

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/08/2024

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	26.94	23.68	21.82	22.04	22.53	26.85	31.38	29.95	24.36	22.49	23.46	23.95	21.15	20.33	18.57	20.03	22.52	26.62	29.63	23.57	21.64	23.86	23.63	23.37
24138	0.53	0.46	0.37	0.35	0.43	0.61	1.14	1.27	0.96	0.93	1.02	1.05	0.86	0.81	0.82	0.90	0.97	1.37	1.81	1.48	1.22	1.31	1.18	1.05
	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	26.91	23.67	21.79	22.02	22.52	26.82	31.34	29.90	24.31	22.44	23.41	23.90	21.11	20.30	18.52	19.99	22.47	26.57	29.58	23.54	21.61	23.83	23.61	23.36
24260	0.50	0.46	0.34	0.34	0.42	0.58	1.10	1.22	0.91	0.88	0.97	1.00	0.82	0.78	0.78	0.86	0.93	1.32	1.76	1.44	1.19	1.28	1.16	1.04
	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	26.91	23.67	21.79	22.02	22.52	26.82	31.34	29.90	24.31	22.44	23.41	23.90	21.11	20.30	18.52	19.99	22.47	26.57	29.58	23.54	21.61	23.83	23.61	23.36
24261	0.50	0.46	0.34	0.34	0.42	0.58	1.10	1.22	0.91	0.88	0.97	1.00	0.82	0.78	0.78	0.86	0.93	1.32	1.76	1.44	1.19	1.28	1.16	1.04
	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	27.39	24.07	22.19	22.47	22.98	27.35	31.89	30.26	24.30	22.06	23.00	23.50	20.75	19.92	18.18	19.70	22.38	26.51	29.44	23.32	21.55	23.65	23.44	23.20
24011	0.97	0.86	0.75	0.78	0.88	1.11	1.64	1.59	0.90	0.50	0.56	0.60	0.45	0.40	0.43	0.56	0.83	1.26	1.62	1.23	1.12	1.10	0.99	0.88
	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	27.59	24.25	22.35	22.63	23.15	27.54	32.14	30.51	24.40	22.12	23.04	23.55	20.79	19.99	18.26	19.82	22.53	26.73	29.67	23.49	21.70	23.76	23.55	23.27
23798	1.18	1.03	0.90	0.95	1.05	1.29	1.89	1.84	1.00	0.56	0.61	0.65	0.50	0.47	0.52	0.68	0.98	1.48	1.85	1.40	1.27	1.21	1.10	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 S GLENS___FALLS	27.39	24.07	22.19	22.47	22.98	27.35	31.89	30.26	24.30	22.06	23.00	23.50												

ALBANY___2 23572	26.76 0.34 0.00	23.58 0.36 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.49 0.00	31.06 0.81 0.00	29.51 0.84 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.55 0.25 0.00	19.78 0.26 0.00	18.01 0.27 0.00	19.43 0.29 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.72 0.90 0.00	22.78 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.08 0.63 0.00	22.91 0.59 0.00
ALBANY___3 23573	26.76 0.34 0.00	23.58 0.36 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.49 0.00	31.06 0.81 0.00	29.51 0.84 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.55 0.25 0.00	19.78 0.26 0.00	18.01 0.27 0.00	19.43 0.29 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.72 0.90 0.00	22.78 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.08 0.63 0.00	22.91 0.59 0.00
ALBANY___4 23574	26.76 0.34 0.00	23.58 0.36 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.49 0.00	31.06 0.81 0.00	29.51 0.84 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.55 0.25 0.00	19.78 0.26 0.00	18.01 0.27 0.00	19.43 0.29 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.72 0.90 0.00	22.78 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.08 0.63 0.00	22.91 0.59 0.00
ALBANY___LFGE 323615	26.90 0.48 0.00	23.70 0.48 0.00	21.85 0.40 0.00	22.10 0.42 0.00	22.59 0.49 0.00	26.87 0.63 0.00	31.24 1.00 0.00	29.69 1.02 0.00	23.95 0.54 0.00	21.92 0.36 0.00	22.84 0.40 0.00	23.35 0.45 0.00	20.67 0.37 0.00	19.89 0.37 0.00	18.11 0.37 0.00	19.54 0.41 0.00	22.08 0.54 0.00	26.01 0.76 0.00	28.91 1.09 0.00	22.93 0.83 0.00	21.19 0.76 0.00	23.35 0.80 0.00	23.21 0.76 0.00	23.04 0.71 0.00
ALCOA_PA_115KV_PL-6C 55860	27.13 0.71 0.00	23.91 0.69 0.00	22.09 0.65 0.00	22.34 0.65 0.00	22.71 0.60 0.00	26.76 0.51 0.00	30.62 0.37 0.00	28.87 0.19 0.00	23.75 0.34 0.00	21.97 0.41 0.00	22.99 0.55 0.00	23.48 0.57 0.00	20.78 0.49 0.00	19.90 0.39 0.00	18.02 0.28 0.00	19.41 0.28 0.00	21.72 0.17 0.00	25.29 0.03 0.00	27.60 -0.22 0.00	21.90 -0.20 0.00	20.33 -0.10 0.00	22.60 0.05 0.00	22.72 0.27 0.00	22.61 0.28 0.00
ALCOA_RYNLDS___DRP 24188	27.13 0.71 0.00	23.91 0.69 0.00	22.09 0.65 0.00	22.34 0.65 0.00	22.71 0.60 0.00	26.76 0.51 0.00	30.62 0.37 0.00	28.87 0.19 0.00	23.75 0.34 0.00	21.97 0.41 0.00	22.99 0.55 0.00	23.48 0.57 0.00	20.78 0.49 0.00	19.90 0.39 0.00	18.02 0.28 0.00	19.41 0.28 0.00	21.72 0.17 0.00	25.29 0.03 0.00	27.60 -0.22 0.00	21.90 -0.20 0.00	20.33 -0.10 0.00	22.60 0.05 0.00	22.72 0.27 0.00	22.61 0.28 0.00
ALCOA___DSASP 323711	27.13 0.71 0.00	23.91 0.69 0.00	22.09 0.64 0.00	22.34 0.65 0.00	22.71 0.60 0.00	26.76 0.51 0.00	30.62 0.37 0.00	28.87 0.20 0.00	23.75 0.35 0.00	21.98 0.41 0.00	22.99 0.55 0.00	23.47 0.57 0.00	20.78 0.49 0.00	19.90 0.39 0.00	18.02 0.28 0.00	19.41 0.28 0.00	21.72 0.17 0.00	25.29 0.03 0.00	27.60 -0.22 0.00	21.90 -0.20 0.00	20.33 -0.10 0.00	22.60 0.05 0.00	22.72 0.27 0.00	22.61 0.28 0.00
ALLEGHENY___COGEN 23514	30.77 0.47 -3.88	25.07 0.19 -1.66	23.60 0.17 -1.99	23.39 0.13 -1.58	22.86 0.01 -0.74	27.63 0.12 -1.26	30.81 0.07 -0.49	29.24 0.12 -0.44	23.39 -0.28 -0.27	21.26 -0.37 -0.07	21.89 -0.55 0.00	22.36 -0.53 0.00	19.84 -0.45 0.00	19.11 -0.40 0.00	17.28 -0.46 0.00	18.63 -0.50 0.00	20.90 -0.65 0.00	24.89 -0.36 0.00	27.58 -0.24 0.00	21.82 -0.28 0.00	19.93 -0.49 0.00	21.93 -0.62 0.00	21.80 -0.66 0.00	21.75 -0.57 0.00
ALTAMONT_115KV_TB 2 55880	26.65 0.24 0.00	23.46 0.25 0.00	21.64 0.19 0.00	21.89 0.20 0.00	22.36 0.26 0.00	26.59 0.35 0.00	30.87 0.62 0.00	29.33 0.65 0.00	23.72 0.32 0.00	21.74 0.19 0.00	22.64 0.20 0.00	23.12 0.22 0.00	20.45 0.16 0.00	19.69 0.17 0.00	17.92 0.18 0.00	19.33 0.20 0.00	21.86 0.31 0.00	25.76 0.50 0.00	28.59 0.77 0.00	22.69 0.59 0.00	20.96 0.53 0.00	23.10 0.55 0.00	22.97 0.51 0.00	22.79 0.47 0.00
ALTONA_WT_PWR 323606	27.52 1.10 0.00	24.35 1.14 0.00	22.54 1.09 0.00	22.82 1.13 0.00	23.20 1.10 0.00	27.33 1.08 0.00	31.26 1.02 0.00	29.36 0.69 0.00	24.16 0.76 0.00	22.31 0.76 0.00	23.14 0.70 0.00	23.51 0.61 0.00	20.78 0.49 0.00	19.93 0.41 0.00	18.04 0.30 0.00	19.40 0.27 0.00	21.84 0.30 0.00	25.46 0.20 0.00	27.51 -0.31 0.00	21.70 -0.39 0.00	20.00 -0.43 0.00	22.30 -0.25 0.00	22.71 0.25 0.00	22.92 0.60 0.00
AMERICAN_REF_FUEL 24010	-1.92 -1.11 27.22	10.13 -1.42 11.67	6.35 -1.17 13.92	9.35 -1.28 11.06	15.29 -1.60 5.21	15.51 -1.88 8.85	23.78 -3.02 3.45	24.28 -2.90 1.49	19.73 -1.98 1.70	19.23 -1.83 0.49	20.39 -2.05 0.00	20.83 -2.07 0.00	18.67 -1.62 0.00	18.16 -1.36 0.00	16.39 -1.36 0.00	17.65 -1.48 0.00	19.69 -1.86 0.00	22.77 -2.49 0.00	24.83 -2.99 0.00	19.52 -2.58 0.00	18.02 -2.41 0.00	19.78 -2.77 0.00	19.69 -2.77 0.00	19.78 -2.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	-7.82 -0.86 33.37	7.60 -1.31 14.30	3.44 -0.94 17.07	7.07 -1.06 13.55	14.24 -1.47 6.39	13.95 -1.44 10.85	24.01 -2.01 4.22	24.88 -1.97 1.83	20.14 -1.17 2.08	20.01 -0.94 0.60	21.45 -0.99 0.00	21.92 -0.98 0.00	19.61 -0.68 0.00	19.12 -0.39 0.00	17.28 -0.46 0.00	18.58 -0.55 0.00	20.66 -0.89 0.00	24.00 -1.26 0.00	26.11 -1.70 0.00	20.30 -1.79 0.00	18.41 -2.02 0.00	20.28 -2.27 0.00	20.12 -2.33 0.00	20.35 -1.97 0.00
ARTHUR KILL_GT_1 23520	26.90 0.49 0.00	23.62 0.40 0.00	21.60 0.16 0.00	21.82 0.13 0.00	22.31 0.20 0.00	26.58 0.34 0.00	31.06 0.82 0.01	29.73 1.05 0.00	24.24 0.83 0.00	22.37 0.81 0.00	23.32 0.88 0.00	23.81 0.91 0.00	21.01 0.72 0.00	20.20 0.68 0.00	18.44 0.69 0.00	19.93 0.79 0.00	22.42 0.87 0.00	26.52 1.26 0.00	29.50 1.68 0.00	23.51 1.42 0.00	21.58 1.16 0.00	23.83 1.27 0.00	23.64 1.18 0.00	23.41 1.09 0.00
ARTHUR_KILL_2 23512	26.83 0.41 0.00	23.56 0.34 0.00	21.55 0.10 0.00	21.76 0.07 0.00	22.25 0.14 0.00	26.50 0.26 0.00	30.97 0.73 0.01	29.63 0.96 0.00	24.17 0.77 0.00	22.31 0.75 0.00	23.26 0.82 0.00	23.75 0.85 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.87 0.74 0.00	22.36 0.81 0.00	26.44 1.19 0.00	29.41 1.59 0.00	23.45 1.36 0.00	21.52 1.09 0.00	23.76 1.21 0.00	23.57 1.12 0.00	23.35 1.03 0.00
ARTHUR_KILL_3 23513	26.57 0.15 0.00	23.37 0.15 0.00	21.54 0.10 0.00	21.76 0.07 0.00	22.25 0.15 0.00	26.50 0.25 0.00	30.96 0.71 0.00	29.53 0.85 0.00	24.00 0.60 0.00	22.16 0.60 0.00	23.11 0.67 0.00	23.59 0.69 0.00	20.83 0.54 0.00	20.03 0.51 0.00	18.30 0.55 0.00	19.74 0.60 0.00	22.19 0.64 0.00	26.24 0.98 0.00	29.22 1.40 0.00	23.27 1.18 0.00	21.36 0.93 0.00	23.56 1.02 0.00	23.34 0.89 0.00	23.10 0.78 0.00

ARTHUR_KILL_COGEN 323718	26.90 0.49 0.00	23.62 0.40 0.00	21.60 0.16 0.00	21.82 0.13 0.00	22.31 0.20 0.00	26.58 0.34 0.00	31.06 0.82 0.01	29.73 1.05 0.00	24.24 0.83 0.00	22.37 0.81 0.00	23.32 0.88 0.00	23.81 0.91 0.00	21.01 0.72 0.00	20.20 0.68 0.00	18.44 0.69 0.00	19.93 0.79 0.00	22.42 0.87 0.00	26.52 1.26 0.00	29.50 1.68 0.00	23.51 1.42 0.00	21.58 1.16 0.00	23.83 1.27 0.00	23.64 1.18 0.00	23.41 1.09 0.00
ASHOKAN____ 23654	27.40 0.98 0.00	24.09 0.87 0.00	22.23 0.78 0.00	22.47 0.78 0.00	23.00 0.90 0.00	27.46 1.21 0.00	32.01 1.76 0.00	30.44 1.76 0.00	24.34 0.93 0.00	22.10 0.54 0.00	22.90 0.46 0.00	23.36 0.46 0.00	20.62 0.33 0.00	19.80 0.28 0.00	18.02 0.28 0.00	19.40 0.27 0.00	22.04 0.50 0.00	26.22 0.96 0.00	29.33 1.51 0.00	23.27 1.17 0.00	21.48 1.05 0.00	23.65 1.10 0.00	23.45 1.00 0.00	23.23 0.90 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.64 0.22 0.00	23.48 0.27 0.00	21.71 0.26 0.00	21.92 0.23 0.00	22.39 0.29 0.00	26.68 0.43 0.00	31.22 0.97 0.00	29.65 0.98 0.00	24.11 0.71 0.00	22.26 0.70 0.00	23.20 0.77 0.00	23.65 0.76 0.00	20.92 0.63 0.00	20.13 0.61 0.00	18.35 0.61 0.00	19.76 0.63 0.00	22.25 0.71 0.00	26.31 1.06 0.00	29.29 1.47 0.00	23.32 1.23 0.00	21.43 1.00 0.00	23.65 1.10 0.00	23.41 0.96 0.00	23.18 0.85 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.64 0.22 0.00	23.48 0.27 0.00	21.71 0.26 0.00	21.92 0.23 0.00	22.39 0.29 0.00	26.68 0.43 0.00	31.22 0.97 0.00	29.65 0.98 0.00	24.11 0.71 0.00	22.26 0.70 0.00	23.20 0.77 0.00	23.65 0.76 0.00	20.92 0.63 0.00	20.13 0.61 0.00	18.35 0.61 0.00	19.76 0.63 0.00	22.25 0.71 0.00	26.31 1.06 0.00	29.29 1.47 0.00	23.32 1.23 0.00	21.43 1.00 0.00	23.65 1.10 0.00	23.41 0.96 0.00	23.18 0.85 0.00
ASTORIA_GT2_1 24094	26.64 0.22 0.00	23.50 0.29 0.00	21.72 0.27 0.00	21.96 0.27 0.00	22.43 0.33 0.00	26.70 0.46 0.00	31.23 0.98 0.00	29.67 1.00 0.00	24.13 0.73 0.00	22.27 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.93 0.64 0.00	20.13 0.61 0.00	18.36 0.62 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.07 0.00	29.30 1.48 0.00	23.33 1.24 0.00	21.43 1.00 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.19 0.87 0.00
ASTORIA_GT2_2 24095	26.64 0.22 0.00	23.50 0.29 0.00	21.72 0.27 0.00	21.96 0.27 0.00	22.43 0.33 0.00	26.70 0.46 0.00	31.23 0.98 0.00	29.67 1.00 0.00	24.13 0.73 0.00	22.27 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.93 0.64 0.00	20.13 0.61 0.00	18.36 0.62 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.07 0.00	29.30 1.48 0.00	23.33 1.24 0.00	21.43 1.00 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.19 0.87 0.00
ASTORIA_GT2_3 24096	26.64 0.22 0.00	23.50 0.29 0.00	21.72 0.27 0.00	21.96 0.27 0.00	22.43 0.33 0.00	26.70 0.46 0.00	31.23 0.98 0.00	29.67 1.00 0.00	24.13 0.73 0.00	22.27 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.93 0.64 0.00	20.13 0.61 0.00	18.36 0.62 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.07 0.00	29.30 1.48 0.00	23.33 1.24 0.00	21.43 1.00 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.19 0.87 0.00
ASTORIA_GT2_4 24097	26.64 0.22 0.00	23.50 0.29 0.00	21.72 0.27 0.00	21.96 0.27 0.00	22.43 0.33 0.00	26.70 0.46 0.00	31.23 0.98 0.00	29.67 1.00 0.00	24.13 0.73 0.00	22.27 0.71 0.00</														

ASTORIA_GT4_4 24105	26.64 0.22 0.00	23.50 0.29 0.00	21.72 0.27 0.00	21.96 0.27 0.00	22.43 0.33 0.00	26.70 0.46 0.00	31.23 0.98 0.00	29.67 1.00 0.00	24.13 0.73 0.00	22.27 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.93 0.64 0.00	20.13 0.61 0.00	18.36 0.62 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.07 0.00	29.30 1.48 0.00	23.33 1.24 0.00	21.43 1.00 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.19 0.87 0.00
ASTORIA_GT_1 23523	26.70 0.28 0.00	23.53 0.31 0.00	21.75 0.31 0.00	21.96 0.27 0.00	22.43 0.33 0.00	26.73 0.49 0.00	31.28 1.03 0.00	29.73 1.05 0.00	24.18 0.77 0.00	22.31 0.75 0.00	23.25 0.82 0.00	23.71 0.81 0.00	20.96 0.67 0.00	20.17 0.65 0.00	18.39 0.65 0.00	19.81 0.68 0.00	22.31 0.76 0.00	26.38 1.13 0.00	29.36 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.70 1.15 0.00	23.47 1.02 0.00	23.22 0.90 0.00
ASTORIA_GT_10 24110	26.70 0.29 0.00	23.50 0.29 0.00	21.65 0.20 0.00	21.88 0.19 0.00	22.36 0.26 0.00	26.64 0.39 0.00	31.16 0.91 0.00	29.70 1.03 0.00	24.15 0.75 0.00	22.28 0.73 0.00	23.24 0.81 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.83 0.70 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.36 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00
ASTORIA_GT_11 24225	26.70 0.29 0.00	23.50 0.29 0.00	21.65 0.20 0.00	21.88 0.19 0.00	22.36 0.26 0.00	26.64 0.39 0.00	31.16 0.91 0.00	29.70 1.03 0.00	24.15 0.75 0.00	22.28 0.73 0.00	23.24 0.81 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.83 0.70 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.36 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00
ASTORIA_GT_12 24226	26.70 0.29 0.00	23.50 0.29 0.00	21.65 0.20 0.00	21.88 0.19 0.00	22.36 0.26 0.00	26.64 0.39 0.00	31.16 0.91 0.00	29.70 1.03 0.00	24.15 0.75 0.00	22.28 0.73 0.00	23.24 0.81 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.83 0.70 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.36 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00
ASTORIA_GT_13 24227	26.70 0.29 0.00	23.50 0.29 0.00	21.65 0.20 0.00	21.88 0.19 0.00	22.36 0.26 0.00	26.64 0.39 0.00	31.16 0.91 0.00	29.70 1.03 0.00	24.15 0.75 0.00	22.28 0.73 0.00	23.24 0.81 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.83 0.70 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.36 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00
ASTORIA_GT_5 24106	26.68 0.27 0.00	23.54 0.33 0.00	21.75 0.30 0.00	21.99 0.31 0.00	22.46 0.36 0.00	26.74 0.49 0.00	31.28 1.04 0.00	29.73 1.06 0.00	24.18 0.78 0.00	22.31 0.75 0.00	23.25 0.82 0.00	23.72 0.82 0.00	20.96 0.67 0.00	20.17 0.66 0.00	18.39 0.65 0.00	19.81 0.68 0.00	22.31 0.76 0.00	26.38 1.13 0.00	29.36 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.70 1.15 0.00	23.47 1.02 0.00	23.23 0.91 0.00
ASTORIA_GT_7 24107	26.68 0.27 0.00	23.54 0.33 0.00	21.75 0.30 0.00	21.99 0.31 0.00	22.46 0.36 0.00	26.74 0.49 0.00	31.28 1.04 0.00	29.73 1.06 0.00	24.18 0.78 0.00	22.31 0.75 0.00	23.25													

ATHENS_STG_1 23668	26.55 0.13 0.00	23.35 0.13 0.00	21.53 0.08 0.00	21.77 0.08 0.00	22.24 0.14 0.00	26.46 0.22 0.00	30.77 0.53 0.00	29.27 0.59 0.00	23.70 0.30 0.00	21.78 0.22 0.00	22.69 0.25 0.00	23.16 0.26 0.00	20.48 0.19 0.00	19.70 0.18 0.00	17.95 0.21 0.00	19.36 0.22 0.00	21.85 0.30 0.00	25.78 0.52 0.00	28.63 0.82 0.00	22.75 0.65 0.00	20.98 0.55 0.00	23.13 0.58 0.00	22.97 0.52 0.00	22.79 0.46 0.00
ATHENS_STG_2 23670	26.55 0.13 0.00	23.35 0.13 0.00	21.53 0.08 0.00	21.77 0.08 0.00	22.24 0.14 0.00	26.46 0.22 0.00	30.77 0.53 0.00	29.27 0.59 0.00	23.70 0.30 0.00	21.78 0.22 0.00	22.69 0.25 0.00	23.16 0.26 0.00	20.48 0.19 0.00	19.70 0.18 0.00	17.95 0.21 0.00	19.36 0.22 0.00	21.85 0.30 0.00	25.78 0.52 0.00	28.63 0.82 0.00	22.75 0.65 0.00	20.98 0.55 0.00	23.13 0.58 0.00	22.97 0.52 0.00	22.79 0.46 0.00
ATHENS_STG_3 23677	26.55 0.13 0.00	23.35 0.13 0.00	21.53 0.08 0.00	21.77 0.08 0.00	22.24 0.14 0.00	26.46 0.22 0.00	30.77 0.53 0.00	29.27 0.59 0.00	23.70 0.30 0.00	21.78 0.22 0.00	22.69 0.25 0.00	23.16 0.26 0.00	20.48 0.19 0.00	19.70 0.18 0.00	17.95 0.21 0.00	19.36 0.22 0.00	21.85 0.30 0.00	25.78 0.52 0.00	28.63 0.82 0.00	22.75 0.65 0.00	20.98 0.55 0.00	23.13 0.58 0.00	22.97 0.52 0.00	22.79 0.46 0.00
AUBURN___LFGE 323710	26.46 0.05 0.00	23.14 -0.07 0.00	21.41 -0.03 0.00	21.66 -0.03 0.00	22.04 -0.06 0.00	26.12 -0.13 0.00	30.19 -0.06 0.00	28.71 0.03 0.00	23.31 -0.09 0.00	21.48 -0.07 0.00	22.19 -0.25 0.00	22.68 -0.22 0.00	20.13 -0.15 0.00	19.41 -0.10 0.00	17.61 -0.14 0.00	18.97 -0.16 0.00	21.46 -0.08 0.00	25.19 -0.07 0.00	27.82 0.01 0.00	22.02 -0.08 0.00	20.28 -0.15 0.00	22.26 -0.29 0.00	22.15 -0.30 0.00	22.06 -0.26 0.00
BABYLON_RES_REC 323704	27.28 0.87 0.00	23.93 0.71 0.00	22.03 0.58 0.00	22.21 0.53 0.00	22.70 0.60 0.00	27.01 0.77 0.00	31.46 1.22 0.00	29.76 1.08 0.00	24.16 0.76 0.00	22.26 0.71 0.00	23.41 0.97 0.00	23.92 1.02 0.00	21.13 0.84 0.00	20.28 0.76 0.00	18.54 0.80 0.00	20.04 0.91 0.00	22.59 1.04 0.00	26.74 1.49 0.00	29.84 2.03 0.00	23.75 1.66 0.00	21.78 1.35 0.00	24.09 1.53 0.00	23.81 1.36 0.00	23.56 1.24 0.00
BABYLON__69_KV_BK2 356345	27.52 1.11 0.00	24.13 0.92 0.00	22.22 0.77 0.00	22.41 0.72 0.00	22.89 0.79 0.00	27.25 1.00 0.00	31.71 1.46 0.00	29.92 1.25 0.00	24.33 0.93 0.00	22.43 0.87 0.00	23.58 1.14 0.00	24.11 1.21 0.00	21.29 0.99 0.00	20.44 0.92 0.00	18.69 0.95 0.00	20.20 1.07 0.00	22.77 1.23 0.00	26.96 1.71 0.00	30.12 2.30 0.00	23.97 1.88 0.00	21.98 1.55 0.00	24.30 1.75 0.00	24.02 1.57 0.00	23.75 1.43 0.00
BALL_HILL_WT_PWR 323825	-6.70 -0.59 32.52	8.30 -0.98 13.94	4.06 -0.76 16.63	7.62 -0.86 13.21	14.71 -1.16 6.23	14.38 -1.29 10.57	24.11 -2.02 4.12	25.05 -1.84 1.79	20.22 -1.15 2.03	20.00 -0.97 0.59	21.31 -1.13 0.00	21.81 -1.09 0.00	19.49 -0.80 0.00	18.93 -0.58 0.00	17.11 -0.63 0.00	18.43 -0.70 0.00	20.52 -1.03 0.00	23.82 -1.44 0.00	25.97 -1.85 0.00	20.40 -1.69 0.00	18.65 -1.78 0.00	20.54 -2.01 0.00	20.42 -2.03 0.00	20.48 -1.84 0.00
BARON_WINDS___WT_PWR 323822	47.92 -0.42 -21.92	32.14 -0.48 -9.40	32.13 -0.53 -11.21	30.02 -0.57 -8.90	25.56 -0.74 -4.20	32.52 -0.85 -7.13	32.03 -0.99 -2.78	29.50 -0.81 -1.63	24.16 -0.67 -1.43	21.51 -0.44 -0.40	21.94 -0.50 0.00	22.49 -0.41 0.00	19.84 -0.45 0.00	19.06 -0.45 0.00	17.24 -0.50 0.00	18.56 -0.57 0.00	20.69 -0.85 0.00	24.27 -0.98 0.00	26.64 -1.18 0.00	21.09 -1.00 0.00	19.14 -1.28 0.00	21.17 -1.38 0.00	21.10 -1.35 0.00	21.08 -1.24 0.00
BARRETT_IC_1 23704	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_10 23701	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_11 23702	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_12 23703	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_2 23705	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_3 23706	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_4 23707	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00

BARRETT_IC_5 23708	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_6 23709	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_7 23710	27.09 0.67 0.00	23.79 0.58 0.00	21.90 0.45 0.00	22.10 0.41 0.00	22.59 0.48 0.00	26.85 0.61 0.00	31.25 1.00 0.00	29.62 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.88 0.98 0.00	21.09 0.80 0.00	20.26 0.75 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.40 0.00	23.71 1.26 0.00	23.45 1.13 0.00
BARRETT_IC_8 23711	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT_IC_9 23700	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT___1 23545	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BARRETT___2 23546	27.09 0.67 0.00	23.78 0.57 0.00	21.90 0.46 0.00	22.10 0.41 0.00	22.58 0.48 0.00	26.85 0.60 0.00	31.24 1.00 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.17 0.61 0.00	23.34 0.90 0.00	23.87 0.97 0.00	21.09 0.80 0.00	20.26 0.74 0.00	18.51 0.77 0.00	19.99 0.87 0.00	22.49 0.94 0.00	26.57 1.31 0.00	29.59 1.77 0.00	23.55 1.46 0.00	21.66 1.23 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.44 1.12 0.00
BATAVIA___115KV_TB1 55881	26.26 -0.15 0.00	22.60 -0.62 0.00	21.06 -0.38 0.00	21.19 -0.50 0.00	21.32 -0.78 0.00	25.44 -0.81 0.00	28.75 -1.49 0.00	27.28 -1.40 0.00	22.47 -0.93 0.00	20.65 -0.91														

BAYONEEC___CTG7 323688	26.71 0.29 0.00	23.49 0.27 0.00	21.64 0.20 0.00	21.86 0.17 0.00	22.34 0.24 0.00	26.62 0.38 0.00	31.11 0.86 0.00	29.66 0.99 0.00	24.11 0.71 0.00	22.26 0.70 0.00	23.23 0.79 0.00	23.70 0.80 0.00	20.94 0.65 0.00	20.13 0.61 0.00	18.38 0.64 0.00	19.83 0.70 0.00	22.30 0.75 0.00	26.36 1.11 0.00	29.35 1.53 0.00	23.36 1.27 0.00	21.46 1.03 0.00	23.67 1.12 0.00	23.45 1.00 0.00	23.20 0.88 0.00
BAYONEEC___CTG8 323689	26.71 0.29 0.00	23.49 0.27 0.00	21.64 0.20 0.00	21.86 0.17 0.00	22.34 0.24 0.00	26.62 0.38 0.00	31.11 0.86 0.00	29.66 0.99 0.00	24.11 0.71 0.00	22.26 0.70 0.00	23.23 0.79 0.00	23.70 0.80 0.00	20.94 0.65 0.00	20.13 0.61 0.00	18.38 0.64 0.00	19.83 0.70 0.00	22.30 0.75 0.00	26.36 1.11 0.00	29.35 1.53 0.00	23.36 1.27 0.00	21.46 1.03 0.00	23.67 1.12 0.00	23.45 1.00 0.00	23.20 0.88 0.00
BAYONEEC___CTG9 323749	26.71 0.29 0.00	23.49 0.27 0.00	21.64 0.20 0.00	21.86 0.17 0.00	22.34 0.24 0.00	26.62 0.38 0.00	31.11 0.86 0.00	29.66 0.99 0.00	24.11 0.71 0.00	22.26 0.70 0.00	23.23 0.79 0.00	23.70 0.80 0.00	20.94 0.65 0.00	20.13 0.61 0.00	18.38 0.64 0.00	19.83 0.70 0.00	22.30 0.75 0.00	26.36 1.11 0.00	29.35 1.53 0.00	23.36 1.27 0.00	21.46 1.03 0.00	23.67 1.12 0.00	23.45 1.00 0.00	23.20 0.88 0.00
BEACON___LESR 323632	26.98 0.57 0.00	23.77 0.55 0.00	21.91 0.46 0.00	22.13 0.44 0.00	22.65 0.55 0.00	26.95 0.71 0.00	31.39 1.14 0.00	29.77 1.10 0.00	24.05 0.65 0.00	21.95 0.39 0.00	22.84 0.40 0.00	23.34 0.44 0.00	20.66 0.37 0.00	19.86 0.34 0.00	18.09 0.35 0.00	19.53 0.40 0.00	22.13 0.58 0.00	26.06 0.81 0.00	29.01 1.19 0.00	23.03 0.94 0.00	21.27 0.84 0.00	23.44 0.89 0.00	23.30 0.85 0.00	23.10 0.78 0.00
BEAVER RIVER___HYD 24048	25.93 -0.48 0.00	22.99 -0.22 0.00	21.51 0.07 0.00	21.92 0.23 0.00	22.36 0.26 0.00	26.58 0.33 0.00	30.79 0.54 0.00	29.02 0.35 0.00	23.28 -0.12 0.00	21.24 -0.31 0.00	22.04 -0.39 0.00	22.56 -0.34 0.00	19.89 -0.41 0.00	19.01 -0.50 0.00	17.19 -0.56 0.00	18.51 -0.62 0.00	20.97 -0.58 0.00	24.89 -0.37 0.00	27.33 -0.49 0.00	21.32 -0.77 0.00	19.56 -0.87 0.00	21.68 -0.87 0.00	21.55 -0.90 0.00	21.26 -1.06 0.00
BEEBEE_GT_13 23619	25.85 -0.57 0.00	22.42 -0.80 0.00	20.82 -0.62 0.00	21.01 -0.68 0.00	21.26 -0.84 0.00	25.30 -0.95 0.00	28.88 -1.37 0.00	27.41 -1.27 0.00	22.51 -0.89 0.00	20.74 -0.82 0.00	21.47 -0.97 0.00	21.91 -0.99 0.00	19.55 -0.74 0.00	18.89 -0.62 0.00	17.10 -0.65 0.00	18.44 -0.69 0.00	20.72 -0.82 0.00	24.16 -1.09 0.00	26.51 -1.31 0.00	20.92 -1.17 0.00	19.28 -1.15 0.00	21.19 -1.36 0.00	21.04 -1.41 0.00	21.00 -1.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.01 0.60 0.00	23.75 0.53 0.00	21.79 0.35 0.00	22.02 0.33 0.00	22.50 0.40 0.00	26.82 0.58 0.00	31.37 1.12 0.00	29.95 1.27 0.00	24.37 0.97 0.00	22.49 0.93 0.00	23.46 1.02 0.00	23.95 1.05 0.00	21.14 0.85 0.00	20.34 0.82 0.00	18.55 0.81 0.00	20.01 0.88 0.00	22.53 0.98 0.00	26.63 1.38 0.00	29.63 1.81 0.00	23.61 1.52 0.00	21.67 1.24 0.00	23.91 1.36 0.00	23.68 1.23 0.00	23.43 1.11 0.00
BETHLEHEM___GRP 23843	26.76 0.34 0.00	23.58 0.36 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.49 0.00	31.06 0.81 0.00	29.51 0.84 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.55 0.25 0.00	19.78 0.26 0.00	18.01 0.27 0.00	19.43 0.29 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.72 0.90 0.00	22.78 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.08 0.63 0.00	22.91 0.59 0.00
BETHLEHEM___GS1 323560	26.76 0.35 0.00	23.57 0.36 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.48 0.00	31.05 0.81 0.00	29.51 0.84 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.78 0.26 0.00	18.01 0.27 0.00	19.43 0.29 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.72 0.90 0.00	22.78 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.08 0.63 0.00	22.91 0.59 0.00
BETHLEHEM___GS2 323561	26.76 0.35 0.00	23.57 0.36 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.48 0.00	31.05 0.81 0.00	29.51 0.84 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.78 0.26 0.00	18.01 0.27 0.00	19.43 0.29 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.72 0.90 0.00	22.78 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.08 0.63 0.00	22.91 0.59 0.00
BETHLEHEM___GS3 323562	26.76 0.35 0.00	23.57 0.36 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.48 0.00	31.05 0.81 0.00	29.51 0.84 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.78 0.26 0.00	18.01 0.27 0.00	19.43 0.29 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.72 0.90 0.00	22.78 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.08 0.63 0.00	22.91 0.59 0.00
BETHLEHEM___STEEL 23779	26.05 -0.36 0.00	22.37 -0.85 0.00	20.84 -0.61 0.00	20.96 -0.72 0.00	21.07 -1.03 0.00	25.07 -1.18 0.00	28.27 -1.98 0.00	26.89 -1.79 0.00	22.31 -1.09 0.00	20.58 -0.98 0.00	21.29 -1.15 0.00	21.78 -1.12 0.00	19.50 -0.79 0.00	18.91 -0.60 0.00	17.08 -0.67 0.00	18.40 -0.73 0.00	20.53 -1.02 0.00	23.77 -1.49 0.00	25.92 -1.90 0.00	20.37 -1.72 0.00	18.72 -1.70 0.00	20.58 -1.97 0.00	20.47 -1.98 0.00	20.52 -1.81 0.00
BETHLHEM_115KV_TB1 79974	26.77 0.36 0.00	23.59 0.37 0.00	21.75 0.30 0.00	22.00 0.31 0.00	22.48 0.38 0.00	26.75 0.50 0.00	31.07 0.82 0.00	29.53 0.86 0.00	23.83 0.43 0.00	21.81 0.25 0.00	22.73 0.29 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.79 0.27 0.00	18.02 0.27 0.00	19.44 0.30 0.00	21.92 0.37 0.00	25.82 0.56 0.00	28.69 0.87 0.00	22.76 0.67 0.00	21.03 0.60 0.00	23.19 0.64 0.00	23.05 0.60 0.00	22.88 0.56 0.00
BETHPAGE_CC_5 323564	27.27 0.86 0.00	23.93 0.71 0.00	22.03 0.58 0.00	22.22 0.54 0.00	22.71 0.61 0.00	27.02 0.78 0.00	31.50 1.25 0.00	29.82 1.14 0.00	24.22 0.82 0.00	22.33 0.78 0.00	23.46 1.03 0.00	23.98 1.08 0.00	21.20 0.90 0.00	20.34 0.83 0.00	18.59 0.85 0.00	20.08 0.95 0.00	22.62 1.07 0.00	26.76 1.50 0.00	29.86 2.05 0.00	23.76 1.66 0.00	21.80 1.37 0.00	24.09 1.54 0.00	23.83 1.37 0.00	23.57 1.25 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.23 -0.18 0.00	22.52 -0.69 0.00	20.98 -0.47 0.00	21.10 -0.59 0.00	21.22 -0.88 0.00	25.23 -1.01 0.00	28.47 -1.78 0.00	27.10 -1.58 0.00	22.48 -0.93 0.00	20.73 -0.83 0.00	21.45 -0.99 0.00	21.95 -0.95 0.00	19.65 -0.65 0.00	19.05 -0.47 0.00	17.20 -0.55 0.00	18.53 -0.60 0.00	20.67 -0.88 0.00	23.94 -1.32 0.00	26.11 -1.70 0.00	20.52 -1.58 0.00	18.85 -1.58 0.00	20.71 -1.84 0.00	20.62 -1.83 0.00	20.65 -1.67 0.00

BINGHAMTON___COGEN 23790	26.38 -0.04 0.00	23.11 -0.10 0.00	21.38 -0.07 0.00	21.61 -0.07 0.00	21.98 -0.13 0.00	26.16 -0.08 0.00	30.24 0.00 0.00	28.61 -0.07 0.00	23.37 -0.03 0.00	21.56 0.00 0.00	22.36 -0.08 0.00	22.74 -0.16 0.00	20.10 -0.19 0.00	19.36 -0.15 0.00	17.61 -0.13 0.00	19.01 -0.12 0.00	21.37 -0.18 0.00	25.14 -0.11 0.00	27.70 -0.12 0.00	21.98 -0.11 0.00	20.15 -0.27 0.00	22.25 -0.30 0.00	22.10 -0.35 0.00	22.00 -0.32 0.00
BIXINCNT_115KV_LOAD 355685	26.66 0.24 0.00	22.81 -0.41 0.00	21.14 -0.31 0.00	21.24 -0.45 0.00	21.35 -0.75 0.00	25.38 -0.87 0.00	28.67 -1.58 0.00	27.43 -1.25 0.00	22.72 -0.68 0.00	21.05 -0.51 0.00	21.97 -0.47 0.00	22.54 -0.36 0.00	20.15 -0.14 0.00	19.46 -0.06 0.00	17.54 -0.20 0.00	18.90 -0.24 0.00	20.90 -0.65 0.00	24.20 -1.05 0.00	26.51 -1.31 0.00	20.62 -1.47 0.00	18.78 -1.65 0.00	20.64 -1.91 0.00	20.71 -1.74 0.00	20.53 -1.80 0.00
BLACK RIVER___HYD 24047	25.53 -0.88 0.00	22.67 -0.55 0.00	21.25 -0.19 0.00	21.70 0.01 0.00	22.16 0.06 0.00	26.42 0.17 0.00	30.65 0.40 0.00	28.90 0.22 0.00	23.04 -0.36 0.00	20.91 -0.65 0.00	21.62 -0.82 0.00	22.14 -0.76 0.00	19.51 -0.78 0.00	18.67 -0.85 0.00	16.91 -0.84 0.00	18.20 -0.93 0.00	20.63 -0.91 0.00	24.64 -0.61 0.00	27.26 -0.56 0.00	21.24 -0.85 0.00	19.42 -1.01 0.00	21.51 -1.04 0.00	21.31 -1.15 0.00	20.98 -1.35 0.00
BLACKRVR_115KV_TB2 79977	25.54 -0.87 0.00	22.67 -0.55 0.00	21.25 -0.19 0.00	21.70 0.01 0.00	22.16 0.06 0.00	26.42 0.17 0.00	30.65 0.40 0.00	28.89 0.22 0.00	23.04 -0.36 0.00	20.91 -0.65 0.00	21.62 -0.82 0.00	22.14 -0.76 0.00	19.51 -0.78 0.00	18.67 -0.85 0.00	16.91 -0.84 0.00	18.20 -0.93 0.00	20.63 -0.91 0.00	24.64 -0.61 0.00	27.26 -0.56 0.00	21.24 -0.85 0.00	19.42 -1.01 0.00	21.51 -1.04 0.00	21.31 -1.15 0.00	20.98 -1.35 0.00
BLISS_WT_PWR 323608	-7.83 0.17 34.41	8.04 -0.42 14.75	3.44 -0.41 17.59	7.16 -0.55 13.97	14.69 -0.82 6.59	14.10 -0.96 11.19	24.18 -1.71 4.35	25.43 -1.36 1.89	20.50 -0.75 2.15	20.39 -0.55 0.62	21.96 -0.48 0.00	22.54 -0.36 0.00	20.14 -0.15 0.00	19.44 -0.08 0.00	17.52 -0.23 0.00	18.87 -0.26 0.00	20.82 -0.72 0.00	24.12 -1.13 0.00	26.45 -1.37 0.00	20.50 -1.60 0.00	18.64 -1.80 0.00	20.46 -2.09 0.00	20.55 -1.90 0.00	20.32 -2.00 0.00
BLUESTONE___WT_PWR 323821	35.08 0.52 -8.14	27.53 0.82 -3.49	26.55 0.94 -4.16	26.02 1.03 -3.31	24.67 1.00 -1.56	30.28 1.39 -2.65	33.16 1.89 -1.03	30.71 1.71 -0.34	25.04 1.15 -0.49	22.65 0.94 -0.15	23.22 0.78 0.00	23.64 0.74 0.00	20.88 0.59 0.00	20.05 0.54 0.00	18.18 0.44 0.00	19.61 0.47 0.00	22.12 0.57 0.00	26.03 0.77 0.00	27.95 0.13 0.00	21.79 -0.30 0.00	20.10 -0.33 0.00	22.06 -0.49 0.00	22.17 -0.28 0.00	22.52 0.20 0.00
BLUE_CIRC_CHEM_DRP 24182	26.82 0.41 0.00	23.62 0.40 0.00	21.79 0.34 0.00	22.04 0.35 0.00	22.52 0.42 0.00	26.79 0.55 0.00	31.07 0.82 0.00	29.50 0.82 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.71 0.27 0.00	23.19 0.29 0.00	20.53 0.23 0.00	19.76 0.24 0.00	17.99 0.25 0.00	19.41 0.28 0.00	21.97 0.43 0.00	25.88 0.63 0.00	28.73 0.91 0.00	22.79 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.09 0.64 0.00	22.93 0.61 0.00
BOC_GAS_DRP 24189	26.57 0.15 0.00	23.39 0.17 0.00	21.57 0.12 0.00	21.82 0.13 0.00	22.28 0.18 0.00	26.50 0.26 0.00	30.75 0.51 0.00	29.23 0.55 0.00	23.65 0.25 0.00	21.71 0.15 0.00	22.61 0.17 0.00	23.09 0.19 0.00	20.43 0.14 0.00	19.67 0.15 0.00	17.90 0.16 0.00	19.31 0.18 0.00	21.81 0.26 0.00	25.68 0.43 0.00	28.51 0.69 0.00	22.63 0.54 0.00	20.90 0.47 0.00	23.05 0.50 0.00	22.91 0.45 0.00	22.74 0.42 0.00
BOONVILLE_115KV_TB1 79983	26.57 0.15 0.00	23.43 0.22 0.00	21.76 0.32 0.00	22.09 0.41 0.00	22.54 0.44 0.00	26.85 0.61 0.00	31.12 0.88 0.00	29.54 0.86 0.00	23.72 0.32 0.00	21.71 0.15 0.00	22.55 0.11 0.00	23.03 0.13 0.00	20.36 0.07 0.00	19.53 0.01 0.00	17.73 -0.01 0.00	19.10 -0.03 0.00	21.64 0.09 0.00	25.60 0.35 0.00	28.18 0.37 0.00	22.16 0.07 0.00	20.39 -0.03 0.00	22.52 -0.03 0.00	22.36 -0.10 0.00	22.14 -0.18 0.00
BORALEX_4TH_BRANCH 23824	26.57 0.16 0.00	23.46 0.25 0.00	21.61 0.17 0.00	21.88 0.19 0.00	22.40 0.30 0.00	26.66 0.41 0.00	31.08 0.84 0.00	29.58 0.90 0.00	23.66 0.26 0.00	21.49 -0.07 0.00	22.49 0.05 0.00	23.00 0.10 0.00	20.33 0.04 0.00	19.59 0.07 0.00	17.86 0.12 0.00	19.21 0.08 0.00	21.81 0.27 0.00	25.66 0.40 0.00	28.61 0.79 0.00	22.69 0.59 0.00	21.07 0.65 0.00	23.24 0.69 0.00	23.09 0.64 0.00	22.97 0.65 0.00
BOWLINE___1 23526	26.71 0.30 0.00	23.49 0.27 0.00	21.63 0.18 0.00	21.86 0.17 0.00	22.35 0.24 0.00	26.60 0.36 0.00	31.02 0.77 0.00	29.56 0.89 0.00	23.99 0.59 0.00	22.14 0.58 0.00	23.10 0.66 0.00	23.57 0.66 0.00	20.81 0.51 0.00	20.00 0.48 0.00	18.24 0.50 0.00	19.70 0.56 0.00	22.17 0.63 0.00	26.22 0.97 0.00	29.20 1.38 0.00	23.23 1.14 0.00	21.33 0.90 0.00	23.55 1.00 0.00	23.35 0.90 0.00	23.14 0.82 0.00
BOWLINE___2 23595	26.71 0.30 0.00	23.49 0.27 0.00	21.63 0.18 0.00	21.86 0.17 0.00	22.35 0.24 0.00	26.60 0.36 0.00	31.02 0.78 0.00	29.56 0.89 0.00	23.99 0.59 0.00	22.14 0.58 0.00	23.10 0.66 0.00	23.57 0.66 0.00	20.81 0.51 0.00	20.00 0.48 0.00	18.24 0.50 0.00	19.70 0.56 0.00	22.17 0.63 0.00	26.22 0.97 0.00	29.20 1.38 0.00	23.23 1.14 0.00	21.33 0.90 0.00	23.55 1.00 0.00	23.35 0.90 0.00	23.14 0.82 0.00
BRADY___115KV_TB2 356060	27.41 1.00 0.00	24.17 0.96 0.00	22.34 0.90 0.00	22.60 0.91 0.00	22.96 0.86 0.00	27.06 0.81 0.00	30.98 0.73 0.00	29.17 0.49 0.00	23.86 0.46 0.00	22.06 0.50 0.00	23.08 0.65 0.00	23.57 0.67 0.00	20.85 0.55 0.00	19.92 0.40 0.00	18.01 0.27 0.00	19.41 0.27 0.00	21.72 0.17 0.00	25.41 0.16 0.00	27.79 -0.03 0.00	22.04 -0.05 0.00	20.46 0.02 0.00	22.79 0.24 0.00	22.91 0.45 0.00	22.75 0.43 0.00
BRANSCOMB___SOLAR 323811	27.05 0.63 0.00	23.80 0.58 0.00	21.94 0.49 0.00	22.20 0.52 0.00	22.71 0.60 0.00	27.02 0.78 0.00	31.46 1.22 0.00	29.85 1.17 0.00	23.96 0.55 0.00	21.79 0.23 0.00	22.72 0.28 0.00	23.22 0.32 0.00	20.52 0.22 0.00	19.72 0.20 0.00	17.98 0.24 0.00	19.44 0.31 0.00	22.10 0.55 0.00	26.15 0.90 0.00	29.06 1.24 0.00	23.04 0.95 0.00	21.30 0.87 0.00	23.43 0.88 0.00	23.25 0.81 0.00	23.06 0.74 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	27.40 0.99 0.00	24.03 0.82 0.00	22.14 0.69 0.00	22.32 0.63 0.00	22.80 0.69 0.00	27.12 0.87 0.00	31.53 1.29 0.00	29.70 1.03 0.00	24.19 0.79 0.00	22.32 0.77 0.00	23.51 1.07 0.00	24.03 1.14 0.00	21.21 0.92 0.00	20.38 0.86 0.00	18.63 0.89 0.00	20.12 0.99 0.00	22.66 1.11 0.00	26.81 1.56 0.00	29.93 2.11 0.00	23.83 1.74 0.00	21.84 1.42 0.00	24.16 1.61 0.00	23.89 1.44 0.00	23.65 1.33 0.00



