0.37 0.00	32.94 -0.38 0.00	30.78 -0.36 0.00	34.05 -0.36 0.00	40.31 -0.39 0.00	46.02 -0.43 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.39 0.00	23.94 -0.33 0.00	20.23 -0.28 0.00
TALLMAN___138KV_BK151 55660	24.63 0.87 0.00	25.46 0.93 0.00	24.26 0.97 0.00	25.12 1.01 0.00	21.67 0.83 0.00	31.54 1.21 0.00	32.35 1.21 0.00	31.91 1.20 0.00	22.92 1.01 0.00	21.98 1.00 0.00	22.38 1.00 0.00	30.94 1.24 0.00	28.56 1.12 0.00	33.70 1.11 0.00	34.32 1.01 0.00	32.01 0.87 0.00	35.50 1.10 0.00	42.44 1.74 0.00	48.72 2.27 0.00	33.73 1.46 0.00	33.54 1.47 0.00	30.80 1.42 0.00	25.42 1.14 0.00	21.42 0.92 0.00
TEALLAVE_115KV_TB7 355573	23.32 -0.43 0.00	24.03 -0.50 0.00	22.81 -0.48 0.00	23.62 -0.49 0.00	20.43 -0.41 0.00	29.76 -0.57 0.00	30.56 -0.58 0.00	30.13 -0.57 0.00	21.50 -0.42 0.00	20.54 -0.44 0.00	20.93 -0.45 0.00	29.17 -0.53 0.00	26.99 -0.46 0.00	32.05 -0.54 0.00	32.76 -0.55 0.00	30.61 -0.53 0.00	33.85 -0.56 0.00	40.05 -0.64 0.00	45.71 -0.74 0.00	31.72 -0.55 0.00	31.50 -0.58 0.00	28.81 -0.56 0.00	23.81 -0.46 0.00	20.12 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	22.59 -1.17 0.00	22.82 -1.71 0.00	21.76 -1.53 0.00	22.39 -1.72 0.00	19.44 -1.40 0.00	28.49 -1.85 0.00	29.37 -1.76 0.00	28.92 -1.79 0.00	20.48 -1.44 0.00	19.60 -1.38 0.00	20.00 -1.38 0.00	28.38 -1.32 0.00	26.30 -1.14 0.00	30.94 -1.65 0.00	31.57 -1.74 0.00	29.41 -1.73 0.00	32.61 -1.80 0.00	38.21 -2.49 0.00	43.31 -3.14 0.00	30.15 -2.13 0.00	29.68 -2.40 0.00	27.05 -2.33 0.00	22.60 -1.67 0.00	19.29 -1.22 0.00
TEMPLE___115KV_TB 2 55572	23.33 -0.42 0.00	24.05 -0.49 0.00	22.82 -0.47 0.00	23.62 -0.49 0.00	20.44 -0.41 0.00	29.77 -0.57 0.00	30.56 -0.58 0.00	30.14 -0.56 0.00	21.50 -0.41 0.00	20.55 -0.44 0.00	20.94 -0.44 0.00	29.18 -0.52 0.00	27.00 -0.44 0.00	32.07 -0.53 0.00	32.78 -0.53 0.00	30.61 -0.53 0.00	33.86 -0.55 0.00	40.07 -0.63 0.00	45.74 -0.72 0.00	31.74 -0.53 0.00	31.51 -0.57 0.00	28.83 -0.55 0.00	23.82 -0.46 0.00	20.13 -0.38 0.00
TIANA____69_KV_BK 1 55817	28.19 1.77 -2.66	26.15 1.62 0.00	26.84 2.05 -1.50	29.64 2.24 -3.30	33.52 1.89 -10.78	32.61 2.27 0.00	32.91 1.77 0.00	32.60 1.89 0.00	23.93 2.01 0.00	34.53 2.13 -11.41	25.80 1.89 -2.53	31.77 2.07 0.00	29.08 1.65 0.00	33.65 1.05 0.00	34.06 0.75 0.00	32.25 1.10 0.00	35.56 1.15 0.00	41.54 0.97 0.13	48.33 1.88 0.00	33.90 1.63 0.00	33.90 1.82 0.00	31.18 1.81 0.00	25.89 1.62 0.00	21.93 1.42 0.00
