

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/11/2024

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	20.14	18.89	20.35	20.32	19.34	19.34	21.00	22.40	31.39	35.54	36.01	35.37	37.90	36.62	36.31	24.55	26.21	33.76	33.00	23.77	23.57	23.36	22.81	23.24
24138	1.22	1.15	1.13	1.06	1.01	0.99	1.01	1.00	1.33	1.68	1.70	1.62	1.78	1.79	1.86	1.55	1.82	2.26	2.23	1.67	1.64	1.60	1.40	1.22
	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	20.13	18.90	20.37	20.35	19.35	19.34	20.98	22.38	31.37	35.50	35.98	35.35	37.89	36.60	36.31	24.55	26.20	33.76	32.98	23.72	23.53	23.34	22.78	23.21
24260	1.21	1.14	1.14	1.09	1.02	0.99	0.99	0.98	1.31	1.64	1.67	1.60	1.77	1.78	1.86	1.55	1.81	2.26	2.20	1.63	1.60	1.58	1.36	1.20
	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	20.13	18.90	20.37	20.35	19.35	19.34	20.98	22.38	31.37	35.50	35.98	35.35	37.89	36.60	36.31	24.55	26.20	33.76	32.98	23.72	23.53	23.34	22.78	23.21
24261	1.21	1.14	1.14	1.09	1.02	0.99	0.99	0.98	1.31	1.64	1.67	1.60	1.77	1.78	1.86	1.55	1.81	2.26	2.20	1.63	1.60	1.58	1.36	1.20
	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	19.71	18.51	20.03	20.02	19.09	19.08	20.78	22.24	31.12	35.12	35.43	34.95	37.48	36.32	36.15	24.39	26.09	33.70	32.96	23.55	23.31	23.17	22.51	22.97
24011	0.79	0.76	0.80	0.76	0.76	0.74	0.79	0.85	1.06	1.26	1.12	1.20	1.36	1.50	1.69	1.40	1.70	2.19	2.19	1.46	1.39	1.40	1.09	0.95
	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	19.74	18.55	20.07	20.06	19.13	19.13	20.85	22.33	31.21	35.22	35.53	35.09	37.62	36.51	36.42	24.60	26.33	33.98	33.27	23.74	23.47	23.33	22.61	23.05
23798	0.82	0.80	0.85	0.80	0.80	0.78	0.87	0.93	1.15	1.36	1.22	1.33	1.50	1.68	1.96	1.60	1.93	2.48	2.49	1.65	1.54	1.57	1.20	1.03
	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	19.71	18.51	20.03	20.02	19.09	19.08	20.78	22.24	31.12	35.12	35.43	34.95												

ALBANY___2 23572	19.29 0.37 0.00	18.13 0.38 0.00	19.61 0.38 0.00	19.61 0.35 0.00	18.67 0.34 0.00	18.67 0.32 0.00	20.26 0.27 0.00	21.68 0.28 0.00	30.30 0.23 0.00	34.18 0.32 0.00	34.53 0.22 0.00	33.98 0.23 0.00	36.37 0.25 0.00	35.07 0.24 0.00	34.60 0.15 0.00	23.28 0.29 0.00	24.85 0.46 0.00	32.12 0.62 0.00	31.36 0.59 0.00	22.49 0.40 0.00	22.35 0.43 0.00	22.16 0.39 0.00	21.64 0.23 0.00	22.13 0.11 0.00
ALBANY___3 23573	19.29 0.37 0.00	18.13 0.38 0.00	19.61 0.38 0.00	19.61 0.35 0.00	18.67 0.34 0.00	18.67 0.32 0.00	20.26 0.27 0.00	21.68 0.28 0.00	30.30 0.23 0.00	34.18 0.32 0.00	34.53 0.22 0.00	33.98 0.23 0.00	36.37 0.25 0.00	35.07 0.24 0.00	34.60 0.15 0.00	23.28 0.29 0.00	24.85 0.46 0.00	32.12 0.62 0.00	31.36 0.59 0.00	22.49 0.40 0.00	22.35 0.43 0.00	22.16 0.39 0.00	21.64 0.23 0.00	22.13 0.11 0.00
ALBANY___4 23574	19.29 0.37 0.00	18.13 0.38 0.00	19.61 0.38 0.00	19.61 0.35 0.00	18.67 0.34 0.00	18.67 0.32 0.00	20.26 0.27 0.00	21.68 0.28 0.00	30.30 0.23 0.00	34.18 0.32 0.00	34.53 0.22 0.00	33.98 0.23 0.00	36.37 0.25 0.00	35.07 0.24 0.00	34.60 0.15 0.00	23.28 0.29 0.00	24.85 0.46 0.00	32.12 0.62 0.00	31.36 0.59 0.00	22.49 0.40 0.00	22.35 0.43 0.00	22.16 0.39 0.00	21.64 0.23 0.00	22.13 0.11 0.00
ALBANY___LFGE 323615	19.44 0.52 0.00	18.26 0.51 0.00	19.75 0.52 0.00	19.75 0.48 0.00	18.81 0.48 0.00	18.80 0.46 0.00	20.42 0.42 0.00	21.84 0.44 0.00	30.53 0.47 0.00	34.45 0.58 0.00	34.80 0.50 0.00	34.27 0.51 0.00	36.70 0.58 0.00	35.40 0.58 0.00	34.97 0.51 0.00	23.54 0.54 0.00	25.13 0.73 0.00	32.48 0.97 0.00	31.70 0.92 0.00	22.72 0.63 0.00	22.58 0.66 0.00	22.39 0.62 0.00	21.87 0.46 0.00	22.35 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	18.79 -0.13 0.00	17.62 -0.12 0.00	19.13 -0.09 0.00	19.20 -0.06 0.00	18.24 -0.09 0.00	18.26 -0.08 0.00	20.01 0.02 0.00	21.64 0.24 0.00	30.56 0.50 0.00	34.34 0.48 0.00	34.56 0.25 0.00	33.91 0.15 0.00	36.22 0.11 0.00	34.85 0.02 0.00	34.49 0.03 0.00	22.91 -0.09 0.00	24.08 -0.32 0.00	31.10 -0.41 0.00	30.43 -0.35 0.00	21.85 -0.24 0.00	21.69 -0.24 0.00	21.51 -0.25 0.00	21.34 -0.07 0.00	22.10 0.08 0.00
ALCOA_RYNLDS___DRP 24188	18.79 -0.13 0.00	17.62 -0.12 0.00	19.13 -0.09 0.00	19.20 -0.06 0.00	18.24 -0.09 0.00	18.26 -0.08 0.00	20.01 0.02 0.00	21.64 0.24 0.00	30.56 0.50 0.00	34.34 0.48 0.00	34.56 0.25 0.00	33.91 0.15 0.00	36.22 0.11 0.00	34.85 0.02 0.00	34.49 0.03 0.00	22.91 -0.09 0.00	24.08 -0.32 0.00	31.10 -0.41 0.00	30.43 -0.35 0.00	21.85 -0.24 0.00	21.69 -0.24 0.00	21.51 -0.25 0.00	21.34 -0.07 0.00	22.10 0.08 0.00
ALCOA___DSASP 323711	18.79 -0.13 0.00	17.62 -0.12 0.00	19.13 -0.09 0.00	19.20 -0.06 0.00	18.24 -0.09 0.00	18.26 -0.08 0.00	20.01 0.02 0.00	21.64 0.25 0.00	30.56 0.49 0.00	34.34 0.48 0.00	34.56 0.25 0.00	33.91 0.15 0.00	36.22 0.11 0.00	34.85 0.02 0.00	34.49 0.03 0.00	22.91 -0.09 0.00	24.08 -0.31 0.00	31.10 -0.41 0.00	30.43 -0.35 0.00	21.85 -0.24 0.00	21.69 -0.24 0.00	21.52 -0.25 0.00	21.34 -0.07 0.00	22.10 0.08 0.00
ALLEGHENY___COGEN 23514	19.13 0.21 0.00	18.00 0.25 0.00	19.42 0.20 0.00	19.49 0.22 0.00	18.60 0.27 0.00	18.54 0.19 0.00	20.28 0.28 0.00	21.56 0.17 0.00	30.39 0.32 0.00	34.37 0.51 0.00	35.28 0.98 0.00	34.75 1.00 0.00	36.95 0.83 0.00	35.35 0.53 0.00	36.48 0.53 -1.49	23.74 0.57 -0.17	25.59 0.94 -0.25	33.65 1.50 -0.65	32.45 1.60 -0.07	23.22 1.13 0.00	22.92 1.00 0.00	22.86 1.09 0.00	22.40 0.99 0.00	23.11 1.09 0.00
ALTAMONT_115KV_TB 2 55880	19.42 0.51 0.00	18.24 0.49 0.00	19.74 0.52 0.00	19.75 0.48 0.00	18.80 0.47 0.00	18.79 0.44 0.00	20.41 0.42 0.00	21.82 0.43 0.00	30.54 0.48 0.00	34.47 0.60 0.00	34.85 0.55 0.00	34.30 0.55 0.00	36.75 0.62 0.00	35.48 0.66 0.00	35.11 0.66 0.00	23.60 0.60 0.00	25.17 0.77 0.00	32.52 1.02 0.00	31.76 0.98 0.00	22.78 0.69 0.00	22.63 0.70 0.00	22.44 0.68 0.00	21.94 0.53 0.00	22.46 0.43 0.00
ALTONA_WT_PWR 323606	18.68 -0.24 0.00	17.48 -0.26 0.00	19.01 -0.22 0.00	19.14 -0.12 0.00	18.20 -0.13 0.00	18.07 -0.28 0.00	19.90 -0.09 0.00	21.46 0.06 0.00	30.30 0.23 0.00	33.94 0.08 0.00	34.28 -0.03 0.00	33.71 -0.04 0.00	36.16 0.04 0.00	34.89 0.06 0.00	34.58 0.13 0.00	23.00 0.00 0.00	24.25 -0.15 0.00	31.50 0.00 0.00	30.88 0.10 0.00	22.10 0.01 0.00	21.93 0.00 0.00	21.82 0.06 0.00	21.57 0.16 0.00	22.32 0.31 0.00
AMERICAN_REF_FUEL 24010	17.38 -1.54 0.00	16.33 -1.42 0.00	17.61 -1.62 0.00	17.77 -1.49 0.00	16.97 -1.37 0.00	16.80 -1.55 0.00	18.32 -1.67 0.00	19.11 -2.29 0.00	26.89 -3.18 0.00	30.54 -3.32 0.00	31.73 -2.58 0.00	31.47 -2.28 0.00	33.83 -2.29 0.00	32.32 -2.50 0.00	22.99 -2.62 8.85	20.34 -1.65 1.01	21.32 -1.56 1.51	25.32 -2.30 3.88	28.11 -2.22 0.45	20.53 -1.56 0.00	20.31 -1.61 0.00	20.31 -1.46 0.00	20.11 -1.30 0.00	21.17 -0.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.31 -0.61 0.00	17.09 -0.66 0.00	18.46 -0.76 0.00	18.60 -0.66 0.00	17.74 -0.60 0.00	17.68 -0.67 0.00	19.29 -0.70 0.00	20.27 -1.13 0.00	28.50 -1.56 0.00	32.33 -1.53 0.00	33.54 -0.77 0.00	33.26 -0.49 0.00	35.77 -0.35 0.00	34.22 -0.61 0.00	21.41 -0.80 12.25	21.17 -0.43 1.40	22.07 -0.23 2.10	25.58 -0.54 5.37	29.62 -0.54 0.62	21.76 -0.33 0.00	21.51 -0.41 0.00	21.56 -0.20 0.00	21.26 -0.15 0.00	22.20 0.18 0.00
ARTHUR KILL_GT_1 23520	20.06 1.14 0.00	18.83 1.08 0.00	20.34 1.12 0.00	20.29 1.03 0.00	19.25 0.92 0.00	19.25 0.90 0.00	20.91 0.92 0.00	22.31 0.92 0.00	31.30 1.24 0.00	35.38 1.51 0.00	35.79 1.48 0.00	35.15 1.40 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.66 0.00	24.38 1.38 0.00	26.03 1.64 0.00	33.55 2.05 0.00	32.84 2.06 0.00	23.65 1.57 0.00	23.47 1.55 0.00	23.28 1.51 0.00	22.71 1.30 0.00	23.14 1.12 0.00
ARTHUR_KILL_2 23512	20.01 1.09 0.00	18.78 1.03 0.00	20.29 1.07 0.00	20.23 0.98 0.00	19.20 0.87 0.00	19.20 0.85 0.00	20.85 0.86 0.00	22.25 0.85 0.00	31.21 1.15 0.00	35.28 1.41 0.00	35.68 1.38 0.00	35.04 1.29 0.00	37.55 1.43 0.00	36.28 1.46 0.00	36.01 1.55 0.00	24.31 1.31 0.00	25.95 1.56 0.00	33.44 1.94 0.00	32.72 1.95 0.00	23.58 1.49 0.00	23.39 1.47 0.00	23.20 1.44 0.00	22.64 1.23 0.00	23.08 1.06 0.00
ARTHUR_KILL_3 23513	19.97 1.05 0.00	18.74 1.00 0.00	20.19 0.97 0.00	20.15 0.89 0.00	19.18 0.84 0.00	19.17 0.82 0.00	20.81 0.82 0.00	22.20 0.80 0.00	31.11 1.05 0.00	35.20 1.33 0.00	35.62 1.32 0.00	34.99 1.24 0.00	37.50 1.38 0.00	36.24 1.42 0.00	35.93 1.47 0.00	24.30 1.30 0.00	25.92 1.52 0.00	33.38 1.88 0.00	32.61 1.83 0.00	23.49 1.40 0.00	23.29 1.37 0.00	23.10 1.33 0.00	22.55 1.14 0.00	22.98 0.97 0.00

ARTHUR_KILL_COGEN 323718	20.06 1.14 0.00	18.83 1.08 0.00	20.34 1.12 0.00	20.29 1.03 0.00	19.25 0.92 0.00	19.25 0.90 0.00	20.91 0.92 0.00	22.31 0.92 0.00	31.30 1.24 0.00	35.38 1.51 0.00	35.79 1.48 0.00	35.15 1.40 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.66 0.00	24.38 1.38 0.00	26.03 1.64 0.00	33.55 2.05 0.00	32.84 2.06 0.00	23.65 1.57 0.00	23.47 1.55 0.00	23.28 1.51 0.00	22.71 1.30 0.00	23.14 1.12 0.00
ASHOKAN____ 23654	19.79 0.87 0.00	18.56 0.81 0.00	20.08 0.86 0.00	20.08 0.82 0.00	19.13 0.80 0.00	19.13 0.78 0.00	20.81 0.82 0.00	22.29 0.90 0.00	31.23 1.17 0.00	35.27 1.40 0.00	35.65 1.34 0.00	35.04 1.29 0.00	37.61 1.49 0.00	36.27 1.44 0.00	35.86 1.40 0.00	24.10 1.10 0.00	25.86 1.46 0.00	33.62 2.12 0.00	32.81 2.03 0.00	23.48 1.39 0.00	23.27 1.35 0.00	23.06 1.30 0.00	22.47 1.06 0.00	22.97 0.95 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.08 1.16 0.00	18.84 1.10 0.00	20.37 1.15 0.00	20.31 1.05 0.00	19.28 0.94 0.00	19.28 0.93 0.00	20.91 0.92 0.00	22.25 0.86 0.00	31.26 1.20 0.00	35.37 1.51 0.00	35.82 1.52 0.00	35.17 1.42 0.00	37.69 1.57 0.00	36.42 1.60 0.00	36.18 1.72 0.00	24.46 1.46 0.00	26.11 1.72 0.00	33.60 2.10 0.00	32.86 2.09 0.00	23.68 1.59 0.00	23.45 1.53 0.00	23.25 1.48 0.00	22.70 1.29 0.00	23.17 1.15 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.08 1.16 0.00	18.84 1.10 0.00	20.37 1.15 0.00	20.31 1.05 0.00	19.28 0.94 0.00	19.27 0.93 0.00	20.91 0.92 0.00	22.25 0.86 0.00	31.26 1.20 0.00	35.37 1.51 0.00	35.82 1.52 0.00	35.17 1.42 0.00	37.69 1.57 0.00	36.42 1.60 0.00	36.18 1.72 0.00	24.46 1.46 0.00	26.11 1.72 0.00	33.60 2.10 0.00	32.86 2.09 0.00	23.68 1.59 0.00	23.45 1.53 0.00	23.25 1.48 0.00	22.70 1.29 0.00	23.17 1.15 0.00
ASTORIA_GT2_1 24094	20.08 1.16 0.00	18.85 1.10 0.00	20.38 1.15 0.00	20.32 1.06 0.00	19.29 0.95 0.00	19.28 0.93 0.00	20.93 0.94 0.00	22.28 0.88 0.00	31.29 1.23 0.00	35.40 1.53 0.00	35.85 1.54 0.00	35.19 1.44 0.00	37.71 1.59 0.00	36.45 1.63 0.00	36.20 1.75 0.00	24.46 1.46 0.00	26.12 1.73 0.00	33.61 2.11 0.00	32.88 2.11 0.00	23.69 1.60 0.00	23.46 1.54 0.00	23.26 1.49 0.00	22.72 1.30 0.00	23.18 1.16 0.00
ASTORIA_GT2_2 24095	20.08 1.16 0.00	18.85 1.10 0.00	20.38 1.15 0.00	20.32 1.06 0.00	19.29 0.95 0.00	19.28 0.93 0.00	20.93 0.94 0.00	22.28 0.88 0.00	31.29 1.23 0.00	35.40 1.53 0.00	35.85 1.54 0.00	35.19 1.44 0.00	37.71 1.59 0.00	36.45 1.63 0.00	36.20 1.75 0.00	24.46 1.46 0.00	26.12 1.73 0.00	33.61 2.11 0.00	32.88 2.11 0.00	23.69 1.60 0.00	23.46 1.54 0.00	23.26 1.49 0.00	22.72 1.30 0.00	23.18 1.16 0.00
ASTORIA_GT2_3 24096	20.08 1.16 0.00	18.85 1.10 0.00	20.38 1.15 0.00	20.32 1.06 0.00	19.29 0.95 0.00	19.28 0.93 0.00	20.93 0.94 0.00	22.28 0.88 0.00	31.29 1.23 0.00	35.40 1.53 0.00	35.85 1.54 0.00	35.19 1.44 0.00	37.71 1.59 0.00	36.45 1.63 0.00	36.20 1.75 0.00	24.46 1.46 0.00	26.12 1.73 0.00	33.61 2.11 0.00	32.88 2.11 0.00	23.69 1.60 0.00	23.46 1.54 0.00	23.26 1.49 0.00	22.72 1.30 0.00	23.18 1.16 0.00
ASTORIA_GT2_4 24097	20.08 1.16 0.00	18.85 1.10 0.00	20.38 1.15 0.00	20.32 1.06 0.00	19.29 0.95 0.00	19.28 0.93 0.00	20.93 0.94 0.00	22.28 0.88 0.00	31.29 1.23 0.00	35.40 1.53 0.00</														

ASTORIA_GT4_4 24105	20.08 1.16 0.00	18.85 1.10 0.00	20.38 1.15 0.00	20.32 1.06 0.00	19.29 0.95 0.00	19.28 0.93 0.00	20.93 0.94 0.00	22.28 0.88 0.00	31.29 1.23 0.00	35.40 1.53 0.00	35.85 1.54 0.00	35.19 1.44 0.00	37.71 1.59 0.00	36.45 1.63 0.00	36.20 1.75 0.00	24.46 1.46 0.00	26.12 1.73 0.00	33.61 2.11 0.00	32.88 2.11 0.00	23.69 1.60 0.00	23.46 1.54 0.00	23.26 1.49 0.00	22.72 1.30 0.00	23.18 1.16 0.00
ASTORIA_GT_1 23523	20.12 1.20 0.00	18.88 1.13 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.98 0.00	19.31 0.96 0.00	20.95 0.96 0.00	22.30 0.90 0.00	31.33 1.27 0.00	35.46 1.59 0.00	35.91 1.60 0.00	35.25 1.50 0.00	37.78 1.66 0.00	36.52 1.70 0.00	36.27 1.81 0.00	24.51 1.51 0.00	26.17 1.77 0.00	33.67 2.17 0.00	32.95 2.17 0.00	23.73 1.64 0.00	23.50 1.58 0.00	23.30 1.53 0.00	22.76 1.35 0.00	23.22 1.20 0.00
ASTORIA_GT_10 24110	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.24 0.89 0.00	20.88 0.89 0.00	22.26 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.07 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.39 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
ASTORIA_GT_11 24225	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.24 0.89 0.00	20.88 0.89 0.00	22.26 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.07 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.39 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
ASTORIA_GT_12 24226	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.24 0.89 0.00	20.88 0.89 0.00	22.26 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.07 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.39 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
ASTORIA_GT_13 24227	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.24 0.89 0.00	20.88 0.89 0.00	22.26 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.07 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.39 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
ASTORIA_GT_5 24106	20.12 1.20 0.00	18.88 1.13 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.98 0.00	19.30 0.95 0.00	20.95 0.96 0.00	22.31 0.91 0.00	31.34 1.27 0.00	35.46 1.59 0.00	35.90 1.60 0.00	35.25 1.50 0.00	37.77 1.66 0.00	36.52 1.70 0.00	36.26 1.81 0.00	24.50 1.51 0.00	26.17 1.77 0.00	33.67 2.17 0.00	32.95 2.17 0.00	23.73 1.64 0.00	23.50 1.58 0.00	23.30 1.53 0.00	22.76 1.34 0.00	23.22 1.20 0.00
ASTORIA_GT_7 24107	20.12 1.20 0.00	18.88 1.13 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.98 0.00	19.30 0.95 0.00	20.95 0.96 0.00	22.31 0.91 0.00	31.34 1.27 0.00	35.46 1.59 0.00	35.90 1.60 0.00	35.25 1.50 0.00	37.77 1.66 0.00	36.52 1.70 0.00	36.26 1.81 0.00	24.50 1.51 0.00	26.17 1.77 0.00	33.67 2.17 0.00	32.95 2.17 0.00	23.73 1.64 0.00	23.50 1.58 0.00	23.30 1.53 0.00	22.76 1.34 0.00	23.22 1.20 0.00
ASTORIA_GT_8 24108	20.12 1.20 0.00	18.88 1.13 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.98 0.00	19.30 0.95 0.00	20.95 0.96 0.00	22.31 0.91 0.00	31.34 1.27 0.00	35.46 1.59 0.00	35.90 1.60 0.00	35.25 1.50 0.00	37.77 1.66 0.00	36.52 1.70 0.00	36.26 1.81 0.00	24.50 1.51 0.00	26.17 1.77 0.00	33.67 2.17 0.00	32.95 2.17 0.00	23.73 1.64 0.00	23.50 1.58 0.00	23.30 1.53 0.00	22.76 1.34 0.00	23.22 1.20 0.00
ASTORIA___2 24149	20.08 1.16 0.00	18.85 1.10 0.00	20.38 1.15 0.00	20.32 1.06 0.00	19.29 0.95 0.00	19.28 0.93 0.00	20.92 0.93 0.00	22.26 0.87 0.00	31.29 1.23 0.00	35.40 1.53 0.00	35.85 1.54 0.00	35.19 1.44 0.00	37.72 1.60 0.00	36.45 1.63 0.00	36.20 1.75 0.00	24.46 1.47 0.00	26.12 1.72 0.00	33.61 2.11 0.00	32.88 2.11 0.00	23.69 1.60 0.00	23.46 1.54 0.00	23.26 1.49 0.00	22.72 1.30 0.00	23.18 1.16 0.00
ASTORIA___3 23516	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.25 0.90 0.00	20.88 0.89 0.00	22.25 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.13 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.06 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.40 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
ASTORIA___4 23517	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.24 0.89 0.00	20.88 0.89 0.00	22.26 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.07 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.39 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
ASTORIA___5 23518	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.25 0.90 0.00	20.88 0.89 0.00	22.25 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.13 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.06 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.40 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
AST_ENERGY_2_CC3 323677	20.00 1.08 0.00	18.78 1.03 0.00	20.22 0.99 0.00	20.19 0.92 0.00	19.21 0.88 0.00	19.21 0.86 0.00	20.84 0.85 0.00	22.22 0.82 0.00	31.13 1.07 0.00	35.23 1.36 0.00	35.67 1.36 0.00	35.05 1.29 0.00	37.54 1.42 0.00	36.28 1.46 0.00	35.99 1.53 0.00	24.34 1.34 0.00	25.98 1.58 0.00	33.45 1.95 0.00	32.68 1.90 0.00	23.54 1.45 0.00	23.34 1.41 0.00	23.15 1.38 0.00	22.59 1.18 0.00	23.04 1.02 0.00
AST_ENERGY_2_CC4 323678	20.00 1.08 0.00	18.78 1.03 0.00	20.22 0.99 0.00	20.19 0.92 0.00	19.21 0.88 0.00	19.21 0.86 0.00	20.84 0.85 0.00	22.22 0.82 0.00	31.13 1.07 0.00	35.23 1.36 0.00	35.67 1.36 0.00	35.05 1.29 0.00	37.54 1.42 0.00	36.28 1.46 0.00	35.99 1.53 0.00	24.34 1.34 0.00	25.98 1.58 0.00	33.45 1.95 0.00	32.68 1.90 0.00	23.54 1.45 0.00	23.34 1.41 0.00	23.15 1.38 0.00	22.59 1.18 0.00	23.04 1.02 0.00

ATHENS_STG_1 23668	19.56 0.64 0.00	18.36 0.62 0.00	19.88 0.65 0.00	19.87 0.61 0.00	18.92 0.59 0.00	18.90 0.55 0.00	20.52 0.53 0.00	21.92 0.53 0.00	30.69 0.63 0.00	34.64 0.78 0.00	35.07 0.76 0.00	34.50 0.75 0.00	36.97 0.85 0.00	35.72 0.90 0.00	35.38 0.93 0.00	23.80 0.80 0.00	25.40 1.00 0.00	32.81 1.31 0.00	32.04 1.26 0.00	22.99 0.90 0.00	22.83 0.90 0.00	22.65 0.89 0.00	22.14 0.73 0.00	22.64 0.62 0.00
ATHENS_STG_2 23670	19.56 0.64 0.00	18.36 0.62 0.00	19.88 0.65 0.00	19.87 0.61 0.00	18.92 0.59 0.00	18.90 0.55 0.00	20.52 0.53 0.00	21.92 0.53 0.00	30.69 0.63 0.00	34.64 0.78 0.00	35.07 0.76 0.00	34.50 0.75 0.00	36.97 0.85 0.00	35.72 0.90 0.00	35.38 0.93 0.00	23.80 0.80 0.00	25.40 1.00 0.00	32.81 1.31 0.00	32.04 1.26 0.00	22.99 0.90 0.00	22.83 0.90 0.00	22.65 0.89 0.00	22.14 0.73 0.00	22.64 0.62 0.00
ATHENS_STG_3 23677	19.56 0.64 0.00	18.36 0.62 0.00	19.88 0.65 0.00	19.87 0.61 0.00	18.92 0.59 0.00	18.90 0.55 0.00	20.52 0.53 0.00	21.92 0.53 0.00	30.69 0.63 0.00	34.64 0.78 0.00	35.07 0.76 0.00	34.50 0.75 0.00	36.97 0.85 0.00	35.72 0.90 0.00	35.38 0.93 0.00	23.80 0.80 0.00	25.40 1.00 0.00	32.81 1.31 0.00	32.04 1.26 0.00	22.99 0.90 0.00	22.83 0.90 0.00	22.65 0.89 0.00	22.14 0.73 0.00	22.64 0.62 0.00
AUBURN___LFGE 323710	18.88 -0.04 0.00	17.73 -0.02 0.00	19.21 -0.02 0.00	19.26 0.00 0.00	18.31 -0.03 0.00	18.32 -0.03 0.00	19.96 -0.03 0.00	21.29 -0.10 0.00	29.86 -0.20 0.00	33.63 -0.24 0.00	34.31 0.01 0.00	33.93 0.17 0.00	36.41 0.29 0.00	34.99 0.16 0.00	34.57 0.12 0.00	23.18 0.18 0.00	24.68 0.29 0.00	31.85 0.35 0.00	31.13 0.36 0.00	22.30 0.21 0.00	22.11 0.18 0.00	21.98 0.22 0.00	21.48 0.07 0.00	22.14 0.12 0.00
BABYLON_RES_REC 323704	20.26 1.34 0.00	19.08 1.33 0.00	20.55 1.33 0.00	20.51 1.25 0.00	19.49 1.15 0.00	19.51 1.17 0.00	21.10 1.11 0.00	22.48 1.08 0.00	31.54 1.48 0.00	35.61 1.75 0.00	36.30 1.99 0.00	35.76 2.01 0.00	38.28 2.16 0.00	36.97 2.15 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.60 2.21 0.00	34.27 2.77 0.00	33.21 2.44 0.00	23.77 1.68 0.00	23.59 1.67 0.00	23.43 1.66 0.00	22.90 1.49 0.00	23.41 1.39 0.00
BABYLON__69_KV_BK2 356345	20.44 1.52 0.00	19.23 1.48 0.00	20.71 1.49 0.00	20.67 1.41 0.00	19.64 1.30 0.00	19.66 1.31 0.00	21.26 1.27 0.00	22.66 1.26 0.00	31.79 1.73 0.00	35.89 2.02 0.00	36.59 2.29 0.00	36.08 2.33 0.00	38.61 2.49 0.00	37.28 2.46 0.00	37.72 2.63 -0.63	25.06 2.06 0.00	26.87 2.47 0.00	34.63 3.13 0.00	33.52 2.74 0.00	23.98 1.89 0.00	23.79 1.87 0.00	23.63 1.86 0.00	23.08 1.66 0.00	23.59 1.57 0.00
BALL_HILL_WT_PWR 323825	18.14 -0.78 0.00	16.96 -0.79 0.00	18.33 -0.89 0.00	18.47 -0.79 0.00	17.60 -0.74 0.00	17.51 -0.83 0.00	19.11 -0.88 0.00	20.05 -1.34 0.00	28.17 -1.89 0.00	31.93 -1.93 0.00	33.12 -1.19 0.00	32.84 -0.91 0.00	35.35 -0.77 0.00	33.81 -1.02 0.00	22.08 -1.20 11.18	21.02 -0.70 1.28	21.95 -0.53 1.91	25.64 -0.96 4.90	29.25 -0.96 0.57	21.47 -0.62 0.00	21.24 -0.69 0.00	21.31 -0.46 0.00	21.01 -0.40 0.00	21.94 -0.08 0.00
BARON_WINDS___WT_PWR 323822	18.76 -0.16 0.00	17.65 -0.10 0.00	19.13 -0.10 0.00	19.11 -0.15 0.00	18.24 -0.09 0.00	18.20 -0.15 0.00	19.81 -0.18 0.00	21.19 -0.20 0.00	29.74 -0.32 0.00	33.59 -0.28 0.00	34.47 0.17 0.00	34.01 0.25 0.00	36.55 0.42 0.00	34.95 0.13 0.00	42.43 0.11 -7.86	24.18 0.28 -0.90	26.34 0.60 -1.35	35.72 0.77 -3.45	31.90 0.73 -0.40	22.69 0.60 0.00	22.41 0.48 0.00	22.41 0.64 0.00	21.93 0.52 0.00	22.49 0.47 0.00
BARRETT_IC_1 23704	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_10 23701	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_11 23702	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_12 23703	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_2 23705	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_3 23706	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_4 23707	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00

BARRETT_IC_5 23708	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_6 23709	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_7 23710	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.95 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.97 1.67 0.00	35.44 1.69 0.00	37.94 1.82 0.00	36.65 1.83 0.00	36.91 1.83 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.85 0.00	23.40 1.32 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_8 23711	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT_IC_9 23700	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT___1 23545	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BARRETT___2 23546	20.09 1.17 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.29 1.03 0.00	19.29 0.96 0.00	19.30 0.96 0.00	20.86 0.87 0.00	22.19 0.80 0.00	31.13 1.07 0.00	35.25 1.38 0.00	35.98 1.67 0.00	35.44 1.69 0.00	37.95 1.83 0.00	36.65 1.83 0.00	36.92 1.84 -0.63	24.58 1.58 0.00	26.30 1.90 0.00	33.78 2.28 0.00	32.62 1.84 0.00	23.40 1.31 0.00	23.27 1.35 0.00	23.16 1.39 0.00	22.65 1.24 0.00	23.19 1.17 0.00
BATAVIA___115KV_TB1 55881	18.15 -0.77 0.00	17.04 -0.71 0.00	18.38 -0.84 0.00	18.52 -0.74 0.00	17.68 -0.65 0.00	17.57 -0.78 0.00	19.17 -0.82 0.00	20.10 -1.30 0.00	28.32 -1.74 0.00	32.20														

BAYONEEC___CTG7 323688	20.01 1.09 0.00	18.78 1.03 0.00	20.24 1.01 0.00	20.21 0.94 0.00	19.22 0.89 0.00	19.21 0.86 0.00	20.86 0.87 0.00	22.25 0.85 0.00	31.17 1.11 0.00	35.27 1.41 0.00	35.72 1.42 0.00	35.08 1.33 0.00	37.58 1.46 0.00	36.32 1.49 0.00	36.03 1.57 0.00	24.36 1.36 0.00	26.00 1.61 0.00	33.47 1.97 0.00	32.70 1.93 0.00	23.56 1.47 0.00	23.36 1.44 0.00	23.17 1.40 0.00	22.62 1.21 0.00	23.06 1.04 0.00
BAYONEEC___CTG8 323689	20.01 1.09 0.00	18.78 1.03 0.00	20.24 1.01 0.00	20.21 0.94 0.00	19.22 0.89 0.00	19.21 0.86 0.00	20.86 0.87 0.00	22.25 0.85 0.00	31.17 1.11 0.00	35.27 1.41 0.00	35.72 1.42 0.00	35.08 1.33 0.00	37.58 1.46 0.00	36.32 1.49 0.00	36.03 1.57 0.00	24.36 1.36 0.00	26.00 1.61 0.00	33.47 1.97 0.00	32.70 1.93 0.00	23.56 1.47 0.00	23.36 1.44 0.00	23.17 1.40 0.00	22.62 1.21 0.00	23.06 1.04 0.00
BAYONEEC___CTG9 323749	20.01 1.09 0.00	18.78 1.03 0.00	20.24 1.01 0.00	20.21 0.94 0.00	19.22 0.89 0.00	19.21 0.86 0.00	20.86 0.87 0.00	22.25 0.85 0.00	31.17 1.11 0.00	35.27 1.41 0.00	35.72 1.42 0.00	35.08 1.33 0.00	37.58 1.46 0.00	36.32 1.49 0.00	36.03 1.57 0.00	24.36 1.36 0.00	26.00 1.61 0.00	33.47 1.97 0.00	32.70 1.93 0.00	23.56 1.47 0.00	23.36 1.44 0.00	23.17 1.40 0.00	22.62 1.21 0.00	23.06 1.04 0.00
BEACON___LESR 323632	19.55 0.64 0.00	18.36 0.61 0.00	19.86 0.63 0.00	19.85 0.59 0.00	18.91 0.57 0.00	18.93 0.58 0.00	20.59 0.59 0.00	22.03 0.63 0.00	30.79 0.72 0.00	34.75 0.89 0.00	35.08 0.78 0.00	34.57 0.82 0.00	37.02 0.90 0.00	35.71 0.88 0.00	35.22 0.76 0.00	23.74 0.74 0.00	25.37 0.98 0.00	32.79 1.29 0.00	31.97 1.19 0.00	22.92 0.83 0.00	22.80 0.87 0.00	22.61 0.84 0.00	22.07 0.66 0.00	22.52 0.50 0.00
BEAVER RIVER___HYD 24048	18.31 -0.60 0.00	17.19 -0.56 0.00	18.76 -0.46 0.00	18.88 -0.38 0.00	17.88 -0.45 0.00	17.75 -0.60 0.00	19.32 -0.67 0.00	21.06 -0.34 0.00	29.73 -0.33 0.00	33.11 -0.76 0.00	33.60 -0.71 0.00	33.21 -0.54 0.00	35.45 -0.67 0.00	34.21 -0.61 0.00	34.07 -0.39 0.00	22.77 -0.23 0.00	24.33 -0.07 0.00	31.72 0.22 0.00	30.94 0.17 0.00	22.15 0.06 0.00	21.91 -0.02 0.00	21.73 -0.04 0.00	21.36 -0.05 0.00	22.00 -0.02 0.00
BEEBEE_GT_13 23619	18.21 -0.71 0.00	17.10 -0.65 0.00	18.46 -0.77 0.00	18.56 -0.70 0.00	17.70 -0.64 0.00	17.63 -0.71 0.00	19.22 -0.77 0.00	20.28 -1.11 0.00	28.53 -1.53 0.00	32.34 -1.52 0.00	33.31 -1.00 0.00	32.95 -0.80 0.00	35.40 -0.72 0.00	33.96 -0.86 0.00	33.49 -0.97 0.00	22.41 -0.59 0.00	23.93 -0.46 0.00	30.76 -0.74 0.00	30.05 -0.73 0.00	21.56 -0.53 0.00	21.34 -0.59 0.00	21.28 -0.49 0.00	20.95 -0.46 0.00	21.77 -0.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.22 1.30 0.00	18.97 1.22 0.00	20.49 1.27 0.00	20.44 1.18 0.00	19.39 1.05 0.00	19.38 1.03 0.00	21.05 1.06 0.00	22.46 1.06 0.00	31.52 1.46 0.00	35.67 1.80 0.00	36.12 1.82 0.00	35.50 1.75 0.00	38.05 1.93 0.00	36.77 1.94 0.00	36.48 2.03 0.00	24.65 1.65 0.00	26.33 1.94 0.00	33.92 2.42 0.00	33.15 2.38 0.00	23.87 1.78 0.00	23.67 1.74 0.00	23.47 1.70 0.00	22.90 1.49 0.00	23.34 1.32 0.00
BETHLEHEM___GRP 23843	19.29 0.37 0.00	18.13 0.38 0.00	19.61 0.38 0.00	19.61 0.35 0.00	18.67 0.34 0.00	18.67 0.32 0.00	20.26 0.27 0.00	21.68 0.28 0.00	30.30 0.23 0.00	34.18 0.32 0.00	34.53 0.22 0.00	33.98 0.23 0.00	36.37 0.25 0.00	35.07 0.24 0.00	34.60 0.15 0.00	23.28 0.29 0.00	24.85 0.46 0.00	32.12 0.62 0.00	31.36 0.59 0.00	22.49 0.40 0.00	22.35 0.43 0.00	22.16 0.39 0.00	21.64 0.23 0.00	22.13 0.11 0.00
BETHLEHEM___GS1 323560	19.29 0.37 0.00	18.13 0.38 0.00	19.60 0.38 0.00	19.61 0.35 0.00	18.67 0.34 0.00	18.67 0.32 0.00	20.26 0.27 0.00	21.68 0.28 0.00	30.30 0.23 0.00	34.18 0.32 0.00	34.53 0.22 0.00	33.98 0.23 0.00	36.38 0.26 0.00	35.07 0.24 0.00	34.60 0.15 0.00	23.28 0.28 0.00	24.85 0.46 0.00	32.13 0.62 0.00	31.36 0.58 0.00	22.48 0.40 0.00	22.36 0.43 0.00	22.16 0.39 0.00	21.65 0.23 0.00	22.13 0.11 0.00
BETHLEHEM___GS2 323561	19.29 0.37 0.00	18.13 0.38 0.00	19.60 0.38 0.00	19.61 0.35 0.00	18.67 0.34 0.00	18.67 0.32 0.00	20.26 0.27 0.00	21.68 0.28 0.00	30.30 0.23 0.00	34.18 0.32 0.00	34.53 0.22 0.00	33.98 0.23 0.00	36.38 0.26 0.00	35.07 0.24 0.00	34.60 0.15 0.00	23.28 0.28 0.00	24.85 0.46 0.00	32.13 0.62 0.00	31.36 0.58 0.00	22.48 0.40 0.00	22.36 0.43 0.00	22.16 0.39 0.00	21.65 0.23 0.00	22.13 0.11 0.00
BETHLEHEM___GS3 323562	19.29 0.37 0.00	18.13 0.38 0.00	19.60 0.38 0.00	19.61 0.35 0.00	18.67 0.34 0.00	18.67 0.32 0.00	20.26 0.27 0.00	21.68 0.28 0.00	30.30 0.23 0.00	34.18 0.32 0.00	34.53 0.22 0.00	33.98 0.23 0.00	36.38 0.26 0.00	35.07 0.24 0.00	34.60 0.15 0.00	23.28 0.28 0.00	24.85 0.46 0.00	32.13 0.62 0.00	31.36 0.58 0.00	22.48 0.40 0.00	22.36 0.43 0.00	22.16 0.39 0.00	21.65 0.23 0.00	22.13 0.11 0.00
BETHLEHEM___STEEL 23779	18.04 -0.88 0.00	16.92 -0.83 0.00	18.26 -0.97 0.00	18.40 -0.86 0.00	17.54 -0.79 0.00	17.45 -0.90 0.00	19.01 -0.98 0.00	19.89 -1.50 0.00	27.98 -2.08 0.00	31.75 -2.11 0.00	32.97 -1.33 0.00	32.71 -1.04 0.00	35.23 -0.89 0.00	33.66 -1.17 0.00	33.15 -1.31 0.00	22.21 -0.79 0.00	23.77 -0.62 0.00	30.40 -1.10 0.00	29.70 -1.08 0.00	21.35 -0.74 0.00	21.12 -0.81 0.00	21.15 -0.62 0.00	20.90 -0.51 0.00	21.89 -0.13 0.00
BETHLHEM_115KV_TB1 79974	19.32 0.40 0.00	18.16 0.41 0.00	19.64 0.42 0.00	19.64 0.38 0.00	18.70 0.37 0.00	18.70 0.35 0.00	20.30 0.30 0.00	21.71 0.31 0.00	30.36 0.29 0.00	34.24 0.38 0.00	34.59 0.29 0.00	34.05 0.30 0.00	36.46 0.33 0.00	35.16 0.33 0.00	34.71 0.25 0.00	23.35 0.35 0.00	24.92 0.52 0.00	32.21 0.71 0.00	31.44 0.66 0.00	22.55 0.46 0.00	22.41 0.49 0.00	22.22 0.45 0.00	21.71 0.30 0.00	22.19 0.17 0.00
BETHPAGE_CC_5 323564	20.23 1.31 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.44 1.19 0.00	19.43 1.09 0.00	19.45 1.10 0.00	21.04 1.05 0.00	22.42 1.02 0.00	31.45 1.38 0.00	35.53 1.67 0.00	36.20 1.90 0.00	35.67 1.92 0.00	38.20 2.08 0.00	36.88 2.06 0.00	37.27 2.18 -0.63	24.76 1.76 0.00	26.46 2.06 0.00	34.08 2.57 0.00	33.03 2.25 0.00	23.65 1.56 0.00	23.48 1.56 0.00	23.33 1.57 0.00	22.83 1.42 0.00	23.32 1.31 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.13 -0.79 0.00	17.00 -0.75 0.00	18.35 -0.87 0.00	18.49 -0.77 0.00	17.63 -0.71 0.00	17.53 -0.81 0.00	19.12 -0.87 0.00	20.02 -1.38 0.00	28.13 -1.94 0.00	31.93 -1.93 0.00	33.15 -1.16 0.00	32.89 -0.86 0.00	35.44 -0.68 0.00	33.86 -0.96 0.00	33.35 -1.11 0.00	22.34 -0.65 0.00	23.91 -0.48 0.00	30.59 -0.91 0.00	29.88 -0.91 0.00	21.47 -0.62 0.00	21.23 -0.69 0.00	21.26 -0.51 0.00	21.01 -0.40 0.00	22.00 -0.02 0.00

BINGHAMTON___COGEN 23790	18.97 0.06 0.00	17.77 0.02 0.00	19.24 0.02 0.00	19.28 0.02 0.00	18.35 0.02 0.00	18.33 -0.02 0.00	19.95 -0.04 0.00	21.28 -0.11 0.00	29.87 -0.20 0.00	33.71 -0.15 0.00	34.41 0.10 0.00	33.90 0.15 0.00	36.38 0.26 0.00	34.99 0.17 0.00	34.56 0.10 0.00	23.19 0.19 0.00	24.76 0.37 0.00	31.94 0.44 0.00	31.17 0.39 0.00	22.41 0.32 0.00	22.20 0.27 0.00	22.12 0.35 0.00	21.66 0.25 0.00	22.23 0.21 0.00
BIXINCNT_115KV_LOAD 355685	18.53 -0.39 0.00	17.32 -0.43 0.00	18.78 -0.44 0.00	18.91 -0.36 0.00	17.97 -0.36 0.00	17.89 -0.45 0.00	19.59 -0.40 0.00	20.56 -0.84 0.00	28.76 -1.31 0.00	32.61 -1.26 0.00	33.75 -0.56 0.00	33.62 -0.13 0.00	36.31 0.19 0.00	34.73 -0.09 0.00	34.28 -0.18 0.00	23.00 0.00 0.00	24.55 0.15 0.00	31.36 -0.14 0.00	30.56 -0.21 0.00	21.95 -0.14 0.00	21.69 -0.23 0.00	21.83 0.06 0.00	21.59 0.18 0.00	22.57 0.55 0.00
BLACK RIVER___HYD 24047	18.24 -0.68 0.00	17.10 -0.65 0.00	18.69 -0.53 0.00	18.78 -0.48 0.00	17.84 -0.49 0.00	17.69 -0.65 0.00	19.21 -0.78 0.00	20.96 -0.44 0.00	29.60 -0.46 0.00	32.91 -0.96 0.00	33.45 -0.86 0.00	33.10 -0.65 0.00	35.39 -0.74 0.00	34.20 -0.63 0.00	34.11 -0.35 0.00	22.84 -0.16 0.00	24.44 0.05 0.00	31.91 0.40 0.00	31.12 0.35 0.00	22.26 0.17 0.00	22.01 0.08 0.00	21.82 0.05 0.00	21.38 -0.03 0.00	21.99 -0.03 0.00
BLACKRVR_115KV_TB2 79977	18.24 -0.68 0.00	17.10 -0.65 0.00	18.69 -0.53 0.00	18.78 -0.48 0.00	17.84 -0.49 0.00	17.70 -0.65 0.00	19.21 -0.78 0.00	20.95 -0.44 0.00	29.60 -0.46 0.00	32.91 -0.96 0.00	33.45 -0.86 0.00	33.10 -0.65 0.00	35.39 -0.74 0.00	34.20 -0.63 0.00	34.11 -0.35 0.00	22.84 -0.16 0.00	24.44 0.05 0.00	31.91 0.40 0.00	31.12 0.35 0.00	22.26 0.17 0.00	22.01 0.08 0.00	21.82 0.05 0.00	21.38 -0.03 0.00	21.99 -0.03 0.00
BLISS_WT_PWR 323608	18.54 -0.38 0.00	17.31 -0.44 0.00	18.78 -0.44 0.00	18.91 -0.35 0.00	17.97 -0.36 0.00	17.87 -0.48 0.00	19.61 -0.38 0.00	20.59 -0.81 0.00	28.77 -1.30 0.00	32.62 -1.24 0.00	33.76 -0.54 0.00	33.66 -0.10 0.00	36.33 0.21 0.00	34.77 -0.06 0.00	22.80 -0.12 11.53	21.71 0.03 1.32	22.62 0.20 1.97	26.35 -0.10 5.06	30.01 -0.18 0.58	21.99 -0.10 0.00	21.72 -0.20 0.00	21.86 0.09 0.00	21.62 0.21 0.00	22.61 0.59 0.00
BLUESTONE___WT_PWR 323821	19.61 0.70 0.00	18.46 0.71 0.00	19.77 0.54 0.00	19.74 0.48 0.00	18.96 0.62 0.00	18.55 0.20 0.00	20.52 0.53 0.00	22.05 0.66 0.00	31.05 0.99 0.00	35.47 1.60 0.00	36.20 1.90 0.00	35.23 1.49 0.00	37.88 1.75 0.00	36.77 1.94 0.00	38.43 1.77 -2.21	24.62 1.37 -0.25	26.58 1.81 -0.38	35.07 2.60 -0.97	33.31 2.42 -0.11	23.66 1.57 0.00	23.45 1.53 0.00	23.39 1.62 0.00	22.87 1.46 0.00	23.51 1.49 0.00
BLUE_CIRC_CHEM_DRP 24182	19.50 0.58 0.00	18.32 0.57 0.00	19.83 0.61 0.00	19.85 0.58 0.00	18.90 0.56 0.00	18.89 0.54 0.00	20.51 0.52 0.00	21.93 0.53 0.00	30.67 0.61 0.00	34.59 0.72 0.00	34.97 0.66 0.00	34.41 0.66 0.00	36.82 0.70 0.00	35.54 0.72 0.00	35.15 0.69 0.00	23.64 0.64 0.00	25.22 0.83 0.00	32.61 1.11 0.00	31.83 1.05 0.00	22.82 0.73 0.00	22.68 0.75 0.00	22.49 0.72 0.00	21.98 0.57 0.00	22.48 0.46 0.00
BOC_GAS_DRP 24189	19.37 0.46 0.00	18.20 0.45 0.00	19.70 0.47 0.00	19.70 0.44 0.00	18.76 0.43 0.00	18.75 0.40 0.00	20.36 0.36 0.00	21.76 0.37 0.00	30.45 0.39 0.00	34.36 0.50 0.00	34.74 0.44 0.00	34.19 0.43 0.00	36.61 0.50 0.00	35.36 0.53 0.00	34.98 0.52 0.00	23.50 0.51 0.00	25.07 0.67 0.00	32.39 0.89 0.00	31.63 0.85 0.00	22.69 0.60 0.00	22.54 0.62 0.00	22.36 0.59 0.00	21.87 0.45 0.00	22.38 0.36 0.00
BOONVILLE_115KV_TB1 79983	18.97 0.05 0.00	17.79 0.05 0.00	19.34 0.12 0.00	19.42 0.16 0.00	18.44 0.11 0.00	18.38 0.04 0.00	20.03 0.04 0.00	21.60 0.20 0.00	30.39 0.33 0.00	34.10 0.23 0.00	34.62 0.31 0.00	34.16 0.41 0.00	36.52 0.40 0.00	35.25 0.42 0.00	34.98 0.52 0.00	23.39 0.39 0.00	24.99 0.59 0.00	32.42 0.92 0.00	31.62 0.84 0.00	22.66 0.57 0.00	22.44 0.51 0.00	22.25 0.49 0.00	21.83 0.42 0.00	22.42 0.40 0.00
BORALEX_4TH_BRANCH 23824	19.76 0.84 0.00	18.59 0.84 0.00	20.10 0.87 0.00	20.08 0.82 0.00	19.15 0.81 0.00	19.12 0.78 0.00	20.71 0.72 0.00	22.13 0.74 0.00	30.83 0.77 0.00	34.73 0.86 0.00	34.92 0.61 0.00	34.30 0.55 0.00	36.75 0.64 0.00	35.79 0.96 0.00	35.57 1.12 0.00	23.96 0.96 0.00	25.65 1.26 0.00	33.16 1.66 0.00	32.36 1.59 0.00	23.24 1.15 0.00	23.19 1.27 0.00	22.99 1.22 0.00	22.37 0.96 0.00	22.82 0.80 0.00
BOWLINE___1 23526	19.93 1.01 0.00	18.70 0.94 0.00	20.18 0.96 0.00	20.16 0.90 0.00	19.18 0.85 0.00	19.17 0.82 0.00	20.82 0.83 0.00	22.22 0.83 0.00	31.12 1.06 0.00	35.18 1.31 0.00	35.64 1.34 0.00	35.06 1.31 0.00	37.59 1.47 0.00	36.31 1.49 0.00	35.98 1.53 0.00	24.27 1.27 0.00	25.93 1.54 0.00	33.48 1.98 0.00	32.67 1.90 0.00	23.47 1.38 0.00	23.28 1.36 0.00	23.11 1.34 0.00	22.56 1.15 0.00	23.04 1.02 0.00
BOWLINE___2 23595	19.92 1.00 0.00	18.69 0.94 0.00	20.18 0.95 0.00	20.16 0.89 0.00	19.18 0.85 0.00	19.17 0.82 0.00	20.81 0.82 0.00	22.22 0.82 0.00	31.12 1.06 0.00	35.17 1.30 0.00	35.64 1.34 0.00	35.05 1.30 0.00	37.57 1.45 0.00	36.31 1.49 0.00	35.98 1.53 0.00	24.26 1.26 0.00	25.92 1.53 0.00	33.47 1.97 0.00	32.66 1.89 0.00	23.47 1.38 0.00	23.28 1.36 0.00	23.10 1.34 0.00	22.56 1.14 0.00	23.03 1.01 0.00
BRADY___115KV_TB2 356060	18.87 -0.05 0.00	17.69 -0.06 0.00	19.21 -0.01 0.00	19.28 0.02 0.00	18.31 -0.03 0.00	18.32 -0.03 0.00	20.09 0.10 0.00	21.77 0.38 0.00	30.77 0.71 0.00	34.57 0.70 0.00	34.80 0.49 0.00	34.14 0.39 0.00	36.47 0.35 0.00	35.09 0.26 0.00	34.75 0.29 0.00	23.10 0.10 0.00	24.24 -0.16 0.00	31.35 -0.15 0.00	30.69 -0.09 0.00	22.01 -0.08 0.00	21.83 -0.10 0.00	21.65 -0.12 0.00	21.49 0.08 0.00	22.26 0.24 0.00
BRANSCOMB___SOLAR 323811	19.66 0.74 0.00	18.47 0.72 0.00	19.97 0.75 0.00	19.97 0.71 0.00	19.03 0.70 0.00	19.03 0.68 0.00	20.70 0.71 0.00	22.14 0.74 0.00	30.94 0.87 0.00	34.89 1.02 0.00	35.16 0.85 0.00	34.65 0.89 0.00	37.15 1.03 0.00	35.98 1.16 0.00	35.72 1.26 0.00	24.09 1.09 0.00	25.77 1.37 0.00	33.31 1.81 0.00	32.55 1.77 0.00	23.29 1.20 0.00	23.12 1.19 0.00	22.94 1.17 0.00	22.35 0.94 0.00	22.83 0.81 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.37 1.46 0.00	19.17 1.42 0.00	20.64 1.42 0.00	20.62 1.36 0.00	19.57 1.24 0.00	19.60 1.25 0.00	21.20 1.21 0.00	22.59 1.19 0.00	31.69 1.63 0.00	35.74 1.88 0.00	36.44 2.13 0.00	35.93 2.18 0.00	38.42 2.30 0.00	37.11 2.29 0.00	37.56 2.47 -0.63	24.96 1.96 0.00	26.76 2.36 0.00	34.45 2.95 0.00	33.33 2.56 0.00	23.86 1.77 0.00	23.67 1.74 0.00	23.51 1.74 0.00	22.97 1.56 0.00	23.49 1.47 0.00

