

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/15/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.34	19.99	16.46	15.14	15.42	17.91	21.06	23.66	25.12	24.80	23.60	26.73	30.15	33.48	28.52	27.16	31.00	35.99	24.93	24.82	34.13	25.12	22.94	22.01
24138	1.28	1.18	0.89	0.77	0.79	0.98	1.19	1.33	1.55	1.72	1.75	2.06	2.34	2.64	2.35	2.27	2.62	3.02	2.06	1.91	2.49	1.84	1.61	1.51
	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	22.37	20.03	16.49	15.16	15.40	17.88	21.06	23.66	25.11	24.73	23.55	26.66	30.07	33.41	28.46	27.09	30.92	35.90	24.87	24.79	34.09	25.14	23.00	22.06
24260	1.32	1.22	0.92	0.79	0.77	0.95	1.18	1.32	1.54	1.65	1.70	2.00	2.25	2.57	2.29	2.20	2.54	2.93	1.99	1.88	2.47	1.86	1.67	1.57
	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	22.37	20.03	16.49	15.16	15.40	17.88	21.06	23.66	25.11	24.73	23.55	26.66	30.07	33.41	28.46	27.09	30.92	35.90	24.87	24.79	34.09	25.14	23.00	22.06
24261	1.32	1.22	0.92	0.79	0.77	0.95	1.18	1.32	1.54	1.65	1.70	2.00	2.25	2.57	2.29	2.20	2.54	2.93	1.99	1.88	2.47	1.86	1.67	1.57
	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	22.66	20.27	16.70	15.40	15.70	18.19	21.44	24.02	25.35	24.80	23.53	26.57	29.95	33.40	28.14	26.62	30.75	35.84	24.91	25.11	34.57	25.52	23.37	22.36
24011	1.60	1.46	1.13	1.04	1.07	1.26	1.57	1.68	1.77	1.72	1.68	1.90	2.13	2.56	1.97	1.73	2.37	2.87	2.04	2.20	2.94	2.24	2.04	1.86
	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	22.76	20.39	16.78	15.50	15.79	18.31	21.59	24.18	25.52	24.97	23.69	26.74	30.15	33.72	28.38	26.84	31.10	36.19	25.17	25.37	34.90	25.75	23.59	22.59
23798	1.70	1.58	1.22	1.13	1.16	1.38	1.71	1.84	1.95	1.89	1.83	2.07	2.34	2.87	2.21	1.95	2.72	3.21	2.30	2.45	3.27	2.47	2.26	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.66	20.27	16.70	15.40	15.70	18.19	21.44	24.02	25.35	24.80</														

ALBANY___4 23574	21.39 0.33 0.00	19.13 0.32 0.00	15.79 0.23 0.00	14.61 0.24 0.00	14.86 0.23 0.00	17.13 0.20 0.00	20.10 0.22 0.00	22.48 0.14 0.00	23.73 0.16 0.00	23.27 0.18 0.00	22.12 0.26 0.00	24.96 0.30 0.00	28.10 0.28 0.00	31.27 0.43 0.00	26.53 0.36 0.00	25.13 0.24 0.00	28.77 0.39 0.00	33.46 0.49 0.00	23.28 0.41 0.00	23.39 0.48 0.00	32.25 0.62 0.00	23.75 0.47 0.00	21.81 0.48 0.00	20.90 0.40 0.00
ALBANY___LFGE 323615	21.59 0.53 0.00	19.30 0.49 0.00	15.93 0.37 0.00	14.74 0.37 0.00	14.99 0.36 0.00	17.29 0.36 0.00	20.29 0.42 0.00	22.70 0.36 0.00	23.97 0.40 0.00	23.51 0.42 0.00	22.36 0.50 0.00	25.23 0.56 0.00	28.41 0.59 0.00	31.60 0.76 0.00	26.82 0.65 0.00	25.41 0.52 0.00	29.11 0.73 0.00	33.85 0.88 0.00	23.55 0.67 0.00	23.66 0.75 0.00	32.60 0.97 0.00	24.00 0.73 0.00	22.04 0.71 0.00	21.10 0.61 0.00
ALCOA_PA_115KV_PL-6C 55860	21.10 0.04 0.00	18.83 0.02 0.00	15.70 0.14 0.00	14.53 0.15 0.00	14.80 0.17 0.00	17.10 0.18 0.00	20.10 0.22 0.00	22.50 0.16 0.00	23.64 0.07 0.00	23.08 0.00 0.00	21.77 -0.08 0.00	24.55 -0.12 0.00	27.72 -0.09 0.00	30.72 -0.13 0.00	25.98 -0.19 0.00	24.71 -0.18 0.00	28.21 -0.17 0.00	32.74 -0.23 0.00	22.56 -0.31 0.00	22.58 -0.32 0.00	31.11 -0.52 0.00	22.88 -0.40 0.00	20.98 -0.35 0.00	20.17 -0.33 0.00
ALCOA_RYNLDS___DRP 24188	21.10 0.04 0.00	18.83 0.02 0.00	15.70 0.14 0.00	14.53 0.15 0.00	14.80 0.17 0.00	17.10 0.18 0.00	20.10 0.22 0.00	22.50 0.16 0.00	23.64 0.07 0.00	23.08 0.00 0.00	21.77 -0.08 0.00	24.55 -0.12 0.00	27.72 -0.09 0.00	30.72 -0.13 0.00	25.98 -0.19 0.00	24.71 -0.18 0.00	28.21 -0.17 0.00	32.74 -0.23 0.00	22.56 -0.31 0.00	22.58 -0.32 0.00	31.11 -0.52 0.00	22.88 -0.40 0.00	20.98 -0.35 0.00	20.17 -0.33 0.00
ALCOA___DSASP 323711	21.10 0.04 0.00	18.83 0.03 0.00	15.70 0.14 0.00	14.53 0.15 0.00	14.80 0.17 0.00	17.10 0.18 0.00	20.10 0.22 0.00	22.50 0.16 0.00	23.64 0.07 0.00	23.08 0.00 0.00	21.77 -0.08 0.00	24.55 -0.12 0.00	27.72 -0.09 0.00	30.72 -0.13 0.00	25.97 -0.19 0.00	24.71 -0.18 0.00	28.21 -0.17 0.00	32.74 -0.23 0.00	22.56 -0.31 0.00	22.58 -0.32 0.00	31.11 -0.52 0.00	22.87 -0.40 0.00	20.98 -0.35 0.00	20.17 -0.33 0.00
ALLEGHENY___COGEN 23514	21.84 0.78 0.00	19.34 0.53 0.00	15.75 0.19 0.00	14.57 0.19 0.00	14.85 0.22 0.00	17.34 0.41 0.00	20.40 0.53 0.00	23.18 0.84 0.00	24.06 0.50 0.01	23.49 0.45 0.03	22.06 0.21 0.00	23.53 0.29 1.43	25.96 0.22 2.08	28.31 0.10 2.63	25.14 0.37 1.39	24.25 0.50 1.15	27.26 0.44 1.56	27.25 0.88 6.61	22.88 0.75 0.74	22.70 0.63 0.84	27.99 1.24 4.88	23.28 1.01 1.00	21.14 0.88 1.07	21.11 0.96 0.35
ALTAMONT_115KV_TB 2 55880	21.68 0.62 0.00	19.39 0.57 0.00	16.00 0.43 0.00	14.76 0.39 0.00	15.02 0.39 0.00	17.36 0.44 0.00	20.38 0.51 0.00	22.84 0.50 0.00	24.10 0.53 0.00	23.62 0.54 0.00	22.44 0.58 0.00	25.34 0.67 0.00	28.53 0.71 0.00	31.70 0.85 0.00	26.89 0.72 0.00	25.50 0.61 0.00	29.16 0.78 0.00	33.92 0.95 0.00	23.59 0.72 0.00	23.69 0.77 0.00	32.66 1.03 0.00	24.07 0.79 0.00	22.08 0.74 0.00	21.17 0.67 0.00
ALTONA_WT_PWR 323606	21.73 0.67 0.00	19.44 0.63 0.00	16.15 0.59 0.00	14.94 0.57 0.00	15.19 0.57 0.00	17.53 0.60 0.00	20.57 0.70 0.00	22.98 0.64 0.00	24.06 0.49 0.00	23.44 0.36 0.00	22.08 0.22 0.00	24.99 0.32 0.00	28.11 0.30 0.00	31.34 0.50 0.00	26.33 0.16 0.00	24.46 -0.43 0.00	28.85 0.47 0.00	33.88 0.91 0.00	23.43 0.56 0.00	23.41 0.50 0.00	32.05 0.42 0.00	23.45 0.17 0.00	21.46 0.13 0.00	20.39 -0.10 0.00
AMERICAN_REF_FUEL 24010	20.56 -0.49 0.00	18.22 -0.59 0.00	14.78 -0.78 0.00	13.65 -0.72 0.00	13.94 -0.69 0.00	16.23 -0.70 0.00	18.91 -0.97 0.00	21.56 -0.78 0.00	22.79 -0.77 0.02	22.43 -0.61 0.04	21.16 -0.70 0.00	22.29 -0.71 1.67	24.28 -1.11 2.42	26.20 -1.58 3.07	23.37 -1.18 1.63	22.56 -1.00 1.34	25.22 -1.34 1.82	23.47 -1.79 7.71	20.92 -1.09 0.86	20.64 -1.29 0.98	24.29 -1.65 5.69	20.96 -1.15 1.17	19.11 -0.98 1.25	19.51 -0.58 0.41
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.22 0.16 0.00	18.78 -0.03 0.00	15.29 -0.27 0.00	14.21 -0.16 0.00	14.52 -0.11 0.00	16.94 0.02 0.00	19.89 0.02 0.00	22.97 0.64 0.00	24.39 0.83 0.01	23.90 0.85 0.04	22.42 0.57 0.00	24.01 0.84 1.50	26.37 0.74 2.17	28.74 0.64 2.75	25.41 0.70 1.46	24.40 0.71 1.20	27.41 0.66 1.63	26.49 0.43 6.91	22.42 0.32 0.78	22.28 0.25 0.88	27.08 0.55 5.10	22.56 0.33 1.05	20.51 0.30 1.12	20.61 0.48 0.37
ARTHUR_KILL_GT_1 23520	22.24 1.19 0.00	19.93 1.12 0.00	16.39 0.83 0.00	15.10 0.73 0.00	15.50 0.87 0.00	18.00 1.07 0.00	20.94 1.06 0.00	23.43 1.09 0.00	24.81 1.23 0.00	24.41 1.33 0.00	23.28 1.43 0.00	26.36 1.69 0.00	29.70 1.89 0.00	33.01 2.17 0.01	28.15 1.98 0.00	26.78 1.89 0.00	30.58 2.20 0.00	35.65 2.67 0.00	24.72 1.85 0.00	24.63 1.72 0.00	33.91 2.28 0.00	25.03 1.75 0.00	22.90 1.57 0.00	21.97 1.48 0.00
ARTHUR_KILL_2 23512	22.19 1.13 0.00	19.88 1.07 0.00	16.35 0.79 0.00	15.07 0.70 0.00	15.46 0.83 0.00	17.95 1.02 0.00	20.88 1.01 0.00	23.38 1.04 0.00	24.75 1.18 0.00	24.37 1.29 0.00	23.23 1.37 0.00	26.30 1.63 0.00	29.63 1.81 0.00	32.93 2.09 0.01	28.09 1.92 0.00	26.72 1.83 0.00	30.50 2.12 0.00	35.53 2.56 0.00	24.65 1.78 0.00	24.55 1.64 0.00	33.81 2.17 0.00	24.96 1.68 0.00	22.83 1.50 0.00	21.91 1.41 0.00
ARTHUR_KILL_3 23513	22.16 1.09 0.00	19.84 1.03 0.00	16.34 0.77 0.00	15.01 0.64 0.00	15.23 0.60 0.00	17.67 0.74 0.00	20.84 0.96 0.00	23.41 1.08 0.00	24.82 1.25 0.00	24.45 1.37 0.00	23.28 1.43 0.00	26.35 1.68 0.00	29.73 1.92 0.00	33.02 2.18 0.00	28.13 1.96 0.00	26.77 1.88 0.00	30.55 2.17 0.00	35.47 2.50 0.00	24.57 1.70 0.00	24.48 1.57 0.00	33.70 2.07 0.00	24.84 1.57 0.00	22.73 1.40 0.00	21.83 1.33 0.00
ARTHUR_KILL_COGEN 323718	22.24 1.19 0.00	19.93 1.12 0.00	16.39 0.83 0.00	15.10 0.73 0.00	15.50 0.87 0.00	18.00 1.07 0.00	20.94 1.06 0.00	23.43 1.09 0.00	24.81 1.23 0.00	24.41 1.33 0.00	23.28 1.43 0.00	26.36 1.69 0.00	29.70 1.89 0.00	33.01 2.17 0.01	28.15 1.98 0.00	26.78 1.89 0.00	30.58 2.20 0.00	35.65 2.67 0.00	24.72 1.85 0.00	24.63 1.72 0.00	33.91 2.28 0.00	25.03 1.75 0.00	22.90 1.57 0.00	21.97 1.48 0.00
ASHOKAN____ 23654	21.74 0.68 0.00	19.42 0.61 0.00	16.00 0.44 0.00	14.76 0.39 0.00	15.04 0.41 0.00	17.41 0.48 0.00	20.46 0.59 0.00	22.94 0.60 0.00	24.25 0.68 0.00	23.67 0.59 0.00	22.48 0.62 0.00	25.36 0.69 0.00	28.53 0.72 0.00	31.88 1.04 0.00	27.05 0.88 0.00	25.74 0.85 0.00	29.48 1.10 0.00	34.33 1.36 0.00	23.88 1.01 0.00	23.96 1.05 0.00	33.05 1.42 0.00	24.33 1.05 0.00	22.26 0.92 0.00	21.27 0.77 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.14 1.08 0.00	19.87 1.06 0.00	16.36 0.79 0.00	15.02 0.65 0.00	15.28 0.65 0.00	17.75 0.82 0.00	20.83 0.96 0.00	23.42 1.08 0.00	24.82 1.25 0.00	24.44 1.36 0.00	23.35 1.49 0.00	26.39 1.72 0.00	29.74 1.93 0.00	33.12 2.27 0.00	28.18 2.01 0.00	26.83 1.94 0.00	30.57 2.19 0.00	35.50 2.53 0.00	24.58 1.71 0.00	24.50 1.58 0.00	33.73 2.10 0.00	24.91 1.63 0.00	22.82 1.49 0.00	21.90 1.40 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.14 1.08 0.00	19.87 1.06 0.00	16.36 0.79 0.00	15.02 0.65 0.00	15.28 0.65 0.00	17.75 0.82 0.00	20.83 0.96 0.00	23.42 1.08 0.00	24.82 1.25 0.00	24.44 1.36 0.00	23.35 1.49 0.00	26.39 1.72 0.00	29.74 1.93 0.00	33.12 2.27 0.00	28.18 2.01 0.00	26.83 1.94 0.00	30.57 2.19 0.00	35.50 2.53 0.00	24.58 1.71 0.00	24.50 1.58 0.00	33.73 2.10 0.00	24.91 1.63 0.00	22.82 1.49 0.00	21.90 1.40 0.00
ASTORIA_GT2_1 24094	22.15 1.09 0.00	19.87 1.06 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.84 0.96 0.00	23.43 1.09 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.37 1.51 0.00	26.40 1.74 0.00	29.76 1.95 0.00	33.14 2.29 0.00	28.20 2.03 0.00	26.84 1.96 0.00	30.59 2.21 0.00	35.53 2.55 0.00	24.60 1.73 0.00	24.52 1.61 0.00	33.77 2.13 0.00	24.92 1.65 0.00	22.84 1.51 0.00	21.91 1.42 0.00
ASTORIA_GT2_2 24095	22.15 1.09 0.00	19.87 1.06 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.84 0.96 0.00	23.43 1.09 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.37 1.51 0.00	26.40 1.74 0.00	29.76 1.95 0.00	33.14 2.29 0.00	28.20 2.03 0.00	26.84 1.96 0.00	30.59 2.21 0.00	35.53 2.55 0.00	24.60 1.73 0.00	24.52 1.61 0.00	33.77 2.13 0.00	24.92 1.65 0.00	22.84 1.51 0.00	21.91 1.42 0.00
ASTORIA_GT2_3 24096	22.15 1.09 0.00	19.87 1.06 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.84 0.96 0.00	23.43 1.09 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.37 1.51 0.00	26.40 1.74 0.00	29.76 1.95 0.00	33.14 2.29 0.00	28.20 2.03 0.00	26.84 1.96 0.00	30.59 2.21 0.00	35.53 2.55 0.00	24.60 1.73 0.00	24.52 1.61 0.00	33.77 2.13 0.00	24.92 1.65 0.00	22.84 1.51 0.00	21.91 1.42 0.00
ASTORIA_GT2_4 24097	22.15 1.09 0.00	19.87 1.06 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.84 0.96 0.00	23.43 1.09 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.37 1.51 0.00	26.40 1.74 0.00	29.76 1.95 0.00	33.14 2.29 0.00	28.20 2.03 0.00	26.84 1.96 0.00	30.59 2.21 0.00	35.53 2.55 0.00	24.60 1.73 0.00	24.52 1.61 0.00	33.77 2.13 0.00	24.92 1.65 0.00	22.84 1.51 0.00	21.91 1.42 0.00
ASTORIA_GT3_1 24098	22.15 1.09 0.00	19.87 1.06 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.84 0.96 0.00	23.43 1.09 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.37 1.51 0.00	26.40 1.74 0.00	29.76 1.95 0.00	33.14 2.29 0.00	28.20 2.03 0.00	26.84 1.96 0.00	30.59 2.21 0.00	35.53 2.55 0.00	24.60 1.73 0.00	24.52 1.61 0.00	33.77 2.13 0.00	24.92 1.65 0.00	22.84 1.51 0.00	21.91 1.42 0.00
ASTORIA_GT3_2 24099	22.15 1.09 0.00	19.87 1.06 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.84 0.96 0.00	23.43 1.09 0.00	24.84 1.27 0.00	24.45 1.37 0.00</														

ASTORIA_GT_10 24110	22.23 1.17 0.00	19.91 1.10 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.44 0.00	23.38 1.53 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.18 2.34 0.00	28.26 2.09 0.00	26.89 2.00 0.00	30.69 2.31 0.00	35.64 2.67 0.00	24.70 1.83 0.00	24.61 1.71 0.00	33.87 2.23 0.00	24.97 1.70 0.00	22.86 1.52 0.00	21.93 1.43 0.00
ASTORIA_GT_11 24225	22.23 1.17 0.00	19.91 1.10 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.44 0.00	23.38 1.53 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.18 2.34 0.00	28.26 2.09 0.00	26.89 2.00 0.00	30.69 2.31 0.00	35.64 2.67 0.00	24.70 1.83 0.00	24.61 1.71 0.00	33.87 2.23 0.00	24.97 1.70 0.00	22.86 1.52 0.00	21.93 1.43 0.00
ASTORIA_GT_12 24226	22.22 1.17 0.00	19.91 1.10 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.38 1.52 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.18 2.33 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.68 2.30 0.00	35.64 2.67 0.00	24.70 1.82 0.00	24.60 1.69 0.00	33.86 2.22 0.00	24.98 1.70 0.00	22.85 1.52 0.00	21.93 1.43 0.00
ASTORIA_GT_13 24227	22.22 1.17 0.00	19.91 1.10 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.38 1.52 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.18 2.33 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.68 2.30 0.00	35.64 2.67 0.00	24.70 1.82 0.00	24.60 1.69 0.00	33.86 2.22 0.00	24.98 1.70 0.00	22.85 1.52 0.00	21.93 1.43 0.00
ASTORIA_GT_5 24106	22.19 1.13 0.00	19.92 1.11 0.00	16.39 0.82 0.00	15.06 0.68 0.00	15.31 0.68 0.00	17.78 0.85 0.00	20.88 1.01 0.00	23.47 1.14 0.00	24.88 1.32 0.00	24.50 1.42 0.00	23.41 1.55 0.00	26.45 1.78 0.00	29.83 2.01 0.00	33.20 2.36 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.65 2.27 0.00	35.60 2.63 0.00	24.65 1.78 0.00	24.56 1.65 0.00	33.83 2.20 0.00	24.97 1.70 0.00	22.87 1.54 0.00	21.95 1.46 0.00
ASTORIA_GT_7 24107	22.19 1.13 0.00	19.92 1.11 0.00	16.39 0.82 0.00	15.06 0.68 0.00	15.31 0.68 0.00	17.78 0.85 0.00	20.88 1.01 0.00	23.47 1.14 0.00	24.88 1.32 0.00	24.50 1.42 0.00	23.41 1.55 0.00	26.45 1.78 0.00	29.83 2.01 0.00	33.20 2.36 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.65 2.27 0.00	35.60 2.63 0.00	24.65 1.78 0.00	24.56 1.65 0.00	33.83 2.20 0.00	24.97 1.70 0.00	22.87 1.54 0.00	21.95 1.46 0.00
ASTORIA_GT_8 24108	22.19 1.13 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.06 0.68 0.00	15.31 0.68 0.00	17.78 0.85 0.00	20.88 1.01 0.00	23.47 1.14 0.00	24.89 1.32 0.00	24.50 1.42 0.00	23.41 1.56 0.00	26.46 1.79 0.00	29.82 2.01 0.00	33.21 2.37 0.00	28.26 2.09 0.00	26.91 2.02 0.00	30.66 2.28 0.00	35.61 2.64 0.00	24.65 1.78 0.00	24.58 1.66 0.00	33.83 2.20 0.00	24.97 1.70 0.00	22.88 1.55 0.00	21.95 1.46 0.00
ASTORIA___2 24149	22.15 1.09 0.00	19.88 1.07 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.84 0.96 0.00	23.43 1.09 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.36 1.51 0.00	26.40 1.73 0.00	29.76 1.94 0.00	33.13 2.29 0.00	28.19 2.02 0.00	26.84 1.95 0.00	30.58 2.20 0.00	35.52 2.55 0.00	24.60 1.73 0.00	24.51 1.60 0.00	33.76 2.13 0.00	24.92 1.65 0.00	22.83 1.49 0.00	21.92 1.42 0.00
ASTORIA___3 23516	22.22 1.17 0.00	19.91 1.10 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.38 1.52 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.18 2.33 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.68 2.30 0.00	35.64 2.67 0.00	24.70 1.82 0.00	24.60 1.69 0.00	33.86 2.22 0.00	24.98 1.70 0.00	22.85 1.52 0.00	21.93 1.43 0.00
ASTORIA___4 23517	22.23 1.17 0.00	19.91 1.10 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.44 0.00	23.38 1.53 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.18 2.34 0.00	28.26 2.09 0.00	26.89 2.00 0.00	30.69 2.31 0.00	35.64 2.67 0.00	24.70 1.83 0.00	24.61 1.71 0.00	33.87 2.23 0.00	24.97 1.70 0.00	22.86 1.52 0.00	21.93 1.43 0.00
ASTORIA___5 23518	22.22 1.17 0.00	19.91 1.10 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.38 1.52 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.18 2.33 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.68 2.30 0.00	35.64 2.67 0.00	24.70 1.82 0.00	24.60 1.69 0.00	33.86 2.22 0.00	24.98 1.70 0.00	22.85 1.52 0.00	21.93 1.43 0.00
AST_ENERGY_2_CC3 323677	22.18 1.13 0.00	19.88 1.07 0.00	16.37 0.81 0.00	15.05 0.67 0.00	15.29 0.66 0.00	17.75 0.82 0.00	20.89 1.02 0.00	23.45 1.11 0.00	24.87 1.29 0.00	24.49 1.41 0.00	23.30 1.45 0.00	26.38 1.71 0.00	29.73 1.92 0.00	33.05 2.21 0.00	28.15 1.98 0.00	26.80 1.91 0.00	30.58 2.20 0.00	35.51 2.54 0.00	24.61 1.74 0.00	24.53 1.62 0.00	33.74 2.11 0.00	24.88 1.61 0.00	22.78 1.44 0.00	21.87 1.37 0.00
AST_ENERGY_2_CC4 323678	22.18 1.13 0.00	19.88 1.07 0.00	16.37 0.81 0.00	15.05 0.67 0.00	15.29 0.66 0.00	17.75 0.82 0.00	20.89 1.02 0.00	23.45 1.11 0.00	24.87 1.29 0.00	24.49 1.41 0.00	23.30 1.45 0.00	26.38 1.71 0.00	29.73 1.92 0.00	33.05 2.21 0.00	28.15 1.98 0.00	26.80 1.91 0.00	30.58 2.20 0.00	35.51 2.54 0.00	24.61 1.74 0.00	24.53 1.62 0.00	33.74 2.11 0.00	24.88 1.61 0.00	22.78 1.44 0.00	21.87 1.37 0.00
ATHENS_STG_1 23668	21.76 0.70 0.00	19.47 0.66 0.00	16.05 0.49 0.00	14.79 0.42 0.00	15.03 0.40 0.00	17.40 0.47 0.00	20.44 0.56 0.00	22.91 0.57 0.00	24.20 0.63 0.00	23.75 0.67 0.00	22.56 0.71 0.00	25.49 0.82 0.00	28.72 0.90 0.00	31.92 1.08 0.00	27.11 0.94 0.00	25.73 0.84 0.00	29.39 1.01 0.00	34.15 1.18 0.00	23.73 0.86 0.00	23.78 0.87 0.00	32.78 1.15 0.00	24.16 0.89 0.00	22.15 0.82 0.00	21.25 0.76 0.00
ATHENS_STG_2 23670	21.76 0.70 0.00	19.47 0.66 0.00	16.05 0.49 0.00	14.79 0.42 0.00	15.03 0.40 0.00	17.40 0.47 0.00	20.44 0.56 0.00	22.91 0.57 0.00	24.20 0.63 0.00	23.75 0.67 0.00	22.56 0.71 0.00	25.49 0.82 0.00	28.72 0.90 0.00	31.92 1.08 0.00	27.11 0.94 0.00	25.73 0.84 0.00	29.39 1.01 0.00	34.15 1.18 0.00	23.73 0.86 0.00	23.78 0.87 0.00	32.78 1.15 0.00	24.16 0.89 0.00	22.15 0.82 0.00	21.25 0.76 0.00

ATHENS_STG_3 23677	21.76 0.70 0.00	19.47 0.66 0.00	16.05 0.49 0.00	14.79 0.42 0.00	15.03 0.40 0.00	17.40 0.47 0.00	20.44 0.56 0.00	22.91 0.57 0.00	24.20 0.63 0.00	23.75 0.67 0.00	22.56 0.71 0.00	25.49 0.82 0.00	28.72 0.90 0.00	31.92 1.08 0.00	27.11 0.94 0.00	25.73 0.84 0.00	29.39 1.01 0.00	34.15 1.18 0.00	23.73 0.86 0.00	23.78 0.87 0.00	32.78 1.15 0.00	24.16 0.89 0.00	22.15 0.82 0.00	21.25 0.76 0.00
AUBURN____LFGE 323710	21.31 0.25 0.00	19.02 0.21 0.00	15.59 0.03 0.00	14.45 0.08 0.00	14.72 0.10 0.00	17.04 0.11 0.00	20.12 0.25 0.00	22.75 0.41 0.00	24.02 0.45 0.00	23.46 0.38 0.00	22.13 0.27 0.00	25.01 0.34 0.00	27.96 0.15 0.00	31.23 0.38 0.00	26.48 0.31 0.00	25.35 0.46 0.00	28.80 0.42 0.00	33.46 0.49 0.00	23.35 0.48 0.00	23.31 0.40 0.00	32.37 0.74 0.00	23.68 0.41 0.00	21.66 0.33 0.00	20.85 0.35 0.00
BABYLON_RES_REC 323704	22.48 1.43 0.00	20.13 1.32 0.00	16.64 1.08 0.00	15.29 0.92 0.00	15.49 0.86 0.00	17.97 1.04 0.00	21.07 1.19 0.00	23.51 1.17 0.00	24.83 1.27 0.00	24.48 1.40 0.00	33.21 1.73 -9.63	33.03 1.88 -6.48	29.98 1.77 -0.39	33.53 2.17 -0.51	28.05 1.88 0.00	29.83 1.89 -3.05	35.31 2.15 -4.78	35.23 2.26 0.00	24.52 1.65 0.00	24.41 1.50 0.00	33.96 2.33 0.00	35.62 2.04 -10.30	42.23 1.88 -19.02	46.92 1.80 -24.62
BABYLON__69_KV_BK2 356345	22.65 1.59 0.00	20.27 1.46 0.00	16.75 1.19 0.00	15.40 1.03 0.00	15.59 0.96 0.00	18.09 1.16 0.00	21.20 1.32 0.00	23.66 1.32 0.00	25.00 1.43 0.00	24.65 1.57 0.00	33.37 1.88 -9.63	33.35 2.20 -6.48	30.46 2.26 -0.39	34.08 2.72 -0.51	28.52 2.35 0.00	30.28 2.34 -3.05	35.91 2.75 -4.78	35.88 2.91 0.00	24.99 2.11 0.00	24.78 1.87 0.00	34.26 2.62 0.00	35.85 2.28 -10.30	42.43 2.08 -19.02	47.09 1.97 -24.62
BARON_WINDS____WT_PWR 323822	21.02 -0.04 0.00	18.68 -0.13 0.00	15.22 -0.35 0.00	14.10 -0.27 0.00	14.34 -0.29 0.00	16.73 -0.20 0.00	19.73 -0.15 0.00	22.55 0.22 0.00	23.90 0.34 0.01	23.41 0.35 0.03	21.95 0.10 0.00	23.80 0.22 1.09	26.40 0.16 1.58	28.94 0.09 2.00	25.38 0.28 1.06	24.27 0.25 0.87	27.41 0.21 1.18	28.02 0.07 5.02	22.35 0.04 0.56	22.31 0.04 0.64	28.23 0.30 3.70	22.66 0.14 0.76	20.62 0.09 0.81	20.45 0.22 0.26
BARRETT_IC_1 23704	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_10 23701	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_11 23702	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_12 23703	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_2 23705	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_3 23706	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_4 23707	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_5 23708	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_6 23709	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_7 23710	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.86 0.93 0.00	20.94 1.07 0.00	72.55 1.02 -49.19	81.78 1.15 -57.05	144.71 1.29 -120.34	143.25 1.56 -119.84	32.99 1.84 -6.48	76.89 1.86 -47.22	96.24 2.17 -63.22	31.36 1.97 -3.22	69.04 1.96 -42.19	160.80 2.21 -130.21	46.61 2.48 -11.15	24.60 1.73 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62