TILDEN___115KV_TB1 80814	23.45 -0.31 0.00	24.17 -0.36 0.00	22.93 -0.36 0.00	23.74 -0.37 0.00	20.54 -0.30 0.00	29.91 -0.42 0.00	30.71 -0.42 0.00	30.29 -0.41 0.00	21.61 -0.31 0.00	20.63 -0.35 0.00	21.02 -0.35 0.00	29.31 -0.39 0.00	27.12 -0.32 0.00	32.23 -0.37 0.00	32.94 -0.38 0.00	30.78 -0.36 0.00	34.05 -0.36 0.00	40.31 -0.39 0.00	46.02 -0.43 0.00	31.93 -0.34 0.00	31.69 -0.39 0.00	28.98 -0.39 0.00	23.94 -0.33 0.00	20.23 -0.28 0.00

TRIGEN___CC 323695	27.79 1.37 -2.66	25.90 1.37 0.00	26.29 1.50 -1.50	28.96 1.55 -3.30	32.92 1.29 -10.78	32.03 1.70 0.00	32.62 1.49 0.00	32.24 1.53 0.00	23.37 1.45 0.00	33.90 1.50 -11.41	25.39 1.48 -2.53	31.46 1.76 0.00	29.02 1.58 0.00	33.80 1.21 0.00	34.31 1.00 0.00	32.14 1.00 0.00	35.56 1.16 0.00	42.16 1.46 0.00	48.63 2.19 0.00	33.82 1.55 0.00	33.75 1.67 0.00	31.05 1.68 0.00	25.75 1.47 0.00	21.80 1.30 0.00
TRINITY___115KV___4 BK 55933	24.57 0.81 0.00	25.44 0.91 0.00	24.16 0.87 0.00	25.00 0.89 0.00	21.60 0.76 0.00	31.44 1.10 0.00	32.29 1.15 0.00	31.87 1.16 0.00	22.76 0.85 0.00	21.80 0.82 0.00	22.15 0.78 0.00	30.53 0.84 0.00	28.20 0.76 0.00	33.55 0.95 0.00	34.37 1.06 0.00	32.20 1.06 0.00	35.62 1.22 0.00	42.19 1.49 0.00	48.28 1.83 0.00	33.53 1.26 0.00	33.36 1.28 0.00	30.56 1.18 0.00	25.22 0.94 0.00	21.28 0.78 0.00
UNION___PROCESSING_DRP 323587	22.89 -0.87 0.00	23.35 -1.19 0.00	22.24 -1.06 0.00	22.93 -1.18 0.00	19.87 -0.98 0.00	29.02 -1.31 0.00	29.88 -1.26 0.00	29.45 -1.26 0.00	20.92 -1.00 0.00	20.01 -0.97 0.00	20.42 -0.95 0.00	28.72 -0.98 0.00	26.63 -0.81 0.00	31.50 -1.10 0.00	32.18 -1.13 0.00	30.01 -1.13 0.00	33.25 -1.16 0.00	39.17 -1.53 0.00	44.54 -1.91 0.00	30.94 -1.34 0.00	30.55 -1.53 0.00	27.88 -1.50 0.00	23.14 -1.13 0.00	19.66 -0.85 0.00
UPPER HUDSON___HYD 24058	25.28 1.52 0.00	26.20 1.67 0.00	24.86 1.56 0.00	25.71 1.60 0.00	22.24 1.40 0.00	32.42 2.09 0.00	33.38 2.24 0.00	32.96 2.26 0.00	23.37 1.46 0.00	22.32 1.34 0.00	22.62 1.24 0.00	31.14 1.44 0.00	28.57 1.13 0.00	33.94 1.35 0.00	34.66 1.34 0.00	32.56 1.42 0.00	36.12 1.71 0.00	42.66 1.96 0.00	48.73 2.28 0.00	33.89 1.62 0.00	33.59 1.51 0.00	30.71 1.34 0.00	25.40 1.12 0.00	21.40 0.90 0.00
UPPER RAQUET___HYD 24056	25.32 1.56 0.00	26.18 1.65 0.00	24.71 1.42 0.00	25.55 1.44 0.00	22.06 1.22 0.00	32.15 1.82 0.00	32.81 1.67 0.00	32.35 1.65 0.00	22.74 0.82 0.00	21.39 0.40 0.00	21.75 0.37 0.00	30.85 1.16 0.00	28.76 1.32 0.00	34.72 2.13 0.00	35.76 2.45 0.00	33.83 2.69 0.00	37.33 2.93 0.00	43.49 2.79 0.00	48.79 2.34 0.00	34.06 1.79 0.00	33.73 1.65 0.00	31.00 1.62 0.00	25.59 1.31 0.00	21.34 0.84 0.00
VALLEY44_115KV_TB2 355964	23.18 -0.58 0.00	23.74 -0.79 0.00	22.66 -0.63 0.00	23.38 -0.73 0.00	20.22 -0.62 0.00	29.55 -0.78 0.00	30.24 -0.89 0.00	29.76 -0.94 0.00	21.34 -0.58 0.00	20.57 -0.41 0.00	21.06 -0.32 0.00	29.59 -0.11 0.00	27.22 -0.22 0.00	31.97 -0.63 0.00	32.58 -0.73 0.00	30.19 -0.95 0.00	33.11 -1.30 0.00	39.39 -1.31 0.00	45.11 -1.34 0.00	31.24 -1.03 0.00	30.75 -1.33 0.00	28.14 -1.23 0.00	23.35 -0.93 0.00	19.91 -0.59 0.00