BRISTLHL_115KV_TB1 79998	18.48 -0.44 0.00	17.32 -0.43 0.00	18.74 -0.48 0.00	18.79 -0.47 0.00	17.90 -0.43 0.00	17.88 -0.47 0.00	19.46 -0.53 0.00	20.74 -0.65 0.00	29.14 -0.93 0.00	32.88 -0.98 0.00	33.50 -0.81 0.00	33.01 -0.74 0.00	35.38 -0.74 0.00	34.09 -0.73 0.00	33.69 -0.77 0.00	22.50 -0.50 0.00	23.94 -0.45 0.00	30.91 -0.59 0.00	30.18 -0.60 0.00	21.66 -0.43 0.00	21.46 -0.47 0.00	21.31 -0.45 0.00	20.92 -0.49 0.00	21.51 -0.51 0.00
BROOKHAVEN___DRP 24191	20.33 1.41 0.00	19.15 1.40 0.00	20.61 1.39 0.00	20.58 1.32 0.00	19.56 1.22 0.00	19.60 1.25 0.00	21.18 1.19 0.00	22.56 1.16 0.00	31.65 1.59 0.00	35.58 1.71 0.00	36.34 2.03 0.00	35.78 2.03 0.00	38.23 2.11 0.00	36.96 2.14 0.00	37.42 2.34 -0.63	24.83 1.83 0.00	26.67 2.27 0.00	34.42 2.91 0.00	33.15 2.38 0.00	23.69 1.60 0.00	23.49 1.56 0.00	23.34 1.57 0.00	22.77 1.36 0.00	23.31 1.29 0.00
BROOKLYN_NAVY_YARD 23515	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.03 0.00	20.22 0.96 0.00	19.24 0.90 0.00	19.23 0.88 0.00	20.88 0.89 0.00	22.26 0.87 0.00	31.19 1.13 0.00	35.29 1.42 0.00	35.73 1.43 0.00	35.11 1.36 0.00	37.62 1.50 0.00	36.36 1.53 0.00	36.06 1.60 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.59 1.50 0.00	23.37 1.45 0.00	23.17 1.40 0.00	22.63 1.22 0.00	23.06 1.04 0.00
BROOKLYN___ARMY_DRP 323595	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
BROOKVLE_69_KV_TB1 55790	20.29 1.37 0.00	19.06 1.31 0.00	20.53 1.31 0.00	20.50 1.24 0.00	19.49 1.16 0.00	19.50 1.16 0.00	21.11 1.12 0.00	22.51 1.12 0.00	31.55 1.49 0.00	35.70 1.83 0.00	36.34 2.03 0.00	35.80 2.04 0.00	38.35 2.23 0.00	37.03 2.21 0.00	37.38 2.29 -0.63	24.84 1.84 0.00	26.59 2.19 0.00	34.25 2.74 0.00	33.23 2.45 0.00	23.81 1.72 0.00	23.63 1.71 0.00	23.48 1.72 0.00	22.95 1.54 0.00	23.44 1.42 0.00
BROOME_2_LFGE 323671	18.97 0.06 0.00	17.77 0.02 0.00	19.25 0.02 0.00	19.28 0.02 0.00	18.35 0.02 0.00	18.33 -0.02 0.00	19.95 -0.04 0.00	21.28 -0.11 0.00	29.87 -0.19 0.00	33.71 -0.15 0.00	34.40 0.10 0.00	33.90 0.15 0.00	36.37 0.25 0.00	34.99 0.17 0.00	37.32 0.09 -2.77	23.51 0.19 -0.32	25.23 0.37 -0.47	33.16 0.44 -1.22	31.31 0.39 -0.14	22.41 0.32 0.00	22.20 0.27 0.00	22.12 0.35 0.00	21.66 0.25 0.00	22.23 0.21 0.00
BROOME___LFGE 323600	18.97 0.06 0.00	17.77 0.02 0.00	19.25 0.02 0.00	19.28 0.02 0.00	18.35 0.02 0.00	18.33 -0.02 0.00	19.95 -0.04 0.00	21.28 -0.11 0.00	29.87 -0.19 0.00	33.71 -0.15 0.00	34.40 0.10 0.00	33.90 0.15 0.00	36.37 0.25 0.00	34.99 0.17 0.00	37.32 0.09 -2.77	23.51 0.19 -0.32	25.23 0.37 -0.47	33.16 0.44 -1.22	31.31 0.39 -0.14	22.41 0.32 0.00	22.20 0.27 0.00	22.12 0.35 0.00	21.66 0.25 0.00	22.23 0.21 0.00
BROWNFLS_115KV_TB 3_5 80003	18.33 -0.59 0.00	17.19 -0.56 0.00	18.73 -0.50 0.00	18.82 -0.44 0.00	17.82 -0.51 0.00	17.72 -0.63 0.00	19.35 -0.64 0.00	21.07 -0.33 0.00	29.77 -0.29 0.00	33.28 -0.58 0.00	33.72 -0.58 0.00	33.23 -0.52 0.00	35.47 -0.65 0.00	34.19 -0.63 0.00	33.97 -0.48 0.00	22.65 -0.35 0.00	23.95 -0.44 0.00	31.13 -0.37 0.00	30.42 -0.36 0.00	21.79 -0.30 0.00	21.58 -0.35 0.00	21.40 -0.37 0.00	21.15 -0.26 0.00	21.86 -0.16 0.00
BROWNSV1_27_KV_LOAD 356125	20.18 1.27 0.00	18.95 1.20 0.00	20.40 1.18 0.00	20.36 1.11 0.00	19.38 1.05 0.00	19.37 1.02 0.00	21.03 1.04 0.00	22.44 1.05 0.00	31.44 1.38 0.00	35.60 1.74 0.00	36.08 1.77 0.00	35.45 1.70 0.00	37.99 1.88 0.00	36.70 1.88 0.00	36.42 1.96 0.00	24.62 1.62 0.00	26.28 1.89 0.00	33.87 2.36 0.00	33.09 2.31 0.00	23.81 1.72 0.00	23.61 1.69 0.00	23.42 1.66 0.00	22.86 1.44 0.00	23.29 1.28 0.00
BURROWS___LYONSDAL 23803	18.79 -0.13 0.00	17.64 -0.11 0.00	19.19 -0.03 0.00	19.29 0.03 0.00	18.30 -0.04 0.00	18.21 -0.13 0.00	19.84 -0.15 0.00	21.46 0.06 0.00	30.22 0.16 0.00	33.82 -0.04 0.00	34.33 0.03 0.00	33.91 0.15 0.00	36.23 0.11 0.00	34.96 0.14 0.00	34.72 0.27 0.00	23.22 0.22 0.00	24.82 0.43 0.00	32.27 0.76 0.00	31.47 0.69 0.00	22.55 0.46 0.00	22.31 0.39 0.00	22.14 0.37 0.00	21.72 0.31 0.00	22.33 0.31 0.00
CAITHNESS_CC_1 323624	20.29 1.37 0.00	19.11 1.36 0.00	20.58 1.35 0.00	20.55 1.28 0.00	19.51 1.18 0.00	19.56 1.21 0.00	21.12 1.13 0.00	22.50 1.11 0.00	31.57 1.51 0.00	35.52 1.65 0.00	36.27 1.97 0.00	35.73 1.97 0.00	38.18 2.06 0.00	36.89 2.07 0.00	37.35 2.26 -0.63	24.79 1.79 0.00	26.60 2.21 0.00	34.32 2.81 0.00	33.09 2.31 0.00	23.66 1.57 0.00	23.47 1.54 0.00	23.31 1.55 0.00	22.76 1.34 0.00	23.29 1.27 0.00
CALPINE BETH_PAGE_GT4 24209	20.20 1.28 0.00	18.99 1.24 0.00	20.45 1.23 0.00	20.41 1.15 0.00	19.40 1.07 0.00	19.42 1.07 0.00	21.01 1.02 0.00	22.39 1.00 0.00	31.40 1.34 0.00	35.50 1.63 0.00	36.16 1.85 0.00	35.62 1.87 0.00	38.14 2.02 0.00	36.84 2.01 0.00	37.21 2.13 -0.63	24.71 1.72 0.00	26.36 1.96 0.00	33.96 2.45 0.00	32.91 2.13 0.00	23.57 1.48 0.00	23.40 1.47 0.00	23.25 1.48 0.00	22.79 1.38 0.00	23.28 1.26 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.20 1.28 0.00	18.98 1.24 0.00	20.45 1.23 0.00	20.41 1.15 0.00	19.40 1.07 0.00	19.42 1.07 0.00	21.01 1.02 0.00	22.39 1.00 0.00	31.40 1.34 0.00	35.50 1.63 0.00	36.16 1.86 0.00	35.62 1.87 0.00	38.14 2.02 0.00	36.83 2.01 0.00	37.22 2.13 -0.63	24.71 1.72 0.00	26.36 1.96 0.00	33.95 2.45 0.00	32.91 2.13 0.00	23.57 1.48 0.00	23.40 1.47 0.00	23.25 1.48 0.00	22.79 1.38 0.00	23.28 1.26 0.00
CALPINE_BP_GT1 23823	20.20 1.28 0.00	18.98 1.24 0.00	20.45 1.23 0.00	20.41 1.15 0.00	19.40 1.07 0.00	19.42 1.07 0.00	21.01 1.02 0.00	22.39 1.00 0.00	31.40 1.34 0.00	35.50 1.63 0.00	36.16 1.86 0.00	35.62 1.87 0.00	38.14 2.02 0.00	36.83 2.01 0.00	37.22 2.13 -0.63	24.71 1.72 0.00	26.36 1.96 0.00	33.95 2.45 0.00	32.91 2.13 0.00	23.57 1.48 0.00	23.40 1.47 0.00	23.25 1.48 0.00	22.79 1.38 0.00	23.28 1.26 0.00
CALSPAN___DRP 24200	18.04 -0.88 0.00	16.92 -0.83 0.00	18.26 -0.97 0.00	18.40 -0.86 0.00	17.54 -0.79 0.00	17.45 -0.90 0.00	19.01 -0.98 0.00	19.89 -1.50 0.00	27.98 -2.08 0.00	31.75 -2.11 0.00	32.97 -1.33 0.00	32.71 -1.04 0.00	35.23 -0.89 0.00	33.66 -1.17 0.00	33.15 -1.31 0.00	22.21 -0.79 0.00	23.77 -0.62 0.00	30.40 -1.10 0.00	29.70 -1.08 0.00	21.35 -0.74 0.00	21.12 -0.81 0.00	21.15 -0.62 0.00	20.90 -0.51 0.00	21.89 -0.13 0.00

CALVERTON___SOLAR 323806	20.37 1.46 0.00	19.20 1.45 0.00	20.66 1.44 0.00	20.62 1.37 0.00	19.60 1.26 0.00	19.65 1.30 0.00	21.23 1.24 0.00	22.61 1.22 0.00	31.74 1.67 0.00	35.65 1.78 0.00	36.44 2.14 0.00	35.86 2.11 0.00	38.33 2.21 0.00	37.05 2.23 0.00	37.50 2.41 -0.63	24.89 1.89 0.00	26.74 2.35 0.00	34.53 3.03 0.00	33.24 2.46 0.00	23.74 1.66 0.00	23.53 1.60 0.00	23.37 1.61 0.00	22.81 1.40 0.00	23.35 1.33 0.00
CANDIGU_WT_PWR 323617	18.76 -0.16 0.00	17.65 -0.10 0.00	19.13 -0.10 0.00	19.11 -0.15 0.00	18.24 -0.09 0.00	18.20 -0.15 0.00	19.81 -0.18 0.00	21.19 -0.20 0.00	29.74 -0.32 0.00	33.59 -0.28 0.00	34.47 0.17 0.00	34.01 0.25 0.00	36.55 0.42 0.00	34.95 0.13 0.00	42.43 0.11 -7.86	24.18 0.28 -0.90	26.34 0.60 -1.35	35.72 0.77 -3.45	31.90 0.73 -0.40	22.69 0.60 0.00	22.41 0.48 0.00	22.41 0.64 0.00	21.93 0.52 0.00	22.49 0.47 0.00
CARR STREET_E_SYR 24060	18.63 -0.29 0.00	17.46 -0.29 0.00	18.89 -0.33 0.00	18.95 -0.31 0.00	18.05 -0.29 0.00	18.02 -0.32 0.00	19.62 -0.37 0.00	20.90 -0.49 0.00	29.36 -0.71 0.00	33.13 -0.73 0.00	33.76 -0.54 0.00	33.30 -0.46 0.00	35.70 -0.42 0.00	34.38 -0.45 0.00	33.97 -0.49 0.00	22.70 -0.30 0.00	24.17 -0.22 0.00	31.19 -0.31 0.00	30.45 -0.33 0.00	21.86 -0.23 0.00	21.66 -0.27 0.00	21.52 -0.24 0.00	21.12 -0.29 0.00	21.71 -0.31 0.00
CARTHAGE___PAPER 23857	18.42 -0.50 0.00	17.28 -0.47 0.00	18.87 -0.36 0.00	18.97 -0.29 0.00	17.99 -0.34 0.00	17.86 -0.49 0.00	19.43 -0.56 0.00	21.19 -0.20 0.00	29.92 -0.14 0.00	33.29 -0.57 0.00	33.79 -0.51 0.00	33.42 -0.33 0.00	35.69 -0.43 0.00	34.47 -0.35 0.00	34.35 -0.10 0.00	22.98 -0.02 0.00	24.56 0.16 0.00	32.05 0.55 0.00	31.26 0.49 0.00	22.37 0.28 0.00	22.11 0.19 0.00	21.92 0.16 0.00	21.53 0.12 0.00	22.16 0.14 0.00
CASSADAGA_WT_PWR 323784	18.52 -0.40 0.00	17.26 -0.49 0.00	18.67 -0.55 0.00	18.80 -0.46 0.00	17.90 -0.44 0.00	17.87 -0.48 0.00	19.50 -0.49 0.00	20.52 -0.88 0.00	28.82 -1.24 0.00	32.65 -1.21 0.00	33.85 -0.45 0.00	33.58 -0.17 0.00	36.16 0.04 0.00	34.59 -0.23 0.00	21.52 -0.45 12.48	21.37 -0.20 1.42	22.27 0.01 2.14	25.78 -0.25 5.47	29.88 -0.27 0.63	21.98 -0.11 0.00	21.73 -0.19 0.00	21.83 0.06 0.00	21.49 0.08 0.00	22.38 0.37 0.00
CE_DUNWOOD___DRP 24194	19.94 1.02 0.00	18.70 0.95 0.00	20.18 0.96 0.00	20.16 0.90 0.00	19.19 0.85 0.00	19.17 0.82 0.00	20.82 0.83 0.00	22.23 0.84 0.00	31.12 1.06 0.00	35.19 1.32 0.00	35.65 1.35 0.00	35.07 1.31 0.00	37.59 1.47 0.00	36.31 1.49 0.00	35.99 1.53 0.00	24.29 1.29 0.00	25.94 1.55 0.00	33.48 1.98 0.00	32.68 1.90 0.00	23.48 1.39 0.00	23.29 1.37 0.00	23.12 1.35 0.00	22.57 1.16 0.00	23.04 1.02 0.00
CE_MILLWOOD___DRP 24193	19.91 0.99 0.00	18.68 0.93 0.00	20.16 0.93 0.00	20.14 0.88 0.00	19.17 0.83 0.00	19.15 0.80 0.00	20.80 0.81 0.00	22.21 0.81 0.00	31.10 1.04 0.00	35.14 1.28 0.00	35.61 1.30 0.00	35.02 1.27 0.00	37.55 1.43 0.00	36.28 1.46 0.00	35.95 1.49 0.00	24.24 1.25 0.00	25.90 1.51 0.00	33.44 1.94 0.00	32.63 1.86 0.00	23.45 1.36 0.00	23.26 1.33 0.00	23.08 1.32 0.00	22.54 1.13 0.00	23.01 0.99 0.00
CE_NYC2_DRP 24202	20.06 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.30 1.04 0.00	19.26 0.92 0.00	19.24 0.90 0.00	20.89 0.90 0.00	22.27 0.88 0.00	31.24 1.18 0.00	35.36 1.49 0.00	35.80 1.49 0.00	35.17 1.42 0.00	37.69 1.57 0.00	36.42 1.60 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.59 2.09 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.48 0.00	23.21 1.45 0.00	22.66 1.24 0.00	23.10 1.08 0.00
CE_NYC_DRP 24195	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.24 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.27 0.87 0.00	31.19 1.13 0.00	35.30 1.44 0.00	35.75 1.45 0.00	35.12 1.37 0.00	37.63 1.52 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.39 1.39 0.00	26.04 1.65 0.00	33.53 2.02 0.00	32.76 1.98 0.00	23.58 1.49 0.00	23.38 1.46 0.00	23.19 1.42 0.00	22.64 1.23 0.00	23.08 1.06 0.00
CHAFFEE___LFGE 323603	18.09 -0.83 0.00	16.97 -0.78 0.00	18.30 -0.93 0.00	18.44 -0.82 0.00	17.59 -0.74 0.00	17.48 -0.87 0.00	19.07 -0.92 0.00	19.96 -1.43 0.00	28.06 -2.01 0.00	31.86 -2.01 0.00	33.06 -1.24 0.00	32.81 -0.94 0.00	35.33 -0.79 0.00	33.78 -1.04 0.00	22.47 -1.18 10.80	21.06 -0.70 1.23	22.00 -0.54 1.85	25.77 -0.99 4.74	29.25 -0.98 0.54	21.42 -0.67 0.00	21.18 -0.74 0.00	21.21 -0.56 0.00	20.96 -0.45 0.00	21.96 -0.06 0.00
CHATEAUG_35_KV_LOAD 355732	18.65 -0.27 0.00	17.46 -0.29 0.00	18.99 -0.23 0.00	19.12 -0.14 0.00	18.18 -0.15 0.00	18.11 -0.24 0.00	19.90 -0.09 0.00	21.47 0.07 0.00	30.29 0.23 0.00	34.01 0.15 0.00	34.32 0.01 0.00	33.72 -0.03 0.00	36.10 -0.02 0.00	34.77 -0.05 0.00	34.46 0.01 0.00	22.89 -0.11 0.00	24.13 -0.26 0.00	31.34 -0.16 0.00	30.72 -0.06 0.00	22.00 -0.09 0.00	21.85 -0.08 0.00	21.73 -0.04 0.00	21.51 0.09 0.00	22.25 0.23 0.00
CHATEAUG_WT_PWR 323614	18.59 -0.33 0.00	17.40 -0.35 0.00	18.92 -0.30 0.00	19.06 -0.20 0.00	18.12 -0.22 0.00	18.04 -0.31 0.00	19.83 -0.16 0.00	21.37 -0.02 0.00	30.15 0.09 0.00	33.83 -0.04 0.00	34.15 -0.16 0.00	33.57 -0.18 0.00	35.95 -0.17 0.00	34.67 -0.16 0.00	34.36 -0.10 0.00	22.83 -0.17 0.00	24.07 -0.33 0.00	31.26 -0.24 0.00	30.65 -0.13 0.00	21.96 -0.13 0.00	21.80 -0.13 0.00	21.69 -0.08 0.00	21.45 0.04 0.00	22.19 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	18.65 -0.27 0.00	17.46 -0.29 0.00	18.99 -0.23 0.00	19.12 -0.14 0.00	18.18 -0.15 0.00	18.11 -0.24 0.00	19.90 -0.09 0.00	21.47 0.07 0.00	30.29 0.23 0.00	34.01 0.15 0.00	34.32 0.01 0.00	33.72 -0.03 0.00	36.10 -0.02 0.00	34.77 -0.05 0.00	34.46 0.01 0.00	22.89 -0.11 0.00	24.13 -0.26 0.00	31.34 -0.16 0.00	30.72 -0.06 0.00	22.00 -0.09 0.00	21.85 -0.08 0.00	21.73 -0.04 0.00	21.51 0.09 0.00	22.25 0.23 0.00
CHAUTAUQUA___LFGE 323629	18.24 -0.67 0.00	17.05 -0.70 0.00	18.42 -0.80 0.00	18.56 -0.70 0.00	17.69 -0.64 0.00	17.62 -0.73 0.00	19.22 -0.77 0.00	20.18 -1.22 0.00	28.37 -1.69 0.00	32.17 -1.70 0.00	33.38 -0.93 0.00	33.09 -0.66 0.00	35.60 -0.52 0.00	34.05 -0.78 0.00	21.76 -0.96 11.73	21.11 -0.55 1.34	22.03 -0.35 2.01	25.64 -0.71 5.15	29.49 -0.70 0.59	21.65 -0.45 0.00	21.40 -0.52 0.00	21.46 -0.31 0.00	21.16 -0.25 0.00	22.10 0.08 0.00
CHERRYST_13_KV_LD 356241	20.07 1.15 0.00	18.84 1.09 0.00	20.29 1.07 0.00	20.26 1.00 0.00	19.27 0.94 0.00	19.26 0.91 0.00	20.91 0.93 0.00	22.31 0.92 0.00	31.26 1.19 0.00	35.39 1.52 0.00	35.84 1.54 0.00	35.21 1.46 0.00	37.72 1.61 0.00	36.45 1.63 0.00	36.16 1.71 0.00	24.45 1.45 0.00	26.11 1.71 0.00	33.61 2.11 0.00	32.83 2.06 0.00	23.64 1.55 0.00	23.44 1.51 0.00	23.25 1.48 0.00	22.69 1.28 0.00	23.13 1.11 0.00

CHESTROR_138KV_BK263 355645	19.69 0.77 0.00	18.47 0.72 0.00	19.95 0.72 0.00	19.94 0.68 0.00	18.98 0.65 0.00	18.96 0.61 0.00	20.61 0.62 0.00	22.01 0.61 0.00	30.83 0.77 0.00	34.82 0.96 0.00	35.29 0.98 0.00	34.72 0.97 0.00	37.22 1.11 0.00	35.96 1.14 0.00	35.58 1.13 0.00	23.94 0.94 0.00	25.57 1.18 0.00	33.05 1.55 0.00	32.26 1.48 0.00	23.16 1.07 0.00	22.98 1.05 0.00	22.82 1.05 0.00	22.31 0.90 0.00	22.81 0.79 0.00
CH_MIDHUDSON___DRP 24192	19.90 0.98 0.00	18.66 0.91 0.00	20.17 0.95 0.00	20.16 0.90 0.00	19.19 0.86 0.00	19.17 0.82 0.00	20.83 0.84 0.00	22.25 0.86 0.00	31.14 1.08 0.00	35.19 1.32 0.00	35.63 1.32 0.00	35.05 1.30 0.00	37.59 1.47 0.00	36.31 1.49 0.00	35.98 1.53 0.00	24.25 1.25 0.00	25.92 1.53 0.00	33.51 2.01 0.00	32.71 1.94 0.00	23.48 1.39 0.00	23.28 1.36 0.00	23.09 1.33 0.00	22.54 1.13 0.00	23.01 1.00 0.00
CH_MISC_IPPS 23765	19.98 1.06 0.00	18.73 0.98 0.00	20.24 1.02 0.00	20.23 0.97 0.00	19.26 0.92 0.00	19.25 0.90 0.00	20.92 0.93 0.00	22.34 0.95 0.00	31.29 1.23 0.00	35.35 1.49 0.00	35.82 1.51 0.00	35.24 1.49 0.00	37.81 1.69 0.00	36.51 1.69 0.00	36.15 1.70 0.00	24.36 1.36 0.00	26.05 1.66 0.00	33.69 2.18 0.00	32.88 2.10 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.21 1.44 0.00	22.66 1.25 0.00	23.15 1.13 0.00
CH_RES_BVR_FALLS 23983	18.61 -0.31 0.00	17.45 -0.30 0.00	18.98 -0.25 0.00	19.08 -0.18 0.00	18.11 -0.23 0.00	18.07 -0.28 0.00	19.76 -0.22 0.00	21.29 -0.10 0.00	29.94 -0.12 0.00	33.62 -0.25 0.00	33.98 -0.32 0.00	33.38 -0.37 0.00	35.69 -0.43 0.00	34.38 -0.45 0.00	33.97 -0.49 0.00	22.64 -0.36 0.00	24.00 -0.40 0.00	31.05 -0.46 0.00	30.35 -0.43 0.00	21.80 -0.29 0.00	21.65 -0.28 0.00	21.49 -0.28 0.00	21.22 -0.19 0.00	21.91 -0.11 0.00
CH_RES_NIAGARA 23895	17.36 -1.56 0.00	16.33 -1.42 0.00	17.58 -1.64 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.78 -1.56 0.00	18.31 -1.68 0.00	19.03 -2.37 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.54 -2.77 0.00	31.27 -2.48 0.00	33.61 -2.51 0.00	32.11 -2.72 0.00	22.92 -2.77 8.77	20.22 -1.78 1.00	21.21 -1.68 1.50	25.23 -2.43 3.85	27.90 -2.44 0.44	20.38 -1.71 0.00	20.17 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
CH_RES_SYRACUSE 23985	18.75 -0.17 0.00	17.59 -0.16 0.00	19.03 -0.19 0.00	19.08 -0.18 0.00	18.17 -0.16 0.00	18.15 -0.19 0.00	19.76 -0.23 0.00	21.08 -0.32 0.00	29.59 -0.47 0.00	33.38 -0.48 0.00	34.01 -0.29 0.00	33.55 -0.20 0.00	35.96 -0.16 0.00	34.64 -0.19 0.00	34.22 -0.23 0.00	22.88 -0.11 0.00	24.36 -0.04 0.00	31.45 -0.05 0.00	30.70 -0.08 0.00	22.03 -0.06 0.00	21.83 -0.09 0.00	21.69 -0.08 0.00	21.27 -0.14 0.00	21.87 -0.15 0.00
CLINTON_WT_PWR 323605	18.59 -0.33 0.00	17.40 -0.35 0.00	18.92 -0.30 0.00	19.06 -0.20 0.00	18.12 -0.22 0.00	18.04 -0.31 0.00	19.83 -0.16 0.00	21.37 -0.02 0.00	30.15 0.09 0.00	33.83 -0.04 0.00	34.15 -0.16 0.00	33.57 -0.18 0.00	35.95 -0.17 0.00	34.67 -0.16 0.00	34.36 -0.10 0.00	22.83 -0.17 0.00	24.07 -0.33 0.00	31.26 -0.24 0.00	30.65 -0.13 0.00	21.96 -0.13 0.00	21.80 -0.13 0.00	21.69 -0.08 0.00	21.45 0.04 0.00	22.19 0.17 0.00
CLINTON___LFGE 323618	18.85 -0.07 0.00	17.64 -0.11 0.00	19.17 -0.05 0.00	19.30 0.04 0.00	18.36 0.02 0.00	18.23 -0.11 0.00	20.10 0.11 0.00	21.68 0.28 0.00	30.62 0.56 0.00	34.32 0.46 0.00	34.70 0.39 0.00	34.11 0.36 0.00	36.56 0.44 0.00	35.29 0.46 0.00	34.97 0.51 0.00	23.26 0.27 0.00	24.55 0.16 0.00	31.91 0.41 0.00	31.29 0.51 0.00	22.37 0.28 0.00	22.18 0.25 0.00	22.06 0.30 0.00	21.79 0.38 0.00	22.54 0.52 0.00
COBBLENY_34_KV_TB1 80064	18.09 -0.83 0.00	16.97 -0.78 0.00	18.31 -0.92 0.00	18.44 -0.82 0.00	17.59 -0.74 0.00	17.50 -0.85 0.00	19.07 -0.92 0.00	19.95 -1.44 0.00	28.06 -2.01 0.00	31.86 -2.01 0.00	33.07 -1.23 0.00	32.82 -0.94 0.00	35.35 -0.77 0.00	33.78 -1.04 0.00	33.27 -1.19 0.00	22.29 -0.71 0.00	23.85 -0.54 0.00	30.52 -0.98 0.00	29.81 -0.97 0.00	21.42 -0.67 0.00	21.18 -0.74 0.00	21.21 -0.56 0.00	20.96 -0.45 0.00	21.96 -0.07 0.00
COFFEEN___115KV_TB3 355620	18.35 -0.57 0.00	17.20 -0.55 0.00	18.79 -0.43 0.00	18.88 -0.38 0.00	17.94 -0.39 0.00	17.80 -0.54 0.00	19.33 -0.66 0.00	21.07 -0.32 0.00	29.77 -0.29 0.00	33.12 -0.75 0.00	33.67 -0.64 0.00	33.31 -0.44 0.00	35.61 -0.51 0.00	34.42 -0.40 0.00	34.33 -0.12 0.00	23.01 0.01 0.00	24.62 0.23 0.00	32.15 0.65 0.00	31.37 0.59 0.00	22.42 0.33 0.00	22.16 0.23 0.00	21.96 0.19 0.00	21.50 0.09 0.00	22.10 0.09 0.00
COLDSPRG_115KV_BK1 355956	18.84 -0.08 0.00	17.59 -0.16 0.00	19.04 -0.19 0.00	19.15 -0.11 0.00	18.23 -0.11 0.00	18.20 -0.15 0.00	19.85 -0.14 0.00	20.88 -0.51 0.00	29.21 -0.85 0.00	33.03 -0.84 0.00	34.19 -0.12 0.00	33.98 0.22 0.00	36.74 0.62 0.00	35.19 0.37 0.00	34.61 0.15 0.00	23.22 0.22 0.00	24.79 0.39 0.00	31.68 0.18 0.00	30.85 0.07 0.00	22.22 0.13 0.00	21.97 0.04 0.00	22.14 0.37 0.00	21.82 0.41 0.00	22.71 0.69 0.00
COLONIE_LFGE___ 323577	19.55 0.63 0.00	18.37 0.62 0.00	19.87 0.64 0.00	19.87 0.60 0.00	18.93 0.59 0.00	18.92 0.57 0.00	20.54 0.54 0.00	21.96 0.56 0.00	30.67 0.61 0.00	34.59 0.73 0.00	34.89 0.58 0.00	34.34 0.59 0.00	36.80 0.68 0.00	35.65 0.82 0.00	35.33 0.88 0.00	23.79 0.79 0.00	25.41 1.02 0.00	32.85 1.35 0.00	32.09 1.31 0.00	23.00 0.91 0.00	22.88 0.95 0.00	22.68 0.91 0.00	22.12 0.71 0.00	22.61 0.59 0.00
COOPERNY_115KV_TB1 80082	19.50 0.58 0.00	18.29 0.54 0.00	19.77 0.55 0.00	19.78 0.52 0.00	18.82 0.49 0.00	18.80 0.46 0.00	20.45 0.46 0.00	21.85 0.45 0.00	30.61 0.55 0.00	34.57 0.71 0.00	35.04 0.74 0.00	34.49 0.73 0.00	36.96 0.84 0.00	35.68 0.85 0.00	35.30 0.85 0.00	23.73 0.73 0.00	25.31 0.91 0.00	32.70 1.20 0.00	31.92 1.14 0.00	22.92 0.82 0.00	22.73 0.81 0.00	22.58 0.82 0.00	22.10 0.69 0.00	22.63 0.61 0.00
COPENHAGEN_WT_PWR 323753	18.07 -0.85 0.00	16.94 -0.81 0.00	18.54 -0.68 0.00	18.63 -0.63 0.00	17.72 -0.61 0.00	17.54 -0.81 0.00	19.00 -0.99 0.00	20.78 -0.61 0.00	29.38 -0.68 0.00	32.57 -1.30 0.00	33.12 -1.19 0.00	32.80 -0.95 0.00	35.08 -1.04 0.00	33.92 -0.90 0.00	33.87 -0.59 0.00	22.68 -0.32 0.00	24.29 -0.11 0.00	31.71 0.21 0.00	30.94 0.16 0.00	22.13 0.04 0.00	21.89 -0.04 0.00	21.71 -0.06 0.00	21.28 -0.13 0.00	21.88 -0.14 0.00
CORNELL_____ 23752	19.19 0.27 0.00	17.98 0.23 0.00	19.46 0.23 0.00	19.52 0.25 0.00	18.58 0.24 0.00	18.56 0.21 0.00	20.23 0.24 0.00	21.61 0.21 0.00	30.37 0.31 0.00	34.30 0.44 0.00	34.99 0.68 0.00	34.46 0.71 0.00	36.96 0.84 0.00	35.53 0.71 0.00	35.15 0.69 0.00	23.57 0.57 0.00	25.18 0.79 0.00	32.57 1.07 0.00	31.78 1.00 0.00	22.79 0.70 0.00	22.55 0.63 0.00	22.43 0.67 0.00	21.96 0.55 0.00	22.55 0.53 0.00

CORONA__69_KV_TB1 355595	20.20 1.28 0.00	18.97 1.22 0.00	20.44 1.22 0.00	20.41 1.15 0.00	19.39 1.06 0.00	19.40 1.06 0.00	21.00 1.01 0.00	22.37 0.97 0.00	31.37 1.31 0.00	35.49 1.63 0.00	36.17 1.86 0.00	35.62 1.87 0.00	38.14 2.02 0.00	36.85 2.03 0.00	37.15 2.06 -0.63	24.71 1.71 0.00	26.43 2.04 0.00	34.03 2.53 0.00	32.95 2.17 0.00	23.65 1.56 0.00	23.48 1.56 0.00	23.34 1.57 0.00	22.81 1.40 0.00	23.32 1.31 0.00
CORTLAND__115KV_TB3 80093	19.04 0.12 0.00	17.84 0.09 0.00	19.32 0.10 0.00	19.37 0.11 0.00	18.44 0.10 0.00	18.42 0.07 0.00	20.06 0.07 0.00	21.42 0.03 0.00	30.09 0.03 0.00	33.97 0.10 0.00	34.62 0.32 0.00	34.10 0.35 0.00	36.56 0.44 0.00	35.21 0.38 0.00	34.80 0.35 0.00	23.32 0.32 0.00	24.89 0.49 0.00	32.16 0.66 0.00	31.38 0.60 0.00	22.51 0.42 0.00	22.29 0.37 0.00	22.17 0.41 0.00	21.72 0.30 0.00	22.29 0.27 0.00
COXSACKIE__GT 23611	20.24 1.32 0.00	18.99 1.25 0.00	20.56 1.33 0.00	20.57 1.31 0.00	19.59 1.26 0.00	19.61 1.27 0.00	21.33 1.34 0.00	22.90 1.50 0.00	32.10 2.04 0.00	36.24 2.37 0.00	36.69 2.39 0.00	36.10 2.35 0.00	38.66 2.54 0.00	37.18 2.36 0.00	36.71 2.26 0.00	24.78 1.78 0.00	26.59 2.20 0.00	34.53 3.03 0.00	33.69 2.92 0.00	24.01 1.92 0.00	23.78 1.86 0.00	23.56 1.79 0.00	22.94 1.52 0.00	23.44 1.42 0.00
CPV_VALLEY__CC1 323721	19.56 0.64 0.00	18.34 0.59 0.00	19.82 0.60 0.00	19.82 0.56 0.00	18.86 0.52 0.00	18.85 0.50 0.00	20.48 0.49 0.00	21.87 0.48 0.00	30.63 0.56 0.00	34.59 0.73 0.00	35.06 0.75 0.00	34.49 0.74 0.00	36.97 0.85 0.00	35.71 0.89 0.00	35.35 0.89 0.00	23.78 0.78 0.00	25.38 0.99 0.00	32.80 1.30 0.00	32.01 1.23 0.00	22.98 0.89 0.00	22.80 0.88 0.00	22.65 0.88 0.00	22.15 0.74 0.00	22.65 0.63 0.00
CPV_VALLEY__CC2 323722	19.56 0.64 0.00	18.34 0.59 0.00	19.82 0.60 0.00	19.82 0.56 0.00	18.86 0.52 0.00	18.85 0.50 0.00	20.48 0.49 0.00	21.87 0.48 0.00	30.63 0.56 0.00	34.59 0.73 0.00	35.06 0.75 0.00	34.49 0.74 0.00	36.97 0.85 0.00	35.71 0.89 0.00	35.35 0.89 0.00	23.78 0.78 0.00	25.38 0.99 0.00	32.80 1.30 0.00	32.01 1.23 0.00	22.98 0.89 0.00	22.80 0.88 0.00	22.65 0.88 0.00	22.15 0.74 0.00	22.65 0.63 0.00
CRESCENT__HYD 24018	19.55 0.63 0.00	18.37 0.62 0.00	19.87 0.64 0.00	19.87 0.60 0.00	18.93 0.59 0.00	18.92 0.57 0.00	20.54 0.54 0.00	21.96 0.56 0.00	30.67 0.61 0.00	34.59 0.73 0.00	34.89 0.58 0.00	34.34 0.59 0.00	36.80 0.68 0.00	35.65 0.82 0.00	35.33 0.88 0.00	23.79 0.79 0.00	25.41 1.02 0.00	32.85 1.35 0.00	32.09 1.31 0.00	23.00 0.91 0.00	22.88 0.95 0.00	22.68 0.91 0.00	22.12 0.71 0.00	22.61 0.59 0.00
CRICKET__VALLEY_CC1 323756	19.75 0.83 0.00	18.54 0.79 0.00	20.05 0.83 0.00	20.05 0.79 0.00	19.08 0.75 0.00	19.05 0.70 0.00	20.69 0.70 0.00	22.10 0.70 0.00	30.87 0.81 0.00	34.84 0.98 0.00	35.24 0.94 0.00	34.66 0.91 0.00	37.17 1.05 0.00	35.96 1.14 0.00	35.67 1.21 0.00	24.03 1.04 0.00	25.70 1.31 0.00	33.23 1.73 0.00	32.46 1.68 0.00	23.29 1.20 0.00	23.10 1.18 0.00	22.90 1.14 0.00	22.32 0.91 0.00	22.76 0.74 0.00
CRICKET__VALLEY_CC2 323757	19.75 0.83 0.00	18.54 0.79 0.00	20.05 0.83 0.00	20.05 0.79 0.00	19.08 0.75 0.00	19.05 0.70 0.00	20.69 0.70 0.00	22.10 0.70 0.00	30.87 0.81 0.00	34.84 0.98 0.00	35.24 0.94 0.00	34.66 0.91 0.00	37.17 1.05 0.00	35.96 1.14 0.00	35.67 1.21 0.00	24.03 1.04 0.00	25.70 1.31 0.00	33.23 1.73 0.00	32.46 1.68 0.00	23.29 1.20 0.00	23.10 1.18 0.00	22.90 1.14 0.00	22.32 0.91 0.00	22.76 0.74 0.00
CRICKET__VALLEY_CC3 323758	19.75 0.83 0.00	18.54 0.79 0.00	20.05 0.83 0.00	20.05 0.79 0.00	19.08 0.75 0.00	19.05 0.70 0.00	20.69 0.70 0.00	22.10 0.70 0.00	30.87 0.81 0.00	34.84 0.98 0.00	35.24 0.94 0.00	34.66 0.91 0.00	37.17 1.05 0.00	35.96 1.14 0.00	35.67 1.21 0.00	24.03 1.04 0.00	25.70 1.31 0.00	33.23 1.73 0.00	32.46 1.68 0.00	23.29 1.20 0.00	23.10 1.18 0.00	22.90 1.14 0.00	22.32 0.91 0.00	22.76 0.74 0.00
CRUCIBLE_METL_DRP 24180	18.75 -0.17 0.00	17.58 -0.17 0.00	19.03 -0.19 0.00	19.08 -0.18 0.00	18.17 -0.16 0.00	18.15 -0.19 0.00	19.76 -0.23 0.00	21.07 -0.32 0.00	29.59 -0.47 0.00	33.39 -0.48 0.00	34.01 -0.29 0.00	33.55 -0.20 0.00	35.97 -0.15 0.00	34.64 -0.19 0.00	34.22 -0.23 0.00	22.88 -0.12 0.00	24.36 -0.04 0.00	31.45 -0.05 0.00	30.70 -0.08 0.00	22.03 -0.07 0.00	21.83 -0.09 0.00	21.69 -0.08 0.00	21.27 -0.15 0.00	21.87 -0.15 0.00
DAHOWA__HYDRO 323763	19.67 0.76 0.00	18.48 0.73 0.00	19.99 0.77 0.00	19.99 0.73 0.00	19.05 0.72 0.00	19.05 0.70 0.00	20.73 0.74 0.00	22.17 0.78 0.00	31.00 0.94 0.00	34.96 1.09 0.00	35.23 0.93 0.00	34.72 0.97 0.00	37.24 1.12 0.00	36.08 1.26 0.00	35.84 1.38 0.00	24.18 1.18 0.00	25.87 1.47 0.00	33.44 1.94 0.00	32.68 1.90 0.00	23.37 1.28 0.00	23.18 1.26 0.00	23.01 1.24 0.00	22.40 0.99 0.00	22.88 0.86 0.00
DANC__LFGE 323619	18.23 -0.69 0.00	17.08 -0.67 0.00	18.62 -0.60 0.00	18.69 -0.57 0.00	17.78 -0.55 0.00	17.67 -0.68 0.00	19.17 -0.83 0.00	20.75 -0.64 0.00	29.26 -0.80 0.00	32.69 -1.17 0.00	33.27 -1.04 0.00	32.88 -0.87 0.00	35.20 -0.92 0.00	33.99 -0.83 0.00	33.80 -0.66 0.00	22.61 -0.39 0.00	24.14 -0.26 0.00	31.39 -0.11 0.00	30.63 -0.15 0.00	21.93 -0.16 0.00	21.72 -0.20 0.00	21.55 -0.21 0.00	21.14 -0.28 0.00	21.73 -0.29 0.00
DANSKAMMER__1 23586	19.98 1.06 0.00	18.73 0.98 0.00	20.24 1.02 0.00	20.23 0.97 0.00	19.26 0.92 0.00	19.25 0.90 0.00	20.92 0.93 0.00	22.34 0.95 0.00	31.29 1.23 0.00	35.35 1.49 0.00	35.82 1.51 0.00	35.24 1.49 0.00	37.81 1.69 0.00	36.51 1.69 0.00	36.15 1.70 0.00	24.36 1.36 0.00	26.05 1.66 0.00	33.69 2.18 0.00	32.88 2.10 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.21 1.44 0.00	22.66 1.25 0.00	23.15 1.13 0.00
DANSKAMMER__2 23589	19.98 1.06 0.00	18.73 0.98 0.00	20.24 1.02 0.00	20.23 0.97 0.00	19.26 0.92 0.00	19.25 0.90 0.00	20.92 0.93 0.00	22.34 0.95 0.00	31.29 1.23 0.00	35.35 1.49 0.00	35.82 1.51 0.00	35.24 1.49 0.00	37.81 1.69 0.00	36.51 1.69 0.00	36.15 1.70 0.00	24.36 1.36 0.00	26.05 1.66 0.00	33.69 2.18 0.00	32.88 2.10 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.21 1.44 0.00	22.66 1.25 0.00	23.15 1.13 0.00
DANSKAMMER__3 23590	19.98 1.06 0.00	18.73 0.98 0.00	20.24 1.02 0.00	20.23 0.97 0.00	19.26 0.92 0.00	19.25 0.90 0.00	20.92 0.93 0.00	22.34 0.95 0.00	31.29 1.23 0.00	35.35 1.49 0.00	35.82 1.51 0.00	35.24 1.49 0.00	37.81 1.69 0.00	36.51 1.69 0.00	36.15 1.70 0.00	24.36 1.36 0.00	26.05 1.66 0.00	33.69 2.18 0.00	32.88 2.10 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.21 1.44 0.00	22.66 1.25 0.00	23.15 1.13 0.00

DANSKAMMER___4 23591	19.98 1.06 0.00	18.73 0.98 0.00	20.24 1.02 0.00	20.23 0.97 0.00	19.26 0.92 0.00	19.25 0.90 0.00	20.92 0.93 0.00	22.34 0.95 0.00	31.29 1.23 0.00	35.35 1.49 0.00	35.82 1.51 0.00	35.24 1.49 0.00	37.81 1.69 0.00	36.51 1.69 0.00	36.15 1.70 0.00	24.36 1.36 0.00	26.05 1.66 0.00	33.69 2.18 0.00	32.88 2.10 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.21 1.44 0.00	22.66 1.25 0.00	23.15 1.13 0.00
DANSKAMMER___DIESEL 23592	19.98 1.06 0.00	18.73 0.99 0.00	20.24 1.02 0.00	20.23 0.97 0.00	19.26 0.92 0.00	19.24 0.89 0.00	20.92 0.93 0.00	22.34 0.95 0.00	31.29 1.22 0.00	35.35 1.49 0.00	35.82 1.51 0.00	35.24 1.49 0.00	37.80 1.68 0.00	36.51 1.69 0.00	36.15 1.70 0.00	24.36 1.36 0.00	26.05 1.66 0.00	33.69 2.18 0.00	32.88 2.10 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.21 1.44 0.00	22.66 1.25 0.00	23.15 1.13 0.00
DARBY___SOLAR 323810	19.66 0.74 0.00	18.47 0.72 0.00	19.98 0.75 0.00	19.98 0.72 0.00	19.04 0.71 0.00	19.03 0.69 0.00	20.71 0.71 0.00	22.14 0.75 0.00	30.96 0.89 0.00	34.90 1.04 0.00	35.18 0.88 0.00	34.67 0.91 0.00	37.17 1.05 0.00	36.01 1.19 0.00	35.76 1.30 0.00	24.12 1.12 0.00	25.79 1.39 0.00	33.33 1.83 0.00	32.57 1.79 0.00	23.31 1.22 0.00	23.13 1.21 0.00	22.96 1.19 0.00	22.36 0.95 0.00	22.84 0.82 0.00
DASHVILLE___HYD 23610	19.76 0.84 0.00	18.52 0.77 0.00	20.02 0.79 0.00	20.01 0.75 0.00	19.04 0.71 0.00	19.01 0.67 0.00	20.66 0.67 0.00	22.06 0.67 0.00	30.90 0.84 0.00	34.92 1.05 0.00	35.37 1.07 0.00	34.80 1.05 0.00	37.33 1.21 0.00	36.08 1.26 0.00	35.74 1.29 0.00	24.06 1.06 0.00	25.73 1.34 0.00	33.27 1.77 0.00	32.47 1.70 0.00	23.33 1.24 0.00	23.13 1.21 0.00	22.95 1.18 0.00	22.42 1.01 0.00	22.90 0.88 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.52 1.60 0.00	19.33 1.58 0.00	20.77 1.54 0.00	20.74 1.47 0.00	19.72 1.39 0.00	19.83 1.48 0.00	21.45 1.46 0.00	22.83 1.43 0.00	32.08 2.02 0.00	36.07 2.20 0.00	36.89 2.58 0.00	36.26 2.51 0.00	38.80 2.68 0.00	37.54 2.72 0.00	38.02 2.93 -0.63	25.22 2.22 0.00	27.13 2.74 0.00	35.00 3.50 0.00	33.69 2.92 0.00	24.07 1.98 0.00	23.84 1.91 0.00	23.66 1.89 0.00	23.07 1.66 0.00	23.63 1.61 0.00
DELAWARE___LFGE 323621	19.48 0.56 0.00	18.26 0.51 0.00	19.77 0.55 0.00	19.79 0.53 0.00	18.85 0.51 0.00	18.81 0.47 0.00	20.48 0.48 0.00	21.89 0.50 0.00	30.74 0.68 0.00	34.73 0.87 0.00	35.27 0.96 0.00	34.72 0.97 0.00	37.22 1.10 0.00	35.90 1.07 0.00	35.50 1.04 0.00	23.81 0.82 0.00	25.38 0.98 0.00	32.80 1.30 0.00	32.02 1.24 0.00	22.97 0.88 0.00	22.77 0.85 0.00	22.63 0.86 0.00	22.17 0.75 0.00	22.74 0.72 0.00
DERFIELD_115KV_TB7 355931	19.03 0.12 0.00	17.86 0.11 0.00	19.34 0.12 0.00	19.36 0.10 0.00	18.44 0.10 0.00	18.43 0.09 0.00	20.05 0.06 0.00	21.45 0.05 0.00	30.09 0.03 0.00	33.92 0.05 0.00	34.36 0.06 0.00	33.82 0.07 0.00	36.20 0.08 0.00	34.93 0.10 0.00	34.57 0.11 0.00	23.13 0.13 0.00	24.60 0.21 0.00	31.78 0.28 0.00	31.05 0.27 0.00	22.27 0.19 0.00	22.11 0.19 0.00	21.94 0.17 0.00	21.54 0.12 0.00	22.10 0.08 0.00
DOGLEVILLE___HYD 23807	18.98 0.06 0.00	17.81 0.06 0.00	19.22 0.00 0.00	19.19 -0.07 0.00	18.30 -0.04 0.00	18.28 -0.06 0.00	19.83 -0.16 0.00	21.22 -0.17 0.00	29.68 -0.38 0.00	33.54 -0.32 0.00	33.96 -0.35 0.00	33.35 -0.40 0.00	35.84 -0.28 0.00	34.75 -0.08 0.00	34.40 -0.05 0.00	23.21 0.21 0.00	24.87 0.47 0.00	32.23 0.73 0.00	31.45 0.67 0.00	22.52 0.43 0.00	22.36 0.43 0.00	22.17 0.41 0.00	21.55 0.13 0.00	21.98 -0.04 0.00
DUNKIRK___115KV_TB_200 55889	18.21 -0.71 0.00	17.03 -0.72 0.00	18.40 -0.83 0.00	18.53 -0.73 0.00	17.66 -0.67 0.00	17.60 -0.75 0.00	19.18 -0.81 0.00	20.12 -1.27 0.00	28.30 -1.76 0.00	32.10 -1.77 0.00	33.32 -0.99 0.00	33.02 -0.73 0.00	35.54 -0.57 0.00	33.98 -0.85 0.00	33.42 -1.04 0.00	22.40 -0.60 0.00	23.99 -0.41 0.00	30.72 -0.78 0.00	30.02 -0.76 0.00	21.59 -0.50 0.00	21.35 -0.58 0.00	21.40 -0.36 0.00	21.11 -0.30 0.00	22.06 0.04 0.00
DUNKIRK___1 23563	18.21 -0.71 0.00	17.03 -0.72 0.00	18.40 -0.83 0.00	18.53 -0.73 0.00	17.66 -0.67 0.00	17.60 -0.75 0.00	19.18 -0.81 0.00	20.12 -1.27 0.00	28.30 -1.76 0.00	32.10 -1.77 0.00	33.32 -0.99 0.00	33.02 -0.73 0.00	35.54 -0.57 0.00	33.98 -0.85 0.00	33.42 -1.04 0.00	22.40 -0.60 0.00	23.99 -0.41 0.00	30.72 -0.78 0.00	30.02 -0.76 0.00	21.59 -0.50 0.00	21.35 -0.58 0.00	21.40 -0.36 0.00	21.11 -0.30 0.00	22.06 0.04 0.00
DUNKIRK___2 23564	18.21 -0.71 0.00	17.03 -0.72 0.00	18.40 -0.83 0.00	18.53 -0.73 0.00	17.66 -0.67 0.00	17.60 -0.75 0.00	19.18 -0.81 0.00	20.12 -1.27 0.00	28.30 -1.76 0.00	32.10 -1.77 0.00	33.32 -0.99 0.00	33.02 -0.73 0.00	35.54 -0.57 0.00	33.98 -0.85 0.00	33.42 -1.04 0.00	22.40 -0.60 0.00	23.99 -0.41 0.00	30.72 -0.78 0.00	30.02 -0.76 0.00	21.59 -0.50 0.00	21.35 -0.58 0.00	21.40 -0.36 0.00	21.11 -0.30 0.00	22.06 0.04 0.00
DUNKIRK___3 23565	18.21 -0.71 0.00	17.02 -0.74 0.00	18.40 -0.82 0.00	18.53 -0.73 0.00	17.65 -0.69 0.00	17.59 -0.76 0.00	19.17 -0.83 0.00	20.13 -1.26 0.00	28.29 -1.78 0.00	32.04 -1.83 0.00	33.24 -1.07 0.00	32.95 -0.80 0.00	35.49 -0.64 0.00	33.92 -0.90 0.00	33.35 -1.11 0.00	22.36 -0.64 0.00	23.93 -0.46 0.00	30.64 -0.86 0.00	29.92 -0.86 0.00	21.55 -0.54 0.00	21.31 -0.61 0.00	21.40 -0.37 0.00	21.09 -0.33 0.00	21.99 -0.03 0.00
DUNKIRK___4 23566	18.18 -0.74 0.00	17.01 -0.75 0.00	18.38 -0.85 0.00	18.51 -0.75 0.00	17.64 -0.69 0.00	17.57 -0.78 0.00	19.15 -0.84 0.00	20.08 -1.31 0.00	28.24 -1.82 0.00	32.02 -1.84 0.00	33.23 -1.07 0.00	32.96 -0.80 0.00	35.49 -0.64 0.00	33.91 -0.91 0.00	33.37 -1.09 0.00	22.37 -0.63 0.00	23.94 -0.45 0.00	30.66 -0.84 0.00	29.94 -0.83 0.00	21.55 -0.54 0.00	21.31 -0.62 0.00	21.37 -0.40 0.00	21.08 -0.34 0.00	22.02 0.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.97 1.06 0.00	18.74 0.99 0.00	20.22 0.99 0.00	20.20 0.94 0.00	19.21 0.88 0.00	19.20 0.85 0.00	20.85 0.86 0.00	22.25 0.86 0.00	31.16 1.09 0.00	35.23 1.37 0.00	35.70 1.40 0.00	35.10 1.35 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.04 1.59 0.00	24.33 1.33 0.00	25.99 1.59 0.00	33.54 2.04 0.00	32.74 1.96 0.00	23.53 1.44 0.00	23.34 1.41 0.00	23.15 1.39 0.00	22.61 1.20 0.00	23.08 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.82 0.90 0.00	18.58 0.83 0.00	20.08 0.85 0.00	20.07 0.81 0.00	19.10 0.76 0.00	19.08 0.74 0.00	20.74 0.75 0.00	22.16 0.76 0.00	31.03 0.97 0.00	35.05 1.19 0.00	35.52 1.21 0.00	34.96 1.20 0.00	37.48 1.36 0.00	36.20 1.38 0.00	35.83 1.38 0.00	24.12 1.12 0.00	25.79 1.39 0.00	33.34 1.83 0.00	32.54 1.76 0.00	23.36 1.27 0.00	23.17 1.24 0.00	23.00 1.23 0.00	22.47 1.06 0.00	22.97 0.95 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.06 1.14 0.00	18.83 1.08 0.00	20.36 1.13 0.00	20.30 1.04 0.00	19.27 0.94 0.00	19.26 0.91 0.00	20.90 0.92 0.00	22.25 0.86 0.00	31.25 1.18 0.00	35.34 1.48 0.00	35.79 1.48 0.00	35.16 1.41 0.00	37.68 1.56 0.00	36.42 1.60 0.00	36.16 1.70 0.00	24.42 1.42 0.00	26.08 1.68 0.00	33.56 2.06 0.00	32.80 2.02 0.00	23.61 1.52 0.00	23.38 1.46 0.00	23.17 1.40 0.00	22.63 1.21 0.00	23.08 1.06 0.00
E179THST_13_KV_LOAD 356214	20.13 1.21 0.00	18.89 1.14 0.00	20.42 1.20 0.00	20.37 1.11 0.00	19.33 1.00 0.00	19.32 0.97 0.00	20.97 0.98 0.00	22.33 0.93 0.00	31.36 1.30 0.00	35.47 1.61 0.00	35.93 1.63 0.00	35.30 1.55 0.00	37.84 1.72 0.00	36.58 1.76 0.00	36.31 1.85 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.71 2.21 0.00	32.95 2.17 0.00	23.71 1.62 0.00	23.49 1.56 0.00	23.27 1.50 0.00	22.72 1.30 0.00	23.17 1.15 0.00
EAST HAMPTON___GT 23717	20.51 1.59 0.00	19.33 1.58 0.00	20.73 1.51 0.00	20.69 1.43 0.00	19.72 1.38 0.00	19.89 1.54 0.00	21.53 1.54 0.00	22.87 1.48 0.00	32.22 2.16 0.00	36.28 2.42 0.00	37.15 2.84 0.00	36.45 2.69 0.00	39.11 2.98 0.00	37.85 3.02 0.00	38.32 3.23 -0.63	25.43 2.43 0.00	27.39 3.00 0.00	35.25 3.75 0.00	33.96 3.18 0.00	24.27 2.18 0.00	24.03 2.10 0.00	23.82 2.05 0.00	23.24 1.83 0.00	23.79 1.77 0.00
EAST RIVER___6 23660	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.24 0.90 0.00	19.21 0.86 0.00	20.85 0.86 0.00	22.25 0.85 0.00	31.18 1.11 0.00	35.28 1.42 0.00	35.74 1.43 0.00	35.11 1.36 0.00	37.62 1.50 0.00	36.34 1.52 0.00	36.07 1.61 0.00	24.39 1.39 0.00	26.04 1.65 0.00	33.53 2.03 0.00	32.76 1.99 0.00	23.58 1.49 0.00	23.38 1.46 0.00	23.18 1.42 0.00	22.63 1.21 0.00	23.06 1.04 0.00
EAST RIVER___7 23524	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.24 0.90 0.00	19.21 0.86 0.00	20.85 0.86 0.00	22.25 0.85 0.00	31.18 1.11 0.00	35.28 1.42 0.00	35.74 1.43 0.00	35.11 1.36 0.00	37.62 1.50 0.00	36.34 1.52 0.00	36.07 1.61 0.00	24.39 1.39 0.00	26.04 1.65 0.00	33.53 2.03 0.00	32.76 1.99 0.00	23.58 1.49 0.00	23.38 1.46 0.00	23.18 1.42 0.00	22.63 1.21 0.00	23.06 1.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.94 1.02 0.00	18.70 0.95 0.00	20.18 0.96 0.00	20.16 0.90 0.00	19.19 0.85 0.00	19.17 0.82 0.00	20.82 0.83 0.00	22.23 0.84 0.00	31.12 1.06 0.00	35.19 1.32 0.00	35.65 1.35 0.00	35.07 1.31 0.00	37.59 1.47 0.00	36.31 1.49 0.00	35.99 1.53 0.00	24.29 1.29 0.00	25.94 1.55 0.00	33.48 1.98 0.00	32.68 1.90 0.00	23.48 1.39 0.00	23.29 1.37 0.00	23.12 1.35 0.00	22.57 1.16 0.00	23.04 1.02 0.00
EAST_HAMPTON___DIESEL 23722	20.49 1.57 0.00	19.31 1.56 0.00	20.71 1.49 0.00	20.66 1.40 0.00	19.70 1.36 0.00	19.87 1.53 0.00	21.52 1.53 0.00	22.85 1.46 0.00	32.20 2.14 0.00	36.27 2.40 0.00	37.13 2.82 0.00	36.43 2.68 0.00	39.09 2.97 0.00	37.84 3.02 0.00	38.31 3.22 -0.63	25.42 2.42 0.00	27.39 3.00 0.00	35.23 3.73 0.00	33.94 3.16 0.00	24.27 2.17 0.00	24.01 2.09 0.00	23.81 2.04 0.00	23.23 1.82 0.00	23.78 1.76 0.00
EAST_PULASKI___ESR 323781	18.41 -0.51 0.00	17.26 -0.49 0.00	18.72 -0.50 0.00	18.78 -0.47 0.00	17.88 -0.45 0.00	17.83 -0.52 0.00	19.36 -0.62 0.00	20.77 -0.63 0.00	29.21 -0.85 0.00	32.88 -0.99 0.00	33.46 -0.84 0.00	33.01 -0.74 0.00	35.37 -0.76 0.00	34.12 -0.71 0.00	33.79 -0.66 0.00	22.59 -0.41 0.00	24.05 -0.35 0.00	31.14 -0.36 0.00	30.39 -0.39 0.00	21.79 -0.30 0.00	21.61 -0.32 0.00	21.44 -0.32 0.00	21.04 -0.37 0.00	21.62 -0.40 0.00
EAST_RIVER___1 323558	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.03 0.00	20.21 0.95 0.00	19.24 0.90 0.00	19.23 0.88 0.00	20.87 0.88 0.00	22.26 0.87 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.76 1.45 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.39 1.39 0.00	26.04 1.65 0.00	33.52 2.02 0.00	32.76 1.98 0.00	23.58 1.49 0.00	23.38 1.46 0.00	23.19 1.42 0.00	22.64 1.23 0.00	23.08 1.06 0.00
EAST_RIVER___2 323559	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.24 0.90 0.00	19.21 0.86 0.00	20.85 0.86 0.00	22.25 0.85 0.00	31.18 1.11 0.00	35.28 1.42 0.00	35.74 1.43 0.00	35.11 1.36 0.00	37.62 1.50 0.00	36.34 1.52 0.00	36.07 1.61 0.00	24.39 1.39 0.00	26.04 1.65 0.00	33.53 2.03 0.00	32.76 1.99 0.00	23.58 1.49 0.00	23.38 1.46 0.00	23.18 1.42 0.00	22.63 1.21 0.00	23.06 1.04 0.00
EAST___DELAWARE_HYD 23607	19.48 0.56 0.00	18.24 0.50 0.00	19.72 0.50 0.00	19.71 0.45 0.00	18.76 0.43 0.00	18.76 0.42 0.00	20.42 0.42 0.00	21.85 0.46 0.00	30.61 0.55 0.00	34.56 0.69 0.00	35.00 0.69 0.00	34.41 0.66 0.00	36.96 0.84 0.00	35.62 0.79 0.00	35.21 0.75 0.00	23.65 0.65 0.00	25.40 1.01 0.00	32.97 1.46 0.00	32.18 1.40 0.00	23.07 0.98 0.00	22.86 0.94 0.00	22.68 0.92 0.00	22.17 0.75 0.00	22.64 0.62 0.00
EIGHT_POINT___WT_PWR 323820	18.75 -0.16 0.00	17.84 0.10 0.00	19.28 0.06 0.00	19.27 0.01 0.00	18.46 0.12 0.00	18.33 -0.02 0.00	20.02 0.03 0.00	21.42 0.02 0.00	30.11 0.05 0.00	34.04 0.17 0.00	35.03 0.73 0.00	34.56 0.81 0.00	37.08 0.96 0.00	35.38 0.55 0.00	37.28 0.55 0.00	23.86 0.60 -2.27	25.76 0.98 -0.26	33.90 1.41 -0.39	32.29 1.40 -1.00	23.13 1.04 -0.11	22.84 0.91 0.00	22.79 1.03 0.00	22.29 0.88 0.00	22.84 0.83 0.00
ELBRIDGE_115KV_TB2 80188	18.67 -0.25 0.00	17.52 -0.23 0.00	18.96 -0.26 0.00	19.01 -0.25 0.00	18.09 -0.25 0.00	18.08 -0.27 0.00	19.68 -0.31 0.00	20.99 -0.41 0.00	29.45 -0.61 0.00	33.22 -0.65 0.00	33.84 -0.47 0.00	33.39 -0.36 0.00	35.81 -0.31 0.00	34.47 -0.36 0.00	34.05 -0.41 0.00	22.78 -0.22 0.00	24.24 -0.15 0.00	31.29 -0.21 0.00	30.56 -0.22 0.00	21.92 -0.17 0.00	21.73 -0.19 0.00	21.60 -0.17 0.00	21.16 -0.25 0.00	21.77 -0.25 0.00
ELEC_TRO_TEK 24086	20.15 1.23 0.00	18.93 1.18 0.00	20.39 1.17 0.00	20.36 1.11 0.00	19.36 1.02 0.00	19.37 1.02 0.00	20.96 0.97 0.00	22.34 0.95 0.00	31.33 1.27 0.00	35.42 1.56 0.00	36.05 1.75 0.00	35.50 1.75 0.00	38.02 1.90 0.00	36.73 1.91 0.00	37.07 1.98 -0.63	24.63 1.63 0.00	26.35 1.95 0.00	33.93 2.43 0.00	32.93 2.15 0.00	23.61 1.52 0.00	23.44 1.51 0.00	23.28 1.52 0.00	22.76 1.34 0.00	23.25 1.23 0.00
ELLENBURG_WT_PWR 323604	18.59 -0.33 0.00	17.40 -0.35 0.00	18.92 -0.30 0.00	19.06 -0.20 0.00	18.12 -0.22 0.00	18.04 -0.31 0.00	19.83 -0.16 0.00	21.37 -0.02 0.00	30.15 0.09 0.00	33.83 -0.04 0.00	34.15 -0.16 0.00	33.57 -0.18 0.00	35.95 -0.17 0.00	34.67 -0.16 0.00	34.36 -0.10 0.00	22.83 -0.17 0.00	24.07 -0.33 0.00	31.26 -0.24 0.00	30.65 -0.13 0.00	21.96 -0.13 0.00	21.80 -0.13 0.00	21.69 -0.08 0.00	21.45 0.04 0.00	22.19 0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.90 -1.02 0.00	16.79 -0.96 0.00	18.12 -1.10 0.00	18.27 -1.00 0.00	17.42 -0.91 0.00	17.32 -1.03 0.00	18.87 -1.12 0.00	19.74 -1.66 0.00	27.75 -2.31 0.00	31.50 -2.36 0.00	32.72 -1.59 0.00	32.45 -1.30 0.00	34.93 -1.19 0.00	33.37 -1.46 0.00	32.86 -1.60 0.00	22.01 -0.99 0.00	23.56 -0.83 0.00	30.15 -1.35 0.00	29.45 -1.33 0.00	21.17 -0.92 0.00	20.94 -0.98 0.00	20.96 -0.80 0.00	20.73 -0.69 0.00	21.73 -0.29 0.00
EMPIRE_CC_1 323656	19.49 0.57 0.00	18.32 0.57 0.00	19.81 0.58 0.00	19.80 0.54 0.00	18.87 0.54 0.00	18.85 0.51 0.00	20.43 0.44 0.00	21.84 0.44 0.00	30.50 0.43 0.00	34.37 0.50 0.00	34.64 0.34 0.00	34.08 0.33 0.00	36.52 0.40 0.00	35.36 0.54 0.00	35.04 0.59 0.00	23.63 0.63 0.00	25.22 0.83 0.00	32.57 1.07 0.00	31.81 1.04 0.00	22.82 0.73 0.00	22.74 0.81 0.00	22.55 0.78 0.00	22.01 0.59 0.00	22.49 0.47 0.00
EMPIRE_CC_2 323658	19.49 0.57 0.00	18.32 0.57 0.00	19.81 0.58 0.00	19.80 0.54 0.00	18.87 0.54 0.00	18.85 0.51 0.00	20.43 0.44 0.00	21.84 0.44 0.00	30.50 0.43 0.00	34.37 0.50 0.00	34.64 0.34 0.00	34.08 0.33 0.00	36.52 0.40 0.00	35.36 0.54 0.00	35.04 0.59 0.00	23.63 0.63 0.00	25.22 0.83 0.00	32.57 1.07 0.00	31.81 1.04 0.00	22.82 0.73 0.00	22.74 0.81 0.00	22.55 0.78 0.00	22.01 0.59 0.00	22.49 0.47 0.00
ENORWICH_115KV_TB1 80156	19.97 1.06 0.00	18.64 0.89 0.00	20.12 0.89 0.00	20.29 1.03 0.00	19.36 1.02 0.00	19.25 0.90 0.00	21.09 1.10 0.00	22.59 1.20 0.00	31.94 1.88 0.00	36.36 2.49 0.00	37.07 2.76 0.00	36.31 2.56 0.00	38.95 2.83 0.00	37.49 2.67 0.00	37.09 2.63 0.00	24.91 1.91 0.00	26.78 2.39 0.00	34.83 3.33 0.00	33.88 3.11 0.00	24.21 2.12 0.00	23.93 2.00 0.00	23.82 2.05 0.00	23.30 1.88 0.00	23.93 1.91 0.00
ERIE_ST__34_KV_TB1-2 80199	18.33 -0.59 0.00	17.18 -0.57 0.00	18.55 -0.67 0.00	18.69 -0.57 0.00	17.80 -0.53 0.00	17.72 -0.63 0.00	19.31 -0.67 0.00	20.24 -1.16 0.00	28.41 -1.65 0.00	32.21 -1.65 0.00	33.43 -0.88 0.00	33.18 -0.57 0.00	35.80 -0.32 0.00	34.24 -0.59 0.00	33.72 -0.74 0.00	22.59 -0.41 0.00	24.17 -0.23 0.00	30.90 -0.60 0.00	30.15 -0.63 0.00	21.66 -0.43 0.00	21.42 -0.50 0.00	21.47 -0.30 0.00	21.21 -0.20 0.00	22.18 0.16 0.00
ERIE_WT_PWR 323693	18.04 -0.87 0.00	16.92 -0.83 0.00	18.26 -0.97 0.00	18.40 -0.86 0.00	17.55 -0.79 0.00	17.43 -0.92 0.00	19.03 -0.96 0.00	19.92 -1.48 0.00	27.99 -2.07 0.00	31.77 -2.10 0.00	32.99 -1.31 0.00	32.71 -1.04 0.00	35.24 -0.89 0.00	33.67 -1.15 0.00	23.06 -1.29 10.10	21.06 -0.78 1.15	22.05 -0.62 1.73	25.99 -1.08 4.43	29.20 -1.06 0.51	21.37 -0.72 0.00	21.13 -0.79 0.00	21.15 -0.61 0.00	20.92 -0.50 0.00	21.90 -0.12 0.00
ESPRGFLD_115KV_TB1 80157	19.74 0.82 0.00	18.46 0.71 0.00	20.00 0.77 0.00	20.06 0.80 0.00	19.10 0.76 0.00	19.04 0.70 0.00	20.81 0.82 0.00	22.27 0.87 0.00	31.42 1.36 0.00	35.57 1.70 0.00	36.20 1.89 0.00	35.69 1.94 0.00	38.28 2.16 0.00	36.85 2.02 0.00	36.44 1.98 0.00	24.33 1.34 0.00	25.82 1.43 0.00	33.40 1.90 0.00	32.66 1.89 0.00	23.40 1.31 0.00	23.14 1.21 0.00	22.98 1.21 0.00	22.63 1.22 0.00	23.32 1.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.17 0.25 0.00	17.96 0.21 0.00	19.43 0.21 0.00	19.49 0.23 0.00	18.56 0.22 0.00	18.54 0.19 0.00	20.21 0.21 0.00	21.58 0.18 0.00	30.32 0.26 0.00	34.24 0.38 0.00	34.92 0.62 0.00	34.40 0.64 0.00	36.88 0.77 0.00	35.47 0.65 0.00	35.09 0.63 0.00	23.53 0.53 0.00	25.13 0.74 0.00	32.48 0.98 0.00	31.71 0.93 0.00	22.74 0.65 0.00	22.51 0.58 0.00	22.39 0.62 0.00	21.91 0.50 0.00	22.50 0.48 0.00
ETNA____115KV_TB2 80207	19.17 0.25 0.00	17.96 0.21 0.00	19.43 0.21 0.00	19.49 0.23 0.00	18.56 0.22 0.00	18.54 0.19 0.00	20.21 0.21 0.00	21.58 0.18 0.00	30.32 0.26 0.00	34.24 0.38 0.00	34.92 0.62 0.00	34.40 0.64 0.00	36.88 0.77 0.00	35.47 0.65 0.00	35.09 0.63 0.00	23.53 0.53 0.00	25.13 0.74 0.00	32.48 0.98 0.00	31.71 0.93 0.00	22.74 0.65 0.00	22.51 0.58 0.00	22.39 0.62 0.00	21.91 0.50 0.00	22.50 0.48 0.00
EUCLID__115KV_TB2 356179	18.53 -0.39 0.00	17.37 -0.37 0.00	18.80 -0.42 0.00	18.85 -0.41 0.00	17.96 -0.38 0.00	17.93 -0.41 0.00	19.52 -0.47 0.00	20.79 -0.60 0.00	29.20 -0.86 0.00	32.96 -0.91 0.00	33.57 -0.74 0.00	33.10 -0.65 0.00	35.48 -0.64 0.00	34.17 -0.65 0.00	33.77 -0.68 0.00	22.56 -0.44 0.00	24.01 -0.39 0.00	30.98 -0.52 0.00	30.24 -0.54 0.00	21.71 -0.38 0.00	21.52 -0.40 0.00	21.38 -0.39 0.00	20.99 -0.42 0.00	21.58 -0.44 0.00
E_CANADA_CAP_HY 24051	19.84 0.92 0.00	18.57 0.82 0.00	20.11 0.88 0.00	20.17 0.91 0.00	19.18 0.85 0.00	19.12 0.77 0.00	20.90 0.91 0.00	22.35 0.95 0.00	31.52 1.46 0.00	35.63 1.76 0.00	36.20 1.90 0.00	35.71 1.96 0.00	38.33 2.21 0.00	36.89 2.06 0.00	36.48 2.02 0.00	24.35 1.35 0.00	25.80 1.40 0.00	33.36 1.85 0.00	32.66 1.88 0.00	23.38 1.29 0.00	23.13 1.21 0.00	22.96 1.19 0.00	22.65 1.23 0.00	23.35 1.34 0.00
E_CANADA_MHWK_HY 24050	18.98 0.06 0.00	17.81 0.06 0.00	19.22 0.00 0.00	19.19 -0.07 0.00	18.30 -0.04 0.00	18.28 -0.06 0.00	19.83 -0.16 0.00	21.22 -0.17 0.00	29.68 -0.38 0.00	33.54 -0.32 0.00	33.96 -0.35 0.00	33.35 -0.40 0.00	35.84 -0.28 0.00	34.75 -0.08 0.00	34.40 -0.05 0.00	23.21 0.21 0.00	24.87 0.47 0.00	32.23 0.73 0.00	31.45 0.67 0.00	22.52 0.43 0.00	22.36 0.43 0.00	22.17 0.41 0.00	21.55 0.13 0.00	21.98 -0.04 0.00
E_FISHKILL__LBMP 23776	19.81 0.89 0.00	18.59 0.84 0.00	20.08 0.86 0.00	20.07 0.81 0.00	19.10 0.77 0.00	19.08 0.74 0.00	20.73 0.74 0.00	22.13 0.74 0.00	30.98 0.92 0.00	35.00 1.13 0.00	35.44 1.14 0.00	34.86 1.11 0.00	37.37 1.25 0.00	36.12 1.30 0.00	35.79 1.33 0.00	24.13 1.13 0.00	25.77 1.38 0.00	33.29 1.79 0.00	32.49 1.71 0.00	23.33 1.24 0.00	23.15 1.23 0.00	22.97 1.20 0.00	22.43 1.01 0.00	22.89 0.88 0.00
FALCON__SEABRD_CC1 323796	18.83 -0.10 0.00	17.62 -0.13 0.00	19.15 -0.08 0.00	19.26 0.00 0.00	18.31 -0.02 0.00	18.15 -0.19 0.00	20.06 0.07 0.00	21.63 0.23 0.00	30.53 0.46 0.00	34.22 0.35 0.00	34.58 0.27 0.00	34.00 0.25 0.00	36.45 0.33 0.00	35.20 0.38 0.00	34.88 0.42 0.00	23.20 0.20 0.00	24.48 0.08 0.00	31.79 0.28 0.00	31.16 0.39 0.00	22.29 0.20 0.00	22.11 0.18 0.00	22.00 0.23 0.00	21.73 0.31 0.00	22.48 0.46 0.00
FALCON__SEABRD_CC2 323797	18.83 -0.10 0.00	17.62 -0.13 0.00	19.15 -0.08 0.00	19.26 0.00 0.00	18.31 -0.02 0.00	18.15 -0.19 0.00	20.06 0.07 0.00	21.63 0.23 0.00	30.53 0.46 0.00	34.22 0.35 0.00	34.58 0.27 0.00	34.00 0.25 0.00	36.45 0.33 0.00	35.20 0.38 0.00	34.88 0.42 0.00	23.20 0.20 0.00	24.48 0.08 0.00	31.79 0.28 0.00	31.16 0.39 0.00	22.29 0.20 0.00	22.11 0.18 0.00	22.00 0.23 0.00	21.73 0.31 0.00	22.48 0.46 0.00