BARRETT_IC_8 23711	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT_IC_9 23700	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT___1 23545	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BARRETT___2 23546	83.18 1.28 -60.85	50.86 1.19 -30.86	16.55 0.98 -0.01	15.18 0.81 0.00	15.38 0.75 0.00	17.85 0.93 0.00	20.94 1.07 0.00	72.54 1.01 -49.19	81.77 1.15 -57.05	144.70 1.28 -120.34	143.25 1.55 -119.84	32.99 1.84 -6.48	76.87 1.84 -47.22	96.22 2.15 -63.22	31.34 1.95 -3.22	69.03 1.95 -42.19	160.79 2.20 -130.21	46.60 2.48 -11.15	24.59 1.72 0.00	24.33 1.42 0.00	33.57 1.94 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.68 1.56 -24.62
BATAVIA___115KV_TB1 55881	21.39 0.34 0.00	18.96 0.15 0.00	15.41 -0.15 0.00	14.23 -0.14 0.00	14.53 -0.10 0.00	16.94 0.02 0.00	19.82 -0.06 0.00	22.60 0.26 0.00	23.78 0.23 0.02	23.30 0.26 0.04	21.95 0.10 0.00	23.11 0.20 1.75	25.35 0.07 2.53	27.40 -0.24 3.20	24.47 -0.01 1.70	23.65 0.16 1.40	26.53 0.05 1.90	24.78 -0.17 8.02	21.92 -0.05 0.90	21.68 -0.21 1.02	25.61 -0.10 5.92	22.03 -0.02 1.22	20.00 -0.03 1.30	20.29 0.22 0.43
BAYONEEC___CTG1 323682	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG10 323750	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG2 323683	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG3 323684	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG4 323685	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG5 323686	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG6 323687	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG7 323688	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG8 323689	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00
BAYONEEC___CTG9 323749	22.21 1.16 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.04 0.00	23.48 1.15 0.00	24.90 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.99 0.00	33.11 2.27 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.57 2.60 0.00	24.65 1.77 0.00	24.56 1.65 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.81 1.48 0.00	21.90 1.40 0.00

BEACON___LESR 323632	21.69 0.63 0.00	19.36 0.55 0.00	15.97 0.40 0.00	14.76 0.39 0.00	15.00 0.37 0.00	17.33 0.40 0.00	20.39 0.52 0.00	22.86 0.52 0.00	24.09 0.52 0.00	23.64 0.56 0.00	22.44 0.58 0.00	25.33 0.67 0.00	28.54 0.73 0.00	31.74 0.89 0.00	26.88 0.71 0.00	25.47 0.58 0.00	29.31 0.93 0.00	34.03 1.06 0.00	23.69 0.82 0.00	23.82 0.91 0.00	32.88 1.25 0.00	24.13 0.85 0.00	22.11 0.77 0.00	21.16 0.66 0.00
BEAVER RIVER___HYD 24048	21.44 0.39 0.00	19.13 0.33 0.00	15.84 0.28 0.00	14.63 0.26 0.00	14.91 0.28 0.00	17.28 0.36 0.00	20.36 0.49 0.00	22.93 0.59 0.00	24.15 0.57 0.00	23.44 0.35 -0.01	21.98 0.13 0.00	25.00 0.04 -0.29	28.14 -0.10 -0.42	30.99 -0.39 -0.53	25.98 -0.47 -0.28	24.56 -0.56 -0.23	28.03 -0.65 -0.30	33.64 -0.59 -1.25	22.69 -0.32 -0.15	22.96 -0.11 -0.16	32.62 0.04 -0.95	23.48 0.01 -0.19	21.53 -0.01 -0.21	20.57 0.01 -0.06
BEEBEE_GT_13 23619	21.08 0.02 0.00	18.72 -0.09 0.00	15.29 -0.28 0.00	14.11 -0.26 0.00	14.40 -0.23 0.00	16.75 -0.18 0.00	19.65 -0.23 0.00	22.32 -0.01 0.00	23.56 0.01 0.02	23.12 0.08 0.04	21.84 -0.01 0.00	22.84 0.05 1.89	25.01 -0.07 2.73	27.15 -0.23 3.46	24.27 -0.06 1.83	23.41 0.03 1.51	26.26 -0.06 2.05	24.09 -0.19 8.70	21.82 -0.08 0.97	21.61 -0.19 1.11	25.05 -0.16 6.42	21.86 -0.10 1.31	19.83 -0.09 1.41	20.08 0.04 0.46
BENSHRST_27_KV_BENSHRST_1 355998	22.43 1.37 0.00	20.07 1.26 0.00	16.52 0.95 0.00	15.18 0.81 0.00	15.46 0.83 0.00	17.95 1.02 0.00	21.05 1.18 0.00	23.65 1.31 0.00	25.08 1.51 0.00	24.69 1.61 0.00	23.55 1.70 0.00	26.68 2.01 0.00	30.08 2.27 0.00	33.47 2.63 0.00	28.51 2.34 0.00	27.13 2.24 0.00	30.97 2.59 0.00	36.04 3.07 0.00	24.97 2.10 0.00	24.89 1.97 0.00	34.24 2.61 0.00	25.26 1.98 0.00	23.11 1.78 0.00	22.16 1.66 0.00
BETHLEHEM___GRP 23843	21.39 0.33 0.00	19.13 0.32 0.00	15.79 0.23 0.00	14.61 0.24 0.00	14.86 0.23 0.00	17.13 0.20 0.00	20.10 0.22 0.00	22.48 0.14 0.00	23.73 0.16 0.00	23.27 0.18 0.00	22.12 0.26 0.00	24.96 0.30 0.00	28.10 0.28 0.00	31.27 0.43 0.00	26.53 0.36 0.00	25.13 0.24 0.00	28.77 0.39 0.00	33.46 0.49 0.00	23.28 0.41 0.00	23.39 0.48 0.00	32.25 0.62 0.00	23.75 0.47 0.00	21.81 0.48 0.00	20.90 0.40 0.00
BETHLEHEM___GS1 323560	21.39 0.33 0.00	19.13 0.32 0.00	15.80 0.23 0.00	14.61 0.24 0.00	14.86 0.23 0.00	17.13 0.20 0.00	20.10 0.22 0.00	22.48 0.14 0.00	23.73 0.16 0.00	23.26 0.18 0.00	22.12 0.26 0.00	24.96 0.29 0.00	28.10 0.28 0.00	31.27 0.43 0.00	26.52 0.35 0.00	25.13 0.24 0.00	28.77 0.39 0.00	33.46 0.49 0.00	23.28 0.41 0.00	23.39 0.48 0.00	32.25 0.62 0.00	23.75 0.47 0.00	21.82 0.48 0.00	20.90 0.40 0.00
BETHLEHEM___GS2 323561	21.39 0.33 0.00	19.13 0.32 0.00	15.80 0.23 0.00	14.61 0.24 0.00	14.86 0.23 0.00	17.13 0.20 0.00	20.10 0.22 0.00	22.48 0.14 0.00	23.73 0.16 0.00	23.26 0.18 0.00	22.12 0.26 0.00	24.96 0.29 0.00	28.10 0.28 0.00	31.27 0.43 0.00	26.52 0.35 0.00	25.13 0.24 0.00	28.77 0.39 0.00	33.46 0.49 0.00	23.28 0.41 0.00	23.39 0.48 0.00	32.25 0.62 0.00	23.75 0.47 0.00	21.82 0.48 0.00	20.90 0.40 0.00
BETHLEHEM___GS3 323562	21.39 0.33 0.00	19.13 0.32 0.00	15.80 0.23 0.00	14.61 0.24 0.00	14.86 0.23 0.00	17.13 0.20 0.00	20.10 0.22 0.00	22.48 0.14 0.00	23.73 0.16 0.00	23.26 0.18 0.00	22.12 0.26 0.00	24.96 0.29 0.00	28.10 0.28 0.00	31.27 0.43 0.00	26.52 0.35 0.00	25.13 0.24 0.00	28.77 0.39 0.00	33.46 0.49 0.00	23.28 0.41 0.00	23.39 0.48 0.00	32.25 0.62 0.00	23.75 0.47 0.00	21.82 0.48 0.00	20.90 0.40 0.00
BETHLEHEM___STEEL 23779	21.14 0.08 0.00	18.74 -0.07 0.00	15.20 -0.37 0.00	14.05 -0.32 0.00	14.34 -0.29 0.00	16.71 -0.22 0.00	19.55 -0.32 0.00	22.35 0.02 0.00	23.65 0.10 0.02	23.26 0.22 0.04	21.90 0.04 0.00	23.23 0.14 1.58	25.44 -0.10 2.28	27.56 -0.40 2.88	24.45 -0.19 1.53	23.56 -0.07 1.26	26.43 -0.24 1.71	25.16 -0.57 7.24	21.74 -0.31 0.81	21.52 -0.47 0.92	25.83 -0.45 5.35	21.87 -0.31 1.10	19.90 -0.25 1.18	20.15 0.03 0.38
BETHLHEM_115KV_TB1 79974	21.44 0.39 0.00	19.18 0.37 0.00	15.84 0.27 0.00	14.65 0.27 0.00	14.89 0.26 0.00	17.18 0.25 0.00	20.15 0.28 0.00	22.55 0.21 0.00	23.80 0.23 0.00	23.34 0.26 0.00	22.18 0.33 0.00	25.04 0.37 0.00	28.19 0.37 0.00	31.36 0.52 0.00	26.61 0.44 0.00	25.21 0.32 0.00	28.86 0.48 0.00	33.56 0.59 0.00	23.35 0.48 0.00	23.45 0.54 0.00	32.33 0.70 0.00	23.81 0.54 0.00	21.87 0.54 0.00	20.95 0.45 0.00
BETHPAGE_CC_5 323564	24.27 1.42 -1.80	21.03 1.31 -0.91	16.62 1.06 0.00	15.27 0.90 0.00	15.48 0.85 0.00	17.96 1.03 0.00	21.05 1.18 0.00	24.95 1.16 -1.45	26.49 1.23 -1.69	28.01 1.37 -3.55	36.40 1.65 -12.89	33.05 1.90 -6.48	31.46 1.87 -1.77	35.42 2.21 -2.36	28.19 1.92 -0.09	31.05 1.96 -4.20	39.16 2.29 -8.49	35.76 2.45 -0.33	24.63 1.76 0.00	24.42 1.51 0.00	33.77 2.13 0.00	35.52 1.94 -10.30	42.16 1.81 -19.02	46.88 1.76 -24.62
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.19 0.13 0.00	18.78 -0.03 0.00	15.23 -0.33 0.00	14.08 -0.29 0.00	14.37 -0.25 0.00	16.75 -0.18 0.00	19.62 -0.26 0.00	22.42 0.08 0.00	23.73 0.18 0.02	23.33 0.29 0.04	21.97 0.11 0.00	23.33 0.22 1.56	25.54 -0.02 2.25	27.68 -0.31 2.85	24.55 -0.11 1.51	23.64 0.00 1.24	26.53 -0.16 1.69	25.35 -0.46 7.16	21.82 -0.25 0.80	21.59 -0.40 0.91	25.98 -0.37 5.28	21.94 -0.25 1.08	19.97 -0.20 1.16	20.19 0.07 0.38
BINGHAMTON___COGEN 23790	21.26 0.20 0.00	18.97 0.16 0.00	15.57 0.01 0.00	14.39 0.02 0.00	14.64 0.01 0.00	17.03 0.10 0.00	20.04 0.16 0.00	22.68 0.35 0.00	24.01 0.44 0.00	23.52 0.45 0.01	22.19 0.34 0.00	24.63 0.41 0.45	27.59 0.43 0.65	30.47 0.45 0.83	26.19 0.46 0.44	24.96 0.42 0.36	28.38 0.49 0.49	31.40 0.51 2.08	23.01 0.37 0.23	23.00 0.35 0.27	30.66 0.57 1.53	23.31 0.35 0.31	21.29 0.30 0.33	20.67 0.29 0.11
BIXINCNT_115KV_LOAD 355685	21.32 0.27 0.00	18.94 0.13 0.00	15.34 -0.22 0.00	14.16 -0.21 0.00	14.46 -0.17 0.00	16.92 0.00 0.00	19.90 0.03 0.00	22.73 0.39 0.00	24.12 0.57 0.01	23.69 0.64 0.03	22.21 0.35 0.00	23.60 0.40 1.47	25.97 0.28 2.13	28.18 0.03 2.70	24.90 0.15 1.43	23.90 0.19 1.18	26.91 0.13 1.60	26.14 -0.07 6.77	22.09 -0.03 0.76	21.91 -0.14 0.86	26.68 0.04 5.00	22.26 0.01 1.02	20.26 0.02 1.10	20.41 0.28 0.36
BLACK RIVER___HYD 24047	21.38 0.32 0.00	19.07 0.27 0.00	15.78 0.22 0.00	14.55 0.19 0.00	14.84 0.21 0.00	17.24 0.31 0.00	20.30 0.43 0.00	22.91 0.58 0.00	24.15 0.57 0.00	23.42 0.33 -0.01	21.91 0.05 0.00	25.24 -0.02 -0.59	28.42 -0.24 -0.85	31.24 -0.68 -1.08	26.03 -0.71 -0.57	24.54 -0.82 -0.47	27.93 -1.07 -0.63	34.58 -1.04 -2.64	22.61 -0.57 -0.30	22.93 -0.33 -0.34	33.46 -0.14 -1.98	23.60 -0.07 -0.40	21.65 -0.12 -0.43	20.58 -0.05 -0.14

BLACKRVR_115KV_TB2 79977	21.38 0.32 0.00	19.07 0.27 0.00	15.78 0.22 0.00	14.56 0.19 0.00	14.84 0.21 0.00	17.24 0.31 0.00	20.30 0.43 0.00	22.91 0.58 0.00	24.15 0.57 0.00	23.42 0.33 -0.01	21.91 0.05 0.00	25.24 -0.02 -0.59	28.41 -0.25 -0.85	31.24 -0.68 -1.08	26.03 -0.71 -0.57	24.54 -0.81 -0.47	27.93 -1.08 -0.63	34.58 -1.04 -2.64	22.61 -0.57 -0.30	22.93 -0.33 -0.34	33.46 -0.14 -1.98	23.61 -0.07 -0.40	21.64 -0.12 -0.43	20.58 -0.05 -0.14
BLISS_WT_PWR 323608	21.31 0.25 0.00	18.92 0.11 0.00	15.32 -0.24 0.00	14.13 -0.24 0.00	14.44 -0.19 0.00	16.92 -0.01 0.00	19.90 0.03 0.00	22.72 0.38 0.00	24.13 0.57 0.01	23.70 0.66 0.03	22.20 0.35 0.00	23.59 0.39 1.47	25.96 0.27 2.13	28.20 0.05 2.70	24.92 0.18 1.43	23.90 0.19 1.18	26.92 0.13 1.60	26.15 -0.05 6.77	22.11 -0.01 0.76	21.95 -0.10 0.86	26.71 0.07 5.00	22.27 0.02 1.02	20.28 0.04 1.10	20.42 0.29 0.36
BLUE_CIRC_CHEM_DRP 24182	21.73 0.67 0.00	19.44 0.63 0.00	16.04 0.48 0.00	14.82 0.45 0.00	15.08 0.45 0.00	17.43 0.50 0.00	20.43 0.56 0.00	22.87 0.54 0.00	24.13 0.56 0.00	23.70 0.62 0.00	22.64 0.79 0.00	25.46 0.80 0.00	28.49 0.68 0.00	31.71 0.86 0.00	26.87 0.70 0.00	25.46 0.57 0.00	29.13 0.75 0.00	33.88 0.91 0.00	23.58 0.70 0.00	23.70 0.79 0.00	32.71 1.08 0.00	24.09 0.82 0.00	22.11 0.77 0.00	21.19 0.70 0.00
BOC_GAS_DRP 24189	21.59 0.53 0.00	19.31 0.50 0.00	15.94 0.37 0.00	14.71 0.34 0.00	14.96 0.33 0.00	17.30 0.37 0.00	20.29 0.42 0.00	22.73 0.39 0.00	23.99 0.43 0.00	23.53 0.45 0.00	22.36 0.50 0.00	25.24 0.57 0.00	28.42 0.61 0.00	31.60 0.75 0.00	26.81 0.64 0.00	25.42 0.53 0.00	29.07 0.69 0.00	33.79 0.81 0.00	23.49 0.62 0.00	23.57 0.66 0.00	32.50 0.88 0.00	23.95 0.67 0.00	21.98 0.65 0.00	21.07 0.58 0.00
BOONVILLE_115KV_TB1 79983	21.50 0.45 0.00	19.19 0.39 0.00	15.86 0.30 0.00	14.65 0.28 0.00	14.91 0.28 0.00	17.30 0.37 0.00	20.36 0.48 0.00	22.93 0.59 0.00	24.21 0.64 0.00	23.60 0.52 0.00	22.26 0.41 0.00	25.05 0.38 0.00	28.26 0.45 0.00	31.11 0.26 0.00	26.34 0.17 0.00	25.00 0.11 0.00	28.52 0.14 0.00	33.24 0.27 0.00	23.15 0.28 0.00	23.33 0.41 0.00	32.29 0.66 0.00	23.74 0.47 0.00	21.70 0.37 0.00	20.83 0.33 0.00
BORALEX_4TH_BRANCH 23824	22.29 1.23 0.00	19.96 1.15 0.00	16.45 0.88 0.00	15.17 0.80 0.00	15.44 0.81 0.00	17.86 0.93 0.00	20.92 1.04 0.00	23.35 1.01 0.00	24.56 0.99 0.00	24.06 0.98 0.00	22.91 1.06 0.00	25.81 1.14 0.00	29.04 1.23 0.00	32.29 1.44 0.00	27.27 1.10 0.00	25.58 0.69 0.00	29.39 1.01 0.00	34.16 1.19 0.00	23.83 0.96 0.00	24.16 1.25 0.00	33.33 1.70 0.00	24.55 1.28 0.00	22.55 1.22 0.00	21.62 1.13 0.00
BOWLINE___1 23526	22.05 0.99 0.00	19.72 0.91 0.00	16.24 0.67 0.00	14.93 0.56 0.00	15.17 0.54 0.00	17.60 0.67 0.00	20.71 0.83 0.00	23.27 0.93 0.00	24.65 1.08 0.00	24.26 1.18 0.00	23.07 1.22 0.00	26.11 1.44 0.00	29.44 1.62 0.00	32.75 1.90 0.00	27.87 1.70 0.00	26.52 1.63 0.00	30.28 1.90 0.00	35.17 2.20 0.00	24.38 1.51 0.00	24.32 1.41 0.00	33.48 1.85 0.00	24.67 1.39 0.00	22.56 1.23 0.00	21.66 1.17 0.00
BOWLINE___2 23595	22.05 1.00 0.00	19.73 0.92 0.00	16.23 0.67 0.00	14.93 0.56 0.00	15.16 0.53 0.00	17.59 0.67 0.00	20.71 0.83 0.00	23.26 0.92 0.00	24.65 1.08 0.00	24.24 1.16 0.00	23.07 1.21 0.00	26.10 1.43 0.00	29.42 1.61 0.00	32.74 1.89 0.00	27.85 1.68 0.00	26.50 1.61 0.00	30.27 1.89 0.00	35.17 2.20 0.00	24.39 1.51 0.00	24.32 1.41 0.00	33.48 1.85 0.00	24.67 1.40 0.00	22.56 1.23 0.00	21.67 1.17 0.00
BRADY___115KV_TB2 356060	21.30 0.24 0.00	19.01 0.20 0.00	15.85 0.29 0.00	14.67 0.29 0.00	14.95 0.32 0.00	17.30 0.37 0.00	20.35 0.48 0.00	22.78 0.45 0.00	23.91 0.34 0.00	23.24 0.16 0.00	21.88 0.02 0.00	24.65 -0.02 0.00	27.83 0.01 0.00	30.84 -0.01 0.00	26.04 -0.13 0.00	24.73 -0.16 0.00	28.28 -0.10 0.00	32.87 -0.10 0.00	22.62 -0.25 0.00	22.69 -0.22 0.00	31.34 -0.29 0.00	23.02 -0.25 0.00	21.11 -0.23 0.00	20.26 -0.23 0.00
BRANSCOMB___SOLAR 323811	22.35 1.30 0.00	19.99 1.18 0.00	16.47 0.91 0.00	15.20 0.83 0.00	15.48 0.85 0.00	17.92 0.99 0.00	21.09 1.21 0.00	23.60 1.26 0.00	24.87 1.30 0.00	24.34 1.26 0.00	23.10 1.25 0.00	26.10 1.43 0.00	29.38 1.57 0.00	32.74 1.90 0.00	27.62 1.45 0.00	26.13 1.24 0.00	30.05 1.67 0.00	35.00 2.03 0.00	24.33 1.46 0.00	24.55 1.64 0.00	33.84 2.21 0.00	24.95 1.68 0.00	22.87 1.54 0.00	21.91 1.41 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.76 1.46 2.76	18.78 1.37 1.40	16.68 1.11 0.00	15.33 0.96 0.00	15.52 0.90 0.00	18.00 1.08 0.00	21.10 1.22 0.00	21.30 1.19 2.23	22.27 1.29 2.59	19.06 1.44 5.46	28.27 1.78 -4.64	33.24 2.09 -6.48	28.21 2.13 1.73	31.10 2.59 2.33	28.27 2.25 0.15	28.42 2.26 -1.27	30.11 2.64 0.91	35.11 2.65 0.51	24.81 1.94 0.00	24.57 1.66 0.00	33.93 2.30 0.00	35.65 2.07 -10.30	42.27 1.91 -19.02	46.95 1.82 -24.62
BRISTLHL_115KV_TB1 79998	20.57 -0.49 0.00	18.35 -0.45 0.00	15.14 -0.43 0.00	13.98 -0.40 0.00	14.24 -0.39 0.00	16.51 -0.42 0.00	19.38 -0.49 0.00	21.87 -0.47 0.00	23.14 -0.44 -0.02	22.68 -0.44 -0.04	21.40 -0.45 0.00	25.77 -0.53 -1.64	29.61 -0.57 -2.37	33.17 -0.69 -3.00	27.24 -0.53 -1.60	25.70 -0.51 -1.32	29.56 -0.59 -1.77	39.83 -0.65 -7.51	23.32 -0.40 -0.85	23.48 -0.40 -0.96	36.74 -0.48 -5.60	24.06 -0.36 -1.15	22.19 -0.38 -1.23	20.51 -0.38 -0.39
BROOKHAVEN___DRP 24191	18.92 1.15 3.28	18.26 1.11 1.66	16.46 0.90 0.00	15.17 0.79 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.79 0.91 0.00	20.51 0.82 2.65	21.37 0.88 3.08	17.64 1.05 6.49	26.92 1.38 -3.69	32.79 1.64 -6.48	27.28 1.60 2.14	30.07 2.10 2.87	27.73 1.74 0.17	27.66 1.83 -0.94	28.65 2.25 1.98	34.67 2.30 0.60	24.61 1.73 0.00	24.34 1.43 0.00	33.55 1.92 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.66 1.54 -24.62
BROOKLYN_NAVY_YARD 23515	22.20 1.15 0.00	19.87 1.06 0.00	16.37 0.81 0.00	15.04 0.67 0.00	15.29 0.66 0.00	17.74 0.82 0.00	20.89 1.01 0.00	23.45 1.12 0.00	24.89 1.32 0.00	24.51 1.43 0.00	23.30 1.45 0.00	26.39 1.72 0.00	29.74 1.92 0.00	33.06 2.22 0.00	28.16 1.99 0.00	26.80 1.91 0.00	30.57 2.19 0.00	35.51 2.53 0.00	24.61 1.74 0.00	24.53 1.62 0.00	33.75 2.12 0.00	24.90 1.63 0.00	22.80 1.47 0.00	21.88 1.38 0.00
BROOKLYN___ARMY_DRP 323595	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00



BROOKVLE_69_KV_TB1 55790	29.41 1.40 -6.95	23.64 1.30 -3.53	16.59 1.02 0.00	15.24 0.87 0.00	15.47 0.84 0.00	17.95 1.02 0.00	21.08 1.20 0.00	29.24 1.28 -5.62	31.51 1.42 -6.52	38.39 1.56 -13.75	45.85 1.77 -22.23	33.21 2.06 -6.48	35.78 2.22 -5.74	41.06 2.54 -7.68	28.75 2.21 -0.37	34.62 2.21 -7.52	50.06 2.56 -19.11	37.05 2.81 -1.27	24.83 1.96 0.00	24.66 1.75 0.00	33.99 2.36 0.00	35.55 1.97 -10.30	42.16 1.81 -19.02	46.83 1.71 -24.62
BROOME_2_LFGE 323671	21.26 0.20 0.00	18.97 0.16 0.00	15.57 0.01 0.00	14.39 0.02 0.00	14.64 0.01 0.00	17.02 0.10 0.00	20.04 0.16 0.00	22.68 0.35 0.00	24.01 0.44 0.00	23.52 0.45 0.01	22.19 0.34 0.00	24.63 0.41 0.45	27.58 0.42 0.65	30.47 0.45 0.83	26.20 0.47 0.44	24.95 0.42 0.36	28.38 0.49 0.49	31.40 0.51 2.08	23.01 0.37 0.23	23.00 0.35 0.27	30.66 0.56 1.53	23.31 0.35 0.31	21.29 0.29 0.33	20.67 0.28 0.11
BROOME__LFGE 323600	21.26 0.20 0.00	18.97 0.16 0.00	15.57 0.01 0.00	14.39 0.02 0.00	14.64 0.01 0.00	17.02 0.10 0.00	20.04 0.16 0.00	22.68 0.35 0.00	24.01 0.44 0.00	23.52 0.45 0.01	22.19 0.34 0.00	24.63 0.41 0.45	27.58 0.42 0.65	30.47 0.45 0.83	26.20 0.47 0.44	24.95 0.42 0.36	28.38 0.49 0.49	31.40 0.51 2.08	23.01 0.37 0.23	23.00 0.35 0.27	30.66 0.56 1.53	23.31 0.35 0.31	21.29 0.29 0.33	20.67 0.28 0.11
BROWNFLS_115KV_TB_3_5 80003	21.36 0.30 0.00	19.05 0.24 0.00	15.82 0.26 0.00	14.62 0.25 0.00	14.90 0.27 0.00	17.25 0.33 0.00	20.32 0.45 0.00	22.83 0.50 0.00	24.00 0.43 0.00	23.21 0.13 0.00	21.77 -0.09 0.00	24.49 -0.17 0.00	27.53 -0.29 0.00	30.37 -0.48 0.00	25.58 -0.59 0.00	24.18 -0.72 0.00	27.65 -0.73 0.00	32.24 -0.73 0.00	22.30 -0.57 0.00	22.53 -0.38 0.00	31.21 -0.42 0.00	22.90 -0.38 0.00	21.03 -0.31 0.00	20.20 -0.29 0.00
BROWNSV1_27_KV_LOAD 356125	22.43 1.37 0.00	20.07 1.27 0.00	16.52 0.96 0.00	15.19 0.81 0.00	15.43 0.80 0.00	17.91 0.98 0.00	21.11 1.23 0.00	23.71 1.38 0.00	25.17 1.60 0.00	24.79 1.71 0.00	23.60 1.74 0.00	26.72 2.05 0.00	30.12 2.31 0.00	33.49 2.65 0.00	28.52 2.36 0.00	27.16 2.27 0.00	30.99 2.61 0.00	35.98 3.01 0.00	24.92 2.05 0.00	24.85 1.94 0.00	34.19 2.56 0.00	25.21 1.93 0.00	23.07 1.74 0.00	22.13 1.63 0.00
BURROWS__LYONSDAL 23803	21.51 0.45 0.00	19.19 0.39 0.00	15.87 0.31 0.00	14.65 0.28 0.00	14.92 0.29 0.00	17.31 0.38 0.00	20.38 0.50 0.00	22.94 0.61 0.00	24.21 0.63 0.00	23.59 0.51 0.00	22.22 0.36 0.00	24.99 0.32 0.00	28.17 0.35 0.00	30.98 0.14 0.00	26.22 0.05 0.00	24.87 -0.02 0.00	28.37 -0.01 0.00	33.07 0.10 0.00	23.04 0.17 0.00	23.23 0.32 0.00	32.18 0.56 0.00	23.67 0.39 0.00	21.64 0.31 0.00	20.77 0.28 0.00
CAITHNESS_CC_1 323624	18.93 1.16 3.30	18.25 1.12 1.67	16.48 0.91 0.00	15.17 0.80 0.00	15.34 0.71 0.00	17.79 0.86 0.00	20.80 0.93 0.00	20.49 0.82 2.66	21.39 0.90 3.09	17.64 1.07 6.52	26.92 1.40 -3.67	32.81 1.66 -6.48	27.28 1.61 2.14	30.05 2.08 2.88	27.74 1.75 0.17	27.66 1.84 -0.93	28.62 2.24 2.01	34.65 2.28 0.60	24.59 1.72 0.00	24.32 1.41 0.00	33.52 1.89 0.00	35.33 1.75 -10.30	41.98 1.63 -19.02	46.67 1.55 -24.62
CALPINE BETH_PAGE_GT4 24209	26.48 1.42 -4.00	22.16 1.32 -2.03	16.62 1.06 0.00	15.27 0.90 0.00	15.48 0.85 0.00	17.96 1.03 0.00	21.05 1.17 0.00	26.74 1.17 -3.24	28.56 1.24 -3.75	32.38 1.38 -7.92	40.39 1.66 -16.88	33.05 1.90 -6.48	33.16 1.87 -3.47	37.69 2.21 -4.64	28.31 1.93 -0.21	32.47 1.96 -5.62	43.70 2.29 -13.03	36.17 2.47 -0.73	24.63 1.76 0.00	24.43 1.52 0.00	33.75 2.12 0.00	35.52 1.95 -10.30	42.15 1.80 -19.02	46.89 1.76 -24.62
CALPINE_BETH_PAGE_GT_4 323586	26.48 1.42 -4.00	22.15 1.31 -2.03	16.62 1.06 0.00	15.27 0.90 0.00	15.48 0.85 0.00	17.96 1.03 0.00	21.05 1.17 0.00	26.73 1.15 -3.24	28.56 1.23 -3.75	32.38 1.38 -7.92	40.39 1.65 -16.88	33.05 1.90 -6.48	33.14 1.85 -3.47	37.67 2.19 -4.64	28.30 1.91 -0.21	32.47 1.95 -5.62	43.70 2.28 -13.03	36.17 2.47 -0.73	24.63 1.76 0.00	24.42 1.51 0.00	33.75 2.12 0.00	35.52 1.95 -10.30	42.15 1.80 -19.02	46.89 1.76 -24.62
CALPINE_BP_GT1 23823	26.48 1.42 -4.00	22.15 1.31 -2.03	16.62 1.06 0.00	15.27 0.90 0.00	15.48 0.85 0.00	17.96 1.03 0.00	21.05 1.17 0.00	26.73 1.15 -3.24	28.56 1.23 -3.75	32.38 1.38 -7.92	40.39 1.65 -16.88	33.05 1.90 -6.48	33.14 1.85 -3.47	37.67 2.19 -4.64	28.30 1.91 -0.21	32.47 1.95 -5.62	43.70 2.28 -13.03	36.17 2.47 -0.73	24.63 1.76 0.00	24.42 1.51 0.00	33.75 2.12 0.00	35.52 1.95 -10.30	42.15 1.80 -19.02	46.89 1.76 -24.62
CALSPAN__DRP 24200	21.14 0.08 0.00	18.74 -0.07 0.00	15.20 -0.37 0.00	14.05 -0.32 0.00	14.34 -0.29 0.00	16.71 -0.22 0.00	19.55 -0.32 0.00	22.35 0.02 0.00	23.65 0.10 0.02	23.26 0.22 0.04	21.90 0.04 0.00	23.23 0.14 1.58	25.44 -0.10 2.28	27.56 -0.40 2.88	24.45 -0.19 1.53	23.56 -0.07 1.26	26.43 -0.24 1.71	25.16 -0.57 7.24	21.74 -0.31 0.81	21.52 -0.47 0.92	25.83 -0.45 5.35	21.87 -0.31 1.10	19.90 -0.25 1.18	20.15 0.03 0.38
CALVERTON__SOLAR 323806	18.95 1.17 3.28	18.26 1.12 1.66	16.47 0.91 0.00	15.18 0.81 0.00	15.33 0.70 0.00	17.79 0.86 0.00	20.81 0.93 0.00	20.50 0.82 2.65	21.40 0.90 3.08	17.66 1.07 6.49	26.94 1.39 -3.70	32.81 1.65 -6.48	27.29 1.61 2.13	30.11 2.13 2.87	27.74 1.75 0.17	27.70 1.87 -0.94	28.70 2.30 1.98	34.76 2.40 0.60	24.67 1.80 0.00	24.40 1.49 0.00	33.63 2.00 0.00	35.40 1.82 -10.30	42.03 1.68 -19.02	46.70 1.58 -24.62
CANDIGU_WT_PWR 323617	21.02 -0.04 0.00	18.68 -0.13 0.00	15.22 -0.35 0.00	14.10 -0.27 0.00	14.34 -0.29 0.00	16.73 -0.20 0.00	19.73 -0.15 0.00	22.55 0.22 0.00	23.90 0.34 0.01	23.41 0.35 0.03	21.95 0.10 0.00	23.80 0.22 1.09	26.40 0.16 1.58	28.94 0.09 2.00	25.38 0.28 1.06	24.27 0.25 0.87	27.41 0.21 1.18	28.02 0.07 5.02	22.35 0.04 0.56	22.31 0.04 0.64	28.23 0.30 3.70	22.66 0.14 0.76	20.62 0.09 0.81	20.45 0.22 0.26
CARR STREET_E__SYR 24060	20.75 -0.31 0.00	18.52 -0.30 0.00	15.25 -0.31 0.00	14.09 -0.28 0.00	14.35 -0.28 0.00	16.65 -0.28 0.00	19.52 -0.35 0.00	22.02 -0.32 0.00	23.32 -0.24 0.00	22.84 -0.23 0.01	21.59 -0.26 0.00	24.00 -0.28 0.39	26.96 -0.28 0.57	29.79 -0.34 0.71	25.58 -0.22 0.37	24.37 -0.21 0.30	27.70 -0.25 0.43	30.85 -0.29 1.83	22.53 -0.14 0.20	22.54 -0.15 0.22	30.24 -0.10 1.29	22.92 -0.09 0.27	20.93 -0.12 0.28	20.25 -0.15 0.10
CARTHAGE__PAPER 23857	21.51 0.45 0.00	19.19 0.38 0.00	15.89 0.32 0.00	14.66 0.29 0.00	14.95 0.32 0.00	17.35 0.43 0.00	20.44 0.57 0.00	23.03 0.69 0.00	24.25 0.67 0.00	23.52 0.43 -0.01	22.02 0.16 0.00	25.20 0.06 -0.47	28.35 -0.15 -0.68	31.20 -0.51 -0.87	26.04 -0.58 -0.46	24.59 -0.68 -0.37	28.03 -0.84 -0.49	34.28 -0.76 -2.06	22.72 -0.39 -0.24	23.05 -0.13 -0.27	33.27 0.07 -1.58	23.65 0.05 -0.32	21.69 0.01 -0.34	20.65 0.05 -0.10