VALLEY___115KV_TB 1-4 80826	24.19 0.43 0.00	25.02 0.49 0.00	23.73 0.43 0.00	24.53 0.42 0.00	21.18 0.33 0.00	30.82 0.49 0.00	31.67 0.53 0.00	31.21 0.51 0.00	22.13 0.22 0.00	21.15 0.17 0.00	21.49 0.12 0.00	29.79 0.10 0.00	27.46 0.02 0.00	32.81 0.21 0.00	33.67 0.36 0.00	31.63 0.49 0.00	34.82 0.42 0.00	41.39 0.69 0.00	47.17 0.71 0.00	32.76 0.49 0.00	32.60 0.52 0.00	29.82 0.44 0.00	24.73 0.45 0.00	20.88 0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.74 0.98 0.00	25.57 1.04 0.00	24.23 0.94 0.00	25.12 1.02 0.00	21.72 0.88 0.00	31.61 1.27 0.00	32.42 1.28 0.00	32.00 1.29 0.00	22.86 0.94 0.00	21.90 0.92 0.00	22.36 0.98 0.00	31.00 1.30 0.00	28.59 1.15 0.00	33.85 1.26 0.00	34.55 1.24 0.00	32.26 1.12 0.00	35.65 1.24 0.00	42.36 1.66 0.00	48.45 2.00 0.00	33.60 1.33 0.00	33.35 1.27 0.00	30.50 1.13 0.00	25.18 0.91 0.00	21.24 0.74 0.00
VISCHER___FERRY HYD 24020	24.66 0.90 0.00	25.55 1.02 0.00	24.26 0.96 0.00	25.09 0.98 0.00	21.68 0.84 0.00	31.58 1.24 0.00	32.46 1.32 0.00	32.03 1.33 0.00	22.86 0.94 0.00	21.89 0.90 0.00	22.20 0.83 0.00	30.55 0.85 0.00	28.21 0.77 0.00	33.61 1.01 0.00	34.45 1.14 0.00	32.31 1.17 0.00	35.74 1.33 0.00	42.29 1.59 0.00	48.38 1.93 0.00	33.64 1.36 0.00	33.46 1.38 0.00	30.64 1.26 0.00	25.29 1.01 0.00	21.33 0.83 0.00
V_A_10_SYNC_DSASP 323832	22.38 -1.37 0.00	22.72 -1.81 0.00	21.67 -1.62 0.00	22.33 -1.78 0.00	19.37 -1.48 0.00	28.33 -2.01 0.00	29.15 -1.99 0.00	28.71 -2.00 0.00	20.41 -1.51 0.00	19.54 -1.44 0.00	19.93 -1.44 0.00	28.09 -1.60 0.00	26.01 -1.43 0.00	30.67 -1.93 0.00	31.30 -2.01 0.00	29.13 -2.01 0.00	32.25 -2.15 0.00	37.96 -2.73 0.00	43.05 -3.40 0.00	29.94 -2.33 0.00	29.53 -2.55 0.00	26.95 -2.43 0.00	22.46 -1.81 0.00	19.16 -1.35 0.00
V_CMM_10_SYNC_DSASP 323787	23.91 0.15 0.00	24.65 0.12 0.00	23.41 0.11 0.00	24.21 0.11 0.00	20.95 0.10 0.00	30.49 0.15 0.00	31.29 0.15 0.00	30.83 0.13 0.00	21.97 0.06 0.00	21.04 0.05 0.00	21.45 0.08 0.00	29.96 0.26 0.00	27.70 0.27 0.00	32.97 0.38 0.00	33.67 0.36 0.00	31.44 0.30 0.00	34.67 0.26 0.00	40.82 0.13 0.00	46.32 -0.13 0.00	32.29 0.01 0.00	32.12 0.04 0.00	29.39 0.02 0.00	24.32 0.04 0.00	20.56 0.06 0.00
V_CMP_10_SYNC_DSASP 323788	24.27 0.51 0.00	25.13 0.60 0.00	23.86 0.57 0.00	24.68 0.57 0.00	21.38 0.53 0.00	31.02 0.69 0.00	31.86 0.73 0.00	31.35 0.65 0.00	22.26 0.35 0.00	21.33 0.35 0.00	21.76 0.38 0.00	30.39 0.69 0.00	28.26 0.82 0.00	33.80 1.20 0.00	34.49 1.17 0.00	32.32 1.18 0.00	35.29 0.88 0.00	41.32 0.62 0.00	46.13 -0.32 0.00	32.71 0.44 0.00	32.66 0.58 0.00	29.92 0.55 0.00	24.73 0.46 0.00	20.91 0.41 0.00