BRISTLHL_115KV_TB1 79998	25.80 -0.61 0.00	22.58 -0.64 0.00	20.91 -0.54 0.00	21.14 -0.55 0.00	21.51 -0.59 0.00	25.62 -0.62 0.00	29.56 -0.69 0.00	28.07 -0.61 0.00	22.84 -0.56 0.00	20.99 -0.57 0.00	21.78 -0.66 0.00	22.20 -0.70 0.00	19.71 -0.58 0.00	19.01 -0.51 0.00	17.29 -0.46 0.00	18.64 -0.49 0.00	21.00 -0.54 0.00	24.70 -0.56 0.00	27.25 -0.57 0.00	21.60 -0.49 0.00	19.88 -0.55 0.00	21.91 -0.64 0.00	21.74 -0.71 0.00	21.63 -0.69 0.00
BROOKHAVEN___DRP 24191	27.23 0.81 0.00	23.89 0.67 0.00	22.01 0.57 0.00	22.18 0.49 0.00	22.66 0.56 0.00	26.92 0.68 0.00	31.22 0.98 0.00	29.35 0.67 0.00	23.89 0.49 0.00	22.08 0.52 0.00	23.31 0.87 0.00	23.85 0.95 0.00	21.03 0.74 0.00	20.20 0.68 0.00	18.48 0.73 0.00	19.93 0.80 0.00	22.47 0.92 0.00	26.55 1.30 0.00	29.64 1.82 0.00	23.61 1.52 0.00	21.64 1.22 0.00	23.95 1.40 0.00	23.68 1.23 0.00	23.43 1.11 0.00
BROOKLYN_NAVY_YARD 23515	26.70 0.28 0.00	23.49 0.27 0.00	21.67 0.23 0.00	21.86 0.17 0.00	22.35 0.25 0.00	26.62 0.38 0.00	31.12 0.87 0.00	29.67 1.00 0.00	24.12 0.72 0.00	22.27 0.71 0.00	23.22 0.79 0.00	23.70 0.80 0.00	20.93 0.64 0.00	20.13 0.61 0.00	18.38 0.64 0.00	19.83 0.70 0.00	22.30 0.75 0.00	26.36 1.11 0.00	29.35 1.53 0.00	23.36 1.27 0.00	21.46 1.03 0.00	23.67 1.12 0.00	23.45 1.00 0.00	23.19 0.87 0.00
BROOKLYN___ARMY_DRP 323595	26.88 0.47 0.00	23.64 0.42 0.00	21.70 0.25 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.70 0.46 0.00	31.23 0.98 0.00	29.80 1.13 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.34 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.41 0.86 0.00	26.49 1.24 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.56 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
BROOKVLE_69_KV_TB1 55790	27.38 0.97 0.00	24.03 0.82 0.00	22.11 0.67 0.00	22.33 0.65 0.00	22.83 0.72 0.00	27.17 0.92 0.00	31.69 1.45 0.00	30.07 1.39 0.00	24.41 1.01 0.00	22.50 0.95 0.00	23.62 1.18 0.00	24.15 1.25 0.00	21.34 1.05 0.00	20.49 0.97 0.00	18.72 0.97 0.00	20.23 1.10 0.00	22.77 1.23 0.00	26.94 1.68 0.00	30.03 2.21 0.00	23.89 1.80 0.00	21.92 1.50 0.00	24.21 1.66 0.00	23.95 1.50 0.00	23.69 1.37 0.00
BROOME_2_LFGE 323671	38.99 -0.04 -12.62	28.52 -0.11 -5.41	27.83 -0.07 -6.45	26.73 -0.08 -5.13	24.40 -0.13 -2.42	30.26 -0.09 -4.10	31.84 -0.01 -1.60	29.08 -0.07 -0.48	24.13 -0.03 -0.76	21.79 0.00 -0.23	22.36 -0.08 0.00	22.75 -0.15 0.00	20.10 -0.19 0.00	19.36 -0.15 0.00	17.61 -0.13 0.00	19.01 -0.12 0.00	21.37 -0.18 0.00	25.14 -0.11 0.00	27.70 -0.12 0.00	21.98 -0.11 0.00	20.15 -0.27 0.00	22.25 -0.30 0.00	22.10 -0.35 0.00	22.00 -0.32 0.00
BROOME___LFGE 323600	38.99 -0.04 -12.62	28.52 -0.11 -5.41	27.83 -0.07 -6.45	26.73 -0.08 -5.13	24.40 -0.13 -2.42	30.26 -0.09 -4.10	31.84 -0.01 -1.60	29.08 -0.07 -0.48	24.13 -0.03 -0.76	21.79 0.00 -0.23	22.36 -0.08 0.00	22.75 -0.15 0.00	20.10 -0.19 0.00	19.36 -0.15 0.00	17.61 -0.13 0.00	19.01 -0.12 0.00	21.37 -0.18 0.00	25.14 -0.11 0.00	27.70 -0.12 0.00	21.98 -0.11 0.00	20.15 -0.27 0.00	22.25 -0.30 0.00	22.10 -0.35 0.00	22.00 -0.32 0.00
BROWNFLS_115KV_TB 3_5 80003	26.33 -0.08 0.00	23.30 0.08 0.00	21.69 0.24 0.00	22.02 0.34 0.00	22.40 0.30 0.00	26.52 0.28 0.00	30.56 0.31 0.00	28.80 0.13 0.00	23.31 -0.09 0.00	21.40 -0.16 0.00	22.30 -0.14 0.00	22.79 -0.10 0.00	20.09 -0.19 0.00	19.16 -0.35 0.00	17.31 -0.44 0.00	18.64 -0.50 0.00	20.99 -0.55 0.00	24.71 -0.54 0.00	27.10 -0.72 0.00	21.27 -0.82 0.00	19.59 -0.84 0.00	21.86 -0.69 0.00	21.86 -0.59 0.00	21.58 -0.74 0.00
BROWNSV1_27_KV_LOAD 356125	26.98 0.57 0.00	23.72 0.50 0.00	21.84 0.40 0.00	22.07 0.39 0.00	22.56 0.46 0.00	26.88 0.64 0.00	31.42 1.18 0.00	29.98 1.30 0.00	24.37 0.97 0.00	22.50 0.94 0.00	23.47 1.04 0.00	23.96 1.06 0.00	21.16 0.87 0.00	20.34 0.83 0.00	18.57 0.83 0.00	20.04 0.91 0.00	22.53 0.99 0.00	26.65 1.39 0.00	29.66 1.84 0.00	23.62 1.53 0.00	21.69 1.27 0.00	23.92 1.37 0.00	23.68 1.23 0.00	23.43 1.11 0.00
BURROWS___LYONSDAL 23803	26.39 -0.02 0.00	23.32 0.11 0.00	21.71 0.26 0.00	22.06 0.37 0.00	22.51 0.41 0.00	26.81 0.56 0.00	31.08 0.83 0.00	29.44 0.76 0.00	23.62 0.22 0.00	21.61 0.05 0.00	22.44 0.00 0.00	22.93 0.03 0.00	20.25 -0.04 0.00	19.41 -0.10 0.00	17.61 -0.13 0.00	18.97 -0.16 0.00	21.49 -0.06 0.00	25.45 0.20 0.00	27.97 0.15 0.00	21.93 -0.17 0.00	20.16 -0.27 0.00	22.27 -0.28 0.00	22.11 -0.34 0.00	21.87 -0.45 0.00
CAITHNESS_CC_1 323624	27.19 0.78 0.00	23.85 0.63 0.00	21.98 0.53 0.00	22.15 0.46 0.00	22.62 0.52 0.00	26.88 0.64 0.00	31.20 0.96 0.00	29.36 0.68 0.00	23.89 0.49 0.00	22.08 0.52 0.00	23.29 0.85 0.00	23.82 0.93 0.00	21.03 0.74 0.00	20.20 0.68 0.00	18.47 0.73 0.00	19.93 0.79 0.00	22.45 0.90 0.00	26.54 1.28 0.00	29.63 1.81 0.00	23.59 1.49 0.00	21.62 1.20 0.00	23.93 1.38 0.00	23.66 1.21 0.00	23.42 1.10 0.00
CALPINE BETH_PAGE_GT4 24209	27.28 0.86 0.00	23.94 0.72 0.00	22.03 0.58 0.00	22.24 0.55 0.00	22.72 0.62 0.00	27.04 0.80 0.00	31.50 1.26 0.00	29.85 1.18 0.00	24.24 0.84 0.00	22.35 0.79 0.00	23.47 1.03 0.00	23.99 1.09 0.00	21.20 0.91 0.00	20.35 0.83 0.00	18.60 0.85 0.00	20.09 0.96 0.00	22.64 1.09 0.00	26.77 1.52 0.00	29.87 2.05 0.00	23.76 1.67 0.00	21.81 1.38 0.00	24.10 1.55 0.00	23.84 1.39 0.00	23.58 1.26 0.00
CALPINE_BETH_PAGE_GT_4 323586	27.28 0.86 0.00	23.93 0.72 0.00	22.03 0.58 0.00	22.23 0.54 0.00	22.72 0.61 0.00	27.03 0.79 0.00	31.50 1.26 0.00	29.85 1.17 0.00	24.24 0.84 0.00	22.35 0.79 0.00	23.47 1.03 0.00	23.99 1.09 0.00	21.21 0.91 0.00	20.35 0.84 0.00	18.60 0.85 0.00	20.09 0.96 0.00	22.63 1.08 0.00	26.77 1.52 0.00	29.87 2.05 0.00	23.77 1.67 0.00	21.81 1.38 0.00	24.10 1.55 0.00	23.84 1.39 0.00	23.58 1.26 0.00
CALPINE_BP_GT1 23823	27.28 0.86 0.00	23.93 0.72 0.00	22.03 0.58 0.00	22.23 0.54 0.00	22.72 0.61 0.00	27.03 0.79 0.00	31.50 1.26 0.00	29.85 1.17 0.00	24.24 0.84 0.00	22.35 0.79 0.00	23.47 1.03 0.00	23.99 1.09 0.00	21.21 0.91 0.00	20.35 0.84 0.00	18.60 0.85 0.00	20.09 0.96 0.00	22.63 1.08 0.00	26.77 1.52 0.00	29.87 2.05 0.00	23.77 1.67 0.00	21.81 1.38 0.00	24.10 1.55 0.00	23.84 1.39 0.00	23.58 1.26 0.00
CALSPAN___DRP 24200	26.05 -0.36 0.00	22.37 -0.85 0.00	20.84 -0.61 0.00	20.96 -0.72 0.00	21.07 -1.03 0.00	25.07 -1.18 0.00	28.27 -1.98 0.00	26.89 -1.79 0.00	22.31 -1.09 0.00	20.58 -0.98 0.00	21.29 -1.15 0.00	21.78 -1.12 0.00	19.50 -0.79 0.00	18.91 -0.60 0.00	17.08 -0.67 0.00	18.40 -0.73 0.00	20.53 -1.02 0.00	23.77 -1.49 0.00	25.92 -1.90 0.00	20.37 -1.72 0.00	18.72 -1.70 0.00	20.58 -1.97 0.00	20.47 -1.98 0.00	20.52 -1.81 0.00

CALVERTON___SOLAR 323806	27.28 0.87 0.00	23.92 0.70 0.00	22.05 0.60 0.00	22.21 0.53 0.00	22.69 0.59 0.00	26.96 0.71 0.00	31.27 1.02 0.00	29.35 0.67 0.00	23.89 0.49 0.00	22.09 0.53 0.00	23.32 0.89 0.00	23.87 0.97 0.00	21.04 0.75 0.00	20.21 0.69 0.00	18.48 0.74 0.00	19.94 0.80 0.00	22.49 0.94 0.00	26.60 1.34 0.00	29.70 1.88 0.00	23.65 1.56 0.00	21.69 1.26 0.00	23.99 1.44 0.00	23.72 1.27 0.00	23.47 1.14 0.00
CANDIGU_WT_PWR 323617	47.92 -0.42 -21.92	32.14 -0.48 -9.40	32.13 -0.53 -11.21	30.02 -0.57 -8.90	25.56 -0.74 -4.20	32.52 -0.85 -7.13	32.03 -0.99 -2.78	29.50 -0.81 -1.63	24.16 -0.67 -1.43	21.51 -0.44 -0.40	21.94 -0.50 0.00	22.49 -0.41 0.00	19.84 -0.45 0.00	19.06 -0.45 0.00	17.24 -0.50 0.00	18.56 -0.57 0.00	20.69 -0.85 0.00	24.27 -0.98 0.00	26.64 -1.18 0.00	21.09 -1.00 0.00	19.14 -1.28 0.00	21.17 -1.38 0.00	21.10 -1.35 0.00	21.08 -1.24 0.00
CARR STREET_E_SYR 24060	26.01 -0.40 0.00	22.76 -0.46 0.00	21.07 -0.38 0.00	21.30 -0.39 0.00	21.67 -0.44 0.00	25.78 -0.47 0.00	29.76 -0.48 0.00	28.27 -0.41 0.00	23.01 -0.39 0.00	21.17 -0.38 0.00	21.98 -0.46 0.00	22.41 -0.49 0.00	19.90 -0.39 0.00	19.19 -0.33 0.00	17.45 -0.29 0.00	18.82 -0.31 0.00	21.18 -0.37 0.00	24.88 -0.38 0.00	27.43 -0.39 0.00	21.73 -0.36 0.00	20.00 -0.43 0.00	22.04 -0.51 0.00	21.87 -0.58 0.00	21.77 -0.56 0.00
CARTHAGE___PAPER 23857	25.93 -0.48 0.00	23.01 -0.20 0.00	21.54 0.10 0.00	21.97 0.28 0.00	22.43 0.33 0.00	26.70 0.46 0.00	30.95 0.70 0.00	29.15 0.48 0.00	23.30 -0.10 0.00	21.19 -0.37 0.00	21.96 -0.48 0.00	22.52 -0.37 0.00	19.82 -0.47 0.00	18.95 -0.56 0.00	17.13 -0.61 0.00	18.45 -0.68 0.00	20.92 -0.62 0.00	24.93 -0.33 0.00	27.46 -0.35 0.00	21.42 -0.67 0.00	19.62 -0.81 0.00	21.75 -0.80 0.00	21.59 -0.86 0.00	21.28 -1.04 0.00
CASSADAGA_WT_PWR 323784	-7.59 -0.52 33.49	7.73 -1.13 14.35	3.66 -0.66 17.12	7.29 -0.80 13.60	14.38 -1.31 6.41	14.18 -1.17 10.89	24.45 -1.56 4.24	25.15 -1.69 1.84	20.38 -0.93 2.09	20.27 -0.69 0.60	21.75 -0.69 0.00	22.24 -0.66 0.00	19.91 -0.38 0.00	19.41 -0.11 0.00	17.52 -0.23 0.00	18.81 -0.33 0.00	20.88 -0.67 0.00	24.24 -1.01 0.00	26.36 -1.46 0.00	20.49 -1.60 0.00	18.58 -1.85 0.00	20.48 -2.07 0.00	20.32 -2.13 0.00	20.72 -1.60 0.00
CE_DUNWOOD___DRP 24194	26.79 0.38 0.00	23.56 0.34 0.00	21.68 0.24 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.68 0.44 0.00	31.13 0.88 0.00	29.67 1.00 0.00	24.09 0.68 0.00	22.20 0.64 0.00	23.16 0.72 0.00	23.64 0.74 0.00	20.88 0.59 0.00	20.07 0.55 0.00	18.31 0.57 0.00	19.77 0.63 0.00	22.26 0.71 0.00	26.31 1.06 0.00	29.30 1.48 0.00	23.31 1.21 0.00	21.42 0.99 0.00	23.64 1.09 0.00	23.43 0.98 0.00	23.20 0.88 0.00
CE_MILLWOOD___DRP 24193	26.76 0.35 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.10 0.85 0.00	29.64 0.97 0.00	24.05 0.65 0.00	22.18 0.62 0.00	23.13 0.69 0.00	23.61 0.71 0.00	20.85 0.56 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.74 0.61 0.00	22.22 0.68 0.00	26.28 1.03 0.00	29.26 1.44 0.00	23.28 1.19 0.00	21.39 0.96 0.00	23.61 1.06 0.00	23.40 0.95 0.00	23.18 0.86 0.00
CE_NYC2_DRP 24202	26.73 0.31 0.00	23.52 0.31 0.00	21.66 0.22 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.16 0.92 0.00	29.72 1.04 0.00	24.17 0.76 0.00	22.30 0.74 0.00	23.26 0.83 0.00	23.74 0.84 0.00	20.97 0.68 0.00	20.16 0.65 0.00	18.41 0.67 0.00	19.85 0.72 0.00	22.33 0.79 0.00	26.41 1.16 0.00	29.38 1.56 0.00	23.39 1.30 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.02 0.00	23.22 0.91 0.00
CE_NYC_DRP 24195	26.74 0.32 0.00	23.52 0.30 0.00	21.66 0.22 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.14 0.89 0.00	29.71 1.03 0.00	24.16 0.75 0.00	22.29 0.73 0.00	23.25 0.82 0.00	23.75 0.84 0.00	20.97 0.68 0.00	20.16 0.64 0.00	18.41 0.66 0.00	19.86 0.73 0.00	22.33 0.78 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.39 1.30 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.02 0.00	23.22 0.90 0.00
CHAFFEE___LFGE 323603	-6.44 -0.26 32.58	8.55 -0.70 13.97	4.27 -0.51 16.66	7.84 -0.62 13.23	14.99 -0.87 6.24	14.64 -1.01 10.60	24.32 -1.80 4.12	25.28 -1.61 1.79	20.43 -0.94 2.03	20.13 -0.85 0.59	21.42 -1.02 0.00	21.91 -0.99 0.00	19.58 -0.71 0.00	19.01 -0.51 0.00	17.15 -0.59 0.00	18.49 -0.64 0.00	20.63 -0.91 0.00	23.91 -1.34 0.00	26.09 -1.73 0.00	20.51 -1.58 0.00	18.85 -1.58 0.00	20.74 -1.82 0.00	20.61 -1.84 0.00	20.65 -1.67 0.00
CHATEAUG_35_KV_LOAD 355732	27.45 1.04 0.00	24.29 1.07 0.00	22.47 1.02 0.00	22.74 1.05 0.00	23.11 1.00 0.00	27.25 1.01 0.00	31.17 0.92 0.00	29.31 0.63 0.00	24.14 0.73 0.00	22.31 0.76 0.00	23.15 0.72 0.00	23.55 0.65 0.00	20.78 0.49 0.00	19.92 0.40 0.00	18.00 0.26 0.00	19.36 0.23 0.00	21.80 0.26 0.00	25.41 0.15 0.00	27.44 -0.38 0.00	21.68 -0.41 0.00	20.01 -0.42 0.00	22.29 -0.26 0.00	22.70 0.25 0.00	22.89 0.57 0.00
CHATEAUG_WT_PWR 323614	27.37 0.95 0.00	24.22 1.00 0.00	22.41 0.97 0.00	22.69 1.01 0.00	23.06 0.96 0.00	27.18 0.94 0.00	31.08 0.84 0.00	29.22 0.55 0.00	24.07 0.66 0.00	22.24 0.68 0.00	23.07 0.63 0.00	23.46 0.56 0.00	20.72 0.42 0.00	19.85 0.34 0.00	17.96 0.22 0.00	19.32 0.18 0.00	21.75 0.20 0.00	25.33 0.07 0.00	27.36 -0.46 0.00	21.60 -0.49 0.00	19.92 -0.51 0.00	22.19 -0.36 0.00	22.63 0.18 0.00	22.84 0.52 0.00
CHAT_HIGH_FALL_HYD 323578	27.45 1.04 0.00	24.29 1.07 0.00	22.47 1.02 0.00	22.74 1.05 0.00	23.11 1.00 0.00	27.25 1.01 0.00	31.17 0.92 0.00	29.31 0.63 0.00	24.14 0.73 0.00	22.31 0.76 0.00	23.15 0.72 0.00	23.55 0.65 0.00	20.78 0.49 0.00	19.92 0.40 0.00	18.00 0.26 0.00	19.36 0.23 0.00	21.80 0.26 0.00	25.41 0.15 0.00	27.44 -0.38 0.00	21.68 -0.41 0.00	20.01 -0.42 0.00	22.29 -0.26 0.00	22.70 0.25 0.00	22.89 0.57 0.00
CHAUTAUQUA___LFGE 323629	-7.36 -0.66 33.11	7.95 -1.07 14.19	3.72 -0.79 16.93	7.34 -0.90 13.44	14.52 -1.24 6.34	14.19 -1.28 10.77	24.16 -1.89 4.19	25.11 -1.74 1.82	20.27 -1.07 2.07	20.10 -0.86 0.60	21.46 -0.98 0.00	21.94 -0.96 0.00	19.60 -0.69 0.00	19.06 -0.45 0.00	17.24 -0.50 0.00	18.56 -0.57 0.00	20.66 -0.89 0.00	24.00 -1.25 0.00	26.16 -1.66 0.00	20.49 -1.60 0.00	18.64 -1.79 0.00	20.55 -2.01 0.00	20.40 -2.06 0.00	20.53 -1.79 0.00
CHERRYST_13_KV_LD 356241	26.81 0.39 0.00	23.58 0.37 0.00	21.72 0.27 0.00	21.95 0.26 0.00	22.43 0.33 0.00	26.72 0.48 0.00	31.23 0.98 0.00	29.79 1.12 0.00	24.23 0.83 0.00	22.36 0.80 0.00	23.34 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.23 0.71 0.00	18.46 0.72 0.00	19.92 0.79 0.00	22.39 0.85 0.00	26.47 1.22 0.00	29.47 1.65 0.00	23.45 1.36 0.00	21.54 1.11 0.00	23.75 1.20 0.00	23.52 1.07 0.00	23.28 0.96 0.00

CHESTROR_138KV_BK263 355645	26.67 0.25 0.00	23.45 0.24 0.00	21.60 0.16 0.00	21.85 0.16 0.00	22.33 0.22 0.00	26.57 0.32 0.00	30.94 0.70 0.00	29.47 0.79 0.00	23.89 0.49 0.00	22.01 0.45 0.00	22.93 0.50 0.00	23.39 0.49 0.00	20.67 0.38 0.00	19.87 0.35 0.00	18.11 0.36 0.00	19.56 0.43 0.00	22.05 0.50 0.00	26.07 0.82 0.00	29.01 1.19 0.00	23.06 0.97 0.00	21.21 0.78 0.00	23.40 0.85 0.00	23.22 0.77 0.00	23.01 0.69 0.00
CH_MIDHUDSON___DRP 24192	26.82 0.40 0.00	23.59 0.37 0.00	21.72 0.27 0.00	21.96 0.28 0.00	22.45 0.35 0.00	26.74 0.50 0.00	31.19 0.94 0.00	29.72 1.04 0.00	24.04 0.64 0.00	22.08 0.52 0.00	22.99 0.56 0.00	23.46 0.56 0.00	20.72 0.43 0.00	19.93 0.41 0.00	18.16 0.42 0.00	19.62 0.49 0.00	22.15 0.60 0.00	26.20 0.95 0.00	29.18 1.36 0.00	23.20 1.11 0.00	21.37 0.94 0.00	23.56 1.01 0.00	23.36 0.91 0.00	23.14 0.82 0.00
CH_MISC_IPPS 23765	26.97 0.56 0.00	23.72 0.50 0.00	21.85 0.40 0.00	22.08 0.39 0.00	22.57 0.47 0.00	26.89 0.65 0.00	31.37 1.12 0.00	29.89 1.21 0.00	24.18 0.78 0.00	22.23 0.67 0.00	23.15 0.71 0.00	23.60 0.70 0.00	20.85 0.55 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.75 0.62 0.00	22.30 0.75 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.36 1.27 0.00	21.50 1.07 0.00	23.70 1.15 0.00	23.50 1.05 0.00	23.28 0.96 0.00
CH_RES_BVR_FALLS 23983	26.35 -0.07 0.00	23.33 0.11 0.00	21.61 0.16 0.00	21.88 0.19 0.00	22.28 0.17 0.00	26.38 0.14 0.00	30.28 0.03 0.00	28.63 -0.05 0.00	23.48 0.08 0.00	21.68 0.12 0.00	22.60 0.16 0.00	23.06 0.17 0.00	20.43 0.14 0.00	19.61 0.10 0.00	17.80 0.05 0.00	19.18 0.05 0.00	21.55 0.00 0.00	25.11 -0.14 0.00	27.36 -0.46 0.00	21.65 -0.45 0.00	19.99 -0.44 0.00	22.01 -0.54 0.00	22.04 -0.41 0.00	21.90 -0.42 0.00
CH_RES_NIAGARA 23895	-1.87 -1.21 27.08	10.12 -1.49 11.61	6.35 -1.25 13.85	9.34 -1.35 11.00	15.31 -1.60 5.19	15.48 -1.96 8.80	23.82 -3.00 3.43	24.15 -3.04 1.49	19.67 -2.04 1.69	19.14 -1.93 0.49	20.27 -2.17 0.00	20.70 -2.20 0.00	18.57 -1.73 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.56 -1.99 0.00	22.61 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
CH_RES_SYRACUSE 23985	26.20 -0.21 0.00	22.93 -0.28 0.00	21.23 -0.22 0.00	21.47 -0.22 0.00	21.84 -0.26 0.00	25.98 -0.26 0.00	30.01 -0.24 0.00	28.49 -0.18 0.00	23.19 -0.21 0.00	21.33 -0.23 0.00	22.13 -0.31 0.00	22.57 -0.33 0.00	20.05 -0.24 0.00	19.32 -0.20 0.00	17.56 -0.19 0.00	18.94 -0.19 0.00	21.35 -0.20 0.00	25.08 -0.18 0.00	27.66 -0.16 0.00	21.92 -0.18 0.00	20.17 -0.26 0.00	22.20 -0.35 0.00	22.06 -0.40 0.00	21.94 -0.38 0.00
CLINTON_WT_PWR 323605	27.37 0.95 0.00	24.22 1.00 0.00	22.41 0.97 0.00	22.69 1.01 0.00	23.06 0.96 0.00	27.18 0.94 0.00	31.08 0.84 0.00	29.22 0.55 0.00	24.07 0.66 0.00	22.24 0.68 0.00	23.07 0.63 0.00	23.46 0.56 0.00	20.72 0.42 0.00	19.85 0.34 0.00	17.96 0.22 0.00	19.32 0.18 0.00	21.75 0.20 0.00	25.33 0.07 0.00	27.36 -0.46 0.00	21.60 -0.49 0.00	19.92 -0.51 0.00	22.19 -0.36 0.00	22.63 0.18 0.00	22.84 0.52 0.00
CLINTON___LFGE 323618	27.76 1.35 0.00	24.55 1.33 0.00	22.72 1.28 0.00	23.01 1.32 0.00	23.38 1.28 0.00	27.55 1.31 0.00	31.57 1.32 0.00	29.65 0.98 0.00	24.37 0.97 0.00	22.48 0.92 0.00	23.29 0.86 0.00	23.66 0.76 0.00	20.90 0.62 0.00	20.04 0.53 0.00	18.15 0.41 0.00	19.51 0.38 0.00	22.01 0.46 0.00	25.68 0.42 0.00	27.78 -0.04 0.00	21.92 -0.17 0.00	20.21 -0.22 0.00	22.52 -0.03 0.00	22.93 0.48 0.00	23.13 0.81 0.00
COBBLENY_34_KV_TB1 80064	26.19 -0.23 0.00	22.48 -0.74 0.00	20.95 -0.50 0.00	21.07 -0.61 0.00	21.19 -0.91 0.00	25.21 -1.04 0.00	28.43 -1.82 0.00	27.07 -1.61 0.00	22.44 -0.96 0.00	20.70 -0.86 0.00	21.42 -1.02 0.00	21.90 -1.00 0.00	19.60 -0.70 0.00	19.01 -0.51 0.00	17.16 -0.59 0.00	18.49 -0.64 0.00	20.63 -0.91 0.00	23.91 -1.34 0.00	26.09 -1.73 0.00	20.51 -1.58 0.00	18.85 -1.58 0.00	20.73 -1.82 0.00	20.61 -1.84 0.00	20.64 -1.68 0.00
COFFEEN___115KV_TB3 355620	25.66 -0.76 0.00	22.75 -0.46 0.00	21.32 -0.13 0.00	21.76 0.07 0.00	22.23 0.12 0.00	26.50 0.26 0.00	30.79 0.54 0.00	29.01 0.34 0.00	23.05 -0.35 0.00	20.88 -0.68 0.00	21.56 -0.88 0.00	22.07 -0.83 0.00	19.46 -0.83 0.00	18.62 -0.89 0.00	16.87 -0.88 0.00	18.16 -0.97 0.00	20.58 -0.97 0.00	24.65 -0.60 0.00	27.39 -0.43 0.00	21.38 -0.71 0.00	19.55 -0.88 0.00	21.64 -0.91 0.00	21.42 -1.03 0.00	21.08 -1.24 0.00
COLDSPRG_115KV_BK1 355956	26.85 0.44 0.00	22.98 -0.23 0.00	21.54 0.09 0.00	21.66 -0.03 0.00	21.68 -0.43 0.00	25.89 -0.35 0.00	29.52 -0.72 0.00	28.06 -0.62 0.00	23.26 -0.14 0.00	21.56 0.00 0.00	22.38 -0.06 0.00	22.96 0.05 0.00	20.50 0.21 0.00	19.89 0.37 0.00	17.95 0.21 0.00	19.34 0.21 0.00	21.46 -0.09 0.00	24.88 -0.37 0.00	27.14 -0.68 0.00	21.29 -0.80 0.00	19.39 -1.04 0.00	21.40 -1.15 0.00	21.33 -1.12 0.00	21.50 -0.82 0.00
COLONIE_LFGE___ 323577	26.69 0.27 0.00	23.52 0.31 0.00	21.67 0.23 0.00	21.94 0.25 0.00	22.43 0.33 0.00	26.69 0.44 0.00	31.03 0.79 0.00	29.49 0.82 0.00	23.73 0.33 0.00	21.66 0.10 0.00	22.59 0.15 0.00	23.09 0.19 0.00	20.42 0.12 0.00	19.66 0.14 0.00	17.90 0.16 0.00	19.31 0.18 0.00	21.89 0.34 0.00	25.79 0.54 0.00	28.68 0.86 0.00	22.75 0.65 0.00	21.05 0.62 0.00	23.19 0.64 0.00	23.05 0.60 0.00	22.88 0.56 0.00
COOPERNY_115KV_TB1 80082	26.57 0.15 0.00	23.37 0.15 0.00	21.54 0.09 0.00	21.79 0.10 0.00	22.24 0.14 0.00	26.45 0.20 0.00	30.74 0.50 0.00	29.24 0.57 0.00	23.74 0.34 0.00	21.87 0.31 0.00	22.78 0.34 0.00	23.24 0.34 0.00	20.55 0.25 0.00	19.75 0.24 0.00	18.00 0.25 0.00	19.43 0.30 0.00	21.89 0.34 0.00	25.84 0.59 0.00	28.67 0.85 0.00	22.79 0.70 0.00	20.97 0.54 0.00	23.14 0.59 0.00	22.99 0.53 0.00	22.80 0.48 0.00
COPENHAGEN_WT_PWR 323753	25.29 -1.13 0.00	22.50 -0.72 0.00	21.13 -0.32 0.00	21.61 -0.08 0.00	22.08 -0.02 0.00	26.32 0.07 0.00	30.53 0.28 0.00	28.79 0.12 0.00	22.99 -0.41 0.00	20.91 -0.65 0.00	21.62 -0.82 0.00	22.12 -0.78 0.00	19.51 -0.79 0.00	18.67 -0.85 0.00	16.91 -0.84 0.00	18.19 -0.95 0.00	20.61 -0.94 0.00	24.58 -0.67 0.00	27.10 -0.71 0.00	21.06 -1.03 0.00	19.22 -1.21 0.00	21.31 -1.24 0.00	21.09 -1.36 0.00	20.75 -1.57 0.00
CORNELL_____ 23752	26.72 0.31 0.00	23.40 0.18 0.00	21.65 0.20 0.00	21.90 0.21 0.00	22.28 0.18 0.00	26.53 0.28 0.00	30.72 0.48 0.00	29.14 0.46 0.00	23.61 0.21 0.00	21.65 0.09 0.00	22.39 -0.04 0.00	22.80 -0.10 0.00	20.20 -0.09 0.00	19.46 -0.06 0.00	17.67 -0.07 0.00	19.10 -0.03 0.00	21.58 0.03 0.00	25.53 0.28 0.00	28.18 0.37 0.00	22.33 0.24 0.00	20.50 0.07 0.00	22.57 0.01 0.00	22.40 -0.05 0.00	22.29 -0.03 0.00

CORONA_69_KV_TB1 355595	27.24 0.82 0.00	23.91 0.70 0.00	22.01 0.56 0.00	22.22 0.53 0.00	22.71 0.61 0.00	27.02 0.77 0.00	31.48 1.23 0.00	29.86 1.18 0.00	24.23 0.83 0.00	22.34 0.78 0.00	23.47 1.03 0.00	23.99 1.10 0.00	21.20 0.90 0.00	20.36 0.85 0.00	18.60 0.85 0.00	20.10 0.96 0.00	22.62 1.08 0.00	26.76 1.50 0.00	29.82 2.00 0.00	23.73 1.64 0.00	21.80 1.37 0.00	24.08 1.53 0.00	23.84 1.38 0.00	23.58 1.26 0.00
CORTLAND_115KV_TB3 80093	26.48 0.07 0.00	23.20 -0.02 0.00	21.46 0.01 0.00	21.70 0.01 0.00	22.08 -0.02 0.00	26.30 0.06 0.00	30.45 0.20 0.00	28.89 0.21 0.00	23.44 0.03 0.00	21.52 -0.04 0.00	22.31 -0.13 0.00	22.74 -0.16 0.00	20.14 -0.15 0.00	19.40 -0.11 0.00	17.64 -0.10 0.00	19.04 -0.09 0.00	21.46 -0.08 0.00	25.34 0.09 0.00	27.98 0.16 0.00	22.18 0.08 0.00	20.36 -0.07 0.00	22.45 -0.10 0.00	22.28 -0.17 0.00	22.15 -0.17 0.00
COXSACKIE___GT 23611	28.10 1.69 0.00	24.71 1.50 0.00	22.81 1.37 0.00	23.09 1.40 0.00	23.61 1.50 0.00	28.17 1.93 0.00	32.80 2.56 0.00	31.11 2.44 0.00	24.71 1.31 0.00	22.29 0.73 0.00	23.12 0.68 0.00	23.60 0.70 0.00	20.88 0.59 0.00	20.11 0.60 0.00	18.31 0.57 0.00	19.89 0.76 0.00	22.73 1.18 0.00	27.06 1.81 0.00	30.33 2.50 0.00	23.99 1.90 0.00	22.15 1.72 0.00	24.37 1.81 0.00	24.18 1.73 0.00	23.97 1.65 0.00
CPV_VALLEY___CC1 323721	26.50 0.09 0.00	23.31 0.09 0.00	21.49 0.04 0.00	21.72 0.03 0.00	22.19 0.09 0.00	26.39 0.15 0.00	30.72 0.48 0.00	29.25 0.58 0.00	23.74 0.34 0.00	21.88 0.32 0.00	22.80 0.37 0.00	23.26 0.36 0.00	20.56 0.27 0.00	19.77 0.25 0.00	18.01 0.27 0.00	19.45 0.32 0.00	21.90 0.36 0.00	25.88 0.62 0.00	28.77 0.95 0.00	22.88 0.79 0.00	21.04 0.61 0.00	23.22 0.67 0.00	23.05 0.60 0.00	22.85 0.53 0.00
CPV_VALLEY___CC2 323722	26.50 0.09 0.00	23.31 0.09 0.00	21.49 0.04 0.00	21.72 0.03 0.00	22.19 0.09 0.00	26.39 0.15 0.00	30.72 0.48 0.00	29.25 0.58 0.00	23.74 0.34 0.00	21.88 0.32 0.00	22.80 0.37 0.00	23.26 0.36 0.00	20.56 0.27 0.00	19.77 0.25 0.00	18.01 0.27 0.00	19.45 0.32 0.00	21.90 0.36 0.00	25.88 0.62 0.00	28.77 0.95 0.00	22.88 0.79 0.00	21.04 0.61 0.00	23.22 0.67 0.00	23.05 0.60 0.00	22.85 0.53 0.00
CRESCENT___HYD 24018	26.69 0.27 0.00	23.52 0.31 0.00	21.67 0.23 0.00	21.94 0.25 0.00	22.43 0.33 0.00	26.69 0.44 0.00	31.03 0.79 0.00	29.49 0.82 0.00	23.73 0.33 0.00	21.66 0.10 0.00	22.59 0.15 0.00	23.09 0.19 0.00	20.42 0.12 0.00	19.66 0.14 0.00	17.90 0.16 0.00	19.31 0.18 0.00	21.89 0.34 0.00	25.79 0.54 0.00	28.68 0.86 0.00	22.75 0.65 0.00	21.05 0.62 0.00	23.19 0.64 0.00	23.05 0.60 0.00	22.88 0.56 0.00
CRICKET___VALLEY_CC1 323756	26.52 0.11 0.00	23.35 0.13 0.00	21.50 0.05 0.00	21.73 0.04 0.00	22.22 0.11 0.00	26.48 0.23 0.00	30.91 0.66 0.00	29.48 0.81 0.00	23.80 0.40 0.00	21.81 0.25 0.00	22.69 0.26 0.00	23.14 0.24 0.00	20.45 0.15 0.00	19.66 0.14 0.00	17.92 0.17 0.00	19.33 0.20 0.00	21.85 0.30 0.00	25.87 0.61 0.00	28.85 1.03 0.00	22.94 0.84 0.00	21.17 0.75 0.00	23.33 0.78 0.00	23.15 0.70 0.00	22.94 0.62 0.00
CRICKET___VALLEY_CC2 323757	26.52 0.11 0.00	23.35 0.13 0.00	21.50 0.05 0.00	21.73 0.04 0.00	22.22 0.11 0.00	26.48 0.23 0.00	30.91 0.66 0.00	29.48 0.81 0.00	23.80 0.40 0.00	21.81 0.25 0.00	22.69 0.26 0.00	23.14 0.24 0.00	20.45 0.15 0.00	19.66 0.14 0.00	17.92 0.17 0.00	19.33 0.20 0.00	21.85 0.30 0.00	25.87 0.61 0.00	28.85 1.03 0.00	22.94 0.84 0.00	21.17 0.75 0.00	23.33 0.78 0.00	23.15 0.70 0.00	22.94 0.62 0.00
CRICKET___VALLEY_CC3 323758	26.52 0.11 0.00	23.35 0.13 0.00	21.50 0.05 0.00	21.73 0.04 0.00	22.22 0.11 0.00	26.48 0.23 0.00	30.91 0.66 0.00	29.48 0.81 0.00	23.80 0.40 0.00	21.81 0.25 0.00	22.69 0.26 0.00	23.14 0.24 0.00	20.45 0.15 0.00	19.66 0.14 0.00	17.92 0.17 0.00	19.33 0.20 0.00	21.85 0.30 0.00	25.87 0.61 0.00	28.85 1.03 0.00	22.94 0.84 0.00	21.17 0.75 0.00	23.33 0.78 0.00	23.15 0.70 0.00	22.94 0.62 0.00
CRUCIBLE_METL_DRP 24180	26.20 -0.21 0.00	22.93 -0.29 0.00	21.23 -0.22 0.00	21.47 -0.22 0.00	21.84 -0.27 0.00	25.98 -0.26 0.00	30.01 -0.24 0.00	28.50 -0.18 0.00	23.19 -0.21 0.00	21.33 -0.23 0.00	22.13 -0.31 0.00	22.57 -0.33 0.00	20.05 -0.25 0.00	19.32 -0.20 0.00	17.56 -0.19 0.00	18.94 -0.19 0.00	21.35 -0.20 0.00	25.08 -0.18 0.00	27.66 -0.16 0.00	21.92 -0.17 0.00	20.17 -0.26 0.00	22.20 -0.35 0.00	22.06 -0.40 0.00	21.94 -0.38 0.00
DAHOWA___HYDRO 323763	27.12 0.71 0.00	23.87 0.65 0.00	21.99 0.55 0.00	22.27 0.58 0.00	22.77 0.67 0.00	27.12 0.87 0.00	31.58 1.33 0.00	29.96 1.29 0.00	24.04 0.64 0.00	21.85 0.29 0.00	22.78 0.34 0.00	23.28 0.38 0.00	20.57 0.27 0.00	19.75 0.24 0.00	18.02 0.28 0.00	19.50 0.37 0.00	22.16 0.61 0.00	26.24 0.99 0.00	29.16 1.34 0.00	23.11 1.02 0.00	21.37 0.94 0.00	23.49 0.94 0.00	23.30 0.85 0.00	23.09 0.77 0.00
DANC___LFGE 323619	25.45 -0.97 0.00	22.49 -0.72 0.00	21.00 -0.45 0.00	21.38 -0.31 0.00	21.80 -0.30 0.00	25.98 -0.26 0.00	30.09 -0.16 0.00	28.45 -0.23 0.00	22.86 -0.53 0.00	20.88 -0.67 0.00	21.62 -0.82 0.00	22.09 -0.81 0.00	19.53 -0.76 0.00	18.74 -0.77 0.00	17.00 -0.74 0.00	18.31 -0.82 0.00	20.70 -0.84 0.00	24.57 -0.69 0.00	27.11 -0.71 0.00	21.24 -0.86 0.00	19.45 -0.98 0.00	21.50 -1.05 0.00	21.31 -1.14 0.00	21.05 -1.27 0.00
DANSKAMMER___1 23586	26.97 0.56 0.00	23.72 0.50 0.00	21.85 0.40 0.00	22.08 0.39 0.00	22.57 0.47 0.00	26.89 0.65 0.00	31.37 1.12 0.00	29.89 1.21 0.00	24.18 0.78 0.00	22.23 0.67 0.00	23.15 0.71 0.00	23.60 0.70 0.00	20.85 0.55 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.75 0.62 0.00	22.30 0.75 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.36 1.27 0.00	21.50 1.07 0.00	23.70 1.15 0.00	23.50 1.05 0.00	23.28 0.96 0.00
DANSKAMMER___2 23589	26.97 0.56 0.00	23.72 0.50 0.00	21.85 0.40 0.00	22.08 0.39 0.00	22.57 0.47 0.00	26.89 0.65 0.00	31.37 1.12 0.00	29.89 1.21 0.00	24.18 0.78 0.00	22.23 0.67 0.00	23.15 0.71 0.00	23.60 0.70 0.00	20.85 0.55 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.75 0.62 0.00	22.30 0.75 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.36 1.27 0.00	21.50 1.07 0.00	23.70 1.15 0.00	23.50 1.05 0.00	23.28 0.96 0.00
DANSKAMMER___3 23590	26.97 0.56 0.00	23.72 0.50 0.00	21.85 0.40 0.00	22.08 0.39 0.00	22.57 0.47 0.00	26.89 0.65 0.00	31.37 1.12 0.00	29.89 1.21 0.00	24.18 0.78 0.00	22.23 0.67 0.00	23.15 0.71 0.00	23.60 0.70 0.00	20.85 0.55 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.75 0.62 0.00	22.30 0.75 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.36 1.27 0.00	21.50 1.07 0.00	23.70 1.15 0.00	23.50 1.05 0.00	23.28 0.96 0.00