FAR ROCKAWAY___4 23548	20.35 1.43 0.00	19.11 1.36 0.00	20.58 1.36 0.00	20.55 1.29 0.00	19.53 1.20 0.00	19.54 1.19 0.00	21.16 1.17 0.00	22.54 1.14 0.00	31.61 1.55 0.00	35.77 1.91 0.00	36.47 2.16 0.00	35.92 2.17 0.00	38.48 2.37 0.00	37.17 2.35 0.00	37.46 2.38 -0.63	24.92 1.92 0.00	26.67 2.28 0.00	34.34 2.84 0.00	33.19 2.41 0.00	23.87 1.78 0.00	23.70 1.77 0.00	23.55 1.78 0.00	23.01 1.60 0.00	23.52 1.50 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.04 1.12 0.00	18.81 1.06 0.00	20.27 1.04 0.00	20.23 0.97 0.00	19.25 0.92 0.00	19.24 0.89 0.00	20.89 0.90 0.00	22.28 0.89 0.00	31.22 1.16 0.00	35.33 1.47 0.00	35.78 1.48 0.00	35.15 1.40 0.00	37.66 1.55 0.00	36.40 1.57 0.00	36.10 1.64 0.00	24.41 1.41 0.00	26.06 1.66 0.00	33.55 2.05 0.00	32.78 2.01 0.00	23.60 1.52 0.00	23.41 1.48 0.00	23.21 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.05 1.13 0.00	18.82 1.07 0.00	20.27 1.05 0.00	20.24 0.98 0.00	19.26 0.92 0.00	19.25 0.90 0.00	20.90 0.91 0.00	22.29 0.90 0.00	31.23 1.17 0.00	35.35 1.49 0.00	35.80 1.49 0.00	35.17 1.42 0.00	37.69 1.57 0.00	36.42 1.59 0.00	36.12 1.67 0.00	24.42 1.43 0.00	26.07 1.68 0.00	33.57 2.07 0.00	32.80 2.03 0.00	23.62 1.53 0.00	23.42 1.50 0.00	23.23 1.46 0.00	22.67 1.26 0.00	23.11 1.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.03 1.11 0.00	18.80 1.06 0.00	20.25 1.03 0.00	20.22 0.96 0.00	19.25 0.91 0.00	19.23 0.88 0.00	20.88 0.89 0.00	22.27 0.88 0.00	31.20 1.14 0.00	35.32 1.45 0.00	35.76 1.46 0.00	35.13 1.38 0.00	37.63 1.52 0.00	36.38 1.56 0.00	36.07 1.62 0.00	24.40 1.40 0.00	26.04 1.65 0.00	33.54 2.04 0.00	32.76 1.99 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.20 1.43 0.00	22.65 1.23 0.00	23.09 1.07 0.00
FARRAGUT___LBMP 323566	20.02 1.10 0.00	18.79 1.05 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.29 1.43 0.00	35.74 1.43 0.00	35.11 1.36 0.00	37.61 1.50 0.00	36.35 1.52 0.00	36.06 1.60 0.00	24.38 1.38 0.00	26.02 1.63 0.00	33.51 2.01 0.00	32.74 1.96 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.63 1.22 0.00	23.07 1.05 0.00
FENNER___WINDPWR 24204	19.08 0.16 0.00	17.89 0.14 0.00	19.38 0.15 0.00	19.45 0.19 0.00	18.52 0.18 0.00	18.50 0.15 0.00	20.16 0.17 0.00	21.60 0.21 0.00	30.38 0.31 0.00	34.25 0.39 0.00	34.85 0.54 0.00	34.31 0.56 0.00	36.76 0.64 0.00	35.43 0.61 0.00	35.07 0.61 0.00	23.47 0.47 0.00	25.06 0.66 0.00	32.41 0.91 0.00	31.61 0.84 0.00	22.66 0.57 0.00	22.45 0.52 0.00	22.30 0.53 0.00	21.87 0.45 0.00	22.44 0.42 0.00
FIBERTEK___ENERGY 23856	18.75 -0.17 0.00	17.58 -0.17 0.00	19.03 -0.19 0.00	19.08 -0.18 0.00	18.17 -0.16 0.00	18.15 -0.19 0.00	19.76 -0.23 0.00	21.07 -0.32 0.00	29.59 -0.47 0.00	33.39 -0.48 0.00	34.01 -0.29 0.00	33.55 -0.20 0.00	35.97 -0.15 0.00	34.64 -0.19 0.00	34.22 -0.23 0.00	22.88 -0.12 0.00	24.36 -0.04 0.00	31.45 -0.05 0.00	30.70 -0.08 0.00	22.03 -0.07 0.00	21.83 -0.09 0.00	21.69 -0.08 0.00	21.27 -0.15 0.00	21.87 -0.15 0.00
FITZPATRICK___ 23598	18.33 -0.58 0.00	17.20 -0.55 0.00	18.62 -0.61 0.00	18.66 -0.60 0.00	17.77 -0.56 0.00	17.76 -0.59 0.00	19.32 -0.67 0.00	20.60 -0.79 0.00	28.91 -1.15 0.00	32.62 -1.24 0.00	33.18 -1.13 0.00	32.69 -1.06 0.00	35.03 -1.09 0.00	33.74 -1.08 0.00	33.35 -1.11 0.00	22.25 -0.74 0.00	23.64 -0.75 0.00	30.51 -0.99 0.00	29.80 -0.98 0.00	21.40 -0.69 0.00	21.22 -0.71 0.00	21.08 -0.69 0.00	20.71 -0.70 0.00	21.29 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	20.33 1.41 0.00	19.13 1.38 0.00	20.59 1.36 0.00	20.56 1.30 0.00	19.52 1.19 0.00	19.56 1.21 0.00	21.15 1.16 0.00	22.54 1.15 0.00	31.63 1.57 0.00	35.66 1.80 0.00	36.38 2.08 0.00	35.88 2.13 0.00	38.37 2.25 0.00	37.08 2.26 0.00	37.53 2.44 -0.63	24.92 1.92 0.00	26.76 2.36 0.00	34.49 2.98 0.00	33.32 2.54 0.00	23.81 1.72 0.00	23.61 1.69 0.00	23.46 1.69 0.00	22.90 1.49 0.00	23.41 1.39 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.01 1.10 0.00	18.77 1.02 0.00	20.28 1.05 0.00	20.27 1.01 0.00	19.29 0.96 0.00	19.28 0.93 0.00	20.96 0.97 0.00	22.39 0.99 0.00	31.35 1.28 0.00	35.42 1.56 0.00	35.89 1.58 0.00	35.31 1.56 0.00	37.88 1.76 0.00	36.58 1.76 0.00	36.23 1.78 0.00	24.41 1.41 0.00	26.12 1.72 0.00	33.76 2.26 0.00	32.95 2.18 0.00	23.64 1.55 0.00	23.45 1.52 0.00	23.26 1.49 0.00	22.71 1.30 0.00	23.19 1.17 0.00
FORT ORANGE___ 23900	19.46 0.55 0.00	18.29 0.54 0.00	19.78 0.56 0.00	19.78 0.52 0.00	18.84 0.51 0.00	18.84 0.49 0.00	20.45 0.46 0.00	21.89 0.49 0.00	30.60 0.53 0.00	34.51 0.65 0.00	34.87 0.56 0.00	34.32 0.57 0.00	36.76 0.64 0.00	35.45 0.62 0.00	35.01 0.56 0.00	23.56 0.56 0.00	25.17 0.78 0.00	32.57 1.07 0.00	31.78 1.01 0.00	22.78 0.68 0.00	22.64 0.72 0.00	22.44 0.67 0.00	21.91 0.50 0.00	22.39 0.37 0.00
FORT_DRUM_COGEN 23780	18.24 -0.67 0.00	17.11 -0.64 0.00	18.70 -0.53 0.00	18.79 -0.47 0.00	17.85 -0.49 0.00	17.70 -0.65 0.00	19.22 -0.78 0.00	20.96 -0.43 0.00	29.62 -0.45 0.00	32.92 -0.95 0.00	33.46 -0.85 0.00	33.11 -0.64 0.00	35.40 -0.73 0.00	34.20 -0.62 0.00	34.11 -0.35 0.00	22.84 -0.16 0.00	24.43 0.04 0.00	31.90 0.40 0.00	31.11 0.34 0.00	22.25 0.16 0.00	22.00 0.07 0.00	21.81 0.04 0.00	21.38 -0.03 0.00	21.99 -0.03 0.00
FOX_HILLS___ESR 323835	20.08 1.16 0.00	18.84 1.10 0.00	20.36 1.14 0.00	20.31 1.05 0.00	19.27 0.94 0.00	19.26 0.91 0.00	20.92 0.93 0.00	22.32 0.93 0.00	31.32 1.26 0.00	35.41 1.55 0.00	35.83 1.52 0.00	35.20 1.45 0.00	37.72 1.60 0.00	36.46 1.63 0.00	36.18 1.73 0.00	24.43 1.43 0.00	26.10 1.70 0.00	33.61 2.11 0.00	32.87 2.09 0.00	23.68 1.59 0.00	23.48 1.55 0.00	23.29 1.52 0.00	22.73 1.31 0.00	23.16 1.14 0.00
FPL_FAR_ROCK_GT1 24212	20.35 1.43 0.00	19.11 1.36 0.00	20.58 1.35 0.00	20.55 1.29 0.00	19.53 1.20 0.00	19.54 1.20 0.00	21.16 1.17 0.00	22.53 1.14 0.00	31.61 1.55 0.00	35.77 1.91 0.00	36.47 2.17 0.00	35.93 2.18 0.00	38.50 2.37 0.00	37.17 2.34 0.00	37.48 2.39 -0.63	24.92 1.92 0.00	26.67 2.28 0.00	34.34 2.84 0.00	33.19 2.41 0.00	23.87 1.78 0.00	23.70 1.78 0.00	23.55 1.78 0.00	23.01 1.60 0.00	23.52 1.50 0.00
FPL_FAR_ROCK_GT2 23815	20.35 1.43 0.00	19.11 1.36 0.00	20.58 1.35 0.00	20.55 1.29 0.00	19.53 1.20 0.00	19.54 1.20 0.00	21.16 1.17 0.00	22.53 1.14 0.00	31.61 1.55 0.00	35.77 1.91 0.00	36.47 2.17 0.00	35.93 2.18 0.00	38.50 2.37 0.00	37.17 2.34 0.00	37.48 2.39 -0.63	24.92 1.92 0.00	26.67 2.28 0.00	34.34 2.84 0.00	33.19 2.41 0.00	23.87 1.78 0.00	23.70 1.78 0.00	23.55 1.78 0.00	23.01 1.60 0.00	23.52 1.50 0.00

FRANKLIN_FALL_HYD 24054	18.78 -0.14 0.00	17.58 -0.17 0.00	19.12 -0.11 0.00	19.24 -0.02 0.00	18.28 -0.05 0.00	18.23 -0.12 0.00	20.03 0.04 0.00	21.66 0.27 0.00	30.61 0.55 0.00	34.39 0.52 0.00	34.72 0.42 0.00	34.12 0.37 0.00	36.50 0.38 0.00	35.19 0.37 0.00	34.84 0.38 0.00	23.15 0.15 0.00	24.36 -0.04 0.00	31.62 0.11 0.00	30.98 0.20 0.00	22.17 0.09 0.00	22.01 0.08 0.00	21.87 0.10 0.00	21.66 0.24 0.00	22.41 0.39 0.00
FREEPORT_EQUS_GT1 23764	20.24 1.32 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.44 1.19 0.00	19.43 1.09 0.00	19.45 1.10 0.00	21.04 1.05 0.00	22.42 1.03 0.00	31.45 1.39 0.00	35.56 1.69 0.00	36.23 1.93 0.00	35.70 1.95 0.00	38.23 2.11 0.00	36.91 2.09 0.00	37.28 2.19 -0.63	24.77 1.77 0.00	26.50 2.11 0.00	34.16 2.65 0.00	33.10 2.32 0.00	23.70 1.61 0.00	23.55 1.62 0.00	23.39 1.62 0.00	22.86 1.45 0.00	23.36 1.34 0.00
FREEPORT___CT2 23818	20.24 1.32 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.44 1.19 0.00	19.43 1.09 0.00	19.45 1.10 0.00	21.04 1.05 0.00	22.42 1.03 0.00	31.45 1.39 0.00	35.56 1.69 0.00	36.23 1.93 0.00	35.70 1.95 0.00	38.23 2.11 0.00	36.91 2.09 0.00	37.28 2.19 -0.63	24.77 1.77 0.00	26.50 2.11 0.00	34.16 2.65 0.00	33.10 2.32 0.00	23.70 1.61 0.00	23.55 1.62 0.00	23.39 1.62 0.00	22.86 1.45 0.00	23.36 1.34 0.00
FRESHKLS_33_KV_LOAD 356253	20.06 1.14 0.00	18.83 1.08 0.00	20.34 1.12 0.00	20.29 1.03 0.00	19.26 0.92 0.00	19.24 0.90 0.00	20.91 0.92 0.00	22.32 0.92 0.00	31.30 1.24 0.00	35.38 1.51 0.00	35.79 1.48 0.00	35.15 1.40 0.00	37.67 1.55 0.00	36.40 1.58 0.00	36.12 1.66 0.00	24.38 1.38 0.00	26.04 1.64 0.00	33.56 2.05 0.00	32.83 2.06 0.00	23.66 1.57 0.00	23.47 1.54 0.00	23.28 1.51 0.00	22.71 1.30 0.00	23.15 1.13 0.00
FULTON COGEN____ 23766	18.48 -0.44 0.00	17.32 -0.43 0.00	18.74 -0.48 0.00	18.79 -0.47 0.00	17.90 -0.43 0.00	17.88 -0.47 0.00	19.46 -0.53 0.00	20.74 -0.65 0.00	29.14 -0.93 0.00	32.88 -0.98 0.00	33.50 -0.81 0.00	33.01 -0.74 0.00	35.38 -0.74 0.00	34.09 -0.73 0.00	33.69 -0.77 0.00	22.50 -0.50 0.00	23.94 -0.45 0.00	30.91 -0.59 0.00	30.18 -0.60 0.00	21.66 -0.43 0.00	21.46 -0.47 0.00	21.31 -0.45 0.00	20.92 -0.49 0.00	21.51 -0.51 0.00
FULTON___LFGE 323630	20.63 1.71 0.00	19.27 1.52 0.00	20.84 1.62 0.00	20.90 1.64 0.00	19.91 1.57 0.00	19.89 1.54 0.00	21.74 1.75 0.00	23.30 1.90 0.00	32.82 2.76 0.00	37.15 3.28 0.00	37.62 3.32 0.00	37.11 3.36 0.00	39.89 3.78 0.00	38.36 3.54 0.00	38.07 3.61 0.00	25.52 2.52 0.00	27.25 2.86 0.00	35.50 4.00 0.00	34.56 3.79 0.00	24.67 2.58 0.00	24.37 2.45 0.00	24.16 2.40 0.00	23.71 2.29 0.00	24.31 2.29 0.00
G.F.CEMENT___DRP 24184	19.71 0.79 0.00	18.51 0.76 0.00	20.03 0.80 0.00	20.02 0.76 0.00	19.09 0.76 0.00	19.08 0.74 0.00	20.78 0.79 0.00	22.24 0.85 0.00	31.12 1.06 0.00	35.12 1.26 0.00	35.43 1.12 0.00	34.95 1.20 0.00	37.48 1.36 0.00	36.32 1.50 0.00	36.15 1.69 0.00	24.39 1.40 0.00	26.09 1.70 0.00	33.70 2.19 0.00	32.96 2.19 0.00	23.55 1.46 0.00	23.31 1.39 0.00	23.17 1.40 0.00	22.51 1.09 0.00	22.97 0.95 0.00
GARDENVILLE___LBMP 24039	17.98 -0.94 0.00	16.86 -0.89 0.00	18.20 -1.03 0.00	18.34 -0.92 0.00	17.49 -0.84 0.00	17.39 -0.96 0.00	18.96 -1.04 0.00	19.83 -1.56 0.00	27.89 -2.17 0.00	31.65 -2.22 0.00	32.85 -1.46 0.00	32.59 -1.16 0.00	35.10 -1.02 0.00	33.54 -1.28 0.00	33.03 -1.43 0.00	22.13 -0.87 0.00	23.68 -0.71 0.00	30.30 -1.20 0.00	29.59 -1.18 0.00	21.28 -0.81 0.00	21.04 -0.88 0.00	21.07 -0.69 0.00	20.83 -0.59 0.00	21.82 -0.20 0.00
GARDNVLA_35_KV_LD 355827	18.06 -0.86 0.00	16.93 -0.82 0.00	18.28 -0.95 0.00	18.41 -0.84 0.00	17.56 -0.78 0.00	17.46 -0.89 0.00	19.03 -0.96 0.00	19.92 -1.48 0.00	28.02 -2.04 0.00	31.80 -2.06 0.00	33.03 -1.28 0.00	32.76 -0.99 0.00	35.29 -0.83 0.00	33.71 -1.11 0.00	33.19 -1.27 0.00	22.24 -0.76 0.00	23.80 -0.59 0.00	30.45 -1.05 0.00	29.75 -1.02 0.00	21.39 -0.70 0.00	21.16 -0.77 0.00	21.17 -0.59 0.00	20.93 -0.49 0.00	21.92 -0.10 0.00
GELCKHM___115KV_LOAD 80723	18.61 -0.30 0.00	17.45 -0.30 0.00	18.89 -0.33 0.00	18.94 -0.32 0.00	18.04 -0.29 0.00	18.02 -0.33 0.00	19.61 -0.38 0.00	20.90 -0.49 0.00	29.35 -0.71 0.00	33.12 -0.75 0.00	33.74 -0.57 0.00	33.27 -0.49 0.00	35.67 -0.45 0.00	34.35 -0.48 0.00	33.94 -0.52 0.00	22.68 -0.32 0.00	24.14 -0.26 0.00	31.16 -0.34 0.00	30.42 -0.36 0.00	21.83 -0.26 0.00	21.63 -0.29 0.00	21.50 -0.27 0.00	21.09 -0.32 0.00	21.69 -0.32 0.00
GENERAL___MILLS 23808	18.04 -0.88 0.00	16.92 -0.83 0.00	18.26 -0.97 0.00	18.40 -0.86 0.00	17.54 -0.79 0.00	17.45 -0.90 0.00	19.01 -0.98 0.00	19.89 -1.50 0.00	27.98 -2.08 0.00	31.75 -2.11 0.00	32.97 -1.33 0.00	32.71 -1.04 0.00	35.23 -0.89 0.00	33.66 -1.17 0.00	33.15 -1.31 0.00	22.21 -0.79 0.00	23.77 -0.62 0.00	30.40 -1.10 0.00	29.70 -1.08 0.00	21.35 -0.74 0.00	21.12 -0.81 0.00	21.15 -0.62 0.00	20.90 -0.51 0.00	21.89 -0.13 0.00
GE_PLASTICS___DRP 24183	19.40 0.48 0.00	18.23 0.48 0.00	19.72 0.50 0.00	19.73 0.46 0.00	18.79 0.45 0.00	18.77 0.43 0.00	20.39 0.40 0.00	21.80 0.40 0.00	30.50 0.44 0.00	34.40 0.53 0.00	34.77 0.47 0.00	34.22 0.47 0.00	36.65 0.53 0.00	35.37 0.55 0.00	34.97 0.52 0.00	23.51 0.51 0.00	25.09 0.69 0.00	32.43 0.93 0.00	31.66 0.88 0.00	22.70 0.61 0.00	22.56 0.63 0.00	22.38 0.61 0.00	21.87 0.46 0.00	22.37 0.35 0.00
GILBOA___1 23756	19.42 0.50 0.00	18.23 0.48 0.00	19.78 0.56 0.00	19.79 0.53 0.00	18.84 0.51 0.00	18.81 0.46 0.00	20.39 0.40 0.00	21.79 0.40 0.00	30.52 0.46 0.00	34.44 0.58 0.00	34.88 0.58 0.00	34.33 0.58 0.00	36.78 0.66 0.00	35.52 0.70 0.00	35.16 0.70 0.00	23.63 0.63 0.00	25.20 0.80 0.00	32.55 1.05 0.00	31.79 1.01 0.00	22.81 0.72 0.00	22.65 0.72 0.00	22.48 0.71 0.00	21.99 0.58 0.00	22.51 0.49 0.00
GILBOA___2 23757	19.42 0.50 0.00	18.23 0.48 0.00	19.78 0.56 0.00	19.79 0.53 0.00	18.84 0.51 0.00	18.81 0.46 0.00	20.39 0.40 0.00	21.79 0.40 0.00	30.52 0.46 0.00	34.44 0.58 0.00	34.88 0.58 0.00	34.33 0.58 0.00	36.78 0.66 0.00	35.52 0.70 0.00	35.16 0.70 0.00	23.63 0.63 0.00	25.20 0.80 0.00	32.55 1.05 0.00	31.79 1.01 0.00	22.81 0.72 0.00	22.65 0.72 0.00	22.48 0.71 0.00	21.99 0.58 0.00	22.51 0.49 0.00
GILBOA___3 23758	19.42 0.50 0.00	18.23 0.48 0.00	19.78 0.56 0.00	19.79 0.53 0.00	18.84 0.51 0.00	18.81 0.46 0.00	20.39 0.40 0.00	21.79 0.40 0.00	30.52 0.46 0.00	34.44 0.58 0.00	34.88 0.58 0.00	34.33 0.58 0.00	36.78 0.66 0.00	35.52 0.70 0.00	35.16 0.70 0.00	23.63 0.63 0.00	25.20 0.80 0.00	32.55 1.05 0.00	31.79 1.01 0.00	22.81 0.72 0.00	22.65 0.72 0.00	22.48 0.71 0.00	21.99 0.58 0.00	22.51 0.49 0.00

GILBOA___4 23759	19.42 0.50 0.00	18.23 0.48 0.00	19.78 0.56 0.00	19.79 0.53 0.00	18.84 0.51 0.00	18.81 0.46 0.00	20.39 0.40 0.00	21.79 0.40 0.00	30.52 0.46 0.00	34.44 0.58 0.00	34.88 0.58 0.00	34.33 0.58 0.00	36.78 0.66 0.00	35.52 0.70 0.00	35.16 0.70 0.00	23.63 0.63 0.00	25.20 0.80 0.00	32.55 1.05 0.00	31.79 1.01 0.00	22.81 0.72 0.00	22.65 0.72 0.00	22.48 0.71 0.00	21.99 0.58 0.00	22.51 0.49 0.00
GILBOA____ 23599	19.41 0.50 0.00	18.23 0.48 0.00	19.78 0.56 0.00	19.79 0.53 0.00	18.84 0.51 0.00	18.80 0.46 0.00	20.39 0.40 0.00	21.79 0.40 0.00	30.52 0.46 0.00	34.44 0.58 0.00	34.88 0.57 0.00	34.33 0.58 0.00	36.78 0.66 0.00	35.52 0.70 0.00	35.16 0.70 0.00	23.63 0.63 0.00	25.20 0.80 0.00	32.55 1.05 0.00	31.79 1.01 0.00	22.82 0.73 0.00	22.65 0.72 0.00	22.48 0.71 0.00	21.99 0.58 0.00	22.51 0.49 0.00
GINNA____ 23603	17.46 -1.46 0.00	16.40 -1.35 0.00	17.70 -1.52 0.00	17.79 -1.47 0.00	16.96 -1.37 0.00	16.92 -1.43 0.00	18.44 -1.55 0.00	19.53 -1.86 0.00	27.47 -2.59 0.00	31.12 -2.75 0.00	31.94 -2.37 0.00	31.57 -2.18 0.00	33.91 -2.21 0.00	32.58 -2.25 0.00	28.75 -2.32 3.39	21.11 -1.50 0.39	22.37 -1.44 0.58	28.06 -1.95 1.49	28.67 -1.94 0.17	20.67 -1.42 0.00	20.46 -1.46 0.00	20.36 -1.40 0.00	20.03 -1.38 0.00	20.75 -1.26 0.00
GLEN PARK____ 23778	18.30 -0.62 0.00	17.16 -0.59 0.00	18.75 -0.48 0.00	18.83 -0.43 0.00	17.89 -0.44 0.00	17.75 -0.59 0.00	19.28 -0.71 0.00	21.02 -0.38 0.00	29.69 -0.37 0.00	33.03 -0.84 0.00	33.57 -0.74 0.00	33.21 -0.54 0.00	35.51 -0.62 0.00	34.32 -0.50 0.00	34.23 -0.23 0.00	22.93 -0.07 0.00	24.54 0.15 0.00	32.05 0.55 0.00	31.26 0.49 0.00	22.35 0.26 0.00	22.09 0.16 0.00	21.90 0.13 0.00	21.44 0.03 0.00	22.05 0.03 0.00
GLENDALE_27_KV_LOAD 356172	20.13 1.21 0.00	18.90 1.15 0.00	20.42 1.19 0.00	20.37 1.10 0.00	19.32 0.98 0.00	19.30 0.96 0.00	20.96 0.97 0.00	22.35 0.96 0.00	31.36 1.30 0.00	35.49 1.62 0.00	35.94 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.59 1.76 0.00	36.29 1.84 0.00	24.53 1.53 0.00	26.20 1.81 0.00	33.74 2.24 0.00	32.96 2.19 0.00	23.72 1.63 0.00	23.51 1.59 0.00	23.31 1.55 0.00	22.75 1.33 0.00	23.19 1.17 0.00
GLENWOOD_IC_1_G5 23712	20.24 1.32 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.45 1.19 0.00	19.44 1.11 0.00	19.45 1.11 0.00	21.06 1.07 0.00	22.44 1.05 0.00	31.47 1.41 0.00	35.60 1.74 0.00	36.24 1.93 0.00	35.69 1.94 0.00	38.24 2.12 0.00	36.92 2.10 0.00	37.28 2.19 -0.63	24.76 1.76 0.00	26.50 2.11 0.00	34.14 2.64 0.00	33.13 2.35 0.00	23.74 1.65 0.00	23.57 1.64 0.00	23.41 1.65 0.00	22.88 1.46 0.00	23.37 1.35 0.00
GLENWOOD_IC_2_G1 23688	20.19 1.27 0.00	18.97 1.22 0.00	20.44 1.22 0.00	20.41 1.15 0.00	19.40 1.07 0.00	19.41 1.07 0.00	21.02 1.03 0.00	22.40 1.01 0.00	31.40 1.35 0.00	35.52 1.65 0.00	36.14 1.83 0.00	35.59 1.84 0.00	38.13 2.02 0.00	36.82 2.00 0.00	37.18 2.09 -0.63	24.69 1.69 0.00	26.42 2.03 0.00	34.04 2.54 0.00	33.03 2.25 0.00	23.69 1.60 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.82 1.41 0.00	23.31 1.29 0.00
GLENWOOD_IC_3_G1 23689	20.19 1.27 0.00	18.97 1.22 0.00	20.44 1.22 0.00	20.41 1.15 0.00	19.40 1.07 0.00	19.41 1.07 0.00	21.02 1.03 0.00	22.40 1.01 0.00	31.40 1.35 0.00	35.52 1.65 0.00	36.14 1.83 0.00	35.59 1.84 0.00	38.13 2.02 0.00	36.82 2.00 0.00	37.18 2.09 -0.63	24.69 1.69 0.00	26.42 2.03 0.00	34.04 2.54 0.00	33.03 2.25 0.00	23.69 1.60 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.82 1.41 0.00	23.31 1.29 0.00
GLENWOOD___4 23550	20.24 1.32 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.45 1.19 0.00	19.44 1.11 0.00	19.45 1.11 0.00	21.06 1.07 0.00	22.44 1.05 0.00	31.47 1.41 0.00	35.60 1.74 0.00	36.24 1.93 0.00	35.69 1.94 0.00	38.24 2.12 0.00	36.92 2.10 0.00	37.28 2.19 -0.63	24.76 1.76 0.00	26.50 2.11 0.00	34.14 2.64 0.00	33.13 2.35 0.00	23.74 1.65 0.00	23.57 1.64 0.00	23.41 1.65 0.00	22.88 1.46 0.00	23.37 1.35 0.00
GLENWOOD___5 23614	20.24 1.32 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.45 1.19 0.00	19.44 1.11 0.00	19.45 1.11 0.00	21.06 1.07 0.00	22.44 1.05 0.00	31.47 1.41 0.00	35.60 1.74 0.00	36.24 1.93 0.00	35.69 1.94 0.00	38.24 2.12 0.00	36.92 2.10 0.00	37.28 2.19 -0.63	24.76 1.76 0.00	26.50 2.11 0.00	34.14 2.64 0.00	33.13 2.35 0.00	23.74 1.65 0.00	23.57 1.64 0.00	23.41 1.65 0.00	22.88 1.46 0.00	23.37 1.35 0.00
GLOBAL GREEN_PORT_GT1 23814	20.58 1.66 0.00	19.39 1.64 0.00	20.82 1.59 0.00	20.78 1.52 0.00	19.79 1.45 0.00	19.93 1.58 0.00	21.56 1.57 0.00	22.93 1.54 0.00	32.27 2.20 0.00	36.32 2.46 0.00	37.18 2.87 0.00	36.51 2.76 0.00	39.13 3.01 0.00	37.85 3.02 0.00	38.32 3.23 -0.63	25.44 2.44 0.00	27.39 2.99 0.00	35.28 3.78 0.00	33.99 3.21 0.00	24.28 2.19 0.00	24.04 2.11 0.00	23.84 2.08 0.00	23.25 1.84 0.00	23.80 1.78 0.00
GLOBE___DSASP 323697	17.33 -1.60 0.00	16.30 -1.45 0.00	17.55 -1.67 0.00	17.72 -1.54 0.00	16.91 -1.43 0.00	16.78 -1.57 0.00	18.26 -1.73 0.00	18.97 -2.42 0.00	26.63 -3.43 0.00	30.26 -3.60 0.00	31.45 -2.85 0.00	31.19 -2.56 0.00	33.54 -2.58 0.00	32.02 -2.80 0.00	31.60 -2.86 0.00	21.17 -1.83 0.00	22.65 -1.74 0.00	29.04 -2.46 0.00	28.30 -2.47 0.00	20.32 -1.77 0.00	20.12 -1.80 0.00	20.12 -1.65 0.00	19.94 -1.47 0.00	21.03 -0.98 0.00
GOETHSLN___LBMP 323567	19.96 1.04 0.00	18.74 0.99 0.00	20.18 0.96 0.00	20.15 0.89 0.00	19.17 0.84 0.00	19.16 0.81 0.00	20.80 0.82 0.00	22.19 0.80 0.00	31.10 1.04 0.00	35.19 1.33 0.00	35.60 1.29 0.00	34.98 1.22 0.00	37.48 1.36 0.00	36.23 1.40 0.00	35.91 1.45 0.00	24.28 1.29 0.00	25.90 1.51 0.00	33.36 1.86 0.00	32.59 1.81 0.00	23.48 1.39 0.00	23.28 1.36 0.00	23.09 1.32 0.00	22.55 1.13 0.00	22.98 0.96 0.00
GOLAH___69_KV_TB 1_2 80279	18.27 -0.65 0.00	17.15 -0.60 0.00	18.51 -0.71 0.00	18.63 -0.64 0.00	17.76 -0.57 0.00	17.69 -0.66 0.00	19.29 -0.70 0.00	20.33 -1.07 0.00	28.61 -1.45 0.00	32.44 -1.42 0.00	33.44 -0.87 0.00	33.09 -0.66 0.00	35.56 -0.56 0.00	34.10 -0.72 0.00	33.62 -0.84 0.00	22.49 -0.51 0.00	24.04 -0.35 0.00	30.91 -0.59 0.00	30.19 -0.59 0.00	21.65 -0.44 0.00	21.43 -0.50 0.00	21.37 -0.40 0.00	21.06 -0.36 0.00	21.91 -0.11 0.00
GOODYEAR_LAKE_HYD 323669	19.62 0.70 0.00	18.37 0.62 0.00	19.91 0.68 0.00	19.93 0.67 0.00	18.98 0.65 0.00	18.94 0.60 0.00	20.65 0.66 0.00	22.09 0.70 0.00	31.08 1.02 0.00	35.18 1.31 0.00	35.77 1.47 0.00	35.23 1.48 0.00	37.77 1.65 0.00	36.40 1.58 0.00	36.00 1.55 0.00	24.12 1.12 0.00	25.68 1.28 0.00	33.22 1.71 0.00	32.43 1.65 0.00	23.25 1.16 0.00	23.02 1.09 0.00	22.87 1.10 0.00	22.43 1.02 0.00	23.04 1.02 0.00

GOUDEY___1 345031	18.99 0.07 0.00	17.77 0.02 0.00	19.26 0.04 0.00	19.30 0.04 0.00	18.36 0.02 0.00	18.34 -0.01 0.00	19.97 -0.02 0.00	21.29 -0.10 0.00	29.88 -0.18 0.00	33.72 -0.15 0.00	34.42 0.12 0.00	33.92 0.17 0.00	36.40 0.28 0.00	35.00 0.18 0.00	34.57 0.11 0.00	23.19 0.20 0.00	24.78 0.38 0.00	31.95 0.45 0.00	31.18 0.40 0.00	22.42 0.33 0.00	22.20 0.28 0.00	22.14 0.37 0.00	21.68 0.26 0.00	22.25 0.23 0.00
GOUDEY___7 23579	19.00 0.08 0.00	17.79 0.04 0.00	19.27 0.05 0.00	19.31 0.05 0.00	18.38 0.04 0.00	18.35 0.01 0.00	19.98 -0.01 0.00	21.31 -0.09 0.00	29.90 -0.17 0.00	33.75 -0.11 0.00	34.45 0.15 0.00	33.94 0.19 0.00	36.43 0.31 0.00	35.04 0.21 0.00	34.59 0.14 0.00	23.22 0.22 0.00	24.79 0.40 0.00	31.98 0.48 0.00	31.21 0.43 0.00	22.44 0.35 0.00	22.22 0.30 0.00	22.16 0.39 0.00	21.70 0.28 0.00	22.27 0.25 0.00
GOUDEY___8 23580	18.99 0.07 0.00	17.77 0.02 0.00	19.26 0.04 0.00	19.30 0.04 0.00	18.36 0.02 0.00	18.34 -0.01 0.00	19.97 -0.02 0.00	21.29 -0.10 0.00	29.88 -0.18 0.00	33.72 -0.15 0.00	34.42 0.12 0.00	33.92 0.17 0.00	36.40 0.28 0.00	35.00 0.18 0.00	34.57 0.11 0.00	23.19 0.20 0.00	24.78 0.38 0.00	31.95 0.45 0.00	31.18 0.40 0.00	22.42 0.33 0.00	22.20 0.28 0.00	22.14 0.37 0.00	21.68 0.26 0.00	22.25 0.23 0.00
GOWANUS_GT1_1 24077	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT1_2 24078	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT1_3 24079	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT1_4 24080	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT1_5 24084	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 														

GOWANUS_GT2_5 24118	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT2_6 24119	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT2_7 24120	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT2_8 24121	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_1 24122	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_2 24123	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_3 24124	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_4 24125	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_5 24126	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_6 24127	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_7 24128	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT3_8 24129	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.41 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.31 <u>0.96</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.96</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.74</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.72 <u>2.22</u> 0.00	32.96 <u>2.18</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.22 <u>1.20</u> 0.00
GOWANUS_GT4_1 24130	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.40 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.30 <u>0.95</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.97</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.75</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.73 <u>2.23</u> 0.00	32.96 <u>2.19</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.21 <u>1.20</u> 0.00
GOWANUS_GT4_2 24131	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.40 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.30 <u>0.95</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.97</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.75</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.73 <u>2.23</u> 0.00	32.96 <u>2.19</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.21 <u>1.20</u> 0.00
GOWANUS_GT4_3 24132	20.13 <u>1.21</u> 0.00	18.89 <u>1.14</u> 0.00	20.40 <u>1.18</u> 0.00	20.35 <u>1.09</u> 0.00	19.31 <u>0.97</u> 0.00	19.30 <u>0.95</u> 0.00	20.96 <u>0.97</u> 0.00	22.36 <u>0.97</u> 0.00	31.38 <u>1.32</u> 0.00	35.49 <u>1.63</u> 0.00	35.93 <u>1.63</u> 0.00	35.31 <u>1.56</u> 0.00	37.85 <u>1.73</u> 0.00	36.57 <u>1.75</u> 0.00	36.29 <u>1.83</u> 0.00	24.52 <u>1.52</u> 0.00	26.19 <u>1.79</u> 0.00	33.73 <u>2.23</u> 0.00	32.96 <u>2.19</u> 0.00	23.73 <u>1.64</u> 0.00	23.53 <u>1.61</u> 0.00	23.34 <u>1.58</u> 0.00	22.77 <u>1.36</u> 0.00	23.21 <u>1.20</u> 0.00

GOWANUS_GT4_4 24133	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT4_5 24134	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT4_6 24135	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT4_7 24136	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GOWANUS_GT4_8 24137	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GREENBSH_115KV_TB3 55895	19.37 0.45 0.00	18.19 0.44 0.00	19.68 0.46 0.00	19.68 0.42 0.00	18.75 0.41 0.00	18.74 0.39 0.00	20.34 0.34 0.00	21.76 0.36 0.00	30.42 0.35 0.00	34.31 0.44 0.00	34.64 0.34 0.00	34.10 0.35 0.00	36.51 0.39 0.00	35.23 0.40 0.00	34.79 0.34 0.00	23.41 0.41 0.00	24.99 0.60 0.00	32.30 0.80 0.00	31.54 0.76 0.00	22.61 0.52 0.00	22.48 0.56 0.00	22.29 0.52 0.00	21.76 0.35 0.00	22.25 0.23 0.00
GREENDGE_115KV_TB5 80291	18.87 -0.05 0.00	17.71 -0.04 0.00	19.16 -0.06 0.00	19.20 -0.06 0.00	18.30 -0.03 0.00	18.27 -0.07 0.00	19.92 -0.07 0.00	21.25 -0.15 0.00	29.74 -0.32 0.00	33.50 -0.37 0.00	34.34 0.04 0.00	33.86 0.11 0.00	36.34 0.22 0.00	34.83 0.40 0.00	34.51 0.06 0.00	23.28 0.28 0.00	24.92 0.53 0.00	32.19 0.68 0.00	31.37 0.60 0.00	22.60 0.51 0.00	22.34 0.41 0.00	22.25 0.48 0.00	21.79 0.38 0.00	22.40 0.38 0.00
GREENIDGE___3 23582	18.87 -0.05 0.00	17.71 -0.04 0.00	19.16 -0.06 0.00	19.20 -0.06 0.00	18.30 -0.03 0.00	18.27 -0.07 0.00	19.92 -0.07 0.00	21.25 -0.15 0.00	29.74 -0.32 0.00	33.50 -0.37 0.00	34.34 0.04 0.00	33.86 0.11 0.00	36.34 0.22 0.00	34.83 0.40 0.00	34.51 0.06 0.00	23.28 0.28 0.00	24.92 0.53 0.00	32.19 0.68 0.00	31.37 0.60 0.00	22.60 0.51 0.00	22.34 0.41 0.00	22.25 0.48 0.00	21.79 0.38 0.00	22.40 0.38 0.00
GREENIDGE___4 23583	18.87 -0.05 0.00	17.70 -0.05 0.00	19.16 -0.06 0.00	19.20 -0.06 0.00	18.30 -0.03 0.00	18.27 -0.08 0.00	19.92 -0.07 0.00	21.25 -0.15 0.00	29.75 -0.32 0.00	33.51 -0.36 0.00	34.34 0.04 0.00	33.86 0.11 0.00	36.33 0.21 0.00	34.83 0.01 0.00	38.26 0.05 -3.75	23.71 0.28 -0.43	25.56 0.52 -0.64	33.83 0.68 -1.65	31.57 0.60 -0.19	22.61 0.51 0.00	22.34 0.42 0.00	22.25 0.48 0.00	21.79 0.38 0.00	22.40 0.38 0.00
GREENLWN_69_KV_BK 3 55738	20.13 1.21 0.00	18.92 1.17 0.00	20.38 1.16 0.00	20.35 1.09 0.00	19.34 1.00 0.00	19.35 1.00 0.00	20.92 0.93 0.00	22.30 0.90 0.00	31.27 1.21 0.00	35.35 1.49 0.00	36.01 1.71 0.00	35.52 1.77 0.00	38.00 1.88 0.00	36.70 1.88 0.00	37.11 2.02 -0.63	24.66 1.66 0.00	26.41 2.02 0.00	33.93 2.42 0.00	32.87 2.09 0.00	23.54 1.45 0.00	23.38 1.45 0.00	23.26 1.49 0.00	22.73 1.32 0.00	23.23 1.21 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00
GRISSOM___SOLAR 323813	20.63 1.71 0.00	19.27 1.52 0.00	20.84 1.62 0.00	20.90 1.64 0.00	19.91 1.57 0.00	19.89 1.54 0.00	21.74 1.75 0.00	23.30 1.90 0.00	32.82 2.76 0.00	37.15 3.28 0.00	37.62 3.32 0.00	37.11 3.36 0.00	39.89 3.78 0.00	38.36 3.54 0.00	38.07 3.61 0.00	25.52 2.52 0.00	27.25 2.86 0.00	35.50 4.00 0.00	34.56 3.79 0.00	24.67 2.58 0.00	24.37 2.45 0.00	24.16 2.40 0.00	23.71 2.29 0.00	24.31 2.29 0.00
GROVEVILLE___HYD 323602	20.01 1.10 0.00	18.77 1.02 0.00	20.28 1.05 0.00	20.27 1.01 0.00	19.29 0.96 0.00	19.28 0.93 0.00	20.96 0.97 0.00	22.39 0.99 0.00	31.35 1.28 0.00	35.42 1.56 0.00	35.89 1.58 0.00	35.31 1.56 0.00	37.88 1.76 0.00	36.58 1.76 0.00	36.23 1.78 0.00	24.41 1.41 0.00	26.12 1.72 0.00	33.76 2.26 0.00	32.95 2.18 0.00	23.64 1.55 0.00	23.45 1.52 0.00	23.26 1.49 0.00	22.71 1.30 0.00	23.19 1.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.75 -0.17 0.00	17.58 -0.17 0.00	19.03 -0.19 0.00	19.08 -0.18 0.00	18.17 -0.16 0.00	18.15 -0.19 0.00	19.76 -0.23 0.00	21.07 -0.32 0.00	29.59 -0.47 0.00	33.39 -0.48 0.00	34.01 -0.29 0.00	33.55 -0.20 0.00	35.97 -0.15 0.00	34.64 -0.19 0.00	34.22 -0.23 0.00	22.88 -0.12 0.00	24.36 -0.04 0.00	31.45 -0.05 0.00	30.70 -0.08 0.00	22.03 -0.07 0.00	21.83 -0.09 0.00	21.69 -0.08 0.00	21.27 -0.15 0.00	21.87 -0.15 0.00
HAMLTNNY_34_KV_TB 80303	18.77 -0.15 0.00	17.60 -0.15 0.00	19.05 -0.18 0.00	19.10 -0.16 0.00	18.19 -0.14 0.00	18.17 -0.17 0.00	19.79 -0.20 0.00	21.10 -0.29 0.00	29.62 -0.44 0.00	33.42 -0.45 0.00	34.07 -0.23 0.00	33.61 -0.14 0.00	36.05 -0.07 0.00	34.71 -0.12 0.00	34.29 -0.17 0.00	22.93 -0.07 0.00	24.42 0.03 0.00	31.52 0.02 0.00	30.78 0.01 0.00	22.07 -0.02 0.00	21.88 -0.05 0.00	21.74 -0.03 0.00	21.30 -0.11 0.00	21.92 -0.10 0.00