V_D_10_SYNC_DSASP 323841	24.01 0.25 0.00	24.74 0.22 0.00	23.50 0.20 0.00	24.31 0.20 0.00	21.02 0.18 0.00	30.61 0.27 0.00	31.41 0.27 0.00	30.95 0.24 0.00	22.06 0.14 0.00	21.12 0.14 0.00	21.54 0.16 0.00	30.07 0.37 0.00	27.81 0.38 0.00	33.10 0.51 0.00	33.80 0.48 0.00	31.56 0.42 0.00	34.80 0.40 0.00	40.98 0.29 0.00	46.49 0.04 0.00	32.41 0.14 0.00	32.23 0.16 0.00	29.50 0.12 0.00	24.41 0.13 0.00	20.64 0.14 0.00
V_E_10_SYNC_DSASP 323830	24.85 1.09 0.00	25.49 0.96 0.00	23.91 0.62 0.00	24.67 0.56 0.00	21.31 0.47 0.00	30.95 0.61 0.00	31.75 0.61 0.00	31.34 0.63 0.00	22.27 0.35 0.00	21.10 0.12 0.00	21.38 0.00 0.00	30.08 0.39 0.00	28.26 0.81 0.00	33.65 1.05 0.00	34.62 1.31 0.00	32.42 1.28 0.00	35.62 1.22 0.00	42.19 1.49 0.00	47.94 1.49 0.00	33.22 0.94 0.00	32.87 0.79 0.00	29.87 0.49 0.00	24.66 0.38 0.00	21.08 0.58 0.00
V_F_30_NSYNC___DSASP 323816	25.00 1.24 0.00	25.90 1.36 0.00	24.57 1.27 0.00	25.43 1.32 0.00	21.98 1.14 0.00	32.02 1.69 0.00	32.93 1.79 0.00	32.50 1.80 0.00	23.11 1.19 0.00	22.09 1.11 0.00	22.39 1.02 0.00	30.89 1.20 0.00	28.49 1.05 0.00	33.94 1.35 0.00	34.79 1.48 0.00	32.66 1.52 0.00	36.17 1.77 0.00	42.80 2.10 0.00	48.91 2.46 0.00	33.98 1.71 0.00	33.75 1.67 0.00	30.88 1.50 0.00	25.50 1.22 0.00	21.50 0.99 0.00

V_F_30_SYNC_DSASP 323786	24.65 0.89 0.00	25.53 1.00 0.00	24.23 0.94 0.00	25.08 0.97 0.00	21.67 0.83 0.00	31.54 1.21 0.00	32.40 1.26 0.00	31.97 1.27 0.00	22.83 0.91 0.00	21.87 0.89 0.00	22.22 0.84 0.00	30.64 0.95 0.00	28.30 0.86 0.00	33.68 1.08 0.00	34.51 1.19 0.00	32.33 1.19 0.00	35.78 1.37 0.00	42.38 1.68 0.00	48.48 2.03 0.00	33.66 1.39 0.00	33.49 1.41 0.00	30.66 1.29 0.00	25.30 1.03 0.00	21.35 0.84 0.00
V_XM_10_SYNC_DSASP 323789	24.27 0.51 0.00	25.13 0.60 0.00	23.86 0.57 0.00	24.68 0.57 0.00	21.38 0.53 0.00	31.02 0.69 0.00	31.86 0.73 0.00	31.35 0.65 0.00	22.26 0.35 0.00	21.33 0.35 0.00	21.76 0.38 0.00	30.39 0.69 0.00	28.26 0.82 0.00	33.80 1.20 0.00	34.49 1.17 0.00	32.32 1.18 0.00	35.29 0.88 0.00	41.32 0.62 0.00	46.13 -0.32 0.00	32.71 0.44 0.00	32.66 0.58 0.00	29.92 0.55 0.00	24.73 0.46 0.00	20.91 0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.70 0.94 0.00	25.54 1.01 0.00	24.33 1.04 0.00	25.19 1.08 0.00	21.73 0.89 0.00	31.63 1.30 0.00	32.44 1.30 0.00	32.00 1.30 0.00	22.99 1.08 0.00	22.05 1.07 0.00	22.44 1.07 0.00	31.03 1.33 0.00	28.65 1.21 0.00	33.81 1.22 0.00	34.44 1.13 0.00	32.12 0.98 0.00	35.64 1.23 0.00	42.59 1.89 0.00	48.90 2.45 0.00	33.85 1.58 0.00	33.66 1.58 0.00	30.90 1.53 0.00	25.49 1.21 0.00	21.49 0.