CASSADAGA_WT_PWR 323784	21.32 0.27 0.00	18.87 0.06 0.00	15.38 -0.18 0.00	14.29 -0.08 0.00	14.61 -0.02 0.00	17.07 0.14 0.00	20.06 0.18 0.00	23.20 0.86 0.00	24.63 1.07 0.01	24.14 1.10 0.04	22.64 0.78 0.00	24.25 1.07 1.49	26.67 1.01 2.16	29.07 0.96 2.73	25.65 0.93 1.45	24.63 0.93 1.19	27.68 0.92 1.62	26.83 0.73 6.86	22.61 0.51 0.77	22.47 0.44 0.87	27.37 0.80 5.06	22.74 0.50 1.04	20.67 0.45 1.11	20.75 0.62 0.36
CE_DUNWOOD___DRP 24194	22.16 1.10 0.00	19.82 1.02 0.00	16.32 0.76 0.00	15.01 0.64 0.00	15.26 0.63 0.00	17.70 0.77 0.00	20.83 0.96 0.00	23.39 1.05 0.00	24.78 1.21 0.00	24.38 1.30 0.00	23.20 1.35 0.00	26.27 1.60 0.00	29.60 1.79 0.00	32.92 2.07 0.00	28.02 1.85 0.00	26.66 1.78 0.00	30.44 2.06 0.00	35.36 2.39 0.00	24.52 1.65 0.00	24.45 1.55 0.00	33.66 2.03 0.00	24.81 1.54 0.00	22.71 1.38 0.00	21.79 1.30 0.00
CE_MILLWOOD___DRP 24193	22.12 1.06 0.00	19.79 0.99 0.00	16.30 0.74 0.00	14.99 0.62 0.00	15.23 0.60 0.00	17.67 0.75 0.00	20.79 0.92 0.00	23.35 1.01 0.00	24.74 1.17 0.00	24.33 1.25 0.00	23.16 1.31 0.00	26.21 1.54 0.00	29.53 1.72 0.00	32.85 2.01 0.00	27.96 1.79 0.00	26.60 1.71 0.00	30.38 2.00 0.00	35.29 2.31 0.00	24.47 1.60 0.00	24.41 1.50 0.00	33.60 1.96 0.00	24.77 1.49 0.00	22.67 1.34 0.00	21.75 1.26 0.00
CE_NYC2_DRP 24202	22.24 1.19 0.00	19.92 1.12 0.00	16.41 0.84 0.00	15.08 0.71 0.00	15.33 0.70 0.00	17.79 0.86 0.00	20.92 1.05 0.00	23.51 1.17 0.00	24.93 1.36 0.00	24.55 1.47 0.00	23.40 1.55 0.00	26.48 1.82 0.00	29.86 2.05 0.00	33.21 2.37 0.00	28.28 2.11 0.00	26.91 2.02 0.00	30.72 2.33 0.00	35.67 2.70 0.00	24.72 1.85 0.00	24.63 1.72 0.00	33.88 2.25 0.00	24.99 1.71 0.00	22.87 1.54 0.00	21.94 1.45 0.00
CE_NYC_DRP 24195	22.23 1.17 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.93 1.05 0.00	23.49 1.16 0.00	24.93 1.36 0.00	24.55 1.47 0.00	23.37 1.52 0.00	26.46 1.79 0.00	29.83 2.02 0.00	33.16 2.31 0.00	28.25 2.08 0.00	26.89 1.99 0.00	30.68 2.30 0.00	35.62 2.65 0.00	24.68 1.81 0.00	24.60 1.68 0.00	33.84 2.20 0.00	24.95 1.68 0.00	22.84 1.50 0.00	21.92 1.42 0.00
CHAFFEE___LFGE 323603	21.21 0.16 0.00	18.79 -0.02 0.00	15.23 -0.33 0.00	14.08 -0.29 0.00	14.37 -0.26 0.00	16.76 -0.17 0.00	19.63 -0.24 0.00	22.44 0.11 0.00	23.76 0.20 0.02	23.37 0.32 0.04	21.98 0.12 0.00	23.36 0.22 1.53	25.64 0.04 2.21	27.82 -0.23 2.80	24.66 -0.02 1.48	23.75 0.07 1.22	26.67 -0.06 1.66	25.59 -0.36 7.02	21.92 -0.17 0.79	21.71 -0.31 0.89	26.21 -0.24 5.18	22.03 -0.18 1.06	20.05 -0.14 1.14	20.23 0.11 0.37
CHATEAUG_35_KV_LOAD 355732	21.57 0.51 0.00	19.28 0.47 0.00	16.05 0.49 0.00	14.85 0.48 0.00	15.10 0.47 0.00	17.41 0.48 0.00	20.42 0.54 0.00	22.82 0.48 0.00	23.89 0.32 0.00	23.29 0.21 0.00	21.92 0.06 0.00	24.79 0.12 0.00	27.89 0.08 0.00	31.06 0.22 0.00	26.11 -0.06 0.00	24.35 -0.54 0.00	28.69 0.31 0.00	33.64 0.67 0.00	23.22 0.35 0.00	23.21 0.30 0.00	31.80 0.17 0.00	23.26 -0.02 0.00	21.29 -0.04 0.00	20.27 -0.23 0.00
CHATEAUG_WT_PWR 323614	21.60 0.55 0.00	19.32 0.52 0.00	16.07 0.51 0.00	14.86 0.49 0.00	15.11 0.48 0.00	17.43 0.50 0.00	20.46 0.58 0.00	22.85 0.51 0.00	23.93 0.36 0.00	23.32 0.24 0.00	21.96 0.11 0.00	24.86 0.19 0.00	27.97 0.16 0.00	31.15 0.30 0.00	26.17 0.01 0.00	24.36 -0.53 0.00	28.76 0.38 0.00	33.69 0.72 0.00	23.27 0.40 0.00	23.26 0.35 0.00	31.85 0.22 0.00	23.30 0.02 0.00	21.34 0.01 0.00	20.29 -0.21 0.00
CHAT_HIGH_FALL_HYD 323578	21.57 0.51 0.00	19.28 0.47 0.00	16.05 0.49 0.00	14.85 0.48 0.00	15.10 0.47 0.00	17.41 0.48 0.00	20.42 0.54 0.00	22.82 0.48 0.00	23.89 0.32 0.00	23.29 0.21 0.00	21.92 0.06 0.00	24.79 0.12 0.00	27.90 0.08 0.00	31.06 0.22 0.00	26.11 -0.06 0.00	24.35 -0.54 0.00	28.69 0.31 0.00	33.64 0.67 0.00	23.22 0.35 0.00	23.21 0.30 0.00	31.80 0.17 0.00	23.26 -0.01 0.00	21.29 -0.04 0.00	20.27 -0.23 0.00
CHAUTAUQUA___LFGE 323629	21.30 0.24 0.00	18.89 0.08 0.00	15.35 -0.22 0.00	14.23 -0.14 0.00	14.52 -0.11 0.00	16.95 0.02 0.00	19.90 0.02 0.00	22.88 0.54 0.00	24.26 0.71 0.01	23.81 0.76 0.04	22.37 0.51 0.00	23.88 0.74 1.53	26.22 0.61 2.21	28.54 0.49 2.80	25.27 0.58 1.48	24.26 0.59 1.22	27.27 0.54 1.66	26.26 0.31 7.02	22.32 0.24 0.79	22.15 0.14 0.89	26.84 0.39 5.18	22.42 0.21 1.06	20.40 0.20 1.14	20.52 0.39 0.37
CHERRYST_13_KV_LD 356241	22.29 1.23 0.00	19.96 1.15 0.00	16.43 0.87 0.00	15.11 0.73 0.00	15.35 0.72 0.00	17.82 0.90 0.00	20.99 1.12 0.00	23.57 1.24 0.00	25.02 1.45 0.00	24.65 1.56 0.00	23.46 1.61 0.00	26.56 1.89 0.00	29.96 2.14 0.00	33.29 2.44 0.00	28.35 2.18 0.00	26.99 2.10 0.00	30.80 2.42 0.00	35.76 2.79 0.00	24.76 1.89 0.00	24.67 1.76 0.00	33.94 2.31 0.00	25.02 1.75 0.00	22.90 1.57 0.00	21.98 1.48 0.00
CHESTROR_138KV_BK263 355645	21.95 0.89 0.00	19.63 0.82 0.00	16.17 0.60 0.00	14.87 0.50 0.00	15.11 0.48 0.00	17.53 0.60 0.00	20.63 0.75 0.00	23.15 0.82 0.00	24.51 0.94 0.00	24.09 1.01 0.00	22.89 1.04 0.00	25.89 1.23 0.00	29.19 1.38 0.00	32.47 1.62 0.00	27.61 1.44 0.00	26.27 1.38 0.00	30.00 1.62 0.00	34.87 1.90 0.00	24.20 1.32 0.00	24.16 1.24 0.00	33.28 1.65 0.00	24.52 1.25 0.00	22.44 1.10 0.00	21.54 1.04 0.00
CH_MIDHUDSON___DRP 24192	22.15 1.09 0.00	19.81 1.00 0.00	16.32 0.75 0.00	15.01 0.64 0.00	15.26 0.63 0.00	17.70 0.77 0.00	20.82 0.94 0.00	23.37 1.04 0.00	24.72 1.15 0.00	24.30 1.22 0.00	23.10 1.25 0.00	26.14 1.47 0.00	29.45 1.64 0.00	32.77 1.93 0.00	27.89 1.73 0.00	26.53 1.64 0.00	30.32 1.94 0.00	35.23 2.26 0.00	24.47 1.60 0.00	24.44 1.53 0.00	33.64 2.01 0.00	24.79 1.51 0.00	22.69 1.36 0.00	21.76 1.27 0.00
CH_MISC_IPPS 23765	22.24 1.19 0.00	19.89 1.08 0.00	16.37 0.81 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.86 1.28 0.00	24.43 1.35 0.00	23.21 1.36 0.00	26.28 1.61 0.00	29.61 1.80 0.00	32.94 2.09 0.00	28.05 1.88 0.00	26.71 1.82 0.00	30.51 2.13 0.00	35.46 2.49 0.00	24.62 1.75 0.00	24.58 1.66 0.00	33.84 2.20 0.00	24.93 1.65 0.00	22.80 1.46 0.00	21.86 1.37 0.00
CH_RES_BVR_FALLS 23983	20.87 -0.19 0.00	18.63 -0.18 0.00	15.50 -0.07 0.00	14.34 -0.04 0.00	14.61 -0.02 0.00	16.89 -0.04 0.00	19.85 -0.03 0.00	22.25 -0.08 0.00	23.44 -0.14 0.00	22.88 -0.20 0.00	21.58 -0.27 0.00	24.38 -0.29 0.00	27.50 -0.32 0.00	30.45 -0.40 0.00	25.74 -0.43 0.00	24.43 -0.46 0.00	27.82 -0.56 0.00	32.23 -0.73 0.00	22.30 -0.58 0.00	22.30 -0.61 0.00	30.78 -0.85 0.00	22.58 -0.70 0.00	20.68 -0.65 0.00	19.90 -0.60 0.00

CH_RES_NIAGARA 23895	20.42 -0.64 0.00	18.09 -0.71 0.00	14.67 -0.90 0.00	13.55 -0.82 0.00	13.85 -0.78 0.00	16.11 -0.81 0.00	18.77 -1.11 0.00	21.20 -1.14 0.00	22.34 -1.21 0.02	22.00 -1.04 0.04	20.75 -1.10 0.00	21.81 -1.15 1.72	23.73 -1.61 2.48	25.62 -2.08 3.15	22.90 -1.61 1.66	22.10 -1.43 1.36	24.72 -1.81 1.86	22.66 -2.37 7.93	20.45 -1.55 0.87	20.20 -1.73 0.99	23.54 -2.24 5.85	20.48 -1.61 1.18	18.64 -1.43 1.27	19.17 -0.92 0.41
CH_RES_SYRACUSE 23985	20.90 -0.16 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.76 -0.16 0.00	19.71 -0.17 0.00	22.24 -0.10 0.00	23.52 -0.06 0.00	23.03 -0.06 -0.01	21.75 -0.11 0.00	24.84 -0.10 -0.28	28.11 -0.10 -0.40	31.24 -0.12 -0.51	26.37 -0.08 -0.28	25.07 -0.05 -0.22	28.62 -0.06 -0.30	34.16 -0.05 -1.25	23.04 0.03 -0.15	23.08 0.00 -0.16	32.68 0.08 -0.96	23.50 0.02 -0.20	21.52 -0.02 -0.21	20.52 -0.04 -0.06
CLINTON_WT_PWR 323605	21.60 0.55 0.00	19.32 0.52 0.00	16.07 0.51 0.00	14.86 0.49 0.00	15.11 0.48 0.00	17.43 0.50 0.00	20.46 0.58 0.00	22.85 0.51 0.00	23.93 0.36 0.00	23.32 0.24 0.00	21.96 0.11 0.00	24.86 0.19 0.00	27.97 0.16 0.00	31.15 0.30 0.00	26.17 0.01 0.00	24.36 -0.53 0.00	28.76 0.38 0.00	33.69 0.72 0.00	23.27 0.40 0.00	23.26 0.35 0.00	31.85 0.22 0.00	23.30 0.02 0.00	21.34 0.01 0.00	20.29 -0.21 0.00
CLINTON___LFGE 323618	21.86 0.80 0.00	19.55 0.74 0.00	16.24 0.68 0.00	15.02 0.65 0.00	15.28 0.65 0.00	17.64 0.71 0.00	20.73 0.85 0.00	23.15 0.81 0.00	24.22 0.65 0.00	23.57 0.49 0.00	22.20 0.35 0.00	25.15 0.48 0.00	28.30 0.49 0.00	31.53 0.68 0.00	26.48 0.31 0.00	24.64 -0.25 0.00	29.13 0.75 0.00	34.16 1.19 0.00	23.64 0.77 0.00	23.64 0.73 0.00	32.37 0.74 0.00	23.66 0.39 0.00	21.65 0.31 0.00	20.56 0.06 0.00
COBBLENY_34_KV_TB1 80064	21.21 0.16 0.00	18.79 -0.02 0.00	15.23 -0.33 0.00	14.08 -0.29 0.00	14.37 -0.26 0.00	16.76 -0.17 0.00	19.63 -0.24 0.00	22.44 0.11 0.00	23.76 0.20 0.02	23.37 0.32 0.04	21.97 0.12 0.00	23.36 0.21 1.53	25.62 0.02 2.21	27.80 -0.25 2.80	24.63 -0.06 1.48	23.73 0.06 1.22	26.65 -0.07 1.66	25.59 -0.36 7.02	21.91 -0.18 0.79	21.68 -0.33 0.89	26.19 -0.26 5.18	22.03 -0.18 1.06	20.05 -0.15 1.14	20.24 0.12 0.37
COFFEEN___115KV_TB3 355620	21.49 0.43 0.00	19.16 0.35 0.00	15.85 0.29 0.00	14.62 0.25 0.00	14.91 0.28 0.00	17.33 0.40 0.00	20.41 0.54 0.00	23.04 0.70 0.00	24.29 0.72 0.00	23.55 0.46 -0.01	22.02 0.16 0.00	25.38 0.11 -0.61	28.57 -0.12 -0.88	31.35 -0.61 -1.11	26.09 -0.67 -0.59	24.62 -0.75 -0.49	28.01 -1.02 -0.65	34.78 -0.92 -2.74	22.70 -0.49 -0.31	23.07 -0.20 -0.36	33.77 0.10 -2.05	23.81 0.11 -0.42	21.82 0.03 -0.45	20.72 0.08 -0.14
COLDSPRG_115KV_BK1 355956	21.66 0.60 0.00	19.22 0.41 0.00	15.63 0.07 0.00	14.48 0.11 0.00	14.77 0.14 0.00	17.26 0.33 0.00	20.33 0.45 0.00	23.45 1.11 0.00	24.88 1.32 0.01	24.41 1.36 0.03	22.93 1.07 0.00	24.52 1.29 1.44	26.92 1.19 2.08	29.33 1.12 2.64	25.84 1.07 1.40	24.79 1.05 1.15	27.89 1.07 1.56	27.27 0.93 6.62	22.75 0.62 0.74	22.58 0.52 0.84	27.67 0.93 4.88	22.88 0.60 1.00	20.80 0.53 1.07	20.85 0.70 0.35
COLONIE_LFGE___ 323577	21.99 0.93 0.00	19.67 0.86 0.00	16.22 0.66 0.00	14.97 0.60 0.00	15.23 0.61 0.00	17.62 0.69 0.00	20.72 0.85 0.00	23.19 0.85 0.00	24.45 0.88 0.00	23.96 0.88 0.00	22.78 0.93 0.00	25.68 1.02 0.00	28.93 1.11 0.00	32.17 1.33 0.00	27.22 1.05 0.00	25.72 0.83 0.00	29.49 1.11 0.00	34.24 1.27 0.00	23.83 0.96 0.00	24.02 1.11 0.00	33.11 1.48 0.00	24.39 1.11 0.00	22.40 1.06 0.00	21.47 0.97 0.00
COOPERNY_115KV_TB1 80082	21.70 0.64 0.00	19.40 0.59 0.00	15.99 0.42 0.00	14.72 0.35 0.00	14.97 0.34 0.00	17.36 0.43 0.00	20.42 0.54 0.00	22.93 0.59 0.00	24.26 0.69 0.00	23.83 0.75 0.00	22.62 0.77 0.00	25.58 0.91 0.00	28.84 1.02 0.00	32.04 1.20 0.00	27.25 1.08 0.00	25.92 1.03 0.00	29.58 1.20 0.00	34.36 1.39 0.00	23.85 0.97 0.00	23.82 0.91 0.00	32.83 1.20 0.00	24.18 0.91 0.00	22.14 0.80 0.00	21.26 0.76 0.00
COPENHAGEN_WT_PWR 323753	21.22 0.16 0.00	18.94 0.13 0.00	15.68 0.12 0.00	14.45 0.08 0.00	14.74 0.11 0.00	17.13 0.20 0.00	20.16 0.28 0.00	22.75 0.42 0.00	23.97 0.40 -0.01	23.26 0.16 -0.02	21.74 -0.11 0.00	25.13 -0.18 -0.64	28.30 -0.44 -0.93	31.16 -0.86 -1.18	25.95 -0.84 -0.62	24.43 -0.98 -0.51	27.76 -1.31 -0.69	34.51 -1.37 -2.90	22.42 -0.78 -0.33	22.69 -0.60 -0.38	33.26 -0.54 -2.17	23.36 -0.36 -0.44	21.44 -0.37 -0.48	20.41 -0.24 -0.15
CORNELL_____ 23752	21.35 0.30 0.00	19.04 0.23 0.00	15.65 0.09 0.00	14.48 0.11 0.00	14.74 0.11 0.00	17.14 0.21 0.00	20.19 0.31 0.00	22.83 0.50 0.00	24.09 0.52 0.00	23.52 0.45 0.01	22.13 0.28 0.00	24.61 0.32 0.37	27.63 0.35 0.54	30.54 0.38 0.68	26.18 0.37 0.36	24.99 0.40 0.30	28.43 0.45 0.40	31.82 0.57 1.72	23.20 0.52 0.19	23.25 0.56 0.22	31.26 0.88 1.25	23.62 0.60 0.26	21.55 0.49 0.28	20.86 0.45 0.09
CORONA_AV_69_KV_TB1 355595	59.27 1.42 -36.79	38.79 1.32 -18.66	16.62 1.06 0.00	15.27 0.90 0.00	15.48 0.85 0.00	17.96 1.04 0.00	21.08 1.21 0.00	53.30 1.22 -29.74	59.38 1.32 -34.50	97.32 1.47 -72.77	99.80 1.67 -76.27	33.13 1.98 -6.48	58.62 2.10 -28.71	71.71 2.44 -38.43	30.25 2.14 -1.95	53.74 2.13 -26.72	111.50 2.49 -80.63	42.43 2.72 -6.74	24.80 1.93 0.00	24.59 1.68 0.00	33.98 2.35 0.00	35.55 1.97 -10.30	42.12 1.77 -19.02	46.80 1.68 -24.62
CORTLAND_115KV_TB3 80093	21.23 0.18 0.00	18.94 0.13 0.00	15.59 0.02 0.00	14.41 0.04 0.00	14.67 0.04 0.00	17.04 0.11 0.00	20.06 0.18 0.00	22.65 0.32 0.00	23.94 0.38 0.00	23.42 0.34 0.00	22.07 0.22 0.00	24.91 0.24 0.00	28.10 0.29 0.00	31.12 0.28 0.00	26.44 0.27 0.00	25.17 0.27 0.00	28.67 0.31 0.02	33.28 0.40 0.09	23.21 0.33 0.00	23.29 0.37 0.00	32.24 0.61 0.00	23.68 0.41 0.00	21.66 0.32 0.00	20.77 0.28 0.01
COXSACKIE___GT 23611	22.41 1.35 0.00	20.01 1.21 0.00	16.51 0.95 0.00	15.28 0.91 0.00	15.55 0.92 0.00	17.96 1.04 0.00	21.12 1.24 0.00	23.69 1.35 0.00	24.93 1.36 0.00	24.14 1.06 0.00	22.76 0.91 0.00	25.58 0.91 0.00	28.06 0.24 0.00	32.06 1.22 0.00	27.20 1.04 0.00	25.82 0.93 0.00	29.67 1.29 0.00	34.74 1.76 0.00	24.32 1.45 0.00	24.61 1.70 0.00	34.15 2.52 0.00	25.14 1.86 0.00	23.01 1.68 0.00	21.96 1.46 0.00
CPV_VALLEY___CC1 323721	21.78 0.72 0.00	19.48 0.67 0.00	16.04 0.48 0.00	14.76 0.39 0.00	15.01 0.38 0.00	17.40 0.48 0.00	20.47 0.60 0.00	22.98 0.64 0.00	24.32 0.75 0.00	23.90 0.82 0.00	22.72 0.86 0.00	25.69 1.03 0.00	28.97 1.15 0.00	32.21 1.36 0.00	27.39 1.22 0.00	26.06 1.17 0.00	29.75 1.37 0.00	34.57 1.60 0.00	23.98 1.11 0.00	23.94 1.03 0.00	32.99 1.35 0.00	24.30 1.03 0.00	22.24 0.90 0.00	21.36 0.86 0.00