HAMPSHIRE___PAPER_HYD 323593	18.33 -0.59 0.00	17.19 -0.56 0.00	18.73 -0.50 0.00	18.82 -0.44 0.00	17.82 -0.51 0.00	17.72 -0.63 0.00	19.35 -0.64 0.00	21.07 -0.33 0.00	29.77 -0.29 0.00	33.28 -0.59 0.00	33.72 -0.58 0.00	33.23 -0.52 0.00	35.47 -0.65 0.00	34.19 -0.64 0.00	33.97 -0.48 0.00	22.65 -0.35 0.00	23.95 -0.44 0.00	31.13 -0.37 0.00	30.42 -0.36 0.00	21.79 -0.30 0.00	21.57 -0.35 0.00	21.40 -0.37 0.00	21.15 -0.26 0.00	21.86 -0.16 0.00
HARDSCRABBLE_WT_PWR 323673	18.88 -0.04 0.00	17.73 -0.02 0.00	19.11 -0.11 0.00	19.10 -0.16 0.00	18.22 -0.12 0.00	18.21 -0.14 0.00	19.75 -0.24 0.00	21.13 -0.26 0.00	29.59 -0.46 0.00	33.43 -0.43 0.00	33.87 -0.44 0.00	33.28 -0.47 0.00	35.80 -0.32 0.00	34.72 -0.11 0.00	34.34 -0.12 0.00	23.14 0.14 0.00	24.73 0.34 0.00	32.05 0.55 0.00	31.30 0.52 0.00	22.41 0.32 0.00	22.26 0.33 0.00	22.07 0.30 0.00	21.49 0.08 0.00	21.99 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.86 0.94 0.00	18.61 0.87 0.00	20.10 0.88 0.00	20.09 0.83 0.00	19.12 0.79 0.00	19.10 0.76 0.00	20.77 0.78 0.00	22.18 0.79 0.00	31.09 1.03 0.00	35.13 1.27 0.00	35.62 1.32 0.00	35.05 1.30 0.00	37.59 1.47 0.00	36.31 1.49 0.00	35.92 1.47 0.00	24.20 1.20 0.00	25.84 1.45 0.00	33.42 1.92 0.00	32.61 1.84 0.00	23.40 1.31 0.00	23.21 1.29 0.00	23.05 1.28 0.00	22.52 1.11 0.00	23.02 1.00 0.00
HARSNRAD_115KV_TB1 81005	17.65 -1.27 0.00	16.58 -1.17 0.00	17.88 -1.35 0.00	18.04 -1.23 0.00	17.21 -1.12 0.00	17.08 -1.27 0.00	18.61 -1.39 0.00	19.42 -1.98 0.00	27.34 -2.72 0.00	31.06 -2.81 0.00	32.27 -2.04 0.00	32.01 -1.74 0.00	34.43 -1.69 0.00	32.89 -1.93 0.00	32.38 -2.08 0.00	21.70 -1.30 0.00	23.23 -1.17 0.00	29.72 -1.78 0.00	29.05 -1.72 0.00	20.88 -1.21 0.00	20.66 -1.27 0.00	20.66 -1.10 0.00	20.45 -0.96 0.00	21.50 -0.52 0.00
HARZA MOOSE___RIVER 24016	18.79 -0.13 0.00	17.64 -0.11 0.00	19.19 -0.03 0.00	19.29 0.03 0.00	18.30 -0.04 0.00	18.21 -0.13 0.00	19.84 -0.15 0.00	21.46 0.06 0.00	30.22 0.16 0.00	33.82 -0.04 0.00	34.33 0.03 0.00	33.91 0.15 0.00	36.23 0.11 0.00	34.96 0.14 0.00	34.72 0.27 0.00	23.22 0.22 0.00	24.82 0.43 0.00	32.27 0.76 0.00	31.47 0.69 0.00	22.55 0.46 0.00	22.31 0.39 0.00	22.14 0.37 0.00	21.72 0.31 0.00	22.33 0.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.62 -0.30 0.00	17.46 -0.29 0.00	18.89 -0.33 0.00	18.94 -0.32 0.00	18.04 -0.29 0.00	18.02 -0.32 0.00	19.62 -0.37 0.00	20.90 -0.49 0.00	29.34 -0.72 0.00	33.13 -0.74 0.00	33.76 -0.55 0.00	33.29 -0.46 0.00	35.68 -0.44 0.00	34.36 -0.46 0.00	33.96 -0.50 0.00	22.70 -0.30 0.00	24.16 -0.24 0.00	31.18 -0.32 0.00	30.44 -0.34 0.00	21.85 -0.24 0.00	21.65 -0.28 0.00	21.51 -0.26 0.00	21.11 -0.30 0.00	21.70 -0.32 0.00
HELLGATE_13_KV_LD 55870	20.06 1.14 0.00	18.83 1.08 0.00	20.35 1.13 0.00	20.30 1.04 0.00	19.26 0.92 0.00	19.24 0.90 0.00	20.88 0.90 0.00	22.26 0.87 0.00	31.24 1.18 0.00	35.34 1.47 0.00	35.79 1.49 0.00	35.16 1.41 0.00	37.68 1.56 0.00	36.42 1.59 0.00	36.15 1.69 0.00	24.42 1.43 0.00	26.09 1.69 0.00	33.59 2.09 0.00	32.81 2.03 0.00	23.61 1.52 0.00	23.40 1.48 0.00	23.20 1.43 0.00	22.64 1.23 0.00	23.09 1.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.06 1.14 0.00	18.83 1.08 0.00	20.35 1.13 0.00	20.30 1.04 0.00	19.26 0.92 0.00	19.24 0.90 0.00	20.88 0.90 0.00	22.26 0.87 0.00	31.24 1.18 0.00	35.34 1.47 0.00	35.79 1.49 0.00	35.16 1.41 0.00	37.68 1.56 0.00	36.42 1.59 0.00	36.15 1.69 0.00	24.42 1.43 0.00	26.09 1.69 0.00	33.59 2.09 0.00	32.81 2.03 0.00	23.61 1.52 0.00	23.40 1.48 0.00	23.20 1.43 0.00	22.64 1.23 0.00	23.09 1.07 0.00
HEMPSTEAD___ 23647	20.14 1.22 0.00	18.92 1.17 0.00	20.38 1.16 0.00	20.35 1.09 0.00	19.35 1.01 0.00	19.36 1.01 0.00	20.95 0.96 0.00	22.33 0.93 0.00	31.31 1.25 0.00	35.40 1.54 0.00	36.05 1.74 0.00	35.51 1.76 0.00	38.03 1.91 0.00	36.73 1.90 0.00	37.09 2.00 -0.63	24.64 1.64 0.00	26.35 1.96 0.00	33.96 2.46 0.00	32.92 2.15 0.00	23.60 1.51 0.00	23.42 1.50 0.00	23.27 1.51 0.00	22.75 1.34 0.00	23.24 1.22 0.00
HEWLETT__69_KV_BK3 55828	20.27 1.35 0.00	19.03 1.28 0.00	20.50 1.28 0.00	20.47 1.21 0.00	19.46 1.12 0.00	19.46 1.12 0.00	21.07 1.08 0.00	22.44 1.05 0.00	31.48 1.42 0.00	35.62 1.75 0.00	36.30 2.00 0.00	35.76 2.01 0.00	38.30 2.18 0.00	37.00 2.17 0.00	37.29 2.20 -0.63	24.80 1.81 0.00	26.55 2.16 0.00	34.17 2.67 0.00	33.06 2.28 0.00	23.74 1.65 0.00	23.58 1.66 0.00	23.43 1.67 0.00	22.90 1.49 0.00	23.41 1.39 0.00
HICKLING___1 23621	18.96 0.04 0.00	17.75 0.00 0.00	19.25 0.03 0.00	19.28 0.02 0.00	18.35 0.02 0.00	18.34 -0.01 0.00	19.98 -0.02 0.00	21.31 -0.08 0.00	29.91 -0.15 0.00	33.73 -0.13 0.00	34.63 0.32 0.00	34.12 0.37 0.00	36.63 0.51 0.00	35.09 0.26 0.00	34.65 0.20 0.00	23.30 0.30 0.00	25.00 0.60 0.00	32.25 0.75 0.00	31.46 0.68 0.00	22.68 0.59 0.00	22.42 0.49 0.00	22.41 0.65 0.00	21.92 0.51 0.00	22.48 0.46 0.00
HICKLING___2 23622	18.96 0.04 0.00	17.75 0.00 0.00	19.25 0.03 0.00	19.28 0.02 0.00	18.35 0.02 0.00	18.34 -0.01 0.00	19.98 -0.02 0.00	21.31 -0.08 0.00	29.91 -0.15 0.00	33.73 -0.13 0.00	34.63 0.32 0.00	34.12 0.37 0.00	36.63 0.51 0.00	35.09 0.26 0.00	34.65 0.20 0.00	23.30 0.30 0.00	25.00 0.60 0.00	32.25 0.75 0.00	31.46 0.68 0.00	22.68 0.59 0.00	22.42 0.49 0.00	22.41 0.65 0.00	21.92 0.51 0.00	22.48 0.46 0.00
HIGH FALLS___HY 23754	19.97 1.05 0.00	18.70 0.96 0.00	20.21 0.98 0.00	20.20 0.94 0.00	19.23 0.89 0.00	19.21 0.87 0.00	20.91 0.92 0.00	22.35 0.96 0.00	31.32 1.26 0.00	35.38 1.51 0.00	35.85 1.54 0.00	35.24 1.48 0.00	37.87 1.75 0.00	36.52 1.69 0.00	36.11 1.66 0.00	24.26 1.27 0.00	26.05 1.65 0.00	33.72 2.22 0.00	32.93 2.15 0.00	23.66 1.57 0.00	23.45 1.53 0.00	23.28 1.51 0.00	22.75 1.34 0.00	23.25 1.23 0.00
HILLBURN___GT 23639	19.86 0.94 0.00	18.61 0.87 0.00	20.09 0.87 0.00	20.08 0.82 0.00	19.11 0.78 0.00	19.09 0.74 0.00	20.74 0.75 0.00	22.15 0.75 0.00	31.03 0.97 0.00	35.07 1.21 0.00	35.55 1.24 0.00	34.98 1.23 0.00	37.52 1.40 0.00	36.25 1.43 0.00	35.86 1.41 0.00	24.16 1.16 0.00	25.78 1.39 0.00	33.33 1.82 0.00	32.51 1.74 0.00	23.35 1.26 0.00	23.17 1.24 0.00	23.01 1.24 0.00	22.49 1.08 0.00	22.99 0.98 0.00
HILLSIDE_115KV_TB1 80332	18.74 -0.18 0.00	17.52 -0.23 0.00	19.01 -0.22 0.00	19.05 -0.22 0.00	18.11 -0.23 0.00	18.09 -0.25 0.00	19.70 -0.29 0.00	21.01 -0.38 0.00	29.48 -0.58 0.00	33.24 -0.62 0.00	34.09 -0.22 0.00	33.59 -0.16 0.00	36.06 -0.06 0.00	34.57 -0.25 0.00	34.11 -0.34 0.00	22.94 -0.06 0.00	24.58 0.19 0.00	31.67 0.17 0.00	30.89 0.11 0.00	22.29 0.20 0.00	22.04 0.12 0.00	22.04 0.27 0.00	21.54 0.13 0.00	22.09 0.07 0.00

HISHELDN_WT_PWR 323625	17.81 -1.10 0.00	16.69 -1.06 0.00	18.04 -1.18 0.00	18.20 -1.07 0.00	17.33 -1.00 0.00	17.23 -1.12 0.00	18.84 -1.15 0.00	19.71 -1.69 0.00	27.70 -2.36 0.00	31.43 -2.43 0.00	32.59 -1.72 0.00	32.38 -1.37 0.00	34.84 -1.28 0.00	33.28 -1.55 0.00	23.23 -1.63 9.60	20.91 -1.00 1.10	21.90 -0.84 1.64	25.91 -1.38 4.21	28.93 -1.36 0.49	21.15 -0.94 0.00	20.92 -1.01 0.00	20.93 -0.83 0.00	20.69 -0.72 0.00	21.70 -0.32 0.00
HOLTSVILLE_IC_1 23690	20.29 1.37 0.00	19.10 1.36 0.00	20.57 1.35 0.00	20.54 1.28 0.00	19.51 1.18 0.00	19.54 1.20 0.00	21.12 1.13 0.00	22.50 1.10 0.00	31.57 1.51 0.00	35.56 1.69 0.00	36.28 1.97 0.00	35.75 2.00 0.00	38.23 2.11 0.00	36.93 2.10 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.62 2.23 0.00	34.30 2.80 0.00	33.13 2.35 0.00	23.70 1.61 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.81 1.40 0.00	23.33 1.31 0.00
HOLTSVILLE_IC_10 23699	20.38 1.46 0.00	19.19 1.44 0.00	20.66 1.43 0.00	20.62 1.36 0.00	19.59 1.25 0.00	19.62 1.28 0.00	21.21 1.22 0.00	22.60 1.21 0.00	31.70 1.64 0.00	35.71 1.84 0.00	36.46 2.15 0.00	35.92 2.17 0.00	38.41 2.29 0.00	37.11 2.29 0.00	37.56 2.48 -0.63	24.95 1.95 0.00	26.77 2.38 0.00	34.53 3.02 0.00	33.34 2.56 0.00	23.83 1.74 0.00	23.63 1.71 0.00	23.48 1.71 0.00	22.92 1.50 0.00	23.44 1.42 0.00
HOLTSVILLE_IC_2 23691	20.29 1.37 0.00	19.10 1.36 0.00	20.57 1.35 0.00	20.54 1.28 0.00	19.51 1.18 0.00	19.54 1.20 0.00	21.12 1.13 0.00	22.50 1.10 0.00	31.57 1.51 0.00	35.56 1.69 0.00	36.28 1.97 0.00	35.75 2.00 0.00	38.23 2.11 0.00	36.93 2.10 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.62 2.23 0.00	34.30 2.80 0.00	33.13 2.35 0.00	23.70 1.61 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.81 1.40 0.00	23.33 1.31 0.00
HOLTSVILLE_IC_3 23692	20.29 1.37 0.00	19.10 1.36 0.00	20.57 1.35 0.00	20.54 1.28 0.00	19.51 1.18 0.00	19.54 1.20 0.00	21.12 1.13 0.00	22.50 1.10 0.00	31.57 1.51 0.00	35.56 1.69 0.00	36.28 1.97 0.00	35.75 2.00 0.00	38.23 2.11 0.00	36.93 2.10 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.62 2.23 0.00	34.30 2.80 0.00	33.13 2.35 0.00	23.70 1.61 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.81 1.40 0.00	23.33 1.31 0.00
HOLTSVILLE_IC_4 23693	20.29 1.37 0.00	19.10 1.36 0.00	20.57 1.35 0.00	20.54 1.28 0.00	19.51 1.18 0.00	19.54 1.20 0.00	21.12 1.13 0.00	22.50 1.10 0.00	31.57 1.51 0.00	35.56 1.69 0.00	36.28 1.97 0.00	35.75 2.00 0.00	38.23 2.11 0.00	36.93 2.10 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.62 2.23 0.00	34.30 2.80 0.00	33.13 2.35 0.00	23.70 1.61 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.81 1.40 0.00	23.33 1.31 0.00
HOLTSVILLE_IC_5 23694	20.29 1.37 0.00	19.10 1.36 0.00	20.57 1.35 0.00	20.54 1.28 0.00	19.51 1.18 0.00	19.54 1.20 0.00	21.12 1.13 0.00	22.50 1.10 0.00	31.57 1.51 0.00	35.56 1.69 0.00	36.28 1.97 0.00	35.75 2.00 0.00	38.23 2.11 0.00	36.93 2.10 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.62 2.23 0.00	34.30 2.80 0.00	33.13 2.35 0.00	23.70 1.61 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.81 1.40 0.00	23.33 1.31 0.00
HOLTSVILLE_IC_6 23695	20.38 1.46 0.00	19.19 1.44 0.00	20.66 1.43 0.00	20.62 1.36 0.00	19.59 1.25 0.00	19.62 1.28 0.00	21.21 1.22 0.00	22.60 1.21 0.00	31.70 1.64 0.00	35.71 1.84 0.00	36.46 2.15 0.00	35.92 2.17 0.00	38.41 2.29 0.00	37.11 2.29 0.00	37.56 2.48 -0.63	24.95 1.95 0.00	26.77 2.38 0.00	34.53 3.02 0.00	33.34 2.56 0.00	23.83 1.74 0.00	23.63 1.71 0.00	23.48 1.71 0.00	22.92 1.50 0.00	23.44 1.42 0.00
HOLTSVILLE_IC_7 23696	20.38 1.46 0.00	19.19 1.44 0.00	20.66 1.43 0.00	20.62 1.36 0.00	19.59 1.25 0.00	19.62 1.28 0.00	21.21 1.22 0.00	22.60 1.21 0.00	31.70 1.64 0.00	35.71 1.84 0.00	36.46 2.15 0.00	35.92 2.17 0.00	38.41 2.29 0.00	37.11 2.29 0.00	37.56 2.48 -0.63	24.95 1.95 0.00	26.77 2.38 0.00	34.53 3.02 0.00	33.34 2.56 0.00	23.83 1.74 0.00	23.63 1.71 0.00	23.48 1.71 0.00	22.92 1.50 0.00	23.44 1.42 0.00
HOLTSVILLE_IC_8 23697	20.38 1.46 0.00	19.19 1.44 0.00	20.66 1.43 0.00	20.62 1.36 0.00	19.59 1.25 0.00	19.62 1.28 0.00	21.21 1.22 0.00	22.60 1.21 0.00	31.70 1.64 0.00	35.71 1.84 0.00	36.46 2.15 0.00	35.92 2.17 0.00	38.41 2.29 0.00	37.11 2.29 0.00	37.56 2.48 -0.63	24.95 1.95 0.00	26.77 2.38 0.00	34.53 3.02 0.00	33.34 2.56 0.00	23.83 1.74 0.00	23.63 1.71 0.00	23.48 1.71 0.00	22.92 1.50 0.00	23.44 1.42 0.00
HOLTSVILLE_IC_9 23698	20.38 1.46 0.00	19.19 1.44 0.00	20.66 1.43 0.00	20.62 1.36 0.00	19.59 1.25 0.00	19.62 1.28 0.00	21.21 1.22 0.00	22.60 1.21 0.00	31.70 1.64 0.00	35.71 1.84 0.00	36.46 2.15 0.00	35.92 2.17 0.00	38.41 2.29 0.00	37.11 2.29 0.00	37.56 2.48 -0.63	24.95 1.95 0.00	26.77 2.38 0.00	34.53 3.02 0.00	33.34 2.56 0.00	23.83 1.74 0.00	23.63 1.71 0.00	23.48 1.71 0.00	22.92 1.50 0.00	23.44 1.42 0.00
HOMER_HL_115KV_TB2 355744	18.75 -0.17 0.00	17.58 -0.17 0.00	19.02 -0.20 0.00	19.11 -0.15 0.00	18.20 -0.13 0.00	18.15 -0.19 0.00	19.80 -0.19 0.00	20.77 -0.62 0.00	28.85 -1.21 0.00	32.56 -1.31 0.00	33.61 -0.69 0.00	33.51 -0.24 0.00	36.41 0.28 0.00	34.97 0.15 0.00	34.48 0.02 0.00	23.14 0.14 0.00	24.58 0.19 0.00	31.31 -0.19 0.00	30.37 -0.40 0.00	21.83 -0.26 0.00	21.63 -0.30 0.00	21.86 0.09 0.00	21.67 0.25 0.00	22.60 0.58 0.00
HOWARD_WT_PWR 323690	18.75 -0.16 0.00	17.84 0.09 0.00	19.28 0.06 0.00	19.27 0.01 0.00	18.46 0.12 0.00	18.34 -0.01 0.00	20.03 0.04 0.00	21.40 0.01 0.00	30.09 0.02 0.00	34.01 0.14 0.00	35.02 0.71 0.00	34.56 0.81 0.00	37.08 0.96 0.00	35.38 0.56 0.00	37.75 0.56 -2.73	23.91 0.60 -0.31	25.84 0.98 -0.47	34.09 1.39 -1.20	32.29 1.38 -0.14	23.12 1.03 0.00	22.82 0.90 0.00	22.79 1.02 0.00	22.29 0.88 0.00	22.87 0.85 0.00
HQ_GEN_CEDARS 23644	18.75 -0.17 0.00	17.58 -0.17 0.00	19.09 -0.14 0.00	19.16 -0.10 0.00	18.20 -0.13 0.00	18.21 -0.14 0.00	19.95 -0.04 0.00	21.64 0.24 0.00	30.56 0.50 0.00	34.34 0.48 0.00	34.50 0.20 0.00	33.85 0.10 0.00	36.15 0.04 0.00	34.78 -0.04 0.00	34.43 -0.02 0.00	22.87 -0.13 0.00	24.01 -0.38 0.00	31.03 -0.47 0.00	30.36 -0.42 0.00	21.79 -0.30 0.00	21.63 -0.29 0.00	21.47 -0.30 0.00	21.30 -0.11 0.00	22.06 0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	18.75 -0.17 0.00	17.58 -0.17 0.00	19.09 -0.14 0.00	19.16 -0.10 0.00	18.20 -0.14 0.00	18.21 -0.14 0.00	19.96 -0.04 0.00	21.64 0.24 0.00	30.56 0.50 0.00	34.34 0.48 0.00	34.50 0.20 0.00	33.85 0.10 0.00	36.15 0.04 0.00	34.78 -0.04 0.00	34.43 -0.02 0.00	22.68 -0.13 0.19	24.01 -0.38 0.00	31.03 -0.47 0.00	30.36 -0.42 0.00	21.79 -0.30 0.00	21.63 -0.29 0.00	21.47 -0.30 0.00	21.30 -0.11 0.00	22.06 0.04 0.00

HQ_GEN_IMPORT 323601	18.77 -0.15 0.00	17.61 -0.14 0.00	19.09 -0.13 0.00	19.15 -0.11 0.00	18.22 -0.11 0.00	18.27 -0.07 0.00	19.99 0.00 0.00	21.48 0.08 0.00	30.29 0.23 0.00	34.04 0.17 0.00	34.40 0.09 0.00	33.79 0.03 0.00	36.09 -0.03 0.00	34.74 -0.08 0.00	34.39 -0.07 0.00	22.81 -0.18 0.00	24.03 -0.36 0.00	31.02 -0.48 0.00	30.34 -0.44 0.00	21.79 -0.30 0.00	21.63 -0.30 0.00	21.47 -0.30 0.00	21.26 -0.15 0.00	21.96 -0.06 0.00
HQ_GEN_WHEEL 23651	18.77 -0.15 0.00	17.61 -0.14 0.00	19.09 -0.13 0.00	19.15 -0.11 0.00	18.22 -0.11 0.00	18.27 -0.07 0.00	19.99 0.00 0.00	21.48 0.08 0.00	30.29 0.23 0.00	34.04 0.17 0.00	34.40 0.09 0.00	33.79 0.03 0.00	36.09 -0.03 0.00	34.74 -0.08 0.00	34.39 -0.07 0.00	22.81 -0.18 0.00	24.03 -0.36 0.00	31.02 -0.48 0.00	30.34 -0.44 0.00	21.79 -0.30 0.00	21.63 -0.30 0.00	21.47 -0.30 0.00	21.26 -0.15 0.00	21.96 -0.06 0.00
HUDSON AVE_GT_3 23810	20.05 1.14 0.00	18.82 1.07 0.00	20.28 1.05 0.00	20.24 0.99 0.00	19.26 0.93 0.00	19.25 0.90 0.00	20.90 0.91 0.00	22.30 0.90 0.00	31.25 1.18 0.00	35.36 1.50 0.00	35.82 1.51 0.00	35.19 1.44 0.00	37.70 1.58 0.00	36.44 1.61 0.00	36.14 1.69 0.00	24.43 1.43 0.00	26.09 1.69 0.00	33.59 2.09 0.00	32.81 2.04 0.00	23.63 1.54 0.00	23.43 1.50 0.00	23.23 1.47 0.00	22.69 1.27 0.00	23.12 1.10 0.00
HUDSON AVE_GT_4 23540	20.05 1.14 0.00	18.82 1.07 0.00	20.28 1.05 0.00	20.24 0.99 0.00	19.26 0.93 0.00	19.25 0.90 0.00	20.90 0.91 0.00	22.30 0.90 0.00	31.25 1.18 0.00	35.36 1.50 0.00	35.82 1.51 0.00	35.19 1.44 0.00	37.70 1.58 0.00	36.44 1.61 0.00	36.14 1.69 0.00	24.43 1.43 0.00	26.09 1.69 0.00	33.59 2.09 0.00	32.81 2.04 0.00	23.63 1.54 0.00	23.43 1.50 0.00	23.23 1.47 0.00	22.69 1.27 0.00	23.12 1.10 0.00
HUDSON AVE_GT_5 23657	20.05 1.14 0.00	18.82 1.07 0.00	20.28 1.05 0.00	20.24 0.99 0.00	19.26 0.93 0.00	19.25 0.90 0.00	20.90 0.91 0.00	22.30 0.90 0.00	31.25 1.18 0.00	35.36 1.50 0.00	35.82 1.51 0.00	35.19 1.44 0.00	37.70 1.58 0.00	36.44 1.61 0.00	36.14 1.69 0.00	24.43 1.43 0.00	26.09 1.69 0.00	33.59 2.09 0.00	32.81 2.04 0.00	23.63 1.54 0.00	23.43 1.50 0.00	23.23 1.47 0.00	22.69 1.27 0.00	23.12 1.10 0.00
HUDSON_AVE_10 24168	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.03 0.00	20.22 0.96 0.00	19.24 0.90 0.00	19.23 0.88 0.00	20.88 0.89 0.00	22.26 0.87 0.00	31.19 1.13 0.00	35.29 1.42 0.00	35.73 1.43 0.00	35.10 1.35 0.00	37.62 1.50 0.00	36.36 1.53 0.00	36.06 1.60 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.97 0.00	23.59 1.50 0.00	23.37 1.45 0.00	23.17 1.40 0.00	22.63 1.22 0.00	23.06 1.05 0.00
HUDSON___115KV_TB 4 355613	19.72 0.80 0.00	18.52 0.77 0.00	20.03 0.81 0.00	20.04 0.78 0.00	19.09 0.76 0.00	19.09 0.74 0.00	20.74 0.75 0.00	22.22 0.83 0.00	31.09 1.03 0.00	35.08 1.22 0.00	35.47 1.16 0.00	34.91 1.15 0.00	37.38 1.26 0.00	36.03 1.20 0.00	35.59 1.14 0.00	23.95 0.95 0.00	25.63 1.24 0.00	33.22 1.72 0.00	32.41 1.64 0.00	23.19 1.10 0.00	23.03 1.10 0.00	22.82 1.05 0.00	22.26 0.85 0.00	22.75 0.73 0.00
HUNTER MOUNT___DRP 323613	19.82 0.90 0.00	18.61 0.86 0.00	20.14 0.92 0.00	20.15 0.89 0.00	19.20 0.87 0.00	19.21 0.86 0.00	20.88 0.89 0.00	22.37 0.98 0.00	31.33 1.27 0.00	35.35 1.49 0.00	35.73 1.43 0.00	35.16 1.41 0.00	37.66 1.54 0.00	36.28 1.45 0.00	35.83 1.37 0.00	24.13 1.13 0.00	25.83 1.44 0.00	33.50 2.00 0.00	32.70 1.92 0.00	23.37 1.28 0.00	23.19 1.26 0.00	22.97 1.21 0.00	22.39 0.98 0.00	22.89 0.87 0.00
HUNTINGTON_RES_REC 323705	20.21 1.29 0.00	19.00 1.25 0.00	20.47 1.24 0.00	20.43 1.17 0.00	19.40 1.07 0.00	19.43 1.08 0.00	21.00 1.01 0.00	22.38 0.99 0.00	31.41 1.35 0.00	35.46 1.59 0.00	36.16 1.86 0.00	35.68 1.93 0.00	38.17 2.05 0.00	36.87 2.04 0.00	37.30 2.22 -0.63	24.79 1.79 0.00	26.58 2.19 0.00	34.21 2.71 0.00	33.09 2.32 0.00	23.67 1.58 0.00	23.50 1.57 0.00	23.35 1.59 0.00	22.80 1.39 0.00	23.30 1.29 0.00
HUNTLEY___63 23557	17.79 -1.13 0.00	16.71 -1.04 0.00	18.02 -1.20 0.00	18.17 -1.09 0.00	17.34 -0.99 0.00	17.22 -1.13 0.00	18.76 -1.23 0.00	19.56 -1.83 0.00	27.53 -2.53 0.00	31.28 -2.58 0.00	32.50 -1.81 0.00	32.23 -1.52 0.00	34.67 -1.45 0.00	33.11 -1.71 0.00	32.62 -1.84 0.00	21.86 -1.14 0.00	23.41 -0.99 0.00	30.00 -1.50 0.00	29.27 -1.50 0.00	21.02 -1.07 0.00	20.80 -1.12 0.00	20.81 -0.95 0.00	20.59 -0.82 0.00	21.65 -0.37 0.00
HUNTLEY___64 23558	17.79 -1.13 0.00	16.71 -1.04 0.00	18.02 -1.20 0.00	18.17 -1.09 0.00	17.34 -0.99 0.00	17.22 -1.13 0.00	18.76 -1.23 0.00	19.56 -1.83 0.00	27.53 -2.53 0.00	31.28 -2.58 0.00	32.50 -1.81 0.00	32.23 -1.52 0.00	34.67 -1.45 0.00	33.11 -1.71 0.00	32.62 -1.84 0.00	21.86 -1.14 0.00	23.41 -0.99 0.00	30.00 -1.50 0.00	29.27 -1.50 0.00	21.02 -1.07 0.00	20.80 -1.12 0.00	20.81 -0.95 0.00	20.59 -0.82 0.00	21.65 -0.37 0.00
HUNTLEY___65 23559	17.79 -1.13 0.00	16.71 -1.04 0.00	18.02 -1.20 0.00	18.17 -1.09 0.00	17.34 -0.99 0.00	17.22 -1.13 0.00	18.76 -1.23 0.00	19.56 -1.83 0.00	27.53 -2.53 0.00	31.28 -2.58 0.00	32.50 -1.81 0.00	32.23 -1.52 0.00	34.67 -1.45 0.00	33.11 -1.71 0.00	32.62 -1.84 0.00	21.86 -1.14 0.00	23.41 -0.99 0.00	30.00 -1.50 0.00	29.27 -1.50 0.00	21.02 -1.07 0.00	20.80 -1.12 0.00	20.81 -0.95 0.00	20.59 -0.82 0.00	21.65 -0.37 0.00
HUNTLEY___66 23560	17.79 -1.13 0.00	16.71 -1.04 0.00	18.02 -1.20 0.00	18.17 -1.09 0.00	17.34 -0.99 0.00	17.22 -1.13 0.00	18.76 -1.23 0.00	19.56 -1.83 0.00	27.53 -2.53 0.00	31.28 -2.58 0.00	32.50 -1.81 0.00	32.23 -1.52 0.00	34.67 -1.45 0.00	33.11 -1.71 0.00	32.62 -1.84 0.00	21.86 -1.14 0.00	23.41 -0.99 0.00	30.00 -1.50 0.00	29.27 -1.50 0.00	21.02 -1.07 0.00	20.80 -1.12 0.00	20.81 -0.95 0.00	20.59 -0.82 0.00	21.65 -0.37 0.00
HUNTLEY___67 23561	17.75 -1.17 0.00	16.67 -1.08 0.00	17.98 -1.25 0.00	18.13 -1.13 0.00	17.29 -1.04 0.00	17.18 -1.17 0.00	18.72 -1.27 0.00	19.56 -1.84 0.00	27.51 -2.55 0.00	31.24 -2.63 0.00	32.44 -1.86 0.00	32.18 -1.57 0.00	34.63 -1.49 0.00	33.08 -1.74 0.00	32.58 -1.87 0.00	21.82 -1.18 0.00	23.35 -1.05 0.00	29.87 -1.63 0.00	29.18 -1.60 0.00	20.98 -1.11 0.00	20.76 -1.16 0.00	20.77 -0.99 0.00	20.55 -0.87 0.00	21.56 -0.46 0.00
HUNTLEY___68 23562	17.75 -1.17 0.00	16.67 -1.08 0.00	17.98 -1.25 0.00	18.13 -1.13 0.00	17.29 -1.04 0.00	17.18 -1.17 0.00	18.72 -1.27 0.00	19.56 -1.84 0.00	27.51 -2.55 0.00	31.24 -2.63 0.00	32.44 -1.86 0.00	32.18 -1.57 0.00	34.63 -1.49 0.00	33.08 -1.74 0.00	32.58 -1.87 0.00	21.82 -1.18 0.00	23.35 -1.05 0.00	29.87 -1.63 0.00	29.18 -1.60 0.00	20.98 -1.11 0.00	20.76 -1.16 0.00	20.77 -0.99 0.00	20.55 -0.87 0.00	21.56 -0.46 0.00

HYLAND___LFGE 323620	19.20 0.28 0.00	18.07 0.32 0.00	19.50 0.27 0.00	19.56 0.29 0.00	18.67 0.33 0.00	18.61 0.26 0.00	20.36 0.36 0.00	21.65 0.26 0.00	30.52 0.46 0.00	34.51 0.65 0.00	35.42 1.11 0.00	34.85 1.10 0.00	36.97 0.85 0.00	35.36 0.54 0.00	36.51 0.56 -1.49	23.79 0.62 -0.17	25.64 0.99 -0.25	33.80 1.64 -0.65	32.62 1.77 -0.07	23.34 1.25 0.00	23.04 1.12 0.00	22.98 1.21 0.00	22.50 1.09 0.00	23.21 1.19 0.00
INDECK___CORINTH 23802	19.60 0.69 0.00	18.41 0.66 0.00	19.92 0.69 0.00	19.91 0.65 0.00	18.99 0.65 0.00	18.99 0.64 0.00	20.68 0.69 0.00	22.13 0.74 0.00	30.98 0.91 0.00	34.97 1.10 0.00	35.31 1.00 0.00	34.84 1.08 0.00	37.35 1.23 0.00	36.17 1.34 0.00	35.96 1.51 0.00	24.25 1.25 0.00	25.94 1.54 0.00	33.48 1.98 0.00	32.77 2.00 0.00	23.41 1.32 0.00	23.16 1.24 0.00	23.02 1.26 0.00	22.39 0.97 0.00	22.85 0.83 0.00
INDECK___ILION 23567	19.05 0.14 0.00	17.88 0.13 0.00	19.34 0.11 0.00	19.34 0.08 0.00	18.42 0.09 0.00	18.41 0.07 0.00	20.01 0.02 0.00	21.42 0.02 0.00	30.02 -0.04 0.00	33.88 0.02 0.00	34.31 0.01 0.00	33.75 0.00 0.00	36.19 0.07 0.00	34.98 0.15 0.00	34.62 0.17 0.00	23.24 0.24 0.00	24.79 0.40 0.00	32.08 0.58 0.00	31.31 0.54 0.00	22.44 0.35 0.00	22.28 0.35 0.00	22.10 0.34 0.00	21.61 0.20 0.00	22.12 0.10 0.00
INDECK___OLEAN 23982	18.75 -0.17 0.00	17.58 -0.16 0.00	19.02 -0.20 0.00	19.11 -0.15 0.00	18.20 -0.13 0.00	18.14 -0.21 0.00	19.80 -0.19 0.00	20.78 -0.61 0.00	28.85 -1.21 0.00	32.56 -1.30 0.00	33.61 -0.70 0.00	33.50 -0.25 0.00	36.39 0.27 0.00	34.98 0.16 0.00	22.49 0.03 12.00	21.77 0.14 1.37	22.53 0.19 2.05	26.03 -0.21 5.26	29.76 -0.42 0.61	21.83 -0.26 0.00	21.63 -0.29 0.00	21.86 0.10 0.00	21.67 0.25 0.00	22.60 0.58 0.00
INDECK___OSWEGO 23783	18.40 -0.51 0.00	17.26 -0.50 0.00	18.69 -0.54 0.00	18.73 -0.53 0.00	17.84 -0.50 0.00	17.81 -0.54 0.00	19.37 -0.62 0.00	20.68 -0.72 0.00	29.03 -1.03 0.00	32.75 -1.12 0.00	33.32 -0.98 0.00	32.85 -0.90 0.00	35.19 -0.93 0.00	33.92 -0.90 0.00	33.54 -0.92 0.00	22.40 -0.60 0.00	23.82 -0.58 0.00	30.76 -0.74 0.00	30.03 -0.75 0.00	21.56 -0.53 0.00	21.38 -0.55 0.00	21.23 -0.54 0.00	20.84 -0.58 0.00	21.41 -0.60 0.00
INDECK___YERKES 23781	17.80 -1.11 0.00	16.73 -1.02 0.00	18.03 -1.19 0.00	18.19 -1.07 0.00	17.36 -0.98 0.00	17.21 -1.14 0.00	18.79 -1.21 0.00	19.59 -1.80 0.00	27.56 -2.51 0.00	31.31 -2.55 0.00	32.51 -1.79 0.00	32.25 -1.50 0.00	34.68 -1.44 0.00	33.14 -1.68 0.00	23.71 -1.81 8.94	20.86 -1.12 1.02	21.90 -0.97 1.53	26.08 -1.50 3.92	28.83 -1.49 0.45	21.04 -1.05 0.00	20.82 -1.10 0.00	20.83 -0.93 0.00	20.61 -0.81 0.00	21.67 -0.35 0.00
INDIAN POINT_GT_1 24139	19.89 0.97 0.00	18.66 0.91 0.00	20.14 0.91 0.00	20.12 0.86 0.00	19.15 0.81 0.00	19.13 0.78 0.00	20.78 0.79 0.00	22.19 0.79 0.00	31.07 1.01 0.00	35.12 1.26 0.00	35.58 1.28 0.00	35.00 1.25 0.00	37.52 1.40 0.00	36.27 1.44 0.00	35.92 1.46 0.00	24.22 1.22 0.00	25.87 1.47 0.00	33.41 1.91 0.00	32.60 1.82 0.00	23.41 1.33 0.00	23.23 1.31 0.00	23.06 1.29 0.00	22.51 1.11 0.00	22.99 0.97 0.00
INDIAN POINT_GT_2 23659	19.89 0.97 0.00	18.66 0.91 0.00	20.14 0.91 0.00	20.12 0.86 0.00	19.15 0.81 0.00	19.13 0.78 0.00	20.78 0.79 0.00	22.19 0.79 0.00	31.07 1.01 0.00	35.12 1.26 0.00	35.58 1.28 0.00	35.00 1.25 0.00	37.52 1.40 0.00	36.27 1.44 0.00	35.92 1.46 0.00	24.22 1.22 0.00	25.87 1.47 0.00	33.41 1.91 0.00	32.60 1.82 0.00	23.41 1.33 0.00	23.23 1.31 0.00	23.06 1.29 0.00	22.51 1.11 0.00	22.99 0.97 0.00
INDIAN POINT_GT_3 24019	19.89 0.97 0.00	18.66 0.91 0.00	20.14 0.91 0.00	20.12 0.86 0.00	19.15 0.81 0.00	19.13 0.78 0.00	20.78 0.79 0.00	22.19 0.79 0.00	31.07 1.01 0.00	35.12 1.26 0.00	35.58 1.28 0.00	35.00 1.25 0.00	37.52 1.40 0.00	36.27 1.44 0.00	35.92 1.46 0.00	24.22 1.22 0.00	25.87 1.47 0.00	33.41 1.91 0.00	32.60 1.82 0.00	23.41 1.33 0.00	23.23 1.31 0.00	23.06 1.29 0.00	22.51 1.11 0.00	22.99 0.97 0.00
INDIAN POINT___2 23530	19.84 0.92 0.00	18.61 0.86 0.00	20.09 0.86 0.00	20.07 0.81 0.00	19.10 0.76 0.00	19.08 0.74 0.00	20.73 0.73 0.00	22.13 0.73 0.00	31.00 0.94 0.00	35.03 1.17 0.00	35.51 1.20 0.00	34.93 1.18 0.00	37.44 1.33 0.00	36.18 1.35 0.00	35.82 1.36 0.00	24.14 1.14 0.00	25.77 1.38 0.00	33.29 1.79 0.00	32.48 1.71 0.00	23.34 1.25 0.00	23.15 1.22 0.00	22.99 1.22 0.00	22.46 1.05 0.00	22.95 0.94 0.00
INDIAN POINT___3 23531	19.92 1.00 0.00	18.69 0.94 0.00	20.17 0.95 0.00	20.15 0.89 0.00	19.17 0.84 0.00	19.16 0.81 0.00	20.81 0.82 0.00	22.21 0.82 0.00	31.11 1.05 0.00	35.16 1.30 0.00	35.62 1.32 0.00	35.04 1.28 0.00	37.56 1.44 0.00	36.29 1.47 0.00	35.96 1.50 0.00	24.26 1.26 0.00	25.92 1.52 0.00	33.45 1.95 0.00	32.66 1.88 0.00	23.46 1.37 0.00	23.27 1.35 0.00	23.09 1.33 0.00	22.55 1.14 0.00	23.02 1.00 0.00
INGHAM_C_115KV_TB7 356103	18.98 0.06 0.00	17.81 0.06 0.00	19.22 0.00 0.00	19.19 -0.07 0.00	18.30 -0.04 0.00	18.28 -0.06 0.00	19.82 -0.16 0.00	21.22 -0.17 0.00	29.68 -0.38 0.00	33.54 -0.32 0.00	33.96 -0.35 0.00	33.35 -0.40 0.00	35.84 -0.28 0.00	34.75 -0.08 0.00	34.40 -0.05 0.00	23.21 0.21 0.00	24.87 0.47 0.00	32.23 0.73 0.00	31.45 0.67 0.00	22.52 0.43 0.00	22.36 0.43 0.00	22.17 0.41 0.00	21.55 0.13 0.00	21.98 -0.04 0.00
IP CORINTH___1 23988	19.60 0.69 0.00	18.41 0.66 0.00	19.92 0.69 0.00	19.91 0.65 0.00	18.98 0.65 0.00	18.99 0.64 0.00	20.68 0.69 0.00	22.13 0.74 0.00	30.98 0.91 0.00	34.97 1.10 0.00	35.30 1.00 0.00	34.83 1.08 0.00	37.35 1.23 0.00	36.17 1.34 0.00	35.96 1.51 0.00	24.25 1.25 0.00	25.93 1.54 0.00	33.48 1.98 0.00	32.77 2.00 0.00	23.41 1.32 0.00	23.16 1.24 0.00	23.02 1.26 0.00	22.39 0.98 0.00	22.85 0.83 0.00
IP___TICONDEROGA 23804	19.99 1.07 0.00	18.83 1.08 0.00	20.39 1.16 0.00	20.37 1.11 0.00	19.45 1.12 0.00	19.43 1.09 0.00	21.25 1.27 0.00	22.78 1.39 0.00	31.79 1.73 0.00	35.94 2.07 0.00	36.22 1.92 0.00	35.85 2.10 0.00	38.47 2.34 0.00	37.41 2.59 0.00	37.58 3.13 0.00	25.44 2.44 0.00	27.26 2.86 0.00	35.13 3.63 0.00	34.43 3.65 0.00	24.49 2.40 0.00	24.15 2.23 0.00	24.05 2.28 0.00	23.14 1.72 0.00	23.50 1.48 0.00
ISLIP_RES_REC 323679	20.45 1.54 0.00	19.25 1.51 0.00	20.73 1.51 0.00	20.70 1.44 0.00	19.66 1.32 0.00	19.70 1.35 0.00	21.28 1.30 0.00	22.68 1.29 0.00	31.82 1.76 0.00	35.85 1.98 0.00	36.60 2.29 0.00	36.06 2.31 0.00	38.58 2.46 0.00	37.26 2.44 0.00	37.72 2.63 -0.63	25.05 2.05 0.00	26.89 2.50 0.00	34.70 3.20 0.00	33.50 2.72 0.00	23.94 1.85 0.00	23.75 1.83 0.00	23.60 1.83 0.00	23.03 1.62 0.00	23.55 1.53 0.00

JAMAICA__27_KV_LOAD 355505	20.24 1.32 0.00	18.99 1.24 0.00	20.47 1.25 0.00	20.44 1.18 0.00	19.44 1.10 0.00	19.42 1.08 0.00	21.10 1.11 0.00	22.45 1.06 0.00	31.45 1.39 0.00	35.54 1.67 0.00	36.00 1.70 0.00	35.37 1.62 0.00	37.90 1.78 0.00	36.67 1.84 0.00	36.35 1.90 0.00	24.55 1.56 0.00	26.23 1.84 0.00	33.82 2.32 0.00	33.04 2.26 0.00	23.82 1.73 0.00	23.56 1.63 0.00	23.32 1.55 0.00	22.80 1.38 0.00	23.25 1.23 0.00
JANIS__SOLAR 323808	19.58 0.67 0.00	18.31 0.56 0.00	19.78 0.56 0.00	19.90 0.64 0.00	18.96 0.63 0.00	18.90 0.56 0.00	20.66 0.67 0.00	22.11 0.72 0.00	31.16 1.10 0.00	35.31 1.45 0.00	36.00 1.69 0.00	35.35 1.60 0.00	37.92 1.80 0.00	36.45 1.63 0.00	38.44 1.63 -2.36	24.50 1.24 -0.27	26.39 1.59 -0.40	34.74 2.20 -1.03	32.97 2.07 -0.12	23.50 1.42 0.00	23.24 1.31 0.00	23.12 1.36 0.00	22.63 1.22 0.00	23.24 1.22 0.00
JARVIS____ 23743	19.03 0.12 0.00	17.86 0.11 0.00	19.34 0.12 0.00	19.36 0.11 0.00	18.44 0.10 0.00	18.43 0.09 0.00	20.05 0.06 0.00	21.45 0.05 0.00	30.09 0.03 0.00	33.92 0.05 0.00	34.36 0.06 0.00	33.82 0.07 0.00	36.20 0.08 0.00	34.93 0.10 0.00	34.57 0.11 0.00	23.13 0.13 0.00	24.60 0.21 0.00	31.78 0.28 0.00	31.05 0.27 0.00	22.27 0.18 0.00	22.11 0.19 0.00	21.94 0.17 0.00	21.54 0.13 0.00	22.10 0.08 0.00
JENNISON____1 23625	19.65 0.73 0.00	18.43 0.68 0.00	19.83 0.61 0.00	19.87 0.60 0.00	19.00 0.66 0.00	18.77 0.43 0.00	20.63 0.64 0.00	22.12 0.72 0.00	31.15 1.08 0.00	35.43 1.56 0.00	36.14 1.83 0.00	35.35 1.60 0.00	37.96 1.84 0.00	36.68 1.86 0.00	36.20 1.75 0.00	24.34 1.34 0.00	26.11 1.71 0.00	33.90 2.40 0.00	33.02 2.24 0.00	23.59 1.50 0.00	23.36 1.43 0.00	23.28 1.51 0.00	22.77 1.35 0.00	23.38 1.36 0.00
JENNISON____2 23626	19.65 0.73 0.00	18.43 0.68 0.00	19.83 0.61 0.00	19.87 0.60 0.00	19.00 0.66 0.00	18.77 0.43 0.00	20.63 0.64 0.00	22.12 0.72 0.00	31.15 1.08 0.00	35.43 1.56 0.00	36.14 1.83 0.00	35.35 1.60 0.00	37.96 1.84 0.00	36.68 1.86 0.00	36.20 1.75 0.00	24.34 1.34 0.00	26.11 1.71 0.00	33.90 2.40 0.00	33.02 2.24 0.00	23.59 1.50 0.00	23.36 1.43 0.00	23.28 1.51 0.00	22.77 1.35 0.00	23.38 1.36 0.00
JERICOHO_RISE_WT_PWR 323719	18.57 -0.35 0.00	17.38 -0.37 0.00	18.91 -0.31 0.00	19.04 -0.22 0.00	18.11 -0.23 0.00	18.05 -0.30 0.00	19.83 -0.16 0.00	21.38 -0.01 0.00	30.17 0.11 0.00	33.85 -0.02 0.00	34.16 -0.14 0.00	33.56 -0.19 0.00	35.93 -0.19 0.00	34.62 -0.21 0.00	34.32 -0.14 0.00	22.78 -0.22 0.00	24.00 -0.40 0.00	31.16 -0.35 0.00	30.54 -0.24 0.00	21.89 -0.21 0.00	21.74 -0.19 0.00	21.62 -0.14 0.00	21.41 0.00 0.00	22.15 0.13 0.00
KATONAH__115KV_46KV_TB4 355592	20.00 1.08 0.00	18.76 1.01 0.00	20.25 1.03 0.00	20.24 0.98 0.00	19.26 0.93 0.00	19.25 0.90 0.00	20.91 0.92 0.00	22.33 0.94 0.00	31.28 1.22 0.00	35.37 1.50 0.00	35.84 1.54 0.00	35.26 1.51 0.00	37.80 1.68 0.00	36.52 1.69 0.00	36.18 1.73 0.00	24.40 1.40 0.00	26.08 1.69 0.00	33.69 2.19 0.00	32.89 2.11 0.00	23.61 1.52 0.00	23.42 1.49 0.00	23.23 1.46 0.00	22.67 1.26 0.00	23.14 1.12 0.00
KCE_NY_1 323755	19.72 0.80 0.00	18.50 0.75 0.00	20.02 0.80 0.00	20.02 0.76 0.00	19.07 0.74 0.00	19.09 0.74 0.00	20.78 0.79 0.00	22.22 0.82 0.00	31.07 1.01 0.00	35.06 1.20 0.00	35.42 1.12 0.00	34.89 1.14 0.00	37.38 1.27 0.00	36.18 1.35 0.00	35.86 1.40 0.00	24.16 1.16 0.00	25.83 1.44 0.00	33.37 1.87 0.00	32.56 1.79 0.00	23.32 1.23 0.00	23.16 1.24 0.00	22.99 1.22 0.00	22.41 1.00 0.00	22.91 0.89 0.00
KCE_NY_6_ESR 323823	18.04 -0.87 0.00	16.92 -0.83 0.00	18.26 -0.97 0.00	18.40 -0.86 0.00	17.55 -0.79 0.00	17.43 -0.92 0.00	19.03 -0.96 0.00	19.92 -1.48 0.00	27.99 -2.07 0.00	31.77 -2.10 0.00	32.99 -1.31 0.00	32.71 -1.04 0.00	35.24 -0.89 0.00	33.67 -1.15 0.00	23.06 -1.29 10.10	21.06 -0.78 1.15	22.05 -0.62 1.73	25.99 -1.08 4.43	29.20 -1.06 0.51	21.37 -0.72 0.00	21.13 -0.79 0.00	21.15 -0.61 0.00	20.92 -0.50 0.00	21.90 -0.12 0.00
KEDC_PORT_JEFF_GT2 24210	20.35 1.44 0.00	19.16 1.41 0.00	20.63 1.41 0.00	20.60 1.34 0.00	19.57 1.23 0.00	19.60 1.25 0.00	21.18 1.20 0.00	22.57 1.17 0.00	31.67 1.61 0.00	35.68 1.81 0.00	36.42 2.12 0.00	35.89 2.14 0.00	38.37 2.25 0.00	37.08 2.26 0.00	37.53 2.44 -0.63	24.92 1.92 0.00	26.75 2.36 0.00	34.50 2.99 0.00	33.31 2.53 0.00	23.81 1.72 0.00	23.61 1.69 0.00	23.45 1.68 0.00	22.89 1.48 0.00	23.41 1.39 0.00
KEDC_PORT_JEFF_GT3 24211	20.35 1.44 0.00	19.16 1.41 0.00	20.63 1.41 0.00	20.60 1.34 0.00	19.57 1.23 0.00	19.60 1.25 0.00	21.18 1.20 0.00	22.57 1.17 0.00	31.67 1.61 0.00	35.68 1.81 0.00	36.42 2.12 0.00	35.89 2.14 0.00	38.37 2.25 0.00	37.08 2.26 0.00	37.53 2.44 -0.63	24.92 1.92 0.00	26.75 2.36 0.00	34.50 2.99 0.00	33.31 2.53 0.00	23.81 1.72 0.00	23.61 1.69 0.00	23.45 1.68 0.00	22.89 1.48 0.00	23.41 1.39 0.00
KEDC_GLWD_GT4 24219	20.24 1.32 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.45 1.19 0.00	19.44 1.11 0.00	19.45 1.10 0.00	21.06 1.07 0.00	22.44 1.05 0.00	31.47 1.41 0.00	35.60 1.73 0.00	36.24 1.94 0.00	35.69 1.94 0.00	38.25 2.13 0.00	36.92 2.10 0.00	37.28 2.19 -0.63	24.76 1.76 0.00	26.50 2.11 0.00	34.14 2.64 0.00	33.12 2.35 0.00	23.74 1.65 0.00	23.57 1.64 0.00	23.41 1.65 0.00	22.88 1.46 0.00	23.37 1.35 0.00
KEDC_GLWD_GT5 24220	20.24 1.32 0.00	19.01 1.26 0.00	20.48 1.26 0.00	20.45 1.19 0.00	19.44 1.11 0.00	19.45 1.10 0.00	21.06 1.07 0.00	22.44 1.05 0.00	31.47 1.41 0.00	35.60 1.73 0.00	36.24 1.94 0.00	35.69 1.94 0.00	38.25 2.13 0.00	36.92 2.10 0.00	37.28 2.19 -0.63	24.76 1.76 0.00	26.50 2.11 0.00	34.14 2.64 0.00	33.12 2.35 0.00	23.74 1.65 0.00	23.57 1.64 0.00	23.41 1.65 0.00	22.88 1.46 0.00	23.37 1.35 0.00
KENSICO____ 23655	19.94 1.02 0.00	18.70 0.95 0.00	20.18 0.96 0.00	20.16 0.90 0.00	19.19 0.85 0.00	19.17 0.82 0.00	20.82 0.83 0.00	22.23 0.84 0.00	31.12 1.06 0.00	35.19 1.32 0.00	35.65 1.35 0.00	35.07 1.31 0.00	37.59 1.47 0.00	36.31 1.49 0.00	35.99 1.53 0.00	24.29 1.29 0.00	25.94 1.55 0.00	33.48 1.98 0.00	32.68 1.90 0.00	23.48 1.39 0.00	23.29 1.37 0.00	23.12 1.35 0.00	22.57 1.16 0.00	23.04 1.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.96 1.05 0.00	18.70 0.95 0.00	20.20 0.98 0.00	20.20 0.94 0.00	19.23 0.89 0.00	19.21 0.87 0.00	20.91 0.92 0.00	22.36 0.96 0.00	31.32 1.26 0.00	35.38 1.51 0.00	35.84 1.53 0.00	35.23 1.47 0.00	37.84 1.72 0.00	36.49 1.66 0.00	36.08 1.63 0.00	24.24 1.24 0.00	26.04 1.65 0.00	33.71 2.21 0.00	32.91 2.13 0.00	23.64 1.55 0.00	23.43 1.51 0.00	23.26 1.49 0.00	22.73 1.32 0.00	23.22 1.20 0.00