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.79 1.03 0.00	25.63 1.10 0.00	24.43 1.14 0.00	25.30 1.19 0.00	21.83 0.99 0.00	31.73 1.39 0.00	32.53 1.39 0.00	32.09 1.39 0.00	23.09 1.17 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.19 1.49 0.00	28.81 1.37 0.00	33.98 1.39 0.00	34.60 1.29 0.00	32.26 1.12 0.00	35.78 1.37 0.00	42.74 2.05 0.00	49.05 2.60 0.00	33.94 1.66 0.00	33.78 1.70 0.00	31.04 1.67 0.00	25.60 1.32 0.00	21.57 1.07 0.00
W50THST__13_KV_LOAD 356117	24.90 1.14 0.00	25.75 1.22 0.00	24.54 1.25 0.00	25.43 1.32 0.00	21.99 1.15 0.00	31.97 1.64 0.00	32.77 1.63 0.00	32.32 1.63 0.00	23.27 1.35 0.00	22.36 1.38 0.00	22.76 1.38 0.00	31.45 1.75 0.00	29.04 1.60 0.00	34.26 1.67 0.00	34.89 1.57 0.00	32.52 1.38 0.00	36.08 1.67 0.00	43.09 2.39 0.00	49.45 3.00 0.00	34.21 1.94 0.00	34.06 1.98 0.00	31.28 1.91 0.00	25.79 1.51 0.00	21.73 1.23 0.00
WADING RIVER_IC_1 23522	28.03 1.61 -2.66	25.94 1.41 0.00	26.71 1.92 -1.50	29.52 2.11 -3.30	33.40 1.77 -10.78	32.38 2.04 0.00	32.60 1.46 0.00	32.30 1.60 0.00	23.78 1.87 0.00	34.41 2.02 -11.41	25.67 1.77 -2.53	31.62 1.93 0.00	29.00 1.56 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.23 1.09 0.00	35.52 1.11 0.00	40.97 0.41 0.13	48.21 1.76 0.00	33.90 1.63 0.00	33.91 1.83 0.00	31.18 1.81 0.00	25.90 1.63 0.00	21.95 1.44 0.00
WADING RIVER_IC_2 23547	28.03 1.61 -2.66	25.94 1.41 0.00	26.71 1.92 -1.50	29.52 2.11 -3.30	33.40 1.77 -10.78	32.38 2.04 0.00	32.60 1.46 0.00	32.30 1.60 0.00	23.78 1.87 0.00	34.41 2.02 -11.41	25.67 1.77 -2.53	31.62 1.93 0.00	29.00 1.56 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.23 1.09 0.00	35.52 1.11 0.00	40.97 0.41 0.13	48.21 1.76 0.00	33.90 1.63 0.00	33.91 1.83 0.00	31.18 1.81 0.00	25.90 1.63 0.00	21.95 1.44 0.00
WADING RIVER_IC_3 23601	28.03 1.61 -2.66	25.94 1.41 0.00	26.71 1.92 -1.50	29.52 2.11 -3.30	33.40 1.77 -10.78	32.38 2.04 0.00	32.60 1.46 0.00	32.30 1.60 0.00	23.78 1.87 0.00	34.41 2.02 -11.41	25.67 1.77 -2.53	31.62 1.93 0.00	29.00 1.56 0.00	33.56 0.97 0.00	33.99 0.68 0.00	32.23 1.09 0.00	35.52 1.11 0.00	40.97 0.41 0.13	48.21 1.76 0.00	33.90 1.63 0.00	33.91 1.83 0.00	31.18 1.81 0.00	25.90 1.63 0.00	21.95 1.44 0.00
WALDENNY_12_KV_BK2 80841	22.66 -1.10 0.00	22.94 -1.59 0.00	21.87 -1.42 0.00	22.49 -1.62 0.00	19.52 -1.33 0.00	28.60 -1.73 0.00	29.47 -1.66 0.00	29.00 -1.70 0.00	20.59 -1.33 0.00	19.73 -1.25 0.00	20.17 -1.21 0.00	28.57 -1.13 0.00	26.46 -0.98 0.00	31.04 -1.56 0.00	31.63 -1.69 0.00	29.43 -1.71 0.00	32.59 -1.81 0.00	38.24 -2.46 0.00	43.38 -3.07 0.00	30.19 -2.08 0.00	29.73 -2.35 0.00	27.13 -2.24 0.00	22.65 -1.63 0.00	19.35 -1.16 0.00