DANSKAMMER___4 23591	26.97 0.56 0.00	23.72 0.50 0.00	21.85 0.40 0.00	22.08 0.39 0.00	22.57 0.47 0.00	26.89 0.65 0.00	31.37 1.12 0.00	29.89 1.21 0.00	24.18 0.78 0.00	22.23 0.67 0.00	23.15 0.71 0.00	23.60 0.70 0.00	20.85 0.55 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.75 0.62 0.00	22.30 0.75 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.36 1.27 0.00	21.50 1.07 0.00	23.70 1.15 0.00	23.50 1.05 0.00	23.28 0.96 0.00
DANSKAMMER___DIESEL 23592	26.97 0.56 0.00	23.72 0.50 0.00	21.84 0.40 0.00	22.09 0.40 0.00	22.58 0.47 0.00	26.90 0.66 0.00	31.37 1.12 0.00	29.89 1.21 0.00	24.18 0.78 0.00	22.23 0.67 0.00	23.15 0.71 0.00	23.60 0.70 0.00	20.85 0.56 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.75 0.62 0.00	22.30 0.75 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.36 1.27 0.00	21.50 1.07 0.00	23.70 1.15 0.00	23.50 1.05 0.00	23.28 0.96 0.00
DARBY___SOLAR 323810	27.08 0.66 0.00	23.82 0.61 0.00	21.96 0.52 0.00	22.23 0.54 0.00	22.73 0.63 0.00	27.05 0.81 0.00	31.49 1.25 0.00	29.88 1.20 0.00	23.99 0.58 0.00	21.82 0.27 0.00	22.74 0.30 0.00	23.23 0.33 0.00	20.54 0.24 0.00	19.73 0.21 0.00	18.00 0.26 0.00	19.47 0.34 0.00	22.13 0.58 0.00	26.19 0.94 0.00	29.09 1.27 0.00	23.07 0.97 0.00	21.32 0.90 0.00	23.45 0.90 0.00	23.28 0.83 0.00	23.07 0.75 0.00
DASHVILLE___HYD 23610	26.65 0.23 0.00	23.43 0.21 0.00	21.57 0.13 0.00	21.82 0.13 0.00	22.30 0.19 0.00	26.56 0.32 0.00	30.99 0.74 0.00	29.54 0.87 0.00	23.93 0.53 0.00	22.01 0.45 0.00	22.91 0.47 0.00	23.35 0.46 0.00	20.63 0.34 0.00	19.82 0.30 0.00	18.06 0.32 0.00	19.46 0.33 0.00	21.92 0.37 0.00	25.95 0.70 0.00	28.93 1.11 0.00	23.01 0.92 0.00	21.17 0.74 0.00	23.35 0.80 0.00	23.15 0.70 0.00	22.93 0.61 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	27.47 1.05 0.00	24.09 0.87 0.00	22.19 0.74 0.00	22.37 0.68 0.00	22.87 0.76 0.00	27.18 0.94 0.00	31.53 1.28 0.00	29.55 0.87 0.00	24.03 0.63 0.00	22.20 0.65 0.00	23.45 1.01 0.00	23.99 1.09 0.00	21.13 0.84 0.00	20.29 0.77 0.00	18.57 0.83 0.00	20.05 0.92 0.00	22.63 1.08 0.00	26.83 1.58 0.00	30.06 2.24 0.00	23.96 1.87 0.00	21.97 1.54 0.00	24.30 1.75 0.00	24.03 1.58 0.00	23.78 1.46 0.00
DELAWARE___LFGE 323621	26.76 0.35 0.00	23.52 0.30 0.00	21.72 0.27 0.00	21.98 0.29 0.00	22.41 0.31 0.00	26.67 0.42 0.00	30.92 0.68 0.00	29.34 0.67 0.00	23.85 0.44 0.00	21.96 0.40 0.00	22.82 0.39 0.00	23.28 0.38 0.00	20.60 0.31 0.00	19.81 0.29 0.00	18.04 0.30 0.00	19.45 0.32 0.00	21.93 0.38 0.00	25.83 0.57 0.00	28.52 0.70 0.00	22.62 0.52 0.00	20.83 0.40 0.00	22.96 0.41 0.00	22.82 0.37 0.00	22.69 0.37 0.00
DERFIELD_115KV_TB7 355931	26.35 -0.07 0.00	23.17 -0.05 0.00	21.40 -0.05 0.00	21.65 -0.04 0.00	22.08 -0.02 0.00	26.25 0.00 0.00	30.34 0.10 0.00	28.79 0.11 0.00	23.41 0.01 0.00	21.53 -0.03 0.00	22.41 -0.03 0.00	22.87 -0.02 0.00	20.25 -0.04 0.00	19.49 -0.03 0.00	17.73 -0.02 0.00	19.12 -0.01 0.00	21.56 0.01 0.00	25.33 0.08 0.00	27.98 0.16 0.00	22.20 0.11 0.00	20.51 0.08 0.00	22.62 0.07 0.00	22.49 0.03 0.00	22.34 0.02 0.00
DOGLEVILLE___HYD 23807	25.84 -0.58 0.00	22.67 -0.54 0.00	20.87 -0.58 0.00	21.16 -0.53 0.00	21.72 -0.38 0.00	25.94 -0.30 0.00	30.42 0.17 0.00	28.93 0.26 0.00	23.09 -0.31 0.00	20.95 -0.60 0.00	21.83 -0.61 0.00	22.23 -0.67 0.00	19.62 -0.67 0.00	18.85 -0.67 0.00	17.23 -0.52 0.00	18.58 -0.55 0.00	21.14 -0.40 0.00	25.04 -0.21 0.00	27.94 0.13 0.00	22.12 0.02 0.00	20.42 -0.01 0.00	22.51 -0.04 0.00	22.29 -0.17 0.00	22.08 -0.24 0.00
DUNKIRK___115KV_TB_200 55889	25.81 -0.60 0.00	22.13 -1.09 0.00	20.68 -0.76 0.00	20.80 -0.89 0.00	20.85 -1.25 0.00	24.94 -1.31 0.00	28.32 -1.92 0.00	26.92 -1.75 0.00	22.32 -1.09 0.00	20.68 -0.89 0.00	21.43 -1.01 0.00	21.91 -0.99 0.00	19.58 -0.71 0.00	19.03 -0.49 0.00	17.21 -0.53 0.00	18.53 -0.60 0.00	20.62 -0.92 0.00	23.97 -1.29 0.00	26.13 -1.69 0.00	20.50 -1.60 0.00	18.66 -1.77 0.00	20.57 -1.98 0.00	20.42 -2.03 0.00	20.53 -1.79 0.00
DUNKIRK___1 23563	25.81 -0.60 0.00	22.13 -1.09 0.00	20.68 -0.76 0.00	20.80 -0.89 0.00	20.85 -1.25 0.00	24.94 -1.31 0.00	28.32 -1.92 0.00	26.92 -1.75 0.00	22.32 -1.09 0.00	20.68 -0.89 0.00	21.43 -1.01 0.00	21.91 -0.99 0.00	19.58 -0.71 0.00	19.03 -0.49 0.00	17.21 -0.53 0.00	18.53 -0.60 0.00	20.62 -0.92 0.00	23.97 -1.29 0.00	26.13 -1.69 0.00	20.50 -1.60 0.00	18.66 -1.77 0.00	20.57 -1.98 0.00	20.42 -2.03 0.00	20.53 -1.79 0.00
DUNKIRK___2 23564	25.81 -0.60 0.00	22.13 -1.09 0.00	20.68 -0.76 0.00	20.80 -0.89 0.00	20.85 -1.25 0.00	24.94 -1.31 0.00	28.32 -1.92 0.00	26.92 -1.75 0.00	22.32 -1.09 0.00	20.68 -0.89 0.00	21.43 -1.01 0.00	21.91 -0.99 0.00	19.58 -0.71 0.00	19.03 -0.49 0.00	17.21 -0.53 0.00	18.53 -0.60 0.00	20.62 -0.92 0.00	23.97 -1.29 0.00	26.13 -1.69 0.00	20.50 -1.60 0.00	18.66 -1.77 0.00	20.57 -1.98 0.00	20.42 -2.03 0.00	20.53 -1.79 0.00
DUNKIRK___3 23565	25.86 -0.55 0.00	22.20 -1.01 0.00	20.72 -0.72 0.00	20.85 -0.84 0.00	20.92 -1.18 0.00	24.96 -1.29 0.00	28.29 -1.96 0.00	26.91 -1.76 0.00	22.29 -1.11 0.00	20.64 -0.92 0.00	21.37 -1.07 0.00	21.87 -1.03 0.00	19.55 -0.74 0.00	18.97 -0.54 0.00	17.16 -0.58 0.00	18.49 -0.65 0.00	20.58 -0.97 0.00	23.90 -1.35 0.00	26.06 -1.76 0.00	20.48 -1.61 0.00	18.69 -1.74 0.00	20.60 -1.95 0.00	20.48 -1.97 0.00	20.55 -1.77 0.00
DUNKIRK___4 23566	25.86 -0.55 0.00	22.20 -1.01 0.00	20.72 -0.72 0.00	20.85 -0.84 0.00	20.92 -1.18 0.00	24.96 -1.29 0.00	28.29 -1.96 0.00	26.91 -1.76 0.00	22.29 -1.11 0.00	20.64 -0.92 0.00	21.37 -1.07 0.00	21.87 -1.03 0.00	19.55 -0.74 0.00	18.97 -0.54 0.00	17.16 -0.58 0.00	18.49 -0.65 0.00	20.58 -0.97 0.00	23.90 -1.35 0.00	26.06 -1.76 0.00	20.48 -1.61 0.00	18.69 -1.74 0.00	20.60 -1.95 0.00	20.48 -1.97 0.00	20.55 -1.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.82 0.41 0.00	23.58 0.37 0.00	21.70 0.25 0.00	21.93 0.25 0.00	22.42 0.32 0.00	26.70 0.45 0.00	31.16 0.91 0.00	29.70 1.02 0.00	24.11 0.71 0.00	22.23 0.67 0.00	23.19 0.75 0.00	23.67 0.77 0.00	20.91 0.62 0.00	20.10 0.58 0.00	18.34 0.60 0.00	19.79 0.66 0.00	22.28 0.74 0.00	26.34 1.09 0.00	29.34 1.52 0.00	23.34 1.25 0.00	21.45 1.02 0.00	23.67 1.12 0.00	23.45 1.00 0.00	23.22 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.80 0.39 0.00	23.57 0.35 0.00	21.71 0.26 0.00	21.96 0.27 0.00	22.44 0.34 0.00	26.71 0.47 0.00	31.13 0.88 0.00	29.66 0.98 0.00	24.03 0.62 0.00	22.10 0.54 0.00	23.02 0.58 0.00	23.49 0.58 0.00	20.74 0.45 0.00	19.94 0.43 0.00	18.18 0.43 0.00	19.64 0.50 0.00	22.15 0.60 0.00	26.21 0.96 0.00	29.18 1.36 0.00	23.21 1.11 0.00	21.34 0.91 0.00	23.54 0.99 0.00	23.34 0.89 0.00	23.13 0.81 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	26.64 0.22 0.00	23.50 0.28 0.00	21.72 0.27 0.00	21.94 0.26 0.00	22.42 0.32 0.00	26.70 0.45 0.00	31.23 0.99 0.00	29.68 1.01 0.00	24.13 0.73 0.00	22.26 0.70 0.00	23.20 0.76 0.00	23.67 0.77 0.00	20.91 0.62 0.00	20.12 0.60 0.00	18.35 0.61 0.00	19.78 0.65 0.00	22.27 0.72 0.00	26.34 1.09 0.00	29.31 1.49 0.00	23.34 1.25 0.00	21.45 1.02 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.20 0.88 0.00
E179THST_13_KV_LOAD 356214	26.75 0.33 0.00	23.59 0.37 0.00	21.80 0.35 0.00	22.03 0.34 0.00	22.50 0.39 0.00	26.79 0.55 0.00	31.36 1.11 0.00	29.81 1.14 0.00	24.24 0.84 0.00	22.36 0.80 0.00	23.31 0.87 0.00	23.78 0.88 0.00	21.01 0.72 0.00	20.21 0.69 0.00	18.44 0.69 0.00	19.87 0.74 0.00	22.37 0.83 0.00	26.47 1.21 0.00	29.46 1.64 0.00	23.45 1.36 0.00	21.55 1.12 0.00	23.77 1.22 0.00	23.54 1.09 0.00	23.30 0.97 0.00
EAST HAMPTON___GT 23717	27.46 1.04 0.00	24.08 0.86 0.00	22.18 0.73 0.00	22.36 0.67 0.00	22.86 0.76 0.00	27.20 0.95 0.00	31.56 1.31 0.00	29.57 0.90 0.00	24.03 0.63 0.00	22.18 0.62 0.00	23.41 0.97 0.00	23.93 1.03 0.00	21.08 0.79 0.00	20.24 0.72 0.00	18.54 0.79 0.00	20.04 0.91 0.00	22.62 1.07 0.00	26.92 1.66 0.00	30.29 2.47 0.00	24.18 2.09 0.00	22.17 1.74 0.00	24.50 1.95 0.00	24.25 1.80 0.00	24.02 1.70 0.00
EAST RIVER___6 23660	26.76 0.35 0.00	23.52 0.30 0.00	21.66 0.22 0.00	21.88 0.19 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.16 0.91 0.00	29.73 1.05 0.00	24.18 0.77 0.00	22.32 0.76 0.00	23.30 0.86 0.00	23.77 0.87 0.00	20.99 0.70 0.00	20.16 0.64 0.00	18.41 0.67 0.00	19.87 0.73 0.00	22.33 0.78 0.00	26.40 1.15 0.00	29.39 1.57 0.00	23.41 1.31 0.00	21.51 1.08 0.00	23.71 1.16 0.00	23.48 1.03 0.00	23.23 0.91 0.00
EAST RIVER___7 23524	26.76 0.35 0.00	23.52 0.30 0.00	21.66 0.22 0.00	21.88 0.19 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.16 0.91 0.00	29.73 1.05 0.00	24.18 0.77 0.00	22.32 0.76 0.00	23.30 0.86 0.00	23.77 0.87 0.00	20.99 0.70 0.00	20.16 0.64 0.00	18.41 0.67 0.00	19.87 0.73 0.00	22.33 0.78 0.00	26.40 1.15 0.00	29.39 1.57 0.00	23.41 1.31 0.00	21.51 1.08 0.00	23.71 1.16 0.00	23.48 1.03 0.00	23.23 0.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.79 0.38 0.00	23.56 0.34 0.00	21.68 0.24 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.68 0.44 0.00	31.13 0.88 0.00	29.67 1.00 0.00	24.09 0.68 0.00	22.20 0.64 0.00	23.16 0.72 0.00	23.64 0.74 0.00	20.88 0.59 0.00	20.07 0.55 0.00	18.31 0.57 0.00	19.77 0.63 0.00	22.26 0.71 0.00	26.31 1.06 0.00	29.30 1.48 0.00	23.31 1.21 0.00	21.42 0.99 0.00	23.64 1.09 0.00	23.43 0.98 0.00	23.20 0.88 0.00
EAST_HAMPTON___DIESEL 23722	27.42 1.01 0.00	24.05 0.84 0.00	22.15 0.70 0.00	22.33 0.64 0.00	22.83 0.73 0.00	27.17 0.92 0.00	31.53 1.28 0.00	29.54 0.86 0.00	24.00 0.60 0.00	22.16 0.60 0.00	23.39 0.95 0.00	23.91 1.01 0.00	21.05 0.76 0.00	20.21 0.70 0.00	18.51 0.77 0.00	20.02 0.89 0.00	22.59 1.05 0.00	26.89 1.64 0.00	30.27 2.45 0.00	24.18 2.08 0.00	22.17 1.74 0.00	24.50 1.95 0.00	24.25 1.80 0.00	24.02 1.70 0.00
EAST_PULASKI___ESR 323781	25.68 -0.74 0.00	22.56 -0.66 0.00	20.94 -0.51 0.00	21.23 -0.46 0.00	21.62 -0.48 0.00	25.75 -0.50 0.00	29.77 -0.48 0.00	28.22 -0.46 0.00	22.83 -0.57 0.00	20.94 -0.62 0.00	21.69 -0.75 0.00	22.14 -0.76 0.00	19.63 -0.67 0.00	18.88 -0.63 0.00	17.16 -0.58 0.00	18.50 -0.63 0.00	20.86 -0.68 0.00	24.64 -0.62 0.00	27.21 -0.61 0.00	21.47 -0.62 0.00	19.73 -0.70 0.00	21.76 -0.79 0.00	21.59 -0.86 0.00	21.42 -0.90 0.00
EAST_RIVER___1 323558	26.74 0.33 0.00	23.51 0.29 0.00	21.66 0.22 0.00	21.88 0.19 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.14 0.89 0.00	29.70 1.03 0.00	24.15 0.75 0.00	22.29 0.73 0.00	23.25 0.82 0.00	23.74 0.84 0.00	20.97 0.68 0.00	20.16 0.64 0.00	18.41 0.66 0.00	19.86 0.73 0.00	22.33 0.78 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.39 1.30 0.00	21.49 1.06 0.00	23.69 1.15 0.00	23.47 1.02 0.00	23.22 0.90 0.00
EAST_RIVER___2 323559	26.76 0.35 0.00	23.52 0.30 0.00	21.66 0.22 0.00	21.88 0.19 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.16 0.91 0.00	29.73 1.05 0.00	24.18 0.77 0.00	22.32 0.76 0.00	23.30 0.86 0.00	23.77 0.87 0.00	20.99 0.70 0.00	20.16 0.64 0.00	18.41 0.67 0.00	19.87 0.73 0.00	22.33 0.78 0.00	26.40 1.15 0.00	29.39 1.57 0.00	23.41 1.31 0.00	21.51 1.08 0.00	23.71 1.16 0.00	23.48 1.03 0.00	23.23 0.91 0.00
EAST___DELAWARE_HYD 23607	27.75 1.33 0.00	24.39 1.18 0.00	22.55 1.10 0.00	22.83 1.14 0.00	23.20 1.10 0.00	27.62 1.37 0.00	32.13 1.89 0.00	30.54 1.86 0.00	24.58 1.18 0.00	22.17 0.61 0.00	22.91 0.48 0.00	23.59 0.69 0.00	21.13 0.83 0.00	20.37 0.85 0.00	18.41 0.67 0.00	19.87 0.74 0.00	22.48 0.93 0.00	26.73 1.47 0.00	29.75 1.93 0.00	23.59 1.49 0.00	21.73 1.30 0.00	23.91 1.36 0.00	23.76 1.31 0.00	23.54 1.22 0.00
EIGHT_POINT___WT_PWR 323820	33.16 -0.22 -6.96	25.97 -0.23 -2.99	24.60 -0.41 -3.56	24.08 -0.43 -2.83	22.89 -0.55 -1.33	27.75 -0.76 -2.27	30.18 -0.95 -0.88	28.52 -0.82 -0.67	23.24 -0.64 -0.48	21.34 -0.35 -0.13	22.10 -0.34 0.00	22.61 -0.29 0.00	19.91 -0.38 0.00	19.08 -0.44 0.00	17.19 -0.55 0.00	18.47 -0.66 0.00	20.59 -0.95 0.00	24.21 -1.04 0.00	26.63 -1.19 0.00	20.95 -1.14 0.00	18.91 -1.52 0.00	20.92 -1.63 0.00	21.01 -1.44 0.00	21.12 -1.20 0.00
ELBRIDGE_115KV_TB2 80188	26.11 -0.31 0.00	22.84 -0.37 0.00	21.14 -0.31 0.00	21.38 -0.31 0.00	21.75 -0.36 0.00	25.83 -0.41 0.00	29.83 -0.41 0.00	28.34 -0.34 0.00	23.06 -0.34 0.00	21.24 -0.32 0.00	22.00 -0.43 0.00	22.46 -0.44 0.00	19.94 -0.35 0.00	19.22 -0.29 0.00	17.46 -0.28 0.00	18.83 -0.30 0.00	21.23 -0.32 0.00	24.92 -0.33 0.00	27.49 -0.32 0.00	21.79 -0.30 0.00	20.06 -0.37 0.00	22.08 -0.47 0.00	21.94 -0.51 0.00	21.84 -0.48 0.00
ELEC_TRO_TEK 24086	27.11 0.70 0.00	23.81 0.59 0.00	21.92 0.48 0.00	22.13 0.44 0.00	22.61 0.51 0.00	26.91 0.67 0.00	31.38 1.13 0.00	29.77 1.10 0.00	24.17 0.77 0.00	22.29 0.73 0.00	23.39 0.95 0.00	23.90 1.00 0.00	21.11 0.82 0.00	20.28 0.76 0.00	18.52 0.78 0.00	20.01 0.88 0.00	22.52 0.98 0.00	26.63 1.38 0.00	29.70 1.88 0.00	23.62 1.53 0.00	21.69 1.26 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.46 1.14 0.00
ELLENBURG_WT_PWR 323604	27.37 0.95 0.00	24.22 1.00 0.00	22.41 0.97 0.00	22.69 1.01 0.00	23.06 0.96 0.00	27.18 0.94 0.00	31.08 0.84 0.00	29.22 0.55 0.00	24.07 0.66 0.00	22.24 0.68 0.00	23.07 0.63 0.00	23.46 0.56 0.00	20.72 0.42 0.00	19.85 0.34 0.00	17.96 0.22 0.00	19.32 0.18 0.00	21.75 0.20 0.00	25.33 0.07 0.00	27.36 -0.46 0.00	21.60 -0.49 0.00	19.92 -0.51 0.00	22.19 -0.36 0.00	22.63 0.18 0.00	22.84 0.52 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.84 -0.58 0.00	22.19 -1.02 0.00	20.68 -0.76 0.00	20.80 -0.88 0.00	20.91 -1.19 0.00	24.87 -1.37 0.00	28.04 -2.21 0.00	26.64 -2.04 0.00	22.10 -1.30 0.00	20.39 -1.17 0.00	21.11 -1.33 0.00	21.58 -1.32 0.00	19.33 -0.96 0.00	18.76 -0.76 0.00	16.93 -0.81 0.00	18.24 -0.90 0.00	20.35 -1.20 0.00	23.55 -1.70 0.00	25.69 -2.13 0.00	20.20 -1.90 0.00	18.57 -1.86 0.00	20.41 -2.14 0.00	20.30 -2.15 0.00	20.36 -1.96 0.00
EMPIRE_CC_1 323656	26.39 -0.03 0.00	23.30 0.08 0.00	21.47 0.02 0.00	21.73 0.04 0.00	22.22 0.12 0.00	26.38 0.13 0.00	30.63 0.39 0.00	29.14 0.47 0.00	23.47 0.07 0.00	21.49 -0.07 0.00	22.41 -0.02 0.00	22.93 0.03 0.00	20.29 0.00 0.00	19.56 0.04 0.00	17.81 0.07 0.00	19.19 0.06 0.00	21.69 0.14 0.00	25.47 0.22 0.00	28.35 0.54 0.00	22.49 0.39 0.00	20.82 0.39 0.00	22.95 0.40 0.00	22.88 0.43 0.00	22.72 0.40 0.00
EMPIRE_CC_2 323658	26.39 -0.03 0.00	23.30 0.08 0.00	21.47 0.02 0.00	21.73 0.04 0.00	22.22 0.12 0.00	26.38 0.13 0.00	30.63 0.39 0.00	29.14 0.47 0.00	23.47 0.07 0.00	21.49 -0.07 0.00	22.41 -0.02 0.00	22.93 0.03 0.00	20.29 0.00 0.00	19.56 0.04 0.00	17.81 0.07 0.00	19.19 0.06 0.00	21.69 0.14 0.00	25.47 0.22 0.00	28.35 0.54 0.00	22.49 0.39 0.00	20.82 0.39 0.00	22.95 0.40 0.00	22.88 0.43 0.00	22.72 0.40 0.00
ENORWICH_115KV_TB1 80156	28.00 1.59 0.00	24.64 1.43 0.00	22.86 1.41 0.00	23.20 1.52 0.00	23.61 1.51 0.00	28.26 2.02 0.00	32.92 2.68 0.00	31.05 2.38 0.00	24.86 1.46 0.00	22.65 1.09 0.00	23.32 0.88 0.00	23.76 0.86 0.00	21.00 0.71 0.00	20.19 0.67 0.00	18.29 0.55 0.00	19.79 0.66 0.00	22.49 0.95 0.00	26.89 1.64 0.00	29.43 1.60 0.00	23.16 1.07 0.00	21.21 0.78 0.00	23.20 0.65 0.00	23.05 0.60 0.00	23.06 0.74 0.00
ERIE_ST__34_KV_TB1-2 80199	26.62 0.20 0.00	22.86 -0.36 0.00	21.31 -0.14 0.00	21.43 -0.26 0.00	21.54 -0.56 0.00	25.61 -0.63 0.00	28.94 -1.31 0.00	27.55 -1.12 0.00	22.84 -0.56 0.00	21.05 -0.51 0.00	21.76 -0.68 0.00	22.28 -0.62 0.00	19.93 -0.36 0.00	19.31 -0.20 0.00	17.44 -0.30 0.00	18.80 -0.33 0.00	21.00 -0.55 0.00	24.33 -0.92 0.00	26.53 -1.29 0.00	20.87 -1.22 0.00	19.19 -1.24 0.00	21.11 -1.44 0.00	21.03 -1.42 0.00	21.06 -1.26 0.00
ERIE_WT_PWR 323693	-4.82 -0.38 30.86	9.19 -0.80 13.23	5.05 -0.62 15.78	8.44 -0.72 12.53	15.23 -0.96 5.91	15.08 -1.13 10.03	24.40 -1.94 3.91	25.22 -1.75 1.70	20.43 -1.04 1.93	20.05 -0.95 0.56	21.31 -1.13 0.00	21.80 -1.10 0.00	19.50 -0.79 0.00	18.93 -0.59 0.00	17.09 -0.66 0.00	18.40 -0.73 0.00	20.54 -1.00 0.00	23.78 -1.47 0.00	25.93 -1.89 0.00	20.38 -1.71 0.00	18.73 -1.70 0.00	20.59 -1.96 0.00	20.48 -1.97 0.00	20.52 -1.80 0.00
ESPRGFLD_115KV_TB1 80157	27.59 1.18 0.00	24.18 0.96 0.00	22.37 0.92 0.00	22.66 0.97 0.00	23.07 0.97 0.00	27.42 1.17 0.00	31.66 1.42 0.00	29.97 1.30 0.00	24.46 1.06 0.00	22.58 1.02 0.00	23.40 0.96 0.00	23.87 0.97 0.00	21.13 0.84 0.00	20.32 0.80 0.00	18.45 0.70 0.00	19.88 0.74 0.00	22.37 0.83 0.00	26.34 1.08 0.00	28.88 1.06 0.00	22.80 0.71 0.00	20.99 0.56 0.00	23.12 0.57 0.00	22.99 0.54 0.00	22.89 0.57 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.68 0.27 0.00	23.36 0.15 0.00	21.62 0.18 0.00	21.87 0.18 0.00	22.25 0.15 0.00	26.49 0.24 0.00	30.68 0.43 0.00	29.09 0.42 0.00	23.57 0.17 0.00	21.62 0.06 0.00	22.37 -0.07 0.00	22.78 -0.12 0.00	20.18 -0.11 0.00	19.44 -0.08 0.00	17.66 -0.08 0.00	19.08 -0.05 0.00	21.55 0.01 0.00	25.49 0.24 0.00	28.14 0.32 0.00	22.30 0.21 0.00	20.47 0.04 0.00	22.53 -0.02 0.00	22.38 -0.07 0.00	22.26 -0.07 0.00
ETNA____115KV_TB2 80207	26.68 0.27 0.00	23.36 0.15 0.00	21.62 0.18 0.00	21.87 0.18 0.00	22.25 0.15 0.00	26.49 0.24 0.00	30.68 0.43 0.00	29.09 0.42 0.00	23.57 0.17 0.00	21.62 0.06 0.00	22.37 -0.07 0.00	22.78 -0.12 0.00	20.18 -0.11 0.00	19.44 -0.08 0.00	17.66 -0.08 0.00	19.08 -0.05 0.00	21.55 0.01 0.00	25.49 0.24 0.00	28.14 0.32 0.00	22.30 0.21 0.00	20.47 0.04 0.00	22.53 -0.02 0.00	22.38 -0.07 0.00	22.26 -0.07 0.00
EUCLID___115KV_TB2 356179	25.88 -0.53 0.00	22.65 -0.57 0.00	20.97 -0.48 0.00	21.19 -0.49 0.00	21.56 -0.54 0.00	25.65 -0.59 0.00	29.59 -0.65 0.00	28.10 -0.57 0.00	22.89 -0.51 0.00	21.06 -0.50 0.00	21.86 -0.57 0.00	22.30 -0.60 0.00	19.81 -0.48 0.00	19.10 -0.42 0.00	17.36 -0.38 0.00	18.73 -0.40 0.00	21.07 -0.48 0.00	24.74 -0.51 0.00	27.29 -0.53 0.00	21.62 -0.48 0.00	19.90 -0.53 0.00	21.93 -0.63 0.00	21.77 -0.68 0.00	21.67 -0.65 0.00
E_CANADA_CAP_HY 24051	27.82 1.40 0.00	24.36 1.15 0.00	22.52 1.08 0.00	22.82 1.13 0.00	23.25 1.15 0.00	27.61 1.37 0.00	31.83 1.59 0.00	30.14 1.46 0.00	24.57 1.17 0.00	22.64 1.08 0.00	23.46 1.03 0.00	23.96 1.06 0.00	21.23 0.94 0.00	20.39 0.88 0.00	18.51 0.77 0.00	19.93 0.80 0.00	22.44 0.90 0.00	26.44 1.18 0.00	29.01 1.19 0.00	22.89 0.80 0.00	21.13 0.70 0.00	23.30 0.75 0.00	23.20 0.75 0.00	23.06 0.74 0.00
E_CANADA_MHWK_HY 24050	25.84 -0.58 0.00	22.67 -0.54 0.00	20.87 -0.58 0.00	21.16 -0.53 0.00	21.72 -0.38 0.00	25.94 -0.30 0.00	30.42 0.17 0.00	28.93 0.26 0.00	23.09 -0.31 0.00	20.95 -0.60 0.00	21.83 -0.61 0.00	22.23 -0.67 0.00	19.62 -0.67 0.00	18.85 -0.67 0.00	17.23 -0.52 0.00	18.58 -0.55 0.00	21.14 -0.40 0.00	25.04 -0.21 0.00	27.94 0.13 0.00	22.12 0.02 0.00	20.42 -0.01 0.00	22.51 -0.04 0.00	22.29 -0.17 0.00	22.08 -0.24 0.00
E_FISHKILL___LBMP 23776	26.67 0.26 0.00	23.47 0.25 0.00	21.61 0.17 0.00	21.85 0.16 0.00	22.33 0.23 0.00	26.59 0.35 0.00	31.00 0.75 0.00	29.54 0.87 0.00	23.93 0.53 0.00	22.01 0.45 0.00	22.94 0.50 0.00	23.41 0.51 0.00	20.68 0.38 0.00	19.88 0.37 0.00	18.13 0.38 0.00	19.57 0.43 0.00	22.06 0.52 0.00	26.08 0.83 0.00	29.05 1.22 0.00	23.09 1.00 0.00	21.26 0.83 0.00	23.45 0.90 0.00	23.26 0.81 0.00	23.04 0.72 0.00
FALCON___SEABRD_CC1 323796	27.69 1.28 0.00	24.50 1.28 0.00	22.68 1.23 0.00	22.95 1.26 0.00	23.32 1.22 0.00	27.43 1.18 0.00	31.38 1.14 0.00	29.44 0.76 0.00	24.21 0.81 0.00	22.36 0.80 0.00	23.17 0.73 0.00	23.54 0.64 0.00	20.80 0.51 0.00	19.96 0.44 0.00	18.08 0.34 0.00	19.45 0.31 0.00	21.90 0.36 0.00	25.55 0.29 0.00	27.61 -0.21 0.00	21.77 -0.32 0.00	20.07 -0.36 0.00	22.43 -0.12 0.00	22.86 0.41 0.00	23.07 0.75 0.00
FALCON___SEABRD_CC2 323797	27.69 1.28 0.00	24.50 1.28 0.00	22.68 1.23 0.00	22.95 1.26 0.00	23.32 1.22 0.00	27.43 1.18 0.00	31.38 1.14 0.00	29.44 0.76 0.00	24.21 0.81 0.00	22.36 0.80 0.00	23.17 0.73 0.00	23.54 0.64 0.00	20.80 0.51 0.00	19.96 0.44 0.00	18.08 0.34 0.00	19.45 0.31 0.00	21.90 0.36 0.00	25.55 0.29 0.00	27.61 -0.21 0.00	21.77 -0.32 0.00	20.07 -0.36 0.00	22.43 -0.12 0.00	22.86 0.41 0.00	23.07 0.75 0.00

FAR ROCKAWAY___4 23548	27.42 1.00 0.00	24.07 0.86 0.00	22.15 0.71 0.00	22.36 0.67 0.00	22.85 0.75 0.00	27.20 0.95 0.00	31.69 1.45 0.00	30.07 1.40 0.00	24.39 0.99 0.00	22.49 0.93 0.00	23.62 1.18 0.00	24.15 1.26 0.00	21.34 1.05 0.00	20.50 0.98 0.00	18.72 0.98 0.00	20.24 1.11 0.00	22.80 1.25 0.00	26.97 1.72 0.00	30.06 2.24 0.00	23.91 1.82 0.00	21.96 1.54 0.00	24.25 1.71 0.00	24.00 1.55 0.00	23.73 1.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.76 0.34 0.00	23.54 0.32 0.00	21.69 0.24 0.00	21.91 0.22 0.00	22.39 0.29 0.00	26.68 0.43 0.00	31.17 0.92 0.00	29.73 1.05 0.00	24.18 0.77 0.00	22.31 0.75 0.00	23.27 0.84 0.00	23.76 0.86 0.00	20.98 0.69 0.00	20.17 0.65 0.00	18.42 0.67 0.00	19.87 0.74 0.00	22.34 0.80 0.00	26.42 1.17 0.00	29.41 1.59 0.00	23.41 1.31 0.00	21.50 1.07 0.00	23.72 1.17 0.00	23.48 1.03 0.00	23.24 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.78 0.37 0.00	23.56 0.34 0.00	21.70 0.25 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.69 0.45 0.00	31.19 0.95 0.00	29.75 1.07 0.00	24.18 0.78 0.00	22.32 0.76 0.00	23.28 0.84 0.00	23.77 0.87 0.00	20.99 0.70 0.00	20.19 0.67 0.00	18.43 0.68 0.00	19.88 0.75 0.00	22.36 0.81 0.00	26.43 1.18 0.00	29.43 1.61 0.00	23.43 1.33 0.00	21.52 1.09 0.00	23.73 1.18 0.00	23.50 1.05 0.00	23.26 0.93 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.75 0.34 0.00	23.54 0.32 0.00	21.68 0.23 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.67 0.42 0.00	31.16 0.92 0.00	29.72 1.04 0.00	24.16 0.76 0.00	22.30 0.74 0.00	23.27 0.83 0.00	23.75 0.85 0.00	20.98 0.69 0.00	20.17 0.65 0.00	18.41 0.67 0.00	19.87 0.74 0.00	22.34 0.79 0.00	26.40 1.15 0.00	29.40 1.58 0.00	23.40 1.31 0.00	21.50 1.07 0.00	23.70 1.15 0.00	23.47 1.03 0.00	23.23 0.91 0.00
FARRAGUT___LBMP 323566	26.73 0.32 0.00	23.51 0.30 0.00	21.66 0.22 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.14 0.89 0.00	29.69 1.02 0.00	24.14 0.74 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.72 0.83 0.00	20.95 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.72 0.00	22.32 0.77 0.00	26.38 1.13 0.00	29.37 1.55 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.46 1.01 0.00	23.22 0.90 0.00
FENNER___WINDPWR 24204	26.66 0.24 0.00	23.38 0.16 0.00	21.63 0.19 0.00	21.90 0.21 0.00	22.30 0.20 0.00	26.58 0.33 0.00	30.83 0.58 0.00	29.22 0.55 0.00	23.56 0.16 0.00	21.62 0.06 0.00	22.49 0.05 0.00	22.96 0.06 0.00	20.33 0.04 0.00	19.56 0.04 0.00	17.79 0.04 0.00	19.18 0.05 0.00	21.66 0.11 0.00	25.59 0.34 0.00	28.25 0.43 0.00	22.32 0.22 0.00	20.52 0.09 0.00	22.63 0.08 0.00	22.44 -0.01 0.00	22.29 -0.03 0.00
FIBERTEK___ENERGY 23856	26.20 -0.21 0.00	22.93 -0.29 0.00	21.23 -0.22 0.00	21.47 -0.22 0.00	21.84 -0.27 0.00	25.98 -0.26 0.00	30.01 -0.24 0.00	28.50 -0.18 0.00	23.19 -0.21 0.00	21.33 -0.23 0.00	22.13 -0.31 0.00	22.57 -0.33 0.00	20.05 -0.25 0.00	19.32 -0.20 0.00	17.56 -0.19 0.00	18.94 -0.19 0.00	21.35 -0.20 0.00	25.08 -0.18 0.00	27.66 -0.16 0.00	21.92 -0.17 0.00	20.17 -0.26 0.00	22.20 -0.35 0.00	22.06 -0.40 0.00	21.94 -0.38 0.00
FITZPATRICK___ 23598	25.63 -0.79 0.00	22.45 -0.77 0.00	20.77 -0.67 0.00	21.01 -0.68 0.00	21.37 -0.74 0.00	25.40 -0.85 0.00	29.28 -0.97 0.00	27.79 -0.89 0.00	22.66 -0.74 0.00	20.86 -0.70 0.00	21.66 -0.78 0.00	22.09 -0.81 0.00	19.63 -0.66 0.00	18.93 -0.59 0.00	17.21 -0.54 0.00	18.55 -0.58 0.00	20.86 -0.69 0.00	24.46 -0.79 0.00	26.97 -0.85 0.00	21.38 -0.72 0.00	19.70 -0.73 0.00	21.72 -0.83 0.00	21.59 -0.86 0.00	21.49 -0.84 0.00
FLOWRFLD_69_KV_BK1 356044	27.32 0.90 0.00	23.96 0.74 0.00	22.07 0.62 0.00	22.25 0.56 0.00	22.73 0.63 0.00	27.05 0.80 0.00	31.45 1.20 0.00	29.67 1.00 0.00	24.12 0.71 0.00	22.26 0.70 0.00	23.44 1.01 0.00	23.98 1.08 0.00	21.16 0.87 0.00	20.33 0.81 0.00	18.58 0.84 0.00	20.07 0.94 0.00	22.63 1.08 0.00	26.77 1.52 0.00	29.89 2.07 0.00	23.79 1.69 0.00	21.81 1.38 0.00	24.12 1.56 0.00	23.84 1.39 0.00	23.58 1.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.01 0.60 0.00	23.76 0.54 0.00	21.87 0.43 0.00	22.12 0.43 0.00	22.61 0.51 0.00	26.94 0.70 0.00	31.43 1.18 0.00	29.95 1.27 0.00	24.23 0.83 0.00	22.26 0.70 0.00	23.19 0.75 0.00	23.64 0.74 0.00	20.88 0.59 0.00	20.08 0.56 0.00	18.31 0.57 0.00	19.79 0.66 0.00	22.34 0.79 0.00	26.44 1.19 0.00	29.44 1.62 0.00	23.41 1.31 0.00	21.54 1.11 0.00	23.75 1.20 0.00	23.54 1.09 0.00	23.32 0.99 0.00
FORT ORANGE___ 23900	26.91 0.49 0.00	23.71 0.49 0.00	21.85 0.40 0.00	22.11 0.42 0.00	22.60 0.49 0.00	26.89 0.65 0.00	31.25 1.01 0.00	29.69 1.02 0.00	23.91 0.50 0.00	21.86 0.30 0.00	22.75 0.32 0.00	23.25 0.35 0.00	20.57 0.28 0.00	19.81 0.29 0.00	18.03 0.29 0.00	19.45 0.32 0.00	22.01 0.46 0.00	25.96 0.71 0.00	28.90 1.08 0.00	22.92 0.82 0.00	21.19 0.76 0.00	23.35 0.80 0.00	23.21 0.76 0.00	23.03 0.71 0.00
FORT_DRUM_COGEN 23780	25.57 -0.85 0.00	22.69 -0.53 0.00	21.27 -0.17 0.00	21.71 0.03 0.00	22.17 0.07 0.00	26.42 0.18 0.00	30.66 0.42 0.00	28.91 0.23 0.00	23.05 -0.35 0.00	20.94 -0.62 0.00	21.65 -0.79 0.00	22.17 -0.73 0.00	19.54 -0.75 0.00	18.70 -0.82 0.00	16.93 -0.82 0.00	18.22 -0.91 0.00	20.66 -0.89 0.00	24.66 -0.59 0.00	27.26 -0.56 0.00	21.24 -0.85 0.00	19.43 -1.00 0.00	21.52 -1.03 0.00	21.32 -1.13 0.00	21.00 -1.32 0.00
FOX_HILLS___ESR 323835	26.89 0.47 0.00	23.63 0.42 0.00	21.66 0.22 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.66 0.42 0.00	31.17 0.93 0.00	29.78 1.10 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.89 0.00	23.82 0.92 0.00	21.02 0.73 0.00	20.22 0.70 0.00	18.45 0.70 0.00	19.91 0.78 0.00	22.41 0.87 0.00	26.50 1.24 0.00	29.48 1.66 0.00	23.49 1.40 0.00	21.57 1.14 0.00	23.80 1.25 0.00	23.59 1.14 0.00	23.35 1.02 0.00
FPL_FAR_ROCK_GT1 24212	27.42 1.01 0.00	24.06 0.84 0.00	22.15 0.71 0.00	22.35 0.66 0.00	22.84 0.74 0.00	27.20 0.95 0.00	31.69 1.45 0.00	30.07 1.40 0.00	24.39 0.99 0.00	22.49 0.93 0.00	23.62 1.18 0.00	24.15 1.25 0.00	21.34 1.05 0.00	20.50 0.98 0.00	18.72 0.98 0.00	20.24 1.11 0.00	22.80 1.25 0.00	26.97 1.72 0.00	30.06 2.24 0.00	23.91 1.82 0.00	21.96 1.54 0.00	24.26 1.71 0.00	24.00 1.55 0.00	23.73 1.41 0.00
FPL_FAR_ROCK_GT2 23815	27.42 1.01 0.00	24.06 0.84 0.00	22.15 0.71 0.00	22.35 0.66 0.00	22.84 0.74 0.00	27.20 0.95 0.00	31.69 1.45 0.00	30.07 1.40 0.00	24.39 0.99 0.00	22.49 0.93 0.00	23.62 1.18 0.00	24.15 1.25 0.00	21.34 1.05 0.00	20.50 0.98 0.00	18.72 0.98 0.00	20.24 1.11 0.00	22.80 1.25 0.00	26.97 1.72 0.00	30.06 2.24 0.00	23.91 1.82 0.00	21.96 1.54 0.00	24.26 1.71 0.00	24.00 1.55 0.00	23.73 1.41 0.00



FRANKLIN_FALL_HYD 24054	27.62 1.21 0.00	24.41 1.20 0.00	22.59 1.14 0.00	22.87 1.19 0.00	23.23 1.13 0.00	27.42 1.17 0.00	31.40 1.16 0.00	29.57 0.89 0.00	24.29 0.89 0.00	22.42 0.86 0.00	23.28 0.84 0.00	23.69 0.79 0.00	20.90 0.61 0.00	19.98 0.47 0.00	18.04 0.30 0.00	19.43 0.29 0.00	21.85 0.30 0.00	25.49 0.24 0.00	27.65 -0.17 0.00	21.85 -0.25 0.00	20.17 -0.25 0.00	22.50 -0.05 0.00	22.85 0.40 0.00	22.93 0.61 0.00
FREEPORT_EQUS_GT1 23764	27.25 0.84 0.00	23.93 0.71 0.00	22.01 0.57 0.00	22.21 0.52 0.00	22.71 0.60 0.00	27.04 0.79 0.00	31.49 1.25 0.00	29.85 1.17 0.00	24.24 0.84 0.00	22.33 0.77 0.00	23.46 1.02 0.00	23.97 1.07 0.00	21.18 0.89 0.00	20.34 0.82 0.00	18.58 0.84 0.00	20.08 0.95 0.00	22.63 1.08 0.00	26.78 1.53 0.00	29.87 2.05 0.00	23.76 1.67 0.00	21.82 1.39 0.00	24.10 1.55 0.00	23.84 1.39 0.00	23.58 1.26 0.00
FREEPORT___CT2 23818	27.25 0.84 0.00	23.93 0.71 0.00	22.01 0.57 0.00	22.21 0.52 0.00	22.71 0.60 0.00	27.04 0.79 0.00	31.49 1.25 0.00	29.85 1.17 0.00	24.24 0.84 0.00	22.33 0.77 0.00	23.46 1.02 0.00	23.97 1.07 0.00	21.18 0.89 0.00	20.34 0.82 0.00	18.58 0.84 0.00	20.08 0.95 0.00	22.63 1.08 0.00	26.78 1.53 0.00	29.87 2.05 0.00	23.76 1.67 0.00	21.82 1.39 0.00	24.10 1.55 0.00	23.84 1.39 0.00	23.58 1.26 0.00
FRESHKLS_33_KV_LOAD 356253	26.90 0.48 0.00	23.63 0.41 0.00	21.60 0.16 0.00	21.83 0.14 0.00	22.32 0.22 0.00	26.59 0.34 0.00	31.07 0.83 0.00	29.73 1.06 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.32 0.88 0.00	23.82 0.92 0.00	21.00 0.71 0.00	20.20 0.68 0.00	18.44 0.69 0.00	19.93 0.80 0.00	22.42 0.88 0.00	26.51 1.26 0.00	29.50 1.68 0.00	23.51 1.42 0.00	21.59 1.16 0.00	23.83 1.28 0.00	23.64 1.18 0.00	23.42 1.10 0.00
FULTON COGEN____ 23766	25.80 -0.61 0.00	22.58 -0.64 0.00	20.91 -0.54 0.00	21.14 -0.55 0.00	21.51 -0.59 0.00	25.62 -0.62 0.00	29.56 -0.69 0.00	28.07 -0.61 0.00	22.84 -0.56 0.00	20.99 -0.57 0.00	21.78 -0.66 0.00	22.20 -0.70 0.00	19.71 -0.58 0.00	19.01 -0.51 0.00	17.29 -0.46 0.00	18.64 -0.49 0.00	21.00 -0.54 0.00	24.70 -0.56 0.00	27.25 -0.57 0.00	21.60 -0.49 0.00	19.88 -0.55 0.00	21.91 -0.64 0.00	21.74 -0.71 0.00	21.63 -0.69 0.00
FULTON___LFGE 323630	28.78 2.36 0.00	25.21 1.99 0.00	23.28 1.83 0.00	23.58 1.89 0.00	24.06 1.96 0.00	28.70 2.46 0.00	33.34 3.09 0.00	31.53 2.86 0.00	25.21 1.81 0.00	22.85 1.29 0.00	23.57 1.13 0.00	24.05 1.15 0.00	21.27 0.97 0.00	20.43 0.91 0.00	18.66 0.92 0.00	20.10 0.96 0.00	22.96 1.41 0.00	27.57 2.32 0.00	30.62 2.80 0.00	24.21 2.12 0.00	22.31 1.88 0.00	24.56 2.01 0.00	24.35 1.90 0.00	24.15 1.83 0.00
G.F.CEMENT___DRP 24184	27.39 0.97 0.00	24.07 0.86 0.00	22.19 0.75 0.00	22.47 0.78 0.00	22.98 0.88 0.00	27.35 1.11 0.00	31.89 1.64 0.00	30.26 1.59 0.00	24.30 0.90 0.00	22.06 0.50 0.00	23.00 0.56 0.00	23.50 0.60 0.00	20.75 0.45 0.00	19.92 0.40 0.00	18.18 0.43 0.00	19.70 0.56 0.00	22.38 0.83 0.00	26.51 1.26 0.00	29.44 1.62 0.00	23.32 1.23 0.00	21.55 1.12 0.00	23.65 1.10 0.00	23.44 0.99 0.00	23.20 0.88 0.00
GARDENVILLE___LBMP 24039	25.95 -0.46 0.00	22.28 -0.93 0.00	20.76 -0.69 0.00	20.88 -0.81 0.00	20.99 -1.12 0.00	24.96 -1.28 0.00	28.16 -2.09 0.00	26.77 -1.91 0.00	22.21 -1.19 0.00	20.49 -1.07 0.00	21.21 -1.23 0.00	21.70 -1.20 0.00	19.42 -0.87 0.00	18.85 -0.67 0.00	17.01 -0.73 0.00	18.33 -0.80 0.00	20.45 -1.10 0.00	23.68 -1.58 0.00	25.82 -2.00 0.00	20.29 -1.80 0.00	18.64 -1.79 0.00	20.50 -2.06 0.00	20.39 -2.06 0.00	20.44 -1.88 0.00
GARDNVLA_35_KV_LD 355827	26.08 -0.33 0.00	22.39 -0.82 0.00	20.85 -0.59 0.00	20.98 -0.71 0.00	21.09 -1.01 0.00	25.09 -1.15 0.00	28.29 -1.95 0.00	26.92 -1.76 0.00	22.34 -1.06 0.00	20.61 -0.94 0.00	21.32 -1.11 0.00	21.81 -1.09 0.00	19.53 -0.76 0.00	18.95 -0.57 0.00	17.10 -0.64 0.00	18.42 -0.71 0.00	20.56 -0.99 0.00	23.80 -1.45 0.00	25.95 -1.86 0.00	20.40 -1.69 0.00	18.75 -1.68 0.00	20.60 -1.95 0.00	20.49 -1.95 0.00	20.54 -1.78 0.00
GELCKHM___115KV_LOAD 80723	26.00 -0.42 0.00	22.75 -0.47 0.00	21.06 -0.38 0.00	21.29 -0.39 0.00	21.67 -0.44 0.00	25.77 -0.48 0.00	29.74 -0.50 0.00	28.24 -0.43 0.00	23.01 -0.40 0.00	21.17 -0.39 0.00	21.97 -0.47 0.00	22.40 -0.50 0.00	19.90 -0.39 0.00	19.18 -0.33 0.00	17.44 -0.31 0.00	18.82 -0.32 0.00	21.17 -0.37 0.00	24.87 -0.39 0.00	27.43 -0.39 0.00	21.73 -0.36 0.00	20.00 -0.43 0.00	22.03 -0.52 0.00	21.88 -0.58 0.00	21.77 -0.56 0.00
GENERAL___MILLS 23808	26.05 -0.36 0.00	22.37 -0.85 0.00	20.84 -0.61 0.00	20.96 -0.72 0.00	21.07 -1.03 0.00	25.07 -1.18 0.00	28.27 -1.98 0.00	26.89 -1.79 0.00	22.31 -1.09 0.00	20.58 -0.98 0.00	21.29 -1.15 0.00	21.78 -1.12 0.00	19.50 -0.79 0.00	18.91 -0.60 0.00	17.08 -0.67 0.00	18.40 -0.73 0.00	20.53 -1.02 0.00	23.77 -1.49 0.00	25.92 -1.90 0.00	20.37 -1.72 0.00	18.72 -1.70 0.00	20.58 -1.97 0.00	20.47 -1.98 0.00	20.52 -1.81 0.00
GE_PLASTICS___DRP 24183	26.68 0.27 0.00	23.51 0.29 0.00	21.67 0.22 0.00	21.92 0.23 0.00	22.39 0.29 0.00	26.64 0.39 0.00	30.92 0.68 0.00	29.38 0.71 0.00	23.75 0.35 0.00	21.76 0.20 0.00	22.66 0.23 0.00	23.15 0.25 0.00	20.49 0.19 0.00	19.72 0.20 0.00	17.95 0.21 0.00	19.36 0.23 0.00	21.89 0.34 0.00	25.78 0.53 0.00	28.63 0.82 0.00	22.73 0.63 0.00	21.00 0.57 0.00	23.15 0.60 0.00	23.01 0.56 0.00	22.84 0.52 0.00
GILBOA___1 23756	26.53 0.11 0.00	23.33 0.12 0.00	21.52 0.07 0.00	21.76 0.08 0.00	22.22 0.12 0.00	26.43 0.19 0.00	30.68 0.44 0.00	29.14 0.47 0.00	23.62 0.22 0.00	21.73 0.17 0.00	22.62 0.18 0.00	23.09 0.19 0.00	20.43 0.14 0.00	19.65 0.14 0.00	17.89 0.15 0.00	19.30 0.17 0.00	21.78 0.23 0.00	25.66 0.41 0.00	28.47 0.65 0.00	22.60 0.50 0.00	20.84 0.42 0.00	22.99 0.44 0.00	22.84 0.39 0.00	22.67 0.35 0.00
GILBOA___2 23757	26.53 0.11 0.00	23.33 0.12 0.00	21.52 0.07 0.00	21.76 0.08 0.00	22.22 0.12 0.00	26.43 0.19 0.00	30.68 0.44 0.00	29.14 0.47 0.00	23.62 0.22 0.00	21.73 0.17 0.00	22.62 0.18 0.00	23.09 0.19 0.00	20.43 0.14 0.00	19.65 0.14 0.00	17.89 0.15 0.00	19.30 0.17 0.00	21.78 0.23 0.00	25.66 0.41 0.00	28.47 0.65 0.00	22.60 0.50 0.00	20.84 0.42 0.00	22.99 0.44 0.00	22.84 0.39 0.00	22.67 0.35 0.00
GILBOA___3 23758	26.53 0.11 0.00	23.33 0.12 0.00	21.52 0.07 0.00	21.76 0.08 0.00	22.22 0.12 0.00	26.43 0.19 0.00	30.68 0.44 0.00	29.14 0.47 0.00	23.62 0.22 0.00	21.73 0.17 0.00	22.62 0.18 0.00	23.09 0.19 0.00	20.43 0.14 0.00	19.65 0.14 0.00	17.89 0.15 0.00	19.30 0.17 0.00	21.78 0.23 0.00	25.66 0.41 0.00	28.47 0.65 0.00	22.60 0.50 0.00	20.84 0.42 0.00	22.99 0.44 0.00	22.84 0.39 0.00	22.67 0.35 0.00

