KIAC_JFK_GT1 23816	20.18 1.26 0.00	18.93 1.18 0.00	20.41 1.19 0.00	20.38 1.12 0.00	19.38 1.05 0.00	19.37 1.02 0.00	21.03 1.05 0.00	22.38 0.99 0.00	31.34 1.28 0.00	35.42 1.56 0.00	35.88 1.58 0.00	35.25 1.50 0.00	37.77 1.65 0.00	36.53 1.71 0.00	36.23 1.77 0.00	24.47 1.47 0.00	26.14 1.75 0.00	33.70 2.20 0.00	32.91 2.14 0.00	23.72 1.63 0.00	23.47 1.55 0.00	23.24 1.48 0.00	22.72 1.30 0.00	23.16 1.15 0.00
KIAC_JFK_GT2 23817	20.18 1.26 0.00	18.93 1.18 0.00	20.41 1.19 0.00	20.38 1.12 0.00	19.38 1.05 0.00	19.37 1.02 0.00	21.03 1.05 0.00	22.38 0.99 0.00	31.34 1.28 0.00	35.42 1.56 0.00	35.88 1.58 0.00	35.25 1.50 0.00	37.77 1.65 0.00	36.53 1.71 0.00	36.23 1.77 0.00	24.47 1.47 0.00	26.14 1.75 0.00	33.70 2.20 0.00	32.91 2.14 0.00	23.72 1.63 0.00	23.47 1.55 0.00	23.24 1.48 0.00	22.72 1.30 0.00	23.16 1.15 0.00
KIAC_JFK____ 323774	20.18 1.26 0.00	18.93 1.19 0.00	20.41 1.19 0.00	20.38 1.12 0.00	19.38 1.05 0.00	19.37 1.03 0.00	21.04 1.05 0.00	22.38 0.98 0.00	31.34 1.28 0.00	35.42 1.56 0.00	35.88 1.58 0.00	35.25 1.50 0.00	37.78 1.66 0.00	36.53 1.71 0.00	36.23 1.77 0.00	24.47 1.48 0.00	26.14 1.75 0.00	33.70 2.20 0.00	32.91 2.13 0.00	23.72 1.63 0.00	23.47 1.55 0.00	23.24 1.48 0.00	22.72 1.30 0.00	23.16 1.15 0.00
KINTIGH____ 23543	17.75 -1.17 0.00	16.69 -1.06 0.00	18.00 -1.22 0.00	18.13 -1.13 0.00	17.30 -1.04 0.00	17.20 -1.15 0.00	18.73 -1.26 0.00	19.65 -1.75 0.00	27.61 -2.46 0.00	31.32 -2.55 0.00	32.39 -1.91 0.00	32.11 -1.64 0.00	34.54 -1.58 0.00	33.06 -1.76 0.00	32.56 -1.89 0.00	21.81 -1.20 0.00	23.29 -1.10 0.00	29.83 -1.67 0.00	29.13 -1.64 0.00	20.94 -1.15 0.00	20.74 -1.19 0.00	20.74 -1.03 0.00	20.49 -0.92 0.00	21.42 -0.60 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.84 -0.07 0.00	17.64 -0.11 0.00	19.17 -0.05 0.00	19.30 0.04 0.00	18.36 0.02 0.00	18.23 -0.11 0.00	20.10 0.11 0.00	21.68 0.28 0.00	30.62 0.56 0.00	34.32 0.46 0.00	34.70 0.39 0.00	34.11 0.36 0.00	36.56 0.44 0.00	35.29 0.46 0.00	34.97 0.51 0.00	23.26 0.27 0.00	24.55 0.16 0.00	31.91 0.41 0.00	31.29 0.51 0.00	22.37 0.28 0.00	22.18 0.25 0.00	22.06 0.30 0.00	21.79 0.38 0.00	22.54 0.52 0.00
LACHUTE____HYDRO 323717	19.99 1.07 0.00	18.83 1.08 0.00	20.38 1.16 0.00	20.37 1.11 0.00	19.45 1.12 0.00	19.43 1.09 0.00	21.25 1.27 0.00	22.78 1.39 0.00	31.79 1.73 0.00	35.94 2.07 0.00	36.22 1.92 0.00	35.85 2.10 0.00	38.47 2.35 0.00	37.41 2.59 0.00	37.58 3.12 0.00	25.44 2.44 0.00	27.26 2.86 0.00	35.13 3.63 0.00	34.43 3.65 0.00	24.49 2.40 0.00	24.15 2.23 0.00	24.05 2.28 0.00	23.14 1.72 0.00	23.50 1.48 0.00
LAWRNCV_115KV_TB1 80681	18.50 -0.42 0.00	17.35 -0.40 0.00	18.85 -0.37 0.00	18.93 -0.33 0.00	17.93 -0.40 0.00	17.88 -0.47 0.00	19.60 -0.38 0.00	21.30 -0.09 0.00	30.12 0.06 0.00	33.83 -0.04 0.00	34.15 -0.16 0.00	33.52 -0.23 0.00	35.79 -0.33 0.00	34.45 -0.38 0.00	34.12 -0.33 0.00	22.67 -0.33 0.00	23.71 -0.69 0.00	30.69 -0.81 0.00	30.03 -0.75 0.00	21.54 -0.55 0.00	21.37 -0.56 0.00	21.19 -0.57 0.00	21.09 -0.33 0.00	21.88 -0.14 0.00
LEDERLE____ 23769	19.99 1.07 0.00	18.74 0.99 0.00	20.22 1.00 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.21 0.87 0.00	20.87 0.89 0.00	22.29 0.90 0.00	31.22 1.16 0.00	35.30 1.43 0.00	35.78 1.47 0.00	35.21 1.45 0.00	37.74 1.62 0.00	36.47 1.65 0.00	36.10 1.65 0.00	24.34 1.34 0.00	25.99 1.60 0.00	33.58 2.08 0.00	32.78 2.00 0.00	23.54 1.45 0.00	23.35 1.43 0.00	23.18 1.42 0.00	22.65 1.24 0.00	23.13 1.11 0.00
LIGHTHSE_115KV_TB6 355974	18.38 -0.54 0.00	17.23 -0.52 0.00	18.71 -0.52 0.00	18.77 -0.49 0.00	17.86 -0.47 0.00	17.80 -0.55 0.00	19.32 -0.67 0.00	20.76 -0.64 0.00	29.21 -0.85 0.00	32.85 -1.02 0.00	33.43 -0.87 0.00	33.00 -0.75 0.00	35.35 -0.77 0.00	34.10 -0.73 0.00	33.80 -0.65 0.00	22.59 -0.41 0.00	24.06 -0.33 0.00	31.18 -0.32 0.00	30.44 -0.34 0.00	21.81 -0.28 0.00	21.63 -0.30 0.00	21.47 -0.29 0.00	21.06 -0.35 0.00	21.65 -0.37 0.00
LINDEN COGEN____ 23786	19.96 1.04 0.00	18.73 0.98 0.00	20.17 0.95 0.00	20.14 0.88 0.00	19.16 0.83 0.00	19.15 0.81 0.00	20.79 0.80 0.00	22.18 0.79 0.00	31.08 1.02 0.00	35.18 1.31 0.00	35.59 1.28 0.00	34.96 1.20 0.00	37.46 1.34 0.00	36.21 1.38 0.00	35.89 1.43 0.00	24.27 1.27 0.00	25.89 1.50 0.00	33.35 1.85 0.00	32.58 1.80 0.00	23.47 1.38 0.00	23.28 1.35 0.00	23.08 1.32 0.00	22.53 1.12 0.00	22.97 0.95 0.00
LINDHRST_69_KV_BK1 356055	20.36 1.44 0.00	19.15 1.40 0.00	20.62 1.40 0.00	20.58 1.32 0.00	19.56 1.22 0.00	19.58 1.23 0.00	21.17 1.18 0.00	22.56 1.17 0.00	31.66 1.60 0.00	35.75 1.89 0.00	36.44 2.13 0.00	35.92 2.17 0.00	38.45 2.33 0.00	37.14 2.32 0.00	37.55 2.46 -0.63	24.94 1.94 0.00	26.72 2.32 0.00	34.43 2.93 0.00	33.34 2.57 0.00	23.87 1.78 0.00	23.69 1.76 0.00	23.53 1.77 0.00	22.99 1.57 0.00	23.49 1.48 0.00
LIPA_MISC_IPP 23656	20.33 1.41 0.00	19.15 1.40 0.00	20.61 1.39 0.00	20.58 1.32 0.00	19.56 1.22 0.00	19.60 1.25 0.00	21.18 1.19 0.00	22.56 1.16 0.00	31.65 1.59 0.00	35.58 1.71 0.00	36.34 2.03 0.00	35.78 2.03 0.00	38.23 2.11 0.00	36.96 2.14 0.00	37.42 2.34 -0.63	24.83 1.83 0.00	26.67 2.27 0.00	34.42 2.91 0.00	33.15 2.38 0.00	23.69 1.60 0.00	23.49 1.56 0.00	23.34 1.57 0.00	22.77 1.36 0.00	23.31 1.29 0.00
LISF__SOLAR 323691	20.36 1.45 0.00	19.18 1.43 0.00	20.65 1.42 0.00	20.62 1.36 0.00	19.59 1.25 0.00	19.63 1.28 0.00	21.21 1.22 0.00	22.59 1.20 0.00	31.70 1.63 0.00	35.61 1.75 0.00	36.40 2.09 0.00	35.84 2.09 0.00	38.30 2.18 0.00	37.02 2.20 0.00	37.48 2.40 -0.63	24.87 1.87 0.00	26.71 2.32 0.00	34.49 2.99 0.00	33.23 2.45 0.00	23.74 1.65 0.00	23.53 1.60 0.00	23.37 1.61 0.00	22.81 1.40 0.00	23.34 1.32 0.00
LITTLE FALLS____HYD 24013	18.98 0.06 0.00	17.81 0.06 0.00	19.22 0.00 0.00	19.19 -0.07 0.00	18.30 -0.04 0.00	18.28 -0.06 0.00	19.82 -0.16 0.00	21.22 -0.17 0.00	29.68 -0.38 0.00	33.54 -0.32 0.00	33.96 -0.35 0.00	33.35 -0.40 0.00	35.84 -0.28 0.00	34.75 -0.08 0.00	34.40 -0.05 0.00	23.21 0.21 0.00	24.87 0.47 0.00	32.23 0.73 0.00	31.45 0.67 0.00	22.52 0.43 0.00	22.36 0.43 0.00	22.17 0.41 0.00	21.55 0.13 0.00	21.98 -0.04 0.00
LITTLRIV_115KV_TB1 356100	18.72 -0.20 0.00	17.54 -0.21 0.00	19.06 -0.17 0.00	19.13 -0.13 0.00	18.13 -0.20 0.00	18.10 -0.25 0.00	19.86 -0.12 0.00	21.60 0.20 0.00	30.56 0.50 0.00	34.32 0.46 0.00	34.63 0.33 0.00	34.00 0.25 0.00	36.29 0.17 0.00	34.92 0.09 0.00	34.61 0.15 0.00	23.01 0.01 0.00	24.06 -0.33 0.00	31.17 -0.34 0.00	30.50 -0.28 0.00	21.86 -0.23 0.00	21.67 -0.26 0.00	21.49 -0.28 0.00	21.37 -0.05 0.00	22.17 0.15 0.00

LI_NEWBRDGE___DRP 323616	20.09 1.17 0.00	18.88 1.13 0.00	20.34 1.12 0.00	20.31 1.05 0.00	19.31 0.98 0.00	19.31 0.97 0.00	20.90 0.91 0.00	22.27 0.88 0.00	31.22 1.16 0.00	35.30 1.43 0.00	35.92 1.61 0.00	35.37 1.62 0.00	37.87 1.75 0.00	36.58 1.76 0.00	36.95 1.86 -0.63	24.55 1.55 0.00	26.26 1.87 0.00	33.82 2.32 0.00	32.81 2.04 0.00	23.52 1.43 0.00	23.35 1.43 0.00	23.20 1.43 0.00	22.67 1.26 0.00	23.17 1.15 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.65 -1.27 0.00	16.58 -1.17 0.00	17.89 -1.34 0.00	18.04 -1.23 0.00	17.22 -1.12 0.00	17.08 -1.27 0.00	18.61 -1.38 0.00	19.42 -1.98 0.00	27.35 -2.71 0.00	31.07 -2.80 0.00	32.27 -2.03 0.00	32.01 -1.74 0.00	34.43 -1.69 0.00	32.90 -1.93 0.00	32.39 -2.07 0.00	21.71 -1.29 0.00	23.24 -1.16 0.00	29.75 -1.75 0.00	29.08 -1.70 0.00	20.89 -1.21 0.00	20.67 -1.26 0.00	20.67 -1.10 0.00	20.45 -0.96 0.00	21.50 -0.52 0.00
LOCKPORT___CC1 323769	17.65 -1.27 0.00	16.58 -1.17 0.00	17.88 -1.35 0.00	18.04 -1.23 0.00	17.21 -1.12 0.00	17.06 -1.29 0.00	18.61 -1.38 0.00	19.43 -1.97 0.00	27.34 -2.72 0.00	31.06 -2.81 0.00	32.26 -2.05 0.00	32.00 -1.75 0.00	34.41 -1.71 0.00	32.89 -1.94 0.00	24.25 -2.07 8.13	20.77 -1.30 0.93	21.83 -1.17 1.39	26.16 -1.77 3.57	28.64 -1.73 0.41	20.88 -1.21 0.00	20.66 -1.27 0.00	20.66 -1.10 0.00	20.45 -0.96 0.00	21.50 -0.52 0.00
LOCKPORT___CC2 323770	17.65 -1.27 0.00	16.58 -1.17 0.00	17.88 -1.35 0.00	18.04 -1.23 0.00	17.21 -1.12 0.00	17.06 -1.29 0.00	18.61 -1.38 0.00	19.43 -1.97 0.00	27.34 -2.72 0.00	31.06 -2.81 0.00	32.26 -2.05 0.00	32.00 -1.75 0.00	34.41 -1.71 0.00	32.89 -1.94 0.00	24.25 -2.07 8.13	20.77 -1.30 0.93	21.83 -1.17 1.39	26.16 -1.77 3.57	28.64 -1.73 0.41	20.88 -1.21 0.00	20.66 -1.27 0.00	20.66 -1.10 0.00	20.45 -0.96 0.00	21.50 -0.52 0.00
LOCKPORT___CC3 323771	17.65 -1.27 0.00	16.58 -1.17 0.00	17.88 -1.35 0.00	18.04 -1.23 0.00	17.21 -1.12 0.00	17.06 -1.29 0.00	18.61 -1.38 0.00	19.43 -1.97 0.00	27.34 -2.72 0.00	31.06 -2.81 0.00	32.26 -2.05 0.00	32.00 -1.75 0.00	34.41 -1.71 0.00	32.89 -1.94 0.00	24.25 -2.07 8.13	20.77 -1.30 0.93	21.83 -1.17 1.39	26.16 -1.77 3.57	28.64 -1.73 0.41	20.88 -1.21 0.00	20.66 -1.27 0.00	20.66 -1.10 0.00	20.45 -0.96 0.00	21.50 -0.52 0.00
LONG_LAKE_PHOENIX 24014	18.48 -0.44 0.00	17.32 -0.43 0.00	18.74 -0.48 0.00	18.79 -0.47 0.00	17.90 -0.43 0.00	17.88 -0.47 0.00	19.46 -0.53 0.00	20.74 -0.65 0.00	29.14 -0.93 0.00	32.88 -0.98 0.00	33.50 -0.81 0.00	33.01 -0.74 0.00	35.38 -0.74 0.00	34.09 -0.73 0.00	33.69 -0.77 0.00	22.50 -0.50 0.00	23.94 -0.45 0.00	30.91 -0.59 0.00	30.18 -0.60 0.00	21.66 -0.43 0.00	21.46 -0.47 0.00	21.31 -0.45 0.00	20.92 -0.49 0.00	21.51 -0.51 0.00
LOVETT___3 23632	19.97 1.05 0.00	18.74 0.99 0.00	20.22 0.99 0.00	20.20 0.94 0.00	19.22 0.89 0.00	19.20 0.86 0.00	20.86 0.87 0.00	22.27 0.88 0.00	31.18 1.12 0.00	35.26 1.39 0.00	35.73 1.43 0.00	35.15 1.40 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.07 1.62 0.00	24.33 1.33 0.00	25.99 1.60 0.00	33.56 2.06 0.00	32.75 1.98 0.00	23.53 1.44 0.00	23.34 1.42 0.00	23.17 1.40 0.00	22.62 1.21 0.00	23.09 1.07 0.00
LOVETT___4 23642	19.97 1.05 0.00	18.74 0.99 0.00	20.22 0.99 0.00	20.20 0.94 0.00	19.22 0.89 0.00	19.20 0.86 0.00	20.86 0.87 0.00	22.27 0.88 0.00	31.18 1.12 0.00	35.26 1.39 0.00	35.73 1.43 0.00	35.15 1.40 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.07 1.62 0.00	24.33 1.33 0.00	25.99 1.60 0.00	33.56 2.06 0.00	32.75 1.98 0.00	23.53 1.44 0.00	23.34 1.42 0.00	23.17 1.40 0.00	22.62 1.21 0.00	23.09 1.07 0.00
LOVETT___5 23593	19.97 1.05 0.00	18.74 0.99 0.00	20.22 0.99 0.00	20.20 0.94 0.00	19.22 0.89 0.00	19.20 0.86 0.00	20.86 0.87 0.00	22.27 0.88 0.00	31.18 1.12 0.00	35.26 1.39 0.00	35.73 1.43 0.00	35.15 1.40 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.07 1.62 0.00	24.33 1.33 0.00	25.99 1.60 0.00	33.56 2.06 0.00	32.75 1.98 0.00	23.53 1.44 0.00	23.34 1.42 0.00	23.17 1.40 0.00	22.62 1.21 0.00	23.09 1.07 0.00
LOWER RAQUET___HYD 24057	18.42 -0.50 0.00	17.27 -0.48 0.00	18.78 -0.45 0.00	18.85 -0.41 0.00	17.85 -0.49 0.00	17.77 -0.58 0.00	19.49 -0.50 0.00	21.20 -0.20 0.00	29.98 -0.08 0.00	33.66 -0.21 0.00	34.03 -0.27 0.00	33.42 -0.34 0.00	35.67 -0.45 0.00	34.35 -0.48 0.00	34.03 -0.43 0.00	22.60 -0.40 0.00	23.61 -0.79 0.00	30.58 -0.92 0.00	29.93 -0.85 0.00	21.45 -0.64 0.00	21.28 -0.65 0.00	21.11 -0.66 0.00	21.02 -0.40 0.00	21.82 -0.20 0.00
LOWER___HUDSON 24059	19.55 0.63 0.00	18.37 0.62 0.00	19.87 0.64 0.00	19.87 0.60 0.00	18.93 0.59 0.00	18.92 0.57 0.00	20.54 0.54 0.00	21.96 0.56 0.00	30.67 0.61 0.00	34.59 0.73 0.00	34.89 0.58 0.00	34.34 0.59 0.00	36.80 0.68 0.00	35.65 0.82 0.00	35.33 0.88 0.00	23.79 0.79 0.00	25.41 1.02 0.00	32.85 1.35 0.00	32.09 1.31 0.00	23.00 0.91 0.00	22.88 0.95 0.00	22.68 0.91 0.00	22.12 0.71 0.00	22.61 0.59 0.00
LOWVILLE_115KV_TB2 356335	18.47 -0.45 0.00	17.34 -0.40 0.00	18.93 -0.29 0.00	19.06 -0.20 0.00	18.04 -0.29 0.00	17.91 -0.44 0.00	19.49 -0.50 0.00	21.22 -0.17 0.00	29.93 -0.13 0.00	33.32 -0.54 0.00	33.83 -0.48 0.00	33.46 -0.30 0.00	35.69 -0.43 0.00	34.45 -0.37 0.00	34.29 -0.16 0.00	22.92 -0.08 0.00	24.57 0.17 0.00	32.03 0.53 0.00	31.25 0.47 0.00	22.38 0.29 0.00	22.13 0.20 0.00	21.95 0.18 0.00	21.55 0.14 0.00	22.18 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.72 0.80 0.00	18.51 0.75 0.00	20.03 0.80 0.00	20.02 0.76 0.00	19.08 0.75 0.00	19.08 0.74 0.00	20.76 0.77 0.00	22.20 0.81 0.00	31.05 0.99 0.00	35.05 1.18 0.00	35.39 1.08 0.00	34.86 1.10 0.00	37.37 1.25 0.00	36.15 1.33 0.00	35.85 1.40 0.00	24.16 1.16 0.00	25.81 1.42 0.00	33.36 1.86 0.00	32.57 1.79 0.00	23.32 1.23 0.00	23.15 1.23 0.00	22.98 1.21 0.00	22.40 0.99 0.00	22.91 0.89 0.00
LUTHERNY_35_KV_BK2 355980	19.72 0.81 0.00	18.50 0.75 0.00	20.02 0.80 0.00	20.02 0.76 0.00	19.07 0.74 0.00	19.09 0.74 0.00	20.78 0.79 0.00	22.22 0.82 0.00	31.07 1.01 0.00	35.06 1.20 0.00	35.43 1.12 0.00	34.89 1.14 0.00	37.39 1.27 0.00	36.18 1.36 0.00	35.86 1.40 0.00	24.16 1.16 0.00	25.83 1.44 0.00	33.37 1.88 0.00	32.56 1.79 0.00	23.32 1.23 0.00	23.16 1.24 0.00	22.99 1.22 0.00	22.41 0.99 0.00	22.91 0.89 0.00
LWR___OSWEGATCHIE_HYD 23850	18.33 -0.59 0.00	17.19 -0.56 0.00	18.73 -0.50 0.00	18.82 -0.44 0.00	17.82 -0.51 0.00	17.72 -0.63 0.00	19.35 -0.64 0.00	21.07 -0.33 0.00	29.77 -0.29 0.00	33.28 -0.58 0.00	33.72 -0.58 0.00	33.23 -0.52 0.00	35.47 -0.65 0.00	34.19 -0.63 0.00	33.97 -0.48 0.00	22.65 -0.35 0.00	23.95 -0.44 0.00	31.13 -0.37 0.00	30.42 -0.36 0.00	21.79 -0.30 0.00	21.58 -0.35 0.00	21.40 -0.37 0.00	21.15 -0.26 0.00	21.86 -0.16 0.00

LYONS_FALL_HYD 23570	18.79 -0.13 0.00	17.64 -0.11 0.00	19.19 -0.03 0.00	19.29 0.03 0.00	18.30 -0.04 0.00	18.21 -0.13 0.00	19.84 -0.15 0.00	21.46 0.06 0.00	30.22 0.16 0.00	33.82 -0.04 0.00	34.33 0.03 0.00	33.91 0.16 0.00	36.23 0.11 0.00	34.96 0.14 0.00	34.72 0.27 0.00	23.22 0.22 0.00	24.82 0.43 0.00	32.27 0.76 0.00	31.47 0.69 0.00	22.55 0.46 0.00	22.32 0.39 0.00	22.14 0.37 0.00	21.72 0.31 0.00	22.33 0.31 0.00
MADISON___COUNTY_LFGE 323628	19.25 0.33 0.00	18.05 0.30 0.00	19.56 0.33 0.00	19.62 0.36 0.00	18.67 0.33 0.00	18.65 0.30 0.00	20.33 0.33 0.00	21.78 0.39 0.00	30.61 0.55 0.00	34.52 0.65 0.00	35.10 0.80 0.00	34.59 0.83 0.00	37.06 0.94 0.00	35.73 0.91 0.00	35.38 0.93 0.00	23.69 0.69 0.00	25.27 0.88 0.00	32.69 1.19 0.00	31.89 1.11 0.00	22.84 0.75 0.00	22.62 0.70 0.00	22.46 0.70 0.00	22.01 0.60 0.00	22.59 0.57 0.00
MALONE___115KV_TB1 356076	18.78 -0.14 0.00	17.58 -0.17 0.00	19.12 -0.11 0.00	19.24 -0.02 0.00	18.28 -0.05 0.00	18.23 -0.12 0.00	20.03 0.04 0.00	21.66 0.27 0.00	30.61 0.55 0.00	34.39 0.52 0.00	34.72 0.42 0.00	34.12 0.37 0.00	36.50 0.38 0.00	35.19 0.37 0.00	34.84 0.38 0.00	23.15 0.15 0.00	24.36 -0.04 0.00	31.62 0.11 0.00	30.98 0.20 0.00	22.17 0.09 0.00	22.01 0.08 0.00	21.87 0.10 0.00	21.66 0.24 0.00	22.41 0.39 0.00
MAPLEWOD_115KV_TB3 80458	19.52 0.60 0.00	18.34 0.59 0.00	19.84 0.61 0.00	19.84 0.58 0.00	18.90 0.56 0.00	18.88 0.54 0.00	20.50 0.51 0.00	21.93 0.54 0.00	30.66 0.59 0.00	34.59 0.72 0.00	34.93 0.62 0.00	34.39 0.64 0.00	36.84 0.72 0.00	35.60 0.78 0.00	35.21 0.76 0.00	23.71 0.71 0.00	25.31 0.92 0.00	32.72 1.22 0.00	31.95 1.17 0.00	22.89 0.80 0.00	22.77 0.84 0.00	22.57 0.80 0.00	22.04 0.62 0.00	22.52 0.50 0.00
MAPLE_RIDGE_WT_1 323574	18.59 -0.33 0.00	17.43 -0.31 0.00	18.97 -0.26 0.00	19.08 -0.18 0.00	18.10 -0.23 0.00	18.04 -0.30 0.00	19.72 -0.27 0.00	21.24 -0.15 0.00	29.82 -0.24 0.00	33.47 -0.40 0.00	33.87 -0.44 0.00	33.28 -0.48 0.00	35.61 -0.51 0.00	34.30 -0.53 0.00	33.87 -0.59 0.00	22.62 -0.38 0.00	24.03 -0.37 0.00	31.12 -0.38 0.00	30.42 -0.36 0.00	21.85 -0.24 0.00	21.69 -0.23 0.00	21.54 -0.22 0.00	21.24 -0.18 0.00	21.90 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	18.59 -0.33 0.00	17.43 -0.31 0.00	18.97 -0.26 0.00	19.08 -0.18 0.00	18.10 -0.23 0.00	18.04 -0.30 0.00	19.72 -0.27 0.00	21.24 -0.15 0.00	29.82 -0.24 0.00	33.47 -0.40 0.00	33.87 -0.44 0.00	33.28 -0.48 0.00	35.61 -0.51 0.00	34.30 -0.53 0.00	33.87 -0.59 0.00	22.62 -0.38 0.00	24.03 -0.37 0.00	31.12 -0.38 0.00	30.42 -0.36 0.00	21.85 -0.24 0.00	21.69 -0.23 0.00	21.54 -0.22 0.00	21.24 -0.18 0.00	21.90 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	18.57 -0.35 0.00	17.38 -0.37 0.00	18.91 -0.31 0.00	19.05 -0.21 0.00	18.10 -0.23 0.00	18.01 -0.34 0.00	19.80 -0.19 0.00	21.35 -0.04 0.00	30.13 0.07 0.00	33.79 -0.07 0.00	34.12 -0.18 0.00	33.54 -0.21 0.00	35.94 -0.18 0.00	34.64 -0.18 0.00	34.35 -0.10 0.00	22.83 -0.17 0.00	24.06 -0.34 0.00	31.25 -0.25 0.00	30.64 -0.13 0.00	21.95 -0.14 0.00	21.79 -0.14 0.00	21.68 -0.08 0.00	21.44 0.03 0.00	22.19 0.17 0.00
MARSHVLE_115KV_TB1 80742	19.86 0.95 0.00	18.58 0.84 0.00	20.13 0.90 0.00	20.20 0.93 0.00	19.20 0.87 0.00	19.15 0.80 0.00	20.92 0.94 0.00	22.38 0.99 0.00	31.57 1.51 0.00	35.68 1.81 0.00	36.25 1.95 0.00	35.75 2.00 0.00	38.37 2.25 0.00	36.92 2.10 0.00	36.54 2.08 0.00	24.39 1.39 0.00	25.86 1.46 0.00	33.45 1.95 0.00	32.74 1.96 0.00	23.44 1.35 0.00	23.19 1.26 0.00	23.01 1.24 0.00	22.69 1.28 0.00	23.38 1.36 0.00
MARSH_HILL_WT_PWR 323713	18.75 -0.16 0.00	17.84 0.10 0.00	19.28 0.06 0.00	19.27 0.01 0.00	18.46 0.12 0.00	18.33 -0.02 0.00	20.02 0.03 0.00	21.42 0.02 0.00	30.11 0.05 0.00	34.04 0.17 0.00	35.03 0.73 0.00	34.56 0.81 0.00	37.08 0.96 0.00	35.38 0.55 0.00	37.28 0.55 -2.27	23.86 0.60 -0.26	25.76 0.98 -0.39	33.90 1.41 -1.00	32.29 1.40 -0.11	23.13 1.04 0.00	22.84 0.91 0.00	22.79 1.03 0.00	22.29 0.88 0.00	22.84 0.83 0.00
MCINTYRE_115KV_TB2 80467	18.92 0.00 0.00	17.73 -0.02 0.00	19.26 0.04 0.00	19.33 0.07 0.00	18.34 0.01 0.00	18.34 -0.01 0.00	20.15 0.15 0.00	21.88 0.49 0.00	30.95 0.89 0.00	34.76 0.90 0.00	35.00 0.69 0.00	34.34 0.59 0.00	36.66 0.54 0.00	35.26 0.44 0.00	34.95 0.49 0.00	23.23 0.23 0.00	24.34 -0.06 0.00	31.50 -0.01 0.00	30.83 0.05 0.00	22.10 0.01 0.00	21.91 -0.02 0.00	21.72 -0.05 0.00	21.58 0.17 0.00	22.38 0.36 0.00
MECO_____69_KV_BK1 80468	20.63 1.71 0.00	19.27 1.52 0.00	20.84 1.62 0.00	20.90 1.64 0.00	19.91 1.57 0.00	19.89 1.54 0.00	21.74 1.75 0.00	23.30 1.90 0.00	32.82 2.75 0.00	37.15 3.28 0.00	37.62 3.31 0.00	37.11 3.36 0.00	39.90 3.78 0.00	38.36 3.54 0.00	38.07 3.61 0.00	25.52 2.52 0.00	27.25 2.86 0.00	35.50 4.00 0.00	34.56 3.79 0.00	24.67 2.58 0.00	24.37 2.45 0.00	24.16 2.39 0.00	23.70 2.29 0.00	24.31 2.29 0.00
MENANDS___115KV_TB5 355628	19.46 0.54 0.00	18.28 0.53 0.00	19.77 0.55 0.00	19.77 0.51 0.00	18.84 0.50 0.00	18.82 0.48 0.00	20.43 0.44 0.00	21.85 0.45 0.00	30.54 0.47 0.00	34.44 0.58 0.00	34.77 0.47 0.00	34.22 0.47 0.00	36.65 0.53 0.00	35.42 0.59 0.00	35.01 0.56 0.00	23.57 0.57 0.00	25.16 0.77 0.00	32.52 1.02 0.00	31.75 0.97 0.00	22.76 0.67 0.00	22.64 0.72 0.00	22.44 0.68 0.00	21.91 0.50 0.00	22.40 0.38 0.00
MG INDUSTRY___DRP 24185	19.50 0.58 0.00	18.32 0.57 0.00	19.83 0.61 0.00	19.85 0.58 0.00	18.90 0.56 0.00	18.89 0.54 0.00	20.51 0.52 0.00	21.93 0.53 0.00	30.67 0.61 0.00	34.59 0.72 0.00	34.97 0.66 0.00	34.41 0.66 0.00	36.82 0.70 0.00	35.54 0.72 0.00	35.15 0.69 0.00	23.64 0.64 0.00	25.22 0.83 0.00	32.61 1.11 0.00	31.83 1.05 0.00	22.82 0.73 0.00	22.68 0.75 0.00	22.49 0.72 0.00	21.98 0.57 0.00	22.48 0.46 0.00
MID___OSWEGATCHIE_HYD 23849	18.33 -0.59 0.00	17.19 -0.56 0.00	18.73 -0.50 0.00	18.82 -0.44 0.00	17.82 -0.51 0.00	17.72 -0.63 0.00	19.35 -0.64 0.00	21.07 -0.33 0.00	29.77 -0.29 0.00	33.28 -0.58 0.00	33.72 -0.58 0.00	33.23 -0.52 0.00	35.47 -0.65 0.00	34.19 -0.63 0.00	33.97 -0.48 0.00	22.65 -0.35 0.00	23.95 -0.44 0.00	31.13 -0.37 0.00	30.42 -0.36 0.00	21.79 -0.30 0.00	21.58 -0.35 0.00	21.40 -0.37 0.00	21.15 -0.26 0.00	21.86 -0.16 0.00
MID___RAQUETTE_HYD 23851	18.42 -0.50 0.00	17.27 -0.48 0.00	18.78 -0.45 0.00	18.85 -0.41 0.00	17.85 -0.49 0.00	17.77 -0.58 0.00	19.49 -0.50 0.00	21.20 -0.20 0.00	29.98 -0.08 0.00	33.66 -0.21 0.00	34.03 -0.28 0.00	33.42 -0.34 0.00	35.67 -0.45 0.00	34.34 -0.48 0.00	34.03 -0.43 0.00	22.60 -0.39 0.00	23.61 -0.79 0.00	30.58 -0.92 0.00	29.93 -0.85 0.00	21.45 -0.64 0.00	21.28 -0.65 0.00	21.11 -0.66 0.00	21.02 -0.40 0.00	21.82 -0.20 0.00

MILLIKEN___1 23584	19.15 0.23 0.00	17.95 0.20 0.00	19.43 0.21 0.00	19.49 0.23 0.00	18.55 0.22 0.00	18.54 0.19 0.00	20.21 0.22 0.00	21.58 0.18 0.00	30.31 0.25 0.00	34.21 0.35 0.00	34.90 0.59 0.00	34.40 0.64 0.00	36.90 0.78 0.00	35.48 0.66 0.00	35.08 0.62 0.00	23.53 0.53 0.00	25.11 0.72 0.00	32.46 0.95 0.00	31.69 0.91 0.00	22.72 0.63 0.00	22.50 0.57 0.00	22.37 0.60 0.00	21.89 0.48 0.00	22.48 0.46 0.00
MILLIKEN___2 23585	19.15 0.23 0.00	17.95 0.20 0.00	19.43 0.21 0.00	19.49 0.23 0.00	18.55 0.22 0.00	18.54 0.19 0.00	20.21 0.22 0.00	21.58 0.18 0.00	30.31 0.25 0.00	34.21 0.35 0.00	34.90 0.59 0.00	34.40 0.64 0.00	36.90 0.78 0.00	35.48 0.66 0.00	35.08 0.62 0.00	23.53 0.53 0.00	25.11 0.72 0.00	32.46 0.95 0.00	31.69 0.91 0.00	22.72 0.63 0.00	22.50 0.57 0.00	22.37 0.60 0.00	21.89 0.48 0.00	22.48 0.46 0.00
MILLIKEN___DIESEL 23629	19.15 0.23 0.00	17.95 0.20 0.00	19.43 0.21 0.00	19.49 0.23 0.00	18.55 0.22 0.00	18.54 0.19 0.00	20.21 0.22 0.00	21.58 0.18 0.00	30.31 0.25 0.00	34.21 0.35 0.00	34.90 0.59 0.00	34.40 0.64 0.00	36.90 0.78 0.00	35.48 0.66 0.00	35.08 0.62 0.00	23.53 0.53 0.00	25.11 0.72 0.00	32.46 0.95 0.00	31.69 0.91 0.00	22.72 0.63 0.00	22.50 0.57 0.00	22.37 0.60 0.00	21.89 0.48 0.00	22.48 0.46 0.00
MILLSEAT___LFGE 323607	17.99 -0.93 0.00	16.89 -0.86 0.00	18.21 -1.01 0.00	18.36 -0.91 0.00	17.52 -0.81 0.00	17.39 -0.96 0.00	18.99 -1.00 0.00	19.88 -1.52 0.00	28.00 -2.06 0.00	31.82 -2.04 0.00	32.98 -1.33 0.00	32.68 -1.07 0.00	35.13 -0.99 0.00	33.62 -1.21 0.00	25.76 -1.34 7.36	21.34 -0.82 0.84	22.50 -0.64 1.26	27.26 -1.01 3.23	29.42 -0.99 0.37	21.37 -0.72 0.00	21.13 -0.80 0.00	21.11 -0.66 0.00	20.86 -0.55 0.00	21.87 -0.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.91 0.99 0.00	18.68 0.93 0.00	20.16 0.93 0.00	20.14 0.88 0.00	19.17 0.83 0.00	19.15 0.80 0.00	20.80 0.81 0.00	22.21 0.81 0.00	31.10 1.04 0.00	35.14 1.28 0.00	35.61 1.30 0.00	35.02 1.27 0.00	37.55 1.43 0.00	36.28 1.46 0.00	35.95 1.49 0.00	24.24 1.25 0.00	25.90 1.51 0.00	33.44 1.94 0.00	32.63 1.86 0.00	23.45 1.36 0.00	23.26 1.33 0.00	23.08 1.32 0.00	22.54 1.13 0.00	23.01 0.99 0.00
MILLWOOD_13_KV_LOAD 356217	19.95 1.03 0.00	18.72 0.97 0.00	20.20 0.98 0.00	20.18 0.92 0.00	19.21 0.87 0.00	19.19 0.84 0.00	20.84 0.86 0.00	22.25 0.86 0.00	31.17 1.11 0.00	35.24 1.37 0.00	35.70 1.40 0.00	35.12 1.36 0.00	37.64 1.52 0.00	36.38 1.55 0.00	36.04 1.58 0.00	24.31 1.31 0.00	25.97 1.58 0.00	33.54 2.04 0.00	32.73 1.95 0.00	23.51 1.42 0.00	23.32 1.39 0.00	23.15 1.38 0.00	22.60 1.18 0.00	23.07 1.05 0.00
MODEL_CITY_ENERGY 24167	17.45 -1.47 0.00	16.40 -1.35 0.00	17.68 -1.55 0.00	17.83 -1.42 0.00	17.03 -1.30 0.00	16.87 -1.48 0.00	18.40 -1.59 0.00	19.19 -2.20 0.00	27.01 -3.05 0.00	30.69 -3.18 0.00	31.87 -2.43 0.00	31.62 -2.14 0.00	33.98 -2.14 0.00	32.48 -2.35 0.00	23.52 -2.47 8.47	20.48 -1.56 0.97	21.50 -1.45 1.45	25.64 -2.15 3.71	28.27 -2.08 0.43	20.63 -1.46 0.00	20.41 -1.52 0.00	20.41 -1.36 0.00	20.21 -1.20 0.00	21.26 -0.76 0.00
MODERN_LFGE___ 323580	17.45 -1.47 0.00	16.40 -1.35 0.00	17.68 -1.55 0.00	17.83 -1.42 0.00	17.03 -1.30 0.00	16.87 -1.48 0.00	18.40 -1.59 0.00	19.19 -2.20 0.00	27.01 -3.05 0.00	30.69 -3.18 0.00	31.87 -2.43 0.00	31.62 -2.14 0.00	33.98 -2.14 0.00	32.48 -2.35 0.00	23.52 -2.47 8.47	20.48 -1.56 0.97	21.50 -1.45 1.45	25.64 -2.15 3.71	28.27 -2.08 0.43	20.63 -1.46 0.00	20.41 -1.52 0.00	20.41 -1.36 0.00	20.21 -1.20 0.00	21.26 -0.76 0.00
MOHAWK_PAPER___DRP 24187	19.52 0.60 0.00	18.34 0.59 0.00	19.84 0.61 0.00	19.84 0.58 0.00	18.90 0.56 0.00	18.88 0.54 0.00	20.50 0.51 0.00	21.93 0.54 0.00	30.66 0.59 0.00	34.59 0.72 0.00	34.93 0.62 0.00	34.39 0.64 0.00	36.84 0.72 0.00	35.60 0.78 0.00	35.21 0.76 0.00	23.71 0.71 0.00	25.31 0.92 0.00	32.72 1.22 0.00	31.95 1.17 0.00	22.89 0.80 0.00	22.77 0.84 0.00	22.57 0.80 0.00	22.04 0.62 0.00	22.52 0.50 0.00
MOHICAN___35_KV_115KV_LD 80490	19.71 0.79 0.00	18.51 0.76 0.00	20.03 0.80 0.00	20.02 0.76 0.00	19.09 0.76 0.00	19.08 0.74 0.00	20.78 0.79 0.00	22.24 0.85 0.00	31.12 1.06 0.00	35.12 1.26 0.00	35.43 1.12 0.00	34.95 1.20 0.00	37.48 1.36 0.00	36.32 1.50 0.00	36.15 1.69 0.00	24.39 1.40 0.00	26.09 1.70 0.00	33.70 2.19 0.00	32.96 2.19 0.00	23.55 1.46 0.00	23.31 1.39 0.00	23.17 1.40 0.00	22.51 1.09 0.00	22.97 0.95 0.00
MONGAUP___HYD 23641	19.75 0.83 0.00	18.51 0.76 0.00	19.99 0.77 0.00	19.99 0.73 0.00	19.03 0.69 0.00	19.02 0.67 0.00	20.69 0.70 0.00	22.12 0.72 0.00	30.97 0.91 0.00	35.04 1.18 0.00	35.39 1.08 0.00	34.77 1.02 0.00	37.30 1.18 0.00	35.97 1.15 0.00	35.65 1.20 0.00	23.87 0.87 0.00	25.68 1.29 0.00	33.43 1.93 0.00	32.53 1.76 0.00	23.32 1.23 0.00	23.12 1.19 0.00	22.94 1.17 0.00	22.42 1.00 0.00	22.92 0.90 0.00
MONTAUK___DIESEL 23721	20.51 1.59 0.00	19.33 1.58 0.00	20.73 1.50 0.00	20.69 1.43 0.00	19.72 1.38 0.00	19.88 1.54 0.00	21.53 1.54 0.00	22.88 1.48 0.00	32.22 2.16 0.00	36.29 2.42 0.00	37.14 2.84 0.00	36.44 2.69 0.00	39.09 2.97 0.00	37.85 3.02 0.00	38.33 3.24 -0.63	25.43 2.43 0.00	27.40 3.00 0.00	35.25 3.75 0.00	33.96 3.18 0.00	24.27 2.18 0.00	24.03 2.10 0.00	23.82 2.05 0.00	23.24 1.82 0.00	23.79 1.77 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.51 -0.40 0.00	17.26 -0.49 0.00	18.68 -0.55 0.00	18.80 -0.46 0.00	17.90 -0.44 0.00	17.89 -0.46 0.00	19.49 -0.49 0.00	20.51 -0.89 0.00	28.82 -1.24 0.00	32.65 -1.22 0.00	33.86 -0.44 0.00	33.59 -0.16 0.00	36.17 0.05 0.00	34.59 -0.23 0.00	34.00 -0.46 0.00	22.80 -0.20 0.00	24.41 0.01 0.00	31.26 -0.24 0.00	30.52 -0.26 0.00	21.98 -0.11 0.00	21.73 -0.20 0.00	21.83 0.06 0.00	21.49 0.08 0.00	22.38 0.37 0.00
MORTIMER_115KV_TB3 55949	18.18 -0.74 0.00	17.08 -0.67 0.00	18.43 -0.79 0.00	18.54 -0.72 0.00	17.68 -0.66 0.00	17.62 -0.73 0.00	19.20 -0.79 0.00	20.26 -1.13 0.00	28.50 -1.56 0.00	32.31 -1.56 0.00	33.26 -1.05 0.00	32.91 -0.84 0.00	35.36 -0.76 0.00	33.92 -0.90 0.00	33.45 -1.01 0.00	22.37 -0.63 0.00	23.89 -0.50 0.00	30.72 -0.78 0.00	30.00 -0.77 0.00	21.52 -0.57 0.00	21.31 -0.62 0.00	21.25 -0.52 0.00	20.93 -0.49 0.00	21.74 -0.27 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.22 0.96 0.00	19.24 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.27 0.88 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.75 1.44 0.00	35.13 1.38 0.00	37.64 1.52 0.00	36.38 1.56 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.64 0.00	33.55 2.05 0.00	32.76 1.99 0.00	23.58 1.49 0.00	23.38 1.46 0.00	23.19 1.42 0.00	22.64 1.23 0.00	23.09 1.07 0.00

MUNSVILLE_WIND_PWR 323609	20.06 1.14 0.00	18.69 0.95 0.00	20.19 0.96 0.00	20.41 1.15 0.00	19.46 1.13 0.00	19.35 1.01 0.00	21.20 1.21 0.00	22.73 1.34 0.00	32.16 2.10 0.00	36.63 2.77 0.00	37.34 3.04 0.00	36.57 2.82 0.00	39.23 3.11 0.00	37.75 2.92 0.00	39.62 2.89 -2.28	25.33 2.07 -0.26	27.39 2.61 -0.39	36.12 3.61 -1.00	34.27 3.38 -0.12	24.39 2.30 0.00	24.11 2.18 0.00	24.00 2.24 0.00	23.47 2.06 0.00	24.10 2.08 0.00
N SALMON___HYD 24042	18.78 -0.14 0.00	17.58 -0.17 0.00	19.12 -0.10 0.00	19.24 -0.02 0.00	18.28 -0.05 0.00	18.23 -0.12 0.00	20.03 0.04 0.00	21.66 0.27 0.00	30.61 0.55 0.00	34.39 0.52 0.00	34.72 0.42 0.00	34.12 0.37 0.00	36.50 0.38 0.00	35.19 0.37 0.00	34.84 0.38 0.00	23.15 0.15 0.00	24.36 -0.04 0.00	31.62 0.11 0.00	30.98 0.20 0.00	22.17 0.08 0.00	22.01 0.08 0.00	21.87 0.10 0.00	21.66 0.24 0.00	22.41 0.39 0.00
N.AKRON__115KV_KNAPP 355671	17.98 -0.94 0.00	16.89 -0.86 0.00	18.21 -1.01 0.00	18.35 -0.91 0.00	17.52 -0.81 0.00	17.40 -0.94 0.00	18.98 -1.02 0.00	19.86 -1.54 0.00	27.99 -2.07 0.00	31.80 -2.06 0.00	32.97 -1.34 0.00	32.68 -1.07 0.00	35.14 -0.98 0.00	33.61 -1.22 0.00	33.09 -1.36 0.00	22.17 -0.83 0.00	23.74 -0.65 0.00	30.46 -1.04 0.00	29.77 -1.01 0.00	21.36 -0.73 0.00	21.12 -0.81 0.00	21.10 -0.67 0.00	20.85 -0.56 0.00	21.87 -0.15 0.00
N.BELMOR_69_KV_BK1 55787	20.21 1.29 0.00	18.99 1.24 0.00	20.46 1.23 0.00	20.43 1.17 0.00	19.41 1.08 0.00	19.42 1.08 0.00	21.02 1.03 0.00	22.40 1.01 0.00	31.42 1.36 0.00	35.53 1.66 0.00	36.18 1.88 0.00	35.65 1.90 0.00	38.17 2.06 0.00	36.87 2.05 0.00	37.23 2.15 -0.63	24.74 1.74 0.00	26.47 2.08 0.00	34.11 2.61 0.00	33.07 2.29 0.00	23.69 1.59 0.00	23.52 1.59 0.00	23.36 1.60 0.00	22.84 1.43 0.00	23.33 1.31 0.00
N.E_GEN_SANDY PD 24062	19.67 0.76 0.00	18.49 0.74 0.00	19.99 0.77 0.00	19.98 0.72 0.00	19.04 0.70 0.00	19.01 0.66 0.00	20.57 0.64 0.06	22.04 0.64 0.00	30.75 0.69 0.00	34.56 0.82 0.12	34.99 0.68 0.00	34.43 0.68 0.00	36.90 0.78 0.00	37.55 0.95 -1.77	34.91 1.01 0.55	23.90 0.90 0.00	25.55 1.16 0.00	33.04 1.54 0.00	30.75 1.50 1.53	23.15 1.06 0.00	23.11 1.10 -0.08	23.01 1.05 -0.20	22.09 0.83 0.15	22.56 0.68 0.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.95 1.04 0.00	18.72 0.97 0.00	20.20 0.98 0.00	20.18 0.92 0.00	19.20 0.87 0.00	19.19 0.84 0.00	20.84 0.86 0.00	22.25 0.86 0.00	31.17 1.11 0.00	35.24 1.37 0.00	35.71 1.41 0.00	35.13 1.38 0.00	37.66 1.55 0.00	36.39 1.56 0.00	36.05 1.60 0.00	24.31 1.31 0.00	25.96 1.57 0.00	33.53 2.03 0.00	32.72 1.95 0.00	23.51 1.42 0.00	23.32 1.40 0.00	23.15 1.38 0.00	22.60 1.19 0.00	23.09 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	20.12 1.20 0.00	18.88 1.13 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.98 0.00	19.30 0.95 0.00	20.95 0.96 0.00	22.31 0.91 0.00	31.34 1.27 0.00	35.46 1.59 0.00	35.90 1.60 0.00	35.25 1.50 0.00	37.77 1.66 0.00	36.52 1.70 0.00	36.26 1.81 0.00	24.50 1.51 0.00	26.17 1.77 0.00	33.67 2.17 0.00	32.95 2.17 0.00	23.73 1.64 0.00	23.50 1.58 0.00	23.30 1.53 0.00	22.76 1.34 0.00	23.22 1.20 0.00
N.TROY___115KV_TB1 355778	19.55 0.63 0.00	18.37 0.62 0.00	19.87 0.64 0.00	19.87 0.60 0.00	18.93 0.59 0.00	18.92 0.57 0.00	20.54 0.54 0.00	21.96 0.56 0.00	30.67 0.61 0.00	34.59 0.73 0.00	34.89 0.58 0.00	34.34 0.59 0.00	36.80 1.55 0.00	35.64 1.56 0.00	35.33 1.52 0.00	23.79 0.79 0.00	25.41 1.02 0.00	32.85 1.35 0.00	32.09 1.31 0.00	23.00 0.91 0.00	22.88 0.95 0.00	22.68 0.91 0.00	22.12 0.71 0.00	22.61 0.59 0.00
NARROWS_GT1_1 24228	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT1_2 24229	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT1_3 24230	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT1_4 24231	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT1_5 24232	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT1_6 24233	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT1_7 24234	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00

NARROWS_GT1_8 24235	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_1 24236	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_2 24237	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_3 24238	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_4 24239	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_5 24240	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_6 24241	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_7 24242	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NARROWS_GT2_8 24243	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.72 2.22 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.82 0.90 0.00	18.61 0.86 0.00	20.14 0.92 0.00	20.15 0.89 0.00	19.20 0.87 0.00	19.21 0.86 0.00	20.88 0.89 0.00	22.37 0.98 0.00	31.33 1.27 0.00	35.35 1.49 0.00	35.73 1.43 0.00	35.16 1.41 0.00	37.66 1.54 0.00	36.28 1.45 0.00	35.83 1.37 0.00	24.13 1.13 0.00	25.83 1.44 0.00	33.50 2.00 0.00	32.70 1.92 0.00	23.37 1.28 0.00	23.19 1.26 0.00	22.97 1.21 0.00	22.39 0.98 0.00	22.89 0.87 0.00
NCHELSEA_115KV_TR2 355582	19.99 1.07 0.00	18.74 1.00 0.00	20.25 1.02 0.00	20.24 0.98 0.00	19.26 0.93 0.00	19.25 0.90 0.00	20.92 0.93 0.00	22.35 0.96 0.00	31.30 1.23 0.00	35.37 1.50 0.00	35.83 1.53 0.00	35.27 1.52 0.00	37.81 1.69 0.00	36.52 1.70 0.00	36.18 1.72 0.00	24.37 1.37 0.00	26.07 1.68 0.00	33.71 2.21 0.00	32.90 2.12 0.00	23.61 1.52 0.00	23.41 1.48 0.00	23.22 1.46 0.00	22.67 1.26 0.00	23.16 1.14 0.00
NEG CAPITAL___MECHNVIL 23645	19.71 0.80 0.00	18.50 0.75 0.00	20.01 0.79 0.00	20.02 0.76 0.00	19.07 0.73 0.00	19.07 0.72 0.00	20.74 0.75 0.00	22.18 0.78 0.00	31.03 0.97 0.00	35.03 1.16 0.00	35.35 1.05 0.00	34.84 1.08 0.00	37.35 1.23 0.00	36.14 1.31 0.00	35.83 1.38 0.00	24.14 1.14 0.00	25.80 1.40 0.00	33.36 1.86 0.00	32.56 1.78 0.00	23.32 1.23 0.00	23.15 1.23 0.00	22.96 1.20 0.00	22.39 0.98 0.00	22.88 0.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.97 -0.95 0.00	16.86 -0.88 0.00	18.21 -1.01 0.00	18.31 -0.95 0.00	17.45 -0.88 0.00	17.40 -0.95 0.00	18.98 -1.01 0.00	20.09 -1.30 0.00	28.26 -1.80 0.00	32.01 -1.86 0.00	32.87 -1.44 0.00	32.48 -1.27 0.00	34.87 -1.25 0.00	33.50 -1.33 0.00	29.95 -1.42 3.08	21.76 -0.89 0.35	23.07 -0.80 0.53	29.03 -1.12 1.35	29.51 -1.11 0.15	21.27 -0.83 0.00	21.05 -0.88 0.00	20.96 -0.81 0.00	20.62 -0.80 0.00	21.35 -0.67 0.00
NEG CENTRAL___DRP 24199	18.78 -0.14 0.00	17.61 -0.14 0.00	19.06 -0.17 0.00	19.11 -0.15 0.00	18.20 -0.14 0.00	18.18 -0.16 0.00	19.81 -0.18 0.00	21.11 -0.28 0.00	29.62 -0.45 0.00	33.42 -0.45 0.00	34.18 -0.13 0.00	33.73 -0.02 0.00	36.21 0.08 0.00	34.77 -0.06 0.00	34.37 -0.08 0.00	23.07 0.07 0.00	24.64 0.24 0.00	31.81 0.31 0.00	31.05 0.27 0.00	22.30 0.21 0.00	22.07 0.14 0.00	21.95 0.18 0.00	21.50 0.09 0.00	22.12 0.10 0.00
NEG CENTRAL___INDECK 23768	18.99 0.07 0.00	17.87 0.12 0.00	19.29 0.07 0.00	19.35 0.09 0.00	18.48 0.14 0.00	18.41 0.07 0.00	20.12 0.13 0.00	21.39 -0.01 0.00	30.13 0.06 0.00	34.08 0.21 0.00	35.04 0.73 0.00	34.56 0.81 0.00	36.91 0.79 0.00	35.32 0.50 0.00	36.44 0.47 -1.52	23.66 0.49 -0.17	25.48 0.83 -0.26	33.39 1.22 -0.66	32.11 1.26 -0.08	22.99 0.90 0.00	22.69 0.77 0.00	22.64 0.87 0.00	22.20 0.79 0.00	22.91 0.89 0.00

NEG CENTRAL___SENECA 23627	18.83 -0.09 0.00	17.66 -0.09 0.00	19.10 -0.12 0.00	19.15 -0.11 0.00	18.25 -0.08 0.00	18.23 -0.12 0.00	19.87 -0.12 0.00	21.17 -0.22 0.00	29.70 -0.37 0.00	33.51 -0.35 0.00	34.36 0.05 0.00	33.90 0.14 0.00	36.37 0.25 0.00	34.89 0.07 0.00	34.53 0.07 0.00	23.21 0.21 0.00	24.83 0.44 0.00	32.06 0.56 0.00	31.28 0.50 0.00	22.49 0.40 0.00	22.23 0.30 0.00	22.13 0.36 0.00	21.67 0.26 0.00	22.30 0.28 0.00
NEG CENTRAL___STATE_STREET 24147	18.88 -0.04 0.00	17.73 -0.02 0.00	19.21 -0.02 0.00	19.26 0.00 0.00	18.31 -0.03 0.00	18.32 -0.03 0.00	19.96 -0.03 0.00	21.29 -0.10 0.00	29.86 -0.20 0.00	33.63 -0.24 0.00	34.31 0.01 0.00	33.93 0.17 0.00	36.41 0.29 0.00	34.99 0.16 0.00	34.57 0.12 0.00	23.18 0.18 0.00	24.68 0.29 0.00	31.85 0.35 0.00	31.13 0.36 0.00	22.30 0.21 0.00	22.11 0.18 0.00	21.98 0.22 0.00	21.48 0.07 0.00	22.14 0.12 0.00
NEG MILLWOOD___DRP 24198	20.06 1.15 0.00	18.83 1.08 0.00	20.32 1.10 0.00	20.31 1.06 0.00	19.34 1.00 0.00	19.32 0.98 0.00	21.00 1.01 0.00	22.43 1.04 0.00	31.43 1.36 0.00	35.53 1.67 0.00	36.01 1.71 0.00	35.43 1.68 0.00	37.99 1.87 0.00	36.70 1.87 0.00	36.35 1.90 0.00	24.50 1.51 0.00	26.21 1.81 0.00	33.88 2.37 0.00	33.07 2.29 0.00	23.72 1.64 0.00	23.52 1.60 0.00	23.33 1.57 0.00	22.78 1.36 0.00	23.25 1.23 0.00
NEG NORTH_FLCN_SEA 23793	18.83 -0.10 0.00	17.62 -0.13 0.00	19.15 -0.08 0.00	19.26 0.00 0.00	18.31 -0.02 0.00	18.15 -0.20 0.00	20.06 0.07 0.00	21.63 0.23 0.00	30.53 0.46 0.00	34.22 0.35 0.00	34.58 0.27 0.00	34.00 0.24 0.00	36.45 0.33 0.00	35.20 0.38 0.00	34.88 0.42 0.00	23.20 0.20 0.00	24.48 0.08 0.00	31.78 0.28 0.00	31.16 0.39 0.00	22.29 0.20 0.00	22.11 0.18 0.00	22.00 0.23 0.00	21.73 0.32 0.00	22.48 0.46 0.00
NEG NORTH_KES_CHATAGAY 23792	18.65 -0.27 0.00	17.46 -0.29 0.00	18.99 -0.23 0.00	19.12 -0.14 0.00	18.18 -0.15 0.00	18.11 -0.24 0.00	19.90 -0.09 0.00	21.47 0.07 0.00	30.29 0.23 0.00	34.01 0.15 0.00	34.32 0.01 0.00	33.72 -0.03 0.00	36.10 -0.02 0.00	34.77 -0.05 0.00	34.46 0.01 0.00	22.89 -0.11 0.00	24.13 -0.26 0.00	31.34 -0.16 0.00	30.72 -0.06 0.00	22.00 -0.09 0.00	21.85 -0.08 0.00	21.73 -0.04 0.00	21.51 0.09 0.00	22.25 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	18.84 -0.07 0.00	17.64 -0.11 0.00	19.17 -0.05 0.00	19.30 0.04 0.00	18.36 0.02 0.00	18.23 -0.11 0.00	20.10 0.11 0.00	21.68 0.28 0.00	30.62 0.56 0.00	34.32 0.46 0.00	34.70 0.39 0.00	34.11 0.36 0.00	36.56 0.44 0.00	35.29 0.46 0.00	34.97 0.51 0.00	23.26 0.27 0.00	24.55 0.16 0.00	31.91 0.41 0.00	31.29 0.51 0.00	22.37 0.28 0.00	22.18 0.25 0.00	22.06 0.30 0.00	21.79 0.38 0.00	22.54 0.52 0.00
NEG NORTH___LWR_SARANAC 23913	18.84 -0.07 0.00	17.64 -0.11 0.00	19.17 -0.05 0.00	19.30 0.04 0.00	18.36 0.02 0.00	18.23 -0.11 0.00	20.10 0.11 0.00	21.68 0.28 0.00	30.62 0.56 0.00	34.32 0.46 0.00	34.70 0.39 0.00	34.11 0.36 0.00	36.56 0.44 0.00	35.29 0.46 0.00	34.97 0.51 0.00	23.26 0.27 0.00	24.55 0.16 0.00	31.91 0.41 0.00	31.29 0.51 0.00	22.37 0.28 0.00	22.18 0.25 0.00	22.06 0.30 0.00	21.79 0.38 0.00	22.54 0.52 0.00
NEG NORTH___PLATTSBURG 23628	18.85 -0.07 0.00	17.64 -0.11 0.00	19.17 -0.05 0.00	19.30 0.04 0.00	18.36 0.02 0.00	18.23 -0.11 0.00	20.10 0.11 0.00	21.68 0.28 0.00	30.62 0.56 0.00	34.32 0.46 0.00	34.70 0.39 0.00	34.11 0.36 0.00	36.56 0.44 0.00	35.29 0.46 0.00	34.97 0.51 0.00	23.26 0.27 0.00	24.55 0.16 0.00	31.91 0.41 0.00	31.29 0.51 0.00	22.37 0.28 0.00	22.18 0.25 0.00	22.06 0.30 0.00	21.79 0.38 0.00	22.54 0.52 0.00
NEG WEST_LEA_LOCKPORT 23791	17.65 -1.27 0.00	16.58 -1.17 0.00	17.88 -1.35 0.00	18.04 -1.23 0.00	17.21 -1.12 0.00	17.08 -1.27 0.00	18.61 -1.39 0.00	19.42 -1.98 0.00	27.34 -2.72 0.00	31.06 -2.81 0.00	32.27 -2.04 0.00	32.01 -1.74 0.00	34.43 -1.69 0.00	32.89 -1.93 0.00	32.38 -2.08 0.00	21.70 -1.30 0.00	23.23 -1.17 0.00	29.72 -1.78 0.00	29.05 -1.72 0.00	20.88 -1.21 0.00	20.66 -1.27 0.00	20.66 -1.10 0.00	20.45 -0.96 0.00	21.50 -0.52 0.00
NEG WEST___LANCASTER 23811	18.44 -0.48 0.00	17.28 -0.47 0.00	18.67 -0.55 0.00	18.80 -0.46 0.00	17.90 -0.43 0.00	17.83 -0.51 0.00	19.44 -0.55 0.00	20.39 -1.00 0.00	28.56 -1.50 0.00	32.35 -1.52 0.00	33.53 -0.78 0.00	33.29 -0.46 0.00	35.97 -0.15 0.00	34.41 -0.41 0.00	33.90 -0.56 0.00	22.71 -0.29 0.00	24.26 -0.13 0.00	31.01 -0.49 0.00	30.20 -0.58 0.00	21.72 -0.37 0.00	21.47 -0.45 0.00	21.55 -0.22 0.00	21.27 -0.14 0.00	22.22 0.20 0.00
NEG_PENN_ALLEGHNY 23528	18.98 0.06 0.00	17.77 0.02 0.00	19.25 0.03 0.00	19.29 0.03 0.00	18.36 0.03 0.00	18.34 -0.01 0.00	19.96 -0.03 0.00	21.29 -0.11 0.00	29.88 -0.18 0.00	33.73 -0.14 0.00	34.43 0.12 0.00	33.93 0.17 0.00	36.40 0.28 0.00	35.02 0.20 0.00	37.31 0.13 -2.72	23.52 0.21 -0.31	25.25 0.39 -0.47	33.17 0.48 -1.19	31.34 0.42 -0.14	22.43 0.34 0.00	22.21 0.29 0.00	22.14 0.37 0.00	21.68 0.27 0.00	22.25 0.23 0.00
NEG___GEN_MONROE 24207	18.27 -0.65 0.00	17.15 -0.60 0.00	18.51 -0.71 0.00	18.63 -0.64 0.00	17.76 -0.57 0.00	17.69 -0.66 0.00	19.29 -0.70 0.00	20.33 -1.07 0.00	28.61 -1.45 0.00	32.44 -1.42 0.00	33.44 -0.87 0.00	33.09 -0.66 0.00	35.56 -0.56 0.00	34.10 -0.72 0.00	33.62 -0.84 0.00	22.49 -0.51 0.00	24.04 -0.35 0.00	30.91 -0.59 0.00	30.19 -0.59 0.00	21.65 -0.44 0.00	21.43 -0.50 0.00	21.37 -0.40 0.00	21.06 -0.36 0.00	21.91 -0.11 0.00
NEPA___ENERGY 23901	18.28 -0.64 0.00	17.03 -0.72 0.00	18.46 -0.76 0.00	18.59 -0.67 0.00	17.66 -0.67 0.00	17.63 -0.72 0.00	19.21 -0.78 0.00	20.23 -1.16 0.00	28.38 -1.68 0.00	32.08 -1.79 0.00	33.27 -1.04 0.00	32.95 -0.80 0.00	35.50 -0.62 0.00	33.94 -0.88 0.00	33.33 -1.13 0.00	22.36 -0.64 0.00	23.94 -0.46 0.00	30.62 -0.88 0.00	29.89 -0.89 0.00	21.59 -0.50 0.00	21.34 -0.58 0.00	21.49 -0.28 0.00	21.12 -0.29 0.00	21.94 -0.08 0.00
NEVERSINK___HYD 23608	19.66 0.75 0.00	18.41 0.66 0.00	19.90 0.68 0.00	19.89 0.63 0.00	18.94 0.60 0.00	18.94 0.59 0.00	20.61 0.61 0.00	22.06 0.67 0.00	30.90 0.84 0.00	34.89 1.02 0.00	35.34 1.04 0.00	34.74 0.99 0.00	37.33 1.20 0.00	35.96 1.14 0.00	35.54 1.09 0.00	23.88 0.88 0.00	25.64 1.25 0.00	33.29 1.79 0.00	32.49 1.71 0.00	23.28 1.19 0.00	23.07 1.15 0.00	22.89 1.13 0.00	22.38 0.96 0.00	22.86 0.85 0.00
NEWKRMKL_115KV_TB1 55635	19.39 0.47 0.00	18.22 0.47 0.00	19.71 0.48 0.00	19.71 0.45 0.00	18.77 0.44 0.00	18.77 0.42 0.00	20.37 0.38 0.00	21.79 0.40 0.00	30.46 0.40 0.00	34.37 0.50 0.00	34.72 0.42 0.00	34.18 0.43 0.00	36.61 0.49 0.00	35.31 0.48 0.00	34.86 0.41 0.00	23.46 0.46 0.00	25.05 0.65 0.00	32.38 0.87 0.00	31.60 0.82 0.00	22.65 0.56 0.00	22.51 0.59 0.00	22.32 0.56 0.00	21.80 0.39 0.00	22.28 0.26 0.00