WALDEN__HYDRO 24148	24.66 0.90 0.00	25.49 0.96 0.00	24.28 0.98 0.00	25.13 1.02 0.00	21.69 0.85 0.00	31.56 1.22 0.00	32.37 1.24 0.00	31.95 1.24 0.00	22.93 1.01 0.00	21.99 1.01 0.00	22.38 1.00 0.00	30.93 1.24 0.00	28.57 1.13 0.00	33.75 1.15 0.00	34.42 1.11 0.00	32.13 0.99 0.00	35.63 1.23 0.00	42.53 1.83 0.00	48.78 2.33 0.00	33.78 1.50 0.00	33.58 1.50 0.00	30.81 1.44 0.00	25.42 1.14 0.00	21.42 0.92 0.00
WARRENSBURG____ 23737	25.28 1.52 0.00	26.20 1.67 0.00	24.86 1.56 0.00	25.71 1.60 0.00	22.24 1.40 0.00	32.42 2.09 0.00	33.38 2.24 0.00	32.96 2.26 0.00	23.37 1.46 0.00	22.32 1.34 0.00	22.62 1.24 0.00	31.14 1.44 0.00	28.57 1.13 0.00	33.94 1.35 0.00	34.66 1.34 0.00	32.56 1.42 0.00	36.12 1.71 0.00	42.66 1.96 0.00	48.73 2.28 0.00	33.89 1.62 0.00	33.59 1.51 0.00	30.71 1.34 0.00	25.40 1.12 0.00	21.40 0.90 0.00
WATERSIDE____6 8 9 23538	24.80 1.04 0.00	25.63 1.10 0.00	24.43 1.14 0.00	25.29 1.18 0.00	21.81 0.97 0.00	31.70 1.37 0.00	32.48 1.34 0.00	32.07 1.37 0.00	23.10 1.19 0.00	22.19 1.21 0.00	22.57 1.20 0.00	31.19 1.50 0.00	28.81 1.37 0.00	33.97 1.38 0.00	34.60 1.28 0.00	32.25 1.11 0.00	35.77 1.37 0.00	42.75 2.05 0.00	49.05 2.60 0.00	33.93 1.66 0.00	33.80 1.72 0.00	31.05 1.67 0.00	25.59 1.31 0.00	21.56 1.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.04 0.28 0.00	24.87 0.34 0.00	23.59 0.30 0.00	24.41 0.30 0.00	21.08 0.24 0.00	30.69 0.35 0.00	31.53 0.40 0.00	31.09 0.39 0.00	22.11 0.19 0.00	21.13 0.15 0.00	21.47 0.09 0.00	29.75 0.05 0.00	27.44 0.00 0.00	32.71 0.11 0.00	33.54 0.23 0.00	31.49 0.34 0.00	34.74 0.34 0.00	41.23 0.54 0.00	47.09 0.63 0.00	32.69 0.41 0.00	32.50 0.43 0.00	29.76 0.38 0.00	24.60 0.32 0.00	20.75 0.25 0.00
WATSON____69_KV_BK 1 55734	28.29 1.87 -2.66	26.30 1.77 0.00	26.78 1.99 -1.50	29.48 2.08 -3.30	33.38 1.75 -10.78	32.56 2.23 0.00	33.02 1.89 0.00	32.69 1.98 0.00	23.82 1.90 0.00	34.36 1.96 -11.41	25.79 1.88 -2.53	31.90 2.20 0.00	29.41 1.97 0.00	33.98 1.39 0.00	34.46 1.14 0.00	32.46 1.32 0.00	35.74 1.33 0.00	42.05 1.48 0.12	48.77 2.32 0.00	34.13 1.86 0.00	34.14 2.07 0.00	31.42 2.05 0.00	26.12 1.84 0.00	22.13 1.63 0.00
WDELAWARE__HYD 323627	24.84 1.08 0.00	25.68 1.15 0.00	24.43 1.14 0.00	25.30 1.19 0.00	21.84 1.00 0.00	31.79 1.45 0.00	32.62 1.48 0.00	32.20 1.49 0.00	23.09 1.18 0.00	22.11 1.13 0.00	22.47 1.10 0.00	31.14 1.44 0.00	28.80 1.36 0.00	33.98 1.38 0.00	34.70 1.38 0.00	32.44 1.30 0.00	35.99 1.59 0.00	42.89 2.20 0.00	49.20 2.75 0.00	34.07 1.79 0.00	33.84 1.76 0.00	31.02 1.64 0.00	25.57 1.29 0.00	21.54 1.04 0.00