HYLAND___LFGE 323620	30.87 0.57 -3.88	25.15 0.28 -1.66	23.68 0.25 -1.99	23.46 0.20 -1.58	22.94 0.09 -0.74	27.73 0.23 -1.26	30.94 0.21 -0.49	29.35 0.24 -0.44	23.40 -0.27 -0.27	21.23 -0.40 -0.07	21.85 -0.59 0.00	22.33 -0.57 0.00	19.81 -0.48 0.00	19.09 -0.43 0.00	17.25 -0.49 0.00	18.60 -0.53 0.00	20.87 -0.68 0.00	24.92 -0.34 0.00	27.68 -0.14 0.00	21.90 -0.19 0.00	20.01 -0.42 0.00	22.02 -0.53 0.00	21.88 -0.58 0.00	21.83 -0.49 0.00
INDECK___CORINTH 23802	27.27 0.85 0.00	23.96 0.75 0.00	22.09 0.64 0.00	22.36 0.67 0.00	22.87 0.77 0.00	27.23 0.98 0.00	31.74 1.49 0.00	30.13 1.45 0.00	24.26 0.85 0.00	22.06 0.50 0.00	22.99 0.55 0.00	23.48 0.58 0.00	20.72 0.43 0.00	19.85 0.34 0.00	18.11 0.37 0.00	19.62 0.49 0.00	22.29 0.74 0.00	26.38 1.13 0.00	29.29 1.47 0.00	23.22 1.12 0.00	21.45 1.02 0.00	23.54 0.99 0.00	23.35 0.90 0.00	23.11 0.78 0.00
INDECK___ILION 23567	26.22 -0.20 0.00	23.04 -0.18 0.00	21.25 -0.20 0.00	21.52 -0.17 0.00	22.00 -0.10 0.00	26.21 -0.04 0.00	30.46 0.21 0.00	28.93 0.26 0.00	23.35 -0.06 0.00	21.36 -0.20 0.00	22.23 -0.22 0.00	22.67 -0.23 0.00	20.06 -0.23 0.00	19.28 -0.23 0.00	17.57 -0.17 0.00	18.95 -0.18 0.00	21.46 -0.09 0.00	25.28 0.03 0.00	28.04 0.22 0.00	22.23 0.14 0.00	20.52 0.09 0.00	22.63 0.08 0.00	22.46 0.01 0.00	22.30 -0.02 0.00
INDECK___OLEAN 23982	-7.73 0.46 34.60	8.33 -0.05 14.83	3.89 0.13 17.69	7.70 0.06 14.05	15.25 -0.23 6.63	14.62 -0.37 11.25	25.01 -0.86 4.38	26.14 -0.65 1.88	21.01 -0.23 2.16	20.90 -0.04 0.62	22.31 -0.13 0.00	23.00 0.10 0.00	20.51 0.22 0.00	19.84 0.33 0.00	17.91 0.17 0.00	19.33 0.20 0.00	21.40 -0.15 0.00	24.79 -0.46 0.00	27.10 -0.72 0.00	21.38 -0.71 0.00	19.54 -0.89 0.00	21.61 -0.94 0.00	21.67 -0.79 0.00	21.75 -0.57 0.00
INDECK___OSWEGO 23783	25.72 -0.69 0.00	22.54 -0.68 0.00	20.87 -0.58 0.00	21.12 -0.57 0.00	21.50 -0.61 0.00	25.58 -0.67 0.00	29.51 -0.74 0.00	28.00 -0.67 0.00	22.78 -0.62 0.00	20.95 -0.61 0.00	21.74 -0.70 0.00	22.17 -0.73 0.00	19.69 -0.60 0.00	18.97 -0.54 0.00	17.26 -0.49 0.00	18.61 -0.53 0.00	20.94 -0.61 0.00	24.62 -0.64 0.00	27.17 -0.65 0.00	21.51 -0.58 0.00	19.81 -0.62 0.00	21.83 -0.72 0.00	21.67 -0.78 0.00	21.55 -0.77 0.00
INDECK___YERKES 23781	-1.65 -0.57 27.49	10.48 -0.95 11.78	6.63 -0.76 14.06	9.66 -0.86 11.16	15.71 -1.12 5.27	15.99 -1.32 8.94	24.53 -2.24 3.48	24.98 -2.18 1.51	20.31 -1.37 1.71	19.78 -1.28 0.50	20.95 -1.49 0.00	21.39 -1.51 0.00	19.16 -1.13 0.00	18.62 -0.89 0.00	16.80 -0.94 0.00	18.11 -1.02 0.00	20.20 -1.35 0.00	23.39 -1.86 0.00	25.51 -2.31 0.00	20.05 -2.05 0.00	18.48 -1.95 0.00	20.29 -2.26 0.00	20.18 -2.27 0.00	20.25 -2.07 0.00
INDIAN POINT_GT_1 24139	26.74 0.33 0.00	23.52 0.31 0.00	21.65 0.21 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.63 0.39 0.00	31.07 0.82 0.00	29.62 0.94 0.00	24.03 0.63 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.60 0.70 0.00	20.83 0.54 0.00	20.03 0.51 0.00	18.26 0.52 0.00	19.72 0.59 0.00	22.20 0.65 0.00	26.26 1.01 0.00	29.25 1.42 0.00	23.26 1.17 0.00	21.37 0.94 0.00	23.58 1.03 0.00	23.39 0.94 0.00	23.16 0.84 0.00
INDIAN POINT_GT_2 23659	26.74 0.33 0.00	23.52 0.31 0.00	21.65 0.21 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.63 0.39 0.00	31.07 0.82 0.00	29.62 0.94 0.00	24.03 0.63 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.60 0.70 0.00	20.83 0.54 0.00	20.03 0.51 0.00	18.26 0.52 0.00	19.72 0.59 0.00	22.20 0.65 0.00	26.26 1.01 0.00	29.25 1.42 0.00	23.26 1.17 0.00	21.37 0.94 0.00	23.58 1.03 0.00	23.39 0.94 0.00	23.16 0.84 0.00
INDIAN POINT_GT_3 24019	26.74 0.33 0.00	23.52 0.31 0.00	21.65 0.21 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.63 0.39 0.00	31.07 0.82 0.00	29.62 0.94 0.00	24.03 0.63 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.60 0.70 0.00	20.83 0.54 0.00	20.03 0.51 0.00	18.26 0.52 0.00	19.72 0.59 0.00	22.20 0.65 0.00	26.26 1.01 0.00	29.25 1.42 0.00	23.26 1.17 0.00	21.37 0.94 0.00	23.58 1.03 0.00	23.39 0.94 0.00	23.16 0.84 0.00
INDIAN POINT___2 23530	26.73 0.32 0.00	23.50 0.28 0.00	21.64 0.20 0.00	21.87 0.18 0.00	22.35 0.25 0.00	26.61 0.37 0.00	31.04 0.79 0.00	29.59 0.91 0.00	24.01 0.61 0.00	22.15 0.59 0.00	23.11 0.67 0.00	23.58 0.68 0.00	20.83 0.54 0.00	20.01 0.50 0.00	18.26 0.51 0.00	19.71 0.58 0.00	22.19 0.64 0.00	26.24 0.99 0.00	29.22 1.40 0.00	23.24 1.15 0.00	21.35 0.92 0.00	23.57 1.02 0.00	23.37 0.92 0.00	23.15 0.83 0.00
INDIAN POINT___3 23531	26.73 0.32 0.00	23.51 0.30 0.00	21.64 0.20 0.00	21.88 0.19 0.00	22.37 0.27 0.00	26.63 0.38 0.00	31.06 0.81 0.00	29.61 0.93 0.00	24.02 0.62 0.00	22.15 0.59 0.00	23.11 0.67 0.00	23.58 0.68 0.00	20.82 0.53 0.00	20.02 0.50 0.00	18.25 0.51 0.00	19.71 0.58 0.00	22.20 0.65 0.00	26.24 0.98 0.00	29.23 1.41 0.00	23.24 1.15 0.00	21.36 0.93 0.00	23.58 1.03 0.00	23.37 0.92 0.00	23.15 0.83 0.00
INGHAM_C_115KV_TB7 356103	25.83 -0.58 0.00	22.67 -0.54 0.00	20.87 -0.58 0.00	21.17 -0.52 0.00	21.73 -0.38 0.00	25.94 -0.30 0.00	30.42 0.17 0.00	28.93 0.26 0.00	23.09 -0.31 0.00	20.95 -0.60 0.00	21.82 -0.61 0.00	22.23 -0.67 0.00	19.62 -0.68 0.00	18.85 -0.67 0.00	17.23 -0.52 0.00	18.58 -0.55 0.00	21.14 -0.40 0.00	25.04 -0.21 0.00	27.94 0.12 0.00	22.12 0.02 0.00	20.42 -0.01 0.00	22.51 -0.04 0.00	22.29 -0.17 0.00	22.08 -0.24 0.00
IP CORINTH___1 23988	27.26 0.85 0.00	23.96 0.74 0.00	22.09 0.64 0.00	22.37 0.68 0.00	22.88 0.77 0.00	27.23 0.98 0.00	31.74 1.49 0.00	30.13 1.46 0.00	24.25 0.85 0.00	22.06 0.51 0.00	22.99 0.55 0.00	23.48 0.58 0.00	20.72 0.43 0.00	19.85 0.34 0.00	18.11 0.37 0.00	19.62 0.49 0.00	22.29 0.74 0.00	26.38 1.13 0.00	29.29 1.47 0.00	23.22 1.12 0.00	21.45 1.02 0.00	23.54 0.99 0.00	23.35 0.90 0.00	23.11 0.79 0.00
IP___TICONDEROGA 23804	28.44 2.02 0.00	24.93 1.71 0.00	22.98 1.53 0.00	23.32 1.63 0.00	23.86 1.76 0.00	28.29 2.05 0.00	33.15 2.91 0.00	31.49 2.82 0.00	24.89 1.49 0.00	22.45 0.89 0.00	23.34 0.90 0.00	23.85 0.95 0.00	21.07 0.78 0.00	20.38 0.87 0.00	18.69 0.95 0.00	20.37 1.24 0.00	23.19 1.65 0.00	27.61 2.36 0.00	30.60 2.78 0.00	24.17 2.08 0.00	22.33 1.90 0.00	24.29 1.74 0.00	24.02 1.57 0.00	23.68 1.36 0.00
ISLIP_RES_REC 323679	27.48 1.06 0.00	24.08 0.87 0.00	22.19 0.75 0.00	22.37 0.68 0.00	22.85 0.75 0.00	27.18 0.94 0.00	31.58 1.34 0.00	29.74 1.07 0.00	24.19 0.79 0.00	22.33 0.77 0.00	23.53 1.09 0.00	24.07 1.17 0.00	21.24 0.95 0.00	20.39 0.87 0.00	18.65 0.91 0.00	20.14 1.01 0.00	22.71 1.16 0.00	26.88 1.62 0.00	30.02 2.20 0.00	23.90 1.80 0.00	21.90 1.47 0.00	24.22 1.67 0.00	23.94 1.48 0.00	23.67 1.35 0.00

JAMAICA__27_KV_LOAD 355505	26.82 0.41 0.00	23.65 0.43 0.00	21.90 0.45 -0.01	22.01 0.32 0.00	22.50 0.39 0.00	26.79 0.55 0.00	31.34 1.10 0.00	29.87 1.20 0.00	24.25 0.85 0.00	22.38 0.82 0.00	23.33 0.89 0.00	23.80 0.90 0.00	21.00 0.71 0.00	20.23 0.71 0.00	18.47 0.73 0.00	19.92 0.78 0.00	22.41 0.86 0.00	26.50 1.25 0.00	29.51 1.69 0.00	23.50 1.41 0.00	21.58 1.15 0.00	23.80 1.25 0.00	23.59 1.13 0.00	23.32 1.00 0.00
JANIS__SOLAR 323808	32.70 0.97 -5.32	26.31 0.81 -2.28	24.97 0.80 -2.72	24.71 0.86 -2.16	23.96 0.84 -1.02	29.12 1.15 -1.73	32.49 1.58 -0.67	30.29 1.38 -0.24	24.41 0.69 -0.32	22.01 0.36 -0.10	22.59 0.15 0.00	23.00 0.10 0.00	20.36 0.07 0.00	19.61 0.09 0.00	17.79 0.04 0.00	19.26 0.13 0.00	21.88 0.34 0.00	26.16 0.91 0.00	28.82 1.00 0.00	22.76 0.67 0.00	20.87 0.45 0.00	22.91 0.36 0.00	22.74 0.29 0.00	22.68 0.36 0.00
JARVIS____ 23743	26.35 -0.07 0.00	23.17 -0.05 0.00	21.40 -0.05 0.00	21.65 -0.04 0.00	22.08 -0.02 0.00	26.25 0.00 0.00	30.34 0.10 0.00	28.79 0.11 0.00	23.41 0.01 0.00	21.53 -0.03 0.00	22.41 -0.03 0.00	22.87 -0.02 0.00	20.25 -0.04 0.00	19.49 -0.03 0.00	17.73 -0.02 0.00	19.12 -0.01 0.00	21.56 0.01 0.00	25.33 0.08 0.00	27.98 0.16 0.00	22.20 0.11 0.00	20.51 0.08 0.00	22.62 0.07 0.00	22.49 0.03 0.00	22.34 0.02 0.00
JENNISON____1 23625	27.14 0.73 0.00	24.03 0.81 0.00	22.30 0.85 0.00	22.61 0.92 0.00	23.01 0.90 0.00	27.49 1.24 0.00	31.95 1.70 0.00	30.21 1.54 0.00	24.41 1.01 0.00	22.38 0.82 0.00	23.11 0.67 0.00	23.53 0.63 0.00	20.79 0.50 0.00	19.98 0.46 0.00	18.13 0.39 0.00	19.58 0.44 0.00	22.11 0.57 0.00	26.13 0.87 0.00	28.40 0.58 0.00	22.31 0.22 0.00	20.52 0.09 0.00	22.55 0.00 0.00	22.52 0.08 0.00	22.65 0.33 0.00
JENNISON____2 23626	27.14 0.73 0.00	24.03 0.81 0.00	22.30 0.85 0.00	22.61 0.92 0.00	23.01 0.90 0.00	27.49 1.24 0.00	31.95 1.70 0.00	30.21 1.54 0.00	24.41 1.01 0.00	22.38 0.82 0.00	23.11 0.67 0.00	23.53 0.63 0.00	20.79 0.50 0.00	19.98 0.46 0.00	18.13 0.39 0.00	19.58 0.44 0.00	22.11 0.57 0.00	26.13 0.87 0.00	28.40 0.58 0.00	22.31 0.22 0.00	20.52 0.09 0.00	22.55 0.00 0.00	22.52 0.08 0.00	22.65 0.33 0.00
JERICHO_RISE_WT_PWR 323719	27.34 0.93 0.00	24.20 0.98 0.00	22.39 0.94 0.00	22.67 0.98 0.00	23.03 0.93 0.00	27.16 0.92 0.00	31.05 0.80 0.00	29.20 0.52 0.00	24.07 0.67 0.00	22.24 0.69 0.00	23.09 0.65 0.00	23.49 0.58 0.00	20.74 0.45 0.00	19.87 0.35 0.00	17.96 0.22 0.00	19.32 0.18 0.00	21.75 0.20 0.00	25.31 0.06 0.00	27.33 -0.49 0.00	21.59 -0.51 0.00	19.92 -0.50 0.00	22.20 -0.35 0.00	22.61 0.16 0.00	22.82 0.50 0.00
KATONAH__115KV_46KV_TB4 355592	26.91 0.49 0.00	23.66 0.44 0.00	21.78 0.33 0.00	22.03 0.34 0.00	22.51 0.41 0.00	26.82 0.58 0.00	31.31 1.07 0.00	29.85 1.17 0.00	24.19 0.79 0.00	22.27 0.71 0.00	23.21 0.78 0.00	23.68 0.78 0.00	20.92 0.63 0.00	20.11 0.59 0.00	18.34 0.59 0.00	19.80 0.66 0.00	22.31 0.76 0.00	26.39 1.14 0.00	29.40 1.58 0.00	23.38 1.28 0.00	21.50 1.07 0.00	23.71 1.16 0.00	23.50 1.05 0.00	23.27 0.95 0.00
KCE_NY_1 323755	27.10 0.69 0.00	23.84 0.63 0.00	21.98 0.54 0.00	22.26 0.57 0.00	22.76 0.66 0.00	27.08 0.84 0.00	31.53 1.28 0.00	29.90 1.23 0.00	24.05 0.65 0.00	21.94 0.38 0.00	22.85 0.41 0.00	23.34 0.44 0.00	20.63 0.34 0.00	19.84 0.32 0.00	18.08 0.34 0.00	19.55 0.42 0.00	22.22 0.67 0.00	26.23 0.98 0.00	29.11 1.29 0.00	23.09 0.99 0.00	21.34 0.91 0.00	23.48 0.93 0.00	23.32 0.87 0.00	23.12 0.80 0.00
KCE_NY_6_ESR 323823	-4.82 -0.38 30.86	9.19 -0.80 13.23	5.05 -0.62 15.78	8.44 -0.72 12.53	15.23 -0.96 5.91	15.08 -1.13 10.03	24.40 -1.94 3.91	25.22 -1.75 1.70	20.43 -1.04 1.93	20.05 -0.95 0.56	21.31 -1.13 0.00	21.80 -1.10 0.00	19.50 -0.79 0.00	18.93 -0.59 0.00	17.09 -0.66 0.00	18.40 -0.73 0.00	20.54 -1.00 0.00	23.78 -1.47 0.00	25.93 -1.89 0.00	20.38 -1.71 0.00	18.73 -1.70 0.00	20.59 -1.96 0.00	20.48 -1.97 0.00	20.52 -1.80 0.00
KEDC_PORT_JEFF_GT2 24210	27.31 0.89 0.00	23.95 0.73 0.00	22.07 0.62 0.00	22.23 0.55 0.00	22.71 0.61 0.00	27.01 0.77 0.00	31.38 1.13 0.00	29.57 0.89 0.00	24.05 0.65 0.00	22.21 0.65 0.00	23.40 0.96 0.00	23.94 1.04 0.00	21.13 0.84 0.00	20.29 0.77 0.00	18.55 0.81 0.00	20.02 0.89 0.00	22.57 1.02 0.00	26.70 1.44 0.00	29.81 1.99 0.00	23.73 1.64 0.00	21.76 1.33 0.00	24.07 1.51 0.00	23.79 1.34 0.00	23.54 1.21 0.00
KEDC_PORT_JEFF_GT3 24211	27.31 0.89 0.00	23.95 0.73 0.00	22.07 0.62 0.00	22.23 0.55 0.00	22.71 0.61 0.00	27.01 0.77 0.00	31.38 1.13 0.00	29.57 0.89 0.00	24.05 0.65 0.00	22.21 0.65 0.00	23.40 0.96 0.00	23.94 1.04 0.00	21.13 0.84 0.00	20.29 0.77 0.00	18.55 0.81 0.00	20.02 0.89 0.00	22.57 1.02 0.00	26.70 1.44 0.00	29.81 1.99 0.00	23.73 1.64 0.00	21.76 1.33 0.00	24.07 1.51 0.00	23.79 1.34 0.00	23.54 1.21 0.00
KEDC_GLWD_GT4 24219	27.33 0.92 0.00	23.99 0.77 0.00	22.08 0.63 0.00	22.29 0.60 0.00	22.78 0.68 0.00	27.12 0.88 0.00	31.64 1.39 0.00	30.01 1.34 0.00	24.36 0.96 0.00	22.47 0.91 0.00	23.58 1.14 0.00	24.11 1.21 0.00	21.30 1.01 0.00	20.46 0.95 0.00	18.68 0.94 0.00	20.19 1.06 0.00	22.73 1.18 0.00	26.89 1.63 0.00	29.98 2.16 0.00	23.84 1.75 0.00	21.88 1.46 0.00	24.17 1.61 0.00	23.91 1.46 0.00	23.64 1.32 0.00
KEDC_GLWD_GT5 24220	27.33 0.92 0.00	23.99 0.77 0.00	22.08 0.63 0.00	22.29 0.60 0.00	22.78 0.68 0.00	27.12 0.88 0.00	31.64 1.39 0.00	30.01 1.34 0.00	24.36 0.96 0.00	22.47 0.91 0.00	23.58 1.14 0.00	24.11 1.21 0.00	21.30 1.01 0.00	20.46 0.95 0.00	18.68 0.94 0.00	20.19 1.06 0.00	22.73 1.18 0.00	26.89 1.63 0.00	29.98 2.16 0.00	23.84 1.75 0.00	21.88 1.46 0.00	24.17 1.61 0.00	23.91 1.46 0.00	23.64 1.32 0.00
KENSICO____ 23655	26.79 0.38 0.00	23.56 0.34 0.00	21.68 0.24 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.68 0.44 0.00	31.13 0.88 0.00	29.67 1.00 0.00	24.09 0.68 0.00	22.20 0.64 0.00	23.16 0.72 0.00	23.64 0.74 0.00	20.88 0.59 0.00	20.07 0.55 0.00	18.31 0.57 0.00	19.77 0.63 0.00	22.26 0.71 0.00	26.31 1.06 0.00	29.30 1.48 0.00	23.31 1.21 0.00	21.42 0.99 0.00	23.64 1.09 0.00	23.43 0.98 0.00	23.20 0.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.28 0.87 0.00	23.97 0.76 0.00	22.10 0.65 0.00	22.35 0.66 0.00	22.83 0.72 0.00	27.20 0.95 0.00	31.73 1.48 0.00	30.21 1.54 0.00	24.39 0.99 0.00	22.22 0.66 0.00	23.05 0.62 0.00	23.56 0.66 0.00	20.90 0.60 0.00	20.10 0.59 0.00	18.27 0.53 0.00	19.74 0.61 0.00	22.32 0.78 0.00	26.57 1.32 0.00	29.62 1.80 0.00	23.56 1.46 0.00	21.66 1.23 0.00	23.88 1.33 0.00	23.67 1.23 0.00	23.44 1.12 0.00

KIAC_JFK_GT1 23816	26.74 0.32 0.00	23.57 0.36 0.00	21.83 0.38 -0.01	21.93 0.25 0.00	22.42 0.32 0.00	26.71 0.46 0.00	31.23 0.99 0.00	29.76 1.08 0.00	24.16 0.76 0.00	22.31 0.75 0.00	23.25 0.81 0.00	23.72 0.82 0.00	20.94 0.65 0.00	20.17 0.65 0.00	18.42 0.67 0.00	19.85 0.72 0.00	22.34 0.79 0.00	26.41 1.16 0.00	29.41 1.59 0.00	23.42 1.32 0.00	21.51 1.08 0.00	23.72 1.17 0.00	23.51 1.05 0.00	23.25 0.92 0.00
KIAC_JFK_GT2 23817	26.74 0.32 0.00	23.57 0.36 0.00	21.83 0.38 -0.01	21.93 0.25 0.00	22.42 0.32 0.00	26.71 0.46 0.00	31.23 0.99 0.00	29.76 1.08 0.00	24.16 0.76 0.00	22.31 0.75 0.00	23.25 0.81 0.00	23.72 0.82 0.00	20.94 0.65 0.00	20.17 0.65 0.00	18.42 0.67 0.00	19.85 0.72 0.00	22.34 0.79 0.00	26.41 1.16 0.00	29.41 1.59 0.00	23.42 1.32 0.00	21.51 1.08 0.00	23.72 1.17 0.00	23.51 1.05 0.00	23.25 0.92 0.00
KIAC_JFK____ 323774	26.74 0.33 0.00	23.56 0.35 0.00	21.83 0.38 -0.01	21.92 0.24 0.00	22.42 0.31 0.00	26.71 0.46 0.00	31.23 0.99 0.00	29.75 1.08 0.00	24.16 0.76 0.00	22.31 0.75 0.00	23.25 0.81 0.00	23.72 0.82 0.00	20.94 0.65 0.00	20.17 0.65 0.00	18.42 0.67 0.00	19.86 0.72 0.00	22.34 0.79 0.00	26.41 1.16 0.00	29.41 1.59 0.00	23.42 1.32 0.00	21.51 1.08 0.00	23.72 1.17 0.00	23.51 1.05 0.00	23.25 0.92 0.00
KINTIGH____ 23543	25.33 -1.09 0.00	21.86 -1.35 0.00	20.34 -1.10 0.00	20.50 -1.19 0.00	20.66 -1.44 0.00	24.54 -1.70 0.00	27.78 -2.46 0.00	26.36 -2.31 0.00	21.80 -1.61 0.00	20.12 -1.44 0.00	20.85 -1.59 0.00	21.31 -1.59 0.00	19.07 -1.22 0.00	18.48 -1.04 0.00	16.69 -1.05 0.00	17.98 -1.15 0.00	20.09 -1.46 0.00	23.30 -1.96 0.00	25.48 -2.34 0.00	20.06 -2.03 0.00	18.50 -1.93 0.00	20.34 -2.21 0.00	20.24 -2.21 0.00	20.28 -2.05 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.76 1.35 0.00	24.55 1.33 0.00	22.72 1.28 0.00	23.01 1.32 0.00	23.38 1.28 0.00	27.55 1.31 0.00	31.57 1.32 0.00	29.65 0.97 0.00	24.37 0.97 0.00	22.48 0.92 0.00	23.29 0.86 0.00	23.66 0.76 0.00	20.90 0.62 0.00	20.04 0.53 0.00	18.15 0.40 0.00	19.51 0.38 0.00	22.01 0.46 0.00	25.68 0.42 0.00	27.78 -0.04 0.00	21.92 -0.17 0.00	20.21 -0.22 0.00	22.52 -0.03 0.00	22.93 0.48 0.00	23.13 0.81 0.00
LACHUTE____HYDRO 323717	28.44 2.02 0.00	24.93 1.71 0.00	22.97 1.53 0.00	23.32 1.63 0.00	23.86 1.76 0.00	28.29 2.05 0.00	33.15 2.91 0.00	31.49 2.82 0.00	24.89 1.49 0.00	22.45 0.89 0.00	23.33 0.90 0.00	23.85 0.95 0.00	21.07 0.78 0.00	20.38 0.87 0.00	18.69 0.95 0.00	20.37 1.24 0.00	23.19 1.65 0.00	27.61 2.36 0.00	30.60 2.78 0.00	24.17 2.08 0.00	22.32 1.90 0.00	24.29 1.74 0.00	24.02 1.57 0.00	23.68 1.36 0.00
LAWRNCV_115KV_TB1 80681	27.14 0.72 0.00	23.95 0.73 0.00	22.15 0.71 0.00	22.42 0.73 0.00	22.75 0.65 0.00	26.78 0.54 0.00	30.67 0.43 0.00	28.89 0.21 0.00	23.66 0.26 0.00	21.89 0.33 0.00	22.91 0.48 0.00	23.40 0.50 0.00	20.65 0.36 0.00	19.67 0.16 0.00	17.75 0.01 0.00	19.12 -0.02 0.00	21.39 -0.16 0.00	24.92 -0.33 0.00	27.24 -0.58 0.00	21.57 -0.53 0.00	19.97 -0.46 0.00	22.40 -0.16 0.00	22.55 0.10 0.00	22.33 0.01 0.00
LEDERLE____ 23769	26.85 0.44 0.00	23.61 0.39 0.00	21.73 0.28 0.00	21.98 0.29 0.00	22.46 0.36 0.00	26.74 0.49 0.00	31.19 0.94 0.00	29.73 1.05 0.00	24.13 0.73 0.00	22.27 0.72 0.00	23.24 0.80 0.00	23.72 0.82 0.00	20.94 0.65 0.00	20.13 0.61 0.00	18.35 0.61 0.00	19.82 0.69 0.00	22.32 0.78 0.00	26.39 1.14 0.00	29.38 1.57 0.00	23.37 1.28 0.00	21.46 1.03 0.00	23.69 1.14 0.00	23.48 1.03 0.00	23.26 0.94 0.00
LIGHTHSE_115KV_TB6 355974	25.61 -0.80 0.00	22.52 -0.70 0.00	20.91 -0.53 0.00	21.22 -0.47 0.00	21.62 -0.48 0.00	25.76 -0.49 0.00	29.78 -0.46 0.00	28.22 -0.46 0.00	22.80 -0.60 0.00	20.89 -0.66 0.00	21.64 -0.79 0.00	22.10 -0.80 0.00	19.58 -0.71 0.00	18.83 -0.68 0.00	17.11 -0.64 0.00	18.44 -0.69 0.00	20.81 -0.74 0.00	24.59 -0.67 0.00	27.16 -0.66 0.00	21.41 -0.69 0.00	19.65 -0.78 0.00	21.69 -0.87 0.00	21.51 -0.94 0.00	21.32 -1.00 0.00
LINDEN COGEN____ 23786	26.55 0.14 0.00	23.35 0.14 0.00	21.53 0.08 0.00	21.74 0.05 0.00	22.23 0.13 0.00	26.48 0.23 0.00	30.94 0.69 0.00	29.51 0.83 0.00	23.98 0.58 0.00	22.14 0.58 0.00	23.10 0.66 0.00	23.58 0.68 0.00	20.82 0.53 0.00	20.01 0.50 0.00	18.29 0.54 0.00	19.72 0.59 0.00	22.17 0.62 0.00	26.22 0.96 0.00	29.21 1.39 0.00	23.25 1.16 0.00	21.34 0.91 0.00	23.55 1.00 0.00	23.32 0.88 0.00	23.09 0.77 0.00
LINDHRST_69_KV_BK1 356055	27.42 1.01 0.00	24.06 0.84 0.00	22.14 0.69 0.00	22.34 0.65 0.00	22.82 0.71 0.00	27.15 0.91 0.00	31.62 1.38 0.00	29.90 1.22 0.00	24.31 0.91 0.00	22.40 0.84 0.00	23.54 1.10 0.00	24.06 1.16 0.00	21.24 0.95 0.00	20.40 0.88 0.00	18.65 0.90 0.00	20.16 1.02 0.00	22.71 1.16 0.00	26.89 1.64 0.00	30.01 2.19 0.00	23.89 1.79 0.00	21.91 1.48 0.00	24.23 1.68 0.00	23.95 1.50 0.00	23.69 1.37 0.00
LIPA_MISC_IPP 23656	27.23 0.81 0.00	23.89 0.67 0.00	22.01 0.57 0.00	22.18 0.49 0.00	22.66 0.56 0.00	26.92 0.68 0.00	31.22 0.98 0.00	29.35 0.67 0.00	23.89 0.49 0.00	22.08 0.52 0.00	23.31 0.87 0.00	23.85 0.95 0.00	21.03 0.74 0.00	20.20 0.68 0.00	18.48 0.73 0.00	19.93 0.80 0.00	22.47 0.92 0.00	26.55 1.30 0.00	29.64 1.82 0.00	23.61 1.52 0.00	21.64 1.22 0.00	23.95 1.40 0.00	23.68 1.23 0.00	23.43 1.11 0.00
LISF__SOLAR 323691	27.28 0.86 0.00	23.92 0.70 0.00	22.05 0.60 0.00	22.21 0.52 0.00	22.69 0.59 0.00	26.96 0.71 0.00	31.27 1.03 0.00	29.37 0.70 0.00	23.90 0.50 0.00	22.10 0.53 0.00	23.31 0.87 0.00	23.85 0.95 0.00	21.03 0.74 0.00	20.20 0.69 0.00	18.48 0.74 0.00	19.94 0.81 0.00	22.49 0.94 0.00	26.60 1.35 0.00	29.70 1.88 0.00	23.65 1.55 0.00	21.68 1.26 0.00	23.99 1.44 0.00	23.72 1.27 0.00	23.47 1.14 0.00
LITTLE FALLS____HYD 24013	25.83 -0.58 0.00	22.67 -0.54 0.00	20.87 -0.58 0.00	21.17 -0.52 0.00	21.73 -0.38 0.00	25.94 -0.30 0.00	30.42 0.17 0.00	28.93 0.26 0.00	23.09 -0.31 0.00	20.95 -0.60 0.00	21.82 -0.61 0.00	22.23 -0.67 0.00	19.62 -0.68 0.00	18.85 -0.67 0.00	17.23 -0.52 0.00	18.58 -0.55 0.00	21.14 -0.40 0.00	25.04 -0.21 0.00	27.94 0.12 0.00	22.12 0.02 0.00	20.42 -0.01 0.00	22.51 -0.04 0.00	22.29 -0.17 0.00	22.08 -0.24 0.00
LITTLRIV_115KV_TB1 356100	27.49 1.08 0.00	24.26 1.04 0.00	22.44 0.99 0.00	22.71 1.02 0.00	23.04 0.94 0.00	27.14 0.90 0.00	31.10 0.85 0.00	29.26 0.58 0.00	23.89 0.49 0.00	22.08 0.52 0.00	23.10 0.66 0.00	23.59 0.69 0.00	20.81 0.52 0.00	19.82 0.30 0.00	17.88 0.14 0.00	19.27 0.14 0.00	21.57 0.03 0.00	25.25 0.00 0.00	27.63 -0.19 0.00	21.87 -0.22 0.00	20.27 -0.16 0.00	22.71 0.16 0.00	22.85 0.40 0.00	22.63 0.30 0.00

LI_NEWBRDGE___DRP 323616	27.00 0.59 0.00	23.71 0.49 0.00	21.83 0.38 0.00	22.03 0.34 0.00	22.52 0.42 0.00	26.79 0.54 0.00	31.21 0.96 0.00	29.59 0.92 0.00	24.03 0.63 0.00	22.16 0.60 0.00	23.26 0.82 0.00	23.78 0.88 0.00	21.00 0.72 0.00	20.17 0.66 0.00	18.43 0.69 0.00	19.90 0.77 0.00	22.40 0.85 0.00	26.49 1.24 0.00	29.53 1.72 0.00	23.50 1.41 0.00	21.58 1.15 0.00	23.84 1.29 0.00	23.60 1.14 0.00	23.35 1.03 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.68 -0.73 0.00	22.04 -1.17 0.00	20.56 -0.89 0.00	20.67 -1.02 0.00	20.74 -1.37 0.00	24.69 -1.56 0.00	27.70 -2.55 0.00	26.24 -2.44 0.00	21.77 -1.63 0.00	20.05 -1.51 0.00	20.71 -1.73 0.00	21.15 -1.75 0.00	18.98 -1.31 0.00	18.42 -1.10 0.00	16.61 -1.13 0.00	17.90 -1.23 0.00	20.00 -1.55 0.00	23.17 -2.09 0.00	25.27 -2.55 0.00	19.85 -2.24 0.00	18.32 -2.11 0.00	20.11 -2.44 0.00	20.00 -2.45 0.00	20.07 -2.25 0.00
LOCKPORT___CC1 323769	0.56 -0.82 25.04	11.31 -1.17 10.73	7.70 -0.95 12.80	10.46 -1.06 10.17	15.96 -1.35 4.80	16.52 -1.58 8.14	24.49 -2.58 3.17	24.84 -2.47 1.37	20.21 -1.63 1.56	19.61 -1.50 0.45	20.72 -1.72 0.00	21.16 -1.74 0.00	18.97 -1.32 0.00	18.42 -1.10 0.00	16.61 -1.13 0.00	17.90 -1.23 0.00	19.99 -1.55 0.00	23.15 -2.11 0.00	25.24 -2.57 0.00	19.83 -2.26 0.00	18.30 -2.13 0.00	20.09 -2.46 0.00	19.99 -2.46 0.00	20.07 -2.25 0.00
LOCKPORT___CC2 323770	0.56 -0.82 25.04	11.31 -1.17 10.73	7.70 -0.95 12.80	10.46 -1.06 10.17	15.96 -1.35 4.80	16.52 -1.58 8.14	24.49 -2.58 3.17	24.84 -2.47 1.37	20.21 -1.63 1.56	19.61 -1.50 0.45	20.72 -1.72 0.00	21.16 -1.74 0.00	18.97 -1.32 0.00	18.42 -1.10 0.00	16.61 -1.13 0.00	17.90 -1.23 0.00	19.99 -1.55 0.00	23.15 -2.11 0.00	25.24 -2.57 0.00	19.83 -2.26 0.00	18.30 -2.13 0.00	20.09 -2.46 0.00	19.99 -2.46 0.00	20.07 -2.25 0.00
LOCKPORT___CC3 323771	0.56 -0.82 25.04	11.31 -1.17 10.73	7.70 -0.95 12.80	10.46 -1.06 10.17	15.96 -1.35 4.80	16.52 -1.58 8.14	24.49 -2.58 3.17	24.84 -2.47 1.37	20.21 -1.63 1.56	19.61 -1.50 0.45	20.72 -1.72 0.00	21.16 -1.74 0.00	18.97 -1.32 0.00	18.42 -1.10 0.00	16.61 -1.13 0.00	17.90 -1.23 0.00	19.99 -1.55 0.00	23.15 -2.11 0.00	25.24 -2.57 0.00	19.83 -2.26 0.00	18.30 -2.13 0.00	20.09 -2.46 0.00	19.99 -2.46 0.00	20.07 -2.25 0.00
LONG_LAKE_PHOENIX 24014	25.80 -0.61 0.00	22.58 -0.64 0.00	20.91 -0.54 0.00	21.14 -0.55 0.00	21.51 -0.59 0.00	25.62 -0.62 0.00	29.56 -0.69 0.00	28.07 -0.61 0.00	22.84 -0.56 0.00	20.99 -0.57 0.00	21.78 -0.66 0.00	22.20 -0.70 0.00	19.71 -0.51 0.00	19.01 -0.51 0.00	17.29 -0.46 0.00	18.64 -0.49 0.00	21.00 -0.54 0.00	24.70 -0.56 0.00	27.25 -0.57 0.00	21.60 -0.49 0.00	19.88 -0.55 0.00	21.91 -0.64 0.00	21.74 -0.71 0.00	21.63 -0.69 0.00
LOVETT___3 23632	26.72 0.31 0.00	23.50 0.29 0.00	21.63 0.19 0.00	21.87 0.18 0.00	22.36 0.26 0.00	26.61 0.37 0.00	31.04 0.79 0.00	29.58 0.91 0.00	24.01 0.61 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.59 0.69 0.00	20.82 0.53 0.00	20.02 0.50 0.00	18.25 0.51 0.00	19.72 0.58 0.00	22.19 0.65 0.00	26.24 0.99 0.00	29.22 1.40 0.00	23.24 1.15 0.00	21.35 0.92 0.00	23.56 1.01 0.00	23.36 0.92 0.00	23.15 0.83 0.00
LOVETT___4 23642	26.72 0.31 0.00	23.50 0.29 0.00	21.63 0.19 0.00	21.87 0.18 0.00	22.36 0.26 0.00	26.61 0.37 0.00	31.04 0.79 0.00	29.58 0.91 0.00	24.01 0.61 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.59 0.69 0.00	20.82 0.53 0.00	20.02 0.50 0.00	18.25 0.51 0.00	19.72 0.58 0.00	22.19 0.65 0.00	26.24 0.99 0.00	29.22 1.40 0.00	23.24 1.15 0.00	21.35 0.92 0.00	23.56 1.01 0.00	23.36 0.92 0.00	23.15 0.83 0.00
LOVETT___5 23593	26.72 0.31 0.00	23.50 0.29 0.00	21.63 0.19 0.00	21.87 0.18 0.00	22.36 0.26 0.00	26.61 0.37 0.00	31.04 0.79 0.00	29.58 0.91 0.00	24.01 0.61 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.59 0.69 0.00	20.82 0.53 0.00	20.02 0.50 0.00	18.25 0.51 0.00	19.72 0.58 0.00	22.19 0.65 0.00	26.24 0.99 0.00	29.22 1.40 0.00	23.24 1.15 0.00	21.35 0.92 0.00	23.56 1.01 0.00	23.36 0.92 0.00	23.15 0.83 0.00
LOWER RAQUET___HYD 24057	27.13 0.71 0.00	23.95 0.73 0.00	22.16 0.71 0.00	22.43 0.74 0.00	22.75 0.65 0.00	26.79 0.54 0.00	30.68 0.44 0.00	28.91 0.23 0.00	23.64 0.23 0.00	21.86 0.30 0.00	22.87 0.44 0.00	23.35 0.45 0.00	20.59 0.30 0.00	19.60 0.08 0.00	17.67 -0.07 0.00	19.02 -0.11 0.00	21.29 -0.25 0.00	24.82 -0.43 0.00	27.14 -0.68 0.00	21.47 -0.62 0.00	19.87 -0.56 0.00	22.33 -0.22 0.00	22.49 0.04 0.00	22.24 -0.08 0.00
LOWER___HUDSON 24059	26.69 0.27 0.00	23.52 0.31 0.00	21.67 0.23 0.00	21.94 0.25 0.00	22.43 0.33 0.00	26.69 0.44 0.00	31.03 0.79 0.00	29.49 0.82 0.00	23.73 0.33 0.00	21.66 0.10 0.00	22.59 0.15 0.00	23.09 0.19 0.00	20.42 0.12 0.00	19.66 0.14 0.00	17.90 0.16 0.00	19.31 0.18 0.00	21.89 0.34 0.00	25.79 0.54 0.00	28.68 0.86 0.00	22.75 0.65 0.00	21.05 0.62 0.00	23.19 0.64 0.00	23.05 0.60 0.00	22.88 0.56 0.00
LOWVILLE_115KV_TB2 356335	26.09 -0.32 0.00	23.15 -0.07 0.00	21.65 0.20 0.00	22.05 0.36 0.00	22.51 0.41 0.00	26.79 0.55 0.00	31.04 0.80 0.00	29.28 0.60 0.00	23.47 0.07 0.00	21.43 -0.13 0.00	22.23 -0.21 0.00	22.75 -0.15 0.00	20.06 -0.23 0.00	19.20 -0.32 0.00	17.37 -0.38 0.00	18.71 -0.42 0.00	21.22 -0.33 0.00	25.19 -0.07 0.00	27.60 -0.22 0.00	21.49 -0.61 0.00	19.71 -0.72 0.00	21.80 -0.76 0.00	21.64 -0.81 0.00	21.38 -0.94 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.11 0.70 0.00	23.85 0.64 0.00	21.99 0.55 0.00	22.26 0.57 0.00	22.76 0.65 0.00	27.09 0.85 0.00	31.51 1.27 0.00	29.90 1.22 0.00	24.06 0.66 0.00	21.94 0.38 0.00	22.86 0.42 0.00	23.35 0.45 0.00	20.65 0.35 0.00	19.85 0.33 0.00	18.09 0.35 0.00	19.55 0.42 0.00	22.20 0.66 0.00	26.23 0.97 0.00	29.12 1.30 0.00	23.08 0.99 0.00	21.34 0.91 0.00	23.47 0.93 0.00	23.32 0.86 0.00	23.12 0.80 0.00
LUTHERNY_35_KV_BK2 355980	27.10 0.69 0.00	23.85 0.63 0.00	21.99 0.54 0.00	22.26 0.57 0.00	22.76 0.66 0.00	27.09 0.84 0.00	31.53 1.28 0.00	29.90 1.23 0.00	24.05 0.65 0.00	21.94 0.38 0.00	22.84 0.41 0.00	23.34 0.44 0.00	20.63 0.34 0.00	19.84 0.32 0.00	18.08 0.34 0.00	19.55 0.42 0.00	22.22 0.67 0.00	26.23 0.98 0.00	29.11 1.29 0.00	23.09 0.99 0.00	21.34 0.91 0.00	23.48 0.93 0.00	23.32 0.87 0.00	23.12 0.80 0.00
LWR___OSWEGATCHIE_HYD 23850	26.33 -0.08 0.00	23.30 0.08 0.00	21.69 0.24 0.00	22.02 0.34 0.00	22.40 0.30 0.00	26.52 0.28 0.00	30.56 0.31 0.00	28.80 0.13 0.00	23.31 -0.09 0.00	21.40 -0.16 0.00	22.30 -0.14 0.00	22.79 -0.10 0.00	20.09 -0.19 0.00	19.16 -0.35 0.00	17.31 -0.44 0.00	18.64 -0.50 0.00	20.99 -0.55 0.00	24.71 -0.54 0.00	27.10 -0.72 0.00	21.27 -0.82 0.00	19.59 -0.84 0.00	21.86 -0.69 0.00	21.86 -0.59 0.00	21.58 -0.74 0.00

LYONS_FALL_HYD 23570	26.39 -0.02 0.00	23.32 0.11 0.00	21.71 0.26 0.00	22.06 0.37 0.00	22.51 0.41 0.00	26.81 0.56 0.00	31.07 0.83 0.00	29.44 0.76 0.00	23.62 0.22 0.00	21.61 0.05 0.00	22.44 0.00 0.00	22.93 0.03 0.00	20.25 -0.04 0.00	19.41 -0.10 0.00	17.61 -0.13 0.00	18.97 -0.16 0.00	21.49 -0.06 0.00	25.45 0.20 0.00	27.97 0.15 0.00	21.93 -0.17 0.00	20.16 -0.27 0.00	22.27 -0.28 0.00	22.11 -0.34 0.00	21.87 -0.45 0.00
MADISON___COUNTY_LFGE 323628	26.87 0.45 0.00	23.58 0.37 0.00	21.82 0.38 0.00	22.10 0.41 0.00	22.53 0.43 0.00	26.86 0.62 0.00	31.16 0.92 0.00	29.55 0.87 0.00	23.78 0.38 0.00	21.77 0.22 0.00	22.63 0.19 0.00	23.09 0.19 0.00	20.45 0.16 0.00	19.66 0.14 0.00	17.88 0.14 0.00	19.29 0.16 0.00	21.82 0.28 0.00	25.83 0.58 0.00	28.54 0.73 0.00	22.56 0.46 0.00	20.76 0.33 0.00	22.90 0.35 0.00	22.70 0.25 0.00	22.52 0.20 0.00
MALONE___115KV_TB1 356076	27.62 1.21 0.00	24.41 1.20 0.00	22.59 1.14 0.00	22.87 1.19 0.00	23.23 1.13 0.00	27.42 1.17 0.00	31.40 1.16 0.00	29.57 0.89 0.00	24.29 0.89 0.00	22.42 0.86 0.00	23.28 0.84 0.00	23.69 0.79 0.00	20.90 0.61 0.00	19.98 0.47 0.00	18.04 0.30 0.00	19.43 0.29 0.00	21.85 0.30 0.00	25.49 0.24 0.00	27.65 -0.17 0.00	21.85 -0.25 0.00	20.17 -0.25 0.00	22.50 -0.05 0.00	22.85 0.40 0.00	22.93 0.61 0.00
MAPLEWOD_115KV_TB3 80458	26.81 0.39 0.00	23.63 0.41 0.00	21.78 0.33 0.00	22.03 0.35 0.00	22.52 0.42 0.00	26.79 0.55 0.00	31.14 0.90 0.00	29.60 0.93 0.00	23.86 0.46 0.00	21.83 0.27 0.00	22.74 0.30 0.00	23.24 0.34 0.00	20.56 0.27 0.00	19.80 0.28 0.00	18.03 0.29 0.00	19.45 0.32 0.00	22.00 0.45 0.00	25.92 0.67 0.00	28.82 1.00 0.00	22.86 0.77 0.00	21.13 0.70 0.00	23.29 0.74 0.00	23.15 0.71 0.00	22.97 0.65 0.00
MAPLE_RIDGE_WT_1 323574	26.20 -0.21 0.00	23.24 0.02 0.00	21.54 0.09 0.00	21.83 0.14 0.00	22.24 0.14 0.00	26.35 0.11 0.00	30.29 0.04 0.00	28.65 -0.02 0.00	23.46 0.07 0.00	21.65 0.09 0.00	22.56 0.12 0.00	23.02 0.12 0.00	20.39 0.10 0.00	19.58 0.06 0.00	17.78 0.03 0.00	19.16 0.03 0.00	21.54 -0.01 0.00	25.12 -0.14 0.00	27.35 -0.47 0.00	21.61 -0.48 0.00	19.91 -0.52 0.00	21.85 -0.70 0.00	21.88 -0.57 0.00	21.73 -0.60 0.00
MAPLE_RIDGE_WT_2 323611	26.20 -0.21 0.00	23.24 0.02 0.00	21.54 0.09 0.00	21.83 0.14 0.00	22.24 0.14 0.00	26.35 0.11 0.00	30.29 0.04 0.00	28.65 -0.02 0.00	23.46 0.07 0.00	21.65 0.09 0.00	22.56 0.12 0.00	23.02 0.12 0.00	20.39 0.10 0.00	19.58 0.06 0.00	17.78 0.03 0.00	19.16 0.03 0.00	21.54 -0.01 0.00	25.12 -0.14 0.00	27.35 -0.47 0.00	21.61 -0.48 0.00	19.91 -0.52 0.00	21.85 -0.70 0.00	21.88 -0.57 0.00	21.73 -0.60 0.00
MARBLE_RIVER_WT_PWR 323696	27.36 0.95 0.00	24.21 0.99 0.00	22.41 0.96 0.00	22.69 1.01 0.00	23.07 0.96 0.00	27.18 0.94 0.00	31.09 0.85 0.00	29.22 0.55 0.00	24.07 0.66 0.00	22.24 0.68 0.00	23.07 0.63 0.00	23.45 0.55 0.00	20.72 0.42 0.00	19.86 0.34 0.00	17.97 0.23 0.00	19.32 0.19 0.00	21.75 0.20 0.00	25.33 0.07 0.00	27.34 -0.47 0.00	21.59 -0.51 0.00	19.91 -0.52 0.00	22.17 -0.38 0.00	22.59 0.14 0.00	22.82 0.49 0.00
MARSHVLE_115KV_TB1 80742	27.87 1.45 0.00	24.40 1.19 0.00	22.56 1.11 0.00	22.86 1.17 0.00	23.28 1.18 0.00	27.67 1.43 0.00	31.92 1.68 0.00	30.24 1.57 0.00	24.62 1.22 0.00	22.65 1.09 0.00	23.47 1.03 0.00	23.97 1.07 0.00	21.24 0.95 0.00	20.40 0.88 0.00	18.52 0.78 0.00	19.94 0.81 0.00	22.47 0.93 0.00	26.50 1.25 0.00	29.12 1.31 0.00	23.00 0.90 0.00	21.22 0.79 0.00	23.41 0.86 0.00	23.29 0.84 0.00	23.15 0.82 0.00
MARSH_HILL_WT_PWR 323713	33.16 -0.22 -6.96	25.97 -0.23 -2.99	24.60 -0.41 -3.56	24.08 -0.43 -2.83	22.89 -0.55 -1.33	27.75 -0.76 -2.27	30.18 -0.95 -0.88	28.52 -0.82 -0.67	23.24 -0.64 -0.48	21.34 -0.35 -0.13	22.10 -0.34 0.00	22.61 -0.29 0.00	19.91 -0.38 0.00	19.08 -0.44 0.00	17.19 -0.55 0.00	18.47 -0.66 0.00	20.59 -0.95 0.00	24.21 -1.04 0.00	26.63 -1.19 0.00	20.95 -1.14 0.00	18.91 -1.52 0.00	20.92 -1.63 0.00	21.01 -1.44 0.00	21.12 -1.20 0.00
MCINTYRE_115KV_TB2 80467	27.67 1.26 0.00	24.41 1.19 0.00	22.56 1.11 0.00	22.83 1.14 0.00	23.18 1.08 0.00	27.30 1.06 0.00	31.27 1.03 0.00	29.40 0.73 0.00	23.98 0.58 0.00	22.16 0.61 0.00	23.20 0.76 0.00	23.69 0.79 0.00	20.92 0.63 0.00	19.97 0.45 0.00	18.02 0.28 0.00	19.42 0.29 0.00	21.74 0.20 0.00	25.51 0.26 0.00	27.92 0.10 0.00	22.13 0.03 0.00	20.54 0.11 0.00	22.95 0.39 0.00	23.06 0.61 0.00	22.87 0.55 0.00
MECO_____69_KV_BK1 80468	28.78 2.37 0.00	25.21 1.99 0.00	23.28 1.84 0.00	23.58 1.89 0.00	24.06 1.96 0.00	28.71 2.46 0.00	33.34 3.09 0.00	31.53 2.86 0.00	25.21 1.81 0.00	22.85 1.29 0.00	23.57 1.13 0.00	24.05 1.15 0.00	21.27 0.98 0.00	20.43 0.91 0.00	18.66 0.92 0.00	20.10 0.96 0.00	22.96 1.41 0.00	27.57 2.31 0.00	30.62 2.80 0.00	24.21 2.12 0.00	22.31 1.88 0.00	24.56 2.01 0.00	24.35 1.90 0.00	24.15 1.83 0.00
MENANDS___115KV_TB5 355628	26.76 0.34 0.00	23.58 0.37 0.00	21.74 0.29 0.00	22.00 0.31 0.00	22.48 0.38 0.00	26.74 0.49 0.00	31.06 0.82 0.00	29.54 0.87 0.00	23.81 0.41 0.00	21.80 0.24 0.00	22.71 0.27 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.79 0.27 0.00	18.02 0.27 0.00	19.43 0.30 0.00	21.97 0.42 0.00	25.86 0.61 0.00	28.75 0.93 0.00	22.80 0.71 0.00	21.09 0.66 0.00	23.24 0.69 0.00	23.11 0.66 0.00	22.95 0.62 0.00
MG INDUSTRY___DRP 24185	26.82 0.41 0.00	23.62 0.40 0.00	21.79 0.34 0.00	22.04 0.35 0.00	22.52 0.42 0.00	26.79 0.55 0.00	31.07 0.82 0.00	29.50 0.82 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.71 0.27 0.00	23.19 0.29 0.00	20.53 0.23 0.00	19.76 0.24 0.00	17.99 0.25 0.00	19.41 0.28 0.00	21.97 0.43 0.00	25.88 0.63 0.00	28.73 0.91 0.00	22.79 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.09 0.64 0.00	22.93 0.61 0.00
MID___OSWEGATCHIE_HYD 23849	26.33 -0.08 0.00	23.30 0.08 0.00	21.69 0.24 0.00	22.02 0.34 0.00	22.40 0.30 0.00	26.52 0.28 0.00	30.56 0.31 0.00	28.80 0.13 0.00	23.31 -0.09 0.00	21.40 -0.16 0.00	22.30 -0.14 0.00	22.79 -0.10 0.00	20.09 -0.19 0.00	19.16 -0.35 0.00	17.31 -0.44 0.00	18.64 -0.50 0.00	20.99 -0.55 0.00	24.71 -0.54 0.00	27.10 -0.72 0.00	21.27 -0.82 0.00	19.59 -0.84 0.00	21.86 -0.69 0.00	21.86 -0.59 0.00	21.58 -0.74 0.00
MID___RAQUETTE_HYD 23851	27.13 0.71 0.00	23.95 0.73 0.00	22.16 0.71 0.00	22.43 0.74 0.00	22.75 0.65 0.00	26.79 0.54 0.00	30.68 0.44 0.00	28.90 0.23 0.00	23.64 0.23 0.00	21.86 0.30 0.00	22.87 0.44 0.00	23.35 0.45 0.00	20.59 0.30 0.00	19.60 0.08 0.00	17.67 -0.07 0.00	19.02 -0.11 0.00	21.29 -0.25 0.00	24.82 -0.43 0.00	27.14 -0.67 0.00	21.47 -0.62 0.00	19.87 -0.56 0.00	22.33 -0.22 0.00	22.49 0.04 0.00	22.24 -0.08 0.00