NEWTON___FALLS_HYD 23847	18.33 -0.59 0.00	17.19 -0.56 0.00	18.73 -0.50 0.00	18.82 -0.44 0.00	17.82 -0.51 0.00	17.72 -0.63 0.00	19.35 -0.64 0.00	21.07 -0.33 0.00	29.77 -0.29 0.00	33.28 -0.58 0.00	33.72 -0.58 0.00	33.23 -0.52 0.00	35.47 -0.65 0.00	34.19 -0.63 0.00	33.97 -0.48 0.00	22.65 -0.35 0.00	23.95 -0.44 0.00	31.13 -0.37 0.00	30.42 -0.36 0.00	21.79 -0.30 0.00	21.58 -0.35 0.00	21.40 -0.37 0.00	21.15 -0.26 0.00	21.86 -0.16 0.00
NGRID_A1_DSASP 323792	17.36 -1.56 0.00	16.33 -1.42 0.00	17.58 -1.64 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.78 -1.56 0.00	18.31 -1.68 0.00	19.03 -2.37 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.54 -2.77 0.00	31.27 -2.48 0.00	33.61 -2.51 0.00	32.11 -2.72 0.00	22.92 -2.77 8.77	20.22 -1.78 1.00	21.21 -1.68 1.50	25.23 -2.43 3.85	27.90 -2.44 0.44	20.38 -1.71 0.00	20.17 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
NGRID_A2_DSASP 323793	17.36 -1.56 0.00	16.33 -1.42 0.00	17.58 -1.64 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.78 -1.56 0.00	18.31 -1.68 0.00	19.03 -2.37 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.54 -2.77 0.00	31.27 -2.48 0.00	33.61 -2.51 0.00	32.11 -2.72 0.00	22.92 -2.77 8.77	20.22 -1.78 1.00	21.21 -1.68 1.50	25.23 -2.43 3.85	27.90 -2.44 0.44	20.38 -1.71 0.00	20.17 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
NGRID_A4_DSASP 323807	17.36 -1.56 0.00	16.33 -1.42 0.00	17.58 -1.64 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.78 -1.56 0.00	18.31 -1.68 0.00	19.03 -2.37 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.54 -2.77 0.00	31.27 -2.48 0.00	33.61 -2.51 0.00	32.11 -2.72 0.00	22.92 -2.77 8.77	20.22 -1.78 1.00	21.21 -1.68 1.50	25.23 -2.43 3.85	27.90 -2.44 0.44	20.38 -1.71 0.00	20.17 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
NIAGARA_115E_LBMP 323715	17.34 -1.58 0.00	16.29 -1.46 0.00	17.57 -1.66 0.00	17.73 -1.53 0.00	16.93 -1.40 0.00	16.76 -1.59 0.00	18.28 -1.72 0.00	19.06 -2.34 0.00	26.81 -3.25 0.00	30.47 -3.40 0.00	31.65 -2.65 0.00	31.40 -2.35 0.00	33.75 -2.37 0.00	32.24 -2.58 0.00	23.06 -2.70 8.70	20.30 -1.70 0.99	21.29 -1.61 1.49	25.31 -2.37 3.82	28.04 -2.30 0.44	20.48 -1.62 0.00	20.27 -1.66 0.00	20.26 -1.50 0.00	20.07 -1.34 0.00	21.13 -0.89 0.00
NIAGARA_115W_LBMP 323714	17.33 -1.60 0.00	16.30 -1.45 0.00	17.55 -1.67 0.00	17.72 -1.54 0.00	16.91 -1.42 0.00	16.76 -1.59 0.00	18.27 -1.72 0.00	18.98 -2.42 0.00	26.63 -3.43 0.00	30.26 -3.60 0.00	31.44 -2.86 0.00	31.18 -2.57 0.00	33.53 -2.59 0.00	32.03 -2.80 0.00	22.86 -2.85 8.75	20.17 -1.83 1.00	21.16 -1.74 1.50	25.17 -2.50 3.84	27.83 -2.51 0.44	20.33 -1.76 0.00	20.12 -1.80 0.00	20.12 -1.65 0.00	19.94 -1.48 0.00	21.03 -0.98 0.00
NIAGARA_230_LBMP 323716	17.51 -1.41 0.00	16.46 -1.28 0.00	17.75 -1.48 0.00	17.90 -1.36 0.00	17.09 -1.25 0.00	16.94 -1.40 0.00	18.47 -1.52 0.00	19.28 -2.11 0.00	27.11 -2.95 0.00	30.79 -3.07 0.00	31.97 -2.34 0.00	31.70 -2.05 0.00	34.09 -2.03 0.00	32.58 -2.24 0.00	23.48 -2.37 8.61	20.51 -1.51 0.98	21.51 -1.41 1.47	25.62 -2.11 3.78	28.28 -2.07 0.43	20.65 -1.44 0.00	20.44 -1.48 0.00	20.46 -1.31 0.00	20.24 -1.17 0.00	21.27 -0.75 0.00
NIAGARA___115KV_198_GIBSON 55903	17.33 -1.60 0.00	16.30 -1.45 0.00	17.55 -1.67 0.00	17.72 -1.54 0.00	16.91 -1.43 0.00	16.78 -1.57 0.00	18.26 -1.73 0.00	18.97 -2.42 0.00	26.63 -3.43 0.00	30.26 -3.60 0.00	31.45 -2.85 0.00	31.19 -2.56 0.00	33.54 -2.58 0.00	32.02 -2.80 0.00	31.60 -2.86 0.00	21.17 -1.83 0.00	22.65 -1.74 0.00	29.04 -2.46 0.00	28.30 -2.47 0.00	20.32 -1.77 0.00	20.12 -1.80 0.00	20.12 -1.65 0.00	19.94 -1.47 0.00	21.03 -0.98 0.00
NIAGARA____ 23760	17.51 -1.41 0.00	16.46 -1.28 0.00	17.75 -1.48 0.00	17.90 -1.36 0.00	17.09 -1.25 0.00	16.94 -1.40 0.00	18.47 -1.52 0.00	19.28 -2.11 0.00	27.11 -2.95 0.00	30.79 -3.07 0.00	31.97 -2.34 0.00	31.70 -2.05 0.00	34.09 -2.03 0.00	32.58 -2.24 0.00	23.44 -2.37 8.65	20.50 -1.51 0.99	21.51 -1.41 1.48	25.59 -2.11 3.79	28.27 -2.07 0.44	20.65 -1.44 0.00	20.44 -1.48 0.00	20.46 -1.31 0.00	20.24 -1.17 0.00	21.27 -0.75 0.00
NINE_MILE_1 23575	18.33 -0.59 0.00	17.19 -0.55 0.00	18.61 -0.62 0.00	18.66 -0.60 0.00	17.77 -0.57 0.00	17.75 -0.60 0.00	19.32 -0.67 0.00	20.60 -0.80 0.00	28.91 -1.15 0.00	32.62 -1.24 0.00	33.17 -1.13 0.00	32.69 -1.06 0.00	35.03 -1.09 0.00	33.74 -1.08 0.00	33.34 -1.11 0.00	22.25 -0.74 0.00	23.64 -0.75 0.00	30.50 -1.00 0.00	29.80 -0.98 0.00	21.39 -0.70 0.00	21.22 -0.71 0.00	21.08 -0.69 0.00	20.71 -0.71 0.00	21.29 -0.73 0.00
NINE_MILE_2 23744	18.33 -0.58 0.00	17.19 -0.55 0.00	18.62 -0.61 0.00	18.66 -0.60 0.00	17.77 -0.56 0.00	17.76 -0.59 0.00	19.32 -0.67 0.00	20.60 -0.79 0.00	28.91 -1.15 0.00	32.62 -1.24 0.00	33.18 -1.13 0.00	32.70 -1.05 0.00	35.03 -1.09 0.00	33.74 -1.08 0.00	33.35 -1.11 0.00	22.25 -0.74 0.00	23.64 -0.75 0.00	30.51 -0.99 0.00	29.80 -0.98 0.00	21.40 -0.69 0.00	21.22 -0.71 0.00	21.08 -0.69 0.00	20.71 -0.70 0.00	21.29 -0.73 0.00
NM_CAPITAL___DRP 24208	19.42 0.51 0.00	18.26 0.51 0.00	19.74 0.52 0.00	19.74 0.48 0.00	18.81 0.47 0.00	18.79 0.44 0.00	20.40 0.40 0.00	21.82 0.42 0.00	30.48 0.42 0.00	34.40 0.53 0.00	34.72 0.41 0.00	34.18 0.43 0.00	36.60 0.48 0.00	35.35 0.52 0.00	34.93 0.48 0.00	23.52 0.52 0.00	25.10 0.71 0.00	32.45 0.95 0.00	31.67 0.90 0.00	22.71 0.62 0.00	22.58 0.66 0.00	22.39 0.62 0.00	21.86 0.45 0.00	22.34 0.33 0.00
NM_CENTRAL___DRP 24181	18.63 -0.28 0.00	17.47 -0.28 0.00	18.91 -0.31 0.00	18.96 -0.30 0.00	18.05 -0.28 0.00	18.04 -0.31 0.00	19.63 -0.36 0.00	20.92 -0.47 0.00	29.37 -0.69 0.00	33.16 -0.71 0.00	33.79 -0.51 0.00	33.32 -0.43 0.00	35.72 -0.40 0.00	34.40 -0.42 0.00	34.00 -0.46 0.00	22.72 -0.28 0.00	24.19 -0.21 0.00	31.22 -0.28 0.00	30.48 -0.30 0.00	21.87 -0.22 0.00	21.67 -0.25 0.00	21.53 -0.24 0.00	21.13 -0.28 0.00	21.72 -0.30 0.00
NM_FRONTIER___DRP 24179	17.33 -1.60 0.00	16.30 -1.45 0.00	17.55 -1.67 0.00	17.72 -1.54 0.00	16.91 -1.43 0.00	16.78 -1.57 0.00	18.26 -1.73 0.00	18.97 -2.42 0.00	26.63 -3.43 0.00	30.26 -3.60 0.00	31.45 -2.85 0.00	31.19 -2.56 0.00	33.54 -2.58 0.00	32.02 -2.80 0.00	31.60 -2.86 0.00	21.17 -1.83 0.00	22.65 -1.74 0.00	29.04 -2.46 0.00	28.30 -2.47 0.00	20.32 -1.77 0.00	20.12 -1.80 0.00	20.12 -1.65 0.00	19.94 -1.47 0.00	21.03 -0.98 0.00
NM_ST_REGIS___HYD 24053	18.52 -0.39 0.00	17.35 -0.39 0.00	18.87 -0.35 0.00	18.96 -0.30 0.00	17.97 -0.37 0.00	17.90 -0.45 0.00	19.64 -0.34 0.00	21.33 -0.06 0.00	30.18 0.12 0.00	33.88 0.01 0.00	34.24 -0.07 0.00	33.63 -0.13 0.00	35.92 -0.20 0.00	34.59 -0.24 0.00	34.26 -0.20 0.00	22.76 -0.24 0.00	23.82 -0.58 0.00	30.87 -0.63 0.00	30.22 -0.56 0.00	21.65 -0.43 0.00	21.48 -0.44 0.00	21.31 -0.45 0.00	21.20 -0.22 0.00	21.99 -0.03 0.00

NORTHPORT___1 23551	20.21 1.29 0.00	19.02 1.27 0.00	20.49 1.27 0.00	20.45 1.19 0.00	19.42 1.09 0.00	19.45 1.10 0.00	21.03 1.04 0.00	22.40 1.00 0.00	31.42 1.36 0.00	35.45 1.58 0.00	36.12 1.82 0.00	35.61 1.86 0.00	38.08 1.96 0.00	36.75 1.93 0.00	37.22 2.13 -0.63	24.72 1.73 0.00	26.49 2.09 0.00	34.06 2.55 0.00	32.97 2.19 0.00	23.61 1.52 0.00	23.44 1.51 0.00	23.29 1.52 0.00	22.76 1.35 0.00	23.29 1.27 0.00
NORTHPORT___2 23552	20.17 1.25 0.00	18.99 1.24 0.00	20.45 1.23 0.00	20.42 1.16 0.00	19.38 1.05 0.00	19.41 1.07 0.00	20.98 0.99 0.00	22.34 0.95 0.00	31.33 1.27 0.00	35.36 1.50 0.00	36.02 1.72 0.00	35.54 1.78 0.00	37.98 1.86 0.00	36.64 1.81 0.00	37.14 2.06 -0.63	24.68 1.69 0.00	26.43 2.04 0.00	18.61 2.42 15.31	15.28 2.05 17.55	23.51 1.42 0.00	23.36 1.44 0.00	23.22 1.45 0.00	22.71 1.29 0.00	23.24 1.22 0.00
NORTHPORT___3 23553	20.10 1.18 0.00	18.90 1.15 0.00	20.35 1.13 0.00	20.31 1.05 0.00	19.31 0.98 0.00	19.33 0.98 0.00	20.88 0.89 0.00	22.25 0.85 0.00	31.20 1.13 0.00	35.28 1.41 0.00	35.95 1.64 0.00	35.46 1.71 0.00	37.93 1.81 0.00	36.61 1.79 0.00	37.04 1.95 -0.63	24.62 1.62 0.00	26.36 1.97 0.00	33.83 2.33 0.00	32.76 1.99 0.00	23.46 1.37 0.00	23.32 1.40 0.00	23.21 1.44 0.00	22.70 1.28 0.00	23.19 1.17 0.00
NORTHPORT___4 23650	20.10 1.18 0.00	18.90 1.15 0.00	20.35 1.13 0.00	20.31 1.05 0.00	19.31 0.98 0.00	19.33 0.98 0.00	20.88 0.89 0.00	22.25 0.85 0.00	31.20 1.13 0.00	35.28 1.41 0.00	35.95 1.64 0.00	35.46 1.71 0.00	37.93 1.81 0.00	36.61 1.79 0.00	37.04 1.95 -0.63	24.62 1.62 0.00	26.36 1.97 0.00	33.83 2.33 0.00	32.76 1.99 0.00	23.46 1.37 0.00	23.32 1.40 0.00	23.21 1.44 0.00	22.70 1.28 0.00	23.19 1.17 0.00
NORTHPORT___IC 23718	20.17 1.25 0.00	18.99 1.24 0.00	20.45 1.23 0.00	20.42 1.16 0.00	19.38 1.05 0.00	19.41 1.07 0.00	20.98 0.99 0.00	22.34 0.95 0.00	31.33 1.27 0.00	35.36 1.50 0.00	36.02 1.72 0.00	35.54 1.78 0.00	37.98 1.86 0.00	36.64 1.81 0.00	37.14 2.06 -0.63	24.68 1.69 0.00	26.43 2.04 0.00	18.61 2.42 15.31	15.28 2.05 17.55	23.51 1.42 0.00	23.36 1.44 0.00	23.22 1.45 0.00	22.71 1.29 0.00	23.24 1.22 0.00
NORTH___COUNTRY_ESR 323785	18.57 -0.35 0.00	17.38 -0.37 0.00	18.91 -0.31 0.00	19.04 -0.22 0.00	18.11 -0.23 0.00	18.05 -0.30 0.00	19.83 -0.16 0.00	21.38 -0.01 0.00	30.17 0.11 0.00	33.85 -0.02 0.00	34.16 -0.14 0.00	33.56 -0.19 0.00	35.93 -0.19 0.00	34.62 -0.21 0.00	34.32 -0.14 0.00	22.78 -0.22 0.00	24.00 -0.40 0.00	31.16 -0.35 0.00	30.54 -0.24 0.00	21.89 -0.21 0.00	21.74 -0.19 0.00	21.62 -0.14 0.00	21.41 0.00 0.00	22.15 0.13 0.00
NPX_GEN_1385_PROXY 323591	20.03 1.11 0.00	18.99 1.24 0.00	20.45 1.23 0.00	20.42 1.16 0.00	19.32 0.99 0.00	19.35 1.00 0.00	20.98 0.99 0.00	22.34 0.95 0.00	31.33 1.27 0.00	35.36 1.50 0.00	36.02 1.72 0.00	35.54 1.78 0.00	37.98 1.86 0.00	36.64 1.81 0.00	37.14 2.05 -0.63	24.44 1.63 0.19	26.34 1.95 0.00	18.39 2.20 15.31	15.07 1.84 17.55	23.53 1.44 0.00	23.31 1.39 0.00	23.09 1.33 0.00	22.63 1.22 0.00	23.25 1.23 0.00
NPX_GEN_CSC 323557	20.39 1.47 0.00	19.21 1.46 0.00	20.67 1.45 0.00	20.64 1.38 0.00	19.61 1.27 0.00	19.66 1.31 0.00	21.24 1.25 0.00	22.62 1.23 0.00	31.75 1.69 0.00	35.60 1.74 0.00	36.43 2.13 0.00	35.84 2.09 0.00	38.26 2.14 0.00	37.01 2.19 0.00	37.46 2.37 -0.63	24.64 1.83 0.19	26.71 2.32 0.00	34.52 3.02 0.00	33.17 2.40 0.00	23.68 1.59 0.00	23.44 1.52 0.00	23.30 1.53 0.00	22.72 1.31 0.00	23.28 1.26 0.00
NSINS_S_GLNS_FALLS 23858	19.68 0.76 0.00	18.49 0.73 0.00	20.00 0.77 0.00	19.99 0.73 0.00	19.06 0.73 0.00	19.06 0.71 0.00	20.76 0.77 0.00	22.22 0.82 0.00	31.09 1.03 0.00	35.09 1.23 0.00	35.41 1.10 0.00	34.95 1.19 0.00	37.47 1.35 0.00	36.30 1.48 0.00	36.11 1.65 0.00	24.36 1.36 0.00	26.06 1.67 0.00	33.65 2.15 0.00	32.93 2.15 0.00	23.52 1.43 0.00	23.28 1.35 0.00	23.13 1.36 0.00	22.48 1.06 0.00	22.94 0.92 0.00
NUCOR_STEEL___DRP 24197	18.86 -0.05 0.00	17.72 -0.03 0.00	19.20 -0.03 0.00	19.25 -0.01 0.00	18.29 -0.04 0.00	18.30 -0.05 0.00	19.94 -0.05 0.00	21.28 -0.11 0.00	29.83 -0.23 0.00	33.58 -0.29 0.00	34.26 -0.05 0.00	33.89 0.14 0.00	36.38 0.26 0.00	34.96 0.13 0.00	34.53 0.07 0.00	23.15 0.15 0.00	24.64 0.25 0.00	31.79 0.30 0.00	31.08 0.30 0.00	22.25 0.16 0.00	22.08 0.15 0.00	21.95 0.18 0.00	21.43 0.02 0.00	22.10 0.08 0.00
NUMBER_THREE_WT_PWR 323818	18.42 -0.50 0.00	17.30 -0.45 0.00	18.89 -0.33 0.00	19.02 -0.24 0.00	18.00 -0.34 0.00	17.86 -0.49 0.00	19.43 -0.56 0.00	21.17 -0.22 0.00	29.88 -0.18 0.00	33.24 -0.62 0.00	33.74 -0.56 0.00	33.39 -0.36 0.00	35.60 -0.52 0.00	34.36 -0.46 0.00	34.21 -0.25 0.00	22.87 -0.12 0.00	24.51 0.12 0.00	31.97 0.47 0.00	31.18 0.41 0.00	22.34 0.25 0.00	22.08 0.16 0.00	21.90 0.14 0.00	21.51 0.10 0.00	22.14 0.12 0.00
NYISO_LBMP_REFERENCE 24008	18.92 0.00 0.00	17.75 0.00 0.00	19.22 0.00 0.00	19.26 0.00 0.00	18.33 0.00 0.00	18.35 0.00 0.00	19.99 0.00 0.00	21.39 0.00 0.00	30.06 0.00 0.00	33.87 0.00 0.00	34.30 0.00 0.00	33.75 0.00 0.00	36.12 0.00 0.00	34.82 0.00 0.00	34.46 0.00 0.00	23.00 0.00 0.00	24.39 0.00 0.00	31.50 0.00 0.00	30.78 0.00 0.00	22.09 0.00 0.00	21.93 0.00 0.00	21.77 0.00 0.00	21.41 0.00 0.00	22.02 0.00 0.00
NYPA_BRENTWD___GT 24164	20.37 1.46 0.00	19.17 1.42 0.00	20.65 1.42 0.00	20.61 1.36 0.00	19.57 1.24 0.00	19.60 1.26 0.00	21.20 1.21 0.00	22.58 1.19 0.00	31.69 1.63 0.00	35.74 1.88 0.00	36.45 2.14 0.00	35.93 2.18 0.00	38.43 2.31 0.00	37.12 2.29 0.00	37.56 2.47 -0.63	24.96 1.96 0.00	26.76 2.36 0.00	34.45 2.95 0.00	33.33 2.55 0.00	23.86 1.77 0.00	23.67 1.74 0.00	23.51 1.75 0.00	22.97 1.56 0.00	23.49 1.47 0.00
NYPA_GOWANUS___GT5 24156	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.71 2.21 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.60 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00
NYPA_GOWANUS___GT6 24157	20.13 1.21 0.00	18.89 1.14 0.00	20.41 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.31 0.96 0.00	20.96 0.97 0.00	22.36 0.96 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.74 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.71 2.21 0.00	32.96 2.18 0.00	23.73 1.64 0.00	23.53 1.60 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.22 1.20 0.00

NYPA_HARLEM__RVR__GT1 24160	20.07 1.16 0.00	18.84 1.09 0.00	20.37 1.15 0.00	20.31 1.05 0.00	19.28 0.95 0.00	19.28 0.93 0.00	20.92 0.92 0.00	22.25 0.86 0.00	31.28 1.21 0.00	35.38 1.52 0.00	35.83 1.52 0.00	35.17 1.42 0.00	37.70 1.58 0.00	36.43 1.60 0.00	36.18 1.72 0.00	24.46 1.46 0.00	26.11 1.72 0.00	33.60 2.10 0.00	32.85 2.08 0.00	23.66 1.58 0.00	23.44 1.52 0.00	23.23 1.47 0.00	22.69 1.28 0.00	23.15 1.13 0.00
NYPA_HARLEM__RVR__GT2 24161	20.07 1.16 0.00	18.84 1.09 0.00	20.37 1.15 0.00	20.31 1.05 0.00	19.28 0.95 0.00	19.28 0.93 0.00	20.92 0.92 0.00	22.25 0.86 0.00	31.28 1.21 0.00	35.38 1.52 0.00	35.83 1.52 0.00	35.17 1.42 0.00	37.70 1.58 0.00	36.43 1.60 0.00	36.18 1.72 0.00	24.46 1.46 0.00	26.11 1.72 0.00	33.60 2.10 0.00	32.85 2.08 0.00	23.66 1.58 0.00	23.44 1.52 0.00	23.23 1.47 0.00	22.69 1.28 0.00	23.15 1.13 0.00
NYPA_KENT____GT 24152	20.10 1.19 0.00	18.87 1.12 0.00	20.39 1.17 0.00	20.34 1.08 0.00	19.28 0.95 0.00	19.28 0.93 0.00	20.93 0.93 0.00	22.31 0.92 0.00	31.32 1.26 0.00	35.43 1.56 0.00	35.87 1.57 0.00	35.24 1.49 0.00	37.78 1.66 0.00	36.50 1.68 0.00	36.22 1.76 0.00	24.48 1.48 0.00	26.14 1.75 0.00	33.66 2.15 0.00	32.89 2.12 0.00	23.68 1.59 0.00	23.47 1.55 0.00	23.28 1.51 0.00	22.72 1.31 0.00	23.15 1.13 0.00
NYPA_POUCH1____GT 24155	20.08 1.16 0.00	18.84 1.10 0.00	20.36 1.13 0.00	20.31 1.05 0.00	19.27 0.94 0.00	19.27 0.92 0.00	20.92 0.93 0.00	22.31 0.92 0.00	31.32 1.26 0.00	35.41 1.54 0.00	35.83 1.53 0.00	35.21 1.46 0.00	37.72 1.61 0.00	36.46 1.63 0.00	36.18 1.72 0.00	24.43 1.43 0.00	26.10 1.70 0.00	33.61 2.11 0.00	32.87 2.09 0.00	23.68 1.59 0.00	23.48 1.55 0.00	23.29 1.52 0.00	22.73 1.32 0.00	23.17 1.15 0.00
NYPA_VERNON____GT2 24162	20.08 1.16 0.00	18.85 1.10 0.00	20.39 1.17 0.00	20.33 1.07 0.00	19.26 0.92 0.00	19.25 0.91 0.00	20.89 0.90 0.00	22.27 0.88 0.00	31.27 1.20 0.00	35.36 1.49 0.00	35.80 1.49 0.00	35.17 1.42 0.00	37.69 1.58 0.00	36.43 1.60 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.59 2.09 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.49 0.00	23.22 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00
NYPA_VERNON____GT3 24163	20.08 1.16 0.00	18.85 1.10 0.00	20.39 1.17 0.00	20.33 1.07 0.00	19.26 0.92 0.00	19.25 0.91 0.00	20.89 0.90 0.00	22.27 0.88 0.00	31.27 1.20 0.00	35.36 1.49 0.00	35.80 1.49 0.00	35.17 1.42 0.00	37.69 1.58 0.00	36.43 1.60 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.59 2.09 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.49 0.00	23.22 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00
NYPA__ASTORIA_CC1 323568	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.25 0.90 0.00	20.88 0.89 0.00	22.25 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.13 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.06 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.40 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
NYPA__ASTORIA_CC2 323569	20.05 1.14 0.00	18.83 1.08 0.00	20.35 1.12 0.00	20.29 1.03 0.00	19.25 0.91 0.00	19.25 0.90 0.00	20.88 0.89 0.00	22.25 0.86 0.00	31.23 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.13 1.67 0.00	24.42 1.42 0.00	26.07 1.68 0.00	33.57 2.06 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.40 1.47 0.00	23.19 1.43 0.00	22.64 1.22 0.00	23.08 1.06 0.00
NYPA__HOLTSVILL 23794	20.29 1.37 0.00	19.10 1.36 0.00	20.57 1.35 0.00	20.54 1.28 0.00	19.51 1.18 0.00	19.54 1.20 0.00	21.12 1.13 0.00	22.50 1.10 0.00	31.57 1.51 0.00	35.56 1.69 0.00	36.28 1.97 0.00	35.75 2.00 0.00	38.23 2.11 0.00	36.93 2.10 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.62 2.23 0.00	34.30 2.80 0.00	33.13 2.35 0.00	23.70 1.61 0.00	23.51 1.59 0.00	23.36 1.59 0.00	22.81 1.40 0.00	23.33 1.31 0.00
NYPA__HELLGATE_GT1 24158	20.08 1.16 0.00	18.84 1.10 0.00	20.37 1.15 0.00	20.31 1.05 0.00	19.28 0.95 0.00	19.28 0.93 0.00	20.92 0.92 0.00	22.25 0.86 0.00	31.28 1.21 0.00	35.38 1.52 0.00	35.83 1.52 0.00	35.17 1.42 0.00	37.70 1.58 0.00	36.43 1.60 0.00	36.18 1.72 0.00	24.46 1.46 0.00	26.11 1.72 0.00	33.60 2.10 0.00	32.85 2.08 0.00	23.66 1.58 0.00	23.44 1.52 0.00	23.23 1.47 0.00	22.69 1.28 0.00	23.15 1.13 0.00
NYPA__HELLGATE_GT2 24159	20.08 1.16 0.00	18.84 1.10 0.00	20.37 1.15 0.00	20.31 1.05 0.00	19.28 0.95 0.00	19.28 0.93 0.00	20.92 0.92 0.00	22.25 0.86 0.00	31.28 1.21 0.00	35.38 1.52 0.00	35.83 1.52 0.00	35.17 1.42 0.00	37.70 1.58 0.00	36.43 1.60 0.00	36.18 1.72 0.00	24.46 1.46 0.00	26.11 1.72 0.00	33.60 2.10 0.00	32.85 2.08 0.00	23.66 1.58 0.00	23.44 1.52 0.00	23.23 1.47 0.00	22.69 1.28 0.00	23.15 1.13 0.00
NYS_BARGE__HYD 23848	17.65 -1.27 0.00	16.58 -1.17 0.00	17.88 -1.35 0.00	18.04 -1.23 0.00	17.22 -1.12 0.00	17.06 -1.29 0.00	18.62 -1.38 0.00	19.43 -1.97 0.00	27.35 -2.71 0.00	31.07 -2.79 0.00	32.27 -2.04 0.00	32.00 -1.75 0.00	34.41 -1.71 0.00	32.90 -1.93 0.00	24.39 -2.07 8.00	20.80 -1.29 0.91	21.87 -1.15 1.37	26.24 -1.75 3.51	28.67 -1.71 0.40	20.89 -1.20 0.00	20.66 -1.26 0.00	20.67 -1.10 0.00	20.45 -0.96 0.00	21.50 -0.52 0.00
OAK ORCHARD__HYD 24046	18.18 -0.74 0.00	17.08 -0.67 0.00	18.43 -0.79 0.00	18.54 -0.72 0.00	17.68 -0.66 0.00	17.60 -0.74 0.00	19.20 -0.79 0.00	20.26 -1.13 0.00	28.50 -1.56 0.00	32.31 -1.55 0.00	33.25 -1.05 0.00	32.90 -0.85 0.00	35.35 -0.77 0.00	33.92 -0.90 0.00	29.15 -1.01 4.30	21.88 -0.62 0.49	23.16 -0.50 0.73	28.83 -0.78 1.89	29.79 -0.77 0.22	21.53 -0.56 0.00	21.31 -0.62 0.00	21.25 -0.52 0.00	20.92 -0.49 0.00	21.74 -0.27 0.00
OAKDALE__35_KV_LOAD 356122	18.97 0.05 0.00	17.76 0.01 0.00	19.24 0.02 0.00	19.28 0.02 0.00	18.35 0.01 0.00	18.33 -0.02 0.00	19.95 -0.04 0.00	21.28 -0.11 0.00	29.85 -0.21 0.00	33.69 -0.17 0.00	34.39 0.08 0.00	33.89 0.14 0.00	36.35 0.23 0.00	34.97 0.15 0.00	34.54 0.08 0.00	23.17 0.17 0.00	24.74 0.35 0.00	31.91 0.41 0.00	31.14 0.36 0.00	22.39 0.30 0.00	22.18 0.25 0.00	22.10 0.33 0.00	21.64 0.23 0.00	22.22 0.20 0.00
OCC_CHEM__DRP 24175	17.36 -1.56 0.00	16.33 -1.42 0.00	17.59 -1.63 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.81 -1.54 0.00	18.30 -1.69 0.00	19.02 -2.38 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.55 -2.75 0.00	31.28 -2.47 0.00	33.63 -2.49 0.00	32.11 -2.71 0.00	31.68 -2.78 0.00	21.22 -1.78 0.00	22.71 -1.68 0.00	29.11 -2.39 0.00	28.38 -2.40 0.00	20.38 -1.71 0.00	20.18 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00

OH_GEN_PROXY 24063	17.55 -1.37 0.00	16.50 -1.25 0.00	17.79 -1.44 0.00	17.94 -1.32 0.00	17.12 -1.22 0.00	16.99 -1.36 0.00	18.52 -1.47 0.00	19.36 -2.03 0.00	27.21 -2.85 0.00	30.90 -2.97 0.00	32.07 -2.24 0.00	31.80 -1.95 0.00	34.21 -1.91 0.00	32.70 -2.12 0.00	23.28 -2.26 8.91	20.35 -1.44 1.21	21.53 -1.34 1.53	25.57 -2.02 3.91	28.35 -1.98 0.45	20.72 -1.37 0.00	20.51 -1.41 0.00	20.53 -1.24 0.00	20.31 -1.11 0.00	21.30 -0.72 0.00
OLIN_CORP_DRP 24177	17.38 -1.54 0.00	16.33 -1.42 0.00	17.61 -1.61 0.00	17.77 -1.49 0.00	16.97 -1.36 0.00	16.82 -1.53 0.00	18.31 -1.68 0.00	19.09 -2.30 0.00	26.88 -3.18 0.00	30.55 -3.32 0.00	31.74 -2.57 0.00	31.48 -2.27 0.00	33.85 -2.27 0.00	32.32 -2.50 0.00	31.83 -2.62 0.00	21.34 -1.66 0.00	22.83 -1.56 0.00	29.20 -2.30 0.00	28.56 -2.22 0.00	20.53 -1.56 0.00	20.31 -1.61 0.00	20.31 -1.46 0.00	20.12 -1.30 0.00	21.17 -0.85 0.00
OLIN_CORP_DSASP 323712	17.36 -1.56 0.00	16.33 -1.42 0.00	17.58 -1.64 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.78 -1.56 0.00	18.31 -1.68 0.00	19.03 -2.37 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.54 -2.77 0.00	31.27 -2.48 0.00	33.61 -2.51 0.00	32.11 -2.72 0.00	22.92 -2.77 8.77	20.22 -1.78 1.00	21.21 -1.68 1.50	25.23 -2.43 3.85	27.90 -2.44 0.44	20.38 -1.71 0.00	20.17 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
ONEIDA_HERK_LFGE 323681	18.98 0.07 0.00	17.81 0.06 0.00	19.35 0.13 0.00	19.43 0.16 0.00	18.45 0.12 0.00	18.39 0.05 0.00	20.04 0.05 0.00	21.60 0.21 0.00	30.40 0.34 0.00	34.12 0.25 0.00	34.62 0.32 0.00	34.17 0.41 0.00	36.53 0.41 0.00	35.26 0.43 0.00	34.98 0.52 0.00	23.39 0.40 0.00	24.98 0.59 0.00	32.40 0.90 0.00	31.61 0.83 0.00	22.65 0.56 0.00	22.43 0.50 0.00	22.25 0.48 0.00	21.83 0.41 0.00	22.42 0.40 0.00
ONEIDA___115KV_TB4 55905	19.25 0.33 0.00	18.05 0.30 0.00	19.56 0.33 0.00	19.62 0.36 0.00	18.67 0.33 0.00	18.65 0.30 0.00	20.33 0.33 0.00	21.78 0.39 0.00	30.61 0.55 0.00	34.52 0.65 0.00	35.10 0.80 0.00	34.59 0.83 0.00	37.06 0.94 0.00	35.73 0.91 0.00	35.38 0.93 0.00	23.69 0.69 0.00	25.27 0.88 0.00	32.69 1.19 0.00	31.89 1.11 0.00	22.84 0.75 0.00	22.62 0.70 0.00	22.46 0.70 0.00	22.01 0.60 0.00	22.59 0.57 0.00
ONONDAGA_REF_OCCRA 23987	18.77 -0.15 0.00	17.60 -0.15 0.00	19.05 -0.18 0.00	19.10 -0.16 0.00	18.19 -0.15 0.00	18.17 -0.18 0.00	19.78 -0.21 0.00	21.09 -0.30 0.00	29.62 -0.44 0.00	33.44 -0.43 0.00	34.07 -0.23 0.00	33.60 -0.16 0.00	36.02 -0.10 0.00	34.68 -0.14 0.00	34.29 -0.17 0.00	22.92 -0.07 0.00	24.42 0.02 0.00	31.52 0.02 0.00	30.77 -0.01 0.00	22.08 -0.01 0.00	21.87 -0.05 0.00	21.74 -0.03 0.00	21.32 -0.09 0.00	21.91 -0.11 0.00
ONONDAGA___COGEN 23986	18.75 -0.17 0.00	17.58 -0.17 0.00	19.03 -0.19 0.00	19.08 -0.18 0.00	18.17 -0.16 0.00	18.15 -0.19 0.00	19.76 -0.23 0.00	21.07 -0.32 0.00	29.59 -0.47 0.00	33.39 -0.48 0.00	34.01 -0.29 0.00	33.55 -0.20 0.00	35.97 -0.15 0.00	34.64 -0.19 0.00	34.22 -0.23 0.00	22.88 -0.12 0.00	24.36 -0.04 0.00	31.45 -0.05 0.00	30.70 -0.08 0.00	22.03 -0.07 0.00	21.83 -0.09 0.00	21.69 -0.08 0.00	21.27 -0.15 0.00	21.87 -0.15 0.00
ONTARIO___LFGE 23819	18.83 -0.09 0.00	17.66 -0.09 0.00	19.10 -0.12 0.00	19.15 -0.11 0.00	18.25 -0.08 0.00	18.22 -0.12 0.00	19.87 -0.12 0.00	21.17 -0.22 0.00	29.70 -0.37 0.00	33.52 -0.35 0.00	34.36 0.06 0.00	33.90 0.14 0.00	36.37 0.26 0.00	34.89 0.07 0.00	34.53 0.07 0.00	23.21 0.21 0.00	24.83 0.44 0.00	32.06 0.56 0.00	31.29 0.51 0.00	22.48 0.39 0.00	22.23 0.30 0.00	22.13 0.36 0.00	21.67 0.26 0.00	22.30 0.28 0.00
ORANGEVILLE_WT_PWR 323706	17.79 -1.12 0.00	16.66 -1.09 0.00	18.02 -1.20 0.00	18.18 -1.09 0.00	17.30 -1.03 0.00	17.21 -1.14 0.00	18.83 -1.16 0.00	19.70 -1.69 0.00	27.69 -2.37 0.00	31.42 -2.44 0.00	32.56 -1.75 0.00	32.37 -1.38 0.00	34.81 -1.31 0.00	33.25 -1.57 0.00	23.23 -1.63 9.60	20.91 -1.00 1.10	21.90 -0.85 1.64	25.91 -1.39 4.21	28.92 -1.37 0.49	21.15 -0.94 0.00	20.91 -1.02 0.00	20.93 -0.83 0.00	20.68 -0.73 0.00	21.69 -0.33 0.00
ORANGEVILLE___ESR 323794	17.79 -1.12 0.00	16.66 -1.09 0.00	18.02 -1.20 0.00	18.18 -1.09 0.00	17.30 -1.03 0.00	17.21 -1.14 0.00	18.83 -1.16 0.00	19.70 -1.69 0.00	27.69 -2.37 0.00	31.42 -2.44 0.00	32.56 -1.75 0.00	32.37 -1.38 0.00	34.81 -1.31 0.00	33.25 -1.57 0.00	23.23 -1.63 9.60	20.91 -1.00 1.10	21.90 -0.85 1.64	25.91 -1.39 4.21	28.92 -1.37 0.49	21.15 -0.94 0.00	20.91 -1.02 0.00	20.93 -0.83 0.00	20.68 -0.73 0.00	21.69 -0.33 0.00
OSWEGATCHIE___HYD 24044	18.33 -0.59 0.00	17.19 -0.56 0.00	18.73 -0.50 0.00	18.82 -0.44 0.00	17.82 -0.51 0.00	17.72 -0.63 0.00	19.35 -0.64 0.00	21.07 -0.33 0.00	29.77 -0.29 0.00	33.28 -0.59 0.00	33.72 -0.58 0.00	33.23 -0.52 0.00	35.47 -0.65 0.00	34.19 -0.64 0.00	33.97 -0.48 0.00	22.65 -0.35 0.00	23.95 -0.44 0.00	31.13 -0.37 0.00	30.42 -0.36 0.00	21.79 -0.30 0.00	21.57 -0.35 0.00	21.40 -0.37 0.00	21.15 -0.26 0.00	21.86 -0.16 0.00
OSWEGO___5 23606	18.45 -0.47 0.00	17.30 -0.45 0.00	18.73 -0.49 0.00	18.78 -0.48 0.00	17.88 -0.45 0.00	17.86 -0.48 0.00	19.45 -0.54 0.00	20.73 -0.66 0.00	29.11 -0.95 0.00	32.84 -1.03 0.00	33.42 -0.89 0.00	32.93 -0.82 0.00	35.29 -0.84 0.00	33.99 -0.84 0.00	33.59 -0.87 0.00	22.43 -0.57 0.00	23.84 -0.55 0.00	30.78 -0.73 0.00	30.04 -0.73 0.00	21.57 -0.52 0.00	21.39 -0.53 0.00	21.25 -0.51 0.00	20.87 -0.54 0.00	21.46 -0.55 0.00
OSWEGO___6 23613	18.45 -0.47 0.00	17.30 -0.45 0.00	18.73 -0.49 0.00	18.78 -0.48 0.00	17.88 -0.45 0.00	17.86 -0.48 0.00	19.45 -0.54 0.00	20.73 -0.66 0.00	29.11 -0.95 0.00	32.84 -1.03 0.00	33.42 -0.89 0.00	32.93 -0.82 0.00	35.29 -0.84 0.00	33.99 -0.84 0.00	33.59 -0.87 0.00	22.43 -0.57 0.00	23.84 -0.55 0.00	30.78 -0.73 0.00	30.04 -0.73 0.00	21.57 -0.52 0.00	21.39 -0.53 0.00	21.25 -0.51 0.00	20.87 -0.54 0.00	21.46 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	17.79 -1.13 0.00	16.71 -1.04 0.00	18.02 -1.20 0.00	18.17 -1.09 0.00	17.34 -0.99 0.00	17.22 -1.13 0.00	18.76 -1.23 0.00	19.56 -1.83 0.00	27.53 -2.53 0.00	31.28 -2.58 0.00	32.50 -1.81 0.00	32.23 -1.52 0.00	34.67 -1.45 0.00	33.11 -1.71 0.00	32.62 -1.84 0.00	21.86 -1.14 0.00	23.41 -0.99 0.00	30.00 -1.50 0.00	29.27 -1.50 0.00	21.02 -1.07 0.00	20.80 -1.12 0.00	20.81 -0.95 0.00	20.59 -0.82 0.00	21.65 -0.37 0.00
OXBOW___BTM 323836	17.58 -1.34 0.00	16.52 -1.23 0.00	17.80 -1.42 0.00	17.97 -1.30 0.00	17.14 -1.19 0.00	17.00 -1.35 0.00	18.54 -1.45 0.00	19.30 -2.09 0.00	27.13 -2.93 0.00	30.83 -3.03 0.00	32.03 -2.28 0.00	31.77 -1.99 0.00	34.16 -1.96 0.00	32.62 -2.20 0.00	23.32 -2.28 8.86	20.54 -1.44 1.01	21.56 -1.31 1.52	25.67 -1.95 3.89	28.39 -1.94 0.45	20.72 -1.37 0.00	20.51 -1.42 0.00	20.51 -1.26 0.00	20.30 -1.11 0.00	21.38 -0.64 0.00

OXBOW____ 24026	17.58 -1.34 0.00	16.52 -1.23 0.00	17.81 -1.41 0.00	17.97 -1.30 0.00	17.14 -1.19 0.00	17.02 -1.33 0.00	18.54 -1.46 0.00	19.30 -2.10 0.00	27.13 -2.93 0.00	30.83 -3.03 0.00	32.04 -2.27 0.00	31.78 -1.98 0.00	34.18 -1.94 0.00	32.63 -2.20 0.00	32.17 -2.29 0.00	21.55 -1.45 0.00	23.07 -1.32 0.00	29.58 -1.92 0.00	28.86 -1.92 0.00	20.72 -1.37 0.00	20.51 -1.42 0.00	20.51 -1.26 0.00	20.30 -1.11 0.00	21.38 -0.64 0.00
OXY_CHEM_DSASP 323612	17.36 -1.56 0.00	16.33 -1.42 0.00	17.59 -1.63 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.81 -1.54 0.00	18.30 -1.69 0.00	19.02 -2.38 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.55 -2.75 0.00	31.28 -2.47 0.00	33.63 -2.49 0.00	32.11 -2.71 0.00	31.68 -2.78 0.00	21.22 -1.78 0.00	22.71 -1.68 0.00	29.11 -2.39 0.00	28.38 -2.40 0.00	20.38 -1.71 0.00	20.18 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
OZONE_PARK_ESR 323760	20.19 1.27 0.00	18.95 1.20 0.00	20.41 1.18 0.00	20.36 1.11 0.00	19.38 1.05 0.00	19.37 1.02 0.00	21.03 1.04 0.00	22.44 1.05 0.00	31.44 1.38 0.00	35.60 1.74 0.00	36.08 1.77 0.00	35.45 1.70 0.00	37.99 1.88 0.00	36.70 1.88 0.00	36.42 1.96 0.00	24.62 1.62 0.00	26.28 1.89 0.00	33.87 2.37 0.00	33.09 2.31 0.00	23.81 1.72 0.00	23.61 1.69 0.00	23.42 1.66 0.00	22.86 1.44 0.00	23.29 1.28 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.36 -1.56 0.00	16.33 -1.42 0.00	17.59 -1.63 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.81 -1.54 0.00	18.30 -1.69 0.00	19.02 -2.38 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.55 -2.75 0.00	31.28 -2.47 0.00	33.63 -2.49 0.00	32.11 -2.71 0.00	31.68 -2.78 0.00	21.22 -1.78 0.00	22.71 -1.68 0.00	29.11 -2.39 0.00	28.38 -2.40 0.00	20.38 -1.71 0.00	20.18 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
PACKARD__115KV_DUPONT_184 80571	17.36 -1.56 0.00	16.33 -1.42 0.00	17.59 -1.63 0.00	17.75 -1.51 0.00	16.94 -1.39 0.00	16.81 -1.54 0.00	18.30 -1.69 0.00	19.02 -2.38 0.00	26.71 -3.35 0.00	30.35 -3.52 0.00	31.55 -2.75 0.00	31.28 -2.47 0.00	33.63 -2.49 0.00	32.11 -2.71 0.00	31.68 -2.78 0.00	21.22 -1.78 0.00	22.71 -1.68 0.00	29.11 -2.39 0.00	28.38 -2.40 0.00	20.38 -1.71 0.00	20.18 -1.75 0.00	20.17 -1.59 0.00	19.99 -1.43 0.00	21.09 -0.93 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.05 1.13 0.00	18.81 1.06 0.00	20.34 1.12 0.00	20.29 1.03 0.00	19.26 0.92 0.00	19.24 0.89 0.00	20.89 0.90 0.00	22.24 0.84 0.00	31.24 1.17 0.00	35.33 1.46 0.00	35.77 1.47 0.00	35.14 1.39 0.00	37.67 1.55 0.00	36.41 1.58 0.00	36.14 1.69 0.00	24.41 1.41 0.00	26.06 1.67 0.00	33.55 2.05 0.00	32.79 2.02 0.00	23.60 1.51 0.00	23.38 1.45 0.00	23.16 1.40 0.00	22.61 1.20 0.00	23.07 1.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.09 1.18 0.00	18.87 1.12 0.00	20.41 1.18 0.00	20.36 1.10 0.00	19.33 1.00 0.00	19.32 0.97 0.00	20.98 0.99 0.00	22.35 0.96 0.00	31.41 1.35 0.00	35.51 1.65 0.00	35.97 1.66 0.00	35.34 1.59 0.00	37.90 1.78 0.00	36.60 1.78 0.00	36.36 1.90 0.00	24.53 1.53 0.00	26.20 1.81 0.00	33.72 2.22 0.00	33.01 2.24 0.00	23.70 1.61 0.00	23.47 1.54 0.00	23.24 1.47 0.00	22.70 1.28 0.00	23.15 1.13 0.00
PATROON__115KV_TB1 80586	19.44 0.52 0.00	18.26 0.51 0.00	19.75 0.53 0.00	19.75 0.48 0.00	18.81 0.48 0.00	18.80 0.46 0.00	20.42 0.42 0.00	21.84 0.44 0.00	30.54 0.47 0.00	34.45 0.58 0.00	34.80 0.50 0.00	34.26 0.51 0.00	36.70 0.58 0.00	35.40 0.58 0.00	34.98 0.52 0.00	23.54 0.54 0.00	25.13 0.73 0.00	32.48 0.97 0.00	31.69 0.92 0.00	22.72 0.63 0.00	22.58 0.66 0.00	22.39 0.62 0.00	21.87 0.46 0.00	22.35 0.33 0.00
PATTRSNVILLE__SOLAR 323815	19.59 0.67 0.00	18.38 0.63 0.00	19.89 0.66 0.00	19.91 0.65 0.00	18.96 0.62 0.00	18.95 0.60 0.00	20.62 0.63 0.00	22.05 0.66 0.00	30.92 0.86 0.00	34.90 1.04 0.00	35.34 1.03 0.00	34.80 1.05 0.00	37.31 1.19 0.00	36.02 1.20 0.00	35.68 1.23 0.00	23.95 0.95 0.00	25.52 1.13 0.00	32.99 1.49 0.00	32.23 1.46 0.00	23.09 1.00 0.00	22.91 0.98 0.00	22.73 0.96 0.00	22.25 0.84 0.00	22.80 0.78 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.33 -0.59 0.00	17.18 -0.57 0.00	18.55 -0.68 0.00	18.69 -0.58 0.00	17.80 -0.53 0.00	17.71 -0.64 0.00	19.31 -0.68 0.00	20.24 -1.16 0.00	28.40 -1.66 0.00	32.19 -1.68 0.00	33.39 -0.91 0.00	33.15 -0.61 0.00	35.77 -0.35 0.00	34.21 -0.61 0.00	33.69 -0.77 0.00	22.58 -0.42 0.00	24.14 -0.25 0.00	30.87 -0.63 0.00	30.09 -0.68 0.00	21.64 -0.46 0.00	21.40 -0.53 0.00	21.45 -0.32 0.00	21.19 -0.23 0.00	22.15 0.13 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.06 1.15 0.00	18.83 1.08 0.00	20.32 1.10 0.00	20.31 1.06 0.00	19.34 1.00 0.00	19.32 0.98 0.00	21.00 1.01 0.00	22.43 1.04 0.00	31.43 1.36 0.00	35.53 1.67 0.00	36.01 1.71 0.00	35.43 1.68 0.00	37.99 1.87 0.00	36.70 1.87 0.00	36.35 1.90 0.00	24.50 1.51 0.00	26.21 1.81 0.00	33.88 2.37 0.00	33.07 2.29 0.00	23.72 1.64 0.00	23.52 1.60 0.00	23.33 1.57 0.00	22.78 1.36 0.00	23.25 1.23 0.00
PEEKSKILL____ 23653	19.89 0.97 0.00	18.66 0.91 0.00	20.14 0.91 0.00	20.12 0.86 0.00	19.15 0.82 0.00	19.13 0.78 0.00	20.78 0.79 0.00	22.19 0.79 0.00	31.07 1.01 0.00	35.12 1.26 0.00	35.59 1.28 0.00	35.00 1.25 0.00	37.52 1.40 0.00	36.27 1.44 0.00	35.92 1.47 0.00	24.22 1.22 0.00	25.87 1.47 0.00	33.41 1.91 0.00	32.60 1.82 0.00	23.41 1.33 0.00	23.23 1.31 0.00	23.06 1.29 0.00	22.51 1.10 0.00	22.99 0.98 0.00
PGE MADISON__WINDPWR 24146	20.06 1.14 0.00	18.69 0.95 0.00	20.19 0.96 0.00	20.41 1.15 0.00	19.46 1.13 0.00	19.35 1.01 0.00	21.20 1.21 0.00	22.73 1.34 0.00	32.16 2.10 0.00	36.63 2.77 0.00	37.34 3.04 0.00	36.57 2.82 0.00	39.23 3.11 0.00	37.75 2.92 0.00	39.62 2.89 -2.28	25.33 2.07 -0.26	27.39 2.61 -0.39	36.12 3.61 -1.00	34.27 3.38 -0.12	24.39 2.30 0.00	24.11 2.18 0.00	24.00 2.24 0.00	23.47 2.06 0.00	24.10 2.08 0.00
PIERCEFIELD__HYD 23852	18.42 -0.50 0.00	17.27 -0.48 0.00	18.78 -0.45 0.00	18.85 -0.41 0.00	17.85 -0.49 0.00	17.77 -0.58 0.00	19.49 -0.50 0.00	21.20 -0.20 0.00	29.98 -0.08 0.00	33.66 -0.21 0.00	34.03 -0.28 0.00	33.42 -0.34 0.00	35.67 -0.45 0.00	34.34 -0.48 0.00	34.03 -0.43 0.00	22.60 -0.39 0.00	23.61 -0.79 0.00	30.58 -0.92 0.00	29.93 -0.85 0.00	21.45 -0.64 0.00	21.28 -0.65 0.00	21.11 -0.66 0.00	21.02 -0.40 0.00	21.82 -0.20 0.00
PINELAWN_CC_1 323563	20.26 1.34 0.00	19.08 1.33 0.00	20.55 1.33 0.00	20.51 1.25 0.00	19.49 1.15 0.00	19.51 1.17 0.00	21.10 1.11 0.00	22.48 1.08 0.00	31.54 1.48 0.00	35.61 1.75 0.00	36.30 1.99 0.00	35.76 2.01 0.00	38.28 2.16 0.00	36.97 2.15 0.00	37.38 2.29 -0.63	24.82 1.82 0.00	26.60 2.21 0.00	34.27 2.77 0.00	33.21 2.44 0.00	23.77 1.68 0.00	23.59 1.67 0.00	23.43 1.66 0.00	22.90 1.49 0.00	23.41 1.39 0.00