CPV_VALLEY___CC2 323722	21.78 0.72 0.00	19.48 0.67 0.00	16.04 0.48 0.00	14.76 0.39 0.00	15.01 0.38 0.00	17.40 0.48 0.00	20.47 0.60 0.00	22.98 0.64 0.00	24.32 0.75 0.00	23.90 0.82 0.00	22.72 0.86 0.00	25.69 1.03 0.00	28.97 1.15 0.00	32.21 1.36 0.00	27.39 1.22 0.00	26.06 1.17 0.00	29.75 1.37 0.00	34.57 1.60 0.00	23.98 1.11 0.00	23.94 1.03 0.00	32.99 1.35 0.00	24.30 1.03 0.00	22.24 0.90 0.00	21.36 0.86 0.00
CRESCENT___HYD 24018	21.99 0.93 0.00	19.67 0.86 0.00	16.22 0.66 0.00	14.97 0.60 0.00	15.23 0.61 0.00	17.62 0.69 0.00	20.72 0.85 0.00	23.19 0.85 0.00	24.45 0.88 0.00	23.96 0.88 0.00	22.78 0.93 0.00	25.68 1.02 0.00	28.93 1.11 0.00	32.17 1.33 0.00	27.22 1.05 0.00	25.72 0.83 0.00	29.49 1.11 0.00	34.24 1.27 0.00	23.83 0.96 0.00	24.02 1.11 0.00	33.11 1.48 0.00	24.39 1.11 0.00	22.40 1.06 0.00	21.47 0.97 0.00
CRICKET___VALLEY_CC1 323756	21.98 0.93 0.00	19.67 0.86 0.00	16.20 0.64 0.00	14.93 0.56 0.00	15.17 0.54 0.00	17.58 0.65 0.00	20.66 0.78 0.00	23.12 0.78 0.00	24.41 0.84 0.00	23.98 0.90 0.00	22.78 0.92 0.00	25.77 1.10 0.00	28.97 1.16 0.00	32.29 1.45 0.00	27.45 1.28 0.00	26.07 1.18 0.00	29.81 1.43 0.00	34.65 1.68 0.00	24.12 1.25 0.00	24.12 1.21 0.00	33.20 1.57 0.00	24.47 1.20 0.00	22.45 1.11 0.00	21.54 1.04 0.00
CRICKET___VALLEY_CC2 323757	21.98 0.93 0.00	19.67 0.86 0.00	16.20 0.64 0.00	14.93 0.56 0.00	15.17 0.54 0.00	17.58 0.65 0.00	20.66 0.78 0.00	23.12 0.78 0.00	24.41 0.84 0.00	23.98 0.90 0.00	22.78 0.92 0.00	25.77 1.10 0.00	28.97 1.16 0.00	32.29 1.45 0.00	27.45 1.28 0.00	26.07 1.18 0.00	29.81 1.43 0.00	34.65 1.68 0.00	24.12 1.25 0.00	24.12 1.21 0.00	33.20 1.57 0.00	24.47 1.20 0.00	22.45 1.11 0.00	21.54 1.04 0.00
CRICKET___VALLEY_CC3 323758	21.98 0.93 0.00	19.67 0.86 0.00	16.20 0.64 0.00	14.93 0.56 0.00	15.17 0.54 0.00	17.58 0.65 0.00	20.66 0.78 0.00	23.12 0.78 0.00	24.41 0.84 0.00	23.98 0.90 0.00	22.78 0.92 0.00	25.77 1.10 0.00	28.97 1.16 0.00	32.29 1.45 0.00	27.45 1.28 0.00	26.07 1.18 0.00	29.81 1.43 0.00	34.65 1.68 0.00	24.12 1.25 0.00	24.12 1.21 0.00	33.20 1.57 0.00	24.47 1.20 0.00	22.45 1.11 0.00	21.54 1.04 0.00
CRUCIBLE_METL_DRP 24180	20.90 -0.16 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.76 -0.16 0.00	19.71 -0.17 0.00	22.24 -0.10 0.00	23.52 -0.06 0.00	23.03 -0.06 -0.01	21.75 -0.11 0.00	24.84 -0.10 -0.28	28.11 -0.10 -0.40	31.23 -0.12 -0.51	26.37 -0.08 -0.28	25.07 -0.05 -0.22	28.62 -0.06 -0.30	34.16 -0.05 -1.25	23.04 0.03 -0.15	23.08 0.00 -0.16	32.68 0.08 -0.96	23.50 0.03 -0.20	21.52 -0.02 -0.21	20.52 -0.04 -0.06
DAHOWA___HYDRO 323763	22.46 1.40 0.00	20.09 1.28 0.00	16.55 0.98 0.00	15.27 0.90 0.00	15.55 0.92 0.00	18.01 1.09 0.00	21.20 1.33 0.00	23.73 1.39 0.00	25.02 1.45 0.00	24.48 1.40 0.00	23.23 1.37 0.00	26.23 1.57 0.00	29.54 1.72 0.00	32.93 2.08 0.00	27.75 1.58 0.00	26.26 1.37 0.00	30.23 1.85 0.00	35.24 2.26 0.00	24.50 1.63 0.00	24.72 1.81 0.00	34.06 2.43 0.00	25.12 1.85 0.00	23.02 1.69 0.00	22.04 1.54 0.00
DANC___LFGE 323619	20.98 -0.08 0.00	18.72 -0.09 0.00	15.48 -0.09 0.00	14.27 -0.10 0.00	14.55 -0.08 0.00	16.89 -0.03 0.00	19.86 -0.01 0.00	22.42 0.08 0.00	23.67 0.09 -0.01	23.05 -0.05 -0.02	21.62 -0.24 0.00	25.21 -0.29 -0.84	28.54 -0.49 -1.21	31.61 -0.78 -1.54	26.27 -0.72 -0.82	24.76 -0.81 -0.67	28.23 -1.06 -0.90	35.68 -1.10 -3.81	22.66 -0.64 -0.43	22.89 -0.51 -0.49	33.99 -0.49 -2.85	23.54 -0.31 -0.59	21.63 -0.33 -0.63	20.42 -0.27 -0.20
DANSKAMMER___1 23586	22.24 1.19 0.00	19.89 1.08 0.00	16.37 0.81 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.86 1.28 0.00	24.43 1.35 0.00	23.21 1.36 0.00	26.28 1.61 0.00	29.61 1.80 0.00	32.94 2.09 0.00	28.05 1.88 0.00	26.71 1.82 0.00	30.51 2.13 0.00	35.46 2.49 0.00	24.62 1.75 0.00	24.58 1.66 0.00	33.84 2.20 0.00	24.93 1.65 0.00	22.80 1.46 0.00	21.86 1.37 0.00
DANSKAMMER___2 23589	22.24 1.19 0.00	19.89 1.08 0.00	16.37 0.81 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.86 1.28 0.00	24.43 1.35 0.00	23.21 1.36 0.00	26.28 1.61 0.00	29.61 1.80 0.00	32.94 2.09 0.00	28.05 1.88 0.00	26.71 1.82 0.00	30.51 2.13 0.00	35.46 2.49 0.00	24.62 1.75 0.00	24.58 1.66 0.00	33.84 2.20 0.00	24.93 1.65 0.00	22.80 1.46 0.00	21.86 1.37 0.00
DANSKAMMER___3 23590	22.24 1.19 0.00	19.89 1.08 0.00	16.37 0.81 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.86 1.28 0.00	24.43 1.35 0.00	23.21 1.36 0.00	26.28 1.61 0.00	29.61 1.80 0.00	32.94 2.09 0.00	28.05 1.88 0.00	26.71 1.82 0.00	30.51 2.13 0.00	35.46 2.49 0.00	24.62 1.75 0.00	24.58 1.66 0.00	33.84 2.20 0.00	24.93 1.65 0.00	22.80 1.46 0.00	21.86 1.37 0.00
DANSKAMMER___4 23591	22.24 1.19 0.00	19.89 1.08 0.00	16.37 0.81 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.86 1.28 0.00	24.43 1.35 0.00	23.21 1.36 0.00	26.28 1.61 0.00	29.61 1.80 0.00	32.94 2.09 0.00	28.05 1.88 0.00	26.71 1.82 0.00	30.51 2.13 0.00	35.46 2.49 0.00	24.62 1.75 0.00	24.58 1.66 0.00	33.84 2.20 0.00	24.93 1.65 0.00	22.80 1.46 0.00	21.86 1.37 0.00
DANSKAMMER___DIESEL 23592	22.24 1.19 0.00	19.89 1.08 0.00	16.37 0.81 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.86 1.28 0.00	24.43 1.35 0.00	23.21 1.36 0.00	26.28 1.61 0.00	29.61 1.80 0.00	32.94 2.09 0.00	28.05 1.89 0.00	26.71 1.82 0.00	30.51 2.13 0.00	35.46 2.49 0.00	24.63 1.75 0.00	24.58 1.67 0.00	33.84 2.20 0.00	24.93 1.65 0.00	22.80 1.47 0.00	21.86 1.37 0.00
DARBY___SOLAR 323810	22.36 1.31 0.00	20.01 1.20 0.00	16.48 0.92 0.00	15.21 0.84 0.00	15.49 0.86 0.00	17.93 1.01 0.00	21.11 1.23 0.00	23.64 1.30 0.00	24.93 1.36 0.00	24.40 1.32 0.00	23.17 1.31 0.00	26.15 1.49 0.00	29.45 1.64 0.00	32.81 1.97 0.00	27.70 1.53 0.00	26.20 1.31 0.00	30.13 1.75 0.00	35.09 2.12 0.00	24.40 1.52 0.00	24.60 1.69 0.00	33.90 2.27 0.00	24.99 1.71 0.00	22.91 1.57 0.00	21.94 1.44 0.00
DASHVILLE___HYD 23610	21.91 0.85 0.00	19.60 0.79 0.00	16.14 0.58 0.00	14.83 0.46 0.00	15.07 0.44 0.00	17.49 0.57 0.00	20.58 0.70 0.00	23.10 0.76 0.00	24.47 0.90 0.00	24.05 0.97 0.00	22.88 1.02 0.00	25.89 1.22 0.00	29.27 1.46 0.00	32.52 1.67 0.00	27.67 1.50 0.00	26.35 1.46 0.00	30.08 1.70 0.00	34.93 1.96 0.00	24.22 1.35 0.00	24.15 1.24 0.00	33.21 1.58 0.00	24.49 1.21 0.00	22.40 1.06 0.00	21.49 0.99 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	19.46 1.67 3.27	18.73 1.58 1.66	16.84 1.27 0.00	15.53 1.16 0.00	15.68 1.05 0.00	18.20 1.27 0.00	21.33 1.45 0.00	21.14 1.44 2.64	22.05 1.54 3.07	18.36 1.75 6.46	27.63 2.06 -3.72	33.56 2.41 -6.48	28.12 2.43 2.12	31.11 3.12 2.86	28.61 2.62 0.17	28.53 2.70 -0.95	29.74 3.32 1.95	35.97 3.60 0.60	25.50 2.63 0.00	25.21 2.30 0.00	34.42 2.79 0.00	35.92 2.35 -10.30	42.49 2.14 -19.02	47.13 2.01 -24.62
DELAWARE___LFGE 323621	21.66 0.60 0.00	19.35 0.54 0.00	15.93 0.37 0.00	14.70 0.33 0.00	14.97 0.34 0.00	17.37 0.44 0.00	20.44 0.56 0.00	23.02 0.68 0.00	24.33 0.76 0.00	23.86 0.78 0.00	22.57 0.72 0.00	25.50 0.83 0.00	28.74 0.92 0.00	31.87 1.02 0.00	27.08 0.92 0.00	25.76 0.87 0.00	29.34 0.97 0.01	34.02 1.11 0.06	23.67 0.80 0.00	23.69 0.78 0.00	32.72 1.09 0.00	24.08 0.81 0.00	22.05 0.72 0.00	21.17 0.68 0.01
DERFIELD_115KV_TB7 355931	21.13 0.06 0.00	18.88 0.07 0.00	15.60 0.03 0.00	14.40 0.03 0.00	14.66 0.03 0.00	16.96 0.03 0.00	19.92 0.04 0.00	22.40 0.06 0.00	23.64 0.07 0.00	23.15 0.07 0.00	21.92 0.07 0.00	24.75 0.08 0.00	27.91 0.10 0.00	30.94 0.10 0.00	26.25 0.08 0.00	24.95 0.06 0.00	28.47 0.09 0.00	33.08 0.10 0.00	22.97 0.09 0.00	23.02 0.11 0.00	31.79 0.16 0.00	23.39 0.12 0.00	21.44 0.10 0.00	20.59 0.09 0.00
DOGLEVILLE___HYD 23807	20.92 -0.13 0.00	18.71 -0.10 0.00	15.30 -0.26 0.00	14.13 -0.24 0.00	14.39 -0.23 0.00	16.70 -0.22 0.00	19.66 -0.22 0.00	22.06 -0.28 0.00	23.19 -0.37 0.00	22.77 -0.31 0.00	21.68 -0.18 0.00	24.54 -0.13 0.00	27.56 -0.25 0.00	30.50 -0.34 0.00	25.81 -0.36 0.00	24.34 -0.55 0.00	27.88 -0.50 0.00	32.57 -0.40 0.00	22.83 -0.05 0.00	23.10 0.19 0.00	31.98 0.35 0.00	23.54 0.26 0.00	21.58 0.24 0.00	20.63 0.13 0.00
DUNKIRK___115KV_TB_200 55889	21.30 0.24 0.00	18.88 0.08 0.00	15.34 -0.23 0.00	14.22 -0.15 0.00	14.51 -0.12 0.00	16.93 0.00 0.00	19.86 -0.01 0.00	22.83 0.49 0.00	24.21 0.66 0.02	23.76 0.71 0.04	22.32 0.47 0.00	23.81 0.67 1.53	26.14 0.54 2.21	28.44 0.39 2.80	25.18 0.50 1.48	24.20 0.53 1.22	27.19 0.47 1.66	26.18 0.24 7.03	22.27 0.19 0.79	22.08 0.07 0.90	26.75 0.31 5.19	22.37 0.16 1.06	20.34 0.15 1.14	20.48 0.35 0.37
DUNKIRK___1 23563	21.30 0.24 0.00	18.88 0.08 0.00	15.34 -0.23 0.00	14.22 -0.15 0.00	14.51 -0.12 0.00	16.93 0.00 0.00	19.86 -0.01 0.00	22.83 0.49 0.00	24.21 0.66 0.02	23.76 0.71 0.04	22.32 0.47 0.00	23.81 0.67 1.53	26.14 0.54 2.21	28.44 0.39 2.80	25.18 0.50 1.48	24.20 0.53 1.22	27.19 0.47 1.66	26.18 0.24 7.03	22.27 0.19 0.79	22.08 0.07 0.90	26.75 0.31 5.19	22.37 0.16 1.06	20.34 0.15 1.14	20.48 0.35 0.37
DUNKIRK___2 23564	21.30 0.24 0.00	18.88 0.08 0.00	15.34 -0.23 0.00	14.22 -0.15 0.00	14.51 -0.12 0.00	16.93 0.00 0.00	19.86 -0.01 0.00	22.83 0.49 0.00	24.21 0.66 0.02	23.76 0.71 0.04	22.32 0.47 0.00	23.81 0.67 1.53	26.14 0.54 2.21	28.44 0.39 2.80	25.18 0.50 1.48	24.20 0.53 1.22	27.19 0.47 1.66	26.18 0.24 7.03	22.27 0.19 0.79	22.08 0.07 0.90	26.75 0.31 5.19	22.37 0.16 1.06	20.34 0.15 1.14	20.48 0.35 0.37
DUNKIRK___3 23565	21.23 0.17 0.00	18.83 0.02 0.00	15.29 -0.27 0.00	14.16 -0.21 0.00	14.44 -0.19 0.00	16.84 -0.08 0.00	19.76 -0.12 0.00	22.65 0.32 0.00	24.02 0.46 0.02	23.59 0.54 0.04	22.17 0.32 0.00	23.61 0.48 1.54	25.88 0.29 2.22	28.14 0.11 2.82	24.93 0.25 1.49	23.96 0.30 1.23	26.92 0.21 1.67	25.86 -0.04 7.07	22.09 0.01 0.79	21.88 -0.13 0.90	26.44 0.03 5.22	22.18 -0.03 1.07	20.18 -0.01 1.15	20.34 0.21 0.37
DUNKIRK___4 23566	21.23 0.17 0.00	18.83 0.02 0.00	15.29 -0.27 0.00	14.16 -0.21 0.00	14.44 -0.19 0.00	16.84 -0.08 0.00	19.76 -0.12 0.00	22.65 0.32 0.00	24.02 0.46 0.02	23.59 0.54 0.04	22.17 0.32 0.00	23.61 0.48 1.54	25.88 0.29 2.22	28.14 0.11 2.82	24.93 0.25 1.49	23.96 0.30 1.23	26.92 0.21 1.67	25.86 -0.04 7.07	22.09 0.01 0.79	21.88 -0.13 0.90	26.44 0.03 5.22	22.18 -0.03 1.07	20.18 -0.01 1.15	20.34 0.21 0.37
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.19 1.14 0.00	19.86 1.05 0.00	16.36 0.79 0.00	15.04 0.67 0.00	15.29 0.66 0.00	17.74 0.81 0.00	20.87 1.00 0.00	23.43 1.09 0.00	24.81 1.24 0.00	24.43 1.34 0.00	23.27 1.42 0.00	26.34 1.67 0.00	29.68 1.86 0.00	33.00 2.16 0.00	28.09 1.93 0.00	26.73 1.84 0.00	30.52 2.14 0.00	35.44 2.47 0.00	24.58 1.71 0.00	24.51 1.60 0.00	33.73 2.10 0.00	24.87 1.60 0.00	22.76 1.43 0.00	21.85 1.35 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.06 1.00 0.00	19.73 0.92 0.00	16.24 0.68 0.00	14.94 0.57 0.00	15.18 0.56 0.00	17.61 0.69 0.00	20.73 0.86 0.00	23.28 0.95 0.00	24.64 1.07 0.00	24.23 1.15 0.00	23.02 1.16 0.00	26.05 1.38 0.00	29.37 1.55 0.00	32.66 1.82 0.00	27.81 1.64 0.00	26.48 1.59 0.00	30.24 1.86 0.00	35.13 2.16 0.00	24.38 1.51 0.00	24.34 1.42 0.00	33.51 1.88 0.00	24.69 1.42 0.00	22.58 1.24 0.00	21.67 1.17 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.19 1.14 0.00	19.90 1.09 0.00	16.37 0.81 0.00	15.04 0.67 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.86 0.99 0.00	23.44 1.11 0.00	24.84 1.27 0.00	24.45 1.36 0.00	23.33 1.48 0.00	26.38 1.71 0.00	29.74 1.92 0.00	33.10 2.26 0.00	28.17 2.00 0.00	26.80 1.92 0.00	30.58 2.20 0.00	35.51 2.54 0.00	24.62 1.75 0.00	24.54 1.64 0.00	33.80 2.17 0.00	24.93 1.65 0.00	22.83 1.50 0.00	21.91 1.41 0.00
E179THST_13_KV_LOAD 356214	22.29 1.23 0.00	19.97 1.17 0.00	16.44 0.87 0.00	15.10 0.73 0.00	15.34 0.71 0.00	17.81 0.88 0.00	20.96 1.08 0.00	23.55 1.22 0.00	24.96 1.39 0.00	24.56 1.48 0.00	23.45 1.59 0.00	26.51 1.85 0.00	29.89 2.07 0.00	33.27 2.43 0.00	28.31 2.15 0.00	26.94 2.05 0.00	30.73 2.36 0.00	35.70 2.73 0.00	24.75 1.87 0.00	24.68 1.76 0.00	33.97 2.34 0.00	25.06 1.78 0.00	22.95 1.61 0.00	22.01 1.51 0.00
EAST HAMPTON___GT 23717	19.72 1.93 3.27	18.97 1.82 1.66	17.04 1.47 0.00	15.71 1.34 0.00	15.87 1.24 0.00	18.42 1.49 0.00	21.61 1.73 0.00	21.43 1.73 2.64	22.37 1.87 3.07	18.69 2.07 6.46	27.95 2.38 -3.72	33.93 2.78 -6.48	28.48 2.79 2.12	31.54 3.55 2.86	28.99 2.99 0.17	28.92 3.08 -0.95	30.22 3.79 1.95	36.54 4.17 0.60	25.89 3.02 0.00	25.59 2.67 0.00	34.96 3.33 0.00	36.34 2.76 -10.30	42.84 2.49 -19.02	47.46 2.34 -24.62
EAST RIVER___6 23660	22.23 1.18 0.00	19.93 1.12 0.00	16.40 0.84 0.00	15.08 0.71 0.00	15.33 0.70 0.00	17.79 0.87 0.00	20.96 1.08 0.00	23.51 1.17 0.00	24.95 1.38 0.00	24.59 1.51 0.00	23.41 1.55 0.00	26.50 1.83 0.00	29.85 2.04 0.00	33.20 2.36 0.00	28.28 2.11 0.00	26.94 2.05 0.00	30.74 2.36 0.00	35.69 2.72 0.00	24.72 1.85 0.00	24.63 1.72 0.00	33.88 2.25 0.00	24.98 1.71 0.00	22.85 1.52 0.00	21.94 1.44 0.00

EAST RIVER___7 23524	22.23 1.18 0.00	19.93 1.12 0.00	16.40 0.84 0.00	15.08 0.71 0.00	15.33 0.70 0.00	17.79 0.87 0.00	20.96 1.08 0.00	23.51 1.17 0.00	24.95 1.38 0.00	24.59 1.51 0.00	23.41 1.55 0.00	26.50 1.83 0.00	29.85 2.04 0.00	33.20 2.36 0.00	28.28 2.11 0.00	26.94 2.05 0.00	30.74 2.36 0.00	35.69 2.72 0.00	24.72 1.85 0.00	24.63 1.72 0.00	33.88 2.25 0.00	24.98 1.71 0.00	22.85 1.52 0.00	21.94 1.44 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.16 1.10 0.00	19.82 1.02 0.00	16.32 0.76 0.00	15.01 0.64 0.00	15.26 0.63 0.00	17.70 0.77 0.00	20.83 0.96 0.00	23.39 1.05 0.00	24.78 1.21 0.00	24.38 1.30 0.00	23.20 1.35 0.00	26.27 1.60 0.00	29.60 1.79 0.00	32.92 2.07 0.00	28.02 1.85 0.00	26.66 1.78 0.00	30.44 2.06 0.00	35.36 2.39 0.00	24.52 1.65 0.00	24.45 1.55 0.00	33.66 2.03 0.00	24.81 1.54 0.00	22.71 1.38 0.00	21.79 1.30 0.00
EAST_HAMPTON___DIESEL 23722	19.72 1.93 3.27	18.97 1.82 1.66	17.03 1.47 0.00	15.71 1.34 0.00	15.87 1.24 0.00	18.42 1.49 0.00	21.60 1.73 0.00	21.43 1.73 2.64	22.37 1.87 3.07	18.69 2.07 6.46	27.95 2.38 -3.72	33.93 2.78 -6.48	28.48 2.79 2.12	31.54 3.55 2.86	28.99 2.99 0.17	28.92 3.08 -0.95	30.22 3.79 1.95	36.54 4.17 0.60	25.89 3.02 0.00	25.59 2.68 0.00	34.96 3.33 0.00	36.34 2.76 -10.30	42.84 2.49 -19.02	47.46 2.34 -24.62
EAST_PULASKI___ESR 323781	20.74 -0.32 0.00	18.51 -0.30 0.00	15.27 -0.29 0.00	14.10 -0.27 0.00	14.37 -0.26 0.00	16.67 -0.26 0.00	19.58 -0.29 0.00	22.09 -0.25 0.00	23.35 -0.23 -0.01	22.84 -0.28 -0.03	21.49 -0.36 0.00	25.66 -0.43 -1.41	29.33 -0.53 -2.05	32.72 -0.72 -2.60	26.94 -0.61 -1.38	25.38 -0.64 -1.14	29.11 -0.80 -1.53	38.58 -0.86 -6.48	23.09 -0.51 -0.73	23.30 -0.45 -0.83	35.98 -0.48 -4.83	23.96 -0.30 -0.99	22.07 -0.33 -1.06	20.52 -0.32 -0.34
EAST_RIVER___1 323558	22.23 1.17 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.93 1.05 0.00	23.49 1.16 0.00	24.93 1.36 0.00	24.55 1.47 0.00	23.37 1.51 0.00	26.46 1.79 0.00	29.82 2.01 0.00	33.14 2.30 0.00	28.24 2.07 0.00	26.88 1.99 0.00	30.67 2.29 0.00	35.61 2.64 0.00	24.67 1.80 0.00	24.59 1.68 0.00	33.84 2.21 0.00	24.95 1.67 0.00	22.83 1.50 0.00	21.92 1.42 0.00
EAST_RIVER___2 323559	22.23 1.18 0.00	19.93 1.12 0.00	16.40 0.84 0.00	15.08 0.71 0.00	15.33 0.70 0.00	17.79 0.87 0.00	20.96 1.08 0.00	23.51 1.17 0.00	24.95 1.38 0.00	24.59 1.51 0.00	23.41 1.55 0.00	26.50 1.83 0.00	29.85 2.04 0.00	33.20 2.36 0.00	28.28 2.11 0.00	26.94 2.05 0.00	30.74 2.36 0.00	35.69 2.72 0.00	24.72 1.85 0.00	24.63 1.72 0.00	33.88 2.25 0.00	24.98 1.71 0.00	22.85 1.52 0.00	21.94 1.44 0.00
EAST___DELAWARE_HYD 23607	21.59 0.53 0.00	19.30 0.49 0.00	15.89 0.33 0.00	14.61 0.24 0.00	14.85 0.22 0.00	17.24 0.31 0.00	20.29 0.42 0.00	22.80 0.47 0.00	24.14 0.57 0.00	23.71 0.64 0.00	22.46 0.61 0.00	25.40 0.73 0.00	28.47 0.65 0.00	31.85 1.00 0.00	27.16 0.99 0.00	25.94 1.05 0.00	29.61 1.23 0.00	34.42 1.45 0.00	23.89 1.02 0.00	23.85 0.94 0.00	32.84 1.21 0.00	24.20 0.92 0.00	22.11 0.77 0.00	21.20 0.71 0.00
EIGHT_POINT___WT_PWR 323820	20.98 -0.07 0.00	18.64 -0.17 0.00	15.13 -0.44 0.00	14.03 -0.34 0.00	14.25 -0.38 0.00	16.63 -0.29 0.00	19.57 -0.31 0.00	22.53 0.20 0.00	23.93 0.37 0.01	23.49 0.44 0.03	21.96 0.11 0.00	23.84 0.30 1.13	26.46 0.28 1.63	28.99 0.21 2.07	25.50 0.42 1.09	24.38 0.39 0.90	27.43 0.28 1.22	27.91 0.13 5.19	22.44 0.15 0.58	22.51 0.25 0.66	28.45 0.65 3.83	22.89 0.40 0.78	20.82 0.33 0.84	20.68 0.46 0.27
ELBRIDGE_115KV_TB2 80188	20.84 -0.22 0.00	18.60 -0.21 0.00	15.30 -0.27 0.00	14.15 -0.23 0.00	14.41 -0.22 0.00	16.70 -0.23 0.00	19.65 -0.23 0.00	22.18 -0.16 0.00	23.44 -0.14 0.00	22.94 -0.15 -0.01	21.66 -0.20 0.00	24.80 -0.20 -0.32	28.04 -0.24 -0.46	31.19 -0.25 -0.60	26.30 -0.19 -0.32	25.02 -0.13 -0.27	28.54 -0.19 -0.34	34.21 -0.21 -1.45	22.96 -0.09 -0.17	22.98 -0.12 -0.19	32.69 -0.06 -1.12	23.40 -0.10 -0.23	21.45 -0.12 -0.25	20.46 -0.11 -0.07
ELEC_TRO_TEK 24086	36.62 1.33 -14.23	27.27 1.25 -7.22	16.56 0.99 0.00	15.21 0.84 0.00	15.43 0.80 0.00	17.90 0.97 0.00	20.99 1.12 0.00	34.99 1.14 -11.51	38.17 1.25 -13.34	52.63 1.40 -28.15	58.91 1.64 -35.41	33.08 1.92 -6.48	41.16 2.00 -11.35	48.38 2.36 -15.18	28.99 2.07 -0.75	39.17 2.07 -12.20	64.93 2.43 -34.12	38.22 2.65 -2.61	24.73 1.86 0.00	24.54 1.63 0.00	33.84 2.21 0.00	35.46 1.88 -10.30	42.07 1.72 -19.02	46.76 1.64 -24.62
ELLENBURG_WT_PWR 323604	21.60 0.55 0.00	19.32 0.52 0.00	16.07 0.51 0.00	14.86 0.49 0.00	15.11 0.48 0.00	17.43 0.50 0.00	20.46 0.58 0.00	22.85 0.51 0.00	23.93 0.36 0.00	23.32 0.24 0.00	21.96 0.11 0.00	24.86 0.19 0.00	27.97 0.16 0.00	31.15 0.30 0.00	26.17 0.01 0.00	24.36 -0.53 0.00	28.76 0.38 0.00	33.69 0.72 0.00	23.27 0.40 0.00	23.26 0.35 0.00	31.85 0.22 0.00	23.30 0.02 0.00	21.34 0.01 0.00	20.29 -0.21 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.05 -0.01 0.00	18.65 -0.15 0.00	15.13 -0.43 0.00	13.99 -0.38 0.00	14.28 -0.34 0.00	16.64 -0.29 0.00	19.46 -0.42 0.00	22.23 -0.10 0.00	23.52 -0.03 0.02	23.14 0.10 0.04	21.79 -0.06 0.00	23.09 0.03 1.61	25.23 -0.25 2.33	27.32 -0.56 2.96	24.27 -0.33 1.57	23.39 -0.21 1.29	26.23 -0.40 1.75	24.79 -0.75 7.43	21.60 -0.44 0.83	21.36 -0.60 0.94	25.50 -0.65 5.49	21.70 -0.45 1.12	19.76 -0.37 1.20	20.04 -0.06 0.39
EMPIRE_CC_1 323656	21.69 0.64 0.00	19.41 0.60 0.00	16.02 0.46 0.00	14.78 0.40 0.00	15.03 0.40 0.00	17.38 0.45 0.00	20.35 0.48 0.00	22.68 0.34 0.00	23.92 0.35 0.00	23.44 0.35 0.00	22.32 0.47 0.00	25.15 0.48 0.00	28.33 0.51 0.00	31.52 0.68 0.00	26.70 0.53 0.00	25.23 0.34 0.00	28.90 0.52 0.00	33.60 0.63 0.00	23.39 0.52 0.00	23.55 0.64 0.00	32.46 0.83 0.00	23.94 0.66 0.00	22.05 0.71 0.00	21.14 0.64 0.00
EMPIRE_CC_2 323658	21.69 0.64 0.00	19.41 0.60 0.00	16.02 0.46 0.00	14.78 0.40 0.00	15.03 0.40 0.00	17.38 0.45 0.00	20.35 0.48 0.00	22.68 0.34 0.00	23.92 0.35 0.00	23.44 0.35 0.00	22.32 0.47 0.00	25.15 0.48 0.00	28.33 0.51 0.00	31.52 0.68 0.00	26.70 0.53 0.00	25.23 0.34 0.00	28.90 0.52 0.00	33.60 0.63 0.00	23.39 0.52 0.00	23.55 0.64 0.00	32.46 0.83 0.00	23.94 0.66 0.00	22.05 0.71 0.00	21.14 0.64 0.00
ENORWICH_115KV_TB1 80156	21.98 0.93 0.00	19.59 0.78 0.00	16.11 0.54 0.00	14.99 0.62 0.00	15.29 0.66 0.00	17.87 0.94 0.00	21.12 1.24 0.00	23.96 1.62 0.00	24.98 1.42 0.00	24.40 1.33 0.01	22.90 1.05 0.00	25.56 1.24 0.35	28.72 1.40 0.50	31.54 1.33 0.63	26.94 1.10 0.34	25.73 1.12 0.28	29.66 1.65 0.38	33.39 2.02 1.60	24.31 1.62 0.18	24.44 1.73 0.20	32.96 2.50 1.17	24.84 1.80 0.24	22.64 1.57 0.25	21.80 1.39 0.08