MILLIKEN___1 23584	26.70 0.29 0.00	23.37 0.15 0.00	21.63 0.18 0.00	21.88 0.19 0.00	22.26 0.16 0.00	26.48 0.23 0.00	30.67 0.42 0.00	29.10 0.42 0.00	23.58 0.17 0.00	21.64 0.08 0.00	22.36 -0.08 0.00	22.79 -0.11 0.00	20.20 -0.09 0.00	19.47 -0.05 0.00	17.67 -0.07 0.00	19.08 -0.05 0.00	21.58 0.03 0.00	25.50 0.25 0.00	28.16 0.34 0.00	22.31 0.22 0.00	20.49 0.06 0.00	22.54 -0.01 0.00	22.39 -0.06 0.00	22.27 -0.05 0.00
MILLIKEN___2 23585	26.70 0.29 0.00	23.37 0.15 0.00	21.63 0.18 0.00	21.88 0.19 0.00	22.26 0.16 0.00	26.48 0.23 0.00	30.67 0.42 0.00	29.10 0.42 0.00	23.58 0.17 0.00	21.64 0.08 0.00	22.36 -0.08 0.00	22.79 -0.11 0.00	20.20 -0.09 0.00	19.47 -0.05 0.00	17.67 -0.07 0.00	19.08 -0.05 0.00	21.58 0.03 0.00	25.50 0.25 0.00	28.16 0.34 0.00	22.31 0.22 0.00	20.49 0.06 0.00	22.54 -0.01 0.00	22.39 -0.06 0.00	22.27 -0.05 0.00
MILLIKEN___DIESEL 23629	26.70 0.29 0.00	23.37 0.15 0.00	21.63 0.18 0.00	21.88 0.19 0.00	22.26 0.16 0.00	26.48 0.23 0.00	30.67 0.42 0.00	29.10 0.42 0.00	23.58 0.17 0.00	21.64 0.08 0.00	22.36 -0.08 0.00	22.79 -0.11 0.00	20.20 -0.09 0.00	19.47 -0.05 0.00	17.67 -0.07 0.00	19.08 -0.05 0.00	21.58 0.03 0.00	25.50 0.25 0.00	28.16 0.34 0.00	22.31 0.22 0.00	20.49 0.06 0.00	22.54 -0.01 0.00	22.39 -0.06 0.00	22.27 -0.05 0.00
MILLSEAT___LFGE 323607	3.42 -0.37 22.63	12.75 -0.76 9.70	9.31 -0.57 11.57	11.83 -0.67 9.19	16.84 -0.93 4.33	17.87 -1.02 7.36	25.55 -1.83 2.86	25.71 -1.74 1.23	20.85 -1.14 1.41	20.06 -1.09 0.41	21.06 -1.38 0.00	21.51 -1.39 0.00	19.28 -1.01 0.00	18.67 -0.85 0.00	16.82 -0.92 0.00	18.14 -0.99 0.00	20.38 -1.16 0.00	23.71 -1.54 0.00	25.91 -1.91 0.00	20.38 -1.71 0.00	18.79 -1.64 0.00	20.63 -1.93 0.00	20.49 -1.96 0.00	20.53 -1.79 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.76 0.35 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.10 0.85 0.00	29.64 0.97 0.00	24.05 0.65 0.00	22.18 0.62 0.00	23.13 0.69 0.00	23.61 0.71 0.00	20.85 0.56 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.74 0.61 0.00	22.22 0.68 0.00	26.28 1.03 0.00	29.26 1.44 0.00	23.28 1.19 0.00	21.39 0.96 0.00	23.61 1.06 0.00	23.40 0.95 0.00	23.18 0.86 0.00
MILLWOOD_13_KV_LOAD 356217	26.82 0.41 0.00	23.59 0.37 0.00	21.71 0.26 0.00	21.95 0.26 0.00	22.43 0.33 0.00	26.72 0.47 0.00	31.17 0.92 0.00	29.71 1.04 0.00	24.11 0.71 0.00	22.23 0.67 0.00	23.19 0.75 0.00	23.67 0.77 0.00	20.90 0.61 0.00	20.09 0.57 0.00	18.32 0.58 0.00	19.78 0.65 0.00	22.28 0.73 0.00	26.35 1.10 0.00	29.34 1.52 0.00	23.34 1.25 0.00	21.45 1.02 0.00	23.66 1.11 0.00	23.45 1.00 0.00	23.23 0.91 0.00
MODEL_CITY_ENERGY 24167	-0.67 -1.01 26.07	10.71 -1.33 11.17	7.02 -1.09 13.33	9.90 -1.21 10.59	15.58 -1.52 4.99	15.99 -1.78 8.48	24.06 -2.88 3.30	24.46 -2.78 1.43	19.89 -1.88 1.63	19.35 -1.74 0.47	20.48 -1.97 0.00	20.91 -1.99 0.00	18.75 -1.54 0.00	18.22 -1.29 0.00	16.44 -1.30 0.00	17.72 -1.42 0.00	19.77 -1.78 0.00	22.87 -2.38 0.00	24.94 -2.87 0.00	19.61 -2.48 0.00	18.10 -2.33 0.00	19.88 -2.68 0.00	19.77 -2.68 0.00	19.86 -2.46 0.00
MODERN_LFGE___ 323580	-0.67 -1.01 26.07	10.71 -1.33 11.17	7.02 -1.09 13.33	9.90 -1.21 10.59	15.58 -1.52 4.99	15.99 -1.78 8.48	24.06 -2.88 3.30	24.46 -2.78 1.43	19.89 -1.88 1.63	19.35 -1.74 0.47	20.48 -1.97 0.00	20.91 -1.99 0.00	18.75 -1.54 0.00	18.22 -1.29 0.00	16.44 -1.30 0.00	17.72 -1.42 0.00	19.77 -1.78 0.00	22.87 -2.38 0.00	24.94 -2.87 0.00	19.61 -2.48 0.00	18.10 -2.33 0.00	19.88 -2.68 0.00	19.77 -2.68 0.00	19.86 -2.46 0.00
MOHAWK_PAPER___DRP 24187	26.81 0.39 0.00	23.63 0.41 0.00	21.78 0.33 0.00	22.03 0.35 0.00	22.52 0.42 0.00	26.79 0.55 0.00	31.14 0.90 0.00	29.60 0.93 0.00	23.86 0.46 0.00	21.83 0.27 0.00	22.74 0.30 0.00	23.24 0.34 0.00	20.56 0.27 0.00	19.80 0.28 0.00	18.03 0.29 0.00	19.45 0.32 0.00	22.00 0.45 0.00	25.92 0.67 0.00	28.82 1.00 0.00	22.86 0.77 0.00	21.13 0.70 0.00	23.29 0.74 0.00	23.15 0.71 0.00	22.97 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	27.39 0.97 0.00	24.07 0.86 0.00	22.19 0.75 0.00	22.47 0.78 0.00	22.98 0.88 0.00	27.35 1.11 0.00	31.89 1.64 0.00	30.26 1.59 0.00	24.30 0.90 0.00	22.06 0.50 0.00	23.00 0.56 0.00	23.50 0.60 0.00	20.75 0.45 0.00	19.92 0.40 0.00	18.18 0.43 0.00	19.70 0.56 0.00	22.38 0.83 0.00	26.51 1.26 0.00	29.44 1.62 0.00	23.32 1.23 0.00	21.55 1.12 0.00	23.65 1.10 0.00	23.44 0.99 0.00	23.20 0.88 0.00
MONGAUP___HYD 23641	26.77 0.35 0.00	23.52 0.30 0.00	21.68 0.23 0.00	21.98 0.29 0.00	22.40 0.30 0.00	26.64 0.40 0.00	30.88 0.63 0.00	29.36 0.68 0.00	23.71 0.31 0.00	21.76 0.20 0.00	22.59 0.15 0.00	23.19 0.29 0.00	20.39 0.10 0.00	19.67 0.15 0.00	17.95 0.21 0.00	19.38 0.25 0.00	21.82 0.27 0.00	25.93 0.68 0.00	28.89 1.07 0.00	22.84 0.74 0.00	21.02 0.59 0.00	23.33 0.78 0.00	23.15 0.70 0.00	22.94 0.62 0.00
MONTAUK___DIESEL 23721	27.45 1.04 0.00	24.08 0.87 0.00	22.18 0.73 0.00	22.37 0.68 0.00	22.87 0.77 0.00	27.20 0.95 0.00	31.56 1.31 0.00	29.58 0.90 0.00	24.03 0.63 0.00	22.18 0.62 0.00	23.41 0.97 0.00	23.93 1.03 0.00	21.08 0.79 0.00	20.24 0.72 0.00	18.54 0.79 0.00	20.04 0.91 0.00	22.62 1.07 0.00	26.92 1.66 0.00	30.29 2.47 0.00	24.18 2.09 0.00	22.17 1.74 0.00	24.50 1.95 0.00	24.25 1.80 0.00	24.02 1.70 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.94 -0.47 0.00	22.05 -1.16 0.00	20.81 -0.64 0.00	20.90 -0.79 0.00	20.76 -1.34 0.00	25.06 -1.19 0.00	28.68 -1.57 0.00	26.98 -1.69 0.00	22.46 -0.94 0.00	20.86 -0.70 0.00	21.74 -0.69 0.00	22.23 -0.67 0.00	19.92 -0.37 0.00	19.41 -0.11 0.00	17.52 -0.22 0.00	18.81 -0.33 0.00	20.88 -0.67 0.00	24.24 -1.01 0.00	26.36 -1.46 0.00	20.49 -1.61 0.00	18.58 -1.85 0.00	20.48 -2.07 0.00	20.33 -2.13 0.00	20.71 -1.61 0.00
MORTIMER_115KV_TB3 55949	25.82 -0.60 0.00	22.40 -0.82 0.00	20.80 -0.65 0.00	20.98 -0.71 0.00	21.24 -0.87 0.00	25.26 -0.98 0.00	28.84 -1.40 0.00	27.38 -1.30 0.00	22.49 -0.92 0.00	20.72 -0.84 0.00	21.44 -1.00 0.00	21.88 -1.02 0.00	19.53 -0.77 0.00	18.87 -0.65 0.00	17.08 -0.67 0.00	18.42 -0.72 0.00	20.70 -0.85 0.00	24.13 -1.12 0.00	26.48 -1.34 0.00	20.89 -1.20 0.00	19.25 -1.17 0.00	21.16 -1.39 0.00	21.01 -1.44 0.00	20.98 -1.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.78 0.37 0.00	23.55 0.33 0.00	21.68 0.24 0.00	21.92 0.23 0.00	22.40 0.30 0.00	26.68 0.44 0.00	31.16 0.92 0.00	29.72 1.04 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.23 0.80 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.14 0.63 0.00	18.38 0.64 0.00	19.84 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00

MUNSVILLE_WIND_PWR 323609	34.89 1.74 -6.73	27.67 1.57 -2.89	26.42 1.53 -3.44	26.07 1.65 -2.74	25.05 1.65 -1.29	30.63 2.20 -2.19	34.01 2.91 -0.85	31.55 2.59 -0.29	25.42 1.61 -0.41	22.91 1.23 -0.12	23.47 1.03 0.00	23.91 1.01 0.00	21.14 0.84 0.00	20.32 0.80 0.00	18.41 0.66 0.00	19.92 0.78 0.00	22.64 1.09 0.00	27.07 1.82 0.00	29.60 1.79 0.00	23.30 1.21 0.00	21.32 0.89 0.00	23.28 0.73 0.00	23.11 0.66 0.00	23.12 0.79 0.00
N SALMON___HYD 24042	27.62 1.20 0.00	24.41 1.20 0.00	22.58 1.14 0.00	22.87 1.19 0.00	23.23 1.13 0.00	27.42 1.17 0.00	31.40 1.16 0.00	29.57 0.90 0.00	24.29 0.89 0.00	22.42 0.86 0.00	23.28 0.84 0.00	23.69 0.79 0.00	20.90 0.61 0.00	19.98 0.47 0.00	18.04 0.30 0.00	19.43 0.29 0.00	21.85 0.30 0.00	25.49 0.24 0.00	27.65 -0.17 0.00	21.85 -0.25 0.00	20.17 -0.25 0.00	22.50 -0.05 0.00	22.85 0.40 0.00	22.93 0.61 0.00
N.AKRON__115KV_KNAPP 355671	26.08 -0.34 0.00	22.41 -0.80 0.00	20.90 -0.54 0.00	21.02 -0.67 0.00	21.13 -0.97 0.00	25.19 -1.05 0.00	28.39 -1.85 0.00	26.93 -1.75 0.00	22.24 -1.16 0.00	20.46 -1.10 0.00	21.07 -1.37 0.00	21.52 -1.38 0.00	19.34 -0.95 0.00	18.70 -0.82 0.00	16.83 -0.92 0.00	18.15 -0.98 0.00	20.39 -1.15 0.00	23.70 -1.55 0.00	25.89 -1.93 0.00	20.36 -1.74 0.00	18.77 -1.66 0.00	20.61 -1.95 0.00	20.47 -1.98 0.00	20.51 -1.81 0.00
N.BELMOR_69_KV_BK1 55787	27.22 0.81 0.00	23.91 0.70 0.00	21.99 0.55 0.00	22.21 0.52 0.00	22.70 0.59 0.00	27.01 0.77 0.00	31.48 1.23 0.00	29.84 1.17 0.00	24.22 0.82 0.00	22.32 0.77 0.00	23.45 1.01 0.00	23.96 1.06 0.00	21.17 0.88 0.00	20.33 0.81 0.00	18.57 0.83 0.00	20.07 0.93 0.00	22.61 1.06 0.00	26.75 1.50 0.00	29.84 2.03 0.00	23.74 1.65 0.00	21.80 1.37 0.00	24.08 1.53 0.00	23.82 1.37 0.00	23.56 1.24 0.00
N.E_GEN_SANDY PD 24062	26.53 0.11 0.00	23.39 0.17 0.00	21.54 0.09 0.00	21.79 0.11 0.00	22.29 0.18 0.00	26.53 0.29 0.00	30.91 0.67 0.00	28.83 0.79 0.63	19.48 0.32 4.24	20.93 0.12 0.75	21.63 0.16 0.98	22.90 0.18 0.18	20.23 0.11 0.17	19.64 0.13 0.00	17.89 0.15 0.00	19.28 0.15 0.00	21.42 0.27 0.40	26.11 0.50 -0.36	28.97 0.89 -0.26	22.80 0.70 0.00	21.30 0.67 -0.20	23.09 0.70 0.15	22.87 0.64 0.22	22.91 0.59 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.77 0.36 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.92 0.23 0.00	22.39 0.29 0.00	26.66 0.41 0.00	31.09 0.84 0.00	29.63 0.96 0.00	24.05 0.65 0.00	22.20 0.64 0.00	23.16 0.72 0.00	23.63 0.73 0.00	20.86 0.57 0.00	20.05 0.54 0.00	18.29 0.55 0.00	19.76 0.63 0.00	22.24 0.69 0.00	26.30 1.05 0.00	29.28 1.46 0.00	23.30 1.20 0.00	21.39 0.96 0.00	23.61 1.06 0.00	23.41 0.96 0.00	23.19 0.87 0.00
N.QUEENS_27_KV_LOAD 356247	26.68 0.27 0.00	23.54 0.33 0.00	21.75 0.30 0.00	21.99 0.31 0.00	22.46 0.36 0.00	26.74 0.49 0.00	31.28 1.04 0.00	29.73 1.06 0.00	24.18 0.78 0.00	22.31 0.75 0.00	23.25 0.82 0.00	23.72 0.82 0.00	20.96 0.67 0.00	20.17 0.66 0.00	18.39 0.65 0.00	19.81 0.68 0.00	22.31 0.76 0.00	26.38 1.13 0.00	29.36 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.70 1.15 0.00	23.47 1.02 0.00	23.23 0.91 0.00
N.TROY___115KV_TB1 355778	26.69 0.27 0.00	23.52 0.31 0.00	21.67 0.23 0.00	21.94 0.25 0.00	22.43 0.33 0.00	26.69 0.45 0.00	31.03 0.78 0.00	29.50 0.82 0.00	23.73 0.33 0.00	21.66 0.10 0.00	22.59 0.15 0.00	23.09 0.18 0.00	20.42 0.13 0.00	19.66 0.14 0.00	17.90 0.16 0.00	19.31 0.18 0.00	21.88 0.34 0.00	25.79 0.54 0.00	28.68 0.86 0.00	22.75 0.65 0.00	21.05 0.62 0.00	23.19 0.64 0.00	23.05 0.60 0.00	22.88 0.56 0.00
NARROWS_GT1_1 24228	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT1_2 24229	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT1_3 24230	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT1_4 24231	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT1_5 24232	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT1_6 24233	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT1_7 24234	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00

NARROWS_GT1_8 24235	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_1 24236	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_2 24237	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_3 24238	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_4 24239	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_5 24240	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_6 24241	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_7 24242	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NARROWS_GT2_8 24243	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.53 1.11 0.00	24.23 1.01 0.00	22.36 0.91 0.00	22.63 0.94 0.00	23.14 1.04 0.00	27.58 1.33 0.00	32.07 1.82 0.00	30.43 1.75 0.00	24.32 0.92 0.00	22.08 0.52 0.00	22.94 0.50 0.00	23.42 0.52 0.00	20.72 0.43 0.00	19.95 0.44 0.00	18.16 0.41 0.00	19.64 0.50 0.00	22.34 0.79 0.00	26.45 1.20 0.00	29.52 1.70 0.00	23.38 1.29 0.00	21.62 1.20 0.00	23.80 1.25 0.00	23.64 1.19 0.00	23.45 1.13 0.00
NCHELSEA_115KV_TR2 355582	26.98 0.57 0.00	23.72 0.51 0.00	21.85 0.41 0.00	22.09 0.41 0.00	22.58 0.48 0.00	26.91 0.66 0.00	31.38 1.13 0.00	29.90 1.22 0.00	24.19 0.79 0.00	22.23 0.67 0.00	23.15 0.71 0.00	23.61 0.71 0.00	20.85 0.56 0.00	20.06 0.54 0.00	18.28 0.54 0.00	19.76 0.62 0.00	22.30 0.76 0.00	26.40 1.14 0.00	29.40 1.58 0.00	23.37 1.28 0.00	21.51 1.08 0.00	23.71 1.16 0.00	23.51 1.06 0.00	23.29 0.97 0.00
NEG CAPITAL___MECHNVIL 23645	27.07 0.66 0.00	23.82 0.60 0.00	21.96 0.51 0.00	22.23 0.54 0.00	22.72 0.62 0.00	27.05 0.81 0.00	31.49 1.24 0.00	29.88 1.21 0.00	24.03 0.63 0.00	21.92 0.36 0.00	22.84 0.40 0.00	23.33 0.44 0.00	20.64 0.35 0.00	19.84 0.32 0.00	18.08 0.34 0.00	19.54 0.41 0.00	22.19 0.64 0.00	26.22 0.96 0.00	29.12 1.30 0.00	23.08 0.99 0.00	21.34 0.91 0.00	23.48 0.93 0.00	23.31 0.86 0.00	23.12 0.80 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.68 -1.03 9.71	17.94 -1.12 4.16	15.53 -0.96 4.96	16.76 -0.99 3.94	19.14 -1.11 1.86	21.82 -1.27 3.16	27.39 -1.62 1.23	26.66 -1.51 0.51	21.66 -1.14 0.60	20.31 -1.07 0.18	21.20 -1.24 0.00	21.61 -1.29 0.00	19.25 -1.04 0.00	18.60 -0.91 0.00	16.84 -0.91 0.00	18.18 -0.96 0.00	20.47 -1.08 0.00	23.93 -1.33 0.00	26.28 -1.54 0.00	20.76 -1.34 0.00	19.12 -1.31 0.00	21.01 -1.54 0.00	20.85 -1.60 0.00	20.80 -1.52 0.00
NEG CENTRAL___DRP 24199	26.20 -0.21 0.00	22.92 -0.30 0.00	21.20 -0.25 0.00	21.44 -0.25 0.00	21.78 -0.33 0.00	25.90 -0.35 0.00	29.90 -0.35 0.00	28.43 -0.25 0.00	23.15 -0.25 0.00	21.31 -0.24 0.00	22.04 -0.39 0.00	22.47 -0.43 0.00	19.92 -0.37 0.00	19.20 -0.31 0.00	17.41 -0.33 0.00	18.80 -0.33 0.00	21.18 -0.37 0.00	24.93 -0.33 0.00	27.48 -0.33 0.00	21.77 -0.33 0.00	19.96 -0.47 0.00	21.97 -0.58 0.00	21.82 -0.63 0.00	21.73 -0.59 0.00
NEG CENTRAL___INDECK 23768	30.66 0.29 -3.96	24.95 0.04 -1.70	23.50 0.03 -2.02	23.28 -0.02 -1.61	22.72 -0.14 -0.76	27.45 -0.08 -1.29	30.56 -0.19 -0.50	29.01 -0.10 -0.44	23.38 -0.30 -0.28	21.31 -0.32 -0.07	21.96 -0.48 0.00	22.43 -0.47 0.00	19.91 -0.38 0.00	19.17 -0.34 0.00	17.33 -0.41 0.00	18.69 -0.44 0.00	20.97 -0.58 0.00	24.83 -0.42 0.00	27.41 -0.41 0.00	21.65 -0.44 0.00	19.78 -0.64 0.00	21.76 -0.79 0.00	21.63 -0.82 0.00	21.60 -0.73 0.00



NEG CENTRAL___SENECA 23627	26.19 -0.22 0.00	22.91 -0.31 0.00	21.19 -0.25 0.00	21.43 -0.26 0.00	21.73 -0.37 0.00	25.87 -0.37 0.00	29.85 -0.39 0.00	28.40 -0.27 0.00	23.16 -0.24 0.00	21.31 -0.25 0.00	22.03 -0.42 0.00	22.45 -0.45 0.00	19.87 -0.41 0.00	19.16 -0.36 0.00	17.36 -0.38 0.00	18.77 -0.36 0.00	21.11 -0.44 0.00	24.87 -0.38 0.00	27.40 -0.42 0.00	21.70 -0.39 0.00	19.84 -0.58 0.00	21.86 -0.69 0.00	21.70 -0.75 0.00	21.61 -0.71 0.00
NEG CENTRAL___STATE_STREET 24147	26.46 0.05 0.00	23.14 -0.07 0.00	21.41 -0.03 0.00	21.66 -0.03 0.00	22.04 -0.06 0.00	26.12 -0.13 0.00	30.19 -0.06 0.00	28.71 0.03 0.00	23.31 -0.09 0.00	21.48 -0.07 0.00	22.19 -0.25 0.00	22.68 -0.22 0.00	20.13 -0.15 0.00	19.41 -0.10 0.00	17.61 -0.14 0.00	18.97 -0.16 0.00	21.46 -0.08 0.00	25.19 -0.07 0.00	27.82 0.01 0.00	22.02 -0.08 0.00	20.28 -0.15 0.00	22.26 -0.29 0.00	22.15 -0.30 0.00	22.06 -0.26 0.00
NEG MILLWOOD___DRP 24198	27.03 0.62 0.00	23.77 0.55 0.00	21.88 0.44 0.00	22.13 0.45 0.00	22.63 0.52 0.00	26.96 0.72 0.00	31.47 1.23 0.00	30.00 1.33 0.00	24.29 0.89 0.00	22.33 0.77 0.00	23.26 0.82 0.00	23.71 0.82 0.00	20.94 0.65 0.00	20.14 0.62 0.00	18.35 0.61 0.00	19.83 0.70 0.00	22.37 0.83 0.00	26.48 1.23 0.00	29.51 1.69 0.00	23.46 1.37 0.00	21.58 1.16 0.00	23.80 1.24 0.00	23.59 1.14 0.00	23.35 1.03 0.00
NEG NORTH_FLCN_SEA 23793	27.69 1.28 0.00	24.50 1.28 0.00	22.68 1.23 0.00	22.95 1.26 0.00	23.32 1.22 0.00	27.43 1.18 0.00	31.38 1.14 0.00	29.44 0.76 0.00	24.21 0.81 0.00	22.36 0.80 0.00	23.17 0.73 0.00	23.54 0.64 0.00	20.80 0.51 0.00	19.96 0.44 0.00	18.09 0.34 0.00	19.45 0.31 0.00	21.90 0.36 0.00	25.54 0.29 0.00	27.61 -0.21 0.00	21.77 -0.32 0.00	20.07 -0.36 0.00	22.43 -0.12 0.00	22.86 0.41 0.00	23.07 0.75 0.00
NEG NORTH_KES_CHATEGAY 23792	27.45 1.04 0.00	24.29 1.07 0.00	22.47 1.02 0.00	22.74 1.05 0.00	23.11 1.00 0.00	27.25 1.01 0.00	31.17 0.92 0.00	29.31 0.63 0.00	24.14 0.73 0.00	22.31 0.76 0.00	23.15 0.72 0.00	23.55 0.65 0.00	20.78 0.49 0.00	19.92 0.40 0.00	18.00 0.26 0.00	19.36 0.23 0.00	21.80 0.26 0.00	25.41 0.15 0.00	27.44 -0.38 0.00	21.68 -0.41 0.00	20.01 -0.42 0.00	22.29 -0.26 0.00	22.70 0.25 0.00	22.89 0.57 0.00
NEG NORTH___ALICE_FALLS 23915	27.76 1.35 0.00	24.55 1.33 0.00	22.72 1.28 0.00	23.01 1.32 0.00	23.38 1.28 0.00	27.55 1.31 0.00	31.57 1.32 0.00	29.65 0.97 0.00	24.37 0.97 0.00	22.48 0.92 0.00	23.29 0.86 0.00	23.66 0.76 0.00	20.90 0.62 0.00	20.04 0.53 0.00	18.15 0.40 0.00	19.51 0.38 0.00	22.01 0.46 0.00	25.68 0.42 0.00	27.78 -0.04 0.00	21.92 -0.17 0.00	20.21 -0.22 0.00	22.52 -0.03 0.00	22.93 0.48 0.00	23.13 0.81 0.00
NEG NORTH___LWR_SARANAC 23913	27.76 1.35 0.00	24.55 1.33 0.00	22.72 1.28 0.00	23.01 1.32 0.00	23.38 1.28 0.00	27.55 1.31 0.00	31.57 1.32 0.00	29.65 0.97 0.00	24.37 0.97 0.00	22.48 0.92 0.00	23.29 0.86 0.00	23.66 0.76 0.00	20.90 0.62 0.00	20.04 0.53 0.00	18.15 0.40 0.00	19.51 0.38 0.00	22.01 0.46 0.00	25.68 0.42 0.00	27.78 -0.04 0.00	21.92 -0.17 0.00	20.21 -0.22 0.00	22.52 -0.03 0.00	22.93 0.48 0.00	23.13 0.81 0.00
NEG NORTH___PLATTSBURG 23628	27.76 1.35 0.00	24.55 1.33 0.00	22.72 1.28 0.00	23.01 1.32 0.00	23.38 1.28 0.00	27.55 1.31 0.00	31.57 1.32 0.00	29.65 0.98 0.00	24.37 0.97 0.00	22.48 0.92 0.00	23.29 0.86 0.00	23.66 0.76 0.00	20.90 0.62 0.00	20.04 0.53 0.00	18.15 0.41 0.00	19.51 0.38 0.00	22.01 0.46 0.00	25.68 0.42 0.00	27.78 -0.04 0.00	21.92 -0.17 0.00	20.21 -0.22 0.00	22.52 -0.03 0.00	22.93 0.48 0.00	23.13 0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	25.63 -0.78 0.00	22.01 -1.21 0.00	20.52 -0.93 0.00	20.63 -1.06 0.00	20.71 -1.39 0.00	24.64 -1.60 0.00	27.66 -2.59 0.00	26.21 -2.47 0.00	21.75 -1.65 0.00	20.04 -1.52 0.00	20.72 -1.72 0.00	21.16 -1.74 0.00	18.99 -1.30 0.00	18.42 -1.10 0.00	16.61 -1.13 0.00	17.90 -1.23 0.00	19.99 -1.55 0.00	23.15 -2.11 0.00	25.24 -2.57 0.00	19.83 -2.26 0.00	18.30 -2.13 0.00	20.09 -2.46 0.00	19.98 -2.47 0.00	20.06 -2.26 0.00
NEG WEST___LANCASTER 23811	26.89 0.48 0.00	23.12 -0.10 0.00	21.56 0.11 0.00	21.71 0.02 0.00	21.82 -0.28 0.00	25.92 -0.32 0.00	29.30 -0.95 0.00	27.90 -0.77 0.00	23.10 -0.30 0.00	21.29 -0.27 0.00	21.98 -0.46 0.00	22.56 -0.34 0.00	20.16 -0.13 0.00	19.53 0.02 0.00	17.64 -0.10 0.00	19.01 -0.12 0.00	21.21 -0.34 0.00	24.59 -0.66 0.00	26.82 -1.00 0.00	21.13 -0.97 0.00	19.41 -1.02 0.00	21.38 -1.17 0.00	21.34 -1.11 0.00	21.37 -0.95 0.00
NEG_PENN_ALLEGHNY 23528	39.04 -0.04 -12.67	28.55 -0.10 -5.43	27.85 -0.07 -6.48	26.76 -0.08 -5.14	24.41 -0.12 -2.43	30.29 -0.07 -4.12	31.86 0.01 -1.60	29.08 -0.06 -0.47	24.14 -0.02 -0.76	21.80 0.02 -0.23	22.37 -0.07 0.00	22.74 -0.16 0.00	20.09 -0.19 0.00	19.35 -0.17 0.00	17.60 -0.14 0.00	19.01 -0.12 0.00	21.37 -0.18 0.00	25.14 -0.11 0.00	27.69 -0.13 0.00	21.98 -0.11 0.00	20.14 -0.28 0.00	22.24 -0.31 0.00	22.09 -0.36 0.00	21.98 -0.34 0.00
NEG___GEN_MONROE 24207	26.04 -0.37 0.00	22.55 -0.66 0.00	20.95 -0.49 0.00	21.13 -0.56 0.00	21.37 -0.74 0.00	25.43 -0.81 0.00	28.99 -1.26 0.00	27.50 -1.17 0.00	22.58 -0.82 0.00	20.79 -0.77 0.00	21.48 -0.96 0.00	21.93 -0.97 0.00	19.58 -0.71 0.00	18.92 -0.60 0.00	17.10 -0.64 0.00	18.45 -0.68 0.00	20.76 -0.78 0.00	24.22 -1.04 0.00	26.57 -1.25 0.00	20.95 -1.14 0.00	19.30 -1.13 0.00	21.21 -1.34 0.00	21.06 -1.39 0.00	21.04 -1.28 0.00
NEPA___ENERGY 23901	25.66 -0.75 0.00	22.11 -1.11 0.00	20.62 -0.83 0.00	20.77 -0.92 0.00	20.85 -1.25 0.00	24.87 -1.37 0.00	28.26 -1.99 0.00	26.97 -1.70 0.00	22.25 -1.15 0.00	20.68 -0.88 0.00	21.38 -1.05 0.00	21.92 -0.98 0.00	19.50 -0.79 0.00	18.91 -0.60 0.00	17.15 -0.59 0.00	18.51 -0.63 0.00	20.57 -0.98 0.00	23.95 -1.31 0.00	26.15 -1.67 0.00	20.65 -1.45 0.00	18.76 -1.67 0.00	20.75 -1.80 0.00	20.63 -1.82 0.00	20.67 -1.65 0.00
NEVERSink___HYD 23608	27.82 1.41 0.00	24.47 1.25 0.00	22.62 1.18 0.00	22.91 1.23 0.00	23.26 1.16 0.00	27.68 1.44 0.00	32.20 1.96 0.00	30.58 1.91 0.00	24.62 1.22 0.00	22.16 0.60 0.00	22.89 0.45 0.00	23.59 0.69 0.00	21.16 0.87 0.00	20.41 0.90 0.00	18.43 0.68 0.00	19.89 0.76 0.00	22.50 0.95 0.00	26.75 1.50 0.00	29.78 1.96 0.00	23.59 1.50 0.00	21.74 1.31 0.00	23.91 1.36 0.00	23.77 1.32 0.00	23.56 1.24 0.00
NEWKRMKL_115KV_TB1 55635	26.86 0.44 0.00	23.67 0.45 0.00	21.82 0.37 0.00	22.08 0.39 0.00	22.56 0.46 0.00	26.84 0.59 0.00	31.18 0.94 0.00	29.64 0.97 0.00	23.91 0.51 0.00	21.89 0.33 0.00	22.80 0.37 0.00	23.31 0.41 0.00	20.63 0.34 0.00	19.86 0.34 0.00	18.09 0.35 0.00	19.51 0.38 0.00	22.04 0.49 0.00	25.96 0.71 0.00	28.85 1.03 0.00	22.89 0.80 0.00	21.15 0.72 0.00	23.31 0.76 0.00	23.18 0.73 0.00	23.00 0.68 0.00

NEWTON___FALLS_HYD 23847	26.33 -0.08 0.00	23.30 0.08 0.00	21.69 0.24 0.00	22.02 0.34 0.00	22.40 0.30 0.00	26.52 0.28 0.00	30.56 0.31 0.00	28.80 0.13 0.00	23.31 -0.09 0.00	21.40 -0.16 0.00	22.30 -0.14 0.00	22.79 -0.10 0.00	20.09 -0.19 0.00	19.16 -0.35 0.00	17.31 -0.44 0.00	18.64 -0.50 0.00	20.99 -0.55 0.00	24.71 -0.54 0.00	27.10 -0.72 0.00	21.27 -0.82 0.00	19.59 -0.84 0.00	21.86 -0.69 0.00	21.86 -0.59 0.00	21.58 -0.74 0.00
NGRID_A1_DSASP 323792	-1.87 -1.21 27.08	10.12 -1.49 11.61	6.35 -1.25 13.85	9.34 -1.35 11.00	15.31 -1.60 5.19	15.48 -1.96 8.80	23.82 -3.00 3.43	24.15 -3.04 1.49	19.67 -2.04 1.69	19.14 -1.93 0.49	20.27 -2.17 0.00	20.70 -2.20 0.00	18.57 -1.73 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.56 -1.99 0.00	22.61 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
NGRID_A2_DSASP 323793	-1.87 -1.21 27.08	10.12 -1.49 11.61	6.35 -1.25 13.85	9.34 -1.35 11.00	15.31 -1.60 5.19	15.48 -1.96 8.80	23.82 -3.00 3.43	24.15 -3.04 1.49	19.67 -2.04 1.69	19.14 -1.93 0.49	20.27 -2.17 0.00	20.70 -2.20 0.00	18.57 -1.73 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.56 -1.99 0.00	22.61 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
NGRID_A4_DSASP 323807	-1.87 -1.21 27.08	10.12 -1.49 11.61	6.35 -1.25 13.85	9.34 -1.35 11.00	15.31 -1.60 5.19	15.48 -1.96 8.80	23.82 -3.00 3.43	24.15 -3.04 1.49	19.67 -2.04 1.69	19.14 -1.93 0.49	20.27 -2.17 0.00	20.70 -2.20 0.00	18.57 -1.73 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.56 -1.99 0.00	22.61 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
NIAGARA_115E_LBMP 323715	-1.50 -1.13 26.78	10.29 -1.44 11.48	6.56 -1.19 13.69	9.51 -1.31 10.87	15.34 -1.63 5.13	15.62 -1.91 8.71	23.78 -3.08 3.39	24.22 -2.98 1.47	19.70 -2.03 1.67	19.20 -1.88 0.48	20.34 -2.10 0.00	20.77 -2.13 0.00	18.63 -1.66 0.00	18.11 -1.41 0.00	16.35 -1.39 0.00	17.61 -1.52 0.00	19.64 -1.91 0.00	22.71 -2.55 0.00	24.77 -3.05 0.00	19.46 -2.63 0.00	17.98 -2.45 0.00	19.73 -2.82 0.00	19.64 -2.81 0.00	19.74 -2.58 0.00
NIAGARA_115W_LBMP 323714	-1.88 -1.25 27.04	10.11 -1.52 11.59	6.33 -1.29 13.83	9.32 -1.39 10.98	15.29 -1.63 5.18	15.46 -1.99 8.79	23.77 -3.05 3.42	24.09 -3.10 1.48	19.62 -2.09 1.69	19.10 -1.98 0.49	20.22 -2.22 0.00	20.65 -2.25 0.00	18.52 -1.77 0.00	18.01 -1.51 0.00	16.26 -1.48 0.00	17.52 -1.61 0.00	19.51 -2.04 0.00	22.54 -2.71 0.00	24.59 -3.23 0.00	19.33 -2.76 0.00	17.86 -2.57 0.00	19.60 -2.95 0.00	19.52 -2.93 0.00	19.62 -2.70 0.00
NIAGARA_230_LBMP 323716	-1.47 -1.18 26.71	10.32 -1.44 11.45	6.59 -1.20 13.66	9.54 -1.31 10.85	15.43 -1.56 5.12	15.67 -1.88 8.69	24.02 -2.85 3.38	24.50 -2.71 1.47	19.90 -1.83 1.67	19.40 -1.68 0.48	20.57 -1.87 0.00	21.02 -1.88 0.00	18.84 -1.45 0.00	18.30 -1.22 0.00	16.51 -1.24 0.00	17.78 -1.35 0.00	19.83 -1.72 0.00	22.93 -2.33 0.00	25.01 -2.81 0.00	19.67 -2.42 0.00	18.16 -2.27 0.00	19.95 -2.60 0.00	19.86 -2.59 0.00	19.95 -2.38 0.00
NIAGARA___115KV_198_GIBSON 55903	25.19 -1.22 0.00	21.66 -1.56 0.00	20.18 -1.26 0.00	20.31 -1.38 0.00	20.42 -1.68 0.00	24.22 -2.02 0.00	27.19 -3.06 0.00	25.57 -3.10 0.00	21.29 -2.11 0.00	19.57 -1.99 0.00	20.22 -2.22 0.00	20.64 -2.26 0.00	18.54 -1.75 0.00	18.01 -1.51 0.00	16.26 -1.48 0.00	17.52 -1.61 0.00	19.52 -2.03 0.00	22.54 -2.71 0.00	24.59 -3.23 0.00	19.33 -2.77 0.00	17.86 -2.57 0.00	19.60 -2.95 0.00	19.52 -2.93 0.00	19.61 -2.71 0.00
NIAGARA____ 23760	-1.55 -1.18 26.79	10.30 -1.44 11.48	6.55 -1.20 13.69	9.51 -1.31 10.87	15.42 -1.56 5.13	15.65 -1.88 8.70	24.01 -2.85 3.39	24.49 -2.71 1.47	19.90 -1.83 1.67	19.40 -1.68 0.48	20.57 -1.87 0.00	21.02 -1.88 0.00	18.84 -1.45 0.00	18.30 -1.22 0.00	16.51 -1.24 0.00	17.78 -1.35 0.00	19.83 -1.72 0.00	22.93 -2.33 0.00	25.01 -2.81 0.00	19.67 -2.42 0.00	18.16 -2.27 0.00	19.95 -2.60 0.00	19.86 -2.59 0.00	19.95 -2.38 0.00
NINE_MILE_1 23575	25.63 -0.79 0.00	22.44 -0.77 0.00	20.77 -0.67 0.00	21.00 -0.68 0.00	21.36 -0.74 0.00	25.39 -0.85 0.00	29.28 -0.97 0.00	27.78 -0.89 0.00	22.66 -0.74 0.00	20.85 -0.71 0.00	21.66 -0.78 0.00	22.08 -0.81 0.00	19.63 -0.67 0.00	18.92 -0.59 0.00	17.20 -0.54 0.00	18.55 -0.58 0.00	20.86 -0.69 0.00	24.46 -0.79 0.00	26.97 -0.85 0.00	21.38 -0.72 0.00	19.70 -0.73 0.00	21.72 -0.83 0.00	21.58 -0.87 0.00	21.48 -0.84 0.00
NINE_MILE_2 23744	25.63 -0.79 0.00	22.45 -0.77 0.00	20.77 -0.67 0.00	21.01 -0.68 0.00	21.37 -0.74 0.00	25.40 -0.85 0.00	29.28 -0.97 0.00	27.79 -0.89 0.00	22.66 -0.74 0.00	20.86 -0.70 0.00	21.66 -0.78 0.00	22.09 -0.81 0.00	19.63 -0.66 0.00	18.93 -0.59 0.00	17.21 -0.54 0.00	18.55 -0.58 0.00	20.86 -0.69 0.00	24.46 -0.79 0.00	26.97 -0.85 0.00	21.38 -0.72 0.00	19.70 -0.73 0.00	21.72 -0.83 0.00	21.58 -0.86 0.00	21.49 -0.84 0.00
NM_CAPITAL___DRP 24208	26.76 0.34 0.00	23.58 0.37 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.48 0.37 0.00	26.74 0.49 0.00	31.06 0.82 0.00	29.53 0.86 0.00	23.81 0.41 0.00	21.80 0.24 0.00	22.71 0.27 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.79 0.27 0.00	18.02 0.27 0.00	19.43 0.30 0.00	21.96 0.41 0.00	25.85 0.60 0.00	28.75 0.93 0.00	22.80 0.71 0.00	21.08 0.65 0.00	23.24 0.69 0.00	23.11 0.66 0.00	22.94 0.62 0.00
NM_CENTRAL___DRP 24181	26.03 -0.39 0.00	22.76 -0.46 0.00	21.08 -0.37 0.00	21.31 -0.38 0.00	21.68 -0.43 0.00	25.79 -0.45 0.00	29.79 -0.46 0.00	28.28 -0.40 0.00	23.03 -0.38 0.00	21.18 -0.37 0.00	21.99 -0.45 0.00	22.41 -0.49 0.00	19.92 -0.37 0.00	19.20 -0.32 0.00	17.46 -0.29 0.00	18.83 -0.30 0.00	21.19 -0.36 0.00	24.90 -0.36 0.00	27.45 -0.37 0.00	21.75 -0.35 0.00	20.01 -0.42 0.00	22.04 -0.51 0.00	21.88 -0.57 0.00	21.77 -0.55 0.00
NM_FRONTIER___DRP 24179	25.19 -1.22 0.00	21.66 -1.56 0.00	20.18 -1.26 0.00	20.31 -1.38 0.00	20.42 -1.68 0.00	24.22 -2.02 0.00	27.19 -3.06 0.00	25.57 -3.10 0.00	21.29 -2.11 0.00	19.57 -1.99 0.00	20.22 -2.22 0.00	20.64 -2.26 0.00	18.54 -1.75 0.00	18.01 -1.51 0.00	16.26 -1.48 0.00	17.52 -1.61 0.00	19.52 -2.03 0.00	22.54 -2.71 0.00	24.59 -3.23 0.00	19.33 -2.77 0.00	17.86 -2.57 0.00	19.60 -2.95 0.00	19.52 -2.93 0.00	19.61 -2.71 0.00
NM_ST_REGIS___HYD 24053	27.28 0.87 0.00	24.10 0.88 0.00	22.29 0.85 0.00	22.57 0.88 0.00	22.90 0.80 0.00	26.98 0.73 0.00	30.91 0.66 0.00	29.10 0.43 0.00	23.84 0.44 0.00	22.03 0.47 0.00	23.01 0.57 0.00	23.47 0.57 0.00	20.69 0.40 0.00	19.72 0.20 0.00	17.78 0.04 0.00	19.14 0.01 0.00	21.46 -0.09 0.00	25.01 -0.24 0.00	27.29 -0.53 0.00	21.58 -0.51 0.00	19.96 -0.47 0.00	22.40 -0.15 0.00	22.60 0.15 0.00	22.45 0.12 0.00

NORTHPORT___1 23551	27.12 0.71 0.00	23.80 0.58 0.00	21.92 0.48 0.00	22.10 0.42 0.00	22.55 0.45 0.00	26.78 0.54 0.00	31.13 0.89 0.00	29.41 0.73 0.00	23.91 0.50 0.00	22.08 0.52 0.00	23.30 0.86 0.00	23.84 0.94 0.00	21.05 0.76 0.00	20.22 0.70 0.00	18.47 0.73 0.00	19.92 0.79 0.00	22.35 0.81 0.00	26.42 1.17 0.01	29.51 1.69 0.00	23.49 1.40 0.00	21.54 1.11 0.00	23.84 1.29 0.00	23.61 1.16 0.00	23.39 1.07 0.00
NORTHPORT___2 23552	27.12 0.71 0.00	23.80 0.58 0.00	21.92 0.48 0.00	22.10 0.42 0.00	22.55 0.45 0.00	26.78 0.54 0.00	31.13 0.89 0.00	29.41 0.73 0.00	23.91 0.50 0.00	22.08 0.52 0.00	23.30 0.86 0.00	23.84 0.94 0.00	21.05 0.76 0.00	20.22 0.70 0.00	18.47 0.73 0.00	19.92 0.79 0.00	22.35 0.81 0.00	26.42 1.17 0.01	29.51 1.69 0.00	23.49 1.40 0.00	21.54 1.11 0.00	23.84 1.29 0.00	23.61 1.16 0.00	23.39 1.07 0.00
NORTHPORT___3 23553	27.15 0.74 0.00	23.83 0.62 0.00	21.95 0.50 0.00	22.14 0.45 0.00	22.61 0.51 0.00	26.89 0.64 0.00	31.29 1.04 0.00	29.61 0.93 0.00	24.04 0.64 0.00	22.18 0.62 0.00	23.35 0.91 0.00	23.90 1.00 0.00	21.12 0.83 0.00	20.28 0.76 0.00	18.52 0.78 0.00	19.99 0.86 0.00	22.49 0.94 0.00	26.56 1.31 0.00	29.60 1.79 0.00	23.56 1.46 0.00	21.62 1.19 0.00	23.90 1.35 0.00	23.66 1.21 0.00	23.42 1.10 0.00
NORTHPORT___4 23650	27.15 0.74 0.00	23.83 0.62 0.00	21.95 0.50 0.00	22.14 0.45 0.00	22.61 0.51 0.00	26.89 0.64 0.00	31.29 1.04 0.00	29.61 0.93 0.00	24.04 0.64 0.00	22.18 0.62 0.00	23.35 0.91 0.00	23.90 1.00 0.00	21.12 0.83 0.00	20.28 0.76 0.00	18.52 0.78 0.00	19.99 0.86 0.00	22.49 0.94 0.00	26.56 1.31 0.00	29.60 1.79 0.00	23.56 1.46 0.00	21.62 1.19 0.00	23.90 1.35 0.00	23.66 1.21 0.00	23.42 1.10 0.00
NORTHPORT___IC 23718	27.12 0.71 0.00	23.80 0.59 0.00	21.92 0.48 0.00	22.11 0.42 0.00	22.56 0.46 0.00	26.79 0.55 0.00	31.14 0.89 0.00	29.41 0.74 0.00	23.91 0.51 0.00	22.08 0.52 0.00	23.30 0.86 0.00	23.84 0.95 0.00	21.05 0.76 0.00	20.22 0.70 0.00	18.47 0.73 0.00	19.92 0.79 0.00	22.36 0.81 0.00	26.43 1.17 0.00	29.51 1.69 0.00	23.49 1.40 0.00	21.54 1.11 0.00	23.84 1.29 0.00	23.61 1.16 0.00	23.39 1.07 0.00
NORTH___COUNTRY_ESR 323785	27.34 0.93 0.00	24.20 0.98 0.00	22.39 0.94 0.00	22.67 0.98 0.00	23.03 0.93 0.00	27.16 0.92 0.00	31.05 0.80 0.00	29.20 0.52 0.00	24.07 0.67 0.00	22.24 0.69 0.00	23.09 0.65 0.00	23.49 0.58 0.00	20.74 0.45 0.00	19.87 0.35 0.00	17.96 0.22 0.00	19.32 0.18 0.00	21.75 0.20 0.00	25.31 0.06 0.00	27.33 -0.49 0.00	21.59 -0.51 0.00	19.92 -0.50 0.00	22.20 -0.35 0.00	22.61 0.16 0.00	22.82 0.50 0.00
NPX_GEN_1385_PROXY 323591	26.98 0.57 0.00	23.72 0.50 0.00	21.84 0.40 0.00	22.02 0.33 0.00	22.47 0.37 0.00	26.64 0.40 0.00	31.03 0.78 0.00	25.71 0.63 3.60	24.67 0.44 -0.83	21.98 0.42 0.00	23.17 0.73 0.00	23.79 0.89 0.00	21.02 0.73 0.00	20.19 0.67 0.00	18.41 0.67 0.00	19.72 0.58 0.00	22.09 0.55 0.00	26.23 0.98 0.01	29.30 1.48 0.00	23.37 1.28 0.00	21.31 0.89 0.00	23.61 1.06 0.00	23.37 0.91 0.00	23.14 0.82 0.00
NPX_GEN_CSC 323557	27.25 0.83 0.00	23.90 0.68 0.00	22.02 0.58 0.00	22.19 0.50 0.00	22.67 0.56 0.00	26.90 0.66 0.00	31.17 0.93 0.00	25.61 0.53 3.60	24.64 0.40 -0.83	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.69 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.52 1.27 0.00	29.59 1.77 0.00	23.56 1.47 0.00	21.60 1.18 0.00	23.90 1.35 0.00	23.62 1.17 0.00	23.37 1.05 0.00
NSINS_S_GLNS_FALLS 23858	27.36 0.94 0.00	24.05 0.83 0.00	22.17 0.72 0.00	22.44 0.75 0.00	22.95 0.85 0.00	27.33 1.08 0.00	31.85 1.61 0.00	30.23 1.56 0.00	24.29 0.90 0.00	22.08 0.52 0.00	23.01 0.57 0.00	23.50 0.60 0.00	20.75 0.46 0.00	19.91 0.39 0.00	18.17 0.42 0.00	19.68 0.55 0.00	22.36 0.81 0.00	26.49 1.23 0.00	29.41 1.59 0.00	23.30 1.21 0.00	21.53 1.10 0.00	23.62 1.07 0.00	23.43 0.98 0.00	23.18 0.86 0.00
NUCOR_STEEL___DRP 24197	26.46 0.04 0.00	23.14 -0.08 0.00	21.40 -0.04 0.00	21.65 -0.03 0.00	22.04 -0.06 0.00	26.10 -0.14 0.00	30.15 -0.09 0.00	28.68 0.01 0.00	23.29 -0.11 0.00	21.48 -0.08 0.00	22.17 -0.27 0.00	22.68 -0.22 0.00	20.14 -0.15 0.00	19.43 -0.09 0.00	17.61 -0.13 0.00	18.97 -0.16 0.00	21.48 -0.07 0.00	25.17 -0.08 0.00	27.82 0.00 0.00	22.01 -0.08 0.00	20.28 -0.14 0.00	22.26 -0.29 0.00	22.16 -0.29 0.00	22.07 -0.25 0.00
NUMBER_THREE_WT_PWR 323818	26.03 -0.39 0.00	23.11 -0.11 0.00	21.62 0.18 0.00	22.02 0.34 0.00	22.48 0.38 0.00	26.76 0.52 0.00	31.00 0.76 0.00	29.25 0.58 0.00	23.45 0.05 0.00	21.41 -0.15 0.00	22.21 -0.23 0.00	22.72 -0.18 0.00	20.04 -0.25 0.00	19.17 -0.34 0.00	17.35 -0.40 0.00	18.68 -0.45 0.00	21.18 -0.37 0.00	25.14 -0.12 0.00	27.53 -0.29 0.00	21.41 -0.68 0.00	19.65 -0.78 0.00	21.73 -0.82 0.00	21.57 -0.88 0.00	21.30 -1.02 0.00
NYISO_LBMP_REFERENCE 24008	26.41 0.00 0.00	23.22 0.00 0.00	21.45 0.00 0.00	21.69 0.00 0.00	22.10 0.00 0.00	26.25 0.00 0.00	30.25 0.00 0.00	28.68 0.00 0.00	23.40 0.00 0.00	21.56 0.00 0.00	22.44 0.00 0.00	22.90 0.00 0.00	20.29 0.00 0.00	19.52 0.00 0.00	17.74 0.00 0.00	19.13 0.00 0.00	21.55 0.00 0.00	25.25 0.00 0.00	27.82 0.00 0.00	22.09 0.00 0.00	20.43 0.00 0.00	22.55 0.00 0.00	22.45 0.00 0.00	22.32 0.00 0.00
NYPA_BRENTWD___GT 24164	27.41 0.99 0.00	24.03 0.81 0.00	22.14 0.69 0.00	22.32 0.63 0.00	22.79 0.69 0.00	27.11 0.87 0.00	31.53 1.28 0.00	29.70 1.02 0.00	24.19 0.78 0.00	22.32 0.76 0.00	23.51 1.07 0.00	24.03 1.13 0.00	21.22 0.93 0.00	20.38 0.86 0.00	18.63 0.89 0.00	20.12 0.99 0.00	22.66 1.11 0.00	26.81 1.56 0.00	29.93 2.11 0.00	23.83 1.74 0.00	21.84 1.42 0.00	24.16 1.61 0.00	23.89 1.44 0.00	23.64 1.32 0.00
NYPA_GOWANUS___GT5 24156	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00
NYPA_GOWANUS___GT6 24157	26.89 0.47 0.00	23.63 0.41 0.00	21.70 0.25 0.00	21.91 0.22 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.80 1.12 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.33 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.55 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00