PJM_GEN_HTP_PROXY 323702	20.01 1.09 0.00	18.78 1.03 0.00	20.23 1.01 0.00	20.20 0.94 0.00	19.22 0.89 0.00	19.21 0.86 0.00	20.86 0.87 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.29 1.43 0.00	35.74 1.44 0.00	35.10 1.35 0.00	37.61 1.49 0.00	36.34 1.52 0.00	36.05 1.59 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.51 2.01 0.00	32.75 1.97 0.00	23.57 1.48 0.00	23.38 1.45 0.00	23.18 1.42 0.00	22.64 1.23 0.00	23.07 1.05 0.00
PJM_GEN_KEystone 24065	19.90 0.12 -0.86	17.83 0.08 0.00	19.27 0.05 0.00	19.32 0.06 0.00	18.38 0.05 0.00	18.35 0.00 0.00	19.96 -0.03 0.00	21.18 -0.21 0.00	29.64 -0.42 0.00	33.49 -0.38 0.00	34.23 -0.08 0.00	33.80 0.05 0.00	36.34 0.22 0.00	36.50 0.16 -1.51	24.22 0.06 10.30	22.27 0.21 0.94	23.36 0.38 1.41	28.24 0.36 3.62	30.64 0.28 0.42	22.36 0.27 0.00	22.16 0.24 0.00	22.15 0.39 0.00	21.73 0.32 0.00	22.45 0.36 -0.08
PJM_GEN_NEPTUNE_PROXY 323594	20.08 1.16 0.00	18.87 1.12 0.00	20.33 1.11 0.00	20.30 1.04 0.00	19.30 0.96 0.00	19.31 0.96 0.00	20.88 0.89 0.00	22.26 0.86 0.00	31.21 1.15 0.00	35.27 1.40 0.00	35.89 1.59 0.00	35.36 1.61 0.00	37.85 1.73 0.00	36.56 1.73 0.00	36.93 1.85 -0.63	24.53 1.53 0.00	26.24 1.85 0.00	33.80 2.30 0.00	32.79 2.01 0.00	23.51 1.42 0.00	23.34 1.41 0.00	23.18 1.42 0.00	22.66 1.24 0.00	23.15 1.13 0.00
PJM_GEN_VFT_PROXY 323633	19.96 1.04 0.00	18.73 0.98 0.00	20.17 0.95 0.00	20.14 0.88 0.00	19.16 0.83 0.00	19.15 0.81 0.00	20.79 0.80 0.00	22.18 0.79 0.00	31.08 1.02 0.00	35.18 1.31 0.00	35.59 1.28 0.00	34.96 1.20 0.00	37.46 1.34 0.00	36.21 1.38 0.00	35.89 1.43 0.00	24.27 1.27 0.00	25.89 1.50 0.00	33.35 1.85 0.00	32.58 1.80 0.00	23.47 1.38 0.00	23.28 1.35 0.00	23.08 1.32 0.00	22.53 1.12 0.00	22.97 0.95 0.00
PLATSBRG_115KV_PMLD1 355749	18.81 -0.11 0.00	17.61 -0.14 0.00	19.14 -0.09 0.00	19.26 0.00 0.00	18.31 -0.02 0.00	18.18 -0.17 0.00	20.05 0.05 0.00	21.61 0.21 0.00	30.50 0.44 0.00	34.19 0.32 0.00	34.54 0.24 0.00	33.97 0.22 0.00	36.41 0.30 0.00	35.17 0.34 0.00	34.85 0.39 0.00	23.18 0.18 0.00	24.45 0.06 0.00	31.76 0.25 0.00	31.13 0.35 0.00	22.27 0.18 0.00	22.08 0.16 0.00	21.97 0.21 0.00	21.71 0.29 0.00	22.46 0.44 0.00
PLEASANTVLY__LBMP 24000	19.80 0.88 0.00	18.59 0.84 0.00	20.08 0.86 0.00	20.07 0.81 0.00	19.10 0.77 0.00	19.08 0.73 0.00	20.72 0.73 0.00	22.13 0.73 0.00	30.96 0.90 0.00	34.98 1.12 0.00	35.41 1.11 0.00	34.83 1.08 0.00	37.34 1.22 0.00	36.10 1.27 0.00	35.77 1.31 0.00	24.11 1.11 0.00	25.76 1.37 0.00	33.27 1.77 0.00	32.48 1.70 0.00	23.32 1.24 0.00	23.15 1.22 0.00	22.96 1.20 0.00	22.41 1.00 0.00	22.88 0.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.93 1.02 0.00	18.70 0.95 0.00	20.19 0.96 0.00	20.17 0.91 0.00	19.19 0.86 0.00	19.17 0.83 0.00	20.83 0.84 0.00	22.23 0.84 0.00	31.13 1.07 0.00	35.19 1.32 0.00	35.64 1.34 0.00	35.06 1.31 0.00	37.56 1.45 0.00	36.31 1.49 0.00	35.99 1.53 0.00	24.28 1.28 0.00	25.94 1.54 0.00	33.48 1.98 0.00	32.69 1.92 0.00	23.49 1.40 0.00	23.30 1.37 0.00	23.10 1.33 0.00	22.57 1.15 0.00	23.03 1.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.93 1.02 0.00	18.70 0.95 0.00	20.19 0.96 0.00	20.17 0.91 0.00	19.19 0.86 0.00	19.17 0.83 0.00	20.83 0.84 0.00	22.23 0.84 0.00	31.13 1.07 0.00	35.19 1.32 0.00	35.64 1.34 0.00	35.06 1.31 0.00	37.56 1.45 0.00	36.31 1.49 0.00	35.99 1.53 0.00	24.28 1.28 0.00	25.94 1.54 0.00	33.48 1.98 0.00	32.69 1.92 0.00	23.49 1.40 0.00	23.30 1.37 0.00	23.10 1.33 0.00	22.57 1.15 0.00	23.03 1.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.94 1.02 0.00	18.71 0.96 0.00	20.22 0.99 0.00	20.21 0.95 0.00	19.24 0.90 0.00	19.21 0.87 0.00	20.88 0.90 0.00	22.32 0.93 0.00	31.24 1.18 0.00	35.29 1.43 0.00	35.75 1.44 0.00	35.17 1.41 0.00	37.71 1.59 0.00	36.43 1.61 0.00	36.09 1.64 0.00	24.31 1.31 0.00	26.01 1.61 0.00	33.64 2.14 0.00	32.84 2.06 0.00	23.56 1.47 0.00	23.36 1.44 0.00	23.17 1.41 0.00	22.61 1.20 0.00	23.08 1.06 0.00
POLETTI____ 23519	20.00 1.08 0.00	18.78 1.03 0.00	20.22 0.99 0.00	20.19 0.92 0.00	19.21 0.88 0.00	19.20 0.85 0.00	20.84 0.85 0.00	22.23 0.83 0.00	31.13 1.07 0.00	35.23 1.37 0.00	35.67 1.37 0.00	35.04 1.29 0.00	37.55 1.43 0.00	36.28 1.46 0.00	35.99 1.54 0.00	24.34 1.34 0.00	25.98 1.59 0.00	33.45 1.95 0.00	32.68 1.90 0.00	23.54 1.45 0.00	23.34 1.42 0.00	23.15 1.38 0.00	22.59 1.18 0.00	23.04 1.02 0.00
POMONA____ESR 323819	19.95 1.04 0.00	18.72 0.97 0.00	20.20 0.98 0.00	20.18 0.92 0.00	19.20 0.87 0.00	19.19 0.85 0.00	20.84 0.85 0.00	22.25 0.86 0.00	31.17 1.11 0.00	35.24 1.37 0.00	35.71 1.41 0.00	35.14 1.38 0.00	37.66 1.55 0.00	36.39 1.56 0.00	36.05 1.60 0.00	24.31 1.31 0.00	25.96 1.57 0.00	33.53 2.03 0.00	32.72 1.95 0.00	23.51 1.42 0.00	23.32 1.40 0.00	23.14 1.38 0.00	22.60 1.19 0.00	23.08 1.07 0.00
PORT_JEFF_3 23555	20.35 1.43 0.00	19.16 1.41 0.00	20.63 1.40 0.00	20.59 1.33 0.00	19.56 1.22 0.00	19.60 1.25 0.00	21.18 1.19 0.00	22.56 1.17 0.00	31.66 1.60 0.00	35.66 1.80 0.00	36.41 2.11 0.00	35.87 2.12 0.00	38.36 2.24 0.00	37.06 2.23 0.00	37.52 2.43 -0.63	24.91 1.91 0.00	26.73 2.34 0.00	34.46 2.96 0.00	33.28 2.50 0.00	23.80 1.71 0.00	23.60 1.68 0.00	23.45 1.68 0.00	22.89 1.48 0.00	23.41 1.39 0.00
PORT_JEFF_4 23616	20.35 1.43 0.00	19.16 1.41 0.00	20.63 1.40 0.00	20.59 1.33 0.00	19.56 1.22 0.00	19.60 1.25 0.00	21.18 1.19 0.00	22.56 1.17 0.00	31.66 1.60 0.00	35.66 1.80 0.00	36.41 2.11 0.00	35.87 2.12 0.00	38.36 2.24 0.00	37.06 2.23 0.00	37.52 2.43 -0.63	24.91 1.91 0.00	26.73 2.34 0.00	34.46 2.96 0.00	33.28 2.50 0.00	23.80 1.71 0.00	23.60 1.68 0.00	23.45 1.68 0.00	22.89 1.48 0.00	23.41 1.39 0.00
PORT_JEFF_IC 23713	20.35 1.44 0.00	19.16 1.41 0.00	20.63 1.41 0.00	20.60 1.34 0.00	19.57 1.23 0.00	19.60 1.25 0.00	21.18 1.20 0.00	22.57 1.17 0.00	31.67 1.61 0.00	35.68 1.81 0.00	36.42 2.12 0.00	35.89 2.14 0.00	38.37 2.25 0.00	37.08 2.26 0.00	37.53 2.44 -0.63	24.92 1.92 0.00	26.75 2.36 0.00	34.50 2.99 0.00	33.31 2.53 0.00	23.81 1.72 0.00	23.61 1.69 0.00	23.45 1.68 0.00	22.89 1.48 0.00	23.41 1.39 0.00
PPL PILGRIM_ST_GT1 24216	20.37 1.46 0.00	19.17 1.42 0.00	20.65 1.42 0.00	20.61 1.36 0.00	19.57 1.24 0.00	19.60 1.26 0.00	21.20 1.21 0.00	22.58 1.19 0.00	31.69 1.63 0.00	35.74 1.88 0.00	36.45 2.14 0.00	35.93 2.18 0.00	38.43 2.31 0.00	37.12 2.29 0.00	37.56 2.47 -0.63	24.96 1.96 0.00	26.76 2.36 0.00	34.45 2.95 0.00	33.33 2.55 0.00	23.86 1.77 0.00	23.67 1.74 0.00	23.51 1.75 0.00	22.97 1.56 0.00	23.49 1.47 0.00

PPL PILGRIM_ST_GT2 24217	20.37 1.46 0.00	19.17 1.42 0.00	20.65 1.42 0.00	20.61 1.36 0.00	19.57 1.24 0.00	19.60 1.26 0.00	21.20 1.21 0.00	22.58 1.19 0.00	31.69 1.63 0.00	35.74 1.88 0.00	36.45 2.14 0.00	35.93 2.18 0.00	38.43 2.31 0.00	37.12 2.29 0.00	37.56 2.47 -0.63	24.96 1.96 0.00	26.76 2.36 0.00	34.45 2.95 0.00	33.33 2.55 0.00	23.86 1.77 0.00	23.67 1.74 0.00	23.51 1.75 0.00	22.97 1.56 0.00	23.49 1.47 0.00
PPL_SHRM_GT3 24213	20.40 1.48 0.00	19.22 1.47 0.00	20.69 1.46 0.00	20.65 1.39 0.00	19.62 1.29 0.00	19.67 1.32 0.00	21.25 1.27 0.00	22.64 1.25 0.00	31.77 1.71 0.00	35.63 1.77 0.00	36.45 2.15 0.00	35.87 2.12 0.00	38.29 2.17 0.00	37.03 2.20 0.00	37.49 2.40 -0.63	24.85 1.85 0.00	26.73 2.34 0.00	34.55 3.05 0.00	33.21 2.43 0.00	23.70 1.61 0.00	23.47 1.55 0.00	23.32 1.56 0.00	22.75 1.33 0.00	23.30 1.28 0.00
PPL_SHRM_GT4 24214	20.40 1.48 0.00	19.22 1.47 0.00	20.69 1.46 0.00	20.65 1.39 0.00	19.62 1.29 0.00	19.67 1.32 0.00	21.25 1.27 0.00	22.64 1.25 0.00	31.77 1.71 0.00	35.63 1.77 0.00	36.45 2.15 0.00	35.87 2.12 0.00	38.29 2.17 0.00	37.03 2.20 0.00	37.49 2.40 -0.63	24.85 1.85 0.00	26.73 2.34 0.00	34.55 3.05 0.00	33.21 2.43 0.00	23.70 1.61 0.00	23.47 1.55 0.00	23.32 1.56 0.00	22.75 1.33 0.00	23.30 1.28 0.00
PROJECT___ORANGE 1 24174	18.65 -0.27 0.00	17.48 -0.27 0.00	18.92 -0.30 0.00	18.97 -0.29 0.00	18.07 -0.27 0.00	18.04 -0.30 0.00	19.64 -0.35 0.00	20.93 -0.47 0.00	29.39 -0.68 0.00	33.18 -0.69 0.00	33.81 -0.50 0.00	33.34 -0.42 0.00	35.75 -0.37 0.00	34.42 -0.40 0.00	34.02 -0.44 0.00	22.74 -0.26 0.00	24.21 -0.19 0.00	31.24 -0.26 0.00	30.49 -0.29 0.00	21.88 -0.21 0.00	21.69 -0.24 0.00	21.55 -0.22 0.00	21.15 -0.27 0.00	21.74 -0.28 0.00
PROJECT___ORANGE 2 24166	18.65 -0.27 0.00	17.48 -0.27 0.00	18.92 -0.30 0.00	18.97 -0.29 0.00	18.07 -0.27 0.00	18.04 -0.30 0.00	19.64 -0.35 0.00	20.93 -0.47 0.00	29.39 -0.68 0.00	33.18 -0.69 0.00	33.81 -0.50 0.00	33.34 -0.42 0.00	35.75 -0.37 0.00	34.42 -0.40 0.00	34.02 -0.44 0.00	22.74 -0.26 0.00	24.21 -0.19 0.00	31.24 -0.26 0.00	30.49 -0.29 0.00	21.88 -0.21 0.00	21.69 -0.24 0.00	21.55 -0.22 0.00	21.15 -0.27 0.00	21.74 -0.28 0.00
PUCKETT___SOLAR 323809	19.26 0.34 0.00	18.04 0.29 0.00	19.50 0.28 0.00	19.54 0.28 0.00	18.62 0.29 0.00	18.53 0.19 0.00	20.26 0.26 0.00	21.64 0.24 0.00	30.40 0.33 0.00	34.39 0.52 0.00	35.09 0.79 0.00	34.45 0.70 0.00	36.97 0.85 0.00	35.61 0.78 0.00	37.79 0.73 -2.61	23.94 0.64 -0.30	25.75 0.91 -0.45	33.87 1.22 -1.14	32.04 1.13 -0.13	22.89 0.80 0.00	22.67 0.74 0.00	22.59 0.82 0.00	22.11 0.69 0.00	22.70 0.68 0.00
PYRITES___HYD 24023	18.83 -0.09 0.00	17.65 -0.10 0.00	19.18 -0.05 0.00	19.25 -0.02 0.00	18.25 -0.09 0.00	18.23 -0.12 0.00	20.01 0.02 0.00	21.76 0.36 0.00	30.79 0.72 0.00	34.58 0.71 0.00	34.87 0.57 0.00	34.23 0.48 0.00	36.55 0.43 0.00	35.15 0.33 0.00	34.85 0.39 0.00	23.17 0.17 0.00	24.24 -0.15 0.00	31.40 -0.10 0.00	30.73 -0.05 0.00	22.02 -0.08 0.00	21.82 -0.10 0.00	21.63 -0.13 0.00	21.51 0.10 0.00	22.30 0.28 0.00
QUAKERRD_115KV_BK1 80622	17.89 -1.03 0.00	16.80 -0.95 0.00	18.14 -1.08 0.00	18.23 -1.03 0.00	17.38 -0.95 0.00	17.34 -1.01 0.00	18.89 -1.10 0.00	19.99 -1.40 0.00	28.12 -1.95 0.00	31.84 -2.03 0.00	32.68 -1.63 0.00	32.30 -1.45 0.00	34.70 -1.43 0.00	33.32 -1.51 0.00	32.86 -1.59 0.00	21.98 -1.01 0.00	23.46 -0.93 0.00	30.18 -1.32 0.00	29.48 -1.30 0.00	21.14 -0.95 0.00	20.93 -1.00 0.00	20.84 -0.93 0.00	20.51 -0.90 0.00	21.26 -0.76 0.00
QUENSBRY_115KV_TB8 356137	19.69 0.77 0.00	18.49 0.74 0.00	20.00 0.78 0.00	19.99 0.74 0.00	19.07 0.74 0.00	19.07 0.72 0.00	20.77 0.78 0.00	22.24 0.84 0.00	31.12 1.06 0.00	35.12 1.26 0.00	35.46 1.15 0.00	34.99 1.24 0.00	37.52 1.40 0.00	36.37 1.55 0.00	36.21 1.75 0.00	24.43 1.43 0.00	26.13 1.74 0.00	33.74 2.24 0.00	33.02 2.25 0.00	23.58 1.49 0.00	23.32 1.39 0.00	23.18 1.42 0.00	22.51 1.10 0.00	22.96 0.94 0.00
RAMAPO___LBMP 323565	19.77 0.85 0.00	18.53 0.78 0.00	20.01 0.78 0.00	20.00 0.74 0.00	19.03 0.70 0.00	19.01 0.67 0.00	20.66 0.67 0.00	22.06 0.66 0.00	30.91 0.85 0.00	34.93 1.06 0.00	35.38 1.08 0.00	34.82 1.07 0.00	37.34 1.22 0.00	36.07 1.25 0.00	35.70 1.24 0.00	24.03 1.04 0.00	25.65 1.26 0.00	33.15 1.65 0.00	32.35 1.57 0.00	23.23 1.14 0.00	23.05 1.13 0.00	22.90 1.13 0.00	22.39 0.97 0.00	22.89 0.87 0.00
RANKINE____ 23646	18.04 -0.88 0.00	16.92 -0.83 0.00	18.26 -0.97 0.00	18.40 -0.86 0.00	17.54 -0.79 0.00	17.45 -0.90 0.00	19.01 -0.98 0.00	19.89 -1.50 0.00	27.98 -2.08 0.00	31.75 -2.11 0.00	32.97 -1.33 0.00	32.71 -1.04 0.00	35.23 -0.89 0.00	33.66 -1.17 0.00	33.15 -1.31 0.00	22.21 -0.79 0.00	23.77 -0.62 0.00	30.40 -1.10 0.00	29.70 -1.08 0.00	21.35 -0.74 0.00	21.12 -0.81 0.00	21.15 -0.62 0.00	20.90 -0.51 0.00	21.89 -0.13 0.00
RAVENSWOOD_GT2_1 24244	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.86 0.88 0.00	22.26 0.86 0.00	31.18 1.12 0.00	35.29 1.42 0.00	35.74 1.44 0.00	35.11 1.36 0.00	37.62 1.51 0.00	36.35 1.53 0.00	36.06 1.61 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.52 2.02 0.00	32.74 1.97 0.00	23.57 1.48 0.00	23.37 1.45 0.00	23.18 1.41 0.00	22.63 1.22 0.00	23.07 1.05 0.00
RAVENSWOOD_GT2_2 24245	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.86 0.88 0.00	22.26 0.86 0.00	31.18 1.12 0.00	35.29 1.42 0.00	35.74 1.44 0.00	35.11 1.36 0.00	37.62 1.51 0.00	36.35 1.53 0.00	36.06 1.61 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.52 2.02 0.00	32.74 1.97 0.00	23.57 1.48 0.00	23.37 1.45 0.00	23.18 1.41 0.00	22.63 1.22 0.00	23.07 1.05 0.00
RAVENSWOOD_GT2_3 24246	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.03 0.00	20.23 0.96 0.00	19.24 0.90 0.00	19.22 0.88 0.00	20.87 0.89 0.00	22.27 0.88 0.00	31.20 1.14 0.00	35.30 1.44 0.00	35.76 1.46 0.00	35.13 1.38 0.00	37.64 1.53 0.00	36.38 1.56 0.00	36.08 1.62 0.00	24.40 1.40 0.00	26.04 1.65 0.00	33.55 2.04 0.00	32.77 1.99 0.00	23.58 1.49 0.00	23.39 1.46 0.00	23.20 1.43 0.00	22.64 1.23 0.00	23.09 1.07 0.00
RAVENSWOOD_GT2_4 24247	20.03 1.11 0.00	18.80 1.05 0.00	20.25 1.03 0.00	20.23 0.96 0.00	19.24 0.90 0.00	19.22 0.88 0.00	20.87 0.89 0.00	22.27 0.88 0.00	31.20 1.14 0.00	35.30 1.44 0.00	35.76 1.46 0.00	35.13 1.38 0.00	37.64 1.53 0.00	36.38 1.56 0.00	36.08 1.62 0.00	24.40 1.40 0.00	26.04 1.65 0.00	33.55 2.04 0.00	32.77 1.99 0.00	23.58 1.49 0.00	23.39 1.46 0.00	23.20 1.43 0.00	22.64 1.23 0.00	23.09 1.07 0.00

RAVENSWOOD_GT3_1 24248	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.57 1.48 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD_GT3_2 24249	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.57 1.48 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD_GT3_3 24250	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD_GT3_4 24251	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD_GT_1 23729	20.08 1.16 0.00	18.85 1.10 0.00	20.39 1.16 0.00	20.33 1.07 0.00	19.26 0.92 0.00	19.24 0.90 0.00	20.89 0.90 0.00	22.28 0.88 0.00	31.27 1.20 0.00	35.36 1.49 0.00	35.80 1.50 0.00	35.17 1.42 0.00	37.69 1.57 0.00	36.43 1.61 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.60 2.10 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.49 0.00	23.22 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00
RAVENSWOOD_GT_10 24258	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD_GT_11 24259	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD_GT_4 24252	20.01 1.10 0.00	18.78 1.04 0.00	20.23 1.01 0.00	20.21 0.94 0.00	19.23 0.90 0.00	19.21 0.87 0.00	20.86 0.87 0.00	22.26 0.86 0.00	31.18 1.12 0.00	35.28 1.42 0.00	35.73 1.43 0.00	35.11 1.35 0.00	37.62 1.50 0.00	36.35 1.52 0.00	36.04 1.59 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.52 2.01 0.00	32.73 1.96 0.00	23.57 1.48 0.00	23.37 1.45 0.00	23.18 1.41 0.00	22.63 1.22 0.00	23.07 1.05 0.00
RAVENSWOOD_GT_5 24254	20.01 1.10 0.00	18.78 1.04 0.00	20.23 1.01 0.00	20.21 0.94 0.00	19.23 0.90 0.00	19.21 0.87 0.00	20.86 0.87 0.00	22.26 0.86 0.00	31.18 1.12 0.00	35.28 1.42 0.00	35.73 1.43 0.00	35.11 1.35 0.00	37.62 1.50 0.00	36.35 1.52 0.00	36.04 1.59 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.52 2.01 0.00	32.73 1.96 0.00	23.57 1.48 0.00	23.37 1.45 0.00	23.18 1.41 0.00	22.63 1.22 0.00	23.07 1.05 0.00
RAVENSWOOD_GT_6 24253	20.01 1.10 0.00	18.78 1.04 0.00	20.23 1.01 0.00	20.21 0.94 0.00	19.23 0.90 0.00	19.21 0.87 0.00	20.86 0.87 0.00	22.26 0.86 0.00	31.18 1.12 0.00	35.28 1.42 0.00	35.73 1.43 0.00	35.11 1.35 0.00	37.62 1.50 0.00	36.35 1.52 0.00	36.04 1.59 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.52 2.01 0.00	32.73 1.96 0.00	23.57 1.48 0.00	23.37 1.45 0.00	23.18 1.41 0.00	22.63 1.22 0.00	23.07 1.05 0.00
RAVENSWOOD_GT_7 24255	20.01 1.10 0.00	18.78 1.04 0.00	20.23 1.01 0.00	20.21 0.94 0.00	19.23 0.90 0.00	19.21 0.87 0.00	20.86 0.87 0.00	22.26 0.86 0.00	31.18 1.12 0.00	35.28 1.42 0.00	35.73 1.43 0.00	35.11 1.35 0.00	37.62 1.50 0.00	36.35 1.52 0.00	36.04 1.59 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.52 2.01 0.00	32.73 1.96 0.00	23.57 1.48 0.00	23.37 1.45 0.00	23.18 1.41 0.00	22.63 1.22 0.00	23.07 1.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD_GT_9 24257	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.87 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.62 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.52 2.02 0.00	32.75 1.98 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.19 1.42 0.00	22.64 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD___1 23533	20.04 1.13 0.00	18.81 1.06 0.00	20.31 1.09 0.00	20.27 1.01 0.00	19.26 0.92 0.00	19.25 0.91 0.00	20.89 0.90 0.00	22.27 0.87 0.00	31.24 1.18 0.00	35.36 1.49 0.00	35.80 1.49 0.00	35.17 1.42 0.00	37.69 1.58 0.00	36.43 1.60 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.59 2.09 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.49 0.00	23.22 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00
RAVENSWOOD___2 23534	20.04 1.13 0.00	18.81 1.06 0.00	20.31 1.09 0.00	20.27 1.01 0.00	19.26 0.92 0.00	19.25 0.91 0.00	20.89 0.90 0.00	22.27 0.87 0.00	31.24 1.18 0.00	35.36 1.49 0.00	35.80 1.49 0.00	35.17 1.42 0.00	37.69 1.58 0.00	36.43 1.60 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.59 2.09 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.49 0.00	23.22 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00

RAVENSWOOD___3 23535	20.02 1.10 0.00	18.79 1.04 0.00	20.25 1.02 0.00	20.21 0.95 0.00	19.23 0.90 0.00	19.22 0.88 0.00	20.87 0.88 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.29 1.43 0.00	35.74 1.44 0.00	35.12 1.37 0.00	37.63 1.51 0.00	36.36 1.54 0.00	36.07 1.61 0.00	24.38 1.38 0.00	26.03 1.63 0.00	33.53 2.02 0.00	32.75 1.98 0.00	23.58 1.49 0.00	23.38 1.45 0.00	23.18 1.42 0.00	22.63 1.22 0.00	23.08 1.06 0.00
RAVENSWOOD___4 23820	20.04 1.13 0.00	18.81 1.06 0.00	20.31 1.09 0.00	20.27 1.01 0.00	19.26 0.92 0.00	19.25 0.91 0.00	20.89 0.90 0.00	22.27 0.87 0.00	31.24 1.18 0.00	35.36 1.49 0.00	35.80 1.49 0.00	35.17 1.42 0.00	37.69 1.58 0.00	36.43 1.60 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.59 2.09 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.49 0.00	23.22 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00
RCPL_TRUST___DRP 24196	20.04 1.12 0.00	18.81 1.06 0.00	20.27 1.04 0.00	20.23 0.97 0.00	19.25 0.92 0.00	19.24 0.89 0.00	20.90 0.91 0.00	22.29 0.90 0.00	31.24 1.18 0.00	35.36 1.50 0.00	35.81 1.51 0.00	35.17 1.42 0.00	37.68 1.56 0.00	36.41 1.59 0.00	36.11 1.66 0.00	24.42 1.42 0.00	26.07 1.67 0.00	33.57 2.07 0.00	32.81 2.04 0.00	23.62 1.54 0.00	23.43 1.50 0.00	23.23 1.47 0.00	22.69 1.27 0.00	23.12 1.10 0.00
RED___ROCHESTER 323720	18.28 -0.64 0.00	17.16 -0.59 0.00	18.52 -0.71 0.00	18.63 -0.63 0.00	17.76 -0.57 0.00	17.69 -0.66 0.00	19.30 -0.69 0.00	20.37 -1.02 0.00	28.66 -1.40 0.00	32.50 -1.37 0.00	33.46 -0.84 0.00	33.11 -0.64 0.00	35.58 -0.54 0.00	34.14 -0.68 0.00	29.36 -0.79 4.31	22.03 -0.47 0.49	23.33 -0.33 0.74	29.05 -0.56 1.89	30.01 -0.55 0.22	21.67 -0.42 0.00	21.45 -0.48 0.00	21.38 -0.39 0.00	21.05 -0.36 0.00	21.87 -0.15 0.00
REGAN___SOLAR 323812	20.63 1.71 0.00	19.27 1.52 0.00	20.84 1.62 0.00	20.90 1.64 0.00	19.91 1.57 0.00	19.89 1.54 0.00	21.74 1.75 0.00	23.30 1.90 0.00	32.82 2.76 0.00	37.15 3.28 0.00	37.62 3.32 0.00	37.11 3.36 0.00	39.89 3.78 0.00	38.36 3.54 0.00	38.07 3.61 0.00	25.52 2.52 0.00	27.25 2.86 0.00	35.50 4.00 0.00	34.56 3.79 0.00	24.67 2.58 0.00	24.37 2.45 0.00	24.16 2.40 0.00	23.71 2.29 0.00	24.31 2.29 0.00
RENSSELAER___COGEN 23796	19.37 0.45 0.00	18.20 0.45 0.00	19.68 0.46 0.00	19.68 0.42 0.00	18.75 0.41 0.00	18.74 0.39 0.00	20.34 0.34 0.00	21.76 0.36 0.00	30.42 0.35 0.00	34.31 0.44 0.00	34.64 0.34 0.00	34.10 0.35 0.00	36.51 0.39 0.00	35.23 0.40 0.00	34.79 0.33 0.00	23.41 0.41 0.00	24.99 0.59 0.00	32.30 0.80 0.00	31.54 0.76 0.00	22.61 0.51 0.00	22.49 0.56 0.00	22.29 0.52 0.00	21.76 0.35 0.00	22.25 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.04 1.12 0.00	18.88 1.13 0.00	20.45 1.23 0.00	20.43 1.17 0.00	19.51 1.18 0.00	19.49 1.14 0.00	21.33 1.34 0.00	22.88 1.48 0.00	31.94 1.88 0.00	36.11 2.25 0.00	36.39 2.09 0.00	36.02 2.27 0.00	38.66 2.54 0.00	37.59 2.76 0.00	37.75 3.29 0.00	25.55 2.55 0.00	27.39 3.00 0.00	35.33 3.83 0.00	34.59 3.81 0.00	24.61 2.52 0.00	24.27 2.34 0.00	24.16 2.39 0.00	23.24 1.83 0.00	23.60 1.58 0.00
REVERE_CPPR_DRP 24186	19.34 0.42 0.00	18.14 0.39 0.00	19.67 0.44 0.00	19.73 0.48 0.00	18.76 0.43 0.00	18.74 0.39 0.00	20.44 0.44 0.00	21.94 0.55 0.00	30.86 0.80 0.00	34.75 0.89 0.00	35.34 1.03 0.00	34.85 1.10 0.00	37.32 1.20 0.00	36.00 1.18 0.00	35.68 1.22 0.00	23.88 0.88 0.00	25.49 1.10 0.00	33.01 1.51 0.00	32.19 1.41 0.00	23.06 0.97 0.00	22.82 0.90 0.00	22.65 0.88 0.00	22.20 0.78 0.00	22.78 0.76 0.00
REYNOLDS_115KV_TB3 80639	19.47 0.55 0.00	18.29 0.54 0.00	19.79 0.56 0.00	19.78 0.52 0.00	18.85 0.52 0.00	18.83 0.49 0.00	20.44 0.44 0.00	21.85 0.45 0.00	30.53 0.46 0.00	34.43 0.56 0.00	34.74 0.43 0.00	34.19 0.44 0.00	36.62 0.50 0.00	35.41 0.59 0.00	35.02 0.57 0.00	23.59 0.59 0.00	25.18 0.79 0.00	32.54 1.04 0.00	31.78 1.00 0.00	22.78 0.69 0.00	22.67 0.74 0.00	22.48 0.71 0.00	21.94 0.53 0.00	22.42 0.40 0.00
RIVERBAY____ 323610	20.09 1.18 0.00	18.87 1.12 0.00	20.41 1.18 0.00	20.36 1.10 0.00	19.33 1.00 0.00	19.32 0.97 0.00	20.98 0.99 0.00	22.35 0.96 0.00	31.41 1.35 0.00	35.51 1.65 0.00	35.97 1.66 0.00	35.34 1.59 0.00	37.90 1.78 0.00	36.60 1.78 0.00	36.36 1.90 0.00	24.53 1.53 0.00	26.20 1.81 0.00	33.72 2.22 0.00	33.01 2.24 0.00	23.70 1.61 0.00	23.47 1.54 0.00	23.24 1.47 0.00	22.70 1.28 0.00	23.15 1.13 0.00
RIVERSDE_115KV_TB3 55908	19.42 0.51 0.00	18.26 0.51 0.00	19.74 0.52 0.00	19.74 0.48 0.00	18.81 0.47 0.00	18.79 0.44 0.00	20.40 0.40 0.00	21.82 0.42 0.00	30.48 0.42 0.00	34.40 0.53 0.00	34.72 0.41 0.00	34.18 0.43 0.00	36.60 0.48 0.00	35.35 0.52 0.00	34.93 0.48 0.00	23.52 0.52 0.00	25.10 0.71 0.00	32.45 0.95 0.00	31.67 0.90 0.00	22.71 0.62 0.00	22.58 0.66 0.00	22.39 0.62 0.00	21.86 0.45 0.00	22.34 0.33 0.00
ROARING___BROOK_WT_PWR 323790	18.59 -0.33 0.00	17.43 -0.31 0.00	18.97 -0.26 0.00	19.08 -0.18 0.00	18.10 -0.23 0.00	18.04 -0.30 0.00	19.72 -0.27 0.00	21.24 -0.15 0.00	29.82 -0.24 0.00	33.47 -0.40 0.00	33.87 -0.44 0.00	33.28 -0.48 0.00	35.61 -0.51 0.00	34.30 -0.53 0.00	33.87 -0.59 0.00	22.62 -0.38 0.00	24.03 -0.37 0.00	31.12 -0.38 0.00	30.42 -0.36 0.00	21.85 -0.24 0.00	21.69 -0.23 0.00	21.54 -0.22 0.00	21.24 -0.18 0.00	21.90 -0.12 0.00
ROCHESRG_115KV_T4 355643	18.12 -0.80 0.00	17.02 -0.73 0.00	18.37 -0.85 0.00	18.48 -0.78 0.00	17.62 -0.71 0.00	17.56 -0.79 0.00	19.13 -0.86 0.00	20.19 -1.21 0.00	28.39 -1.67 0.00	32.17 -1.69 0.00	33.11 -1.20 0.00	32.76 -1.00 0.00	35.19 -0.93 0.00	33.76 -1.06 0.00	33.29 -1.16 0.00	22.27 -0.73 0.00	23.78 -0.62 0.00	30.55 -0.95 0.00	29.85 -0.93 0.00	21.42 -0.67 0.00	21.21 -0.72 0.00	21.15 -0.61 0.00	20.83 -0.58 0.00	21.65 -0.37 0.00
ROCHESTER_9_IC 23652	18.21 -0.71 0.00	17.10 -0.65 0.00	18.46 -0.77 0.00	18.56 -0.70 0.00	17.70 -0.64 0.00	17.63 -0.71 0.00	19.22 -0.77 0.00	20.28 -1.11 0.00	28.53 -1.53 0.00	32.34 -1.52 0.00	33.31 -1.00 0.00	32.95 -0.80 0.00	35.40 -0.72 0.00	33.96 -0.86 0.00	33.49 -0.97 0.00	22.41 -0.59 0.00	23.93 -0.46 0.00	30.76 -0.74 0.00	30.05 -0.73 0.00	21.56 -0.53 0.00	21.34 -0.59 0.00	21.28 -0.49 0.00	20.95 -0.46 0.00	21.77 -0.25 0.00
ROCKVIEW_13_KV_LD 356306	20.01 1.09 0.00	18.77 1.03 0.00	20.25 1.03 0.00	20.23 0.97 0.00	19.25 0.91 0.00	19.23 0.89 0.00	20.89 0.90 0.00	22.29 0.89 0.00	31.22 1.16 0.00	35.30 1.43 0.00	35.78 1.47 0.00	35.18 1.43 0.00	37.71 1.59 0.00	36.45 1.62 0.00	36.12 1.66 0.00	24.38 1.38 0.00	26.04 1.65 0.00	33.62 2.12 0.00	32.82 2.05 0.00	23.59 1.50 0.00	23.40 1.47 0.00	23.16 1.39 0.00	22.66 1.24 0.00	23.13 1.11 0.00

ROME____115KV_TB2 80656	19.34 0.42 0.00	18.14 0.39 0.00	19.67 0.44 0.00	19.73 0.48 0.00	18.76 0.43 0.00	18.74 0.39 0.00	20.44 0.44 0.00	21.94 0.55 0.00	30.86 0.80 0.00	34.75 0.89 0.00	35.34 1.03 0.00	34.85 1.10 0.00	37.32 1.20 0.00	36.00 1.18 0.00	35.68 1.22 0.00	23.88 0.88 0.00	25.49 1.10 0.00	33.01 1.51 0.00	32.19 1.41 0.00	23.06 0.97 0.00	22.82 0.90 0.00	22.65 0.88 0.00	22.20 0.78 0.00	22.78 0.76 0.00
ROSETON____1 23587	19.76 0.84 0.00	18.55 0.80 0.00	20.04 0.81 0.00	20.02 0.77 0.00	19.06 0.73 0.00	19.04 0.70 0.00	20.68 0.69 0.00	22.09 0.69 0.00	30.92 0.86 0.00	34.93 1.06 0.00	35.37 1.07 0.00	34.80 1.05 0.00	37.30 1.18 0.00	36.05 1.23 0.00	35.71 1.25 0.00	24.06 1.06 0.00	25.70 1.30 0.00	33.19 1.69 0.00	32.40 1.62 0.00	23.27 1.17 0.00	23.09 1.16 0.00	22.91 1.14 0.00	22.38 0.97 0.00	22.85 0.83 0.00
ROSETON____2 23588	19.76 0.84 0.00	18.55 0.80 0.00	20.04 0.81 0.00	20.02 0.77 0.00	19.06 0.73 0.00	19.04 0.70 0.00	20.68 0.69 0.00	22.09 0.69 0.00	30.92 0.86 0.00	34.93 1.06 0.00	35.37 1.07 0.00	34.80 1.05 0.00	37.30 1.18 0.00	36.05 1.23 0.00	35.71 1.25 0.00	24.06 1.06 0.00	25.70 1.30 0.00	33.19 1.69 0.00	32.40 1.62 0.00	23.27 1.17 0.00	23.09 1.16 0.00	22.91 1.14 0.00	22.38 0.97 0.00	22.85 0.83 0.00
ROTTRDAM_115KV_TB3 80664	19.49 0.57 0.00	18.29 0.54 0.00	19.80 0.58 0.00	19.81 0.55 0.00	18.86 0.53 0.00	18.86 0.51 0.00	20.51 0.51 0.00	21.93 0.53 0.00	30.71 0.65 0.00	34.65 0.79 0.00	35.06 0.75 0.00	34.52 0.77 0.00	36.99 0.87 0.00	35.75 0.92 0.00	35.41 0.95 0.00	23.78 0.78 0.00	25.35 0.96 0.00	32.77 1.27 0.00	32.01 1.23 0.00	22.94 0.85 0.00	22.77 0.84 0.00	22.59 0.83 0.00	22.10 0.68 0.00	22.63 0.61 0.00
RUSSELL____1 23602	18.28 -0.64 0.00	17.16 -0.59 0.00	18.52 -0.70 0.00	18.63 -0.63 0.00	17.76 -0.57 0.00	17.70 -0.65 0.00	19.29 -0.69 0.00	20.37 -1.03 0.00	28.66 -1.40 0.00	32.49 -1.37 0.00	33.47 -0.84 0.00	33.12 -0.63 0.00	35.58 -0.54 0.00	34.14 -0.69 0.00	33.67 -0.79 0.00	22.53 -0.47 0.00	24.06 -0.33 0.00	30.94 -0.56 0.00	30.23 -0.55 0.00	21.67 -0.42 0.00	21.45 -0.48 0.00	21.38 -0.39 0.00	21.06 -0.36 0.00	21.86 -0.15 0.00
RUSSELL____2 23532	18.28 -0.64 0.00	17.16 -0.59 0.00	18.52 -0.70 0.00	18.63 -0.63 0.00	17.76 -0.57 0.00	17.70 -0.65 0.00	19.29 -0.69 0.00	20.37 -1.03 0.00	28.66 -1.40 0.00	32.49 -1.37 0.00	33.47 -0.84 0.00	33.12 -0.63 0.00	35.58 -0.54 0.00	34.14 -0.69 0.00	33.67 -0.79 0.00	22.53 -0.47 0.00	24.06 -0.33 0.00	30.94 -0.56 0.00	30.23 -0.55 0.00	21.67 -0.42 0.00	21.45 -0.48 0.00	21.38 -0.39 0.00	21.06 -0.36 0.00	21.86 -0.15 0.00
RUSSELL____3 23549	18.28 -0.64 0.00	17.16 -0.59 0.00	18.52 -0.70 0.00	18.63 -0.63 0.00	17.76 -0.57 0.00	17.70 -0.65 0.00	19.29 -0.69 0.00	20.37 -1.03 0.00	28.66 -1.40 0.00	32.49 -1.37 0.00	33.47 -0.84 0.00	33.12 -0.63 0.00	35.58 -0.54 0.00	34.14 -0.69 0.00	33.67 -0.79 0.00	22.53 -0.47 0.00	24.06 -0.33 0.00	30.94 -0.56 0.00	30.23 -0.55 0.00	21.67 -0.42 0.00	21.45 -0.48 0.00	21.38 -0.39 0.00	21.06 -0.36 0.00	21.86 -0.15 0.00
RUSSELL____4 23556	18.28 -0.64 0.00	17.16 -0.59 0.00	18.52 -0.70 0.00	18.63 -0.63 0.00	17.76 -0.57 0.00	17.70 -0.65 0.00	19.29 -0.69 0.00	20.37 -1.03 0.00	28.66 -1.40 0.00	32.49 -1.37 0.00	33.47 -0.84 0.00	33.12 -0.63 0.00	35.58 -0.54 0.00	34.14 -0.69 0.00	33.67 -0.79 0.00	22.53 -0.47 0.00	24.06 -0.33 0.00	30.94 -0.56 0.00	30.23 -0.55 0.00	21.67 -0.42 0.00	21.45 -0.48 0.00	21.38 -0.39 0.00	21.06 -0.36 0.00	21.86 -0.15 0.00
RUSSELL____STATION 23914	18.28 -0.64 0.00	17.16 -0.59 0.00	18.52 -0.70 0.00	18.63 -0.63 0.00	17.76 -0.57 0.00	17.70 -0.65 0.00	19.29 -0.69 0.00	20.37 -1.03 0.00	28.66 -1.40 0.00	32.49 -1.37 0.00	33.47 -0.84 0.00	33.12 -0.63 0.00	35.58 -0.54 0.00	34.14 -0.69 0.00	33.67 -0.79 0.00	22.53 -0.47 0.00	24.06 -0.33 0.00	30.94 -0.56 0.00	30.23 -0.55 0.00	21.67 -0.42 0.00	21.45 -0.48 0.00	21.38 -0.39 0.00	21.06 -0.36 0.00	21.86 -0.15 0.00
S SALMON____HYD 24043	18.38 -0.54 0.00	17.23 -0.52 0.00	18.71 -0.52 0.00	18.77 -0.49 0.00	17.86 -0.47 0.00	17.80 -0.55 0.00	19.32 -0.67 0.00	20.76 -0.64 0.00	29.21 -0.85 0.00	32.85 -1.02 0.00	33.43 -0.87 0.00	33.00 -0.75 0.00	35.34 -0.78 0.00	34.10 -0.73 0.00	33.80 -0.66 0.00	22.59 -0.41 0.00	24.06 -0.33 0.00	31.18 -0.32 0.00	30.44 -0.34 0.00	21.81 -0.28 0.00	21.63 -0.29 0.00	21.47 -0.30 0.00	21.06 -0.35 0.00	21.65 -0.37 0.00
S.PERRY__115KV_TB1 80734	18.99 0.07 0.00	17.87 0.12 0.00	19.29 0.07 0.00	19.35 0.09 0.00	18.48 0.14 0.00	18.42 0.07 0.00	20.12 0.13 0.00	21.38 -0.01 0.00	30.12 0.06 0.00	34.08 0.22 0.00	35.04 0.74 0.00	34.57 0.81 0.00	36.92 0.80 0.00	35.33 0.50 0.00	34.93 0.48 0.00	23.49 0.49 0.00	25.22 0.82 0.00	32.72 1.22 0.00	32.04 1.26 0.00	22.99 0.90 0.00	22.69 0.77 0.00	22.64 0.87 0.00	22.20 0.79 0.00	22.91 0.89 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.80 -1.12 0.00	16.71 -1.04 0.00	18.02 -1.20 0.00	18.17 -1.09 0.00	17.33 -1.00 0.00	17.22 -1.13 0.00	18.76 -1.23 0.00	19.61 -1.78 0.00	27.59 -2.48 0.00	31.32 -2.54 0.00	32.54 -1.77 0.00	32.27 -1.48 0.00	34.73 -1.39 0.00	33.17 -1.65 0.00	32.67 -1.79 0.00	21.89 -1.11 0.00	23.42 -0.97 0.00	29.97 -1.54 0.00	29.28 -1.50 0.00	21.05 -1.04 0.00	20.82 -1.10 0.00	20.84 -0.93 0.00	20.61 -0.81 0.00	21.62 -0.40 0.00
SAWYER____23_KV_LOAD 55526	17.80 -1.12 0.00	16.71 -1.04 0.00	18.02 -1.20 0.00	18.17 -1.09 0.00	17.33 -1.00 0.00	17.22 -1.13 0.00	18.76 -1.23 0.00	19.61 -1.78 0.00	27.59 -2.48 0.00	31.32 -2.54 0.00	32.54 -1.77 0.00	32.27 -1.48 0.00	34.73 -1.39 0.00	33.17 -1.65 0.00	32.67 -1.79 0.00	21.89 -1.11 0.00	23.42 -0.97 0.00	29.97 -1.54 0.00	29.28 -1.50 0.00	21.05 -1.04 0.00	20.82 -1.10 0.00	20.84 -0.93 0.00	20.61 -0.81 0.00	21.62 -0.40 0.00
SELKIRK____I 23801	19.50 0.58 0.00	18.32 0.57 0.00	19.83 0.61 0.00	19.84 0.58 0.00	18.90 0.56 0.00	18.89 0.54 0.00	20.51 0.52 0.00	21.93 0.53 0.00	30.67 0.61 0.00	34.59 0.72 0.00	34.97 0.67 0.00	34.41 0.66 0.00	36.82 0.70 0.00	35.54 0.72 0.00	35.15 0.69 0.00	23.64 0.64 0.00	25.22 0.83 0.00	32.61 1.11 0.00	31.83 1.05 0.00	22.82 0.73 0.00	22.68 0.75 0.00	22.49 0.72 0.00	21.98 0.57 0.00	22.48 0.46 0.00
SELKIRK____II 23799	19.40 0.48 0.00	18.23 0.48 0.00	19.72 0.50 0.00	19.72 0.46 0.00	18.79 0.45 0.00	18.78 0.43 0.00	20.39 0.39 0.00	21.80 0.40 0.00	30.50 0.44 0.00	34.40 0.53 0.00	34.78 0.47 0.00	34.22 0.46 0.00	36.65 0.53 0.00	35.37 0.55 0.00	34.97 0.52 0.00	23.51 0.51 0.00	25.09 0.69 0.00	32.43 0.93 0.00	31.66 0.88 0.00	22.70 0.61 0.00	22.56 0.63 0.00	22.38 0.61 0.00	21.87 0.46 0.00	22.37 0.35 0.00

SENECA OSWGO___HYD 24041	18.48 -0.44 0.00	17.32 -0.43 0.00	18.74 -0.48 0.00	18.79 -0.47 0.00	17.90 -0.43 0.00	17.88 -0.46 0.00	19.46 -0.52 0.00	20.74 -0.65 0.00	29.14 -0.93 0.00	32.88 -0.98 0.00	33.50 -0.81 0.00	33.01 -0.74 0.00	35.38 -0.75 0.00	34.09 -0.73 0.00	33.69 -0.77 0.00	22.50 -0.50 0.00	23.95 -0.45 0.00	30.91 -0.59 0.00	30.17 -0.60 0.00	21.66 -0.43 0.00	21.46 -0.47 0.00	21.31 -0.45 0.00	20.92 -0.49 0.00	21.51 -0.51 0.00
SENECA___115KV_TB3 355854	18.06 -0.86 0.00	16.94 -0.81 0.00	18.28 -0.95 0.00	18.42 -0.84 0.00	17.57 -0.77 0.00	17.46 -0.88 0.00	19.04 -0.95 0.00	19.93 -1.47 0.00	28.02 -2.04 0.00	31.80 -2.06 0.00	33.02 -1.28 0.00	32.76 -0.99 0.00	35.29 -0.83 0.00	33.71 -1.11 0.00	33.19 -1.26 0.00	22.24 -0.75 0.00	23.80 -0.59 0.00	30.45 -1.05 0.00	29.75 -1.02 0.00	21.39 -0.70 0.00	21.16 -0.77 0.00	21.18 -0.59 0.00	20.93 -0.48 0.00	21.92 -0.10 0.00
SENECA___ENERGY 23797	18.61 -0.31 0.00	17.47 -0.28 0.00	18.90 -0.33 0.00	18.95 -0.31 0.00	18.04 -0.29 0.00	18.03 -0.32 0.00	19.64 -0.35 0.00	20.93 -0.47 0.00	29.36 -0.70 0.00	33.14 -0.72 0.00	33.88 -0.42 0.00	33.46 -0.29 0.00	35.91 -0.21 0.00	34.50 -0.32 0.00	34.11 -0.35 0.00	22.87 -0.12 0.00	24.43 0.03 0.00	31.54 0.03 0.00	30.80 0.02 0.00	22.11 0.02 0.00	21.89 -0.04 0.00	21.76 -0.01 0.00	21.32 -0.09 0.00	21.96 -0.06 0.00
SHOEMAKER___GT 23640	19.64 0.73 0.00	18.42 0.67 0.00	19.91 0.68 0.00	19.90 0.64 0.00	18.95 0.61 0.00	18.93 0.58 0.00	20.58 0.58 0.00	21.98 0.59 0.00	30.78 0.72 0.00	34.75 0.89 0.00	35.21 0.90 0.00	34.64 0.89 0.00	37.14 1.02 0.00	35.86 1.04 0.00	35.49 1.03 0.00	23.86 0.86 0.00	25.51 1.12 0.00	32.99 1.49 0.00	32.20 1.42 0.00	23.11 1.02 0.00	22.92 1.00 0.00	22.76 1.00 0.00	22.26 0.85 0.00	22.76 0.74 0.00
SHOEMAKR_138KV_BK 111 55601	19.64 0.72 0.00	18.41 0.67 0.00	19.90 0.68 0.00	19.90 0.64 0.00	18.94 0.61 0.00	18.92 0.57 0.00	20.57 0.57 0.00	21.97 0.57 0.00	30.77 0.71 0.00	34.75 0.88 0.00	35.21 0.90 0.00	34.64 0.89 0.00	37.13 1.01 0.00	35.86 1.04 0.00	35.49 1.03 0.00	23.87 0.87 0.00	25.50 1.11 0.00	32.97 1.47 0.00	32.20 1.42 0.00	23.10 1.01 0.00	22.92 0.99 0.00	22.76 0.99 0.00	22.25 0.84 0.00	22.76 0.74 0.00
SHOREHAM_IC_1 23715	20.40 1.48 0.00	19.22 1.47 0.00	20.69 1.46 0.00	20.65 1.39 0.00	19.62 1.29 0.00	19.67 1.32 0.00	21.25 1.27 0.00	22.64 1.25 0.00	31.77 1.71 0.00	35.63 1.77 0.00	36.45 2.15 0.00	35.87 2.12 0.00	38.29 2.17 0.00	37.03 2.20 0.00	37.49 2.40 -0.63	24.85 1.85 0.00	26.73 2.34 0.00	34.55 3.05 0.00	33.21 2.43 0.00	23.70 1.61 0.00	23.47 1.55 0.00	23.32 1.56 0.00	22.75 1.33 0.00	23.30 1.28 0.00
SHOREHAM_IC_2 23716	20.40 1.48 0.00	19.22 1.47 0.00	20.69 1.46 0.00	20.65 1.39 0.00	19.62 1.29 0.00	19.67 1.32 0.00	21.25 1.27 0.00	22.64 1.25 0.00	31.77 1.71 0.00	35.63 1.77 0.00	36.45 2.15 0.00	35.87 2.12 0.00	38.29 2.17 0.00	37.03 2.20 0.00	37.49 2.40 -0.63	24.85 1.85 0.00	26.73 2.34 0.00	34.55 3.05 0.00	33.21 2.43 0.00	23.70 1.61 0.00	23.47 1.55 0.00	23.32 1.56 0.00	22.75 1.33 0.00	23.30 1.28 0.00
SISSONVILLE___ 23735	18.42 -0.50 0.00	17.27 -0.48 0.00	18.78 -0.45 0.00	18.85 -0.41 0.00	17.85 -0.49 0.00	17.77 -0.58 0.00	19.49 -0.50 0.00	21.20 -0.20 0.00	29.98 -0.08 0.00	33.66 -0.21 0.00	34.03 -0.28 0.00	33.42 -0.34 0.00	35.67 -0.45 0.00	34.34 -0.48 0.00	34.03 -0.43 0.00	22.60 -0.39 0.00	23.61 -0.79 0.00	30.58 -0.92 0.00	29.93 -0.85 0.00	21.45 -0.64 0.00	21.28 -0.65 0.00	21.11 -0.66 0.00	21.02 -0.40 0.00	21.82 -0.20 0.00
SITHE_IND_GS1 24169	18.35 -0.57 0.00	17.21 -0.54 0.00	18.63 -0.60 0.00	18.67 -0.59 0.00	17.78 -0.55 0.00	17.77 -0.58 0.00	19.33 -0.66 0.00	20.61 -0.79 0.00	28.92 -1.14 0.00	32.63 -1.24 0.00	33.20 -1.11 0.00	32.70 -1.05 0.00	35.04 -1.08 0.00	33.76 -1.07 0.00	33.35 -1.11 0.00	22.25 -0.75 0.00	23.63 -0.76 0.00	30.50 -1.00 0.00	29.78 -0.99 0.00	21.39 -0.70 0.00	21.21 -0.71 0.00	21.07 -0.70 0.00	20.70 -0.71 0.00	21.29 -0.73 0.00
SITHE_IND_GS2 24170	18.35 -0.57 0.00	17.21 -0.54 0.00	18.63 -0.60 0.00	18.67 -0.59 0.00	17.78 -0.55 0.00	17.77 -0.58 0.00	19.33 -0.66 0.00	20.61 -0.79 0.00	28.92 -1.14 0.00	32.63 -1.24 0.00	33.20 -1.11 0.00	32.70 -1.05 0.00	35.04 -1.08 0.00	33.76 -1.07 0.00	33.35 -1.11 0.00	22.25 -0.75 0.00	23.63 -0.76 0.00	30.50 -1.00 0.00	29.78 -0.99 0.00	21.39 -0.70 0.00	21.21 -0.71 0.00	21.07 -0.70 0.00	20.70 -0.71 0.00	21.29 -0.73 0.00
SITHE_IND_GS3 24171	18.35 -0.57 0.00	17.21 -0.54 0.00	18.63 -0.60 0.00	18.67 -0.59 0.00	17.78 -0.55 0.00	17.77 -0.58 0.00	19.33 -0.66 0.00	20.61 -0.79 0.00	28.92 -1.14 0.00	32.63 -1.24 0.00	33.20 -1.11 0.00	32.70 -1.05 0.00	35.04 -1.08 0.00	33.76 -1.07 0.00	33.35 -1.11 0.00	22.25 -0.75 0.00	23.63 -0.76 0.00	30.50 -1.00 0.00	29.78 -0.99 0.00	21.39 -0.70 0.00	21.21 -0.71 0.00	21.07 -0.70 0.00	20.70 -0.71 0.00	21.29 -0.73 0.00
SITHE_IND_GS4 24172	18.35 -0.57 0.00	17.21 -0.54 0.00	18.63 -0.60 0.00	18.67 -0.59 0.00	17.78 -0.55 0.00	17.77 -0.58 0.00	19.33 -0.66 0.00	20.61 -0.79 0.00	28.92 -1.14 0.00	32.63 -1.24 0.00	33.20 -1.11 0.00	32.70 -1.05 0.00	35.04 -1.08 0.00	33.76 -1.07 0.00	33.35 -1.11 0.00	22.25 -0.75 0.00	23.63 -0.76 0.00	30.50 -1.00 0.00	29.78 -0.99 0.00	21.39 -0.70 0.00	21.21 -0.71 0.00	21.07 -0.70 0.00	20.70 -0.71 0.00	21.29 -0.73 0.00
SITHE___BATAVIA 24024	18.18 -0.74 0.00	17.07 -0.68 0.00	18.41 -0.82 0.00	18.54 -0.72 0.00	17.71 -0.63 0.00	17.58 -0.76 0.00	19.21 -0.78 0.00	20.15 -1.25 0.00	28.38 -1.69 0.00	32.25 -1.61 0.00	33.37 -0.94 0.00	33.07 -0.69 0.00	35.55 -0.57 0.00	34.04 -0.78 0.00	26.67 -0.93 6.85	21.66 -0.56 0.78	22.87 -0.35 1.17	27.90 -0.60 3.01	29.85 -0.58 0.35	21.65 -0.44 0.00	21.40 -0.53 0.00	21.37 -0.40 0.00	21.09 -0.32 0.00	22.07 0.05 0.00
SITHE___INDEPEND 23800	18.35 -0.57 0.00	17.21 -0.54 0.00	18.63 -0.60 0.00	18.67 -0.59 0.00	17.78 -0.55 0.00	17.77 -0.58 0.00	19.33 -0.66 0.00	20.60 -0.79 0.00	28.92 -1.14 0.00	32.63 -1.24 0.00	33.20 -1.11 0.00	32.71 -1.04 0.00	35.04 -1.07 0.00	33.76 -1.06 0.00	33.35 -1.11 0.00	22.25 -0.75 0.00	23.63 -0.76 0.00	30.50 -1.00 0.00	29.78 -0.99 0.00	21.39 -0.70 0.00	21.21 -0.71 0.00	21.07 -0.70 0.00	20.70 -0.71 0.00	21.29 -0.73 0.00
SITHE___MASSENA 23902	18.79 -0.13 0.00	17.62 -0.13 0.00	19.13 -0.10 0.00	19.20 -0.06 0.00	18.24 -0.09 0.00	18.26 -0.09 0.00	20.00 0.01 0.00	21.64 0.25 0.00	30.56 0.50 0.00	34.34 0.48 0.00	34.55 0.24 0.00	33.91 0.15 0.00	36.22 0.11 0.00	34.84 0.02 0.00	34.49 0.03 0.00	22.91 -0.09 0.00	24.07 -0.32 0.00	31.09 -0.41 0.00	30.43 -0.35 0.00	21.84 -0.25 0.00	21.68 -0.24 0.00	21.51 -0.25 0.00	21.34 -0.07 0.00	22.10 0.08 0.00