WEST BABYLON___IC 23714	28.24 1.82 -2.66	26.27 1.74 0.00	26.71 1.92 -1.50	29.40 2.00 -3.30	33.31 1.68 -10.78	32.49 2.15 0.00	32.97 1.84 0.00	32.62 1.92 0.00	23.74 1.83 0.00	34.28 1.88 -11.41	25.74 1.83 -2.53	31.87 2.17 0.00	29.39 1.95 0.00	34.00 1.41 0.00	34.50 1.19 0.00	32.44 1.30 0.00	35.76 1.35 0.00	42.17 1.59 0.11	48.86 2.40 0.00	34.13 1.86 0.00	34.12 2.04 0.00	31.40 2.03 0.00	26.09 1.81 0.00	22.11 1.60 0.00
WEST CANADA___HYD 24049	23.83 0.07 0.00	24.60 0.08 0.00	23.36 0.07 0.00	24.18 0.07 0.00	20.91 0.06 0.00	30.43 0.09 0.00	31.23 0.09 0.00	30.79 0.09 0.00	21.98 0.06 0.00	21.04 0.06 0.00	21.44 0.06 0.00	29.74 0.05 0.00	27.47 0.03 0.00	32.63 0.03 0.00	33.38 0.07 0.00	31.22 0.08 0.00	34.49 0.08 0.00	40.81 0.11 0.00	46.64 0.19 0.00	32.38 0.11 0.00	32.17 0.10 0.00	29.48 0.10 0.00	24.37 0.09 0.00	20.56 0.06 0.00
WESTERN_NY_WIND 24143	23.01 -0.75 0.00	23.29 -1.24 0.00	22.20 -1.09 0.00	22.85 -1.26 0.00	19.83 -1.01 0.00	29.06 -1.28 0.00	29.95 -1.18 0.00	29.51 -1.19 0.00	20.85 -1.07 0.00	19.94 -1.05 0.00	20.31 -1.07 0.00	28.86 -0.84 0.00	26.82 -0.62 0.00	31.63 -0.97 0.00	32.27 -1.04 0.00	30.09 -1.05 0.00	33.38 -1.03 0.00	39.21 -1.49 0.00	44.46 -1.99 0.00	30.90 -1.37 0.00	30.41 -1.66 0.00	27.71 -1.66 0.00	23.09 -1.19 0.00	19.66 -0.84 0.00
WESTOVER___LESR 323668	23.49 -0.27 0.00	24.29 -0.24 0.00	23.01 -0.28 0.00	23.82 -0.29 0.00	20.60 -0.25 0.00	30.05 -0.28 0.00	30.78 -0.35 0.00	30.35 -0.35 0.00	21.71 -0.21 0.00	20.81 -0.18 0.00	21.20 -0.18 0.00	29.64 -0.06 0.00	27.33 -0.11 0.00	32.27 -0.32 0.00	32.91 -0.40 0.00	30.77 -0.37 0.00	34.01 -0.40 0.00	40.37 -0.33 0.00	46.27 -0.18 0.00	32.08 -0.19 0.00	31.79 -0.29 0.00	29.09 -0.28 0.00	24.00 -0.27 0.00	20.31 -0.20 0.00
WETHRSFD_WT_PWR 323626	22.24 -1.53 0.00	22.62 -1.91 0.00	21.45 -1.84 0.00	22.08 -2.03 0.00	19.15 -1.69 0.00	28.04 -2.30 0.00	28.91 -2.23 0.00	28.44 -2.27 0.00	20.17 -1.75 0.00	19.37 -1.61 0.00	19.90 -1.47 0.00	28.26 -1.43 0.00	26.20 -1.24 0.00	30.53 -2.07 0.00	30.87 -2.44 0.00	28.76 -2.38 0.00	31.75 -2.65 0.00	37.42 -3.28 0.00	42.49 -3.96 0.00	29.55 -2.72 0.00	29.09 -2.99 0.00	26.68 -2.70 0.00	22.22 -2.06 0.00	18.91 -1.59 0.00