NYPA_HARLEM__RVR__GT1 24160	26.65 0.24 0.00	23.49 0.27 0.00	21.72 0.27 0.00	21.93 0.24 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.67 0.99 0.00	24.13 0.73 0.00	22.26 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.92 0.63 0.00	20.13 0.61 0.00	18.35 0.61 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.08 0.00	29.30 1.48 0.00	23.34 1.24 0.00	21.44 1.01 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.18 0.86 0.00
NYPA_HARLEM__RVR__GT2 24161	26.65 0.24 0.00	23.49 0.27 0.00	21.72 0.27 0.00	21.93 0.24 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.67 0.99 0.00	24.13 0.73 0.00	22.26 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.92 0.63 0.00	20.13 0.61 0.00	18.35 0.61 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.08 0.00	29.30 1.48 0.00	23.34 1.24 0.00	21.44 1.01 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.18 0.86 0.00
NYPA_KENT____GT 24152	26.83 0.42 0.00	23.59 0.37 0.00	21.69 0.25 0.00	21.90 0.22 0.00	22.39 0.29 0.00	26.69 0.45 0.00	31.21 0.96 0.00	29.77 1.10 0.00	24.22 0.82 0.00	22.35 0.80 0.00	23.31 0.88 0.00	23.80 0.90 0.00	21.01 0.72 0.00	20.21 0.69 0.00	18.45 0.70 0.00	19.89 0.76 0.00	22.39 0.84 0.00	26.46 1.21 0.00	29.44 1.62 0.00	23.45 1.36 0.00	21.53 1.10 0.00	23.75 1.20 0.00	23.53 1.07 0.00	23.28 0.96 0.00
NYPA_POUCH1____GT 24155	26.89 0.47 0.00	23.62 0.40 0.00	21.64 0.20 0.00	21.85 0.17 0.00	22.34 0.24 0.00	26.63 0.39 0.00	31.13 0.89 0.01	29.75 1.07 0.00	24.23 0.83 0.00	22.36 0.80 0.00	23.32 0.88 0.00	23.81 0.91 0.00	21.01 0.72 0.00	20.21 0.69 0.00	18.44 0.70 0.00	19.91 0.78 0.00	22.40 0.86 0.00	26.49 1.23 0.00	29.47 1.65 0.00	23.49 1.40 0.00	21.56 1.13 0.00	23.80 1.25 0.00	23.59 1.14 0.00	23.35 1.03 0.00
NYPA_VERNON____GT2 24162	26.77 0.36 0.00	23.55 0.33 0.00	21.69 0.24 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.68 0.43 0.00	31.20 0.95 0.00	29.76 1.08 0.00	24.19 0.79 0.00	22.33 0.77 0.00	23.30 0.86 0.00	23.77 0.87 0.00	21.00 0.71 0.00	20.19 0.67 0.00	18.44 0.70 0.00	19.88 0.75 0.00	22.37 0.82 0.00	26.44 1.19 0.00	29.41 1.59 0.00	23.43 1.33 0.00	21.51 1.08 0.00	23.73 1.17 0.00	23.50 1.05 0.00	23.25 0.93 0.00
NYPA_VERNON____GT3 24163	26.77 0.36 0.00	23.55 0.33 0.00	21.69 0.24 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.68 0.43 0.00	31.20 0.95 0.00	29.76 1.08 0.00	24.19 0.79 0.00	22.33 0.77 0.00	23.30 0.86 0.00	23.77 0.87 0.00	21.00 0.71 0.00	20.19 0.67 0.00	18.44 0.70 0.00	19.88 0.75 0.00	22.37 0.82 0.00	26.44 1.19 0.00	29.41 1.59 0.00	23.43 1.33 0.00	21.51 1.08 0.00	23.73 1.17 0.00	23.50 1.05 0.00	23.25 0.93 0.00
NYPA__ASTORIA_CC1 323568	26.71 0.29 0.00	23.50 0.28 0.00	21.65 0.21 0.00	21.86 0.17 0.00	22.35 0.25 0.00	26.64 0.39 0.00	31.15 0.91 0.00	29.70 1.02 0.00	24.15 0.74 0.00	22.28 0.73 0.00	23.24 0.80 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.83 0.70 0.00	22.31 0.76 0.00	26.39 1.13 0.00	29.35 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.88 0.00
NYPA__ASTORIA_CC2 323569	26.71 0.29 0.00	23.50 0.28 0.00	21.65 0.21 0.00	21.86 0.17 0.00	22.35 0.25 0.00	26.64 0.39 0.00	31.15 0.91 0.00	29.70 1.02 0.00	24.15 0.74 0.00	22.28 0.73 0.00	23.24 0.80 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.83 0.70 0.00	22.31 0.76 0.00	26.39 1.13 0.00	29.35 1.54 0.00	23.38 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.88 0.00
NYPA__HOLTSVILL 23794	27.23 0.82 0.00	23.88 0.67 0.00	22.01 0.56 0.00	22.18 0.49 0.00	22.65 0.55 0.00	26.93 0.69 0.00	31.29 1.05 0.00	29.50 0.82 0.00	23.99 0.59 0.00	22.16 0.60 0.00	23.35 0.91 0.00	23.88 0.98 0.00	21.08 0.79 0.00	20.25 0.73 0.00	18.51 0.77 0.00	19.98 0.85 0.00	22.50 0.95 0.00	26.60 1.35 0.00	29.70 1.88 0.00	23.64 1.55 0.00	21.69 1.26 0.00	23.99 1.44 0.00	23.72 1.27 0.00	23.48 1.15 0.00
NYPA__HELLGATE_GT1 24158	26.65 0.24 0.00	23.49 0.27 0.00	21.72 0.27 0.00	21.93 0.24 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.67 0.99 0.00	24.13 0.73 0.00	22.26 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.92 0.63 0.00	20.13 0.61 0.00	18.35 0.61 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.08 0.00	29.30 1.48 0.00	23.34 1.24 0.00	21.44 1.01 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.18 0.86 0.00
NYPA__HELLGATE_GT2 24159	26.65 0.24 0.00	23.49 0.27 0.00	21.72 0.27 0.00	21.93 0.24 0.00	22.40 0.30 0.00	26.70 0.45 0.00	31.23 0.98 0.00	29.67 0.99 0.00	24.13 0.73 0.00	22.26 0.71 0.00	23.21 0.77 0.00	23.67 0.77 0.00	20.92 0.63 0.00	20.13 0.61 0.00	18.35 0.61 0.00	19.78 0.64 0.00	22.27 0.72 0.00	26.33 1.08 0.00	29.30 1.48 0.00	23.34 1.24 0.00	21.44 1.01 0.00	23.66 1.11 0.00	23.43 0.98 0.00	23.18 0.86 0.00
NYS_BARGE__HYD 23848	1.03 -0.77 24.61	11.53 -1.14 10.55	7.95 -0.91 12.58	10.67 -1.02 9.99	16.08 -1.31 4.71	16.72 -1.53 8.00	24.59 -2.55 3.11	24.89 -2.44 1.35	20.25 -1.61 1.54	19.62 -1.49 0.44	20.71 -1.73 0.00	21.16 -1.74 0.00	18.96 -1.33 0.00	18.42 -1.10 0.00	16.61 -1.14 0.00	17.90 -1.24 0.00	19.99 -1.55 0.00	23.16 -2.09 0.00	25.27 -2.55 0.00	19.86 -2.24 0.00	18.32 -2.11 0.00	20.11 -2.44 0.00	20.00 -2.45 0.00	20.08 -2.24 0.00
OAK ORCHARD__HYD 24046	12.67 -0.61 13.14	16.79 -0.80 5.63	14.08 -0.65 6.72	15.65 -0.70 5.34	18.74 -0.84 2.52	21.00 -0.97 4.27	27.19 -1.40 1.66	26.68 -1.30 0.70	21.68 -0.90 0.81	20.49 -0.84 0.24	21.44 -1.00 0.00	21.88 -1.02 0.00	19.52 -0.78 0.00	18.87 -0.65 0.00	17.08 -0.67 0.00	18.42 -0.72 0.00	20.70 -0.85 0.00	24.13 -1.12 0.00	26.48 -1.34 0.00	20.89 -1.20 0.00	19.25 -1.17 0.00	21.16 -1.39 0.00	21.01 -1.44 0.00	20.99 -1.34 0.00
OAKDALE__35_KV_LOAD 356122	26.37 -0.04 0.00	23.12 -0.10 0.00	21.38 -0.07 0.00	21.61 -0.07 0.00	21.98 -0.12 0.00	26.16 -0.08 0.00	30.23 -0.01 0.00	28.59 -0.08 0.00	23.37 -0.03 0.00	21.56 0.00 0.00	22.36 -0.08 0.00	22.75 -0.15 0.00	20.10 -0.19 0.00	19.37 -0.15 0.00	17.61 -0.13 0.00	19.02 -0.11 0.00	21.37 -0.18 0.00	25.14 -0.11 0.00	27.70 -0.12 0.00	21.98 -0.11 0.00	20.16 -0.27 0.00	22.25 -0.30 0.00	22.11 -0.34 0.00	22.00 -0.32 0.00
OCC_CHEM__DRP 24175	25.24 -1.18 0.00	21.69 -1.52 0.00	20.21 -1.23 0.00	20.35 -1.34 0.00	20.45 -1.65 0.00	24.26 -1.99 0.00	27.23 -3.02 0.00	25.63 -3.04 0.00	21.33 -2.07 0.00	19.61 -1.94 0.00	20.27 -2.17 0.00	20.70 -2.20 0.00	18.58 -1.71 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.57 -1.98 0.00	22.60 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00

OH_GEN_PROXY 24063	-2.79 -1.17 28.04	9.78 -1.41 12.02	5.93 -1.18 14.33	9.03 -1.28 11.38	15.20 -1.53 5.37	15.28 -1.85 9.12	23.94 -2.76 3.55	20.92 -2.62 5.14	20.72 -1.76 0.92	19.45 -1.60 0.51	20.65 -1.79 0.00	21.12 -1.78 0.00	18.91 -1.38 0.00	18.36 -1.16 0.00	16.57 -1.18 0.00	17.85 -1.29 0.00	19.90 -1.65 0.00	23.02 -2.23 0.00	25.13 -2.69 0.00	19.76 -2.33 0.00	18.24 -2.18 0.00	20.05 -2.50 0.00	19.96 -2.49 0.00	20.03 -2.29 0.00
OLIN_CORP_DRP 24177	25.35 -1.07 0.00	21.76 -1.46 0.00	20.30 -1.15 0.00	20.40 -1.29 0.00	20.45 -1.65 0.00	24.34 -1.91 0.00	27.22 -3.03 0.00	25.77 -2.90 0.00	21.40 -2.00 0.00	19.71 -1.85 0.00	20.39 -2.05 0.00	20.82 -2.08 0.00	18.69 -1.60 0.00	18.15 -1.36 0.00	16.39 -1.36 0.00	17.65 -1.48 0.00	19.69 -1.85 0.00	22.76 -2.49 0.00	24.83 -2.99 0.00	19.52 -2.58 0.00	18.02 -2.41 0.00	19.79 -2.76 0.00	19.69 -2.77 0.00	19.78 -2.54 0.00
OLIN_CORP_DSASP 323712	-1.87 -1.21 27.08	10.12 -1.49 11.61	6.35 -1.25 13.85	9.34 -1.35 11.00	15.31 -1.60 5.19	15.48 -1.96 8.80	23.82 -3.00 3.43	24.15 -3.04 1.49	19.67 -2.04 1.69	19.14 -1.93 0.49	20.27 -2.17 0.00	20.70 -2.20 0.00	18.57 -1.73 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.56 -1.99 0.00	22.61 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
ONEIDA_HERK_LFGE 323681	26.57 0.15 0.00	23.43 0.22 0.00	21.75 0.31 0.00	22.08 0.39 0.00	22.53 0.43 0.00	26.83 0.59 0.00	31.11 0.86 0.00	29.51 0.84 0.00	23.72 0.32 0.00	21.71 0.15 0.00	22.56 0.12 0.00	23.04 0.14 0.00	20.37 0.07 0.00	19.54 0.02 0.00	17.74 0.00 0.00	19.11 -0.02 0.00	21.64 0.10 0.00	25.60 0.35 0.00	28.18 0.36 0.00	22.17 0.08 0.00	20.41 -0.02 0.00	22.53 -0.02 0.00	22.38 -0.07 0.00	22.16 -0.16 0.00
ONEIDA___115KV_TB4 55905	26.87 0.45 0.00	23.58 0.37 0.00	21.82 0.38 0.00	22.10 0.41 0.00	22.53 0.43 0.00	26.86 0.62 0.00	31.16 0.92 0.00	29.55 0.87 0.00	23.78 0.38 0.00	21.77 0.22 0.00	22.63 0.19 0.00	23.09 0.19 0.00	20.45 0.16 0.00	19.66 0.14 0.00	17.88 0.14 0.00	19.29 0.16 0.00	21.82 0.28 0.00	25.83 0.58 0.00	28.54 0.73 0.00	22.56 0.46 0.00	20.76 0.33 0.00	22.90 0.35 0.00	22.70 0.25 0.00	22.52 0.20 0.00
ONONDAGA_REF_OCCRA 23987	26.20 -0.21 0.00	22.93 -0.29 0.00	21.22 -0.22 0.00	21.46 -0.23 0.00	21.83 -0.27 0.00	25.99 -0.26 0.00	30.03 -0.22 0.00	28.51 -0.17 0.00	23.19 -0.21 0.00	21.32 -0.23 0.00	22.13 -0.31 0.00	22.55 -0.35 0.00	20.02 -0.27 0.00	19.30 -0.22 0.00	17.55 -0.20 0.00	18.93 -0.20 0.00	21.32 -0.23 0.00	25.08 -0.17 0.00	27.66 -0.16 0.00	21.92 -0.17 0.00	20.16 -0.27 0.00	22.21 -0.34 0.00	22.05 -0.40 0.00	21.93 -0.39 0.00
ONONDAGA___COGEN 23986	26.20 -0.21 0.00	22.93 -0.29 0.00	21.23 -0.22 0.00	21.47 -0.22 0.00	21.84 -0.27 0.00	25.98 -0.26 0.00	30.01 -0.24 0.00	28.50 -0.18 0.00	23.19 -0.21 0.00	21.33 -0.23 0.00	22.13 -0.31 0.00	22.57 -0.33 0.00	20.05 -0.25 0.00	19.32 -0.20 0.00	17.56 -0.19 0.00	18.94 -0.19 0.00	21.35 -0.20 0.00	25.08 -0.18 0.00	27.66 -0.16 0.00	21.92 -0.17 0.00	20.17 -0.26 0.00	22.20 -0.35 0.00	22.06 -0.40 0.00	21.94 -0.38 0.00
ONTARIO___LFGE 23819	26.18 -0.23 0.00	22.91 -0.31 0.00	21.18 -0.26 0.00	21.42 -0.27 0.00	21.74 -0.36 0.00	25.87 -0.37 0.00	29.85 -0.40 0.00	28.40 -0.27 0.00	23.17 -0.23 0.00	21.31 -0.25 0.00	22.02 -0.42 0.00	22.45 -0.45 0.00	19.87 -0.42 0.00	19.16 -0.36 0.00	17.36 -0.38 0.00	18.76 -0.37 0.00	21.11 -0.44 0.00	24.87 -0.38 0.00	27.40 -0.42 0.00	21.70 -0.39 0.00	19.85 -0.58 0.00	21.86 -0.69 0.00	21.70 -0.75 0.00	21.62 -0.71 0.00
ORANGEVILLE_WT_PWR 323706	-3.81 -0.86 29.36	9.41 -1.22 12.58	5.34 -1.09 15.01	8.51 -1.26 11.92	14.95 -1.52 5.62	14.94 -1.76 9.54	23.85 -2.68 3.72	24.66 -2.40 1.61	20.03 -1.54 1.83	19.68 -1.35 0.53	20.94 -1.51 0.00	21.45 -1.45 0.00	19.17 -1.12 0.00	18.61 -0.90 0.00	16.79 -0.95 0.00	18.10 -1.03 0.00	20.18 -1.36 0.00	23.37 -1.89 0.00	25.41 -2.41 0.00	19.88 -2.21 0.00	18.21 -2.22 0.00	20.00 -2.55 0.00	19.91 -2.54 0.00	19.95 -2.37 0.00
ORANGEVILLE___ESR 323794	-3.81 -0.86 29.36	9.41 -1.22 12.58	5.34 -1.09 15.01	8.51 -1.26 11.92	14.95 -1.52 5.62	14.94 -1.76 9.54	23.85 -2.68 3.72	24.66 -2.40 1.61	20.03 -1.54 1.83	19.68 -1.35 0.53	20.94 -1.51 0.00	21.45 -1.45 0.00	19.17 -1.12 0.00	18.61 -0.90 0.00	16.79 -0.95 0.00	18.10 -1.03 0.00	20.18 -1.36 0.00	23.37 -1.89 0.00	25.41 -2.41 0.00	19.88 -2.21 0.00	18.21 -2.22 0.00	20.00 -2.55 0.00	19.91 -2.54 0.00	19.95 -2.37 0.00
OSWEGATCHIE___HYD 24044	26.33 -0.08 0.00	23.30 0.08 0.00	21.69 0.24 0.00	22.02 0.34 0.00	22.40 0.30 0.00	26.52 0.28 0.00	30.56 0.32 0.00	28.80 0.13 0.00	23.31 -0.09 0.00	21.40 -0.16 0.00	22.30 -0.14 0.00	22.79 -0.10 0.00	20.09 -0.20 0.00	19.16 -0.35 0.00	17.31 -0.44 0.00	18.64 -0.50 0.00	20.99 -0.55 0.00	24.71 -0.54 0.00	27.10 -0.72 0.00	21.27 -0.82 0.00	19.59 -0.84 0.00	21.86 -0.69 0.00	21.86 -0.59 0.00	21.58 -0.74 0.00
OSWEGO___5 23606	25.84 -0.58 0.00	22.62 -0.59 0.00	20.94 -0.51 0.00	21.17 -0.52 0.00	21.54 -0.56 0.00	25.61 -0.63 0.00	29.53 -0.72 0.00	28.02 -0.66 0.00	22.85 -0.55 0.00	21.03 -0.53 0.00	21.83 -0.61 0.00	22.27 -0.63 0.00	19.77 -0.52 0.00	19.06 -0.46 0.00	17.33 -0.41 0.00	18.69 -0.45 0.00	21.02 -0.52 0.00	24.67 -0.59 0.00	27.19 -0.63 0.00	21.55 -0.54 0.00	19.86 -0.57 0.00	21.88 -0.67 0.00	21.75 -0.70 0.00	21.65 -0.67 0.00
OSWEGO___6 23613	25.84 -0.58 0.00	22.62 -0.59 0.00	20.94 -0.51 0.00	21.17 -0.52 0.00	21.54 -0.56 0.00	25.61 -0.63 0.00	29.53 -0.72 0.00	28.02 -0.66 0.00	22.85 -0.55 0.00	21.03 -0.53 0.00	21.83 -0.61 0.00	22.27 -0.63 0.00	19.77 -0.52 0.00	19.06 -0.46 0.00	17.33 -0.41 0.00	18.69 -0.45 0.00	21.02 -0.52 0.00	24.67 -0.59 0.00	27.19 -0.63 0.00	21.55 -0.54 0.00	19.86 -0.57 0.00	21.88 -0.67 0.00	21.75 -0.70 0.00	21.65 -0.67 0.00
OUTOKUMPU-AB___DRP 24206	25.85 -0.56 0.00	22.20 -1.01 0.00	20.69 -0.76 0.00	20.81 -0.87 0.00	20.91 -1.20 0.00	24.87 -1.38 0.00	27.97 -2.27 0.00	26.46 -2.21 0.00	21.99 -1.42 0.00	20.24 -1.32 0.00	20.92 -1.52 0.00	21.37 -1.53 0.00	19.16 -1.13 0.00	18.60 -0.92 0.00	16.78 -0.96 0.00	18.09 -1.05 0.00	20.18 -1.37 0.00	23.36 -1.89 0.00	25.48 -2.34 0.00	20.03 -2.07 0.00	18.46 -1.97 0.00	20.27 -2.28 0.00	20.16 -2.29 0.00	20.22 -2.10 0.00
OXBOW___BTM 323836	-1.76 -0.89 27.28	10.30 -1.22 11.70	6.48 -1.01 13.95	9.49 -1.12 11.08	15.50 -1.37 5.22	15.73 -1.64 8.87	24.17 -2.62 3.45	24.58 -2.60 1.50	20.00 -1.70 1.70	19.46 -1.60 0.49	20.61 -1.83 0.00	21.05 -1.85 0.00	18.86 -1.43 0.00	18.34 -1.18 0.00	16.55 -1.19 0.00	17.83 -1.30 0.00	19.88 -1.67 0.00	23.00 -2.26 0.00	25.09 -2.73 0.00	19.72 -2.38 0.00	18.19 -2.23 0.00	19.98 -2.58 0.00	19.87 -2.58 0.00	19.95 -2.37 0.00

OXBOW____ 24026	25.56 -0.86 0.00	21.96 -1.26 0.00	20.46 -0.99 0.00	20.58 -1.10 0.00	20.69 -1.42 0.00	24.58 -1.67 0.00	27.62 -2.63 0.00	26.07 -2.61 0.00	21.68 -1.72 0.00	19.94 -1.62 0.00	20.61 -1.83 0.00	21.04 -1.86 0.00	18.88 -1.41 0.00	18.34 -1.18 0.00	16.55 -1.19 0.00	17.83 -1.30 0.00	19.88 -1.66 0.00	22.99 -2.26 0.00	25.08 -2.74 0.00	19.72 -2.38 0.00	18.19 -2.24 0.00	19.97 -2.58 0.00	19.87 -2.58 0.00	19.95 -2.37 0.00
OXY_CHEM_DSASP 323612	25.24 -1.18 0.00	21.69 -1.52 0.00	20.21 -1.23 0.00	20.35 -1.34 0.00	20.45 -1.65 0.00	24.26 -1.99 0.00	27.23 -3.02 0.00	25.63 -3.04 0.00	21.33 -2.07 0.00	19.61 -1.94 0.00	20.27 -2.17 0.00	20.70 -2.20 0.00	18.58 -1.71 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.57 -1.98 0.00	22.60 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
OZONE_PARK_ESR 323760	26.98 0.57 0.00	23.72 0.51 0.00	21.84 0.40 0.00	22.07 0.39 0.00	22.56 0.46 0.00	26.89 0.64 0.00	31.43 1.19 0.00	29.98 1.30 0.00	24.38 0.98 0.00	22.49 0.93 0.00	23.46 1.02 0.00	23.95 1.05 0.00	21.15 0.86 0.00	20.34 0.82 0.00	18.56 0.82 0.00	20.03 0.90 0.00	22.53 0.99 0.00	26.64 1.39 0.00	29.66 1.84 0.00	23.62 1.53 0.00	21.69 1.26 0.00	23.92 1.37 0.00	23.68 1.23 0.00	23.43 1.11 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.24 -1.18 0.00	21.69 -1.52 0.00	20.21 -1.23 0.00	20.35 -1.34 0.00	20.45 -1.65 0.00	24.26 -1.99 0.00	27.23 -3.02 0.00	25.63 -3.04 0.00	21.33 -2.07 0.00	19.61 -1.94 0.00	20.27 -2.17 0.00	20.70 -2.20 0.00	18.58 -1.71 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.57 -1.98 0.00	22.60 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
PACKARD__115KV_DUPONT_184 80571	25.24 -1.18 0.00	21.69 -1.52 0.00	20.21 -1.23 0.00	20.35 -1.34 0.00	20.45 -1.65 0.00	24.26 -1.99 0.00	27.23 -3.02 0.00	25.63 -3.04 0.00	21.33 -2.07 0.00	19.61 -1.94 0.00	20.27 -2.17 0.00	20.70 -2.20 0.00	18.58 -1.71 0.00	18.06 -1.46 0.00	16.30 -1.44 0.00	17.56 -1.57 0.00	19.57 -1.98 0.00	22.60 -2.65 0.00	24.66 -3.16 0.00	19.38 -2.72 0.00	17.90 -2.53 0.00	19.65 -2.90 0.00	19.57 -2.88 0.00	19.66 -2.66 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.64 0.22 0.00	23.49 0.28 0.00	21.70 0.25 0.00	21.93 0.25 0.00	22.41 0.30 0.00	26.69 0.44 0.00	31.21 0.97 0.00	29.68 1.01 0.00	24.13 0.73 0.00	22.25 0.70 0.00	23.20 0.76 0.00	23.67 0.77 0.00	20.91 0.62 0.00	20.11 0.59 0.00	18.35 0.60 0.00	19.78 0.65 0.00	22.27 0.72 0.00	26.33 1.08 0.00	29.31 1.49 0.00	23.34 1.24 0.00	21.44 1.01 0.00	23.65 1.10 0.00	23.43 0.98 0.00	23.20 0.87 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.74 0.33 0.00	23.59 0.37 0.00	21.83 0.38 0.00	22.05 0.36 0.00	22.52 0.42 0.00	26.84 0.59 0.00	31.43 1.19 0.00	29.80 1.13 0.00	24.25 0.85 0.00	22.35 0.79 0.00	23.30 0.86 0.00	23.73 0.83 0.00	20.99 0.70 0.00	20.14 0.63 0.00	18.38 0.64 0.00	19.78 0.65 0.00	22.27 0.72 0.00	26.34 1.09 0.00	29.38 1.56 0.00	23.39 1.30 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.48 1.03 0.00	23.24 0.92 0.00
PATROON__115KV_TB1 80586	26.90 0.48 0.00	23.70 0.48 0.00	21.85 0.40 0.00	22.10 0.42 0.00	22.59 0.49 0.00	26.88 0.63 0.00	31.24 1.00 0.00	29.69 1.02 0.00	23.95 0.54 0.00	21.92 0.36 0.00	22.84 0.40 0.00	23.34 0.44 0.00	20.67 0.37 0.00	19.89 0.37 0.00	18.11 0.37 0.00	19.54 0.41 0.00	22.08 0.54 0.00	26.01 0.76 0.00	28.91 1.09 0.00	22.93 0.83 0.00	21.19 0.76 0.00	23.35 0.80 0.00	23.21 0.76 0.00	23.04 0.72 0.00
PATTRSNVILLE__SOLAR 323815	27.00 0.59 0.00	23.73 0.52 0.00	21.90 0.45 0.00	22.16 0.47 0.00	22.62 0.51 0.00	26.91 0.66 0.00	31.21 0.96 0.00	29.60 0.92 0.00	23.94 0.54 0.00	21.91 0.35 0.00	22.79 0.36 0.00	23.27 0.37 0.00	20.59 0.30 0.00	19.81 0.29 0.00	18.02 0.28 0.00	19.45 0.32 0.00	22.03 0.48 0.00	26.01 0.75 0.00	28.81 0.99 0.00	22.84 0.74 0.00	21.09 0.66 0.00	23.24 0.69 0.00	23.10 0.65 0.00	22.92 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.66 0.25 0.00	22.90 -0.31 0.00	21.36 -0.09 0.00	21.49 -0.20 0.00	21.60 -0.50 0.00	25.68 -0.57 0.00	28.99 -1.25 0.00	27.60 -1.07 0.00	22.86 -0.54 0.00	21.08 -0.48 0.00	21.78 -0.66 0.00	22.31 -0.59 0.00	19.95 -0.34 0.00	19.34 -0.18 0.00	17.46 -0.28 0.00	18.82 -0.31 0.00	21.01 -0.54 0.00	24.34 -0.91 0.00	26.55 -1.27 0.00	20.90 -1.19 0.00	19.21 -1.22 0.00	21.14 -1.41 0.00	21.07 -1.38 0.00	21.11 -1.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.03 0.62 0.00	23.77 0.55 0.00	21.88 0.44 0.00	22.13 0.45 0.00	22.63 0.52 0.00	26.96 0.72 0.00	31.47 1.23 0.00	30.00 1.33 0.00	24.29 0.89 0.00	22.33 0.77 0.00	23.26 0.82 0.00	23.71 0.82 0.00	20.94 0.65 0.00	20.14 0.62 0.00	18.35 0.61 0.00	19.83 0.70 0.00	22.37 0.83 0.00	26.48 1.23 0.00	29.51 1.69 0.00	23.46 1.37 0.00	21.58 1.16 0.00	23.80 1.24 0.00	23.59 1.14 0.00	23.35 1.03 0.00
PEEKSKILL____ 23653	26.75 0.33 0.00	23.51 0.30 0.00	21.65 0.21 0.00	21.88 0.19 0.00	22.37 0.26 0.00	26.64 0.39 0.00	31.07 0.82 0.00	29.62 0.94 0.00	24.03 0.63 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.59 0.69 0.00	20.84 0.55 0.00	20.03 0.51 0.00	18.26 0.52 0.00	19.72 0.59 0.00	22.20 0.65 0.00	26.26 1.01 0.00	29.24 1.42 0.00	23.26 1.17 0.00	21.37 0.94 0.00	23.58 1.03 0.00	23.39 0.94 0.00	23.16 0.84 0.00
PGE MADISON__WINDPWR 24146	34.89 1.74 -6.73	27.67 1.57 -2.89	26.42 1.53 -3.44	26.07 1.65 -2.74	25.05 1.65 -1.29	30.63 2.20 -2.19	34.01 2.91 -0.85	31.55 2.59 -0.29	25.42 1.61 -0.41	22.91 1.23 -0.12	23.47 1.03 0.00	23.91 1.01 0.00	21.14 0.84 0.00	20.32 0.80 0.00	18.41 0.66 0.00	19.92 0.78 0.00	22.64 1.09 0.00	27.07 1.82 0.00	29.60 1.79 0.00	23.30 1.21 0.00	21.32 0.89 0.00	23.28 0.73 0.00	23.11 0.66 0.00	23.12 0.79 0.00
PIERCEFIELD__HYD 23852	27.13 0.71 0.00	23.95 0.73 0.00	22.16 0.71 0.00	22.43 0.74 0.00	22.75 0.65 0.00	26.79 0.54 0.00	30.68 0.44 0.00	28.90 0.23 0.00	23.64 0.23 0.00	21.86 0.30 0.00	22.87 0.44 0.00	23.35 0.45 0.00	20.59 0.30 0.00	19.60 0.08 0.00	17.67 -0.07 0.00	19.02 -0.11 0.00	21.29 -0.25 0.00	24.82 -0.43 0.00	27.14 -0.67 0.00	21.47 -0.62 0.00	19.87 -0.56 0.00	22.33 -0.22 0.00	22.49 0.04 0.00	22.24 -0.08 0.00
PINELAWN_CC_1 323563	27.28 0.87 0.00	23.93 0.71 0.00	22.03 0.58 0.00	22.21 0.53 0.00	22.70 0.60 0.00	27.01 0.77 0.00	31.46 1.22 0.00	29.76 1.08 0.00	24.16 0.76 0.00	22.26 0.71 0.00	23.41 0.97 0.00	23.92 1.02 0.00	21.13 0.84 0.00	20.28 0.76 0.00	18.54 0.80 0.00	20.04 0.91 0.00	22.59 1.04 0.00	26.74 1.49 0.00	29.84 2.03 0.00	23.75 1.66 0.00	21.78 1.35 0.00	24.09 1.53 0.00	23.81 1.36 0.00	23.56 1.24 0.00

PJM_GEN_HTP_PROXY 323702	26.75 0.33 0.00	23.51 0.29 0.00	21.66 0.22 0.00	21.88 0.19 0.00	22.37 0.27 0.00	26.65 0.41 0.00	31.13 0.89 0.00	29.69 1.02 0.00	24.14 0.74 0.00	22.28 0.72 0.00	23.24 0.80 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.14 0.62 0.00	18.39 0.65 0.00	19.84 0.71 0.00	22.31 0.76 0.00	26.38 1.12 0.00	29.37 1.55 0.00	23.38 1.29 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.22 0.89 0.00
PJM_GEN_KEystone 24065	0.56 -0.26 25.60	11.86 -0.38 10.97	8.03 -0.32 13.09	10.93 -0.37 10.39	16.76 -0.44 4.90	17.40 -0.52 8.32	26.42 -0.58 3.24	26.84 -0.40 1.44	-108.40 -0.29 131.51	24.42 -0.17 -3.03	22.26 -0.18 0.00	22.78 -0.11 0.00	20.20 -0.09 0.00	19.47 -0.05 0.00	17.69 -0.05 0.00	19.67 -0.03 -0.57	20.72 -0.18 0.64	25.07 -0.18 0.00	27.72 -0.10 0.00	21.99 -0.10 0.00	20.16 -0.27 0.00	22.27 -0.28 0.00	22.15 -0.30 0.00	22.05 -0.27 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.99 0.57 0.00	23.69 0.47 0.00	21.81 0.36 0.00	22.01 0.32 0.00	22.49 0.39 0.00	26.76 0.52 0.00	31.19 0.94 0.00	29.57 0.90 0.00	24.01 0.61 0.00	22.15 0.59 0.00	23.25 0.81 0.00	23.76 0.86 0.00	20.99 0.71 0.00	20.16 0.64 0.00	18.42 0.67 0.00	19.89 0.75 0.00	22.38 0.84 0.00	26.47 1.21 0.00	29.51 1.69 0.00	23.48 1.39 0.00	21.56 1.13 0.00	23.82 1.27 0.00	23.58 1.13 0.00	23.33 1.01 0.00
PJM_GEN_VFT_PROXY 323633	26.55 0.14 0.00	23.35 0.14 0.00	21.53 0.08 0.00	21.74 0.05 0.00	22.23 0.13 0.00	26.48 0.23 0.00	30.94 0.69 0.00	29.51 0.83 0.00	23.98 0.58 0.00	22.14 0.58 0.00	23.10 0.66 0.00	23.58 0.68 0.00	20.82 0.53 0.00	20.01 0.50 0.00	18.29 0.54 0.00	19.72 0.59 0.00	22.17 0.62 0.00	26.22 0.96 0.00	29.21 1.39 0.00	23.25 1.16 0.00	21.34 0.91 0.00	23.55 1.00 0.00	23.32 0.88 0.00	23.09 0.77 0.00
PLATSBURG_115KV_PMLD1 355749	27.67 1.26 0.00	24.48 1.27 0.00	22.66 1.22 0.00	22.95 1.26 0.00	23.33 1.23 0.00	27.46 1.22 0.00	31.43 1.18 0.00	29.48 0.81 0.00	24.24 0.84 0.00	22.39 0.83 0.00	23.21 0.77 0.00	23.58 0.68 0.00	20.84 0.55 0.00	19.99 0.48 0.00	18.11 0.37 0.00	19.48 0.34 0.00	21.94 0.40 0.00	25.58 0.33 0.00	27.65 -0.17 0.00	21.81 -0.29 0.00	20.10 -0.33 0.00	22.42 -0.13 0.00	22.85 0.39 0.00	23.06 0.74 0.00
PLEASANTVLY__LBMP 24000	26.65 0.24 0.00	23.46 0.24 0.00	21.59 0.15 0.00	21.84 0.15 0.00	22.32 0.22 0.00	26.57 0.33 0.00	30.99 0.74 0.00	29.53 0.86 0.00	23.91 0.51 0.00	21.97 0.42 0.00	22.90 0.46 0.00	23.36 0.46 0.00	20.64 0.35 0.00	19.85 0.33 0.00	18.09 0.35 0.00	19.53 0.40 0.00	22.03 0.48 0.00	26.05 0.79 0.00	29.00 1.18 0.00	23.06 0.97 0.00	21.24 0.81 0.00	23.42 0.87 0.00	23.24 0.78 0.00	23.02 0.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.80 0.38 0.00	23.57 0.35 0.00	21.69 0.25 0.00	21.94 0.25 0.00	22.43 0.33 0.00	26.70 0.46 0.00	31.16 0.91 0.00	29.73 1.05 0.00	24.10 0.70 0.00	22.20 0.64 0.00	23.14 0.70 0.00	23.61 0.71 0.00	20.85 0.55 0.00	20.04 0.53 0.00	18.28 0.54 0.00	19.74 0.61 0.00	22.23 0.68 0.00	26.30 1.05 0.00	29.29 1.47 0.00	23.30 1.20 0.00	21.42 0.99 0.00	23.63 1.08 0.00	23.43 0.98 0.00	23.19 0.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.80 0.38 0.00	23.57 0.35 0.00	21.69 0.25 0.00	21.94 0.25 0.00	22.43 0.33 0.00	26.70 0.46 0.00	31.16 0.91 0.00	29.73 1.05 0.00	24.10 0.70 0.00	22.20 0.64 0.00	23.14 0.70 0.00	23.61 0.71 0.00	20.85 0.55 0.00	20.04 0.53 0.00	18.28 0.54 0.00	19.74 0.61 0.00	22.23 0.68 0.00	26.30 1.05 0.00	29.29 1.47 0.00	23.30 1.20 0.00	21.42 0.99 0.00	23.63 1.08 0.00	23.43 0.98 0.00	23.19 0.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.92 0.51 0.00	23.68 0.46 0.00	21.80 0.36 0.00	22.05 0.36 0.00	22.54 0.44 0.00	26.85 0.61 0.00	31.33 1.08 0.00	29.85 1.18 0.00	24.13 0.73 0.00	22.13 0.57 0.00	23.04 0.60 0.00	23.50 0.60 0.00	20.76 0.46 0.00	19.95 0.44 0.00	18.19 0.44 0.00	19.65 0.52 0.00	22.21 0.66 0.00	26.30 1.04 0.00	29.30 1.48 0.00	23.30 1.20 0.00	21.46 1.03 0.00	23.66 1.11 0.00	23.45 1.00 0.00	23.23 0.91 0.00
POLETTI____ 23519	26.68 0.26 0.00	23.47 0.26 0.00	21.63 0.19 0.00	21.86 0.17 0.00	22.34 0.24 0.00	26.61 0.36 0.00	31.08 0.84 0.00	29.64 0.97 0.00	24.10 0.70 0.00	22.24 0.68 0.00	23.21 0.77 0.00	23.69 0.79 0.00	20.93 0.64 0.00	20.13 0.61 0.00	18.38 0.64 0.00	19.83 0.70 0.00	22.28 0.73 0.00	26.34 1.08 0.00	29.32 1.51 0.00	23.35 1.25 0.00	21.45 1.02 0.00	23.65 1.10 0.00	23.43 0.98 0.00	23.18 0.86 0.00
POMONA____ESR 323819	26.77 0.36 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.22 0.00	22.39 0.29 0.00	26.65 0.41 0.00	31.09 0.84 0.00	29.63 0.95 0.00	24.05 0.64 0.00	22.20 0.64 0.00	23.16 0.72 0.00	23.63 0.73 0.00	20.86 0.57 0.00	20.05 0.54 0.00	18.29 0.55 0.00	19.76 0.62 0.00	22.24 0.69 0.00	26.30 1.05 0.00	29.28 1.46 0.00	23.30 1.20 0.00	21.39 0.96 0.00	23.61 1.06 0.00	23.41 0.96 0.00	23.19 0.88 0.00
PORT_JEFF_3 23555	27.28 0.87 0.00	23.93 0.71 0.00	22.05 0.61 0.00	22.22 0.54 0.00	22.70 0.60 0.00	26.99 0.74 0.00	31.36 1.12 0.00	29.56 0.89 0.00	24.04 0.64 0.00	22.20 0.64 0.00	23.40 0.96 0.00	23.92 1.02 0.00	21.11 0.82 0.00	20.28 0.76 0.00	18.54 0.80 0.00	20.02 0.89 0.00	22.55 1.00 0.00	26.67 1.42 0.00	29.78 1.96 0.00	23.71 1.62 0.00	21.74 1.31 0.00	24.04 1.49 0.00	23.77 1.32 0.00	23.52 1.20 0.00
PORT_JEFF_4 23616	27.28 0.87 0.00	23.93 0.71 0.00	22.05 0.61 0.00	22.22 0.54 0.00	22.70 0.60 0.00	26.99 0.74 0.00	31.36 1.12 0.00	29.56 0.89 0.00	24.04 0.64 0.00	22.20 0.64 0.00	23.40 0.96 0.00	23.92 1.02 0.00	21.11 0.82 0.00	20.28 0.76 0.00	18.54 0.80 0.00	20.02 0.89 0.00	22.55 1.00 0.00	26.67 1.42 0.00	29.78 1.96 0.00	23.71 1.62 0.00	21.74 1.31 0.00	24.04 1.49 0.00	23.77 1.32 0.00	23.52 1.20 0.00
PORT_JEFF_IC 23713	27.30 0.88 0.00	23.95 0.73 0.00	22.06 0.62 0.00	22.24 0.55 0.00	22.72 0.62 0.00	27.01 0.77 0.00	31.38 1.13 0.00	29.57 0.90 0.00	24.06 0.66 0.00	22.21 0.65 0.00	23.40 0.96 0.00	23.94 1.04 0.00	21.12 0.83 0.00	20.29 0.77 0.00	18.55 0.81 0.00	20.03 0.90 0.00	22.57 1.02 0.00	26.70 1.45 0.00	29.81 1.99 0.00	23.73 1.64 0.00	21.76 1.33 0.00	24.07 1.51 0.00	23.79 1.34 0.00	23.54 1.22 0.00
PPL PILGRIM_ST_GT1 24216	27.41 0.99 0.00	24.03 0.81 0.00	22.14 0.69 0.00	22.32 0.63 0.00	22.79 0.69 0.00	27.11 0.87 0.00	31.53 1.28 0.00	29.70 1.02 0.00	24.19 0.78 0.00	22.32 0.76 0.00	23.51 1.07 0.00	24.03 1.13 0.00	21.22 0.93 0.00	20.38 0.86 0.00	18.63 0.89 0.00	20.12 0.99 0.00	22.66 1.11 0.00	26.81 1.56 0.00	29.93 2.11 0.00	23.83 1.74 0.00	21.84 1.42 0.00	24.16 1.61 0.00	23.89 1.44 0.00	23.64 1.32 0.00

PPL PILGRIM_ST_GT2 24217	27.41 0.99 0.00	24.03 0.81 0.00	22.14 0.69 0.00	22.32 0.63 0.00	22.79 0.69 0.00	27.11 0.87 0.00	31.53 1.28 0.00	29.70 1.02 0.00	24.19 0.78 0.00	22.32 0.76 0.00	23.51 1.07 0.00	24.03 1.13 0.00	21.22 0.93 0.00	20.38 0.86 0.00	18.63 0.89 0.00	20.12 0.99 0.00	22.66 1.11 0.00	26.81 1.56 0.00	29.93 2.11 0.00	23.83 1.74 0.00	21.84 1.42 0.00	24.16 1.61 0.00	23.89 1.44 0.00	23.64 1.32 0.00
PPL_SHRM_GT3 24213	27.26 0.85 0.00	23.91 0.69 0.00	22.04 0.59 0.00	22.20 0.52 0.00	22.68 0.58 0.00	26.92 0.67 0.00	31.20 0.95 0.00	29.23 0.56 0.00	23.82 0.41 0.00	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.69 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.53 1.27 0.00	29.61 1.79 0.00	23.58 1.48 0.00	21.62 1.19 0.00	23.92 1.37 0.00	23.64 1.19 0.00	23.39 1.07 0.00
PPL_SHRM_GT4 24214	27.26 0.85 0.00	23.91 0.69 0.00	22.04 0.59 0.00	22.20 0.52 0.00	22.68 0.58 0.00	26.92 0.67 0.00	31.20 0.95 0.00	29.23 0.56 0.00	23.82 0.41 0.00	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.69 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.53 1.27 0.00	29.61 1.79 0.00	23.58 1.48 0.00	21.62 1.19 0.00	23.92 1.37 0.00	23.64 1.19 0.00	23.39 1.07 0.00
PROJECT___ORANGE 1 24174	26.04 -0.38 0.00	22.77 -0.44 0.00	21.09 -0.36 0.00	21.31 -0.37 0.00	21.68 -0.42 0.00	25.80 -0.44 0.00	29.80 -0.45 0.00	28.29 -0.38 0.00	23.04 -0.36 0.00	21.20 -0.36 0.00	22.00 -0.44 0.00	22.43 -0.46 0.00	19.93 -0.36 0.00	19.21 -0.30 0.00	17.47 -0.27 0.00	18.84 -0.29 0.00	21.21 -0.34 0.00	24.91 -0.34 0.00	27.47 -0.35 0.00	21.76 -0.33 0.00	20.02 -0.41 0.00	22.06 -0.49 0.00	21.90 -0.55 0.00	21.79 -0.54 0.00
PROJECT___ORANGE 2 24166	26.04 -0.38 0.00	22.77 -0.44 0.00	21.09 -0.36 0.00	21.31 -0.37 0.00	21.68 -0.42 0.00	25.80 -0.44 0.00	29.80 -0.45 0.00	28.29 -0.38 0.00	23.04 -0.36 0.00	21.20 -0.36 0.00	22.00 -0.44 0.00	22.43 -0.46 0.00	19.93 -0.36 0.00	19.21 -0.30 0.00	17.47 -0.27 0.00	18.84 -0.29 0.00	21.21 -0.34 0.00	24.91 -0.34 0.00	27.47 -0.35 0.00	21.76 -0.33 0.00	20.02 -0.41 0.00	22.06 -0.49 0.00	21.90 -0.55 0.00	21.79 -0.54 0.00
PUCKETT___SOLAR 323809	37.93 0.29 -11.22	28.29 0.27 -4.81	27.48 0.30 -5.74	26.56 0.32 -4.56	24.54 0.29 -2.15	30.34 0.45 -3.65	32.34 0.67 -1.42	29.68 0.57 -0.44	24.44 0.37 -0.68	22.04 0.28 -0.20	22.52 0.09 0.00	22.93 0.03 0.00	20.22 -0.07 0.00	19.47 -0.05 0.00	17.68 -0.06 0.00	19.12 -0.01 0.00	21.60 0.06 0.00	25.53 0.28 0.00	28.04 0.22 0.00	22.18 0.09 0.00	20.35 -0.08 0.00	22.43 -0.12 0.00	22.32 -0.13 0.00	22.28 -0.04 0.00
PYRITES___HYD 24023	27.63 1.22 0.00	24.37 1.15 0.00	22.54 1.09 0.00	22.81 1.13 0.00	23.15 1.05 0.00	27.27 1.03 0.00	31.25 1.00 0.00	29.40 0.72 0.00	23.97 0.57 0.00	22.15 0.59 0.00	23.18 0.74 0.00	23.66 0.76 0.00	20.88 0.59 0.00	19.89 0.37 0.00	17.94 0.20 0.00	19.34 0.21 0.00	21.66 0.11 0.00	25.40 0.14 0.00	27.80 -0.02 0.00	22.02 -0.08 0.00	20.41 -0.02 0.00	22.85 0.30 0.00	22.97 0.52 0.00	22.76 0.44 0.00
QUAKERRD_115KV_BK1 80622	25.26 -1.15 0.00	21.97 -1.25 0.00	20.38 -1.06 0.00	20.58 -1.11 0.00	20.86 -1.24 0.00	24.82 -1.43 0.00	28.42 -1.82 0.00	26.98 -1.70 0.00	22.11 -1.29 0.00	20.37 -1.19 0.00	21.09 -1.35 0.00	21.51 -1.39 0.00	19.17 -1.12 0.00	18.52 -1.00 0.00	16.77 -0.97 0.00	18.09 -1.04 0.00	20.36 -1.19 0.00	23.78 -1.47 0.00	26.12 -1.70 0.00	20.63 -1.46 0.00	19.01 -1.42 0.00	20.89 -1.66 0.00	20.75 -1.70 0.00	20.69 -1.63 0.00
QUENSBRY_115KV_TB8 356137	27.43 1.01 0.00	24.10 0.89 0.00	22.22 0.77 0.00	22.50 0.81 0.00	23.01 0.91 0.00	27.39 1.14 0.00	31.94 1.70 0.00	30.32 1.65 0.00	24.36 0.96 0.00	22.12 0.56 0.00	23.04 0.61 0.00	23.54 0.64 0.00	20.78 0.49 0.00	19.94 0.43 0.00	18.20 0.46 0.00	19.73 0.60 0.00	22.41 0.86 0.00	26.56 1.30 0.00	29.49 1.67 0.00	23.36 1.26 0.00	21.58 1.15 0.00	23.66 1.11 0.00	23.46 1.01 0.00	23.20 0.88 0.00
RAMAPO___LBMP 323565	26.69 0.27 0.00	23.47 0.25 0.00	21.60 0.16 0.00	21.85 0.16 0.00	22.33 0.23 0.00	26.58 0.33 0.00	30.99 0.74 0.00	29.54 0.86 0.00	23.97 0.57 0.00	22.12 0.56 0.00	23.08 0.64 0.00	23.55 0.65 0.00	20.78 0.49 0.00	19.98 0.46 0.00	18.22 0.48 0.00	19.68 0.55 0.00	22.15 0.60 0.00	26.19 0.93 0.00	29.16 1.34 0.00	23.20 1.10 0.00	21.30 0.87 0.00	23.52 0.97 0.00	23.32 0.87 0.00	23.12 0.80 0.00
RANKINE___ 23646	26.05 -0.36 0.00	22.37 -0.85 0.00	20.84 -0.61 0.00	20.96 -0.72 0.00	21.07 -1.03 0.00	25.07 -1.18 0.00	28.27 -1.98 0.00	26.89 -1.79 0.00	22.31 -1.09 0.00	20.58 -0.98 0.00	21.29 -1.15 0.00	21.78 -1.12 0.00	19.50 -0.79 0.00	18.91 -0.60 0.00	17.08 -0.67 0.00	18.40 -0.73 0.00	20.53 -1.02 0.00	23.77 -1.49 0.00	25.92 -1.90 0.00	20.37 -1.72 0.00	18.72 -1.70 0.00	20.58 -1.97 0.00	20.47 -1.98 0.00	20.52 -1.81 0.00
RAVENSWOOD_GT2_1 24244	26.75 0.34 0.00	23.53 0.31 0.00	21.66 0.22 0.00	21.89 0.21 0.00	22.38 0.28 0.00	26.65 0.41 0.00	31.14 0.89 0.00	29.70 1.02 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.24 0.80 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.84 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD_GT2_2 24245	26.75 0.34 0.00	23.53 0.31 0.00	21.66 0.22 0.00	21.89 0.21 0.00	22.38 0.28 0.00	26.65 0.41 0.00	31.14 0.89 0.00	29.70 1.02 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.24 0.80 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.84 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD_GT2_3 24246	26.77 0.35 0.00	23.54 0.32 0.00	21.68 0.23 0.00	21.90 0.21 0.00	22.39 0.29 0.00	26.67 0.43 0.00	31.16 0.91 0.00	29.72 1.04 0.00	24.16 0.75 0.00	22.29 0.73 0.00	23.25 0.81 0.00	23.74 0.84 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.85 0.72 0.00	22.33 0.78 0.00	26.40 1.14 0.00	29.38 1.56 0.00	23.39 1.30 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.03 0.00	23.23 0.91 0.00
RAVENSWOOD_GT2_4 24247	26.77 0.35 0.00	23.54 0.32 0.00	21.68 0.23 0.00	21.90 0.21 0.00	22.39 0.29 0.00	26.67 0.43 0.00	31.16 0.91 0.00	29.72 1.04 0.00	24.16 0.75 0.00	22.29 0.73 0.00	23.25 0.81 0.00	23.74 0.84 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.40 0.66 0.00	19.85 0.72 0.00	22.33 0.78 0.00	26.40 1.14 0.00	29.38 1.56 0.00	23.39 1.30 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.03 0.00	23.23 0.91 0.00