ERIE_ST__34_KV_TB1-2 80199	21.26 0.20 0.00	18.84 0.03 0.00	15.29 -0.28 0.00	14.13 -0.24 0.00	14.42 -0.21 0.00	16.80 -0.13 0.00	19.69 -0.19 0.00	22.53 0.20 0.00	23.86 0.31 0.02	23.47 0.43 0.04	22.11 0.25 0.00	23.46 0.36 1.56	25.68 0.12 2.25	27.83 -0.16 2.85	24.66 0.00 1.51	23.76 0.12 1.24	26.68 -0.01 1.69	25.51 -0.30 7.17	21.93 -0.14 0.80	21.70 -0.31 0.91	26.10 -0.24 5.29	22.01 -0.17 1.08	20.03 -0.14 1.16	20.24 0.12 0.38
ERIE_WT_PWR 323693	21.15 0.09 0.00	18.75 -0.06 0.00	15.21 -0.35 0.00	14.06 -0.31 0.00	14.35 -0.28 0.00	16.72 -0.21 0.00	19.57 -0.30 0.00	22.37 0.03 0.00	23.67 0.12 0.02	23.27 0.22 0.04	21.91 0.06 0.00	23.26 0.17 1.58	25.47 -0.06 2.28	27.61 -0.35 2.88	24.51 -0.13 1.53	23.59 -0.04 1.26	26.45 -0.22 1.71	25.18 -0.54 7.24	21.78 -0.28 0.81	21.58 -0.41 0.92	25.88 -0.40 5.35	21.89 -0.29 1.10	19.94 -0.22 1.18	20.16 0.05 0.38
ESPRGFLD_115KV_TB1 80157	22.21 1.16 0.00	19.81 1.00 0.00	16.31 0.75 0.00	15.07 0.69 0.00	15.37 0.74 0.00	17.87 0.94 0.00	21.07 1.20 0.00	23.80 1.46 0.00	25.14 1.57 0.00	24.60 1.52 0.00	23.10 1.25 0.00	26.06 1.39 0.00	29.43 1.61 0.00	32.55 1.70 0.00	27.62 1.45 0.00	26.38 1.50 0.00	29.93 1.55 0.00	34.71 1.74 0.00	24.11 1.23 0.00	24.11 1.20 0.00	33.40 1.77 0.00	24.61 1.33 0.00	22.48 1.15 0.00	21.63 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.33 0.27 0.00	19.03 0.22 0.00	15.64 0.07 0.00	14.47 0.10 0.00	14.73 0.10 0.00	17.12 0.19 0.00	20.17 0.29 0.00	22.81 0.47 0.00	24.06 0.49 0.00	23.50 0.42 0.01	22.12 0.26 0.00	24.63 0.30 0.33	27.66 0.32 0.48	30.60 0.36 0.61	26.20 0.35 0.32	25.01 0.38 0.26	28.45 0.43 0.36	31.98 0.54 1.53	23.20 0.49 0.17	23.24 0.52 0.19	31.36 0.85 1.11	23.62 0.57 0.23	21.55 0.46 0.24	20.84 0.42 0.08
ETNA____115KV_TB2 80207	21.33 0.27 0.00	19.03 0.22 0.00	15.64 0.07 0.00	14.47 0.10 0.00	14.73 0.10 0.00	17.12 0.19 0.00	20.17 0.29 0.00	22.81 0.47 0.00	24.06 0.49 0.00	23.50 0.42 0.01	22.12 0.26 0.00	24.63 0.30 0.33	27.66 0.32 0.48	30.60 0.36 0.61	26.20 0.35 0.32	25.01 0.38 0.26	28.45 0.43 0.36	31.98 0.54 1.53	23.20 0.49 0.17	23.24 0.52 0.19	31.36 0.85 1.11	23.62 0.57 0.23	21.55 0.46 0.24	20.84 0.42 0.08
EUCLID____115KV_TB2 356179	20.65 -0.41 0.00	18.43 -0.38 0.00	15.19 -0.37 0.00	14.03 -0.34 0.00	14.28 -0.35 0.00	16.56 -0.36 0.00	19.44 -0.43 0.00	21.93 -0.40 0.00	23.27 -0.30 0.00	22.78 -0.29 0.01	21.54 -0.31 0.00	23.91 -0.34 0.42	26.86 -0.35 0.61	29.65 -0.43 0.77	25.46 -0.31 0.40	24.27 -0.30 0.33	27.56 -0.35 0.47	30.55 -0.41 2.01	22.44 -0.21 0.21	22.44 -0.23 0.24	30.00 -0.24 1.39	22.81 -0.19 0.29	20.82 -0.21 0.31	20.14 -0.24 0.11
E_CANADA_CAP_HY 24051	22.62 1.56 0.00	20.16 1.35 0.00	16.62 1.05 0.00	15.35 0.98 0.00	15.67 1.04 0.00	18.19 1.26 0.00	21.43 1.55 0.00	24.14 1.80 0.00	25.42 1.85 0.00	24.78 1.70 0.00	23.27 1.42 0.00	26.20 1.53 0.00	29.57 1.76 0.00	32.73 1.89 0.00	27.74 1.57 0.00	26.51 1.62 0.00	30.12 1.74 0.00	34.96 1.99 0.00	24.30 1.42 0.00	24.36 1.45 0.00	33.80 2.17 0.00	24.97 1.69 0.00	22.80 1.47 0.00	21.95 1.45 0.00
E_CANADA_MHWK_HY 24050	20.92 -0.13 0.00	18.71 -0.10 0.00	15.30 -0.26 0.00	14.13 -0.24 0.00	14.39 -0.23 0.00	16.70 -0.22 0.00	19.66 -0.22 0.00	22.06 -0.28 0.00	23.19 -0.37 0.00	22.77 -0.31 0.00	21.68 -0.18 0.00	24.54 -0.13 0.00	27.56 -0.25 0.00	30.50 -0.34 0.00	25.81 -0.36 0.00	24.34 -0.55 0.00	27.88 -0.50 0.00	32.57 -0.40 0.00	22.83 -0.05 0.00	23.10 0.19 0.00	31.98 0.35 0.00	23.54 0.26 0.00	21.58 0.24 0.00	20.63 0.13 0.00
E_FISHKILL____LBMP 23776	22.05 0.99 0.00	19.73 0.92 0.00	16.25 0.69 0.00	14.96 0.58 0.00	15.20 0.57 0.00	17.63 0.70 0.00	20.73 0.85 0.00	23.25 0.91 0.00	24.60 1.03 0.00	24.19 1.11 0.00	23.00 1.15 0.00	26.03 1.36 0.00	29.31 1.50 0.00	32.62 1.77 0.00	27.75 1.58 0.00	26.38 1.49 0.00	30.14 1.76 0.00	35.01 2.04 0.00	24.30 1.43 0.00	24.28 1.36 0.00	33.42 1.79 0.00	24.63 1.35 0.00	22.55 1.22 0.00	21.65 1.15 0.00
FALCON____SEABRD_CC1 323796	21.85 0.79 0.00	19.56 0.75 0.00	16.24 0.67 0.00	15.03 0.66 0.00	15.29 0.65 0.00	17.63 0.70 0.00	20.71 0.84 0.00	23.12 0.79 0.00	24.21 0.63 0.00	23.58 0.50 0.00	22.21 0.35 0.00	25.15 0.49 0.00	28.30 0.49 0.00	31.57 0.72 0.00	26.52 0.35 0.00	24.64 -0.25 0.00	29.08 0.70 0.00	34.12 1.15 0.00	23.62 0.75 0.00	23.61 0.70 0.00	32.32 0.68 0.00	23.63 0.35 0.00	21.62 0.29 0.00	20.55 0.05 0.00
FALCON____SEABRD_CC2 323797	21.85 0.79 0.00	19.56 0.75 0.00	16.24 0.67 0.00	15.03 0.66 0.00	15.29 0.65 0.00	17.63 0.70 0.00	20.71 0.84 0.00	23.12 0.79 0.00	24.21 0.63 0.00	23.58 0.50 0.00	22.21 0.35 0.00	25.15 0.49 0.00	28.30 0.49 0.00	31.57 0.72 0.00	26.52 0.35 0.00	24.64 -0.25 0.00	29.08 0.70 0.00	34.12 1.15 0.00	23.62 0.75 0.00	23.61 0.70 0.00	32.32 0.68 0.00	23.63 0.35 0.00	21.62 0.29 0.00	20.55 0.05 0.00
FAR ROCKAWAY____4 23548	62.01 1.58 -39.37	40.23 1.45 -19.97	16.73 1.16 0.00	15.36 0.99 0.00	15.57 0.94 0.00	18.07 1.14 0.00	21.21 1.34 0.00	55.48 1.31 -31.83	61.82 1.33 -36.92	102.49 1.53 -77.87	104.37 1.57 -80.95	33.01 1.86 -6.48	60.47 1.96 -30.70	74.24 2.31 -41.09	30.25 2.00 -2.08	55.29 2.02 -28.38	116.71 2.38 -85.94	42.75 2.56 -7.22	24.72 1.85 0.00	24.52 1.61 0.00	34.04 2.41 0.00	35.61 2.03 -10.30	42.17 1.81 -19.02	46.84 1.72 -24.62
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.25 1.19 0.00	19.93 1.12 0.00	16.40 0.84 0.00	15.08 0.71 0.00	15.32 0.70 0.00	17.79 0.86 0.00	20.95 1.07 0.00	23.53 1.19 0.00	24.96 1.39 0.00	24.58 1.50 0.00	23.39 1.54 0.00	26.49 1.82 0.00	29.86 2.04 0.00	33.19 2.34 0.00	28.27 2.11 0.00	26.91 2.02 0.00	30.71 2.33 0.00	35.65 2.68 0.00	24.70 1.83 0.00	24.62 1.71 0.00	33.87 2.24 0.00	24.97 1.70 0.00	22.86 1.52 0.00	21.94 1.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.26 1.21 0.00	19.93 1.13 0.00	16.41 0.85 0.00	15.09 0.72 0.00	15.33 0.70 0.00	17.79 0.87 0.00	20.96 1.08 0.00	23.53 1.20 0.00	24.96 1.39 0.00	24.58 1.50 0.00	23.40 1.55 0.00	26.49 1.82 0.00	29.87 2.06 0.00	33.20 2.35 0.00	28.28 2.11 0.00	26.91 2.02 0.00	30.72 2.34 0.00	35.66 2.69 0.00	24.71 1.84 0.00	24.63 1.72 0.00	33.89 2.26 0.00	24.99 1.71 0.00	22.87 1.54 0.00	21.95 1.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.24 1.19 0.00	19.92 1.11 0.00	16.40 0.84 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.94 1.06 0.00	23.51 1.18 0.00	24.94 1.37 0.00	24.56 1.48 0.00	23.38 1.53 0.00	26.47 1.80 0.00	29.85 2.03 0.00	33.17 2.32 0.00	28.25 2.09 0.00	26.89 2.00 0.00	30.69 2.31 0.00	35.63 2.66 0.00	24.68 1.81 0.00	24.60 1.69 0.00	33.84 2.21 0.00	24.96 1.68 0.00	22.84 1.51 0.00	21.92 1.42 0.00

FARRAGUT___LBMP 323566	22.23 1.17 0.00	19.90 1.09 0.00	16.39 0.83 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.05 0.00	23.49 1.15 0.00	24.92 1.34 0.00	24.54 1.46 0.00	23.36 1.50 0.00	26.44 1.77 0.00	29.81 2.00 0.00	33.13 2.29 0.00	28.23 2.06 0.00	26.86 1.97 0.00	30.65 2.27 0.00	35.59 2.62 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.93 1.66 0.00	22.83 1.49 0.00	21.91 1.41 0.00
FENNER___WINDPWR 24204	21.33 0.27 0.00	19.03 0.22 0.00	15.71 0.14 0.00	14.54 0.16 0.00	14.81 0.18 0.00	17.19 0.26 0.00	20.22 0.35 0.00	22.80 0.46 0.00	24.12 0.55 0.00	23.56 0.48 0.00	22.23 0.38 0.00	25.06 0.39 0.00	28.28 0.46 0.00	31.22 0.38 0.00	26.45 0.29 0.00	25.15 0.26 0.00	28.69 0.33 0.02	33.32 0.43 0.09	23.26 0.39 0.00	23.39 0.48 0.00	32.37 0.74 0.00	23.79 0.52 0.00	21.74 0.41 0.00	20.84 0.35 0.01
FIBERTEK___ENERGY 23856	20.90 -0.16 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.76 -0.16 0.00	19.71 -0.17 0.00	22.24 -0.10 0.00	23.52 -0.06 0.00	23.03 -0.06 -0.01	21.75 -0.11 0.00	24.84 -0.10 -0.28	28.11 -0.10 -0.40	31.23 -0.12 -0.51	26.37 -0.08 -0.28	25.07 -0.05 -0.22	28.62 -0.06 -0.30	34.16 -0.05 -1.25	23.04 0.03 -0.15	23.08 0.00 -0.16	32.68 0.08 -0.96	23.50 0.03 -0.20	21.52 -0.02 -0.21	20.52 -0.04 -0.06
FITZPATRICK____ 23598	20.33 -0.73 0.00	18.15 -0.66 0.00	14.97 -0.59 0.00	13.83 -0.54 0.00	14.08 -0.55 0.00	16.32 -0.61 0.00	19.15 -0.72 0.00	21.59 -0.75 0.00	22.67 -0.77 0.12	22.02 -0.76 0.31	21.11 -0.75 0.00	10.66 -0.82 13.19	7.82 -0.90 19.10	5.60 -1.02 24.22	12.48 -0.84 12.84	13.53 -0.79 10.57	13.11 -0.91 14.36	-28.96 -1.06 60.88	15.36 -0.70 6.81	14.45 -0.71 7.75	-14.24 -0.94 44.94	13.36 -0.70 9.21	10.80 -0.66 9.87	16.64 -0.64 3.22
FLOWRFLD_69_KV_BK1 356044	19.29 1.38 3.15	18.52 1.31 1.60	16.62 1.06 0.00	15.29 0.92 0.00	15.47 0.84 0.00	17.94 1.02 0.00	20.97 1.10 0.00	20.82 1.03 2.55	21.73 1.12 2.95	18.14 1.29 6.23	27.40 1.62 -3.93	33.06 1.91 -6.48	27.65 1.87 2.03	30.53 2.42 2.74	28.07 2.07 0.17	28.03 2.11 -1.02	29.20 2.54 1.72	34.90 2.50 0.58	24.79 1.91 0.00	24.48 1.57 0.00	33.73 2.10 0.00	35.51 1.93 -10.30	42.16 1.81 -19.02	46.88 1.76 -24.62
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.29 1.23 0.00	19.93 1.12 0.00	16.40 0.84 0.00	15.10 0.73 0.00	15.35 0.72 0.00	17.80 0.87 0.00	20.96 1.08 0.00	23.53 1.20 0.00	24.90 1.33 0.00	24.48 1.41 0.00	23.27 1.42 0.00	26.35 1.68 0.00	29.69 1.87 0.00	33.03 2.19 0.00	28.13 1.96 0.00	26.77 1.88 0.00	30.59 2.21 0.00	35.54 2.57 0.00	24.68 1.81 0.00	24.64 1.73 0.00	33.92 2.29 0.00	24.98 1.70 0.00	22.85 1.51 0.00	21.91 1.41 0.00
FORT ORANGE____ 23900	21.61 0.56 0.00	19.33 0.52 0.00	15.95 0.39 0.00	14.75 0.38 0.00	15.01 0.38 0.00	17.32 0.39 0.00	20.32 0.44 0.00	22.73 0.39 0.00	23.99 0.42 0.00	23.50 0.41 0.00	22.33 0.47 0.00	25.17 0.50 0.00	28.30 0.48 0.00	31.52 0.67 0.00	26.73 0.56 0.00	25.32 0.43 0.00	29.02 0.64 0.00	33.77 0.80 0.00	23.51 0.64 0.00	23.64 0.73 0.00	32.63 1.00 0.00	24.03 0.76 0.00	22.06 0.73 0.00	21.13 0.63 0.00
FORT_DRUM_COGEN 23780	21.38 0.32 0.00	19.08 0.27 0.00	15.79 0.23 0.00	14.56 0.19 0.00	14.85 0.22 0.00	17.25 0.32 0.00	20.31 0.43 0.00	22.91 0.58 0.00	24.15 0.57 0.00	23.42 0.33 -0.01	21.91 0.06 0.00	25.22 -0.01 -0.57	28.39 -0.24 -0.82	31.23 -0.66 -1.04	26.02 -0.69 -0.55	24.54 -0.80 -0.45	27.94 -1.05 -0.60	34.51 -1.01 -2.54	22.61 -0.55 -0.29	22.93 -0.31 -0.33	33.41 -0.12 -1.90	23.60 -0.06 -0.39	21.64 -0.11 -0.42	20.59 -0.04 -0.13
FPL_FAR_ROCK_GT1 24212	62.01 1.58 -39.37	40.22 1.45 -19.97	16.73 1.16 0.00	15.36 0.99 0.00	15.57 0.94 0.00	18.07 1.14 0.00	21.21 1.34 0.00	55.46 1.29 -31.83	61.82 1.33 -36.92	102.48 1.53 -77.87	104.37 1.57 -80.95	33.00 1.85 -6.48	60.46 1.95 -30.70	74.22 2.28 -41.09	30.23 1.98 -2.08	55.28 2.01 -28.38	116.70 2.38 -85.94	42.75 2.56 -7.22	24.72 1.85 0.00	24.51 1.60 0.00	34.03 2.40 0.00	35.61 2.03 -10.30	42.17 1.81 -19.02	46.84 1.72 -24.62
FPL_FAR_ROCK_GT2 23815	62.01 1.58 -39.37	40.22 1.45 -19.97	16.73 1.16 0.00	15.36 0.99 0.00	15.57 0.94 0.00	18.07 1.14 0.00	21.21 1.34 0.00	55.46 1.29 -31.83	61.82 1.33 -36.92	102.48 1.53 -77.87	104.37 1.57 -80.95	33.00 1.85 -6.48	60.46 1.95 -30.70	74.22 2.28 -41.09	30.23 1.98 -2.08	55.28 2.01 -28.38	116.70 2.38 -85.94	42.75 2.56 -7.22	24.72 1.85 0.00	24.51 1.60 0.00	34.03 2.40 0.00	35.61 2.03 -10.30	42.17 1.81 -19.02	46.84 1.72 -24.62
FRANKLIN_FALL_HYD 24054	21.64 0.58 0.00	19.32 0.51 0.00	16.09 0.53 0.00	14.88 0.51 0.00	15.13 0.50 0.00	17.47 0.55 0.00	20.53 0.66 0.00	22.98 0.64 0.00	24.05 0.48 0.00	23.41 0.32 0.00	21.98 0.13 0.00	24.86 0.19 0.00	28.01 0.20 0.00	31.11 0.26 0.00	26.18 0.01 0.00	24.50 -0.39 0.00	28.68 0.30 0.00	33.53 0.56 0.00	23.13 0.26 0.00	23.17 0.26 0.00	31.81 0.18 0.00	23.29 0.01 0.00	21.31 -0.02 0.00	20.32 -0.18 0.00
FREEPORT_EQUS_GT1 23764	34.45 1.45 -11.95	26.20 1.33 -6.06	16.63 1.07 0.00	15.28 0.90 0.00	15.49 0.86 0.00	17.96 1.04 0.00	21.08 1.20 0.00	33.22 1.22 -9.66	36.10 1.33 -11.21	48.18 1.46 -23.63	54.86 1.73 -31.28	33.09 1.94 -6.48	39.30 1.90 -9.59	45.95 2.27 -12.83	28.84 2.04 -0.63	37.72 2.10 -10.73	60.17 2.37 -29.42	37.83 2.67 -2.19	24.79 1.92 0.00	24.57 1.66 0.00	33.92 2.29 0.00	35.64 2.06 -10.30	42.23 1.87 -19.02	46.91 1.78 -24.62
FREEPORT___CT2 23818	34.45 1.45 -11.95	26.20 1.33 -6.06	16.63 1.07 0.00	15.28 0.90 0.00	15.49 0.86 0.00	17.96 1.04 0.00	21.08 1.20 0.00	33.22 1.22 -9.66	36.10 1.33 -11.21	48.18 1.46 -23.63	54.86 1.73 -31.28	33.09 1.94 -6.48	39.30 1.90 -9.59	45.95 2.27 -12.83	28.84 2.04 -0.63	37.72 2.10 -10.73	60.17 2.37 -29.42	37.83 2.67 -2.19	24.79 1.92 0.00	24.57 1.66 0.00	33.92 2.29 0.00	35.64 2.06 -10.30	42.23 1.87 -19.02	46.91 1.78 -24.62
FRESHKLS_33_KV_LOAD 356253	22.25 1.19 0.00	19.93 1.12 0.00	16.39 0.83 0.00	15.10 0.73 0.00	15.50 0.87 0.00	18.00 1.07 0.00	20.93 1.06 0.00	23.43 1.09 0.00	24.80 1.23 0.00	24.41 1.33 0.00	23.29 1.43 0.00	26.36 1.69 0.00	29.70 1.89 0.00	33.03 2.18 0.00	28.16 1.99 0.00	26.78 1.90 0.00	30.59 2.21 0.00	35.65 2.68 0.00	24.72 1.85 0.00	24.64 1.73 0.00	33.91 2.28 0.00	25.02 1.75 0.00	22.90 1.57 0.00	21.97 1.47 0.00
FULTON COGEN____ 23766	20.57 -0.49 0.00	18.35 -0.45 0.00	15.14 -0.43 0.00	13.98 -0.40 0.00	14.24 -0.39 0.00	16.51 -0.42 0.00	19.38 -0.49 0.00	21.87 -0.47 0.00	23.14 -0.44 -0.02	22.68 -0.44 -0.04	21.40 -0.45 0.00	25.77 -0.53 -1.64	29.61 -0.57 -2.37	33.17 -0.69 -3.00	27.24 -0.53 -1.60	25.70 -0.51 -1.32	29.56 -0.59 -1.77	39.83 -0.65 -7.51	23.32 -0.40 -0.85	23.48 -0.40 -0.96	36.74 -0.48 -5.60	24.06 -0.36 -1.15	22.19 -0.38 -1.23	20.51 -0.38 -0.39



FULTON___LFGE 323630	23.01 1.95 0.00	20.52 1.71 0.00	16.90 1.34 0.00	15.60 1.23 0.00	15.92 1.29 0.00	18.50 1.57 0.00	21.83 1.96 0.00	24.57 2.23 0.00	25.74 2.17 0.00	24.95 1.87 0.00	23.33 1.47 0.00	26.11 1.44 0.00	29.79 1.98 0.00	32.55 1.71 0.00	27.51 1.34 0.00	26.31 1.42 0.00	30.06 1.68 0.00	35.18 2.21 0.00	24.70 1.82 0.00	25.11 2.20 0.00	34.94 3.31 0.00	25.71 2.44 0.00	23.41 2.08 0.00	22.43 1.94 0.00
G.F.CEMENT___DRP 24184	22.66 1.60 0.00	20.27 1.46 0.00	16.70 1.13 0.00	15.40 1.04 0.00	15.70 1.07 0.00	18.19 1.26 0.00	21.44 1.57 0.00	24.02 1.68 0.00	25.35 1.77 0.00	24.80 1.72 0.00	23.53 1.68 0.00	26.57 1.90 0.00	29.95 2.13 0.00	33.40 2.56 0.00	28.14 1.97 0.00	26.62 1.73 0.00	30.75 2.37 0.00	35.84 2.87 0.00	24.91 2.04 0.00	25.11 2.20 0.00	34.57 2.94 0.00	25.52 2.24 0.00	23.37 2.04 0.00	22.36 1.86 0.00
GARDENVILLE___LBMP 24039	21.10 0.03 0.00	18.70 -0.11 0.00	15.17 -0.40 0.00	14.03 -0.34 0.00	14.32 -0.31 0.00	16.68 -0.25 0.00	19.53 -0.35 0.00	22.32 -0.02 0.00	23.61 0.06 0.02	23.22 0.18 0.04	21.86 0.00 0.00	23.18 0.10 1.58	25.37 -0.16 2.29	27.49 -0.46 2.90	24.40 -0.24 1.54	23.50 -0.12 1.27	26.36 -0.30 1.72	25.07 -0.62 7.28	21.70 -0.36 0.81	21.48 -0.51 0.93	25.74 -0.51 5.37	21.82 -0.36 1.10	19.86 -0.30 1.18	20.11 0.00 0.39
GARDNVLA_35_KV_LD 355827	21.17 0.11 0.00	18.76 -0.05 0.00	15.22 -0.35 0.00	14.07 -0.30 0.00	14.36 -0.27 0.00	16.73 -0.20 0.00	19.59 -0.29 0.00	22.38 0.05 0.00	23.69 0.14 0.02	23.30 0.26 0.04	21.94 0.08 0.00	23.29 0.19 1.58	25.50 -0.04 2.28	27.63 -0.33 2.88	24.51 -0.13 1.53	23.62 -0.01 1.26	26.50 -0.18 1.71	25.25 -0.49 7.23	21.79 -0.27 0.81	21.57 -0.42 0.92	25.91 -0.39 5.33	21.92 -0.26 1.10	19.95 -0.21 1.17	20.18 0.07 0.38
GELCKHM___115KV_LOAD 80723	20.75 -0.30 0.00	18.52 -0.29 0.00	15.26 -0.30 0.00	14.09 -0.28 0.00	14.35 -0.28 0.00	16.65 -0.28 0.00	19.55 -0.32 0.00	22.06 -0.27 0.00	23.39 -0.18 0.00	22.89 -0.19 0.00	21.63 -0.22 0.00	24.43 -0.24 0.00	27.56 -0.25 0.00	30.55 -0.29 0.00	25.96 -0.21 0.00	24.70 -0.19 0.00	28.14 -0.22 0.03	32.57 -0.26 0.14	22.76 -0.11 0.00	22.78 -0.13 0.00	31.53 -0.10 0.00	23.17 -0.10 0.00	21.21 -0.13 0.00	20.32 -0.16 0.01
GENERAL___MILLS 23808	21.14 0.08 0.00	18.74 -0.07 0.00	15.20 -0.37 0.00	14.05 -0.32 0.00	14.34 -0.29 0.00	16.71 -0.22 0.00	19.55 -0.32 0.00	22.35 0.02 0.00	23.65 0.10 0.02	23.26 0.22 0.04	21.90 0.04 0.00	23.23 0.14 1.58	25.44 -0.10 2.28	27.56 -0.40 2.88	24.45 -0.19 1.53	23.56 -0.07 1.26	26.43 -0.24 1.71	25.16 -0.57 7.24	21.74 -0.31 0.81	21.52 -0.47 0.92	25.83 -0.45 5.35	21.87 -0.31 1.10	19.90 -0.25 1.18	20.15 0.03 0.38
GE_PLASTICS___DRP 24183	21.59 0.54 0.00	19.31 0.50 0.00	15.94 0.37 0.00	14.72 0.35 0.00	14.98 0.35 0.00	17.30 0.37 0.00	20.29 0.42 0.00	22.72 0.38 0.00	23.98 0.41 0.00	23.49 0.41 0.00	22.31 0.46 0.00	25.19 0.52 0.00	28.37 0.56 0.00	31.57 0.72 0.00	26.78 0.61 0.00	25.38 0.49 0.00	29.04 0.66 0.00	33.76 0.78 0.00	23.49 0.62 0.00	23.59 0.68 0.00	32.53 0.90 0.00	23.96 0.69 0.00	22.00 0.66 0.00	21.08 0.59 0.00
GILBOA___1 23756	21.64 0.58 0.00	19.36 0.55 0.00	15.96 0.40 0.00	14.71 0.34 0.00	14.97 0.34 0.00	17.33 0.40 0.00	20.35 0.48 0.00	22.84 0.50 0.00	24.13 0.56 0.00	23.66 0.58 0.00	22.46 0.60 0.00	25.37 0.70 0.00	28.58 0.76 0.00	31.75 0.91 0.00	26.96 0.79 0.00	25.59 0.70 0.00	29.17 0.79 0.00	33.90 0.93 0.00	23.55 0.68 0.00	23.60 0.69 0.00	32.57 0.94 0.00	24.01 0.73 0.00	22.03 0.69 0.00	21.14 0.64 0.00
GILBOA___2 23757	21.64 0.58 0.00	19.36 0.55 0.00	15.96 0.40 0.00	14.71 0.34 0.00	14.97 0.34 0.00	17.33 0.40 0.00	20.35 0.48 0.00	22.84 0.50 0.00	24.13 0.56 0.00	23.66 0.58 0.00	22.46 0.60 0.00	25.37 0.70 0.00	28.58 0.76 0.00	31.75 0.91 0.00	26.96 0.79 0.00	25.59 0.70 0.00	29.17 0.79 0.00	33.90 0.93 0.00	23.55 0.68 0.00	23.60 0.69 0.00	32.57 0.94 0.00	24.01 0.73 0.00	22.03 0.69 0.00	21.14 0.64 0.00
GILBOA___3 23758	21.64 0.58 0.00	19.36 0.55 0.00	15.96 0.40 0.00	14.71 0.34 0.00	14.97 0.34 0.00	17.33 0.40 0.00	20.35 0.48 0.00	22.84 0.50 0.00	24.13 0.56 0.00	23.66 0.58 0.00	22.46 0.60 0.00	25.37 0.70 0.00	28.58 0.76 0.00	31.75 0.91 0.00	26.96 0.79 0.00	25.59 0.70 0.00	29.17 0.79 0.00	33.90 0.93 0.00	23.55 0.68 0.00	23.60 0.69 0.00	32.57 0.94 0.00	24.01 0.73 0.00	22.03 0.69 0.00	21.14 0.64 0.00
GILBOA___4 23759	21.64 0.58 0.00	19.36 0.55 0.00	15.96 0.40 0.00	14.71 0.34 0.00	14.97 0.34 0.00	17.33 0.40 0.00	20.35 0.48 0.00	22.84 0.50 0.00	24.13 0.56 0.00	23.66 0.58 0.00	22.46 0.60 0.00	25.37 0.70 0.00	28.58 0.76 0.00	31.75 0.91 0.00	26.96 0.79 0.00	25.59 0.70 0.00	29.17 0.79 0.00	33.90 0.93 0.00	23.55 0.68 0.00	23.60 0.69 0.00	32.57 0.94 0.00	24.01 0.73 0.00	22.03 0.69 0.00	21.14 0.64 0.00
GILBOA___ 23599	21.64 0.58 0.00	19.36 0.55 0.00	15.96 0.40 0.00	14.71 0.34 0.00	14.97 0.34 0.00	17.33 0.40 0.00	20.35 0.48 0.00	22.84 0.50 0.00	24.13 0.55 0.00	23.66 0.58 0.00	22.46 0.60 0.00	25.37 0.70 0.00	28.58 0.76 0.00	31.76 0.91 0.00	26.96 0.80 0.00	25.59 0.70 0.00	29.17 0.79 0.00	33.90 0.93 0.00	23.55 0.68 0.00	23.61 0.69 0.00	32.57 0.94 0.00	24.01 0.73 0.00	22.03 0.69 0.00	21.14 0.65 0.00
GINNA___ 23603	19.99 -1.06 0.00	17.77 -1.04 0.00	14.55 -1.01 0.00	13.43 -0.94 0.00	13.71 -0.92 0.00	15.93 -0.99 0.00	18.70 -1.17 0.00	21.22 -1.12 0.00	22.40 -1.16 0.02	21.95 -1.09 0.04	20.74 -1.12 0.00	21.57 -1.20 1.90	23.66 -1.40 2.75	25.65 -1.71 3.49	23.01 -1.32 1.85	22.17 -1.20 1.52	24.90 -1.42 2.07	22.50 -1.71 8.75	20.75 -1.14 0.98	20.57 -1.22 1.11	23.55 -1.63 6.46	20.76 -1.20 1.32	18.80 -1.12 1.42	19.04 -0.99 0.46
GLEN PARK___ 23778	21.45 0.39 0.00	19.13 0.32 0.00	15.83 0.26 0.00	14.60 0.23 0.00	14.89 0.26 0.00	17.30 0.37 0.00	20.38 0.50 0.00	23.00 0.67 0.00	24.24 0.67 0.00	23.52 0.42 -0.01	21.98 0.13 0.00	25.34 0.07 -0.60	28.53 -0.15 -0.87	31.32 -0.63 -1.10	26.07 -0.69 -0.58	24.60 -0.77 -0.48	27.98 -1.04 -0.64	34.72 -0.96 -2.71	22.67 -0.51 -0.31	23.02 -0.24 -0.35	33.68 0.03 -2.02	23.74 0.05 -0.41	21.77 -0.01 -0.45	20.68 0.04 -0.14
GLENDALE_27_KV_LOAD 356172	22.34 1.28 0.00	19.99 1.19 0.00	16.46 0.90 0.00	15.13 0.76 0.00	15.37 0.75 0.00	17.86 0.93 0.00	21.01 1.13 0.00	23.61 1.27 0.00	25.05 1.49 0.00	24.67 1.59 0.00	23.51 1.66 0.00	26.62 1.95 0.00	30.01 2.20 0.00	33.37 2.53 0.00	28.42 2.25 0.00	27.05 2.16 0.00	30.88 2.50 0.00	35.86 2.89 0.00	24.85 1.97 0.00	24.76 1.85 0.00	34.06 2.43 0.00	25.12 1.84 0.00	22.99 1.65 0.00	22.05 1.55 0.00