SITHE___OGDNSBRG 24021	18.91 -0.01 0.00	17.72 -0.03 0.00	19.25 0.03 0.00	19.32 0.06 0.00	18.33 0.00 0.00	18.34 -0.01 0.00	20.13 0.13 0.00	21.85 0.45 0.00	30.89 0.83 0.00	34.70 0.84 0.00	34.93 0.63 0.00	34.28 0.53 0.00	36.61 0.49 0.00	35.21 0.39 0.00	34.89 0.43 0.00	23.19 0.20 0.00	24.30 -0.09 0.00	31.46 -0.04 0.00	30.79 0.02 0.00	22.07 -0.02 0.00	21.89 -0.04 0.00	21.70 -0.07 0.00	21.56 0.14 0.00	22.34 0.32 0.00
SITHE___STERLING 23777	19.25 0.33 0.00	18.05 0.30 0.00	19.56 0.33 0.00	19.62 0.36 0.00	18.67 0.33 0.00	18.65 0.30 0.00	20.33 0.33 0.00	21.79 0.39 0.00	30.61 0.55 0.00	34.52 0.65 0.00	35.10 0.79 0.00	34.58 0.83 0.00	37.06 0.94 0.00	35.73 0.91 0.00	35.38 0.92 0.00	23.68 0.69 0.00	25.27 0.88 0.00	32.69 1.19 0.00	31.88 1.11 0.00	22.84 0.75 0.00	22.62 0.70 0.00	22.46 0.70 0.00	22.01 0.60 0.00	22.59 0.57 0.00
SLEIGHT__34_KV_TB1 80719	18.34 -0.57 0.00	17.22 -0.53 0.00	18.61 -0.61 0.00	18.69 -0.57 0.00	17.83 -0.50 0.00	17.78 -0.57 0.00	19.38 -0.61 0.00	20.57 -0.83 0.00	28.92 -1.14 0.00	32.71 -1.16 0.00	33.54 -0.77 0.00	33.14 -0.61 0.00	35.59 -0.53 0.00	34.18 -0.64 0.00	33.75 -0.71 0.00	22.59 -0.41 0.00	24.11 -0.28 0.00	31.06 -0.44 0.00	30.34 -0.44 0.00	21.73 -0.36 0.00	21.51 -0.41 0.00	21.41 -0.36 0.00	21.03 -0.39 0.00	21.75 -0.27 0.00
SOUTH CAIRO___GT 23612	20.06 1.15 0.00	18.83 1.08 0.00	20.38 1.16 0.00	20.40 1.14 0.00	19.43 1.09 0.00	19.45 1.10 0.00	21.14 1.15 0.00	22.68 1.28 0.00	31.78 1.72 0.00	35.87 2.00 0.00	36.28 1.98 0.00	35.68 1.93 0.00	38.22 2.10 0.00	36.79 1.97 0.00	36.32 1.87 0.00	24.50 1.50 0.00	26.27 1.87 0.00	34.08 2.58 0.00	33.26 2.48 0.00	23.74 1.65 0.00	23.53 1.61 0.00	23.32 1.55 0.00	22.71 1.30 0.00	23.21 1.20 0.00
SOUTH HAMPTN___IC 23720	20.48 1.57 0.00	19.30 1.55 0.00	20.75 1.53 0.00	20.72 1.45 0.00	19.70 1.36 0.00	19.78 1.43 0.00	21.39 1.40 0.00	22.77 1.38 0.00	31.98 1.92 0.00	35.93 2.06 0.00	36.75 2.45 0.00	36.15 2.39 0.00	38.65 2.53 0.00	37.37 2.55 0.00	37.84 2.75 -0.63	25.09 2.10 0.00	27.00 2.60 0.00	34.85 3.34 0.00	33.54 2.77 0.00	23.96 1.87 0.00	23.72 1.80 0.00	23.56 1.79 0.00	22.98 1.57 0.00	23.53 1.51 0.00
SOUTHDOW__115KV_TB1 355954	18.75 -0.17 0.00	17.48 -0.27 0.00	18.92 -0.30 0.00	19.04 -0.22 0.00	18.12 -0.22 0.00	18.10 -0.25 0.00	19.73 -0.26 0.00	20.78 -0.61 0.00	29.16 -0.91 0.00	33.00 -0.86 0.00	34.21 -0.10 0.00	33.94 0.18 0.00	36.59 0.47 0.00	35.01 0.18 0.00	34.38 -0.07 0.00	23.06 0.07 0.00	24.67 0.28 0.00	31.59 0.09 0.00	30.81 0.03 0.00	22.22 0.13 0.00	21.96 0.03 0.00	22.11 0.34 0.00	21.75 0.33 0.00	22.60 0.58 0.00
SOUTHOLD_69_KV_BK 2 55809	20.58 1.66 0.00	19.39 1.64 0.00	20.81 1.58 0.00	20.78 1.52 0.00	19.79 1.45 0.00	19.92 1.58 0.00	21.56 1.57 0.00	22.94 1.54 0.00	32.27 2.20 0.00	36.33 2.46 0.00	37.17 2.86 0.00	36.51 2.75 0.00	39.11 2.99 0.00	37.85 3.03 0.00	38.33 3.24 -0.63	25.44 2.44 0.00	27.39 2.99 0.00	35.29 3.79 0.00	33.99 3.22 0.00	24.28 2.19 0.00	24.04 2.11 0.00	23.84 2.08 0.00	23.25 1.84 0.00	23.80 1.78 0.00
SOUTHOLD___IC 23719	20.58 1.66 0.00	19.39 1.64 0.00	20.82 1.59 0.00	20.78 1.52 0.00	19.79 1.45 0.00	19.93 1.58 0.00	21.56 1.57 0.00	22.93 1.54 0.00	32.27 2.20 0.00	36.32 2.46 0.00	37.18 2.87 0.00	36.51 2.76 0.00	39.13 3.01 0.00	37.85 3.02 0.00	38.32 3.23 -0.63	25.44 2.44 0.00	27.39 2.99 0.00	35.28 3.78 0.00	33.99 3.21 0.00	24.28 2.19 0.00	24.04 2.11 0.00	23.84 2.08 0.00	23.25 1.84 0.00	23.80 1.78 0.00
SOUTH_FORK_WT_PWR 323839	20.49 1.57 0.00	19.31 1.56 0.00	20.71 1.49 0.00	20.66 1.40 0.00	19.70 1.36 0.00	19.87 1.53 0.00	21.52 1.53 0.00	22.85 1.46 0.00	32.20 2.14 0.00	36.27 2.40 0.00	37.13 2.82 0.00	36.43 2.68 0.00	39.09 2.97 0.00	37.84 3.02 0.00	38.31 3.22 -0.63	25.42 2.42 0.00	27.39 3.00 0.00	35.23 3.73 0.00	33.94 3.16 0.00	24.27 2.17 0.00	24.01 2.09 0.00	23.81 2.04 0.00	23.23 1.82 0.00	23.78 1.76 0.00
SPIERFLS_115KV_TB 1 80737	19.60 0.69 0.00	18.41 0.66 0.00	19.92 0.69 0.00	19.91 0.65 0.00	18.98 0.65 0.00	18.99 0.64 0.00	20.68 0.69 0.00	22.13 0.74 0.00	30.98 0.91 0.00	34.97 1.10 0.00	35.30 1.00 0.00	34.83 1.08 0.00	37.35 1.23 0.00	36.17 1.34 0.00	35.96 1.51 0.00	24.25 1.25 0.00	25.93 1.54 0.00	33.48 1.98 0.00	32.77 2.00 0.00	23.41 1.32 0.00	23.16 1.24 0.00	23.02 1.26 0.00	22.39 0.98 0.00	22.85 0.83 0.00
ST LAWRENCE____ 23600	18.64 -0.28 0.00	17.48 -0.27 0.00	18.97 -0.26 0.00	19.04 -0.22 0.00	18.10 -0.23 0.00	18.13 -0.21 0.00	19.86 -0.13 0.00	21.40 0.00 0.00	30.22 0.16 0.00	33.97 0.10 0.00	34.23 -0.07 0.00	33.59 -0.16 0.00	35.87 -0.24 0.00	34.53 -0.29 0.00	34.18 -0.28 0.00	22.69 -0.31 0.00	23.86 -0.53 0.00	30.80 -0.70 0.00	30.15 -0.63 0.00	21.65 -0.44 0.00	21.50 -0.43 0.00	21.33 -0.44 0.00	21.14 -0.27 0.00	21.87 -0.15 0.00
STATE_CA_115KV_115_LB 55624	19.44 0.52 0.00	18.26 0.51 0.00	19.75 0.53 0.00	19.75 0.49 0.00	18.81 0.48 0.00	18.80 0.46 0.00	20.42 0.42 0.00	21.84 0.44 0.00	30.54 0.47 0.00	34.45 0.59 0.00	34.80 0.50 0.00	34.27 0.52 0.00	36.70 0.58 0.00	35.41 0.58 0.00	34.98 0.52 0.00	23.54 0.54 0.00	25.13 0.73 0.00	32.48 0.97 0.00	31.70 0.92 0.00	22.72 0.63 0.00	22.58 0.66 0.00	22.39 0.63 0.00	21.87 0.46 0.00	22.35 0.33 0.00
STATE_ST_34_KV_LOAD 55959	18.88 -0.04 0.00	17.73 -0.02 0.00	19.21 -0.02 0.00	19.26 0.00 0.00	18.31 -0.03 0.00	18.32 -0.03 0.00	19.96 -0.03 0.00	21.29 -0.10 0.00	29.86 -0.20 0.00	33.63 -0.24 0.00	34.31 0.01 0.00	33.93 0.17 0.00	36.41 0.29 0.00	34.99 0.16 0.00	34.57 0.12 0.00	23.18 0.18 0.00	24.68 0.29 0.00	31.85 0.35 0.00	31.13 0.36 0.00	22.30 0.21 0.00	22.11 0.18 0.00	21.98 0.22 0.00	21.48 0.07 0.00	22.14 0.12 0.00
STATION 5_MISC_HYD 23604	18.21 -0.71 0.00	17.10 -0.65 0.00	18.45 -0.77 0.00	18.56 -0.70 0.00	17.70 -0.64 0.00	17.62 -0.73 0.00	19.22 -0.77 0.00	20.29 -1.10 0.00	28.53 -1.53 0.00	32.35 -1.52 0.00	33.30 -1.01 0.00	32.95 -0.81 0.00	35.39 -0.72 0.00	33.97 -0.86 0.00	29.18 -0.96 4.31	21.92 -0.59 0.49	23.19 -0.46 0.74	28.87 -0.74 1.89	29.83 -0.73 0.22	21.55 -0.54 0.00	21.34 -0.59 0.00	21.27 -0.49 0.00	20.95 -0.46 0.00	21.77 -0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.54 -0.37 0.00	17.40 -0.35 0.00	18.80 -0.42 0.00	18.89 -0.38 0.00	18.00 -0.33 0.00	17.97 -0.38 0.00	19.59 -0.40 0.00	20.78 -0.61 0.00	29.22 -0.84 0.00	33.08 -0.78 0.00	33.96 -0.35 0.00	33.54 -0.21 0.00	36.02 -0.10 0.00	34.58 -0.24 0.00	34.13 -0.32 0.00	22.86 -0.14 0.00	24.42 0.02 0.00	31.46 -0.04 0.00	30.72 -0.06 0.00	22.03 -0.06 0.00	21.79 -0.13 0.00	21.69 -0.07 0.00	21.30 -0.11 0.00	22.02 0.00 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	18.15 -0.77 0.00	17.04 -0.71 0.00	18.40 -0.83 0.00	18.50 -0.76 0.00	17.64 -0.70 0.00	17.58 -0.77 0.00	19.16 -0.83 0.00	20.24 -1.15 0.00	28.48 -1.58 0.00	32.28 -1.59 0.00	33.21 -1.09 0.00	32.85 -0.90 0.00	35.29 -0.83 0.00	33.87 -0.96 0.00	33.40 -1.06 0.00	22.34 -0.66 0.00	23.86 -0.54 0.00	30.69 -0.81 0.00	29.97 -0.81 0.00	21.49 -0.60 0.00	21.27 -0.65 0.00	21.20 -0.57 0.00	20.87 -0.54 0.00	21.66 -0.36 0.00
STA_56___34_KV_BUS2 355983	18.15 -0.77 0.00	17.04 -0.71 0.00	18.40 -0.83 0.00	18.50 -0.76 0.00	17.64 -0.70 0.00	17.58 -0.77 0.00	19.16 -0.83 0.00	20.24 -1.15 0.00	28.48 -1.58 0.00	32.28 -1.59 0.00	33.21 -1.09 0.00	32.85 -0.90 0.00	35.29 -0.83 0.00	33.87 -0.96 0.00	33.40 -1.06 0.00	22.34 -0.66 0.00	23.86 -0.54 0.00	30.69 -0.81 0.00	29.97 -0.81 0.00	21.49 -0.60 0.00	21.27 -0.65 0.00	21.20 -0.57 0.00	20.87 -0.54 0.00	21.66 -0.36 0.00
STA_67___115KV_BK2 355882	18.17 -0.74 0.00	17.07 -0.68 0.00	18.42 -0.80 0.00	18.53 -0.73 0.00	17.67 -0.67 0.00	17.61 -0.74 0.00	19.19 -0.81 0.00	20.25 -1.15 0.00	28.48 -1.58 0.00	32.28 -1.59 0.00	33.23 -1.07 0.00	32.88 -0.87 0.00	35.33 -0.79 0.00	33.89 -0.93 0.00	33.42 -1.04 0.00	22.35 -0.65 0.00	23.87 -0.52 0.00	30.69 -0.81 0.00	29.97 -0.81 0.00	21.50 -0.59 0.00	21.29 -0.64 0.00	21.22 -0.54 0.00	20.91 -0.51 0.00	21.72 -0.30 0.00
STA_7___115KV_9TRANS 80674	18.28 -0.64 0.00	17.16 -0.59 0.00	18.52 -0.70 0.00	18.63 -0.63 0.00	17.76 -0.57 0.00	17.70 -0.65 0.00	19.29 -0.69 0.00	20.37 -1.03 0.00	28.66 -1.40 0.00	32.49 -1.37 0.00	33.47 -0.84 0.00	33.12 -0.63 0.00	35.58 -0.54 0.00	34.14 -0.69 0.00	33.67 -0.79 0.00	22.53 -0.47 0.00	24.06 -0.33 0.00	30.94 -0.56 0.00	30.23 -0.55 0.00	21.67 -0.42 0.00	21.45 -0.48 0.00	21.38 -0.39 0.00	21.06 -0.36 0.00	21.86 -0.15 0.00
STA_82___115KV_TB1 80780	18.18 -0.74 0.00	17.07 -0.67 0.00	18.43 -0.80 0.00	18.54 -0.72 0.00	17.67 -0.66 0.00	17.61 -0.74 0.00	19.19 -0.80 0.00	20.26 -1.14 0.00	28.49 -1.57 0.00	32.29 -1.57 0.00	33.25 -1.05 0.00	32.90 -0.85 0.00	35.35 -0.77 0.00	33.90 -0.92 0.00	33.44 -1.02 0.00	22.36 -0.63 0.00	23.89 -0.50 0.00	30.70 -0.80 0.00	29.99 -0.79 0.00	21.51 -0.58 0.00	21.30 -0.63 0.00	21.24 -0.53 0.00	20.92 -0.49 0.00	21.74 -0.28 0.00
STEEL___WIND 323596	18.04 -0.87 0.00	16.92 -0.83 0.00	18.26 -0.97 0.00	18.40 -0.86 0.00	17.55 -0.79 0.00	17.43 -0.92 0.00	19.03 -0.96 0.00	19.92 -1.48 0.00	27.99 -2.07 0.00	31.77 -2.10 0.00	32.99 -1.31 0.00	32.71 -1.04 0.00	35.24 -0.89 0.00	33.67 -1.15 0.00	23.06 -1.29 10.10	21.06 -0.78 1.15	22.05 -0.62 1.73	25.99 -1.08 4.43	29.20 -1.06 0.51	21.37 -0.72 0.00	21.13 -0.79 0.00	21.15 -0.61 0.00	20.92 -0.50 0.00	21.90 -0.12 0.00
STEPHTWN_115KV_BK_2 55603	19.55 0.64 0.00	18.36 0.61 0.00	19.85 0.63 0.00	19.85 0.59 0.00	18.91 0.57 0.00	18.93 0.58 0.00	20.59 0.60 0.00	22.03 0.63 0.00	30.78 0.72 0.00	34.75 0.88 0.00	35.08 0.78 0.00	34.57 0.82 0.00	37.02 0.90 0.00	35.71 0.88 0.00	35.22 0.76 0.00	23.74 0.74 0.00	25.37 0.98 0.00	32.79 1.29 0.00	31.97 1.19 0.00	22.92 0.83 0.00	22.80 0.87 0.00	22.61 0.85 0.00	22.07 0.65 0.00	22.52 0.50 0.00
STEUBEN_REC_LFGE 323667	18.83 -0.09 0.00	17.87 0.12 0.00	19.31 0.08 0.00	19.32 0.06 0.00	18.49 0.15 0.00	18.38 0.03 0.00	20.07 0.08 0.00	21.41 0.02 0.00	30.08 0.02 0.00	34.00 0.13 0.00	35.03 0.73 0.00	34.60 0.85 0.00	37.14 1.02 0.00	35.44 0.62 0.00	35.06 0.61 0.00	23.60 0.60 0.00	25.36 0.97 0.00	32.85 1.35 0.00	32.10 1.33 0.00	23.08 0.99 0.00	22.79 0.87 0.00	22.78 1.02 0.00	22.32 0.90 0.00	22.92 0.91 0.00
STILLWATER___SOLAR 323814	19.69 0.78 0.00	18.49 0.74 0.00	20.01 0.78 0.00	20.00 0.74 0.00	19.06 0.73 0.00	19.06 0.71 0.00	20.73 0.74 0.00	22.17 0.78 0.00	31.01 0.95 0.00	34.97 1.10 0.00	35.29 0.98 0.00	34.77 1.02 0.00	37.28 1.16 0.00	36.08 1.25 0.00	35.79 1.33 0.00	24.11 1.11 0.00	25.78 1.38 0.00	33.32 1.82 0.00	32.54 1.76 0.00	23.30 1.21 0.00	23.13 1.20 0.00	22.95 1.18 0.00	22.38 0.96 0.00	22.87 0.85 0.00
STONY___BROOK 24151	20.32 1.41 0.00	19.13 1.38 0.00	20.59 1.37 0.00	20.56 1.30 0.00	19.52 1.19 0.00	19.56 1.21 0.00	21.14 1.15 0.00	22.54 1.15 0.00	31.62 1.56 0.00	35.64 1.78 0.00	36.38 2.08 0.00	35.86 2.11 0.00	38.36 2.24 0.00	37.06 2.23 0.00	37.51 2.43 -0.63	24.91 1.91 0.00	26.74 2.35 0.00	34.47 2.96 0.00	33.30 2.52 0.00	23.79 1.70 0.00	23.60 1.67 0.00	23.45 1.68 0.00	22.88 1.47 0.00	23.39 1.37 0.00
STURGEON_POOL_HYD 23609	19.82 0.90 0.00	18.59 0.84 0.00	20.08 0.86 0.00	20.07 0.81 0.00	19.10 0.77 0.00	19.08 0.73 0.00	20.73 0.74 0.00	22.13 0.74 0.00	31.00 0.94 0.00	35.03 1.16 0.00	35.49 1.19 0.00	34.91 1.16 0.00	37.46 1.34 0.00	36.20 1.38 0.00	35.87 1.41 0.00	24.15 1.15 0.00	25.83 1.43 0.00	33.38 1.88 0.00	32.58 1.81 0.00	23.41 1.32 0.00	23.21 1.28 0.00	23.03 1.27 0.00	22.50 1.09 0.00	22.98 0.96 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.72 0.81 0.00	18.49 0.74 0.00	19.97 0.75 0.00	19.97 0.71 0.00	19.01 0.67 0.00	18.99 0.64 0.00	20.64 0.64 0.00	22.04 0.64 0.00	30.87 0.81 0.00	34.88 1.01 0.00	35.35 1.04 0.00	34.78 1.02 0.00	37.29 1.17 0.00	36.03 1.21 0.00	35.64 1.19 0.00	24.00 1.00 0.00	25.62 1.23 0.00	33.11 1.61 0.00	32.32 1.54 0.00	23.20 1.11 0.00	23.02 1.09 0.00	22.86 1.09 0.00	22.35 0.93 0.00	22.84 0.83 0.00
SWANROAD_115KV_TB1 355699	17.38 -1.54 0.00	16.33 -1.42 0.00	17.61 -1.61 0.00	17.77 -1.49 0.00	16.97 -1.36 0.00	16.82 -1.53 0.00	18.31 -1.68 0.00	19.09 -2.31 0.00	26.88 -3.18 0.00	30.54 -3.32 0.00	31.74 -2.57 0.00	31.48 -2.27 0.00	33.85 -2.27 0.00	32.32 -2.50 0.00	31.83 -2.62 0.00	21.35 -1.65 0.00	22.84 -1.56 0.00	29.21 -2.30 0.00	28.56 -2.21 0.00	20.53 -1.56 0.00	20.31 -1.61 0.00	20.32 -1.45 0.00	20.13 -1.29 0.00	21.18 -0.84 0.00
SYNERGY___BIOGAS 323694	18.18 -0.74 0.00	17.07 -0.68 0.00	18.41 -0.82 0.00	18.54 -0.72 0.00	17.71 -0.63 0.00	17.58 -0.76 0.00	19.21 -0.78 0.00	20.15 -1.25 0.00	28.38 -1.69 0.00	32.25 -1.61 0.00	33.37 -0.94 0.00	33.07 -0.69 0.00	35.55 -0.57 0.00	34.04 -0.78 0.00	26.67 -0.93 6.85	21.66 -0.56 0.78	22.87 -0.35 1.17	27.90 -0.60 3.01	29.85 -0.58 0.35	21.65 -0.44 0.00	21.40 -0.53 0.00	21.37 -0.40 0.00	21.09 -0.32 0.00	22.07 0.05 0.00
SYRACUSE___ENERGY_ST1 323597	18.75 -0.17 0.00	17.58 -0.17 0.00	19.03 -0.19 0.00	19.08 -0.18 0.00	18.17 -0.16 0.00	18.15 -0.19 0.00	19.76 -0.23 0.00	21.07 -0.32 0.00	29.59 -0.47 0.00	33.39 -0.48 0.00	34.01 -0.29 0.00	33.55 -0.20 0.00	35.97 -0.15 0.00	34.64 -0.19 0.00	34.22 -0.23 0.00	22.88 -0.12 0.00	24.36 -0.04 0.00	31.45 -0.05 0.00	30.70 -0.08 0.00	22.03 -0.07 0.00	21.83 -0.09 0.00	21.69 -0.08 0.00	21.27 -0.15 0.00	21.87 -0.15 0.00

SYRACUSE___ENERGY_ST2 323598	18.75 -0.17 0.00	17.58 -0.17 0.00	19.03 -0.19 0.00	19.08 -0.18 0.00	18.17 -0.16 0.00	18.15 -0.19 0.00	19.76 -0.23 0.00	21.07 -0.32 0.00	29.59 -0.47 0.00	33.39 -0.48 0.00	34.01 -0.29 0.00	33.55 -0.20 0.00	35.97 -0.15 0.00	34.64 -0.19 0.00	34.22 -0.23 0.00	22.88 -0.12 0.00	24.36 -0.04 0.00	31.45 -0.05 0.00	30.70 -0.08 0.00	22.03 -0.07 0.00	21.83 -0.09 0.00	21.69 -0.08 0.00	21.27 -0.15 0.00	21.87 -0.15 0.00
SYRACUSE___POWER 24017	18.75 -0.17 0.00	17.58 -0.18 0.00	19.03 -0.20 0.00	19.07 -0.19 0.00	18.16 -0.17 0.00	18.15 -0.20 0.00	19.76 -0.23 0.00	21.06 -0.33 0.00	29.58 -0.48 0.00	33.39 -0.48 0.00	34.03 -0.28 0.00	33.54 -0.21 0.00	35.96 -0.16 0.00	34.64 -0.19 0.00	34.23 -0.23 0.00	22.89 -0.11 0.00	24.37 -0.02 0.00	31.47 -0.03 0.00	30.72 -0.06 0.00	22.03 -0.06 0.00	21.83 -0.09 0.00	21.70 -0.07 0.00	21.29 -0.13 0.00	21.87 -0.15 0.00
TALLMAN__138KV_BK151 55660	19.86 0.95 0.00	18.62 0.87 0.00	20.10 0.88 0.00	20.09 0.83 0.00	19.12 0.78 0.00	19.09 0.75 0.00	20.75 0.76 0.00	22.16 0.76 0.00	31.03 0.97 0.00	35.08 1.21 0.00	35.55 1.24 0.00	34.98 1.22 0.00	37.51 1.39 0.00	36.24 1.42 0.00	35.87 1.41 0.00	24.17 1.17 0.00	25.80 1.41 0.00	33.33 1.83 0.00	32.53 1.76 0.00	23.36 1.27 0.00	23.18 1.25 0.00	23.02 1.25 0.00	22.49 1.08 0.00	22.99 0.97 0.00
TEALLAVE_115KV_TB7 355573	18.63 -0.28 0.00	17.47 -0.28 0.00	18.91 -0.31 0.00	18.96 -0.30 0.00	18.05 -0.28 0.00	18.04 -0.31 0.00	19.63 -0.36 0.00	20.92 -0.47 0.00	29.37 -0.69 0.00	33.16 -0.71 0.00	33.79 -0.51 0.00	33.32 -0.43 0.00	35.72 -0.40 0.00	34.40 -0.42 0.00	34.00 -0.46 0.00	22.72 -0.28 0.00	24.19 -0.21 0.00	31.22 -0.28 0.00	30.48 -0.30 0.00	21.87 -0.22 0.00	21.67 -0.25 0.00	21.53 -0.24 0.00	21.13 -0.28 0.00	21.72 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	17.87 -1.04 0.00	16.79 -0.96 0.00	18.11 -1.11 0.00	18.26 -1.01 0.00	17.42 -0.91 0.00	17.30 -1.04 0.00	18.86 -1.13 0.00	19.73 -1.67 0.00	27.80 -2.27 0.00	31.58 -2.29 0.00	32.76 -1.55 0.00	32.47 -1.29 0.00	34.91 -1.20 0.00	33.39 -1.44 0.00	32.88 -1.58 0.00	22.03 -0.97 0.00	23.58 -0.81 0.00	30.23 -1.28 0.00	29.53 -1.25 0.00	21.19 -0.89 0.00	20.97 -0.96 0.00	20.95 -0.81 0.00	20.71 -0.70 0.00	21.73 -0.29 0.00
TEMPLE___115KV_TB 2 55572	18.65 -0.27 0.00	17.48 -0.27 0.00	18.92 -0.30 0.00	18.97 -0.29 0.00	18.07 -0.27 0.00	18.04 -0.30 0.00	19.64 -0.35 0.00	20.93 -0.47 0.00	29.39 -0.68 0.00	33.18 -0.69 0.00	33.81 -0.50 0.00	33.34 -0.42 0.00	35.75 -0.37 0.00	34.42 -0.40 0.00	34.02 -0.44 0.00	22.74 -0.26 0.00	24.21 -0.19 0.00	31.24 -0.26 0.00	30.49 -0.29 0.00	21.88 0.00 0.00	21.69 -0.24 0.00	21.55 -0.22 0.00	21.15 -0.27 0.00	21.74 -0.28 0.00
TIANA____69_KV_BK 1 55817	20.47 1.55 0.00	19.28 1.53 0.00	20.74 1.51 0.00	20.71 1.45 0.00	19.68 1.35 0.00	19.75 1.40 0.00	21.35 1.37 0.00	22.74 1.35 0.00	31.92 1.86 0.00	35.86 2.00 0.00	36.67 2.36 0.00	36.08 2.33 0.00	38.55 2.43 0.00	37.29 2.47 0.00	37.76 2.67 -0.63	25.04 2.04 0.00	26.93 2.54 0.00	34.78 3.28 0.00	33.47 2.70 0.00	23.90 1.81 0.00	23.68 1.75 0.00	23.51 1.75 0.00	22.94 1.52 0.00	23.48 1.46 0.00
TILDEN___115KV_TB1 80814	18.75 -0.17 0.00	17.58 -0.18 0.00	19.03 -0.20 0.00	19.07 -0.19 0.00	18.16 -0.17 0.00	18.15 -0.20 0.00	19.76 -0.23 0.00	21.06 -0.33 0.00	29.58 -0.48 0.00	33.39 -0.48 0.00	34.03 -0.28 0.00	33.54 -0.21 0.00	35.96 -0.16 0.00	34.64 -0.19 0.00	34.23 -0.23 0.00	22.89 -0.11 0.00	24.37 -0.02 0.00	31.47 -0.03 0.00	30.72 -0.06 0.00	22.03 -0.06 0.00	21.83 -0.09 0.00	21.70 -0.07 0.00	21.29 -0.13 0.00	21.87 -0.15 0.00
TRIGEN___CC 323695	20.15 1.23 0.00	18.93 1.18 0.00	20.39 1.17 0.00	20.36 1.11 0.00	19.36 1.02 0.00	19.37 1.02 0.00	20.96 0.97 0.00	22.34 0.95 0.00	31.33 1.27 0.00	35.42 1.56 0.00	36.05 1.75 0.00	35.50 1.75 0.00	38.02 1.90 0.00	36.73 1.91 0.00	37.07 1.98 -0.63	24.63 1.63 0.00	26.35 1.95 0.00	33.93 2.43 0.00	32.93 2.15 0.00	23.61 1.52 0.00	23.44 1.51 0.00	23.28 1.52 0.00	22.76 1.34 0.00	23.25 1.23 0.00
TRINITY__115KV__ 4 BK 55933	19.38 0.47 0.00	18.21 0.47 0.00	19.70 0.48 0.00	19.70 0.44 0.00	18.76 0.43 0.00	18.76 0.41 0.00	20.36 0.36 0.00	21.78 0.38 0.00	30.43 0.37 0.00	34.33 0.47 0.00	34.67 0.36 0.00	34.12 0.37 0.00	36.54 0.42 0.00	35.26 0.44 0.00	34.84 0.38 0.00	23.44 0.44 0.00	25.03 0.63 0.00	32.35 0.85 0.00	31.58 0.80 0.00	22.64 0.55 0.00	22.51 0.59 0.00	22.32 0.55 0.00	21.79 0.38 0.00	22.28 0.26 0.00
UNION___PROCESSING_DRP 323587	18.18 -0.74 0.00	17.08 -0.67 0.00	18.43 -0.79 0.00	18.54 -0.72 0.00	17.68 -0.66 0.00	17.62 -0.73 0.00	19.20 -0.79 0.00	20.26 -1.13 0.00	28.50 -1.56 0.00	32.31 -1.56 0.00	33.26 -1.05 0.00	32.91 -0.84 0.00	35.36 -0.76 0.00	33.92 -0.90 0.00	33.45 -1.01 0.00	22.37 -0.63 0.00	23.89 -0.50 0.00	30.72 -0.78 0.00	30.00 -0.77 0.00	21.52 -0.57 0.00	21.31 -0.62 0.00	21.25 -0.52 0.00	20.93 -0.49 0.00	21.74 -0.27 0.00
UPPER HUDSON___HYD 24058	19.60 0.69 0.00	18.41 0.66 0.00	19.92 0.69 0.00	19.91 0.65 0.00	18.99 0.65 0.00	18.99 0.64 0.00	20.68 0.69 0.00	22.13 0.74 0.00	30.98 0.91 0.00	34.97 1.10 0.00	35.31 1.00 0.00	34.84 1.08 0.00	37.35 1.23 0.00	36.17 1.34 0.00	35.96 1.51 0.00	24.25 1.25 0.00	25.94 1.54 0.00	33.48 1.98 0.00	32.77 2.00 0.00	23.41 1.32 0.00	23.16 1.24 0.00	23.02 1.26 0.00	22.39 0.97 0.00	22.85 0.83 0.00
UPPER RAQUET___HYD 24056	18.42 -0.50 0.00	17.27 -0.48 0.00	18.78 -0.45 0.00	18.85 -0.41 0.00	17.85 -0.49 0.00	17.77 -0.58 0.00	19.49 -0.50 0.00	21.20 -0.20 0.00	29.98 -0.08 0.00	33.66 -0.21 0.00	34.03 -0.27 0.00	33.42 -0.34 0.00	35.67 -0.45 0.00	34.35 -0.48 0.00	34.03 -0.43 0.00	22.60 -0.40 0.00	23.61 -0.79 0.00	30.58 -0.92 0.00	29.93 -0.85 0.00	21.45 -0.64 0.00	21.28 -0.65 0.00	21.11 -0.66 0.00	21.02 -0.40 0.00	21.82 -0.20 0.00
VALLEY44_115KV_TB2 355964	18.69 -0.23 0.00	17.52 -0.22 0.00	18.96 -0.27 0.00	19.05 -0.21 0.00	18.15 -0.18 0.00	18.09 -0.25 0.00	19.73 -0.26 0.00	20.69 -0.70 0.00	28.78 -1.28 0.00	32.50 -1.37 0.00	33.57 -0.74 0.00	33.44 -0.31 0.00	36.32 0.20 0.00	34.88 0.05 0.00	34.36 -0.09 0.00	23.05 0.06 0.00	24.52 0.13 0.00	31.22 -0.28 0.00	30.31 -0.47 0.00	21.78 -0.31 0.00	21.58 -0.35 0.00	21.79 0.03 0.00	21.59 0.18 0.00	22.53 0.51 0.00
VALLEY___115KV_TB 1-4 80826	18.96 0.04 0.00	17.80 0.05 0.00	19.21 -0.02 0.00	19.21 -0.06 0.00	18.32 -0.02 0.00	18.30 -0.05 0.00	19.87 -0.12 0.00	21.26 -0.13 0.00	29.78 -0.28 0.00	33.65 -0.21 0.00	34.09 -0.22 0.00	33.51 -0.24 0.00	36.01 -0.11 0.00	34.87 0.04 0.00	34.49 0.04 0.00	23.20 0.20 0.00	24.76 0.37 0.00	32.06 0.56 0.00	31.32 0.54 0.00	22.43 0.34 0.00	22.27 0.34 0.00	22.09 0.32 0.00	21.54 0.13 0.00	22.06 0.04 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.70 0.78 0.00	18.46 0.71 0.00	19.99 0.77 0.00	20.01 0.75 0.00	19.06 0.73 0.00	19.04 0.69 0.00	20.74 0.75 0.00	22.19 0.80 0.00	31.19 1.13 0.00	35.25 1.38 0.00	35.79 1.48 0.00	35.23 1.48 0.00	37.77 1.65 0.00	36.37 1.55 0.00	35.97 1.52 0.00	24.12 1.12 0.00	25.71 1.32 0.00	33.21 1.71 0.00	32.43 1.65 0.00	23.26 1.17 0.00	23.05 1.13 0.00	22.91 1.14 0.00	22.44 1.03 0.00	23.02 1.00 0.00
VISCHER___FERRY HYD 24020	19.55 0.63 0.00	18.37 0.62 0.00	19.87 0.64 0.00	19.87 0.60 0.00	18.93 0.59 0.00	18.92 0.57 0.00	20.54 0.54 0.00	21.96 0.56 0.00	30.67 0.61 0.00	34.59 0.73 0.00	34.89 0.58 0.00	34.34 0.59 0.00	36.80 0.68 0.00	35.65 0.82 0.00	35.33 0.88 0.00	23.79 0.79 0.00	25.41 1.02 0.00	32.85 1.35 0.00	32.09 1.31 0.00	23.00 0.91 0.00	22.88 0.95 0.00	22.68 0.91 0.00	22.12 0.71 0.00	22.61 0.59 0.00
V_A_10_SYNC_DSASP 323832	17.75 -1.17 0.00	16.69 -1.06 0.00	17.99 -1.23 0.00	18.13 -1.13 0.00	17.30 -1.04 0.00	17.19 -1.16 0.00	18.74 -1.26 0.00	19.65 -1.74 0.00	27.61 -2.45 0.00	31.32 -2.55 0.00	32.38 -1.92 0.00	32.11 -1.65 0.00	34.53 -1.60 0.00	33.06 -1.76 0.00	25.61 -1.89 6.95	21.01 -1.20 0.79	22.11 -1.09 1.19	26.79 -1.66 3.05	28.78 -1.65 0.35	20.94 -1.15 0.00	20.74 -1.19 0.00	20.74 -1.03 0.00	20.49 -0.92 0.00	21.42 -0.60 0.00
V_CMM_10_SYNC_DSASP 323787	18.72 -0.19 0.00	17.56 -0.19 0.00	19.06 -0.17 0.00	19.12 -0.14 0.00	18.18 -0.15 0.00	18.21 -0.13 0.00	19.95 -0.04 0.00	21.50 0.10 0.00	30.35 0.29 0.00	34.12 0.26 0.00	34.40 0.09 0.00	33.75 0.00 0.00	36.05 -0.07 0.00	34.69 -0.13 0.00	34.33 -0.13 0.00	22.80 -0.20 0.00	23.99 -0.41 0.00	30.96 -0.54 0.00	30.30 -0.48 0.00	21.75 -0.34 0.00	21.60 -0.33 0.00	21.43 -0.34 0.00	21.25 -0.17 0.00	21.98 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	18.81 -0.11 0.00	17.61 -0.14 0.00	19.14 -0.09 0.00	19.26 0.00 0.00	18.31 -0.02 0.00	18.18 -0.17 0.00	20.05 0.05 0.00	21.61 0.21 0.00	30.50 0.44 0.00	34.19 0.32 0.00	34.54 0.24 0.00	33.97 0.22 0.00	36.41 0.29 0.00	35.16 0.34 0.00	34.85 0.39 0.00	23.18 0.18 0.00	24.45 0.06 0.00	31.76 0.25 0.00	31.13 0.35 0.00	22.27 0.18 0.00	22.08 0.16 0.00	21.97 0.21 0.00	21.71 0.29 0.00	22.46 0.44 0.00
V_D_10_SYNC_DSASP 323841	18.79 -0.13 0.00	17.62 -0.12 0.00	19.13 -0.09 0.00	19.20 -0.06 0.00	18.24 -0.09 0.00	18.26 -0.08 0.00	20.01 0.02 0.00	21.64 0.25 0.00	30.56 0.49 0.00	34.34 0.48 0.00	34.56 0.25 0.00	33.91 0.15 0.00	36.22 0.11 0.00	34.85 0.02 0.00	34.49 0.03 0.00	22.91 -0.09 0.00	24.08 -0.31 0.00	31.10 -0.41 0.00	30.43 -0.35 0.00	21.85 -0.24 0.00	21.69 -0.24 0.00	21.52 -0.25 0.00	21.34 -0.07 0.00	22.10 0.08 0.00
V_E_10_SYNC_DSASP 323830	20.06 1.14 0.00	18.69 0.95 0.00	20.19 0.96 0.00	20.41 1.15 0.00	19.46 1.13 0.00	19.35 1.01 0.00	21.20 1.21 0.00	22.73 1.34 0.00	32.16 2.10 0.00	36.63 2.77 0.00	37.34 3.04 0.00	36.57 2.82 0.00	39.23 3.11 0.00	37.75 2.92 0.00	39.62 2.89 -2.28	25.33 2.07 -0.26	27.39 2.61 -0.39	36.12 3.61 -1.00	34.27 3.38 -0.12	24.39 2.30 0.00	24.11 2.18 0.00	24.00 2.24 0.00	23.47 2.06 0.00	24.10 2.08 0.00
V_F_30_NSYNC___DSASP 323816	19.72 0.80 0.00	18.50 0.75 0.00	20.03 0.80 0.00	20.02 0.76 0.00	19.08 0.75 0.00	19.08 0.74 0.00	20.76 0.77 0.00	22.20 0.80 0.00	31.05 0.99 0.00	35.04 1.18 0.00	35.38 1.08 0.00	34.86 1.10 0.00	37.37 1.25 0.00	36.15 1.33 0.00	35.85 1.40 0.00	24.16 1.16 0.00	25.81 1.42 0.00	33.36 1.86 0.00	32.57 1.79 0.00	23.32 1.23 0.00	23.15 1.23 0.00	22.98 1.21 0.00	22.40 0.99 0.00	22.91 0.89 0.00
V_F_30_SYNC_DSASP 323786	19.44 0.52 0.00	18.26 0.51 0.00	19.75 0.53 0.00	19.75 0.48 0.00	18.81 0.48 0.00	18.80 0.46 0.00	20.42 0.42 0.00	21.84 0.44 0.00	30.54 0.47 0.00	34.45 0.58 0.00	34.80 0.50 0.00	34.26 0.51 0.00	36.70 0.58 0.00	35.40 0.58 0.00	34.98 0.52 0.00	23.54 0.54 0.00	25.13 0.73 0.00	32.48 0.97 0.00	31.69 0.92 0.00	22.72 0.63 0.00	22.58 0.66 0.00	22.39 0.62 0.00	21.87 0.46 0.00	22.35 0.33 0.00
V_XM_10_SYNC_DSASP 323789	18.81 -0.11 0.00	17.61 -0.14 0.00	19.14 -0.09 0.00	19.26 0.00 0.00	18.31 -0.02 0.00	18.18 -0.17 0.00	20.05 0.05 0.00	21.61 0.21 0.00	30.50 0.44 0.00	34.19 0.32 0.00	34.54 0.24 0.00	33.97 0.22 0.00	36.41 0.29 0.00	35.16 0.34 0.00	34.85 0.39 0.00	23.18 0.18 0.00	24.45 0.06 0.00	31.76 0.25 0.00	31.13 0.35 0.00	22.27 0.18 0.00	22.08 0.16 0.00	21.97 0.21 0.00	21.71 0.29 0.00	22.46 0.44 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.01 1.09 0.00	18.77 1.02 0.00	20.25 1.03 0.00	20.24 0.98 0.00	19.26 0.92 0.00	19.24 0.89 0.00	20.90 0.92 0.00	22.32 0.93 0.00	31.27 1.21 0.00	35.34 1.48 0.00	35.82 1.51 0.00	35.25 1.50 0.00	37.78 1.66 0.00	36.51 1.69 0.00	36.16 1.70 0.00	24.38 1.38 0.00	26.04 1.65 0.00	33.64 2.14 0.00	32.84 2.06 0.00	23.59 1.50 0.00	23.39 1.47 0.00	23.23 1.46 0.00	22.68 1.27 0.00	23.16 1.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.01 1.09 0.00	18.78 1.03 0.00	20.23 1.01 0.00	20.20 0.94 0.00	19.22 0.89 0.00	19.20 0.86 0.00	20.86 0.87 0.00	22.26 0.86 0.00	31.19 1.13 0.00	35.30 1.43 0.00	35.74 1.44 0.00	35.10 1.35 0.00	37.61 1.49 0.00	36.34 1.52 0.00	36.04 1.59 0.00	24.37 1.37 0.00	26.02 1.63 0.00	33.50 2.00 0.00	32.74 1.97 0.00	23.57 1.48 0.00	23.37 1.45 0.00	23.18 1.42 0.00	22.64 1.23 0.00	23.07 1.05 0.00
W50THST__13_KV_LOAD 356117	20.14 1.22 0.00	18.89 1.14 0.00	20.36 1.13 0.00	20.33 1.07 0.00	19.35 1.01 0.00	19.33 0.99 0.00	21.00 1.01 0.00	22.40 1.00 0.00	31.39 1.34 0.00	35.54 1.68 0.00	36.01 1.70 0.00	35.37 1.62 0.00	37.89 1.77 0.00	36.62 1.79 0.00	36.32 1.86 0.00	24.55 1.55 0.00	26.21 1.82 0.00	33.75 2.25 0.00	33.00 2.23 0.00	23.76 1.67 0.00	23.56 1.63 0.00	23.37 1.60 0.00	22.81 1.40 0.00	23.24 1.22 0.00
WADING RIVER_IC_1 23522	20.39 1.48 0.00	19.21 1.47 0.00	20.68 1.45 0.00	20.64 1.38 0.00	19.61 1.28 0.00	19.67 1.32 0.00	21.24 1.26 0.00	22.63 1.24 0.00	31.76 1.70 0.00	35.61 1.75 0.00	36.44 2.14 0.00	35.86 2.10 0.00	38.27 2.15 0.00	37.01 2.19 0.00	37.46 2.38 -0.63	24.83 1.83 0.00	26.72 2.33 0.00	34.53 3.03 0.00	33.17 2.40 0.00	23.68 1.59 0.00	23.44 1.52 0.00	23.30 1.53 0.00	22.72 1.31 0.00	23.28 1.25 0.00
WADING RIVER_IC_2 23547	20.39 1.48 0.00	19.21 1.47 0.00	20.68 1.45 0.00	20.64 1.38 0.00	19.61 1.28 0.00	19.67 1.32 0.00	21.24 1.26 0.00	22.63 1.24 0.00	31.76 1.70 0.00	35.61 1.75 0.00	36.44 2.14 0.00	35.86 2.10 0.00	38.27 2.15 0.00	37.01 2.19 0.00	37.46 2.38 -0.63	24.83 1.83 0.00	26.72 2.33 0.00	34.53 3.03 0.00	33.17 2.40 0.00	23.68 1.59 0.00	23.44 1.52 0.00	23.30 1.53 0.00	22.72 1.31 0.00	23.28 1.25 0.00

WADING RIVER_IC_3 23601	20.39 1.48 0.00	19.21 1.47 0.00	20.68 1.45 0.00	20.64 1.38 0.00	19.61 1.28 0.00	19.67 1.32 0.00	21.24 1.26 0.00	22.63 1.24 0.00	31.76 1.70 0.00	35.61 1.75 0.00	36.44 2.14 0.00	35.86 2.10 0.00	38.27 2.15 0.00	37.01 2.19 0.00	37.46 2.38 -0.63	24.83 1.83 0.00	26.72 2.33 0.00	34.53 3.03 0.00	33.17 2.40 0.00	23.68 1.59 0.00	23.44 1.52 0.00	23.30 1.53 0.00	22.72 1.31 0.00	23.28 1.25 0.00
WALDENNY_I2_KV_BK2 80841	18.02 -0.89 0.00	16.91 -0.85 0.00	18.24 -0.98 0.00	18.38 -0.88 0.00	17.53 -0.80 0.00	17.43 -0.92 0.00	19.00 -0.99 0.00	19.87 -1.52 0.00	27.96 -2.10 0.00	31.74 -2.13 0.00	32.97 -1.34 0.00	32.71 -1.05 0.00	35.22 -0.90 0.00	33.64 -1.18 0.00	33.13 -1.32 0.00	22.20 -0.80 0.00	23.77 -0.63 0.00	30.41 -1.09 0.00	29.71 -1.06 0.00	21.35 -0.73 0.00	21.12 -0.81 0.00	21.13 -0.63 0.00	20.89 -0.52 0.00	21.90 -0.12 0.00
WALDEN___HYDRO 24148	19.90 0.98 0.00	18.65 0.90 0.00	20.15 0.93 0.00	20.14 0.87 0.00	19.17 0.83 0.00	19.15 0.81 0.00	20.82 0.83 0.00	22.25 0.85 0.00	31.17 1.11 0.00	35.19 1.32 0.00	35.65 1.35 0.00	35.08 1.33 0.00	37.63 1.51 0.00	36.31 1.49 0.00	35.94 1.49 0.00	24.19 1.20 0.00	25.91 1.51 0.00	33.53 2.03 0.00	32.74 1.97 0.00	23.50 1.41 0.00	23.30 1.37 0.00	23.12 1.36 0.00	22.59 1.18 0.00	23.09 1.07 0.00
WARRENSBURG____ 23737	19.60 0.69 0.00	18.41 0.66 0.00	19.92 0.69 0.00	19.91 0.65 0.00	18.99 0.65 0.00	18.99 0.64 0.00	20.68 0.69 0.00	22.13 0.74 0.00	30.98 0.91 0.00	34.97 1.10 0.00	35.31 1.00 0.00	34.84 1.08 0.00	37.35 1.23 0.00	36.17 1.34 0.00	35.96 1.51 0.00	24.25 1.25 0.00	25.94 1.54 0.00	33.48 1.98 0.00	32.77 2.00 0.00	23.41 1.32 0.00	23.16 1.24 0.00	23.02 1.26 0.00	22.39 0.97 0.00	22.85 0.83 0.00
WATERSIDE___6 8 9 23538	20.04 1.13 0.00	18.81 1.06 0.00	20.31 1.09 0.00	20.27 1.01 0.00	19.26 0.92 0.00	19.24 0.90 0.00	20.89 0.90 0.00	22.27 0.88 0.00	31.24 1.18 0.00	35.36 1.49 0.00	35.80 1.50 0.00	35.17 1.42 0.00	37.69 1.57 0.00	36.43 1.61 0.00	36.15 1.69 0.00	24.43 1.43 0.00	26.09 1.70 0.00	33.60 2.10 0.00	32.82 2.04 0.00	23.62 1.53 0.00	23.41 1.49 0.00	23.22 1.45 0.00	22.66 1.25 0.00	23.10 1.08 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.05 0.14 0.00	17.88 0.13 0.00	19.34 0.11 0.00	19.34 0.08 0.00	18.42 0.09 0.00	18.41 0.07 0.00	20.01 0.02 0.00	21.42 0.02 0.00	30.02 -0.04 0.00	33.88 0.02 0.00	34.31 0.01 0.00	33.75 0.00 0.00	36.19 0.07 0.00	34.98 0.15 0.00	34.62 0.17 0.00	23.24 0.24 0.00	24.79 0.40 0.00	32.08 0.58 0.00	31.31 0.54 0.00	22.44 0.35 0.00	22.28 0.35 0.00	22.10 0.34 0.00	21.61 0.20 0.00	22.12 0.10 0.00
WATSON___69_KV_BK 1 55734	20.47 1.55 0.00	19.27 1.52 0.00	20.74 1.52 0.00	20.70 1.44 0.00	19.67 1.34 0.00	19.70 1.35 0.00	21.30 1.31 0.00	22.69 1.30 0.00	31.84 1.78 0.00	35.92 2.06 0.00	36.64 2.34 0.00	36.13 2.37 0.00	38.64 2.52 0.00	37.33 2.51 0.00	37.78 2.69 -0.63	25.09 2.09 0.00	26.92 2.53 0.00	34.71 3.21 0.00	33.55 2.78 0.00	24.00 1.91 0.00	23.81 1.89 0.00	23.65 1.89 0.00	23.09 1.68 0.00	23.61 1.59 0.00
WDELAWARE___HYD 323627	19.50 0.58 0.00	18.26 0.51 0.00	19.74 0.52 0.00	19.73 0.47 0.00	18.78 0.45 0.00	18.78 0.43 0.00	20.44 0.45 0.00	21.88 0.48 0.00	30.64 0.58 0.00	34.60 0.73 0.00	35.04 0.73 0.00	34.46 0.70 0.00	37.00 0.88 0.00	35.65 0.83 0.00	35.25 0.79 0.00	23.68 0.68 0.00	25.43 1.03 0.00	33.01 1.51 0.00	32.22 1.44 0.00	23.10 1.01 0.00	22.89 0.96 0.00	22.70 0.94 0.00	22.19 0.78 0.00	22.67 0.65 0.00
WEST BABYLON___IC 23714	20.41 1.49 0.00	19.20 1.45 0.00	20.68 1.46 0.00	20.64 1.38 0.00	19.61 1.28 0.00	19.63 1.29 0.00	21.23 1.24 0.00	22.63 1.24 0.00	31.75 1.69 0.00	35.84 1.98 0.00	36.54 2.24 0.00	36.03 2.28 0.00	38.56 2.44 0.00	37.24 2.42 0.00	37.66 2.57 -0.63	25.02 2.02 0.00	26.82 2.42 0.00	34.58 3.07 0.00	33.46 2.69 0.00	23.94 1.85 0.00	23.77 1.84 0.00	23.60 1.84 0.00	23.05 1.64 0.00	23.56 1.54 0.00
WEST CANADA___HYD 24049	19.03 0.12 0.00	17.86 0.11 0.00	19.34 0.12 0.00	19.36 0.11 0.00	18.44 0.10 0.00	18.43 0.09 0.00	20.05 0.06 0.00	21.45 0.05 0.00	30.09 0.03 0.00	33.92 0.05 0.00	34.36 0.06 0.00	33.82 0.07 0.00	36.20 0.08 0.00	34.93 0.10 0.00	34.57 0.11 0.00	23.13 0.13 0.00	24.60 0.21 0.00	31.78 0.28 0.00	31.05 0.27 0.00	22.27 0.18 0.00	22.11 0.19 0.00	21.94 0.17 0.00	21.54 0.13 0.00	22.10 0.08 0.00
WESTERN_NY_WIND 24143	18.15 -0.77 0.00	17.04 -0.71 0.00	18.38 -0.84 0.00	18.52 -0.74 0.00	17.68 -0.65 0.00	17.57 -0.78 0.00	19.17 -0.82 0.00	20.10 -1.30 0.00	28.32 -1.74 0.00	32.20 -1.67 0.00	33.32 -0.99 0.00	33.02 -0.73 0.00	35.50 -0.62 0.00	33.97 -0.85 0.00	33.46 -1.00 0.00	22.40 -0.60 0.00	24.00 -0.39 0.00	30.84 -0.66 0.00	30.14 -0.63 0.00	21.61 -0.48 0.00	21.35 -0.57 0.00	21.33 -0.43 0.00	21.06 -0.35 0.00	22.04 0.03 0.00
WESTOVER___LESR 323668	19.00 0.08 0.00	17.79 0.04 0.00	19.27 0.05 0.00	19.31 0.05 0.00	18.38 0.04 0.00	18.35 0.01 0.00	19.98 -0.01 0.00	21.31 -0.09 0.00	29.90 -0.17 0.00	33.75 -0.11 0.00	34.45 0.15 0.00	33.94 0.19 0.00	36.43 0.31 0.00	35.04 0.21 0.00	34.59 0.14 0.00	23.22 0.22 0.00	24.79 0.40 0.00	31.98 0.48 0.00	31.21 0.43 0.00	22.44 0.35 0.00	22.22 0.30 0.00	22.16 0.39 0.00	21.70 0.28 0.00	22.27 0.25 0.00
WETHRSFD_WT_PWR 323626	17.79 -1.13 0.00	16.66 -1.09 0.00	18.02 -1.21 0.00	18.17 -1.09 0.00	17.30 -1.03 0.00	17.21 -1.14 0.00	18.83 -1.16 0.00	19.70 -1.70 0.00	27.69 -2.37 0.00	31.42 -2.44 0.00	32.56 -1.75 0.00	32.37 -1.38 0.00	34.81 -1.31 0.00	33.25 -1.57 0.00	23.23 -1.63 9.60	20.91 -1.00 1.10	21.90 -0.85 1.64	25.91 -1.39 4.21	28.92 -1.37 0.49	21.15 -0.94 0.00	20.91 -1.02 0.00	20.93 -0.83 0.00	20.68 -0.73 0.00	21.69 -0.33 0.00
WHAVSTOR_138KV_BK127 55557	19.95 1.04 0.00	18.72 0.97 0.00	20.20 0.98 0.00	20.18 0.92 0.00	19.21 0.87 0.00	19.19 0.84 0.00	20.84 0.85 0.00	22.25 0.86 0.00	31.16 1.10 0.00	35.23 1.37 0.00	35.70 1.39 0.00	35.11 1.36 0.00	37.63 1.51 0.00	36.37 1.55 0.00	36.04 1.58 0.00	24.31 1.31 0.00	25.97 1.58 0.00	33.52 2.02 0.00	32.72 1.94 0.00	23.51 1.42 0.00	23.32 1.39 0.00	23.14 1.38 0.00	22.59 1.18 0.00	23.07 1.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.95 1.04 0.00	18.72 0.97 0.00	20.20 0.98 0.00	20.18 0.92 0.00	19.21 0.87 0.00	19.19 0.84 0.00	20.84 0.85 0.00	22.25 0.86 0.00	31.16 1.10 0.00	35.23 1.37 0.00	35.70 1.39 0.00	35.11 1.36 0.00	37.63 1.51 0.00	36.37 1.55 0.00	36.04 1.58 0.00	24.31 1.31 0.00	25.97 1.58 0.00	33.52 2.02 0.00	32.72 1.94 0.00	23.51 1.42 0.00	23.32 1.39 0.00	23.14 1.38 0.00	22.59 1.18 0.00	23.07 1.05 0.00

WHITEHAL_115KV_TB1 80871	19.75 0.83 0.00	18.61 0.86 0.00	20.12 0.90 0.00	20.10 0.84 0.00	19.20 0.86 0.00	19.17 0.83 0.00	20.96 0.97 0.00	22.44 1.05 0.00	31.28 1.21 0.00	35.32 1.46 0.00	35.61 1.30 0.00	35.25 1.50 0.00	37.81 1.69 0.00	36.81 1.99 0.00	36.99 2.54 0.00	25.04 2.04 0.00	26.80 2.41 0.00	34.51 3.01 0.00	33.86 3.08 0.00	24.11 2.02 0.00	23.77 1.85 0.00	23.68 1.91 0.00	22.79 1.38 0.00	23.15 1.13 0.00
WHITEPLN_13_KV_LOAD 356215	20.08 1.17 0.00	18.84 1.09 0.00	20.32 1.10 0.00	20.31 1.05 0.00	19.32 0.99 0.00	19.31 0.96 0.00	20.97 0.98 0.00	22.41 1.01 0.00	31.38 1.32 0.00	35.49 1.62 0.00	35.97 1.67 0.00	35.38 1.62 0.00	37.93 1.81 0.00	36.65 1.82 0.00	36.31 1.86 0.00	24.50 1.50 0.00	26.18 1.79 0.00	33.82 2.32 0.00	33.01 2.23 0.00	23.71 1.62 0.00	23.51 1.59 0.00	23.37 1.60 0.00	22.78 1.37 0.00	23.24 1.22 0.00
WM_FLOYD_69_KV_BK2 356380	20.39 1.48 0.00	19.21 1.46 0.00	20.67 1.45 0.00	20.64 1.38 0.00	19.61 1.28 0.00	19.65 1.31 0.00	21.24 1.25 0.00	22.62 1.23 0.00	31.74 1.68 0.00	35.68 1.81 0.00	36.45 2.14 0.00	35.89 2.14 0.00	38.36 2.24 0.00	37.09 2.26 -0.63	37.56 2.47 0.00	24.92 1.92 0.00	26.77 2.37 0.00	34.57 3.07 0.00	33.30 2.52 0.00	23.79 1.70 0.00	23.59 1.66 0.00	23.43 1.66 0.00	22.86 1.45 0.00	23.39 1.37 0.00
WOODARD__115KV_TB2 355635	18.60 -0.32 0.00	17.43 -0.32 0.00	18.87 -0.35 0.00	18.92 -0.34 0.00	18.02 -0.31 0.00	18.00 -0.34 0.00	19.59 -0.40 0.00	20.88 -0.52 0.00	29.31 -0.75 0.00	33.08 -0.78 0.00	33.71 -0.60 0.00	33.23 -0.52 0.00	35.63 -0.49 0.00	34.31 -0.51 0.00	33.90 -0.55 0.00	22.65 -0.35 0.00	24.11 -0.28 0.00	31.11 -0.39 0.00	30.38 -0.40 0.00	21.80 -0.29 0.00	21.61 -0.32 0.00	21.47 -0.30 0.00	21.07 -0.34 0.00	21.66 -0.36 0.00
YORK__WARBASSE 23770	20.13 1.21 0.00	18.89 1.14 0.00	20.40 1.18 0.00	20.35 1.09 0.00	19.31 0.97 0.00	19.30 0.95 0.00	20.96 0.97 0.00	22.36 0.97 0.00	31.38 1.32 0.00	35.49 1.63 0.00	35.93 1.63 0.00	35.31 1.56 0.00	37.85 1.73 0.00	36.57 1.75 0.00	36.29 1.83 0.00	24.52 1.52 0.00	26.19 1.79 0.00	33.73 2.23 0.00	32.96 2.19 0.00	23.73 1.64 0.00	23.53 1.61 0.00	23.34 1.58 0.00	22.77 1.36 0.00	23.21 1.20 0.00