RAVENSWOOD_GT3_1 24248	26.76 0.34 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.14 0.89 0.00	29.71 1.03 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.72 0.83 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.84 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD_GT3_2 24249	26.76 0.34 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.14 0.89 0.00	29.71 1.03 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.72 0.83 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.84 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD_GT3_3 24250	26.79 0.38 0.00	23.56 0.34 0.00	21.70 0.25 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.70 0.45 0.00	31.19 0.94 0.00	29.75 1.07 0.00	24.18 0.78 0.00	22.31 0.76 0.00	23.28 0.84 0.00	23.76 0.87 0.00	20.99 0.70 0.00	20.18 0.67 0.00	18.43 0.68 0.00	19.87 0.74 0.00	22.36 0.81 0.00	26.43 1.17 0.00	29.41 1.60 0.00	23.42 1.32 0.00	21.51 1.08 0.00	23.72 1.17 0.00	23.50 1.05 0.00	23.25 0.93 0.00
RAVENSWOOD_GT3_4 24251	26.79 0.38 0.00	23.56 0.34 0.00	21.70 0.25 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.70 0.45 0.00	31.19 0.94 0.00	29.75 1.07 0.00	24.18 0.78 0.00	22.31 0.76 0.00	23.28 0.84 0.00	23.76 0.87 0.00	20.99 0.70 0.00	20.18 0.67 0.00	18.43 0.68 0.00	19.87 0.74 0.00	22.36 0.81 0.00	26.43 1.17 0.00	29.41 1.60 0.00	23.42 1.32 0.00	21.51 1.08 0.00	23.72 1.17 0.00	23.50 1.05 0.00	23.25 0.93 0.00
RAVENSWOOD_GT_1 23729	26.77 0.35 0.00	23.56 0.34 0.00	21.69 0.24 0.00	21.91 0.23 0.00	22.40 0.29 0.00	26.69 0.44 0.00	31.20 0.96 0.00	29.76 1.08 0.00	24.20 0.80 0.00	22.33 0.77 0.00	23.30 0.86 0.00	23.77 0.88 0.00	21.00 0.71 0.00	20.19 0.67 0.00	18.44 0.69 0.00	19.88 0.75 0.00	22.37 0.82 0.00	26.44 1.19 0.00	29.41 1.59 0.00	23.43 1.33 0.00	21.51 1.08 0.00	23.73 1.18 0.00	23.50 1.05 0.00	23.26 0.93 0.00
RAVENSWOOD_GT_10 24258	26.76 0.34 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.14 0.89 0.00	29.71 1.03 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.24 0.81 0.00	23.72 0.83 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD_GT_11 24259	26.76 0.34 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.14 0.89 0.00	29.71 1.03 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.24 0.81 0.00	23.72 0.83 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD_GT_4 24252	26.77 0.36 0.00	23.55 0.33 0.00	21.68 0.23 0.00	21.91 0.22 0.00	22.39 0.29 0.00	26.68 0.43 0.00	31.15 0.90 0.00	29.71 1.04 0.00	24.15 0.75 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.73 0.83 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.72 0.00	22.32 0.77 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.39 1.29 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.03 0.00	23.23 0.91 0.00
RAVENSWOOD_GT_5 24254	26.77 0.36 0.00	23.55 0.33 0.00	21.68 0.23 0.00	21.91 0.22 0.00	22.39 0.29 0.00	26.68 0.43 0.00	31.15 0.90 0.00	29.71 1.04 0.00	24.15 0.75 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.73 0.83 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.72 0.00	22.32 0.77 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.39 1.29 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.03 0.00	23.23 0.91 0.00
RAVENSWOOD_GT_6 24253	26.77 0.36 0.00	23.55 0.33 0.00	21.68 0.23 0.00	21.91 0.22 0.00	22.39 0.29 0.00	26.68 0.43 0.00	31.15 0.90 0.00	29.71 1.04 0.00	24.15 0.75 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.73 0.83 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.72 0.00	22.32 0.77 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.39 1.29 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.03 0.00	23.23 0.91 0.00
RAVENSWOOD_GT_7 24255	26.77 0.36 0.00	23.55 0.33 0.00	21.68 0.23 0.00	21.91 0.22 0.00	22.39 0.29 0.00	26.68 0.43 0.00	31.15 0.90 0.00	29.71 1.04 0.00	24.15 0.75 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.73 0.83 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.72 0.00	22.32 0.77 0.00	26.39 1.14 0.00	29.38 1.56 0.00	23.39 1.29 0.00	21.49 1.06 0.00	23.70 1.15 0.00	23.47 1.03 0.00	23.23 0.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.76 0.34 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.14 0.89 0.00	29.71 1.03 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.24 0.81 0.00	23.72 0.83 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD_GT_9 24257	26.76 0.34 0.00	23.54 0.32 0.00	21.67 0.22 0.00	21.90 0.21 0.00	22.39 0.28 0.00	26.66 0.41 0.00	31.14 0.89 0.00	29.71 1.03 0.00	24.15 0.74 0.00	22.28 0.72 0.00	23.24 0.81 0.00	23.72 0.83 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.91 0.00
RAVENSWOOD___1 23533	26.71 0.30 0.00	23.50 0.28 0.00	21.64 0.19 0.00	21.85 0.16 0.00	22.34 0.24 0.00	26.62 0.38 0.00	31.13 0.88 0.00	29.68 1.00 0.00	24.14 0.74 0.00	22.28 0.72 0.00	23.24 0.80 0.00	23.71 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.83 0.70 0.00	22.31 0.76 0.00	26.38 1.13 0.00	29.35 1.54 0.00	23.37 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00
RAVENSWOOD___2 23534	26.71 0.30 0.00	23.50 0.28 0.00	21.64 0.19 0.00	21.85 0.16 0.00	22.34 0.24 0.00	26.62 0.38 0.00	31.13 0.88 0.00	29.68 1.00 0.00	24.14 0.74 0.00	22.28 0.72 0.00	23.24 0.80 0.00	23.71 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.83 0.70 0.00	22.31 0.76 0.00	26.38 1.13 0.00	29.35 1.54 0.00	23.37 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00

RAVENSWOOD___3 23535	26.76 0.35 0.00	23.53 0.31 0.00	21.67 0.22 0.00	21.89 0.20 0.00	22.38 0.27 0.00	26.66 0.41 0.00	31.14 0.89 0.00	29.70 1.03 0.00	24.14 0.74 0.00	22.28 0.72 0.00	23.25 0.81 0.00	23.72 0.82 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.84 0.71 0.00	22.32 0.77 0.00	26.39 1.13 0.00	29.38 1.56 0.00	23.38 1.29 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.47 1.02 0.00	23.23 0.90 0.00
RAVENSWOOD___4 23820	26.71 0.30 0.00	23.50 0.28 0.00	21.64 0.19 0.00	21.85 0.16 0.00	22.34 0.24 0.00	26.62 0.38 0.00	31.13 0.88 0.00	29.68 1.00 0.00	24.14 0.74 0.00	22.28 0.72 0.00	23.24 0.80 0.00	23.71 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.83 0.70 0.00	22.31 0.76 0.00	26.38 1.13 0.00	29.35 1.54 0.00	23.37 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00
RCPL_TRUST___DRP 24196	26.77 0.36 0.00	23.55 0.33 0.00	21.69 0.24 0.00	21.92 0.23 0.00	22.41 0.30 0.00	26.68 0.44 0.00	31.17 0.93 0.00	29.74 1.06 0.00	24.18 0.78 0.00	22.31 0.75 0.00	23.28 0.84 0.00	23.76 0.87 0.00	20.99 0.70 0.00	20.17 0.65 0.00	18.41 0.67 0.00	19.87 0.74 0.00	22.34 0.80 0.00	26.42 1.17 0.00	29.41 1.59 0.00	23.41 1.31 0.00	21.50 1.07 0.00	23.71 1.16 0.00	23.48 1.03 0.00	23.24 0.92 0.00
RED___ROCHESTER 323720	12.70 -0.47 13.24	16.86 -0.69 5.67	14.13 -0.54 6.77	15.72 -0.60 5.37	18.83 -0.73 2.54	21.12 -0.82 4.30	27.35 -1.22 1.68	26.84 -1.13 0.70	21.80 -0.78 0.82	20.60 -0.72 0.24	21.55 -0.88 0.00	22.00 -0.90 0.00	19.61 -0.68 0.00	18.97 -0.55 0.00	17.16 -0.58 0.00	18.51 -0.62 0.00	20.81 -0.74 0.00	24.28 -0.98 0.00	26.65 -1.17 0.00	21.03 -1.07 0.00	19.38 -1.05 0.00	21.28 -1.27 0.00	21.13 -1.32 0.00	21.10 -1.23 0.00
REGAN___SOLAR 323812	28.78 2.36 0.00	25.21 1.99 0.00	23.28 1.83 0.00	23.58 1.89 0.00	24.06 1.96 0.00	28.70 2.46 0.00	33.34 3.09 0.00	31.53 2.86 0.00	25.21 1.81 0.00	22.85 1.29 0.00	23.57 1.13 0.00	24.05 1.15 0.00	21.27 0.97 0.00	20.43 0.91 0.00	18.66 0.92 0.00	20.10 0.96 0.00	22.96 1.41 0.00	27.57 2.32 0.00	30.62 2.80 0.00	24.21 2.12 0.00	22.31 1.88 0.00	24.56 2.01 0.00	24.35 1.90 0.00	24.15 1.83 0.00
RENSSELAER___COGEN 23796	26.76 0.34 0.00	23.57 0.36 0.00	21.73 0.28 0.00	21.99 0.30 0.00	22.47 0.37 0.00	26.73 0.48 0.00	31.06 0.81 0.00	29.52 0.84 0.00	23.80 0.40 0.00	21.80 0.24 0.00	22.71 0.27 0.00	23.21 0.31 0.00	20.54 0.25 0.00	19.77 0.25 0.00	18.00 0.26 0.00	19.42 0.28 0.00	21.94 0.39 0.00	25.84 0.59 0.00	28.73 0.91 0.00	22.79 0.70 0.00	21.07 0.64 0.00	23.22 0.67 0.00	23.09 0.64 0.00	22.92 0.60 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.56 2.15 0.00	25.02 1.80 0.00	23.05 1.61 0.00	23.41 1.73 0.00	23.96 1.86 0.00	28.41 2.17 0.00	33.30 3.06 0.00	31.67 2.99 0.00	25.02 1.62 0.00	22.56 1.01 0.00	23.45 1.01 0.00	23.96 1.06 0.00	21.17 0.88 0.00	20.47 0.96 0.00	18.77 1.03 0.00	20.47 1.33 0.00	23.31 1.76 0.00	27.75 2.50 0.00	30.75 2.93 0.00	24.29 2.20 0.00	22.44 2.01 0.00	24.41 1.86 0.00	24.13 1.68 0.00	23.78 1.46 0.00
REVERE_CPPR_DRP 24186	27.09 0.68 0.00	23.80 0.58 0.00	22.04 0.59 0.00	22.34 0.66 0.00	22.79 0.69 0.00	27.18 0.94 0.00	31.55 1.31 0.00	29.97 1.30 0.00	24.01 0.61 0.00	21.96 0.40 0.00	22.81 0.37 0.00	23.28 0.38 0.00	20.61 0.32 0.00	19.78 0.27 0.00	18.00 0.26 0.00	19.40 0.27 0.00	22.00 0.45 0.00	26.08 0.83 0.00	28.79 0.97 0.00	22.70 0.61 0.00	20.89 0.46 0.00	23.06 0.51 0.00	22.85 0.40 0.00	22.64 0.32 0.00
REYNOLDS_115KV_TB3 80639	26.66 0.25 0.00	23.52 0.30 0.00	21.67 0.23 0.00	21.93 0.24 0.00	22.42 0.31 0.00	26.65 0.41 0.00	30.97 0.72 0.00	29.45 0.78 0.00	23.73 0.33 0.00	21.72 0.16 0.00	22.64 0.20 0.00	23.14 0.24 0.00	20.48 0.19 0.00	19.73 0.21 0.00	17.96 0.22 0.00	19.36 0.23 0.00	21.89 0.34 0.00	25.77 0.51 0.00	28.66 0.84 0.00	22.73 0.64 0.00	21.03 0.60 0.00	23.18 0.63 0.00	23.06 0.61 0.00	22.89 0.57 0.00
RIVERBAY____ 323610	26.74 0.33 0.00	23.59 0.37 0.00	21.83 0.38 0.00	22.05 0.36 0.00	22.52 0.42 0.00	26.84 0.59 0.00	31.43 1.19 0.00	29.80 1.13 0.00	24.25 0.85 0.00	22.35 0.79 0.00	23.30 0.86 0.00	23.73 0.83 0.00	20.99 0.70 0.00	20.14 0.63 0.00	18.38 0.64 0.00	19.78 0.65 0.00	22.27 0.72 0.00	26.34 1.09 0.00	29.38 1.56 0.00	23.39 1.30 0.00	21.48 1.05 0.00	23.69 1.14 0.00	23.48 1.03 0.00	23.24 0.92 0.00
RIVERSDE_115KV_TB3 55908	26.76 0.34 0.00	23.58 0.37 0.00	21.74 0.29 0.00	21.99 0.30 0.00	22.48 0.37 0.00	26.74 0.49 0.00	31.06 0.82 0.00	29.53 0.86 0.00	23.81 0.41 0.00	21.80 0.24 0.00	22.71 0.27 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.79 0.27 0.00	18.02 0.27 0.00	19.43 0.30 0.00	21.96 0.41 0.00	25.85 0.60 0.00	28.75 0.93 0.00	22.80 0.71 0.00	21.08 0.65 0.00	23.24 0.69 0.00	23.11 0.66 0.00	22.94 0.62 0.00
ROARING___BROOK_WT_PWR 323790	26.20 -0.21 0.00	23.24 0.02 0.00	21.54 0.09 0.00	21.83 0.14 0.00	22.24 0.14 0.00	26.35 0.11 0.00	30.29 0.04 0.00	28.65 -0.02 0.00	23.46 0.07 0.00	21.65 0.09 0.00	22.56 0.12 0.00	23.02 0.12 0.00	20.39 0.10 0.00	19.58 0.06 0.00	17.78 0.03 0.00	19.16 0.03 0.00	21.54 -0.01 0.00	25.12 -0.14 0.00	27.35 -0.47 0.00	21.61 -0.48 0.00	19.91 -0.52 0.00	21.85 -0.70 0.00	21.88 -0.57 0.00	21.73 -0.60 0.00
ROCHESRG_115KV_T4 355643	25.71 -0.71 0.00	22.30 -0.92 0.00	20.71 -0.74 0.00	20.89 -0.79 0.00	21.14 -0.96 0.00	25.14 -1.10 0.00	28.70 -1.54 0.00	27.24 -1.44 0.00	22.38 -1.02 0.00	20.62 -0.94 0.00	21.36 -1.08 0.00	21.80 -1.10 0.00	19.45 -0.84 0.00	18.80 -0.72 0.00	17.01 -0.73 0.00	18.35 -0.78 0.00	20.61 -0.94 0.00	24.02 -1.23 0.00	26.35 -1.46 0.00	20.80 -1.30 0.00	19.17 -1.26 0.00	21.07 -1.48 0.00	20.93 -1.52 0.00	20.90 -1.42 0.00
ROCHESTER_9_IC 23652	25.85 -0.57 0.00	22.42 -0.80 0.00	20.82 -0.62 0.00	21.01 -0.68 0.00	21.26 -0.84 0.00	25.30 -0.95 0.00	28.88 -1.37 0.00	27.41 -1.27 0.00	22.51 -0.89 0.00	20.74 -0.82 0.00	21.47 -0.97 0.00	21.91 -0.99 0.00	19.55 -0.74 0.00	18.89 -0.62 0.00	17.10 -0.65 0.00	18.44 -0.69 0.00	20.72 -0.82 0.00	24.16 -1.09 0.00	26.51 -1.31 0.00	20.92 -1.17 0.00	19.28 -1.15 0.00	21.19 -1.36 0.00	21.04 -1.41 0.00	21.00 -1.32 0.00
ROCKVIEW_13_KV_LD 356306	26.89 0.48 0.00	23.64 0.42 0.00	21.75 0.30 0.00	21.98 0.29 0.00	22.47 0.36 0.00	26.76 0.51 0.00	31.23 0.99 0.00	29.78 1.10 0.00	24.18 0.78 0.00	22.29 0.73 0.00	23.25 0.82 0.00	23.74 0.83 0.00	20.96 0.67 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.85 0.71 0.00	22.35 0.80 0.00	26.43 1.17 0.00	29.43 1.61 0.00	23.41 1.32 0.00	21.52 1.09 0.00	23.74 1.19 0.00	23.51 1.06 0.00	23.28 0.96 0.00

ROME____115KV_TB2 80656	27.09 0.68 0.00	23.80 0.58 0.00	22.04 0.59 0.00	22.34 0.66 0.00	22.79 0.69 0.00	27.18 0.94 0.00	31.55 1.31 0.00	29.97 1.30 0.00	24.01 0.61 0.00	21.96 0.40 0.00	22.81 0.37 0.00	23.28 0.38 0.00	20.61 0.32 0.00	19.78 0.27 0.00	18.00 0.26 0.00	19.40 0.27 0.00	22.00 0.45 0.00	26.08 0.83 0.00	28.79 0.97 0.00	22.70 0.61 0.00	20.89 0.46 0.00	23.06 0.51 0.00	22.85 0.40 0.00	22.64 0.32 0.00
ROSETON____1 23587	26.65 0.24 0.00	23.45 0.23 0.00	21.59 0.15 0.00	21.83 0.14 0.00	22.31 0.21 0.00	26.57 0.32 0.00	30.96 0.72 0.00	29.49 0.82 0.00	23.90 0.50 0.00	21.99 0.44 0.00	22.92 0.48 0.00	23.39 0.49 0.00	20.66 0.37 0.00	19.87 0.35 0.00	18.11 0.37 0.00	19.55 0.42 0.00	22.04 0.49 0.00	26.06 0.80 0.00	29.00 1.18 0.00	23.06 0.96 0.00	21.23 0.80 0.00	23.42 0.87 0.00	23.23 0.77 0.00	23.02 0.70 0.00
ROSETON____2 23588	26.65 0.24 0.00	23.45 0.23 0.00	21.59 0.15 0.00	21.83 0.14 0.00	22.31 0.21 0.00	26.57 0.32 0.00	30.96 0.72 0.00	29.49 0.82 0.00	23.90 0.50 0.00	21.99 0.44 0.00	22.92 0.48 0.00	23.39 0.49 0.00	20.66 0.37 0.00	19.87 0.35 0.00	18.11 0.37 0.00	19.55 0.42 0.00	22.04 0.49 0.00	26.06 0.80 0.00	29.00 1.18 0.00	23.06 0.96 0.00	21.23 0.80 0.00	23.42 0.87 0.00	23.23 0.77 0.00	23.02 0.70 0.00
ROTTRDAM_115KV_TB3 80664	26.77 0.36 0.00	23.55 0.33 0.00	21.72 0.28 0.00	21.98 0.29 0.00	22.44 0.34 0.00	26.69 0.44 0.00	30.98 0.73 0.00	29.41 0.73 0.00	23.79 0.39 0.00	21.80 0.24 0.00	22.70 0.26 0.00	23.17 0.27 0.00	20.50 0.21 0.00	19.72 0.20 0.00	17.96 0.22 0.00	19.38 0.25 0.00	21.92 0.37 0.00	25.84 0.59 0.00	28.65 0.83 0.00	22.73 0.64 0.00	20.99 0.56 0.00	23.13 0.58 0.00	22.99 0.54 0.00	22.81 0.49 0.00
RUSSELL____1 23602	25.95 -0.46 0.00	22.51 -0.71 0.00	20.90 -0.54 0.00	21.09 -0.60 0.00	21.35 -0.76 0.00	25.40 -0.85 0.00	29.02 -1.23 0.00	27.55 -1.13 0.00	22.61 -0.78 0.00	20.83 -0.72 0.00	21.55 -0.88 0.00	22.00 -0.90 0.00	19.63 -0.67 0.00	18.97 -0.55 0.00	17.16 -0.58 0.00	18.51 -0.62 0.00	20.81 -0.73 0.00	24.28 -0.98 0.00	26.65 -1.17 0.00	21.03 -1.07 0.00	19.38 -1.05 0.00	21.28 -1.27 0.00	21.13 -1.32 0.00	21.09 -1.23 0.00
RUSSELL____2 23532	25.95 -0.46 0.00	22.51 -0.71 0.00	20.90 -0.54 0.00	21.09 -0.60 0.00	21.35 -0.76 0.00	25.40 -0.85 0.00	29.02 -1.23 0.00	27.55 -1.13 0.00	22.61 -0.78 0.00	20.83 -0.72 0.00	21.55 -0.88 0.00	22.00 -0.90 0.00	19.63 -0.67 0.00	18.97 -0.55 0.00	17.16 -0.58 0.00	18.51 -0.62 0.00	20.81 -0.73 0.00	24.28 -0.98 0.00	26.65 -1.17 0.00	21.03 -1.07 0.00	19.38 -1.05 0.00	21.28 -1.27 0.00	21.13 -1.32 0.00	21.09 -1.23 0.00
RUSSELL____3 23549	25.95 -0.46 0.00	22.51 -0.71 0.00	20.90 -0.54 0.00	21.09 -0.60 0.00	21.35 -0.76 0.00	25.40 -0.85 0.00	29.02 -1.23 0.00	27.55 -1.13 0.00	22.61 -0.78 0.00	20.83 -0.72 0.00	21.55 -0.88 0.00	22.00 -0.90 0.00	19.63 -0.67 0.00	18.97 -0.55 0.00	17.16 -0.58 0.00	18.51 -0.62 0.00	20.81 -0.73 0.00	24.28 -0.98 0.00	26.65 -1.17 0.00	21.03 -1.07 0.00	19.38 -1.05 0.00	21.28 -1.27 0.00	21.13 -1.32 0.00	21.09 -1.23 0.00
RUSSELL____4 23556	25.95 -0.46 0.00	22.51 -0.71 0.00	20.90 -0.54 0.00	21.09 -0.60 0.00	21.35 -0.76 0.00	25.40 -0.85 0.00	29.02 -1.23 0.00	27.55 -1.13 0.00	22.61 -0.78 0.00	20.83 -0.72 0.00	21.55 -0.88 0.00	22.00 -0.90 0.00	19.63 -0.67 0.00	18.97 -0.55 0.00	17.16 -0.58 0.00	18.51 -0.62 0.00	20.81 -0.73 0.00	24.28 -0.98 0.00	26.65 -1.17 0.00	21.03 -1.07 0.00	19.38 -1.05 0.00	21.28 -1.27 0.00	21.13 -1.32 0.00	21.09 -1.23 0.00
RUSSELL____STATION 23914	25.95 -0.46 0.00	22.51 -0.71 0.00	20.90 -0.54 0.00	21.09 -0.60 0.00	21.35 -0.76 0.00	25.40 -0.85 0.00	29.02 -1.23 0.00	27.55 -1.13 0.00	22.61 -0.78 0.00	20.83 -0.72 0.00	21.55 -0.88 0.00	22.00 -0.90 0.00	19.63 -0.67 0.00	18.97 -0.55 0.00	17.16 -0.58 0.00	18.51 -0.62 0.00	20.81 -0.73 0.00	24.28 -0.98 0.00	26.65 -1.17 0.00	21.03 -1.07 0.00	19.38 -1.05 0.00	21.28 -1.27 0.00	21.13 -1.32 0.00	21.09 -1.23 0.00
S SALMON____HYD 24043	25.60 -0.81 0.00	22.52 -0.70 0.00	20.91 -0.53 0.00	21.22 -0.46 0.00	21.62 -0.48 0.00	25.75 -0.49 0.00	29.79 -0.46 0.00	28.22 -0.46 0.00	22.81 -0.59 0.00	20.89 -0.66 0.00	21.64 -0.79 0.00	22.10 -0.80 0.00	19.58 -0.71 0.00	18.83 -0.68 0.00	17.11 -0.64 0.00	18.44 -0.69 0.00	20.81 -0.74 0.00	24.59 -0.67 0.00	27.16 -0.66 0.00	21.41 -0.69 0.00	19.65 -0.78 0.00	21.69 -0.87 0.00	21.51 -0.94 0.00	21.32 -1.00 0.00
S.PERRY__115KV_TB1 80734	26.72 0.31 0.00	23.24 0.03 0.00	21.48 0.03 0.00	21.68 -0.01 0.00	21.95 -0.15 0.00	26.16 -0.08 0.00	30.06 -0.19 0.00	28.57 -0.10 0.00	23.10 -0.31 0.00	21.24 -0.33 0.00	21.96 -0.48 0.00	22.44 -0.46 0.00	19.91 -0.38 0.00	19.17 -0.34 0.00	17.33 -0.41 0.00	18.69 -0.44 0.00	20.97 -0.58 0.00	24.83 -0.42 0.00	27.41 -0.41 0.00	21.65 -0.44 0.00	19.78 -0.65 0.00	21.76 -0.79 0.00	21.63 -0.81 0.00	21.60 -0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.69 -0.72 0.00	22.08 -1.13 0.00	20.58 -0.87 0.00	20.71 -0.98 0.00	20.81 -1.29 0.00	24.74 -1.51 0.00	27.87 -2.37 0.00	26.46 -2.22 0.00	21.96 -1.44 0.00	20.25 -1.31 0.00	20.96 -1.48 0.00	21.43 -1.47 0.00	19.20 -1.10 0.00	18.63 -0.88 0.00	16.81 -0.93 0.00	18.11 -1.02 0.00	20.20 -1.34 0.00	23.38 -1.88 0.00	25.50 -2.31 0.00	20.05 -2.05 0.00	18.47 -1.96 0.00	20.30 -2.26 0.00	20.19 -2.26 0.00	20.26 -2.07 0.00
SAWYER__23_KV_LOAD 55526	25.69 -0.72 0.00	22.08 -1.13 0.00	20.58 -0.87 0.00	20.71 -0.98 0.00	20.81 -1.29 0.00	24.74 -1.51 0.00	27.87 -2.37 0.00	26.46 -2.22 0.00	21.96 -1.44 0.00	20.25 -1.31 0.00	20.96 -1.48 0.00	21.43 -1.47 0.00	19.20 -1.10 0.00	18.63 -0.88 0.00	16.81 -0.93 0.00	18.11 -1.02 0.00	20.20 -1.34 0.00	23.38 -1.88 0.00	25.50 -2.31 0.00	20.05 -2.05 0.00	18.47 -1.96 0.00	20.30 -2.26 0.00	20.19 -2.26 0.00	20.26 -2.07 0.00
SELKIRK____I 23801	26.82 0.41 0.00	23.62 0.40 0.00	21.79 0.34 0.00	22.04 0.35 0.00	22.52 0.41 0.00	26.79 0.55 0.00	31.06 0.82 0.00	29.49 0.82 0.00	23.81 0.41 0.00	21.81 0.25 0.00	22.71 0.27 0.00	23.20 0.30 0.00	20.53 0.24 0.00	19.76 0.24 0.00	17.99 0.25 0.00	19.41 0.28 0.00	21.98 0.43 0.00	25.88 0.62 0.00	28.73 0.90 0.00	22.79 0.69 0.00	21.06 0.63 0.00	23.22 0.67 0.00	23.09 0.64 0.00	22.93 0.61 0.00
SELKIRK____II 23799	26.69 0.28 0.00	23.50 0.29 0.00	21.67 0.22 0.00	21.92 0.23 0.00	22.39 0.29 0.00	26.64 0.39 0.00	30.92 0.68 0.00	29.39 0.71 0.00	23.74 0.34 0.00	21.76 0.20 0.00	22.66 0.23 0.00	23.15 0.25 0.00	20.49 0.19 0.00	19.72 0.20 0.00	17.95 0.21 0.00	19.36 0.23 0.00	21.89 0.34 0.00	25.78 0.53 0.00	28.63 0.82 0.00	22.72 0.63 0.00	21.00 0.57 0.00	23.15 0.60 0.00	23.01 0.56 0.00	22.84 0.52 0.00

SENECA OSWGO___HYD 24041	25.80 -0.61 0.00	22.58 -0.63 0.00	20.91 -0.54 0.00	21.15 -0.54 0.00	21.52 -0.58 0.00	25.62 -0.62 0.00	29.56 -0.69 0.00	28.07 -0.61 0.00	22.84 -0.56 0.00	20.99 -0.57 0.00	21.78 -0.66 0.00	22.20 -0.70 0.00	19.71 -0.58 0.00	19.01 -0.51 0.00	17.29 -0.46 0.00	18.64 -0.49 0.00	21.00 -0.54 0.00	24.70 -0.56 0.00	27.25 -0.57 0.00	21.60 -0.49 0.00	19.88 -0.55 0.00	21.91 -0.64 0.00	21.74 -0.71 0.00	21.63 -0.69 0.00
SENECA___115KV_TB3 355854	26.09 -0.33 0.00	22.40 -0.81 0.00	20.87 -0.58 0.00	20.99 -0.70 0.00	21.11 -0.99 0.00	25.11 -1.14 0.00	28.31 -1.94 0.00	26.93 -1.74 0.00	22.35 -1.05 0.00	20.61 -0.94 0.00	21.33 -1.11 0.00	21.82 -1.08 0.00	19.53 -0.76 0.00	18.95 -0.57 0.00	17.10 -0.64 0.00	18.43 -0.71 0.00	20.56 -0.98 0.00	23.81 -1.45 0.00	25.96 -1.86 0.00	20.40 -1.69 0.00	18.75 -1.68 0.00	20.61 -1.94 0.00	20.50 -1.95 0.00	20.54 -1.78 0.00
SENECA___ENERGY 23797	26.04 -0.38 0.00	22.77 -0.45 0.00	21.06 -0.39 0.00	21.30 -0.39 0.00	21.64 -0.46 0.00	25.70 -0.54 0.00	29.68 -0.56 0.00	28.20 -0.48 0.00	22.99 -0.41 0.00	21.19 -0.37 0.00	21.91 -0.53 0.00	22.32 -0.58 0.00	19.79 -0.50 0.00	19.09 -0.43 0.00	17.31 -0.44 0.00	18.67 -0.46 0.00	21.04 -0.51 0.00	24.73 -0.53 0.00	27.27 -0.54 0.00	21.59 -0.50 0.00	19.81 -0.62 0.00	21.80 -0.75 0.00	21.66 -0.79 0.00	21.57 -0.75 0.00
SHOEMAKER___GT 23640	26.67 0.25 0.00	23.44 0.23 0.00	21.61 0.16 0.00	21.85 0.16 0.00	22.32 0.22 0.00	26.56 0.32 0.00	30.91 0.67 0.00	29.42 0.74 0.00	23.83 0.43 0.00	21.92 0.36 0.00	22.83 0.39 0.00	23.29 0.39 0.00	20.59 0.30 0.00	19.78 0.26 0.00	18.02 0.28 0.00	19.48 0.35 0.00	21.97 0.42 0.00	25.99 0.74 0.00	28.90 1.09 0.00	22.98 0.88 0.00	21.15 0.72 0.00	23.34 0.79 0.00	23.16 0.71 0.00	22.96 0.64 0.00
SHOEMAKR_138KV_BK 111 55601	26.64 0.23 0.00	23.44 0.22 0.00	21.59 0.15 0.00	21.84 0.15 0.00	22.31 0.21 0.00	26.54 0.30 0.00	30.89 0.65 0.00	29.40 0.73 0.00	23.84 0.44 0.00	21.93 0.37 0.00	22.85 0.41 0.00	23.31 0.41 0.00	20.60 0.31 0.00	19.80 0.28 0.00	18.04 0.30 0.00	19.49 0.36 0.00	21.98 0.43 0.00	25.99 0.74 0.00	28.90 1.09 0.00	22.98 0.88 0.00	21.14 0.71 0.00	23.33 0.78 0.00	23.15 0.70 0.00	22.95 0.63 0.00
SHOREHAM_IC_1 23715	27.26 0.85 0.00	23.91 0.69 0.00	22.04 0.59 0.00	22.20 0.52 0.00	22.68 0.58 0.00	26.92 0.67 0.00	31.20 0.95 0.00	29.23 0.56 0.00	23.82 0.41 0.00	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.69 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.53 1.27 0.00	29.61 1.79 0.00	23.58 1.48 0.00	21.62 1.19 0.00	23.92 1.37 0.00	23.64 1.19 0.00	23.39 1.07 0.00
SHOREHAM_IC_2 23716	27.26 0.85 0.00	23.91 0.69 0.00	22.04 0.59 0.00	22.20 0.52 0.00	22.68 0.58 0.00	26.92 0.67 0.00	31.20 0.95 0.00	29.23 0.56 0.00	23.82 0.41 0.00	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.69 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.53 1.27 0.00	29.61 1.79 0.00	23.58 1.48 0.00	21.62 1.19 0.00	23.92 1.37 0.00	23.64 1.19 0.00	23.39 1.07 0.00
SISSONVILLE___ 23735	27.13 0.71 0.00	23.95 0.73 0.00	22.16 0.71 0.00	22.43 0.74 0.00	22.75 0.65 0.00	26.79 0.54 0.00	30.68 0.44 0.00	28.90 0.23 0.00	23.64 0.23 0.00	21.86 0.30 0.00	22.87 0.44 0.00	23.35 0.45 0.00	20.59 0.30 0.00	19.60 0.08 0.00	17.67 -0.07 0.00	19.02 -0.11 0.00	21.29 -0.25 0.00	24.82 -0.43 0.00	27.14 -0.67 0.00	21.47 -0.62 0.00	19.87 -0.56 0.00	22.33 -0.22 0.00	22.49 0.04 0.00	22.24 -0.08 0.00
SITHE_IND_GS1 24169	25.60 -0.81 0.00	22.42 -0.79 0.00	20.75 -0.69 0.00	20.99 -0.70 0.00	21.34 -0.76 0.00	25.36 -0.88 0.00	29.24 -1.01 0.00	27.75 -0.92 0.00	22.64 -0.76 0.00	20.84 -0.72 0.00	21.63 -0.80 0.00	22.06 -0.83 0.00	19.61 -0.68 0.00	18.91 -0.61 0.00	17.20 -0.54 0.00	18.54 -0.59 0.00	20.84 -0.71 0.00	24.44 -0.82 0.00	26.94 -0.88 0.00	21.35 -0.74 0.00	19.68 -0.75 0.00	21.69 -0.86 0.00	21.55 -0.90 0.00	21.46 -0.86 0.00
SITHE_IND_GS2 24170	25.60 -0.81 0.00	22.42 -0.79 0.00	20.75 -0.69 0.00	20.99 -0.70 0.00	21.34 -0.76 0.00	25.36 -0.88 0.00	29.24 -1.01 0.00	27.75 -0.92 0.00	22.64 -0.76 0.00	20.84 -0.72 0.00	21.63 -0.80 0.00	22.06 -0.83 0.00	19.61 -0.68 0.00	18.91 -0.61 0.00	17.20 -0.54 0.00	18.54 -0.59 0.00	20.84 -0.71 0.00	24.44 -0.82 0.00	26.94 -0.88 0.00	21.35 -0.74 0.00	19.68 -0.75 0.00	21.69 -0.86 0.00	21.55 -0.90 0.00	21.46 -0.86 0.00
SITHE_IND_GS3 24171	25.60 -0.81 0.00	22.42 -0.79 0.00	20.75 -0.69 0.00	20.99 -0.70 0.00	21.34 -0.76 0.00	25.36 -0.88 0.00	29.24 -1.01 0.00	27.75 -0.92 0.00	22.64 -0.76 0.00	20.84 -0.72 0.00	21.63 -0.80 0.00	22.06 -0.83 0.00	19.61 -0.68 0.00	18.91 -0.61 0.00	17.20 -0.54 0.00	18.54 -0.59 0.00	20.84 -0.71 0.00	24.44 -0.82 0.00	26.94 -0.88 0.00	21.35 -0.74 0.00	19.68 -0.75 0.00	21.69 -0.86 0.00	21.55 -0.90 0.00	21.46 -0.86 0.00
SITHE_IND_GS4 24172	25.60 -0.81 0.00	22.42 -0.79 0.00	20.75 -0.69 0.00	20.99 -0.70 0.00	21.34 -0.76 0.00	25.36 -0.88 0.00	29.24 -1.01 0.00	27.75 -0.92 0.00	22.64 -0.76 0.00	20.84 -0.72 0.00	21.63 -0.80 0.00	22.06 -0.83 0.00	19.61 -0.68 0.00	18.91 -0.61 0.00	17.20 -0.54 0.00	18.54 -0.59 0.00	20.84 -0.71 0.00	24.44 -0.82 0.00	26.94 -0.88 0.00	21.35 -0.74 0.00	19.68 -0.75 0.00	21.69 -0.86 0.00	21.55 -0.90 0.00	21.46 -0.86 0.00
SITHE___BATAVIA 24024	5.20 -0.16 21.06	13.64 -0.55 9.03	10.30 -0.38 10.77	12.67 -0.47 8.55	17.37 -0.70 4.03	18.66 -0.74 6.85	26.16 -1.42 2.67	26.20 -1.33 1.14	21.22 -0.87 1.31	20.31 -0.87 0.38	21.27 -1.17 0.00	21.72 -1.18 0.00	19.47 -0.82 0.00	18.83 -0.69 0.00	16.95 -0.79 0.00	18.29 -0.85 0.00	20.61 -0.94 0.00	24.03 -1.23 0.00	26.29 -1.53 0.00	20.68 -1.41 0.00	19.06 -1.37 0.00	20.92 -1.63 0.00	20.77 -1.68 0.00	20.80 -1.52 0.00
SITHE___INDEPEND 23800	25.61 -0.81 0.00	22.42 -0.80 0.00	20.75 -0.69 0.00	20.98 -0.71 0.00	21.34 -0.76 0.00	25.36 -0.88 0.00	29.24 -1.01 0.00	27.75 -0.92 0.00	22.64 -0.76 0.00	20.84 -0.72 0.00	21.63 -0.80 0.00	22.06 -0.84 0.00	19.62 -0.68 0.00	18.91 -0.61 0.00	17.20 -0.54 0.00	18.54 -0.59 0.00	20.84 -0.71 0.00	24.44 -0.82 0.00	26.94 -0.88 0.00	21.35 -0.74 0.00	19.68 -0.75 0.00	21.69 -0.86 0.00	21.55 -0.89 0.00	21.46 -0.86 0.00
SITHE___MASSENA 23902	27.13 0.71 0.00	23.92 0.70 0.00	22.09 0.65 0.00	22.35 0.66 0.00	22.71 0.61 0.00	26.76 0.52 0.00	30.62 0.37 0.00	28.87 0.20 0.00	23.75 0.35 0.00	21.98 0.42 0.00	22.99 0.56 0.00	23.48 0.58 0.00	20.79 0.49 0.00	19.91 0.39 0.00	18.02 0.28 0.00	19.41 0.28 0.00	21.72 0.17 0.00	25.29 0.03 0.00	27.58 -0.24 0.00	21.90 -0.20 0.00	20.33 -0.10 0.00	22.60 0.05 0.00	22.73 0.27 0.00	22.61 0.28 0.00