GLENWOOD_IC_1_G5 23712	28.58 1.33 -6.20	23.19 1.24 -3.14	16.53 0.96 0.00	15.19 0.82 0.00	15.42 0.79 0.00	17.89 0.96 0.00	21.02 1.15 0.00	28.56 1.21 -5.01	30.73 1.35 -5.81	36.82 1.49 -12.25	44.39 1.68 -20.86	33.12 1.97 -6.48	35.11 2.14 -5.16	40.13 2.39 -6.90	28.57 2.07 -0.33	34.00 2.07 -7.03	48.31 2.38 -17.55	36.68 2.57 -1.14	24.66 1.79 0.00	24.51 1.60 0.00	33.77 2.14 0.00	35.40 1.82 -10.30	42.06 1.71 -19.02	46.74 1.61 -24.62
GLENWOOD_IC_2_G1 23688	22.29 1.23 0.00	19.95 1.15 0.00	16.45 0.89 0.00	15.13 0.75 0.00	15.36 0.73 0.00	17.82 0.89 0.00	20.94 1.06 0.00	23.47 1.13 0.00	24.85 1.28 0.00	24.48 1.39 0.00	33.03 1.54 -9.63	32.96 1.81 -6.48	30.17 1.96 -0.39	33.63 2.27 -0.51	28.18 2.01 0.00	29.91 1.98 -3.05	35.46 2.29 -4.78	35.54 2.57 0.00	24.66 1.78 0.00	24.53 1.62 0.00	33.80 2.17 0.00	35.32 1.75 -10.30	41.92 1.57 -19.02	46.61 1.49 -24.62
GLENWOOD_IC_3_G1 23689	22.29 1.23 0.00	19.95 1.15 0.00	16.45 0.89 0.00	15.13 0.75 0.00	15.36 0.73 0.00	17.82 0.89 0.00	20.94 1.06 0.00	23.47 1.13 0.00	24.85 1.28 0.00	24.48 1.39 0.00	33.03 1.54 -9.63	32.96 1.81 -6.48	30.17 1.96 -0.39	33.63 2.27 -0.51	28.18 2.01 0.00	29.91 1.98 -3.05	35.46 2.29 -4.78	35.54 2.57 0.00	24.66 1.78 0.00	24.53 1.62 0.00	33.80 2.17 0.00	35.32 1.75 -10.30	41.92 1.57 -19.02	46.61 1.49 -24.62
GLENWOOD___4 23550	28.58 1.33 -6.20	23.19 1.24 -3.14	16.53 0.96 0.00	15.19 0.82 0.00	15.42 0.79 0.00	17.89 0.96 0.00	21.02 1.15 0.00	28.56 1.21 -5.01	30.73 1.35 -5.81	36.82 1.49 -12.25	44.39 1.68 -20.86	33.12 1.97 -6.48	35.11 2.14 -5.16	40.16 2.42 -6.90	28.61 2.11 -0.33	34.02 2.10 -7.03	48.36 2.43 -17.55	36.76 2.65 -1.14	24.72 1.85 0.00	24.57 1.66 0.00	33.85 2.22 0.00	35.43 1.85 -10.30	42.06 1.71 -19.02	46.74 1.61 -24.62
GLENWOOD___5 23614	28.58 1.33 -6.20	23.19 1.24 -3.14	16.53 0.96 0.00	15.19 0.82 0.00	15.42 0.79 0.00	17.89 0.96 0.00	21.02 1.15 0.00	28.56 1.21 -5.01	30.73 1.35 -5.81	36.82 1.49 -12.25	44.39 1.68 -20.86	33.12 1.97 -6.48	35.11 2.14 -5.16	40.16 2.42 -6.90	28.61 2.11 -0.33	34.02 2.10 -7.03	48.36 2.43 -17.55	36.76 2.65 -1.14	24.72 1.85 0.00	24.57 1.66 0.00	33.85 2.22 0.00	35.43 1.85 -10.30	42.06 1.71 -19.02	46.74 1.61 -24.62
GLOBAL GREEN_PORT_GT1 23814	19.64 1.85 3.27	18.88 1.73 1.66	16.97 1.40 0.00	15.64 1.27 0.00	15.80 1.17 0.00	18.35 1.42 0.00	21.51 1.63 0.00	21.32 1.62 2.64	22.27 1.76 3.06	18.59 1.97 6.46	27.85 2.28 -3.72	33.82 2.67 -6.48	28.35 2.66 2.12	31.41 3.42 2.86	28.87 2.87 0.17	28.80 2.96 -0.95	30.08 3.65 1.95	36.37 4.00 0.60	25.78 2.91 0.00	25.49 2.58 0.00	34.89 3.26 0.00	36.29 2.72 -10.30	42.80 2.45 -19.02	47.41 2.29 -24.62
GLOBE___DSASP 323697	20.36 -0.70 0.00	18.03 -0.77 0.00	14.62 -0.94 0.00	13.51 -0.86 0.00	13.80 -0.83 0.00	16.06 -0.87 0.00	18.70 -1.17 0.00	21.10 -1.24 0.00	22.23 -1.32 0.02	21.90 -1.15 0.04	20.65 -1.21 0.00	21.68 -1.27 1.72	23.56 -1.77 2.48	25.45 -2.24 3.15	22.74 -1.77 1.66	21.97 -1.56 1.36	24.57 -1.96 1.86	22.49 -2.54 7.93	20.32 -1.68 0.87	20.06 -1.86 0.99	23.38 -2.40 5.85	20.37 -1.73 1.18	18.53 -1.54 1.27	19.15 -0.94 0.41
GOETHSLN___LBMP 323567	22.15 1.09 0.00	19.84 1.03 0.00	16.34 0.77 0.00	15.00 0.64 0.00	15.23 0.60 0.00	17.67 0.74 0.00	20.84 0.96 0.00	23.40 1.07 0.00	24.82 1.25 0.00	24.44 1.36 0.00	23.27 1.42 0.00	26.35 1.68 0.00	29.74 1.92 0.00	33.03 2.18 0.00	28.13 1.96 0.00	26.76 1.87 0.00	30.54 2.16 0.00	35.46 2.49 0.00	24.57 1.70 0.00	24.49 1.58 0.00	33.69 2.06 0.00	24.84 1.56 0.00	22.73 1.40 0.00	21.82 1.33 0.00
GOLAH___69_KV_TB 1_2 80279	21.23 0.17 0.00	18.83 0.03 0.00	15.39 -0.17 0.00	14.19 -0.18 0.00	14.49 -0.14 0.00	16.87 -0.05 0.00	19.81 -0.06 0.00	22.48 0.14 0.00	23.62 0.06 0.02	23.15 0.11 0.04	21.83 -0.02 0.00	22.84 0.02 1.85	25.12 -0.02 2.68	27.14 -0.31 3.40	24.24 -0.13 1.80	23.40 -0.01 1.48	26.24 -0.13 2.01	24.24 -0.21 8.52	21.85 -0.07 0.95	21.62 -0.21 1.08	25.18 -0.16 6.29	21.91 -0.07 1.29	19.85 -0.11 1.38	20.13 0.09 0.45
GOODYEAR_LAKE_HYD 323669	21.84 0.78 0.00	19.50 0.69 0.00	16.06 0.49 0.00	14.82 0.45 0.00	15.09 0.46 0.00	17.54 0.61 0.00	20.67 0.80 0.00	23.32 0.98 0.00	24.66 1.09 0.00	24.18 1.10 0.00	22.82 0.96 0.00	25.76 1.10 0.00	29.06 1.25 0.00	32.19 1.35 0.00	27.34 1.18 0.00	26.05 1.16 0.00	29.62 1.24 0.00	34.38 1.41 0.00	23.89 1.02 0.00	23.89 0.98 0.00	33.02 1.39 0.00	24.30 1.03 0.00	22.23 0.90 0.00	21.35 0.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.26 0.21 0.00	18.98 0.17 0.00	15.57 0.01 0.00	14.40 0.03 0.00	14.64 0.01 0.00	17.04 0.11 0.00	20.04 0.17 0.00	22.70 0.36 0.00	24.03 0.46 0.00	23.54 0.47 0.01	22.20 0.35 0.00	24.64 0.43 0.47	27.59 0.45 0.67	30.45 0.45 0.85	26.19 0.47 0.45	24.95 0.43 0.37	28.38 0.50 0.50	31.35 0.51 2.14	23.01 0.37 0.24	22.99 0.35 0.27	30.63 0.58 1.57	23.31 0.36 0.32	21.29 0.30 0.34	20.67 0.29 0.11
GOUDEY___7 23579	21.28 0.22 0.00	18.99 0.18 0.00	15.58 0.02 0.00	14.41 0.04 0.00	14.65 0.02 0.00	17.05 0.12 0.00	20.06 0.18 0.00	22.72 0.39 0.00	24.05 0.49 0.00	23.56 0.49 0.01	22.22 0.36 0.00	24.66 0.46 0.47	27.62 0.48 0.67	30.48 0.49 0.85	26.22 0.50 0.45	24.98 0.46 0.37	28.41 0.53 0.50	31.38 0.55 2.14	23.03 0.40 0.24	23.01 0.37 0.27	30.66 0.61 1.57	23.33 0.38 0.32	21.31 0.32 0.34	20.69 0.30 0.11
GOUDEY___8 23580	21.26 0.21 0.00	18.98 0.17 0.00	15.57 0.01 0.00	14.40 0.03 0.00	14.64 0.01 0.00	17.04 0.11 0.00	20.04 0.17 0.00	22.70 0.36 0.00	24.03 0.46 0.01	23.54 0.47 0.00	22.20 0.35 0.00	24.64 0.43 0.47	27.59 0.45 0.67	30.45 0.45 0.85	26.19 0.47 0.45	24.95 0.43 0.37	28.38 0.50 0.50	31.35 0.51 2.14	23.01 0.37 0.24	22.99 0.35 0.27	30.63 0.58 1.57	23.31 0.36 0.32	21.29 0.30 0.34	20.67 0.29 0.11
GOWANUS_GT1_1 24077	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT1_2 24078	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00

GOWANUS_GT1_3 24079	22.31 <u>1.26</u> 0.00	19.98 <u>1.17</u> 0.00	16.44 <u>0.88</u> 0.00	15.12 <u>0.74</u> 0.00	15.39 <u>0.76</u> 0.00	17.87 <u>0.94</u> 0.00	20.95 <u>1.08</u> 0.00	23.52 <u>1.19</u> 0.00	24.94 <u>1.37</u> 0.00	24.55 <u>1.47</u> 0.00	23.42 <u>1.57</u> 0.00	26.52 <u>1.85</u> 0.00	29.91 <u>2.09</u> 0.00	33.26 <u>2.42</u> 0.00	28.33 <u>2.16</u> 0.00	26.95 <u>2.06</u> 0.00	30.77 <u>2.39</u> 0.00	35.80 <u>2.83</u> 0.00	24.81 <u>1.94</u> 0.00	24.72 <u>1.81</u> 0.00	34.02 <u>2.39</u> 0.00	25.10 <u>1.82</u> 0.00	22.97 <u>1.64</u> 0.00	22.03 <u>1.53</u> 0.00
GOWANUS_GT1_4 24080	22.31 <u>1.26</u> 0.00	19.98 <u>1.17</u> 0.00	16.44 <u>0.88</u> 0.00	15.12 <u>0.74</u> 0.00	15.39 <u>0.76</u> 0.00	17.87 <u>0.94</u> 0.00	20.95 <u>1.08</u> 0.00	23.52 <u>1.19</u> 0.00	24.94 <u>1.37</u> 0.00	24.55 <u>1.47</u> 0.00	23.42 <u>1.57</u> 0.00	26.52 <u>1.85</u> 0.00	29.91 <u>2.09</u> 0.00	33.26 <u>2.42</u> 0.00	28.33 <u>2.16</u> 0.00	26.95 <u>2.06</u> 0.00	30.77 <u>2.39</u> 0.00	35.80 <u>2.83</u> 0.00	24.81 <u>1.94</u> 0.00	24.72 <u>1.81</u> 0.00	34.02 <u>2.39</u> 0.00	25.10 <u>1.82</u> 0.00	22.97 <u>1.64</u> 0.00	22.03 <u>1.53</u> 0.00
GOWANUS_GT1_5 24084	22.31 <u>1.26</u> 0.00	19.98 <u>1.17</u> 0.00	16.44 <u>0.88</u> 0.00	15.12 <u>0.74</u> 0.00	15.39 <u>0.76</u> 0.00	17.87 <u>0.94</u> 0.00	20.95 <u>1.08</u> 0.00	23.52 <u>1.19</u> 0.00	24.94 <u>1.37</u> 0.00	24.55 <u>1.47</u> 0.00	23.42 <u>1.57</u> 0.00	26.52 <u>1.85</u> 0.00	29.91 <u>2.09</u> 0.00	33.26 <u>2.42</u> 0.00	28.33 <u>2.16</u> 0.00	26.95 <u>2.06</u> 0.00	30.77 <u>2.39</u> 0.00	35.80 <u>2.83</u> 0.00	24.81 <u>1.94</u> 0.00	24.72 <u>1.81</u> 0.00	34.02 <u>2.39</u> 0.00	25.10 <u>1.82</u> 0.00	22.97 <u>1.64</u> 0.00	22.03 <u>1.53</u> 0.00
GOWANUS_GT1_6 24111	22.31 <u>1.26</u> 0.00	19.98 <u>1.17</u> 0.00	16.44 <u>0.88</u> 0.00	15.12 <u>0.74</u> 0.00	15.39 <u>0.76</u> 0.00	17.87 <u>0.94</u> 0.00	20.95 <u>1.08</u> 0.00	23.52 <u>1.19</u> 0.00	24.94 <u>1.37</u> 0.00	24.55 <u>1.47</u> 0.00	23.42 <u>1.57</u> 0.00	26.52 <u>1.85</u> 0.00	29.91 <u>2.09</u> 0.00	33.26 <u>2.42</u> 0.00	28.33 <u>2.16</u> 0.00	26.95 <u>2.06</u> 0.00	30.77 <u>2.39</u> 0.00	35.80 <u>2.83</u> 0.00	24.81 <u>1.94</u> 0.00	24.72 <u>1.81</u> 0.00	34.02 <u>2.39</u> 0.00	25.10 <u>1.82</u> 0.00	22.97 <u>1.64</u> 0.00	22.03 <u>1.53</u> 0.00
GOWANUS_GT1_7 24112	22.31 <u>1.26</u> 0.00	19.98 <u>1.17</u> 0.00	16.44 <u>0.88</u> 0.00	15.12 <u>0.74</u> 0.00	15.39 <u>0.76</u> 0.00	17.87 <u>0.94</u> 0.00	20.95 <u>1.08</u> 0.00	23.52 <u>1.19</u> 0.00	24.94 <u>1.37</u> 0.00	24.55 <u>1.47</u> 0.00	23.42 <u>1.57</u> 0.00	26.52 <u>1.85</u> 0.00	29.91 <u>2.09</u> 0.00	33.26 <u>2.42</u> 0.00	28.33 <u>2.16</u> 0.00	26.95 <u>2.06</u> 0.00	30.77 <u>2.39</u> 0.00	35.80 <u>2.83</u> 0.00	24.81 <u>1.94</u> 0.00	24.72 <u>1.81</u> 0.00	34.02 <u>2.39</u> 0.00	25.10 <u>1.82</u> 0.00	22.97 <u>1.64</u> 0.00	22.03 <u>1.53</u> 0.00
GOWANUS_GT1_8 24113	22.31 <u>1.26</u> 0.00	19.98 <u>1.17</u> 0.00	16.44 <u>0.88</u> 0.00	15.12 <u>0.74</u> 0.00	15.39 <u>0.76</u> 0.00	17.87 <u>0.94</u> 0.00	20.95 <u>1.08</u> 0.00	23.52 <u>1.19</u> 0.00	24.94 <u>1.37</u> 0.00	24.55 <u>1.47</u> 0.00	23.42 <u>1.57</u> 0.00	26.52 <u>1.85</u> 0.00	29.91 <u>2.09</u> 0.00	33.26 <u>2.42</u> 0.00	28.33 <u>2.16</u> 0.00	26.95 <u>2.06</u> 0.00	30.77 <u>2.39</u> 0.00	35.80 <u>2.83</u> 0.00	24.81 <u>1.94</u> 0.00	24.72 <u>1.81</u> 0.00	34.02 <u>2.39</u> 0.00	25.10 <u>1.82</u> 0.00	22.97 <u>1.64</u> 0.00	22.03 <u>1.53</u> 0.00
GOWANUS_GT2_1 24114	22.31 <u>1.25</u> 0.00	19.98 <u>1.17</u> 																						

GOWANUS_GT3_2 24123	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
GOWANUS_GT3_3 24124	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
GOWANUS_GT3_4 24125	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
GOWANUS_GT3_5 24126	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
GOWANUS_GT3_6 24127	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
GOWANUS_GT3_7 24128	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
GOWANUS_GT3_8 24129	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
GOWANUS_GT4_1 24130	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT4_2 24131	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT4_3 24132	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT4_4 24133	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT4_5 24134	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT4_6 24135	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT4_7 24136	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GOWANUS_GT4_8 24137	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00

GREENBSH_115KV_TB3 55895	21.50 0.45 0.00	19.23 0.43 0.00	15.88 0.32 0.00	14.68 0.31 0.00	14.94 0.31 0.00	17.23 0.30 0.00	20.21 0.33 0.00	22.60 0.26 0.00	23.85 0.28 0.00	23.38 0.30 0.00	22.22 0.37 0.00	25.08 0.41 0.00	28.23 0.42 0.00	31.42 0.57 0.00	26.65 0.48 0.00	25.24 0.35 0.00	28.91 0.53 0.00	33.62 0.65 0.00	23.39 0.52 0.00	23.51 0.59 0.00	32.41 0.78 0.00	23.87 0.59 0.00	21.93 0.59 0.00	21.00 0.51 0.00
GREENDGE_115KV_TB5 80291	21.18 0.13 0.00	18.86 0.04 0.00	15.42 -0.15 0.00	14.27 -0.10 0.00	14.53 -0.10 0.00	16.93 0.00 0.00	19.95 0.08 0.00	22.71 0.37 0.00	24.00 0.44 0.01	23.48 0.43 0.02	22.05 0.20 0.00	24.02 0.30 0.94	26.75 0.30 1.36	29.36 0.24 1.73	25.62 0.37 0.91	24.50 0.36 0.75	27.71 0.36 1.03	28.99 0.37 4.34	22.73 0.34 0.49	22.68 0.32 0.55	29.04 0.61 3.20	22.99 0.36 0.65	20.90 0.27 0.70	20.56 0.30 0.23
GREENIDGE___3 23582	21.18 0.13 0.00	18.86 0.04 0.00	15.42 -0.15 0.00	14.27 -0.10 0.00	14.53 -0.10 0.00	16.93 0.00 0.00	19.95 0.08 0.00	22.71 0.37 0.00	24.00 0.44 0.01	23.48 0.43 0.02	22.05 0.20 0.00	24.02 0.30 0.94	26.75 0.30 1.36	29.36 0.24 1.73	25.62 0.37 0.91	24.50 0.36 0.75	27.71 0.36 1.03	28.99 0.37 4.34	22.73 0.34 0.49	22.68 0.32 0.55	29.04 0.61 3.20	22.99 0.36 0.65	20.90 0.27 0.70	20.56 0.30 0.23
GREENIDGE___4 23583	21.18 0.13 0.00	18.85 0.04 0.00	15.42 -0.15 0.00	14.27 -0.10 0.00	14.53 -0.10 0.00	16.93 0.00 0.00	19.95 0.08 0.00	22.71 0.37 0.00	24.00 0.44 0.01	23.49 0.43 0.02	22.05 0.20 0.00	24.03 0.30 0.94	26.75 0.30 1.36	29.37 0.25 1.73	25.62 0.37 0.91	24.51 0.37 0.75	27.71 0.35 1.03	29.00 0.37 4.34	22.74 0.35 0.49	22.70 0.34 0.55	29.04 0.61 3.20	22.98 0.36 0.65	20.90 0.27 0.70	20.56 0.30 0.23
GREENLWN_69_KV_BK 3 55738	19.54 1.26 2.78	18.59 1.18 1.41	16.53 0.97 0.00	15.20 0.83 0.00	15.40 0.77 0.00	17.85 0.92 0.00	20.91 1.03 0.00	21.08 0.98 2.24	22.04 1.07 2.60	18.84 1.24 5.48	28.06 1.59 -4.61	33.02 1.87 -6.48	27.96 1.89 1.74	30.70 2.20 2.35	27.98 1.96 0.15	28.17 2.01 -1.27	29.79 2.34 0.93	34.86 2.40 0.51	24.59 1.72 0.00	24.36 1.45 0.00	33.59 1.96 0.00	35.32 1.75 -10.30	42.01 1.66 -19.02	46.75 1.63 -24.62
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00
GRISSOM___SOLAR 323813	23.01 1.95 0.00	20.52 1.71 0.00	16.90 1.34 0.00	15.60 1.23 0.00	15.92 1.29 0.00	18.50 1.57 0.00	21.83 1.96 0.00	24.57 2.23 0.00	25.74 2.17 0.00	24.95 1.87 0.00	23.33 1.47 0.00	26.11 1.44 0.00	29.79 1.98 0.00	32.55 1.71 0.00	27.51 1.34 0.00	26.31 1.42 0.00	30.06 1.68 0.00	35.18 2.21 0.00	24.70 1.82 0.00	25.11 2.20 0.00	34.94 3.31 0.00	25.71 2.44 0.00	23.41 2.08 0.00	22.43 1.94 0.00
GROVEVILLE___HYD 323602	22.29 1.23 0.00	19.93 1.12 0.00	16.40 0.84 0.00	15.10 0.73 0.00	15.35 0.72 0.00	17.80 0.87 0.00	20.96 1.08 0.00	23.53 1.20 0.00	24.90 1.33 0.00	24.48 1.41 0.00	23.27 1.42 0.00	26.35 1.68 0.00	29.69 1.87 0.00	33.03 2.19 0.00	28.13 1.96 0.00	26.77 1.88 0.00	30.59 2.21 0.00	35.54 2.57 0.00	24.68 1.81 0.00	24.64 1.73 0.00	33.92 2.29 0.00	24.98 1.70 0.00	22.85 1.51 0.00	21.91 1.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.90 -0.16 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.76 -0.16 0.00	19.71 -0.17 0.00	22.24 -0.10 0.00	23.52 -0.06 0.00	23.03 -0.06 -0.01	21.75 -0.11 0.00	24.84 -0.10 -0.28	28.11 -0.10 -0.40	31.23 -0.12 -0.51	26.37 -0.08 -0.28	25.07 -0.05 -0.22	28.62 -0.06 -0.30	34.16 -0.05 -1.25	23.04 0.03 -0.15	23.08 0.00 -0.16	32.68 0.08 -0.96	23.50 0.03 -0.20	21.52 -0.02 -0.21	20.52 -0.04 -0.06
HAMLTNNY_34_KV_TB 80303	20.96 -0.10 0.00	18.69 -0.11 0.00	15.37 -0.19 0.00	14.22 -0.15 0.00	14.48 -0.15 0.00	16.79 -0.14 0.00	19.76 -0.12 0.00	22.32 -0.01 0.00	23.58 0.01 0.00	23.07 -0.01 0.00	21.79 -0.06 0.00	24.63 -0.04 0.00	27.76 -0.05 0.00	30.80 -0.05 0.00	26.15 -0.02 0.00	24.93 0.04 0.00	28.39 0.01 0.00	32.99 0.02 0.00	22.95 0.08 0.00	22.95 0.04 0.00	31.78 0.15 0.00	23.33 0.06 0.00	21.34 0.00 0.00	20.51 0.01 0.00
HAMPSHIRE___PAPER_HYD 323593	21.36 0.30 0.00	19.05 0.24 0.00	15.82 0.26 0.00	14.62 0.25 0.00	14.90 0.27 0.00	17.25 0.33 0.00	20.32 0.45 0.00	22.83 0.50 0.00	24.00 0.43 0.00	23.21 0.13 0.00	21.77 -0.09 0.00	24.49 -0.17 0.00	27.53 -0.29 0.00	30.36 -0.48 0.00	25.58 -0.59 0.00	24.17 -0.72 0.00	27.66 -0.73 0.00	32.24 -0.73 0.00	22.30 -0.57 0.00	22.53 -0.38 0.00	31.22 -0.42 0.00	22.89 -0.38 0.00	21.03 -0.31 0.00	20.20 -0.29 0.00
HARDSCRABBLE_WT_PWR 323673	20.99 -0.06 0.00	18.75 -0.05 0.00	15.31 -0.25 0.00	14.15 -0.22 0.00	14.42 -0.20 0.00	16.74 -0.19 0.00	19.69 -0.19 0.00	22.11 -0.23 0.00	23.24 -0.33 0.00	22.81 -0.27 0.00	21.70 -0.15 0.00	24.58 -0.09 0.00	27.63 -0.19 0.00	30.57 -0.28 0.00	25.84 -0.33 0.00	24.40 -0.49 0.00	27.90 -0.48 0.00	32.54 -0.43 0.00	22.78 -0.09 0.00	23.03 0.11 0.00	31.86 0.23 0.00	23.43 0.15 0.00	21.50 0.16 0.00	20.60 0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.08 1.02 0.00	19.74 0.93 0.00	16.25 0.69 0.00	14.94 0.57 0.00	15.18 0.56 0.00	17.62 0.69 0.00	20.74 0.87 0.00	23.31 0.97 0.00	24.69 1.12 0.00	24.29 1.21 0.00	23.09 1.24 0.00	26.14 1.47 0.00	29.53 1.72 0.00	32.82 1.98 0.00	27.93 1.76 0.00	26.59 1.70 0.00	30.37 1.99 0.00	35.28 2.31 0.00	24.48 1.61 0.00	24.42 1.51 0.00	33.60 1.97 0.00	24.75 1.48 0.00	22.62 1.29 0.00	21.70 1.21 0.00
HARSNRAD_115KV_TB1 81005	20.93 -0.13 0.00	18.54 -0.27 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.19 -0.44 0.00	16.53 -0.40 0.00	19.29 -0.58 0.00	22.01 -0.33 0.00	23.26 -0.30 0.02	22.87 -0.17 0.04	21.55 -0.30 0.00	22.72 -0.25 1.70	24.80 -0.56 2.46	26.77 -0.96 3.11	23.85 -0.66 1.65	23.04 -0.49 1.36	25.80 -0.74 1.84	23.96 -1.21 7.80	21.25 -0.75 0.87	20.98 -0.93 0.99	24.75 -1.12 5.75	21.33 -0.76 1.18	19.42 -0.64 1.27	19.81 -0.27 0.41
HARZA MOOSE___RIVER 24016	21.51 0.45 0.00	19.19 0.39 0.00	15.87 0.31 0.00	14.65 0.28 0.00	14.92 0.29 0.00	17.31 0.38 0.00	20.38 0.50 0.00	22.94 0.61 0.00	24.21 0.63 0.00	23.59 0.51 0.00	22.22 0.36 0.00	24.99 0.32 0.00	28.17 0.35 0.00	30.98 0.14 0.00	26.22 0.05 0.00	24.87 -0.02 0.00	28.37 -0.01 0.00	33.07 0.10 0.00	23.04 0.17 0.00	23.23 0.32 0.00	32.18 0.56 0.00	23.67 0.39 0.00	21.64 0.31 0.00	20.77 0.28 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	20.75 -0.31 0.00	18.51 -0.30 0.00	15.25 -0.31 0.00	14.08 -0.29 0.00	14.35 -0.28 0.00	16.65 -0.28 0.00	19.53 -0.34 0.00	22.04 -0.30 0.00	23.34 -0.23 0.00	22.86 -0.21 0.01	21.61 -0.24 0.00	24.00 -0.26 0.41	26.96 -0.26 0.59	29.78 -0.32 0.74	25.57 -0.21 0.39	24.37 -0.20 0.32	27.70 -0.23 0.45	30.79 -0.27 1.91	22.54 -0.13 0.20	22.53 -0.14 0.23	30.16 -0.12 1.35	22.90 -0.10 0.28	20.90 -0.14 0.30	20.23 -0.16 0.10
HELLGATE_13_KV_LD 55870	22.23 1.18 0.00	19.91 1.11 0.00	16.41 0.84 0.00	15.08 0.71 0.00	15.32 0.69 0.00	17.79 0.86 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.92 1.34 0.00	24.54 1.46 0.00	23.39 1.54 0.00	26.47 1.80 0.00	29.85 2.03 0.00	33.19 2.35 0.00	28.27 2.10 0.00	26.90 2.01 0.00	30.70 2.32 0.00	35.66 2.68 0.00	24.70 1.83 0.00	24.62 1.71 0.00	33.87 2.24 0.00	24.99 1.71 0.00	22.87 1.53 0.00	21.94 1.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.23 1.18 0.00	19.91 1.11 0.00	16.41 0.84 0.00	15.08 0.71 0.00	15.32 0.69 0.00	17.79 0.86 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.92 1.34 0.00	24.54 1.46 0.00	23.39 1.54 0.00	26.47 1.80 0.00	29.85 2.03 0.00	33.19 2.35 0.00	28.27 2.10 0.00	26.90 2.01 0.00	30.70 2.32 0.00	35.66 2.68 0.00	24.70 1.83 0.00	24.62 1.71 0.00	33.87 2.24 0.00	24.99 1.71 0.00	22.87 1.53 0.00	21.94 1.44 0.00
HEMPSTEAD____ 23647	30.52 1.30 -8.16	24.15 1.21 -4.14	16.52 0.96 0.00	15.18 0.81 0.00	15.40 0.77 0.00	17.86 0.93 0.00	20.97 1.09 0.00	30.04 1.11 -6.60	32.45 1.22 -7.65	40.59 1.37 -16.14	47.88 1.62 -24.41	33.02 1.87 -6.48	36.40 1.92 -6.67	42.02 2.25 -8.92	28.59 1.99 -0.43	35.20 2.01 -8.30	52.32 2.33 -21.60	37.01 2.54 -1.50	24.67 1.80 0.00	24.47 1.56 0.00	33.76 2.12 0.00	35.44 1.86 -10.30	42.05 1.70 -19.02	46.74 1.62 -24.62
HEWLETT__69_KV_BK3 55828	61.93 1.49 -39.37	40.15 1.38 -19.97	16.67 1.10 0.00	15.31 0.94 0.00	15.52 0.89 0.00	18.01 1.08 0.00	21.14 1.26 0.00	55.42 1.25 -31.83	61.81 1.32 -36.92	102.45 1.50 -77.87	104.44 1.64 -80.95	33.08 1.93 -6.48	60.55 2.04 -30.70	74.32 2.39 -41.09	30.34 2.09 -2.08	55.36 2.09 -28.38	116.79 2.46 -85.94	42.84 2.66 -7.22	24.77 1.90 0.00	24.57 1.65 0.00	34.00 2.37 0.00	35.58 2.00 -10.30	42.15 1.80 -19.02	46.83 1.71 -24.62
HICKLING___1 23621	21.40 0.34 0.00	19.06 0.25 0.00	15.55 -0.01 0.00	14.40 0.03 0.00	14.64 0.01 0.00	17.10 0.17 0.00	20.16 0.28 0.00	23.01 0.67 0.00	24.39 0.83 0.01	23.86 0.80 0.02	22.42 0.57 0.00	24.58 0.72 0.80	27.37 0.72 1.16	30.15 0.78 1.47	26.24 0.85 0.78	25.01 0.76 0.64	28.37 0.86 0.87	30.15 0.87 3.70	23.06 0.60 0.41	23.01 0.57 0.47	29.87 0.97 2.72	23.31 0.59 0.56	21.22 0.49 0.60	20.81 0.51 0.20
HICKLING___2 23622	21.40 0.34 0.00	19.06 0.25 0.00	15.55 -0.01 0.00	14.40 0.03 0.00	14.64 0.01 0.00	17.10 0.17 0.00	20.16 0.28 0.00	23.01 0.67 0.00	24.39 0.83 0.01	23.86 0.80 0.02	22.42 0.57 0.00	24.58 0.72 0.80	27.37 0.72 1.16	30.15 0.78 1.47	26.24 0.85 0.78	25.01 0.76 0.64	28.37 0.86 0.87	30.15 0.87 3.70	23.06 0.60 0.41	23.01 0.57 0.47	29.87 0.97 2.72	23.31 0.59 0.56	21.22 0.49 0.60	20.81 0.51 0.20
HIGH FALLS___HY 23754	22.05 1.00 0.00	19.71 0.90 0.00	16.22 0.65 0.00	14.91 0.54 0.00	15.15 0.52 0.00	17.60 0.67 0.00	20.72 0.85 0.00	23.28 0.95 0.00	24.66 1.09 0.00	24.24 1.16 0.00	22.95 1.10 0.00	25.98 1.31 0.00	29.38 1.56 0.00	32.61 1.76 0.00	27.83 1.66 0.00	26.56 1.67 0.00	30.33 1.95 0.00	35.24 2.27 0.00	24.45 1.57 0.00	24.38 1.47 0.00	33.51 1.88 0.00	24.69 1.42 0.00	22.56 1.23 0.00	21.66 1.16 0.00
HILLBURN___GT 23639	22.03 0.98 0.00	19.71 0.90 0.00	16.22 0.66 0.00	14.91 0.54 0.00	15.14 0.52 0.00	17.57 0.65 0.00	20.69 0.81 0.00	23.26 0.92 0.00	24.65 1.08 0.00	24.26 1.17 0.00	23.07 1.21 0.00	26.11 1.44 0.00	29.53 1.71 0.00	32.78 1.94 0.00	27.88 1.71 0.00	26.54 1.65 0.00	30.31 1.93 0.00	35.22 2.25 0.00	24.40 1.53 0.00	24.33 1.42 0.00	33.47 1.83 0.00	24.66 1.39 0.00	22.54 1.21 0.00	21.65 1.16 0.00
HILLSIDE_115KV_TB1 80332	21.05 -0.01 0.00	18.77 -0.04 0.00	15.33 -0.23 0.00	14.21 -0.17 0.00	14.43 -0.20 0.00	16.84 -0.09 0.00	19.84 -0.03 0.00	22.62 0.29 0.00	23.99 0.43 0.01	23.50 0.44 0.02	22.10 0.25 0.00	24.26 0.35 0.76	27.05 0.33 1.10	29.75 0.29 1.39	25.86 0.42 0.74	24.63 0.35 0.61	27.95 0.39 0.82	29.79 0.31 3.48	22.68 0.20 0.39	22.62 0.15 0.44	29.44 0.38 2.57	22.89 0.14 0.52	20.86 0.08 0.56	20.42 0.10 0.18
HISHELDN_WT_PWR 323625	20.99 -0.06 0.00	18.63 -0.18 0.00	15.12 -0.45 0.00	13.98 -0.39 0.00	14.26 -0.37 0.00	16.63 -0.30 0.00	19.49 -0.39 0.00	22.28 -0.06 0.00	23.60 0.04 0.01	23.16 0.11 0.03	21.74 -0.11 0.00	23.18 -0.03 1.46	25.48 -0.22 2.12	27.70 -0.47 2.68	24.54 -0.21 1.42	23.58 -0.14 1.17	26.51 -0.29 1.59	25.65 -0.60 6.72	21.78 -0.34 0.75	21.62 -0.43 0.85	26.30 -0.38 4.96	21.97 -0.29 1.02	20.00 -0.24 1.09	20.16 0.02 0.35
HOLTSVILLE_IC_1 23690	19.01 1.27 3.32	18.33 1.20 1.68	16.55 0.98 0.00	15.22 0.85 0.00	15.40 0.77 0.00	17.86 0.93 0.00	20.89 1.02 0.00	20.58 0.92 2.68	21.49 1.03 3.11	17.71 1.18 6.56	27.00 1.52 -3.63	32.94 1.79 -6.48	27.40 1.75 2.16	30.16 2.22 2.91	27.89 1.90 0.18	27.77 1.96 -0.92	28.68 2.36 2.05	34.76 2.39 0.61	24.66 1.78 0.00	24.39 1.47 0.00	33.63 2.00 0.00	35.41 1.83 -10.30	42.05 1.70 -19.02	46.75 1.63 -24.62
HOLTSVILLE_IC_10 23699	19.32 1.37 3.10	18.52 1.29 1.57	16.61 1.05 0.00	15.29 0.91 0.00	15.46 0.83 0.00	17.93 1.01 0.00	20.97 1.10 0.00	20.85 1.02 2.51	21.79 1.13 2.91	18.24 1.29 6.13	27.50 1.63 -4.02	33.07 1.92 -6.48	27.67 1.85 2.00	30.58 2.42 2.69	28.06 2.06 0.16	28.06 2.12 -1.05	29.32 2.55 1.61	35.02 2.62 0.57	24.82 1.95 0.00	24.55 1.64 0.00	33.83 2.20 0.00	35.57 1.99 -10.30	42.20 1.85 -19.02	46.88 1.75 -24.62
HOLTSVILLE_IC_2 23691	19.01 1.27 3.32	18.33 1.20 1.68	16.55 0.98 0.00	15.22 0.85 0.00	15.40 0.77 0.00	17.86 0.93 0.00	20.89 1.02 0.00	20.58 0.92 2.68	21.49 1.03 3.11	17.71 1.18 6.56	27.00 1.52 -3.63	32.94 1.79 -6.48	27.40 1.75 2.16	30.16 2.22 2.91	27.89 1.90 0.18	27.77 1.96 -0.92	28.68 2.36 2.05	34.76 2.39 0.61	24.66 1.78 0.00	24.39 1.47 0.00	33.63 2.00 0.00	35.41 1.83 -10.30	42.05 1.70 -19.02	46.75 1.63 -24.62
HOLTSVILLE_IC_3 23692	19.01 1.27 3.32	18.33 1.20 1.68	16.55 0.98 0.00	15.22 0.85 0.00	15.40 0.77 0.00	17.86 0.93 0.00	20.89 1.02 0.00	20.58 0.92 2.68	21.49 1.03 3.11	17.71 1.18 6.56	27.00 1.52 -3.63	32.94 1.79 -6.48	27.40 1.75 2.16	30.16 2.22 2.91	27.89 1.90 0.18	27.77 1.96 -0.92	28.68 2.36 2.05	34.76 2.39 0.61	24.66 1.78 0.00	24.39 1.47 0.00	33.63 2.00 0.00	35.41 1.83 -10.30	42.05 1.70 -19.02	46.75 1.63 -24.62