WHAVSTOR_138KV_BK127 55557	24.62 0.86 0.00	25.46 0.92 0.00	24.25 0.96 0.00	25.11 1.00 0.00	21.66 0.82 0.00	31.52 1.19 0.00	32.33 1.19 0.00	31.89 1.19 0.00	22.91 0.99 0.00	21.97 0.99 0.00	22.37 0.99 0.00	30.91 1.22 0.00	28.54 1.10 0.00	33.68 1.09 0.00	34.31 0.99 0.00	32.00 0.85 0.00	35.48 1.08 0.00	42.40 1.70 0.00	48.68 2.23 0.00	33.70 1.43 0.00	33.52 1.44 0.00	30.78 1.41 0.00	25.40 1.12 0.00	21.41 0.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.62 0.86 0.00	25.46 0.92 0.00	24.25 0.96 0.00	25.11 1.00 0.00	21.66 0.82 0.00	31.52 1.19 0.00	32.33 1.19 0.00	31.89 1.19 0.00	22.91 0.99 0.00	21.97 0.99 0.00	22.37 0.99 0.00	30.91 1.22 0.00	28.54 1.10 0.00	33.68 1.09 0.00	34.31 0.99 0.00	32.00 0.85 0.00	35.48 1.08 0.00	42.40 1.70 0.00	48.68 2.23 0.00	33.70 1.43 0.00	33.52 1.44 0.00	30.78 1.41 0.00	25.40 1.12 0.00	21.41 0.90 0.00
WHITEHAL_115KV_TB1 80871	25.54 1.78 0.00	26.62 2.09 0.00	25.24 1.95 0.00	26.01 1.90 0.00	22.55 1.70 0.00	32.95 2.61 0.00	33.98 2.84 0.00	33.55 2.85 0.00	23.62 1.70 0.00	22.47 1.49 0.00	22.77 1.40 0.00	31.27 1.58 0.00	29.06 1.62 0.00	34.85 2.26 0.00	35.62 2.31 0.00	33.77 2.63 0.00	37.53 3.12 0.00	43.99 3.29 0.00	50.23 3.78 0.00	35.17 2.90 0.00	34.54 2.46 0.00	31.45 2.08 0.00	25.98 1.70 0.00	21.92 1.41 0.00
WHITEPLN_13_KV_LOAD 356215	24.93 1.18 0.00	25.77 1.24 0.00	24.55 1.26 0.00	25.41 1.30 0.00	21.92 1.08 0.00	31.88 1.54 0.00	32.68 1.55 0.00	32.25 1.55 0.00	23.19 1.28 0.00	22.27 1.29 0.00	22.66 1.28 0.00	31.31 1.61 0.00	28.91 1.47 0.00	34.11 1.51 0.00	34.75 1.44 0.00	32.43 1.29 0.00	36.00 1.59 0.00	42.97 2.27 0.00	49.33 2.88 0.00	34.15 1.88 0.00	33.96 1.88 0.00	31.16 1.79 0.00	25.71 1.43 0.00	21.67 1.16 0.00
WM_FLOYD_69_KV_BK2 356380	28.10 1.69 -2.66	26.07 1.54 0.00	26.69 1.90 -1.50	29.45 2.05 -3.30	33.35 1.72 -10.78	32.42 2.08 0.00	32.75 1.61 0.00	32.43 1.73 0.00	23.75 1.83 0.00	34.35 1.95 -11.41	25.66 1.76 -2.53	31.63 1.93 0.00	29.05 1.61 0.00	33.62 1.02 0.00	34.05 0.74 0.00	32.21 1.07 0.00	35.52 1.11 0.00	41.59 1.02 0.13	48.35 1.90 0.00	33.89 1.61 0.00	33.89 1.81 0.00	31.18 1.80 0.00	25.91 1.64 0.00	21.96 1.45 0.00
WOODARD___115KV_TB2 355635	23.30 -0.46 0.00	24.01 -0.52 0.00	22.79 -0.50 0.00	23.59 -0.52 0.00	20.41 -0.43 0.00	29.73 -0.60 0.00	30.52 -0.62 0.00	30.10 -0.60 0.00	21.48 -0.44 0.00	20.52 -0.46 0.00	20.91 -0.47 0.00	29.12 -0.57 0.00	26.95 -0.50 0.00	32.01 -0.58 0.00	32.72 -0.59 0.00	30.58 -0.56 0.00	33.82 -0.58 0.00	40.02 -0.68 0.00	45.67 -0.77 0.00	31.70 -0.58 0.00	31.47 -0.61 0.00	28.78 -0.59 0.00	23.79 -0.48 0.00	20.10 -0.41 0.00
YORK___WARBASSE 23770	24.79 1.03 0.00	25.62 1.09 0.00	24.41 1.12 0.00	25.27 1.16 0.00	21.81 0.97 0.00	31.71 1.37 0.00	32.51 1.37 0.00	32.09 1.39 0.00	23.11 1.20 0.00	22.18 1.20 0.00	22.58 1.20 0.00	31.22 1.52 0.00	28.82 1.38 0.00	34.00 1.41 0.00	34.60 1.29 0.00	32.23 1.09 0.00	35.76 1.35 0.00	42.74 2.04 0.00	49.05 2.60 0.00	33.95 1.68 0.00	33.84 1.76 0.00	31.07 1.70 0.00	25.63 1.35 0.00	21.59 1.08 0.00