SITHE___OGDNSBRG 24021	27.59 1.18 0.00	24.34 1.12 0.00	22.49 1.05 0.00	22.76 1.07 0.00	23.12 1.02 0.00	27.23 0.99 0.00	31.18 0.94 0.00	29.33 0.66 0.00	23.95 0.55 0.00	22.13 0.57 0.00	23.17 0.73 0.00	23.65 0.75 0.00	20.90 0.61 0.00	19.96 0.44 0.00	18.02 0.28 0.00	19.42 0.29 0.00	21.73 0.19 0.00	25.48 0.23 0.00	27.88 0.06 0.00	22.10 0.01 0.00	20.51 0.08 0.00	22.90 0.35 0.00	23.02 0.57 0.00	22.84 0.52 0.00
SITHE___STERLING 23777	26.86 0.45 0.00	23.58 0.36 0.00	21.82 0.37 0.00	22.10 0.41 0.00	22.53 0.43 0.00	26.86 0.62 0.00	31.16 0.92 0.00	29.55 0.88 0.00	23.78 0.38 0.00	21.78 0.22 0.00	22.63 0.19 0.00	23.09 0.19 0.00	20.45 0.16 0.00	19.66 0.14 0.00	17.88 0.14 0.00	19.29 0.16 0.00	21.82 0.28 0.00	25.83 0.58 0.00	28.54 0.73 0.00	22.56 0.46 0.00	20.75 0.32 0.00	22.90 0.35 0.00	22.70 0.25 0.00	22.52 0.20 0.00
SLEIGHT__34_KV_TB1 80719	25.84 -0.57 0.00	22.50 -0.72 0.00	20.86 -0.59 0.00	21.07 -0.62 0.00	21.38 -0.73 0.00	25.43 -0.82 0.00	29.26 -0.98 0.00	27.77 -0.91 0.00	22.70 -0.70 0.00	20.90 -0.66 0.00	21.62 -0.82 0.00	22.05 -0.85 0.00	19.63 -0.67 0.00	18.95 -0.56 0.00	17.15 -0.59 0.00	18.51 -0.63 0.00	20.86 -0.68 0.00	24.42 -0.83 0.00	26.86 -0.95 0.00	21.23 -0.86 0.00	19.54 -0.88 0.00	21.47 -1.08 0.00	21.32 -1.14 0.00	21.24 -1.08 0.00
SOUTH CAIRO___GT 23612	27.85 1.43 0.00	24.50 1.28 0.00	22.61 1.16 0.00	22.88 1.19 0.00	23.39 1.29 0.00	27.90 1.66 0.00	32.48 2.24 0.00	30.81 2.14 0.00	24.55 1.15 0.00	22.22 0.67 0.00	23.06 0.63 0.00	23.53 0.64 0.00	20.82 0.53 0.00	20.05 0.53 0.00	18.25 0.51 0.00	19.78 0.65 0.00	22.56 1.02 0.00	26.77 1.52 0.00	29.95 2.14 0.00	23.72 1.63 0.00	21.91 1.49 0.00	24.12 1.57 0.00	23.95 1.50 0.00	23.74 1.42 0.00
SOUTH HAMPTN___IC 23720	27.42 1.00 0.00	24.04 0.82 0.00	22.15 0.71 0.00	22.32 0.64 0.00	22.82 0.72 0.00	27.11 0.87 0.00	31.44 1.20 0.00	29.48 0.80 0.00	23.99 0.59 0.00	22.18 0.63 0.00	23.43 0.99 0.00	23.97 1.07 0.00	21.12 0.83 0.00	20.28 0.76 0.00	18.56 0.81 0.00	20.03 0.89 0.00	22.59 1.04 0.00	26.76 1.50 0.00	29.93 2.11 0.00	23.84 1.75 0.00	21.86 1.43 0.00	24.19 1.63 0.00	23.91 1.46 0.00	23.66 1.34 0.00
SOUTHDOW__115KV_TB1 355954	26.67 0.25 0.00	22.79 -0.42 0.00	21.39 -0.05 0.00	21.51 -0.18 0.00	21.48 -0.62 0.00	25.76 -0.48 0.00	29.40 -0.84 0.00	27.88 -0.79 0.00	23.15 -0.25 0.00	21.45 -0.11 0.00	22.28 -0.15 0.00	22.81 -0.09 0.00	20.39 0.10 0.00	19.81 0.29 0.00	17.88 0.14 0.00	19.23 0.10 0.00	21.36 -0.19 0.00	24.78 -0.47 0.00	27.01 -0.81 0.00	21.13 -0.96 0.00	19.22 -1.21 0.00	21.19 -1.36 0.00	21.06 -1.39 0.00	21.28 -1.04 0.00
SOUTHOLD_69_KV_BK 2 55809	27.55 1.14 0.00	24.17 0.95 0.00	22.26 0.81 0.00	22.45 0.76 0.00	22.94 0.84 0.00	27.30 1.06 0.00	31.68 1.43 0.00	29.69 1.01 0.00	24.13 0.73 0.00	22.27 0.71 0.00	23.50 1.06 0.00	24.03 1.13 0.00	21.16 0.87 0.00	20.32 0.81 0.00	18.61 0.86 0.00	20.11 0.98 0.00	22.71 1.16 0.00	26.98 1.73 0.00	30.30 2.49 0.00	24.18 2.09 0.00	22.16 1.73 0.00	24.50 1.95 0.00	24.24 1.79 0.00	23.99 1.67 0.00
SOUTHOLD___IC 23719	27.56 1.14 0.00	24.16 0.95 0.00	22.26 0.81 0.00	22.44 0.75 0.00	22.94 0.83 0.00	27.29 1.05 0.00	31.68 1.43 0.00	29.68 1.01 0.00	24.13 0.72 0.00	22.27 0.71 0.00	23.50 1.06 0.00	24.02 1.13 0.00	21.16 0.87 0.00	20.32 0.81 0.00	18.61 0.86 0.00	20.11 0.98 0.00	22.70 1.16 0.00	26.98 1.73 0.00	30.30 2.49 0.00	24.18 2.09 0.00	22.16 1.73 0.00	24.50 1.95 0.00	24.24 1.79 0.00	23.99 1.67 0.00
SOUTH_FORK_WT_PWR 323839	27.42 1.01 0.00	24.05 0.84 0.00	22.15 0.70 0.00	22.33 0.64 0.00	22.83 0.73 0.00	27.17 0.92 0.00	31.53 1.28 0.00	29.54 0.86 0.00	24.00 0.60 0.00	22.16 0.60 0.00	23.39 0.95 0.00	23.91 1.01 0.00	21.05 0.76 0.00	20.21 0.70 0.00	18.51 0.77 0.00	20.02 0.89 0.00	22.59 1.05 0.00	26.89 1.64 0.00	30.27 2.45 0.00	24.18 2.08 0.00	22.17 1.74 0.00	24.50 1.95 0.00	24.25 1.80 0.00	24.02 1.70 0.00
SPIERFLS_115KV_TB 1 80737	27.26 0.85 0.00	23.96 0.74 0.00	22.09 0.64 0.00	22.37 0.68 0.00	22.88 0.77 0.00	27.23 0.98 0.00	31.74 1.49 0.00	30.13 1.46 0.00	24.25 0.85 0.00	22.06 0.51 0.00	22.99 0.55 0.00	23.48 0.58 0.00	20.72 0.43 0.00	19.85 0.34 0.00	18.11 0.37 0.00	19.62 0.49 0.00	22.29 0.74 0.00	26.38 1.13 0.00	29.29 1.47 0.00	23.22 1.12 0.00	21.45 1.02 0.00	23.54 0.99 0.00	23.35 0.90 0.00	23.11 0.79 0.00
ST LAWRENCE____ 23600	26.72 0.31 0.00	23.55 0.33 0.00	21.76 0.31 0.00	22.00 0.31 0.00	22.37 0.27 0.00	26.44 0.20 0.00	30.24 -0.01 0.00	28.54 -0.14 0.00	23.50 0.10 0.00	21.74 0.18 0.00	22.69 0.25 0.00	23.17 0.27 0.00	20.52 0.23 0.00	19.67 0.15 0.00	17.82 0.08 0.00	19.20 0.06 0.00	21.55 0.00 0.00	25.08 -0.17 0.00	27.35 -0.47 0.00	21.72 -0.37 0.00	20.19 -0.24 0.00	22.40 -0.15 0.00	22.45 0.00 0.00	22.36 0.04 0.00
STATE_CA_115KV_115_LB 55624	26.90 0.48 0.00	23.70 0.49 0.00	21.85 0.40 0.00	22.11 0.42 0.00	22.59 0.49 0.00	26.88 0.64 0.00	31.24 1.00 0.00	29.69 1.02 0.00	23.95 0.55 0.00	21.93 0.37 0.00	22.84 0.40 0.00	23.35 0.45 0.00	20.67 0.38 0.00	19.90 0.38 0.00	18.12 0.37 0.00	19.54 0.41 0.00	22.09 0.54 0.00	26.01 0.76 0.00	28.91 1.09 0.00	22.93 0.84 0.00	21.19 0.76 0.00	23.35 0.80 0.00	23.22 0.76 0.00	23.04 0.72 0.00
STATE_ST_34_KV_LOAD 55959	26.46 0.05 0.00	23.14 -0.07 0.00	21.41 -0.03 0.00	21.66 -0.03 0.00	22.04 -0.06 0.00	26.12 -0.13 0.00	30.19 -0.06 0.00	28.71 0.03 0.00	23.31 -0.09 0.00	21.48 -0.07 0.00	22.19 -0.25 0.00	22.68 -0.22 0.00	20.13 -0.15 0.00	19.41 -0.10 0.00	17.61 -0.14 0.00	18.97 -0.16 0.00	21.46 -0.08 0.00	25.19 -0.07 0.00	27.82 0.01 0.00	22.02 -0.08 0.00	20.28 -0.15 0.00	22.26 -0.29 0.00	22.15 -0.30 0.00	22.06 -0.26 0.00
STATION 5_MISC_HYD 23604	12.60 -0.58 13.23	16.77 -0.77 5.67	14.06 -0.62 6.77	15.64 -0.68 5.37	18.75 -0.81 2.54	21.00 -0.94 4.30	27.21 -1.36 1.68	26.71 -1.26 0.70	21.70 -0.88 0.82	20.51 -0.81 0.24	21.47 -0.97 0.00	21.91 -0.98 0.00	19.54 -0.75 0.00	18.89 -0.62 0.00	17.10 -0.65 0.00	18.44 -0.69 0.00	20.72 -0.82 0.00	24.16 -1.09 0.00	26.51 -1.31 0.00	20.92 -1.18 0.00	19.28 -1.15 0.00	21.19 -1.36 0.00	21.04 -1.41 0.00	21.01 -1.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.11 -0.30 0.00	22.73 -0.48 0.00	21.08 -0.37 0.00	21.29 -0.40 0.00	21.59 -0.51 0.00	25.70 -0.54 0.00	29.53 -0.71 0.00	28.05 -0.63 0.00	22.93 -0.47 0.00	21.10 -0.45 0.00	21.82 -0.62 0.00	22.24 -0.66 0.00	19.78 -0.51 0.00	19.09 -0.43 0.00	17.29 -0.45 0.00	18.66 -0.47 0.00	21.04 -0.51 0.00	24.64 -0.61 0.00	27.10 -0.72 0.00	21.42 -0.68 0.00	19.69 -0.74 0.00	21.65 -0.90 0.00	21.48 -0.97 0.00	21.41 -0.91 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	25.72 -0.69 0.00	22.33 -0.89 0.00	20.73 -0.72 0.00	20.91 -0.77 0.00	21.18 -0.93 0.00	25.20 -1.04 0.00	28.81 -1.44 0.00	27.35 -1.32 0.00	22.46 -0.95 0.00	20.68 -0.88 0.00	21.41 -1.03 0.00	21.85 -1.05 0.00	19.48 -0.81 0.00	18.83 -0.69 0.00	17.04 -0.70 0.00	18.38 -0.75 0.00	20.68 -0.87 0.00	24.11 -1.14 0.00	26.47 -1.35 0.00	20.89 -1.20 0.00	19.25 -1.18 0.00	21.15 -1.40 0.00	21.00 -1.45 0.00	20.95 -1.37 0.00
STA_56___34_KV_BUS2 355983	25.72 -0.69 0.00	22.33 -0.89 0.00	20.73 -0.72 0.00	20.91 -0.77 0.00	21.18 -0.93 0.00	25.20 -1.04 0.00	28.81 -1.44 0.00	27.35 -1.32 0.00	22.46 -0.95 0.00	20.68 -0.88 0.00	21.41 -1.03 0.00	21.85 -1.05 0.00	19.48 -0.81 0.00	18.83 -0.69 0.00	17.04 -0.70 0.00	18.38 -0.75 0.00	20.68 -0.87 0.00	24.11 -1.14 0.00	26.47 -1.35 0.00	20.89 -1.20 0.00	19.25 -1.18 0.00	21.15 -1.40 0.00	21.00 -1.45 0.00	20.95 -1.37 0.00
STA_67___115KV_BK2 355882	25.80 -0.62 0.00	22.37 -0.84 0.00	20.78 -0.67 0.00	20.97 -0.72 0.00	21.22 -0.89 0.00	25.24 -1.01 0.00	28.81 -1.43 0.00	27.35 -1.32 0.00	22.46 -0.94 0.00	20.70 -0.86 0.00	21.42 -1.01 0.00	21.87 -1.03 0.00	19.51 -0.78 0.00	18.86 -0.66 0.00	17.06 -0.68 0.00	18.40 -0.73 0.00	20.68 -0.87 0.00	24.11 -1.14 0.00	26.46 -1.37 0.00	20.87 -1.22 0.00	19.24 -1.19 0.00	21.14 -1.41 0.00	21.00 -1.45 0.00	20.97 -1.36 0.00
STA_7___115KV_9TRANS 80674	25.95 -0.46 0.00	22.51 -0.71 0.00	20.90 -0.54 0.00	21.09 -0.60 0.00	21.35 -0.76 0.00	25.40 -0.85 0.00	29.02 -1.23 0.00	27.55 -1.13 0.00	22.61 -0.78 0.00	20.83 -0.72 0.00	21.55 -0.88 0.00	22.00 -0.90 0.00	19.63 -0.67 0.00	18.97 -0.55 0.00	17.16 -0.58 0.00	18.51 -0.62 0.00	20.81 -0.73 0.00	24.28 -0.98 0.00	26.65 -1.17 0.00	21.03 -1.07 0.00	19.38 -1.05 0.00	21.28 -1.27 0.00	21.13 -1.32 0.00	21.09 -1.23 0.00
STA_82___115KV_TB1 80780	25.81 -0.60 0.00	22.39 -0.83 0.00	20.79 -0.66 0.00	20.98 -0.71 0.00	21.23 -0.88 0.00	25.25 -0.99 0.00	28.83 -1.42 0.00	27.37 -1.30 0.00	22.48 -0.92 0.00	20.71 -0.85 0.00	21.43 -1.01 0.00	21.87 -1.03 0.00	19.52 -0.77 0.00	18.87 -0.65 0.00	17.07 -0.67 0.00	18.41 -0.72 0.00	20.69 -0.86 0.00	24.12 -1.13 0.00	26.47 -1.35 0.00	20.89 -1.21 0.00	19.25 -1.18 0.00	21.15 -1.40 0.00	21.01 -1.44 0.00	20.97 -1.35 0.00
STEEL___WIND 323596	-4.82 -0.38 30.86	9.19 -0.80 13.23	5.05 -0.62 15.78	8.44 -0.72 12.53	15.23 -0.96 5.91	15.08 -1.13 10.03	24.40 -1.94 3.91	25.22 -1.75 1.70	20.43 -1.04 1.93	20.05 -0.95 0.56	21.31 -1.13 0.00	21.80 -1.10 0.00	19.50 -0.79 0.00	18.93 -0.59 0.00	17.09 -0.66 0.00	18.40 -0.73 0.00	20.54 -1.00 0.00	23.78 -1.47 0.00	25.93 -1.89 0.00	20.38 -1.71 0.00	18.73 -1.70 0.00	20.59 -1.96 0.00	20.48 -1.97 0.00	20.52 -1.80 0.00
STEPHTWN_115KV_BK_2 55603	26.98 0.56 0.00	23.77 0.55 0.00	21.91 0.47 0.00	22.14 0.45 0.00	22.66 0.56 0.00	26.96 0.72 0.00	31.39 1.14 0.00	29.77 1.10 0.00	24.05 0.65 0.00	21.95 0.39 0.00	22.84 0.40 0.00	23.34 0.44 0.00	20.66 0.37 0.00	19.86 0.34 0.00	18.09 0.35 0.00	19.53 0.40 0.00	22.13 0.58 0.00	26.06 0.81 0.00	29.01 1.18 0.00	23.03 0.94 0.00	21.27 0.84 0.00	23.44 0.89 0.00	23.30 0.85 0.00	23.10 0.78 0.00
STEUBEN_REC_LFGE 323667	26.41 0.00 0.00	23.09 -0.12 0.00	21.19 -0.26 0.00	21.41 -0.28 0.00	21.68 -0.43 0.00	25.67 -0.57 0.00	29.49 -0.76 0.00	28.03 -0.65 0.00	22.93 -0.47 0.00	21.30 -0.26 0.00	22.16 -0.28 0.00	22.67 -0.23 0.00	20.01 -0.28 0.00	19.19 -0.33 0.00	17.27 -0.47 0.00	18.58 -0.56 0.00	20.73 -0.81 0.00	24.38 -0.87 0.00	26.79 -1.03 0.00	21.08 -1.01 0.00	19.05 -1.38 0.00	21.07 -1.49 0.00	21.14 -1.31 0.00	21.22 -1.10 0.00
STILLWATER___SOLAR 323814	27.07 0.66 0.00	23.82 0.60 0.00	21.96 0.52 0.00	22.23 0.54 0.00	22.73 0.62 0.00	27.05 0.80 0.00	31.47 1.22 0.00	29.86 1.18 0.00	24.00 0.60 0.00	21.88 0.32 0.00	22.79 0.36 0.00	23.29 0.39 0.00	20.59 0.30 0.00	19.79 0.27 0.00	18.04 0.30 0.00	19.51 0.37 0.00	22.16 0.61 0.00	26.19 0.94 0.00	29.08 1.26 0.00	23.06 0.97 0.00	21.31 0.88 0.00	23.45 0.90 0.00	23.29 0.84 0.00	23.09 0.77 0.00
STONY___BROOK 24151	27.30 0.89 0.00	23.94 0.72 0.00	22.05 0.61 0.00	22.23 0.54 0.00	22.71 0.61 0.00	27.01 0.77 0.00	31.41 1.16 0.00	29.62 0.95 0.00	24.09 0.68 0.00	22.23 0.68 0.00	23.42 0.99 0.00	23.96 1.06 0.00	21.15 0.85 0.00	20.31 0.79 0.00	18.57 0.83 0.00	20.05 0.92 0.00	22.60 1.05 0.00	26.74 1.49 0.00	29.86 2.05 0.00	23.77 1.67 0.00	21.79 1.36 0.00	24.09 1.54 0.00	23.82 1.37 0.00	23.56 1.24 0.00
STURGEON_POOL_HYD 23609	26.66 0.24 0.00	23.45 0.23 0.00	21.58 0.14 0.00	21.83 0.14 0.00	22.31 0.20 0.00	26.57 0.32 0.00	30.99 0.74 0.00	29.55 0.88 0.00	23.96 0.56 0.00	22.05 0.49 0.00	22.95 0.52 0.00	23.41 0.51 0.00	20.68 0.39 0.00	19.87 0.35 0.00	18.11 0.36 0.00	19.53 0.40 0.00	22.00 0.45 0.00	26.05 0.80 0.00	29.02 1.21 0.00	23.09 1.00 0.00	21.23 0.81 0.00	23.43 0.88 0.00	23.22 0.77 0.00	22.99 0.67 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.68 0.27 0.00	23.47 0.26 0.00	21.61 0.17 0.00	21.86 0.17 0.00	22.34 0.24 0.00	26.59 0.34 0.00	30.98 0.73 0.00	29.51 0.83 0.00	23.93 0.53 0.00	22.06 0.50 0.00	22.98 0.55 0.00	23.45 0.55 0.00	20.71 0.42 0.00	19.92 0.40 0.00	18.16 0.41 0.00	19.61 0.48 0.00	22.09 0.55 0.00	26.12 0.87 0.00	29.07 1.25 0.00	23.12 1.03 0.00	21.25 0.82 0.00	23.45 0.90 0.00	23.26 0.81 0.00	23.05 0.73 0.00
SWANROAD_115KV_TB1 355699	25.38 -1.04 0.00	21.78 -1.44 0.00	20.32 -1.13 0.00	20.42 -1.27 0.00	20.46 -1.64 0.00	24.35 -1.89 0.00	27.22 -3.02 0.00	25.77 -2.90 0.00	21.40 -2.00 0.00	19.71 -1.85 0.00	20.38 -2.05 0.00	20.81 -2.09 0.00	18.68 -1.61 0.00	18.15 -1.37 0.00	16.37 -1.37 0.00	17.64 -1.49 0.00	19.68 -1.86 0.00	22.76 -2.49 0.00	24.83 -2.99 0.00	19.51 -2.58 0.00	18.02 -2.41 0.00	19.78 -2.77 0.00	19.68 -2.77 0.00	19.77 -2.55 0.00
SYNERGY___BIOGAS 323694	5.20 -0.16 21.06	13.64 -0.55 9.03	10.30 -0.38 10.77	12.67 -0.47 8.55	17.37 -0.70 4.03	18.66 -0.74 6.85	26.16 -1.42 2.67	26.20 -1.33 1.14	21.22 -0.87 1.31	20.31 -0.87 0.38	21.27 -1.17 0.00	21.72 -1.18 0.00	19.47 -0.82 0.00	18.83 -0.69 0.00	16.95 -0.79 0.00	18.29 -0.85 0.00	20.61 -0.94 0.00	24.03 -1.23 0.00	26.29 -1.53 0.00	20.68 -1.41 0.00	19.06 -1.37 0.00	20.92 -1.63 0.00	20.77 -1.68 0.00	20.80 -1.52 0.00
SYRACUSE___ENERGY_ST1 323597	26.20 -0.21 0.00	22.93 -0.29 0.00	21.23 -0.22 0.00	21.47 -0.22 0.00	21.84 -0.27 0.00	25.98 -0.26 0.00	30.01 -0.24 0.00	28.50 -0.18 0.00	23.19 -0.21 0.00	21.33 -0.23 0.00	22.13 -0.31 0.00	22.57 -0.33 0.00	20.05 -0.25 0.00	19.32 -0.20 0.00	17.56 -0.19 0.00	18.94 -0.19 0.00	21.35 -0.20 0.00	25.08 -0.18 0.00	27.66 -0.16 0.00	21.92 -0.17 0.00	20.17 -0.26 0.00	22.20 -0.35 0.00	22.06 -0.40 0.00	21.94 -0.38 0.00

SYRACUSE___ENERGY_ST2 323598	26.20 -0.21 0.00	22.93 -0.29 0.00	21.23 -0.22 0.00	21.47 -0.22 0.00	21.84 -0.27 0.00	25.98 -0.26 0.00	30.01 -0.24 0.00	28.50 -0.18 0.00	23.19 -0.21 0.00	21.33 -0.23 0.00	22.13 -0.31 0.00	22.57 -0.33 0.00	20.05 -0.25 0.00	19.32 -0.20 0.00	17.56 -0.19 0.00	18.94 -0.19 0.00	21.35 -0.20 0.00	25.08 -0.18 0.00	27.66 -0.16 0.00	21.92 -0.17 0.00	20.17 -0.26 0.00	22.20 -0.35 0.00	22.06 -0.40 0.00	21.94 -0.38 0.00
SYRACUSE___POWER 24017	26.17 -0.24 0.00	22.90 -0.31 0.00	21.20 -0.24 0.00	21.44 -0.25 0.00	21.81 -0.30 0.00	25.96 -0.29 0.00	29.99 -0.26 0.00	28.47 -0.21 0.00	23.16 -0.24 0.00	21.30 -0.25 0.00	22.11 -0.33 0.00	22.53 -0.37 0.00	20.01 -0.28 0.00	19.28 -0.23 0.00	17.54 -0.21 0.00	18.92 -0.21 0.00	21.30 -0.24 0.00	25.05 -0.20 0.00	27.63 -0.19 0.00	21.90 -0.20 0.00	20.14 -0.29 0.00	22.19 -0.36 0.00	22.03 -0.42 0.00	21.91 -0.41 0.00
TALLMAN__138KV_BK151 55660	26.74 0.33 0.00	23.52 0.30 0.00	21.64 0.20 0.00	21.89 0.20 0.00	22.37 0.27 0.00	26.63 0.39 0.00	31.06 0.81 0.00	29.61 0.94 0.00	24.03 0.63 0.00	22.19 0.63 0.00	23.15 0.71 0.00	23.63 0.73 0.00	20.85 0.56 0.00	20.05 0.53 0.00	18.28 0.54 0.00	19.74 0.61 0.00	22.22 0.67 0.00	26.28 1.02 0.00	29.26 1.44 0.00	23.28 1.19 0.00	21.36 0.93 0.00	23.59 1.04 0.00	23.39 0.94 0.00	23.18 0.86 0.00
TEALLAVE_115KV_TB7 355573	26.03 -0.39 0.00	22.76 -0.46 0.00	21.08 -0.37 0.00	21.31 -0.38 0.00	21.68 -0.43 0.00	25.79 -0.45 0.00	29.79 -0.46 0.00	28.28 -0.40 0.00	23.03 -0.38 0.00	21.18 -0.37 0.00	21.99 -0.45 0.00	22.41 -0.49 0.00	19.92 -0.37 0.00	19.20 -0.32 0.00	17.46 -0.29 0.00	18.83 -0.30 0.00	21.19 -0.36 0.00	24.90 -0.36 0.00	27.45 -0.37 0.00	21.75 -0.35 0.00	20.01 -0.42 0.00	22.04 -0.51 0.00	21.88 -0.57 0.00	21.77 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	25.92 -0.49 0.00	22.28 -0.94 0.00	20.78 -0.67 0.00	20.90 -0.79 0.00	21.00 -1.10 0.00	25.02 -1.23 0.00	28.16 -2.08 0.00	26.70 -1.97 0.00	22.09 -1.31 0.00	20.33 -1.23 0.00	20.97 -1.47 0.00	21.41 -1.49 0.00	19.20 -1.09 0.00	18.60 -0.91 0.00	16.77 -0.98 0.00	18.08 -1.06 0.00	20.27 -1.28 0.00	23.53 -1.72 0.00	25.71 -2.11 0.00	20.21 -1.88 0.00	18.64 -1.79 0.00	20.46 -2.09 0.00	20.34 -2.11 0.00	20.39 -1.93 0.00
TEMPLE___115KV_TB 2 55572	26.04 -0.38 0.00	22.77 -0.44 0.00	21.09 -0.36 0.00	21.31 -0.37 0.00	21.68 -0.42 0.00	25.80 -0.44 0.00	29.80 -0.45 0.00	28.29 -0.38 0.00	23.04 -0.36 0.00	21.20 -0.36 0.00	22.00 -0.44 0.00	22.43 -0.46 0.00	19.93 -0.36 0.00	19.21 -0.30 0.00	17.47 -0.27 0.00	18.84 -0.29 0.00	21.21 -0.34 0.00	24.91 -0.34 0.00	27.47 -0.35 0.00	21.76 -0.33 0.00	20.02 -0.41 0.00	22.06 -0.49 0.00	21.90 -0.55 0.00	21.79 -0.54 0.00
TIANA____69_KV_BK 1 55817	27.39 0.98 0.00	24.03 0.81 0.00	22.14 0.69 0.00	22.31 0.63 0.00	22.80 0.70 0.00	27.08 0.84 0.00	31.42 1.17 0.00	29.46 0.78 0.00	23.98 0.58 0.00	22.17 0.61 0.00	23.42 0.98 0.00	23.96 1.06 0.00	21.11 0.82 0.00	20.28 0.76 0.00	18.55 0.80 0.00	20.01 0.88 0.00	22.58 1.03 0.00	26.72 1.47 0.00	29.88 2.06 0.00	23.80 1.70 0.00	21.82 1.39 0.00	24.14 1.59 0.00	23.86 1.41 0.00	23.60 1.28 0.00
TILDEN___115KV_TB1 80814	26.17 -0.24 0.00	22.90 -0.31 0.00	21.20 -0.24 0.00	21.44 -0.25 0.00	21.81 -0.30 0.00	25.96 -0.29 0.00	29.99 -0.26 0.00	28.47 -0.21 0.00	23.16 -0.24 0.00	21.30 -0.25 0.00	22.11 -0.33 0.00	22.53 -0.37 0.00	20.01 -0.28 0.00	19.28 -0.23 0.00	17.54 -0.21 0.00	18.92 -0.21 0.00	21.30 -0.24 0.00	25.05 -0.20 0.00	27.63 -0.19 0.00	21.90 -0.20 0.00	20.14 -0.29 0.00	22.19 -0.36 0.00	22.03 -0.42 0.00	21.91 -0.41 0.00
TRIGEN___CC 323695	27.11 0.70 0.00	23.81 0.59 0.00	21.92 0.48 0.00	22.13 0.44 0.00	22.61 0.51 0.00	26.91 0.67 0.00	31.38 1.13 0.00	29.77 1.10 0.00	24.17 0.77 0.00	22.29 0.73 0.00	23.39 0.95 0.00	23.90 1.00 0.00	21.11 0.82 0.00	20.28 0.76 0.00	18.52 0.78 0.00	20.01 0.88 0.00	22.52 0.98 0.00	26.63 1.38 0.00	29.70 1.88 0.00	23.62 1.53 0.00	21.69 1.26 0.00	23.96 1.41 0.00	23.71 1.26 0.00	23.46 1.14 0.00
TRINITY__115KV__ 4 BK 55933	26.77 0.35 0.00	23.59 0.37 0.00	21.74 0.29 0.00	22.00 0.31 0.00	22.49 0.38 0.00	26.75 0.50 0.00	31.07 0.82 0.00	29.54 0.87 0.00	23.82 0.42 0.00	21.81 0.25 0.00	22.73 0.29 0.00	23.22 0.32 0.00	20.55 0.26 0.00	19.79 0.27 0.00	18.02 0.28 0.00	19.44 0.30 0.00	21.96 0.41 0.00	25.86 0.61 0.00	28.75 0.93 0.00	22.80 0.71 0.00	21.08 0.65 0.00	23.24 0.69 0.00	23.11 0.66 0.00	22.93 0.61 0.00
UNION___PROCESSING_DRP 323587	25.82 -0.60 0.00	22.40 -0.82 0.00	20.80 -0.65 0.00	20.98 -0.71 0.00	21.24 -0.87 0.00	25.26 -0.98 0.00	28.84 -1.40 0.00	27.38 -1.30 0.00	22.49 -0.92 0.00	20.72 -0.84 0.00	21.44 -1.00 0.00	21.88 -1.02 0.00	19.53 -0.77 0.00	18.87 -0.65 0.00	17.08 -0.67 0.00	18.42 -0.72 0.00	20.70 -0.85 0.00	24.13 -1.12 0.00	26.48 -1.34 0.00	20.89 -1.20 0.00	19.25 -1.17 0.00	21.16 -1.39 0.00	21.01 -1.44 0.00	20.98 -1.34 0.00
UPPER HUDSON___HYD 24058	27.27 0.85 0.00	23.96 0.75 0.00	22.09 0.64 0.00	22.36 0.67 0.00	22.87 0.77 0.00	27.23 0.98 0.00	31.74 1.49 0.00	30.13 1.45 0.00	24.26 0.85 0.00	22.06 0.50 0.00	22.99 0.55 0.00	23.48 0.58 0.00	20.72 0.43 0.00	19.85 0.34 0.00	18.11 0.37 0.00	19.62 0.49 0.00	22.29 0.74 0.00	26.38 1.13 0.00	29.29 1.47 0.00	23.22 1.12 0.00	21.45 1.02 0.00	23.54 0.99 0.00	23.35 0.90 0.00	23.11 0.78 0.00
UPPER RAQUET___HYD 24056	27.13 0.71 0.00	23.95 0.73 0.00	22.16 0.71 0.00	22.43 0.74 0.00	22.75 0.65 0.00	26.79 0.54 0.00	30.68 0.44 0.00	28.91 0.23 0.00	23.64 0.23 0.00	21.86 0.30 0.00	22.87 0.44 0.00	23.35 0.45 0.00	20.59 0.30 0.00	19.60 0.08 0.00	17.67 -0.07 0.00	19.02 -0.11 0.00	21.29 -0.25 0.00	24.82 -0.43 0.00	27.14 -0.68 0.00	21.47 -0.62 0.00	19.87 -0.56 0.00	22.33 -0.22 0.00	22.49 0.04 0.00	22.24 -0.08 0.00
VALLEY44_115KV_TB2 355964	26.83 0.42 0.00	23.06 -0.16 0.00	21.53 0.08 0.00	21.69 0.00 0.00	21.78 -0.32 0.00	25.78 -0.46 0.00	29.27 -0.98 0.00	27.91 -0.76 0.00	23.07 -0.33 0.00	21.41 -0.15 0.00	22.20 -0.24 0.00	22.87 -0.03 0.00	20.42 0.13 0.00	19.75 0.23 0.00	17.83 0.09 0.00	19.24 0.11 0.00	21.33 -0.22 0.00	24.70 -0.55 0.00	26.98 -0.84 0.00	21.29 -0.81 0.00	19.48 -0.95 0.00	21.54 -1.01 0.00	21.58 -0.87 0.00	21.63 -0.69 0.00
VALLEY___115KV_TB 1-4 80826	26.09 -0.33 0.00	22.88 -0.34 0.00	21.07 -0.37 0.00	21.38 -0.31 0.00	21.92 -0.18 0.00	26.12 -0.13 0.00	30.47 0.23 0.00	28.95 0.28 0.00	23.29 -0.11 0.00	21.25 -0.31 0.00	22.12 -0.32 0.00	22.55 -0.35 0.00	19.94 -0.35 0.00	19.15 -0.37 0.00	17.46 -0.28 0.00	18.82 -0.31 0.00	21.34 -0.21 0.00	25.14 -0.11 0.00	27.87 0.05 0.00	22.02 -0.08 0.00	20.33 -0.09 0.00	22.44 -0.11 0.00	22.26 -0.19 0.00	22.09 -0.23 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.82 0.41 0.00	23.57 0.35 0.00	21.77 0.32 0.00	22.03 0.34 0.00	22.47 0.36 0.00	26.74 0.50 0.00	31.00 0.75 0.00	29.42 0.74 0.00	23.91 0.51 0.00	22.02 0.46 0.00	22.89 0.45 0.00	23.34 0.44 0.00	20.64 0.35 0.00	19.91 0.39 0.00	18.12 0.38 0.00	19.63 0.50 0.00	22.16 0.61 0.00	26.11 0.85 0.00	28.83 1.01 0.00	22.88 0.79 0.00	21.08 0.65 0.00	23.25 0.70 0.00	23.10 0.65 0.00	22.96 0.64 0.00
VISCHER___FERRY HYD 24020	26.69 0.27 0.00	23.52 0.31 0.00	21.67 0.23 0.00	21.94 0.25 0.00	22.43 0.33 0.00	26.69 0.44 0.00	31.03 0.79 0.00	29.49 0.82 0.00	23.73 0.33 0.00	21.66 0.10 0.00	22.59 0.15 0.00	23.09 0.19 0.00	20.42 0.12 0.00	19.66 0.14 0.00	17.90 0.16 0.00	19.31 0.18 0.00	21.89 0.34 0.00	25.79 0.54 0.00	28.68 0.86 0.00	22.75 0.65 0.00	21.05 0.62 0.00	23.19 0.64 0.00	23.05 0.60 0.00	22.88 0.56 0.00
V_A_10_SYNC_DSASP 323832	3.61 -1.12 21.68	12.60 -1.32 9.30	9.25 -1.11 11.09	11.69 -1.19 8.81	16.55 -1.40 4.15	17.51 -1.68 7.05	25.05 -2.45 2.75	25.18 -2.31 1.19	20.46 -1.59 1.35	19.74 -1.43 0.39	20.85 -1.59 0.00	21.31 -1.59 0.00	19.05 -1.23 0.00	18.48 -1.04 0.00	16.69 -1.05 0.00	17.98 -1.15 0.00	20.09 -1.46 0.00	23.30 -1.96 0.00	25.48 -2.34 0.00	20.07 -2.03 0.00	18.50 -1.92 0.00	20.34 -2.21 0.00	20.24 -2.22 0.00	20.28 -2.04 0.00
V_CMM_10_SYNC_DSASP 323787	26.85 0.43 0.00	23.66 0.44 0.00	21.86 0.41 0.00	22.10 0.41 0.00	22.48 0.38 0.00	26.56 0.32 0.00	30.38 0.13 0.00	28.67 -0.01 0.00	23.61 0.21 0.00	21.84 0.29 0.00	22.79 0.35 0.00	23.27 0.38 0.00	20.62 0.32 0.00	19.76 0.25 0.00	17.90 0.16 0.00	19.29 0.16 0.00	21.65 0.11 0.00	25.19 -0.06 0.00	27.49 -0.33 0.00	21.82 -0.27 0.00	20.28 -0.15 0.00	22.50 -0.05 0.00	22.55 0.09 0.00	22.45 0.13 0.00
V_CMP_10_SYNC_DSASP 323788	27.67 1.25 0.00	24.48 1.27 0.00	22.66 1.22 0.00	22.94 1.26 0.00	23.33 1.23 0.00	27.46 1.22 0.00	31.43 1.18 0.00	29.48 0.81 0.00	24.24 0.84 0.00	22.39 0.83 0.00	23.21 0.77 0.00	23.58 0.68 0.00	20.84 0.55 0.00	19.99 0.48 0.00	18.11 0.37 0.00	19.47 0.34 0.00	21.94 0.40 0.00	25.58 0.33 0.00	27.65 -0.17 0.00	21.81 -0.28 0.00	20.10 -0.33 0.00	22.42 -0.13 0.00	22.85 0.40 0.00	23.06 0.74 0.00
V_D_10_SYNC_DSASP 323841	27.13 0.71 0.00	23.91 0.69 0.00	22.09 0.64 0.00	22.34 0.65 0.00	22.71 0.60 0.00	26.76 0.51 0.00	30.62 0.37 0.00	28.87 0.20 0.00	23.75 0.35 0.00	21.98 0.41 0.00	22.99 0.55 0.00	23.47 0.57 0.00	20.78 0.49 0.00	19.90 0.39 0.00	18.02 0.28 0.00	19.41 0.28 0.00	21.72 0.17 0.00	25.29 0.03 0.00	27.60 -0.22 0.00	21.90 -0.20 0.00	20.33 -0.10 0.00	22.60 0.05 0.00	22.72 0.27 0.00	22.61 0.28 0.00
V_E_10_SYNC_DSASP 323830	34.89 1.74 -6.73	27.67 1.57 -2.89	26.42 1.53 -3.44	26.07 1.65 -2.74	25.05 1.65 -1.29	30.63 2.20 -2.19	34.01 2.91 -0.85	31.55 2.59 -0.29	25.42 1.61 -0.41	22.91 1.23 -0.12	23.47 1.03 0.00	23.91 1.01 0.00	21.14 0.84 0.00	20.32 0.80 0.00	18.41 0.66 0.00	19.92 0.78 0.00	22.64 1.09 0.00	27.07 1.82 0.00	29.60 1.79 0.00	23.30 1.21 0.00	21.32 0.89 0.00	23.28 0.73 0.00	23.11 0.66 0.00	23.12 0.79 0.00
V_F_30_NSYNC___DSASP 323816	27.11 0.70 0.00	23.85 0.64 0.00	21.99 0.55 0.00	22.26 0.57 0.00	22.76 0.65 0.00	27.09 0.85 0.00	31.51 1.27 0.00	29.90 1.22 0.00	24.06 0.65 0.00	21.94 0.38 0.00	22.86 0.42 0.00	23.35 0.45 0.00	20.65 0.36 0.00	19.85 0.33 0.00	18.09 0.35 0.00	19.55 0.42 0.00	22.20 0.66 0.00	26.23 0.97 0.00	29.12 1.30 0.00	23.08 0.99 0.00	21.34 0.91 0.00	23.47 0.93 0.00	23.32 0.86 0.00	23.12 0.80 0.00
V_F_30_SYNC_DSASP 323786	26.90 0.48 0.00	23.70 0.48 0.00	21.85 0.40 0.00	22.10 0.42 0.00	22.59 0.49 0.00	26.88 0.63 0.00	31.24 1.00 0.00	29.69 1.02 0.00	23.95 0.54 0.00	21.92 0.36 0.00	22.84 0.40 0.00	23.34 0.44 0.00	20.67 0.37 0.00	19.89 0.37 0.00	18.11 0.37 0.00	19.54 0.41 0.00	22.08 0.54 0.00	26.01 0.76 0.00	28.91 1.09 0.00	22.93 0.83 0.00	21.19 0.76 0.00	23.35 0.80 0.00	23.21 0.76 0.00	23.04 0.72 0.00
V_XM_10_SYNC_DSASP 323789	27.67 1.25 0.00	24.48 1.27 0.00	22.66 1.22 0.00	22.94 1.26 0.00	23.33 1.23 0.00	27.46 1.22 0.00	31.43 1.18 0.00	29.48 0.81 0.00	24.24 0.84 0.00	22.39 0.83 0.00	23.21 0.77 0.00	23.58 0.68 0.00	20.84 0.55 0.00	19.99 0.48 0.00	18.11 0.37 0.00	19.47 0.34 0.00	21.94 0.40 0.00	25.58 0.33 0.00	27.65 -0.17 0.00	21.81 -0.28 0.00	20.10 -0.33 0.00	22.42 -0.13 0.00	22.85 0.40 0.00	23.06 0.74 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.82 0.41 0.00	23.59 0.37 0.00	21.71 0.26 0.00	21.96 0.27 0.00	22.44 0.34 0.00	26.71 0.47 0.00	31.16 0.91 0.00	29.70 1.03 0.00	24.10 0.70 0.00	22.25 0.69 0.00	23.21 0.77 0.00	23.68 0.78 0.00	20.90 0.61 0.00	20.11 0.59 0.00	18.33 0.59 0.00	19.80 0.67 0.00	22.30 0.75 0.00	26.36 1.11 0.00	29.35 1.53 0.00	23.35 1.25 0.00	21.44 1.01 0.00	23.66 1.12 0.00	23.45 1.00 0.00	23.24 0.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.77 0.36 0.00	23.55 0.33 0.00	21.69 0.24 0.00	21.92 0.23 0.00	22.41 0.30 0.00	26.68 0.44 0.00	31.17 0.93 0.00	29.74 1.06 0.00	24.18 0.78 0.00	22.31 0.75 0.00	23.28 0.84 0.00	23.76 0.86 0.00	20.98 0.70 0.00	20.17 0.65 0.00	18.41 0.67 0.00	19.87 0.74 0.00	22.34 0.80 0.00	26.42 1.17 0.00	29.41 1.59 0.00	23.41 1.31 0.00	21.50 1.07 0.00	23.71 1.16 0.00	23.48 1.03 0.00	23.24 0.92 0.00
W50THST__13_KV_LOAD 356117	26.95 0.53 0.00	23.70 0.48 0.00	21.82 0.38 0.00	22.05 0.36 0.00	22.54 0.44 0.00	26.86 0.62 0.00	31.39 1.15 0.00	29.96 1.28 0.00	24.37 0.97 0.00	22.49 0.93 0.00	23.47 1.03 0.00	23.95 1.05 0.00	21.15 0.86 0.00	20.34 0.82 0.00	18.57 0.83 0.00	20.04 0.91 0.00	22.53 0.98 0.00	26.63 1.37 0.00	29.63 1.81 0.00	23.57 1.48 0.00	21.64 1.22 0.00	23.86 1.31 0.00	23.63 1.18 0.00	23.37 1.05 0.00
WADING RIVER_IC_1 23522	27.25 0.84 0.00	23.90 0.68 0.00	22.02 0.58 0.00	22.19 0.50 0.00	22.67 0.57 0.00	26.90 0.66 0.00	31.17 0.92 0.00	29.19 0.52 0.00	23.80 0.39 0.00	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.68 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.52 1.26 0.00	29.59 1.77 0.00	23.56 1.46 0.00	21.60 1.17 0.00	23.90 1.35 0.00	23.62 1.17 0.00	23.37 1.05 0.00
WADING RIVER_IC_2 23547	27.25 0.84 0.00	23.90 0.68 0.00	22.02 0.58 0.00	22.19 0.50 0.00	22.67 0.57 0.00	26.90 0.66 0.00	31.17 0.92 0.00	29.19 0.52 0.00	23.80 0.39 0.00	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.68 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.52 1.26 0.00	29.59 1.77 0.00	23.56 1.46 0.00	21.60 1.17 0.00	23.90 1.35 0.00	23.62 1.17 0.00	23.37 1.05 0.00



WADING RIVER_IC_3 23601	27.25 0.84 0.00	23.90 0.68 0.00	22.02 0.58 0.00	22.19 0.50 0.00	22.67 0.57 0.00	26.90 0.66 0.00	31.17 0.92 0.00	29.19 0.52 0.00	23.80 0.39 0.00	22.06 0.50 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.04 0.75 0.00	20.20 0.68 0.00	18.48 0.73 0.00	19.90 0.77 0.00	22.44 0.90 0.00	26.52 1.26 0.00	29.59 1.77 0.00	23.56 1.46 0.00	21.60 1.17 0.00	23.90 1.35 0.00	23.62 1.17 0.00	23.37 1.05 0.00
WALDENNY_I2_KV_BK2 80841	26.08 -0.34 0.00	22.39 -0.82 0.00	20.86 -0.59 0.00	20.98 -0.71 0.00	21.08 -1.02 0.00	25.09 -1.15 0.00	28.27 -1.98 0.00	26.89 -1.79 0.00	22.31 -1.09 0.00	20.58 -0.98 0.00	21.30 -1.14 0.00	21.79 -1.12 0.00	19.51 -0.78 0.00	18.92 -0.60 0.00	17.08 -0.67 0.00	18.40 -0.74 0.00	20.53 -1.01 0.00	23.77 -1.48 0.00	25.93 -1.89 0.00	20.37 -1.72 0.00	18.74 -1.69 0.00	20.58 -1.97 0.00	20.47 -1.98 0.00	20.52 -1.81 0.00
WALDEN___HYDRO 24148	26.92 0.50 0.00	23.67 0.45 0.00	21.80 0.35 0.00	22.04 0.36 0.00	22.53 0.42 0.00	26.83 0.59 0.00	31.29 1.04 0.00	29.79 1.12 0.00	24.09 0.69 0.00	22.11 0.55 0.00	23.05 0.61 0.00	23.49 0.59 0.00	20.74 0.45 0.00	19.94 0.43 0.00	18.18 0.43 0.00	19.64 0.50 0.00	22.17 0.62 0.00	26.32 1.06 0.00	29.33 1.51 0.00	23.33 1.23 0.00	21.45 1.02 0.00	23.66 1.11 0.00	23.46 1.01 0.00	23.24 0.92 0.00
WARRENSBURG____ 23737	27.27 0.85 0.00	23.96 0.75 0.00	22.09 0.64 0.00	22.36 0.67 0.00	22.87 0.77 0.00	27.23 0.98 0.00	31.74 1.49 0.00	30.13 1.45 0.00	24.26 0.85 0.00	22.06 0.50 0.00	22.99 0.55 0.00	23.48 0.58 0.00	20.72 0.43 0.00	19.85 0.34 0.00	18.11 0.37 0.00	19.62 0.49 0.00	22.29 0.74 0.00	26.38 1.13 0.00	29.29 1.47 0.00	23.22 1.12 0.00	21.45 1.02 0.00	23.54 0.99 0.00	23.35 0.90 0.00	23.11 0.78 0.00
WATERSIDE___6 8 9 23538	26.71 0.29 0.00	23.50 0.29 0.00	21.64 0.19 0.00	21.87 0.18 0.00	22.35 0.24 0.00	26.62 0.38 0.00	31.13 0.89 0.00	29.68 1.01 0.00	24.14 0.74 0.00	22.28 0.72 0.00	23.24 0.80 0.00	23.72 0.82 0.00	20.95 0.66 0.00	20.15 0.63 0.00	18.39 0.65 0.00	19.83 0.70 0.00	22.31 0.76 0.00	26.38 1.13 0.00	29.36 1.54 0.00	23.37 1.28 0.00	21.47 1.04 0.00	23.68 1.13 0.00	23.45 1.00 0.00	23.21 0.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.22 -0.20 0.00	23.04 -0.18 0.00	21.25 -0.20 0.00	21.52 -0.17 0.00	22.00 -0.10 0.00	26.21 -0.04 0.00	30.46 0.21 0.00	28.93 0.26 0.00	23.35 -0.06 0.00	21.36 -0.20 0.00	22.23 -0.22 0.00	22.67 -0.23 0.00	20.06 -0.23 0.00	19.28 -0.23 0.00	17.57 -0.17 0.00	18.95 -0.18 0.00	21.46 -0.09 0.00	25.28 0.03 0.00	28.04 0.22 0.00	22.23 0.14 0.00	20.52 0.09 0.00	22.63 0.08 0.00	22.46 0.01 0.00	22.30 -0.02 0.00
WATSON___69_KV_BK 1 55734	27.54 1.13 0.00	24.14 0.93 0.00	22.23 0.79 0.00	22.42 0.73 0.00	22.90 0.80 0.00	27.25 1.01 0.00	31.70 1.46 0.00	29.88 1.21 0.00	24.31 0.90 0.00	22.41 0.85 0.00	23.59 1.15 0.00	24.12 1.22 0.00	21.29 1.00 0.00	20.44 0.93 0.00	18.69 0.95 0.00	20.20 1.07 0.00	22.78 1.24 0.00	26.97 1.72 0.00	30.12 2.30 0.00	23.98 1.89 0.00	21.98 1.55 0.00	24.31 1.76 0.00	24.02 1.57 0.00	23.76 1.44 0.00
WDELAWARE___HYD 323627	27.76 1.35 0.00	24.41 1.19 0.00	22.56 1.11 0.00	22.85 1.16 0.00	23.21 1.11 0.00	27.63 1.39 0.00	32.15 1.90 0.00	30.54 1.87 0.00	24.59 1.19 0.00	22.17 0.61 0.00	22.90 0.47 0.00	23.59 0.69 0.00	21.13 0.84 0.00	20.38 0.86 0.00	18.41 0.67 0.00	19.88 0.75 0.00	22.48 0.93 0.00	26.73 1.47 0.00	29.76 1.94 0.00	23.59 1.49 0.00	21.74 1.31 0.00	23.91 1.36 0.00	23.76 1.31 0.00	23.55 1.22 0.00
WEST BABYLON___IC 23714	27.49 1.08 0.00	24.10 0.89 0.00	22.19 0.74 0.00	22.39 0.70 0.00	22.87 0.76 0.00	27.22 0.98 0.00	31.68 1.43 0.00	29.92 1.25 0.00	24.32 0.92 0.00	22.42 0.85 0.00	23.57 1.13 0.00	24.09 1.19 0.00	21.27 0.98 0.00	20.42 0.91 0.00	18.67 0.93 0.00	20.19 1.05 0.00	22.75 1.21 0.00	26.94 1.69 0.00	30.09 2.27 0.00	23.94 1.85 0.00	21.96 1.53 0.00	24.28 1.73 0.00	23.99 1.55 0.00	23.73 1.41 0.00
WEST CANADA___HYD 24049	26.35 -0.07 0.00	23.17 -0.05 0.00	21.40 -0.05 0.00	21.65 -0.04 0.00	22.08 -0.02 0.00	26.25 0.00 0.00	30.34 0.10 0.00	28.79 0.11 0.00	23.41 0.01 0.00	21.53 -0.03 0.00	22.41 -0.03 0.00	22.87 -0.02 0.00	20.25 -0.04 0.00	19.49 -0.03 0.00	17.73 -0.02 0.00	19.12 -0.01 0.00	21.56 0.01 0.00	25.33 0.08 0.00	27.98 0.16 0.00	22.20 0.11 0.00	20.51 0.08 0.00	22.62 0.07 0.00	22.49 0.03 0.00	22.34 0.02 0.00
WESTERN_NY_WIND 24143	26.26 -0.15 0.00	22.60 -0.62 0.00	21.06 -0.38 0.00	21.19 -0.50 0.00	21.32 -0.78 0.00	25.44 -0.81 0.00	28.75 -1.49 0.00	27.28 -1.40 0.00	22.47 -0.93 0.00	20.65 -0.91 0.00	21.24 -1.20 0.00	21.68 -1.22 0.00	19.46 -0.83 0.00	18.80 -0.71 0.00	16.93 -0.81 0.00	18.26 -0.87 0.00	20.58 -0.97 0.00	23.99 -1.27 0.00	26.23 -1.59 0.00	20.64 -1.45 0.00	19.02 -1.41 0.00	20.87 -1.68 0.00	20.73 -1.72 0.00	20.75 -1.57 0.00
WESTOVER___LESR 323668	26.50 0.08 0.00	23.21 0.00 0.00	21.47 0.02 0.00	21.71 0.02 0.00	22.08 -0.03 0.00	26.28 0.03 0.00	30.37 0.12 0.00	28.64 -0.03 0.00	23.46 0.06 0.00	21.65 0.09 0.00	22.45 0.01 0.00	22.80 -0.10 0.00	20.13 -0.16 0.00	19.39 -0.13 0.00	17.64 -0.10 0.00	19.04 -0.09 0.00	21.40 -0.15 0.00	25.18 -0.07 0.00	27.74 -0.08 0.00	22.02 -0.08 0.00	20.18 -0.25 0.00	22.28 -0.27 0.00	22.13 -0.32 0.00	22.03 -0.29 0.00
WETHRSFD_WT_PWR 323626	-3.81 -0.86 29.36	9.41 -1.22 12.58	5.34 -1.10 15.01	8.50 -1.27 11.92	14.94 -1.53 5.62	14.92 -1.77 9.54	23.84 -2.69 3.72	24.65 -2.41 1.61	20.03 -1.54 1.83	19.68 -1.35 0.53	20.93 -1.51 0.00	21.45 -1.45 0.00	19.17 -1.12 0.00	18.61 -0.91 0.00	16.79 -0.95 0.00	18.10 -1.03 0.00	20.18 -1.37 0.00	23.36 -1.89 0.00	25.41 -2.41 0.00	19.87 -2.22 0.00	18.20 -2.23 0.00	20.00 -2.55 0.00	19.90 -2.55 0.00	19.94 -2.38 0.00
WHAVSTOR_138KV_BK127 55557	26.72 0.31 0.00	23.50 0.29 0.00	21.63 0.19 0.00	21.87 0.18 0.00	22.36 0.26 0.00	26.61 0.37 0.00	31.04 0.79 0.00	29.58 0.91 0.00	24.01 0.61 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.59 0.69 0.00	20.82 0.53 0.00	20.02 0.50 0.00	18.25 0.51 0.00	19.72 0.58 0.00	22.19 0.65 0.00	26.24 0.99 0.00	29.22 1.40 0.00	23.24 1.15 0.00	21.34 0.92 0.00	23.56 1.01 0.00	23.36 0.92 0.00	23.15 0.83 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.72 0.31 0.00	23.50 0.29 0.00	21.63 0.19 0.00	21.87 0.18 0.00	22.36 0.26 0.00	26.61 0.37 0.00	31.04 0.79 0.00	29.58 0.91 0.00	24.01 0.61 0.00	22.16 0.60 0.00	23.12 0.68 0.00	23.59 0.69 0.00	20.82 0.53 0.00	20.02 0.50 0.00	18.25 0.51 0.00	19.72 0.58 0.00	22.19 0.65 0.00	26.24 0.99 0.00	29.22 1.40 0.00	23.24 1.15 0.00	21.34 0.92 0.00	23.56 1.01 0.00	23.36 0.92 0.00	23.15 0.83 0.00

WHITEHAL_115KV_TB1 80871	28.03 1.62 0.00	24.61 1.40 0.00	22.69 1.25 0.00	23.02 1.33 0.00	23.53 1.43 0.00	27.89 1.64 0.00	32.64 2.39 0.00	31.00 2.32 0.00	24.55 1.15 0.00	22.13 0.57 0.00	23.03 0.59 0.00	23.55 0.65 0.00	20.80 0.51 0.00	20.14 0.62 0.00	18.46 0.71 0.00	20.10 0.96 0.00	22.87 1.32 0.00	27.19 1.94 0.00	30.12 2.30 0.00	23.80 1.70 0.00	22.00 1.57 0.00	23.94 1.39 0.00	23.69 1.24 0.00	23.35 1.03 0.00
WHITEPLN_13_KV_LOAD 356215	27.02 0.61 0.00	23.75 0.53 0.00	21.86 0.42 0.00	22.09 0.41 0.00	22.58 0.48 0.00	26.90 0.66 0.00	31.41 1.17 0.00	29.95 1.28 0.00	24.31 0.91 0.00	22.41 0.85 0.00	23.37 0.93 0.00	23.86 0.96 0.00	21.07 0.78 0.00	20.26 0.74 0.00	18.48 0.74 0.00	19.96 0.83 0.00	22.48 0.93 0.00	26.58 1.33 0.00	29.60 1.78 0.00	23.54 1.44 0.00	21.62 1.19 0.00	23.85 1.30 0.00	23.63 1.17 0.00	23.39 1.07 0.00
WM_FLOYD_69_KV_BK2 356380	27.32 0.91 0.00	23.96 0.74 0.00	22.08 0.64 0.00	22.25 0.57 0.00	22.73 0.63 0.00	27.01 0.76 0.00	31.34 1.09 0.00	29.44 0.76 0.00	23.95 0.55 0.00	22.14 0.58 0.00	23.34 0.90 0.00	23.89 0.99 0.00	21.06 0.77 0.00	20.24 0.72 0.00	18.51 0.77 0.00	19.97 0.84 0.00	22.53 0.99 0.00	26.66 1.41 0.00	29.78 1.96 0.00	23.70 1.61 0.00	21.73 1.31 0.00	24.04 1.49 0.00	23.76 1.31 0.00	23.51 1.19 0.00
WOODARD__115KV_TB2 355635	25.98 -0.43 0.00	22.73 -0.49 0.00	21.04 -0.40 0.00	21.27 -0.42 0.00	21.65 -0.46 0.00	25.75 -0.49 0.00	29.74 -0.51 0.00	28.23 -0.45 0.00	22.99 -0.42 0.00	21.15 -0.41 0.00	21.95 -0.49 0.00	22.38 -0.52 0.00	19.88 -0.41 0.00	19.17 -0.35 0.00	17.43 -0.31 0.00	18.80 -0.33 0.00	21.15 -0.39 0.00	24.85 -0.40 0.00	27.40 -0.42 0.00	21.71 -0.38 0.00	19.98 -0.45 0.00	22.01 -0.54 0.00	21.86 -0.59 0.00	21.75 -0.57 0.00
YORK__WARBASSE 23770	26.88 0.47 0.00	23.64 0.42 0.00	21.70 0.25 0.00	21.92 0.24 0.00	22.41 0.31 0.00	26.70 0.46 0.00	31.23 0.98 0.00	29.80 1.13 0.00	24.24 0.84 0.00	22.37 0.81 0.00	23.34 0.90 0.00	23.82 0.92 0.00	21.03 0.74 0.00	20.22 0.71 0.00	18.45 0.71 0.00	19.90 0.77 0.00	22.41 0.86 0.00	26.49 1.24 0.00	29.47 1.65 0.00	23.48 1.39 0.00	21.56 1.13 0.00	23.78 1.23 0.00	23.56 1.11 0.00	23.31 0.99 0.00