HOLTSVILLE_IC_4 23693	19.01 1.27 3.32	18.33 1.20 1.68	16.55 0.98 0.00	15.22 0.85 0.00	15.40 0.77 0.00	17.86 0.93 0.00	20.89 1.02 0.00	20.58 0.92 2.68	21.49 1.03 3.11	17.71 1.18 6.56	27.00 1.52 -3.63	32.94 1.79 -6.48	27.40 1.75 2.16	30.16 2.22 2.91	27.89 1.90 0.18	27.77 1.96 -0.92	28.68 2.36 2.05	34.76 2.39 0.61	24.66 1.78 0.00	24.39 1.47 0.00	33.63 2.00 0.00	35.41 1.83 -10.30	42.05 1.70 -19.02	46.75 1.63 -24.62
HOLTSVILLE_IC_5 23694	19.01 1.27 3.32	18.33 1.20 1.68	16.55 0.98 0.00	15.22 0.85 0.00	15.40 0.77 0.00	17.86 0.93 0.00	20.89 1.02 0.00	20.58 0.92 2.68	21.49 1.03 3.11	17.71 1.18 6.56	27.00 1.52 -3.63	32.94 1.79 -6.48	27.40 1.75 2.16	30.16 2.22 2.91	27.89 1.90 0.18	27.77 1.96 -0.92	28.68 2.36 2.05	34.76 2.39 0.61	24.66 1.78 0.00	24.39 1.47 0.00	33.63 2.00 0.00	35.41 1.83 -10.30	42.05 1.70 -19.02	46.75 1.63 -24.62
HOLTSVILLE_IC_6 23695	19.32 1.37 3.10	18.52 1.29 1.57	16.61 1.05 0.00	15.29 0.91 0.00	15.46 0.83 0.00	17.93 1.01 0.00	20.97 1.10 0.00	20.85 1.02 2.51	21.79 1.13 2.91	18.24 1.29 6.13	27.50 1.63 -4.02	33.07 1.92 -6.48	27.67 1.85 2.00	30.58 2.42 2.69	28.06 2.06 0.16	28.06 2.12 -1.05	29.32 2.55 1.61	35.02 2.62 0.57	24.82 1.95 0.00	24.55 1.64 0.00	33.83 2.20 0.00	35.57 1.99 -10.30	42.20 1.85 -19.02	46.88 1.75 -24.62
HOLTSVILLE_IC_7 23696	19.32 1.37 3.10	18.52 1.29 1.57	16.61 1.05 0.00	15.29 0.91 0.00	15.46 0.83 0.00	17.93 1.01 0.00	20.97 1.10 0.00	20.85 1.02 2.51	21.79 1.13 2.91	18.24 1.29 6.13	27.50 1.63 -4.02	33.07 1.92 -6.48	27.67 1.85 2.00	30.58 2.42 2.69	28.06 2.06 0.16	28.06 2.12 -1.05	29.32 2.55 1.61	35.02 2.62 0.57	24.82 1.95 0.00	24.55 1.64 0.00	33.83 2.20 0.00	35.57 1.99 -10.30	42.20 1.85 -19.02	46.88 1.75 -24.62
HOLTSVILLE_IC_8 23697	19.32 1.37 3.10	18.52 1.29 1.57	16.61 1.05 0.00	15.29 0.91 0.00	15.46 0.83 0.00	17.93 1.01 0.00	20.97 1.10 0.00	20.85 1.02 2.51	21.79 1.13 2.91	18.24 1.29 6.13	27.50 1.63 -4.02	33.07 1.92 -6.48	27.67 1.85 2.00	30.58 2.42 2.69	28.06 2.06 0.16	28.06 2.12 -1.05	29.32 2.55 1.61	35.02 2.62 0.57	24.82 1.95 0.00	24.55 1.64 0.00	33.83 2.20 0.00	35.57 1.99 -10.30	42.20 1.85 -19.02	46.88 1.75 -24.62
HOLTSVILLE_IC_9 23698	19.32 1.37 3.10	18.52 1.29 1.57	16.61 1.05 0.00	15.29 0.91 0.00	15.46 0.83 0.00	17.93 1.01 0.00	20.97 1.10 0.00	20.85 1.02 2.51	21.79 1.13 2.91	18.24 1.29 6.13	27.50 1.63 -4.02	33.07 1.92 -6.48	27.67 1.85 2.00	30.58 2.42 2.69	28.06 2.06 0.16	28.06 2.12 -1.05	29.32 2.55 1.61	35.02 2.62 0.57	24.82 1.95 0.00	24.55 1.64 0.00	33.83 2.20 0.00	35.57 1.99 -10.30	42.20 1.85 -19.02	46.88 1.75 -24.62
HOMER_HL_115KV_TB2 355744	21.41 0.35 0.00	19.07 0.26 0.00	15.49 -0.07 0.00	14.31 -0.06 0.00	14.58 -0.05 0.00	17.02 0.10 0.00	20.05 0.17 0.00	23.05 0.71 0.00	24.46 0.90 0.01	24.00 0.95 0.03	22.58 0.73 0.00	24.02 0.74 1.39	26.30 0.50 2.02	28.65 0.36 2.55	25.22 0.41 1.35	24.18 0.40 1.11	27.24 0.37 1.51	26.72 0.16 6.41	22.24 0.08 0.72	22.08 -0.02 0.82	27.09 0.18 4.73	22.36 0.05 0.97	20.38 0.08 1.04	20.44 0.28 0.34
HOWARD_WT_PWR 323690	21.00 -0.06 0.00	18.65 -0.16 0.00	15.14 -0.42 0.00	14.03 -0.34 0.00	14.25 -0.38 0.00	16.65 -0.28 0.00	19.59 -0.28 0.00	22.55 0.22 0.00	23.95 0.39 0.01	23.52 0.46 0.03	21.98 0.13 0.00	23.90 0.32 1.09	26.54 0.30 1.58	29.08 0.22 2.00	25.56 0.45 1.06	24.43 0.41 0.87	27.50 0.30 1.18	28.12 0.16 5.01	22.48 0.17 0.56	22.55 0.28 0.64	28.61 0.68 3.69	22.94 0.42 0.76	20.86 0.34 0.81	20.71 0.48 0.26
HQ_GEN_CEDARS 23644	21.10 0.04 0.00	18.84 0.03 0.00	15.70 0.14 0.00	14.53 0.16 0.00	14.81 0.18 0.00	17.11 0.18 0.00	20.11 0.23 0.00	22.51 0.17 0.00	23.65 0.08 0.00	23.06 -0.01 0.00	21.75 -0.11 0.00	24.53 -0.14 0.00	27.70 -0.12 0.00	30.68 -0.16 0.00	25.94 -0.23 0.00	24.67 -0.22 0.00	28.16 -0.22 0.00	32.70 -0.27 0.00	22.52 -0.35 0.00	22.55 -0.36 0.00	31.05 -0.58 0.00	22.83 -0.45 0.00	20.94 -0.40 0.00	20.13 -0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	21.10 0.04 0.00	18.84 0.03 0.00	15.70 0.14 0.00	14.53 0.16 0.00	14.81 0.18 0.00	17.11 0.18 0.00	20.11 0.23 0.00	22.51 0.18 0.00	23.65 0.08 0.00	23.06 -0.01 0.00	21.75 -0.11 0.00	24.53 -0.14 0.00	27.69 -0.12 0.00	30.68 -0.16 0.00	25.94 -0.23 0.00	24.67 -0.22 0.00	28.17 -0.22 0.00	32.70 -0.27 0.00	22.52 -0.35 0.00	22.55 -0.36 0.00	31.06 -0.58 0.00	22.83 -0.45 0.00	20.94 -0.40 0.00	20.13 -0.37 0.00
HQ_GEN_IMPORT 323601	20.92 -0.13 0.00	18.68 -0.13 0.00	15.54 -0.02 0.00	14.37 0.00 0.00	14.64 0.01 0.00	16.90 -0.03 0.00	19.84 -0.04 0.00	22.26 -0.08 0.00	23.44 -0.13 0.00	22.79 -0.16 0.14	21.67 -0.18 0.00	24.44 -0.23 0.00	27.58 -0.23 0.00	30.56 -0.28 0.00	25.88 -0.29 0.00	24.70 -0.24 -0.05	28.08 -0.30 0.00	30.35 -0.36 2.27	22.55 -0.32 0.00	22.58 -0.33 0.00	31.16 -0.48 0.00	22.92 -0.36 0.00	21.02 -0.31 0.00	20.22 -0.28 0.00
HQ_GEN_WHEEL 23651	20.92 -0.13 0.00	18.68 -0.13 0.00	15.54 -0.02 0.00	14.37 0.00 0.00	14.64 0.01 0.00	16.90 -0.03 0.00	19.84 -0.04 0.00	22.26 -0.08 0.00	23.44 -0.13 0.00	22.79 -0.16 0.14	21.67 -0.18 0.00	24.44 -0.23 0.00	27.58 -0.23 0.00	30.56 -0.28 0.00	25.88 -0.29 0.00	24.70 -0.24 -0.05	28.08 -0.30 0.00	30.35 -0.36 2.27	22.55 -0.32 0.00	22.58 -0.33 0.00	31.16 -0.48 0.00	22.92 -0.36 0.00	21.02 -0.31 0.00	20.22 -0.28 0.00
HUDSON_AVE_GT_3 23810	22.27 1.22 0.00	19.94 1.13 0.00	16.42 0.86 0.00	15.09 0.72 0.00	15.34 0.71 0.00	17.80 0.87 0.00	20.96 1.08 0.00	23.54 1.20 0.00	24.97 1.40 0.00	24.59 1.51 0.00	23.41 1.56 0.00	26.51 1.84 0.00	29.88 2.07 0.00	33.21 2.37 0.00	28.29 2.12 0.00	26.93 2.04 0.00	30.73 2.35 0.00	35.68 2.71 0.00	24.73 1.85 0.00	24.64 1.73 0.00	33.90 2.27 0.00	25.00 1.72 0.00	22.88 1.54 0.00	21.96 1.46 0.00
HUDSON_AVE_GT_4 23540	22.27 1.22 0.00	19.94 1.13 0.00	16.42 0.86 0.00	15.09 0.72 0.00	15.34 0.71 0.00	17.80 0.87 0.00	20.96 1.08 0.00	23.54 1.20 0.00	24.97 1.40 0.00	24.59 1.51 0.00	23.41 1.56 0.00	26.51 1.84 0.00	29.88 2.07 0.00	33.21 2.37 0.00	28.29 2.12 0.00	26.93 2.04 0.00	30.73 2.35 0.00	35.68 2.71 0.00	24.73 1.85 0.00	24.64 1.73 0.00	33.90 2.27 0.00	25.00 1.72 0.00	22.88 1.54 0.00	21.96 1.46 0.00
HUDSON_AVE_GT_5 23657	22.27 1.22 0.00	19.94 1.13 0.00	16.42 0.86 0.00	15.09 0.72 0.00	15.34 0.71 0.00	17.80 0.87 0.00	20.96 1.08 0.00	23.54 1.20 0.00	24.97 1.40 0.00	24.59 1.51 0.00	23.41 1.56 0.00	26.51 1.84 0.00	29.88 2.07 0.00	33.21 2.37 0.00	28.29 2.12 0.00	26.93 2.04 0.00	30.73 2.35 0.00	35.68 2.71 0.00	24.73 1.85 0.00	24.64 1.73 0.00	33.90 2.27 0.00	25.00 1.72 0.00	22.88 1.54 0.00	21.96 1.46 0.00

HUDSON_AVE_10 24168	22.20 1.15 0.00	19.87 1.06 0.00	16.37 0.81 0.00	15.05 0.67 0.00	15.29 0.66 0.00	17.74 0.82 0.00	20.89 1.01 0.00	23.45 1.12 0.00	24.89 1.32 0.00	24.51 1.43 0.00	23.31 1.45 0.00	26.39 1.72 0.00	29.74 1.93 0.00	33.06 2.22 0.00	28.17 2.00 0.00	26.80 1.91 0.00	30.58 2.19 0.00	35.51 2.53 0.00	24.61 1.74 0.00	24.54 1.63 0.00	33.76 2.13 0.00	24.90 1.63 0.00	22.81 1.47 0.00	21.88 1.38 0.00
HUDSON___115KV_TB 4 355613	21.91 0.85 0.00	19.58 0.77 0.00	16.16 0.59 0.00	14.94 0.57 0.00	15.21 0.58 0.00	17.56 0.63 0.00	20.63 0.75 0.00	23.10 0.76 0.00	24.36 0.79 0.00	23.81 0.73 0.00	22.58 0.72 0.00	25.43 0.76 0.00	28.47 0.65 0.00	31.83 0.98 0.00	26.98 0.82 0.00	25.58 0.69 0.00	29.35 0.97 0.00	34.19 1.21 0.00	23.85 0.97 0.00	24.03 1.12 0.00	33.20 1.57 0.00	24.44 1.17 0.00	22.41 1.07 0.00	21.43 0.93 0.00
HUNTER MOUNT___DRP 323613	22.02 0.96 0.00	19.67 0.86 0.00	16.23 0.67 0.00	15.02 0.65 0.00	15.29 0.66 0.00	17.66 0.73 0.00	20.73 0.86 0.00	23.23 0.89 0.00	24.48 0.91 0.00	23.84 0.76 0.00	22.55 0.69 0.00	25.45 0.77 0.00	28.37 0.55 0.00	31.88 1.03 0.00	27.01 0.84 0.00	25.60 0.71 0.00	29.38 1.00 0.00	34.27 1.30 0.00	23.94 1.07 0.00	24.15 1.24 0.00	33.41 1.78 0.00	24.59 1.32 0.00	22.53 1.20 0.00	21.53 1.04 0.00
HUNTINGTON_RES_REC 323705	19.28 1.32 3.10	18.47 1.23 1.57	16.57 1.01 0.00	15.24 0.87 0.00	15.43 0.80 0.00	17.89 0.96 0.00	20.94 1.06 0.00	20.81 0.98 2.51	21.76 1.10 2.91	18.21 1.26 6.13	27.48 1.61 -4.02	33.05 1.90 -6.48	27.68 1.86 1.99	30.47 2.31 2.68	28.03 2.02 0.16	28.02 2.08 -1.06	29.24 2.47 1.61	34.90 2.50 0.57	24.72 1.85 0.00	24.45 1.54 0.00	33.71 2.08 0.00	35.45 1.88 -10.30	42.10 1.75 -19.02	46.83 1.71 -24.62
HUNTLEY___63 23557	20.98 -0.08 0.00	18.60 -0.21 0.00	15.08 -0.48 0.00	13.93 -0.44 0.00	14.23 -0.40 0.00	16.57 -0.36 0.00	19.35 -0.52 0.00	22.00 -0.34 0.00	23.23 -0.32 0.02	22.87 -0.17 0.04	21.55 -0.30 0.00	22.77 -0.23 1.67	24.89 -0.54 2.39	26.92 -0.92 3.00	23.94 -0.63 1.60	23.09 -0.48 1.32	25.87 -0.72 1.78	24.31 -1.14 7.52	21.31 -0.71 0.85	21.06 -0.89 0.97	25.02 -1.06 5.55	21.39 -0.74 1.15	19.45 -0.64 1.23	19.86 -0.23 0.40
HUNTLEY___64 23558	20.98 -0.08 0.00	18.60 -0.21 0.00	15.08 -0.48 0.00	13.93 -0.44 0.00	14.23 -0.40 0.00	16.57 -0.36 0.00	19.35 -0.52 0.00	22.00 -0.34 0.00	23.23 -0.32 0.02	22.87 -0.17 0.04	21.55 -0.30 0.00	22.77 -0.23 1.67	24.89 -0.54 2.39	26.92 -0.92 3.00	23.94 -0.63 1.60	23.09 -0.48 1.32	25.87 -0.72 1.78	24.31 -1.14 7.52	21.31 -0.71 0.85	21.06 -0.89 0.97	25.02 -1.06 5.55	21.39 -0.74 1.15	19.45 -0.64 1.23	19.86 -0.23 0.40
HUNTLEY___65 23559	20.98 -0.08 0.00	18.60 -0.21 0.00	15.08 -0.48 0.00	13.93 -0.44 0.00	14.23 -0.40 0.00	16.57 -0.36 0.00	19.35 -0.52 0.00	22.00 -0.34 0.00	23.23 -0.32 0.02	22.87 -0.17 0.04	21.55 -0.30 0.00	22.77 -0.23 1.67	24.89 -0.54 2.39	26.92 -0.92 3.00	23.94 -0.63 1.60	23.09 -0.48 1.32	25.87 -0.72 1.78	24.31 -1.14 7.52	21.31 -0.71 0.85	21.06 -0.89 0.97	25.02 -1.06 5.55	21.39 -0.74 1.15	19.45 -0.64 1.23	19.86 -0.23 0.40
HUNTLEY___66 23560	20.98 -0.08 0.00	18.60 -0.21 0.00	15.08 -0.48 0.00	13.93 -0.44 0.00	14.23 -0.40 0.00	16.57 -0.36 0.00	19.35 -0.52 0.00	22.00 -0.34 0.00	23.23 -0.32 0.02	22.87 -0.17 0.04	21.55 -0.30 0.00	22.77 -0.23 1.67	24.89 -0.54 2.39	26.92 -0.92 3.00	23.94 -0.63 1.60	23.09 -0.48 1.32	25.87 -0.72 1.78	24.31 -1.14 7.52	21.31 -0.71 0.85	21.06 -0.89 0.97	25.02 -1.06 5.55	21.39 -0.74 1.15	19.45 -0.64 1.23	19.86 -0.23 0.40
HUNTLEY___67 23561	20.92 -0.14 0.00	18.54 -0.27 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.20 -0.43 0.00	16.52 -0.40 0.00	19.32 -0.56 0.00	22.05 -0.29 0.00	23.32 -0.24 0.02	22.93 -0.11 0.04	21.61 -0.24 0.00	22.84 -0.18 1.64	24.96 -0.47 2.38	26.99 -0.85 3.02	24.00 -0.57 1.60	23.15 -0.43 1.31	25.94 -0.65 1.79	24.37 -1.03 7.57	21.39 -0.64 0.85	21.15 -0.80 0.96	25.11 -0.93 5.59	21.49 -0.64 1.15	19.58 -0.53 1.23	19.90 -0.20 0.40
HUNTLEY___68 23562	20.92 -0.14 0.00	18.54 -0.27 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.20 -0.43 0.00	16.52 -0.40 0.00	19.32 -0.56 0.00	22.05 -0.29 0.00	23.32 -0.24 0.02	22.93 -0.11 0.04	21.61 -0.24 0.00	22.84 -0.18 1.64	24.96 -0.47 2.38	26.99 -0.85 3.02	24.00 -0.57 1.60	23.15 -0.43 1.31	25.94 -0.65 1.79	24.37 -1.03 7.57	21.39 -0.64 0.85	21.15 -0.80 0.96	25.11 -0.93 5.59	21.49 -0.64 1.15	19.58 -0.53 1.23	19.90 -0.20 0.40
HYLAND___LFGE 323620	21.95 0.89 0.00	19.43 0.62 0.00	15.82 0.25 0.00	14.63 0.25 0.00	14.92 0.29 0.00	17.42 0.49 0.00	20.51 0.63 0.00	23.27 0.93 0.00	24.06 0.51 0.01	23.48 0.43 0.03	22.05 0.20 0.00	23.50 0.27 1.43	25.91 0.18 2.08	28.28 0.07 2.63	25.12 0.35 1.39	24.24 0.50 1.15	27.26 0.44 1.56	27.32 0.96 6.61	22.96 0.82 0.74	22.77 0.70 0.84	28.12 1.36 4.88	23.41 1.13 1.00	21.26 1.00 1.07	21.21 0.35 0.35
INDECK___CORINTH 23802	22.63 1.57 0.00	20.24 1.43 0.00	16.67 1.10 0.00	15.38 1.01 0.00	15.67 1.04 0.00	18.16 1.23 0.00	21.41 1.53 0.00	23.99 1.65 0.00	25.32 1.75 0.00	24.79 1.71 0.00	23.50 1.65 0.00	26.53 1.86 0.00	29.90 2.09 0.00	33.33 2.48 0.00	28.06 1.89 0.00	26.56 1.67 0.00	30.69 2.31 0.00	35.82 2.85 0.00	24.87 1.99 0.00	25.08 2.17 0.00	34.48 2.85 0.00	25.46 2.18 0.00	23.31 1.98 0.00	22.31 1.82 0.00
INDECK___ILION 23567	21.09 0.03 0.00	18.84 0.03 0.00	15.51 -0.06 0.00	14.32 -0.06 0.00	14.58 -0.05 0.00	16.90 -0.03 0.00	19.86 -0.01 0.00	22.32 -0.02 0.00	23.51 -0.06 0.00	23.05 -0.03 0.00	21.85 0.00 0.00	24.69 0.02 0.00	27.82 0.00 0.00	30.82 -0.02 0.00	26.13 -0.04 0.00	24.76 -0.13 0.00	28.28 -0.10 0.00	32.96 -0.01 0.00	22.97 0.09 0.00	23.11 0.20 0.00	31.95 0.32 0.00	23.51 0.24 0.00	21.54 0.20 0.00	20.64 0.15 0.00
INDECK___OLEAN 23982	21.41 0.36 0.00	19.07 0.26 0.00	15.49 -0.07 0.00	14.31 -0.06 0.00	14.58 -0.05 0.00	17.03 0.10 0.00	20.05 0.17 0.00	23.05 0.71 0.00	24.46 0.90 0.01	24.00 0.95 0.03	22.58 0.73 0.00	24.02 0.74 1.39	26.31 0.51 2.02	28.67 0.38 2.55	25.25 0.43 1.35	24.19 0.41 1.11	27.25 0.38 1.51	26.73 0.17 6.41	22.25 0.10 0.72	22.10 0.01 0.82	27.10 0.20 4.73	22.35 0.05 0.97	20.38 0.09 1.04	20.44 0.28 0.34
INDECK___OSWEGO 23783	20.48 -0.57 0.00	18.28 -0.53 0.00	15.08 -0.48 0.00	13.92 -0.45 0.00	14.18 -0.45 0.00	16.44 -0.48 0.00	19.30 -0.57 0.00	21.76 -0.58 0.00	22.99 -0.60 -0.02	22.55 -0.59 -0.06	21.26 -0.60 0.00	26.53 -0.67 -2.53	30.73 -0.74 -3.66	34.62 -0.87 -4.64	27.93 -0.71 -2.46	26.23 -0.69 -2.03	30.31 -0.81 -2.74	43.70 -0.90 -11.63	23.60 -0.58 -1.31	23.82 -0.57 -1.49	39.52 -0.72 -8.62	24.51 -0.53 -1.77	22.71 -0.51 -1.89	20.61 -0.50 -0.61



INDECK___YERKES 23781	21.00 -0.06 0.00	18.62 -0.19 0.00	15.10 -0.47 0.00	13.95 -0.42 0.00	14.24 -0.38 0.00	16.59 -0.34 0.00	19.37 -0.51 0.00	22.02 -0.31 0.00	23.26 -0.30 0.02	22.89 -0.15 0.04	21.58 -0.27 0.00	22.80 -0.20 1.67	24.94 -0.49 2.39	26.98 -0.86 3.00	24.00 -0.57 1.60	23.13 -0.44 1.32	25.92 -0.68 1.78	24.36 -1.09 7.52	21.35 -0.67 0.85	21.11 -0.84 0.97	25.08 -1.00 5.55	21.41 -0.72 1.15	19.48 -0.63 1.23	19.85 -0.24 0.40
INDIAN POINT_GT_1 24139	22.11 1.05 0.00	19.78 0.97 0.00	16.29 0.72 0.00	14.97 0.60 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.78 0.90 0.00	23.33 0.99 0.00	24.72 1.15 0.00	24.32 1.24 0.00	23.14 1.29 0.00	26.19 1.52 0.00	29.52 1.70 0.00	32.83 1.99 0.00	27.94 1.77 0.00	26.59 1.70 0.00	30.36 1.98 0.00	35.27 2.30 0.00	24.46 1.59 0.00	24.40 1.49 0.00	33.58 1.95 0.00	24.75 1.48 0.00	22.65 1.31 0.00	21.74 1.24 0.00
INDIAN POINT_GT_2 23659	22.11 1.05 0.00	19.78 0.97 0.00	16.29 0.72 0.00	14.97 0.60 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.78 0.90 0.00	23.33 0.99 0.00	24.72 1.15 0.00	24.32 1.24 0.00	23.14 1.29 0.00	26.19 1.52 0.00	29.52 1.70 0.00	32.83 1.99 0.00	27.94 1.77 0.00	26.59 1.70 0.00	30.36 1.98 0.00	35.27 2.30 0.00	24.46 1.59 0.00	24.40 1.49 0.00	33.58 1.95 0.00	24.75 1.48 0.00	22.65 1.31 0.00	21.74 1.24 0.00
INDIAN POINT_GT_3 24019	22.11 1.05 0.00	19.78 0.97 0.00	16.29 0.72 0.00	14.97 0.60 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.78 0.90 0.00	23.33 0.99 0.00	24.72 1.15 0.00	24.32 1.24 0.00	23.14 1.29 0.00	26.19 1.52 0.00	29.52 1.70 0.00	32.83 1.99 0.00	27.94 1.77 0.00	26.59 1.70 0.00	30.36 1.98 0.00	35.27 2.30 0.00	24.46 1.59 0.00	24.40 1.49 0.00	33.58 1.95 0.00	24.75 1.48 0.00	22.65 1.31 0.00	21.74 1.24 0.00
INDIAN POINT___2 23530	22.08 1.02 0.00	19.75 0.94 0.00	16.26 0.70 0.00	14.95 0.58 0.00	15.19 0.56 0.00	17.63 0.70 0.00	20.74 0.87 0.00	23.30 0.96 0.00	24.69 1.12 0.00	24.29 1.21 0.00	23.11 1.26 0.00	26.15 1.49 0.00	29.47 1.66 0.00	32.80 1.96 0.00	27.90 1.74 0.00	26.55 1.66 0.00	30.32 1.94 0.00	35.22 2.25 0.00	24.42 1.55 0.00	24.35 1.44 0.00	33.52 1.89 0.00	24.72 1.44 0.00	22.60 1.27 0.00	21.70 1.21 0.00
INDIAN POINT___3 23531	22.09 1.03 0.00	19.76 0.95 0.00	16.27 0.71 0.00	14.96 0.59 0.00	15.20 0.57 0.00	17.64 0.71 0.00	20.75 0.88 0.00	23.31 0.97 0.00	24.69 1.12 0.00	24.29 1.20 0.00	23.11 1.26 0.00	26.15 1.49 0.00	29.48 1.66 0.00	32.79 1.95 0.00	27.90 1.74 0.00	26.55 1.66 0.00	30.32 1.94 0.00	35.22 2.25 0.00	24.42 1.55 0.00	24.36 1.45 0.00	33.53 1.90 0.00	24.72 1.44 0.00	22.62 1.29 0.00	21.71 1.21 0.00
INGHAM_C_115KV_TB7 356103	20.92 -0.13 0.00	18.71 -0.10 0.00	15.30 -0.26 0.00	14.13 -0.24 0.00	14.39 -0.23 0.00	16.70 -0.22 0.00	19.66 -0.22 0.00	22.06 -0.28 0.00	23.19 -0.38 0.00	22.77 -0.31 0.00	21.68 -0.18 0.00	24.54 -0.13 0.00	27.57 -0.24 0.00	30.50 -0.34 0.00	25.82 -0.35 0.00	24.34 -0.55 0.00	27.88 -0.50 0.00	32.56 -0.41 0.00	22.83 -0.05 0.00	23.10 0.19 0.00	31.99 0.36 0.00	23.55 0.27 0.00	21.58 0.25 0.00	20.63 0.13 0.00
IP CORINTH___1 23988	22.63 1.57 0.00	20.24 1.43 0.00	16.67 1.10 0.00	15.38 1.01 0.00	15.67 1.04 0.00	18.16 1.23 0.00	21.41 1.53 0.00	23.99 1.65 0.00	25.32 1.75 0.00	24.79 1.71 0.00	23.50 1.65 0.00	26.53 1.86 0.00	29.91 2.09 0.00	33.33 2.48 0.00	28.06 1.89 0.00	26.56 1.67 0.00	30.69 2.31 0.00	35.82 2.85 0.00	24.87 2.00 0.00	25.08 2.17 0.00	34.48 2.85 0.00	25.46 2.18 0.00	23.31 1.98 0.00	22.31 1.82 0.00
IP___TICONDEROGA 23804	23.16 2.10 0.00	20.81 2.00 0.00	17.13 1.57 0.00	15.83 1.46 0.00	16.13 1.50 0.00	18.78 1.85 0.00	22.23 2.36 0.00	24.85 2.52 0.00	26.23 2.66 0.00	25.64 2.56 0.00	24.34 2.49 0.00	27.45 2.78 0.00	31.11 3.30 0.00	34.93 4.08 0.00	29.37 3.20 0.00	27.73 2.84 0.00	32.54 4.16 0.00	37.51 4.54 0.00	26.14 3.27 0.00	26.29 3.38 0.00	36.18 4.54 0.00	26.61 3.33 0.00	24.39 3.05 0.00	23.36 2.86 0.00
ISLIP_RES_REC 323679	19.56 1.45 2.95	18.67 1.36 1.50	16.66 1.10 0.00	15.34 0.97 0.00	15.51 0.88 0.00	18.00 1.07 0.00	21.05 1.18 0.00	21.06 1.11 2.38	22.05 1.25 2.77	18.66 1.42 5.84	27.89 1.74 -4.29	33.22 2.07 -6.48	27.94 2.01 1.88	30.95 2.63 2.53	28.24 2.23 0.16	28.32 2.28 -1.15	29.83 2.75 1.30	35.29 2.86 0.54	24.99 2.12 0.00	24.71 1.80 0.00	34.05 2.42 0.00	35.72 2.14 -10.30	42.32 1.97 -19.02	46.99 1.86 -24.62
JAMAICA__27_KV_LOAD 355505	22.39 1.33 0.00	20.04 1.23 0.00	16.51 0.95 0.00	15.17 0.80 0.00	15.41 0.78 0.00	17.89 0.96 0.00	21.06 1.18 0.00	23.64 1.30 0.00	25.08 1.52 0.00	24.69 1.61 0.00	23.42 1.57 0.00	26.53 1.86 0.00	29.87 2.06 0.00	33.24 2.40 0.00	28.31 2.14 0.00	26.93 2.04 0.00	30.69 2.31 0.00	35.66 2.69 0.00	24.75 1.87 0.00	24.68 1.77 0.00	33.96 2.33 0.00	25.08 1.80 0.00	23.02 1.69 0.00	22.06 1.56 0.00
JANIS___SOLAR 323808	21.67 0.61 0.00	19.31 0.50 0.00	15.88 0.31 0.00	14.73 0.35 0.00	15.01 0.38 0.00	17.49 0.56 0.00	20.65 0.78 0.00	23.39 1.05 0.00	24.51 0.94 0.00	23.87 0.79 0.01	22.33 0.48 0.00	24.85 0.52 0.34	27.89 0.57 0.49	30.86 0.63 0.62	26.34 0.50 0.33	25.24 0.62 0.27	28.86 0.85 0.37	32.46 1.05 1.57	23.67 0.97 0.17	23.81 1.10 0.20	32.16 1.67 1.15	24.23 1.19 0.23	22.10 1.02 0.25	21.32 0.91 0.08
JARVIS____ 23743	21.13 0.06 0.00	18.88 0.07 0.00	15.60 0.03 0.00	14.40 0.03 0.00	14.66 0.03 0.00	16.96 0.03 0.00	19.92 0.04 0.00	22.40 0.06 0.00	23.64 0.07 0.00	23.15 0.07 0.00	21.92 0.07 0.00	24.75 0.08 0.00	27.91 0.10 0.00	30.94 0.10 0.00	26.25 0.08 0.00	24.95 0.06 0.00	28.47 0.09 0.00	33.08 0.10 0.00	22.96 0.09 0.00	23.02 0.11 0.00	31.79 0.16 0.00	23.39 0.12 0.00	21.44 0.11 0.00	20.59 0.09 0.00
JENNISON___1 23625	21.87 0.81 0.00	19.50 0.69 0.00	16.02 0.46 0.00	14.84 0.47 0.00	15.12 0.49 0.00	17.63 0.70 0.00	20.80 0.93 0.00	23.55 1.22 0.00	24.81 1.25 0.00	24.23 1.16 0.01	22.80 0.95 0.00	25.43 1.12 0.35	28.55 1.25 0.51	31.51 1.31 0.65	26.98 1.15 0.34	25.73 1.12 0.28	29.41 1.41 0.38	33.01 1.67 1.63	23.97 1.28 0.18	24.02 1.32 0.21	32.33 1.89 1.20	24.38 1.35 0.25	22.23 1.16 0.26	21.46 1.05 0.09
JENNISON___2 23626	21.87 0.81 0.00	19.50 0.69 0.00	16.02 0.46 0.00	14.84 0.47 0.00	15.12 0.49 0.00	17.63 0.70 0.00	20.80 0.93 0.00	23.55 1.22 0.00	24.81 1.25 0.00	24.23 1.16 0.01	22.80 0.95 0.00	25.43 1.12 0.35	28.55 1.25 0.51	31.51 1.31 0.65	26.98 1.15 0.34	25.73 1.12 0.28	29.41 1.41 0.38	33.01 1.67 1.63	23.97 1.28 0.18	24.02 1.32 0.21	32.33 1.89 1.20	24.38 1.35 0.25	22.23 1.16 0.26	21.46 1.05 0.09

JERICO_RISE_WT_PWR 323719	21.53 0.48 0.00	19.25 0.44 0.00	16.02 0.46 0.00	14.82 0.45 0.00	15.07 0.44 0.00	17.38 0.45 0.00	20.40 0.52 0.00	22.79 0.46 0.00	23.86 0.29 0.00	23.26 0.18 0.00	21.90 0.05 0.00	24.78 0.11 0.00	27.89 0.08 0.00	31.05 0.21 0.00	26.10 -0.07 0.00	24.35 -0.54 0.00	28.65 0.27 0.00	33.55 0.58 0.00	23.16 0.29 0.00	23.15 0.24 0.00	31.73 0.10 0.00	23.23 -0.04 0.00	21.28 -0.06 0.00	20.25 -0.25 0.00
KATONAH__115KV_46KV_TB4 355592	22.22 1.17 0.00	19.88 1.07 0.00	16.37 0.81 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.48 1.14 0.00	24.86 1.29 0.00	24.47 1.38 0.00	23.27 1.42 0.00	26.34 1.67 0.00	29.67 1.85 0.00	33.00 2.16 0.00	28.10 1.93 0.00	26.76 1.87 0.00	30.56 2.18 0.00	35.50 2.53 0.00	24.63 1.76 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.93 1.65 0.00	22.81 1.47 0.00	21.87 1.37 0.00
KCE_NY_1 323755	22.38 1.33 0.00	19.99 1.18 0.00	16.47 0.91 0.00	15.20 0.82 0.00	15.46 0.83 0.00	17.92 0.99 0.00	21.12 1.24 0.00	23.67 1.33 0.00	24.95 1.37 0.00	24.42 1.34 0.00	23.19 1.34 0.00	26.21 1.54 0.00	29.49 1.68 0.00	32.80 1.96 0.00	27.73 1.56 0.00	26.25 1.36 0.00	30.20 1.82 0.00	35.14 2.17 0.00	24.43 1.55 0.00	24.61 1.70 0.00	33.92 2.29 0.00	24.97 1.70 0.00	22.87 1.53 0.00	21.92 1.43 0.00
KCE_NY_6_ESR 323823	21.15 0.09 0.00	18.75 -0.06 0.00	15.21 -0.35 0.00	14.06 -0.31 0.00	14.35 -0.28 0.00	16.72 -0.21 0.00	19.57 -0.30 0.00	22.37 0.03 0.00	23.67 0.12 0.02	23.27 0.22 0.04	21.91 0.06 0.00	23.26 0.17 1.58	25.47 -0.06 2.28	27.61 -0.35 2.88	24.51 -0.13 1.53	23.59 -0.04 1.26	26.45 -0.22 1.71	25.18 -0.54 7.24	21.78 -0.28 0.81	21.58 -0.41 0.92	25.88 -0.40 5.35	21.89 -0.29 1.10	19.94 -0.22 1.18	20.16 0.05 0.38
KEDC_PORT_JEFF_GT2 24210	19.17 1.30 3.19	18.42 1.23 1.62	16.57 1.01 0.00	15.25 0.87 0.00	15.42 0.79 0.00	17.88 0.95 0.00	20.89 1.01 0.00	20.66 0.90 2.58	21.58 1.00 2.99	17.94 1.16 6.30	27.22 1.50 -3.86	32.93 1.78 -6.48	27.48 1.73 2.06	30.31 2.24 2.77	27.91 1.91 0.17	27.87 1.98 -1.00	28.97 2.38 1.79	34.63 2.24 0.58	24.63 1.75 0.00	24.29 1.38 0.00	33.46 1.83 0.00	35.37 1.79 -10.30	42.04 1.69 -19.02	46.78 1.66 -24.62
KEDC_PORT_JEFF_GT3 24211	19.17 1.30 3.19	18.42 1.23 1.62	16.57 1.01 0.00	15.25 0.87 0.00	15.42 0.79 0.00	17.88 0.95 0.00	20.89 1.01 0.00	20.66 0.90 2.58	21.58 1.00 2.99	17.94 1.16 6.30	27.22 1.50 -3.86	32.93 1.78 -6.48	27.48 1.73 2.06	30.31 2.24 2.77	27.91 1.91 0.17	27.87 1.98 -1.00	28.97 2.38 1.79	34.63 2.24 0.58	24.63 1.75 0.00	24.29 1.38 0.00	33.46 1.83 0.00	35.37 1.79 -10.30	42.04 1.69 -19.02	46.78 1.66 -24.62
KEDC_GLWD_GT4 24219	28.58 1.33 -6.20	23.18 1.23 -3.14	16.53 0.96 0.00	15.19 0.82 0.00	15.42 0.79 0.00	17.89 0.96 0.00	21.02 1.14 0.00	28.55 1.21 -5.01	30.73 1.35 -5.81	36.83 1.49 -12.25	44.39 1.68 -20.86	33.12 1.97 -6.48	35.09 2.12 -5.16	40.12 2.38 -6.90	28.55 2.05 -0.33	33.99 2.07 -7.03	48.31 2.37 -17.55	36.67 2.57 -1.14	24.66 1.79 0.00	24.50 1.59 0.00	33.77 2.14 0.00	35.40 1.83 -10.30	42.06 1.70 -19.02	46.74 1.62 -24.62
KEDC_GLWD_GT5 24220	28.58 1.33 -6.20	23.18 1.23 -3.14	16.53 0.96 0.00	15.19 0.82 0.00	15.42 0.79 0.00	17.89 0.96 0.00	21.02 1.14 0.00	28.55 1.21 -5.01	30.73 1.35 -5.81	36.83 1.49 -12.25	44.39 1.68 -20.86	33.12 1.97 -6.48	35.09 2.12 -5.16	40.12 2.38 -6.90	28.55 2.05 -0.33	33.99 2.07 -7.03	48.31 2.37 -17.55	36.67 2.57 -1.14	24.66 1.79 0.00	24.50 1.59 0.00	33.77 2.14 0.00	35.40 1.83 -10.30	42.06 1.70 -19.02	46.74 1.62 -24.62
KENSICO____ 23655	22.16 1.10 0.00	19.82 1.02 0.00	16.32 0.76 0.00	15.01 0.64 0.00	15.26 0.63 0.00	17.70 0.77 0.00	20.83 0.96 0.00	23.39 1.05 0.00	24.78 1.21 0.00	24.38 1.30 0.00	23.20 1.35 0.00	26.27 1.60 0.00	29.60 1.79 0.00	32.92 2.07 0.00	28.02 1.85 0.00	26.66 1.78 0.00	30.44 2.06 0.00	35.36 2.39 0.00	24.52 1.65 0.00	24.45 1.55 0.00	33.66 2.03 0.00	24.81 1.54 0.00	22.71 1.38 0.00	21.79 1.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.06 1.00 0.00	19.72 0.91 0.00	16.23 0.67 0.00	14.92 0.55 0.00	15.16 0.54 0.00	17.61 0.68 0.00	20.74 0.86 0.00	23.30 0.96 0.00	24.66 1.09 0.00	24.24 1.16 0.00	22.95 1.10 0.00	25.95 1.28 0.00	29.31 1.50 0.00	32.57 1.73 0.00	27.77 1.60 0.00	26.50 1.61 0.00	30.27 1.89 0.00	35.17 2.20 0.00	24.41 1.54 0.00	24.38 1.47 0.00	33.53 1.90 0.00	24.70 1.43 0.00	22.57 1.23 0.00	21.65 1.16 0.00
KIAC_JFK_GT1 23816	22.27 1.22 0.00	19.94 1.13 0.00	16.44 0.87 0.00	15.11 0.73 0.00	15.34 0.71 0.00	17.81 0.88 0.00	20.95 1.08 0.00	23.52 1.18 0.00	24.95 1.38 0.00	24.56 1.48 0.00	23.31 1.45 0.00	26.40 1.73 0.00	29.70 1.89 0.00	33.06 2.21 0.00	28.16 2.00 0.00	26.77 1.88 0.00	30.43 2.05 0.00	35.35 2.38 0.00	24.54 1.67 0.00	24.47 1.56 0.00	33.69 2.05 0.00	24.94 1.66 0.00	22.89 1.56 0.00	21.94 1.44 0.00
KIAC_JFK_GT2 23817	22.27 1.22 0.00	19.94 1.13 0.00	16.44 0.87 0.00	15.11 0.73 0.00	15.34 0.71 0.00	17.81 0.88 0.00	20.95 1.08 0.00	23.52 1.18 0.00	24.95 1.38 0.00	24.56 1.48 0.00	23.31 1.45 0.00	26.40 1.73 0.00	29.70 1.89 0.00	33.06 2.21 0.00	28.16 2.00 0.00	26.77 1.88 0.00	30.43 2.05 0.00	35.35 2.38 0.00	24.54 1.67 0.00	24.47 1.56 0.00	33.69 2.05 0.00	24.94 1.66 0.00	22.89 1.56 0.00	21.94 1.44 0.00
KIAC_JFK____ 323774	22.27 1.22 0.00	19.94 1.13 0.00	16.43 0.87 0.00	15.11 0.73 0.00	15.34 0.71 0.00	17.81 0.88 0.00	20.96 1.08 0.00	23.52 1.18 0.00	24.95 1.38 0.00	24.56 1.48 0.00	23.31 1.45 0.00	26.40 1.73 0.00	29.70 1.89 0.00	33.06 2.22 0.00	28.16 1.99 0.00	26.76 1.87 0.00	30.43 2.05 0.00	35.35 2.38 0.00	24.53 1.66 0.00	24.46 1.55 0.00	33.68 2.05 0.00	24.94 1.66 0.00	22.89 1.55 0.00	21.94 1.45 0.00
KINTIGH____ 23543	20.84 -0.22 0.00	18.49 -0.32 0.00	15.05 -0.52 0.00	13.89 -0.48 0.00	14.18 -0.44 0.00	16.50 -0.43 0.00	19.30 -0.57 0.00	21.99 -0.34 0.00	23.24 -0.32 0.02	22.84 -0.20 0.04	21.55 -0.30 0.00	22.55 -0.27 1.85	24.62 -0.51 2.69	26.59 -0.86 3.41	23.76 -0.60 1.80	22.94 -0.46 1.48	25.68 -0.68 2.01	23.42 -1.00 8.55	21.29 -0.62 0.96	21.06 -0.76 1.09	24.40 -0.92 6.31	21.36 -0.63 1.29	19.42 -0.53 1.38	19.78 -0.27 0.45
KNTFSRNC_46_KV_46KV_LOAD 80397	21.86 0.80 0.00	19.55 0.74 0.00	16.24 0.68 0.00	15.02 0.65 0.00	15.28 0.65 0.00	17.64 0.71 0.00	20.73 0.85 0.00	23.15 0.81 0.00	24.22 0.65 0.00	23.57 0.49 0.00	22.20 0.35 0.00	25.15 0.48 0.00	28.30 0.48 0.00	31.53 0.68 0.00	26.48 0.31 0.00	24.64 -0.25 0.00	29.13 0.75 0.00	34.16 1.19 0.00	23.64 0.77 0.00	23.64 0.73 0.00	32.37 0.74 0.00	23.66 0.39 0.00	21.65 0.31 0.00	20.56 0.07 0.00

LACHUTE____HYDRO 323717	23.16 2.10 0.00	20.81 2.00 0.00	17.13 1.57 0.00	15.83 1.46 0.00	16.13 1.50 0.00	18.78 1.85 0.00	22.23 2.36 0.00	24.85 2.52 0.00	26.23 2.66 0.00	25.64 2.56 0.00	24.34 2.49 0.00	27.45 2.78 0.00	31.10 3.29 0.00	34.93 4.08 0.00	29.36 3.19 0.00	27.72 2.83 0.00	32.54 4.16 0.00	37.51 4.54 0.00	26.14 3.27 0.00	26.29 3.38 0.00	36.18 4.54 0.00	26.60 3.32 0.00	24.39 3.05 0.00	23.36 2.86 0.00
LAWRNCAV_115KV_TB1 80681	21.23 0.17 0.00	18.94 0.13 0.00	15.78 0.22 0.00	14.60 0.23 0.00	14.88 0.25 0.00	17.21 0.28 0.00	20.26 0.39 0.00	22.71 0.38 0.00	23.81 0.24 0.00	22.95 -0.13 0.00	21.50 -0.35 0.00	24.23 -0.44 0.00	27.33 -0.48 0.00	30.25 -0.59 0.00	25.46 -0.70 0.00	24.10 -0.79 0.00	27.57 -0.81 0.00	32.07 -0.90 0.00	22.09 -0.78 0.00	22.20 -0.71 0.00	30.78 -0.85 0.00	22.60 -0.67 0.00	20.73 -0.60 0.00	19.91 -0.59 0.00
LEDERLE____ 23769	22.15 1.09 0.00	19.81 1.00 0.00	16.31 0.75 0.00	15.00 0.63 0.00	15.24 0.61 0.00	17.68 0.76 0.00	20.81 0.94 0.00	23.40 1.07 0.00	24.81 1.24 0.00	24.42 1.34 0.00	23.23 1.37 0.00	26.29 1.62 0.00	29.68 1.86 0.00	33.00 2.16 0.00	28.09 1.92 0.00	26.73 1.84 0.00	30.51 2.13 0.00	35.42 2.45 0.00	24.55 1.67 0.00	24.48 1.56 0.00	33.68 2.05 0.00	24.82 1.54 0.00	22.69 1.35 0.00	21.77 1.28 0.00
LIGHTHSE_115KV_TB6 355974	20.82 -0.24 0.00	18.58 -0.23 0.00	15.33 -0.23 0.00	14.15 -0.22 0.00	14.42 -0.21 0.00	16.73 -0.19 0.00	19.66 -0.21 0.00	22.19 -0.15 0.00	23.46 -0.11 -0.01	22.92 -0.18 -0.02	21.56 -0.29 0.00	25.31 -0.35 -0.99	28.78 -0.47 -1.44	31.99 -0.67 -1.82	26.56 -0.58 -0.97	25.06 -0.63 -0.80	28.64 -0.81 -1.07	36.63 -0.86 -4.53	22.89 -0.50 -0.51	23.08 -0.42 -0.59	34.60 -0.42 -3.39	23.73 -0.24 -0.70	21.80 -0.28 -0.74	20.47 -0.26 -0.24
LINDEN COGEN____ 23786	22.15 1.09 0.00	19.83 1.02 0.00	16.33 0.76 0.00	15.00 0.63 0.00	15.22 0.59 0.00	17.67 0.74 0.00	20.82 0.95 0.00	23.40 1.06 0.00	24.81 1.24 0.00	24.44 1.35 0.00	23.26 1.40 0.00	26.34 1.67 0.00	29.72 1.90 0.00	33.01 2.16 0.00	28.11 1.94 0.00	26.75 1.86 0.00	30.53 2.15 0.00	35.44 2.47 0.00	24.55 1.68 0.00	24.47 1.56 0.00	33.67 2.04 0.00	24.83 1.55 0.00	22.72 1.38 0.00	21.82 1.32 0.00
LINDHRST_69_KV_BK1 356055	23.40 1.53 -0.81	20.63 1.41 -0.41	16.70 1.14 0.00	15.35 0.98 0.00	15.55 0.91 0.00	18.04 1.11 0.00	21.15 1.28 0.00	24.27 1.28 -0.65	25.73 1.40 -0.76	26.21 1.52 -1.60	34.78 1.83 -11.10	33.27 2.11 -6.48	30.98 2.15 -1.02	34.79 2.59 -1.35	28.45 2.24 -0.04	30.71 2.25 -3.57	37.47 2.63 -6.45	35.96 2.84 -0.15	24.91 2.04 0.00	24.70 1.80 0.00	34.15 2.52 0.00	35.76 2.18 -10.30	42.35 2.00 -19.02	47.02 1.90 -24.62
LIPA_MISC_IPP 23656	18.92 1.15 3.28	18.26 1.11 1.66	16.46 0.90 0.00	15.17 0.79 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.79 0.91 0.00	20.51 0.82 2.65	21.37 0.88 3.08	17.64 1.05 6.49	26.92 1.38 -3.69	32.79 1.64 -6.48	27.28 1.60 2.14	30.07 2.10 2.87	27.73 1.74 0.17	27.66 1.83 -0.94	28.65 2.25 1.98	34.67 2.30 0.60	24.61 1.73 0.00	24.34 1.43 0.00	33.55 1.92 0.00	35.34 1.76 -10.30	41.99 1.64 -19.02	46.66 1.54 -24.62
LISF____SOLAR 323691	18.96 1.15 3.24	18.27 1.10 1.64	16.46 0.90 0.00	15.17 0.79 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.79 0.92 0.00	20.51 0.79 2.62	21.40 0.87 3.04	17.70 1.03 6.41	26.97 1.36 -3.76	32.76 1.61 -6.48	27.29 1.58 2.10	30.09 2.07 2.83	27.70 1.71 0.17	27.67 1.81 -0.96	28.72 2.24 1.90	34.69 2.31 0.59	24.62 1.75 0.00	24.36 1.45 0.00	33.59 1.96 0.00	35.37 1.79 -10.30	42.01 1.66 -19.02	46.68 1.56 -24.62
LITTLE FALLS____HYD 24013	20.92 -0.13 0.00	18.71 -0.10 0.00	15.30 -0.26 0.00	14.13 -0.24 0.00	14.39 -0.23 0.00	16.70 -0.22 0.00	19.66 -0.22 0.00	22.06 -0.28 0.00	23.19 -0.38 0.00	22.77 -0.31 0.00	21.68 -0.18 0.00	24.54 -0.13 0.00	27.57 -0.24 0.00	30.50 -0.34 0.00	25.82 -0.35 0.00	24.34 -0.55 0.00	27.88 -0.50 0.00	32.56 -0.41 0.00	22.83 -0.05 0.00	23.10 0.19 0.00	31.99 0.36 0.00	23.55 0.27 0.00	21.58 0.25 0.00	20.63 0.13 0.00
LITTLRIV_115KV_TB1 356100	21.39 0.33 0.00	19.07 0.26 0.00	15.90 0.34 0.00	14.72 0.34 0.00	15.01 0.38 0.00	17.36 0.44 0.00	20.46 0.58 0.00	22.93 0.60 0.00	24.04 0.47 0.00	23.22 0.13 0.00	21.78 -0.07 0.00	24.53 -0.14 0.00	27.72 -0.10 0.00	30.65 -0.20 0.00	25.82 -0.35 0.00	24.45 -0.44 0.00	27.97 -0.41 0.00	32.54 -0.43 0.00	22.40 -0.47 0.00	22.49 -0.42 0.00	31.12 -0.51 0.00	22.86 -0.42 0.00	20.94 -0.39 0.00	20.09 -0.40 0.00
LI_NEWBRDGE____DRP 323616	16.90 1.24 5.40	17.23 1.16 2.74	16.50 0.94 0.00	15.16 0.79 0.00	15.37 0.74 0.00	17.83 0.90 0.00	20.89 1.02 0.00	18.99 1.02 4.36	19.61 1.10 5.06	13.67 1.26 10.67	23.25 1.53 0.14	32.95 1.80 -6.48	25.90 1.86 3.76	27.99 2.19 5.05	27.81 1.92 0.29	26.42 1.95 0.42	24.33 2.29 6.34	34.41 2.43 0.99	24.60 1.73 0.00	24.39 1.48 0.00	33.65 2.02 0.00	35.35 1.77 -10.30	41.98 1.63 -19.02	46.69 1.57 -24.62
LOCKPORT_115KV_TB60_63_64 80432	20.93 -0.13 0.00	18.55 -0.26 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.20 -0.43 0.00	16.53 -0.40 0.00	19.29 -0.58 0.00	22.01 -0.33 0.00	23.25 -0.31 0.02	22.86 -0.18 0.04	21.55 -0.31 0.00	22.71 -0.25 1.71	24.79 -0.56 2.47	26.75 -0.97 3.12	23.85 -0.67 1.66	23.04 -0.49 1.36	25.80 -0.74 1.85	23.92 -1.23 7.82	21.24 -0.76 0.88	20.96 -0.95 1.00	24.71 -1.15 5.77	21.31 -0.78 1.19	19.39 -0.67 1.27	19.79 -0.29 0.42
LOCKPORT____CC1 323769	20.93 -0.13 0.00	18.54 -0.27 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.19 -0.44 0.00	16.52 -0.40 0.00	19.29 -0.58 0.00	22.01 -0.33 0.00	23.25 -0.30 0.02	22.87 -0.17 0.04	21.56 -0.30 0.00	22.73 -0.24 1.70	24.83 -0.53 2.46	26.80 -0.94 3.11	23.89 -0.63 1.65	23.06 -0.47 1.36	25.82 -0.72 1.84	23.98 -1.20 7.80	21.28 -0.72 0.87	21.01 -0.90 0.99	24.77 -1.11 5.75	21.33 -0.76 1.18	19.43 -0.64 1.27	19.80 -0.28 0.41
LOCKPORT____CC2 323770	20.93 -0.13 0.00	18.54 -0.27 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.19 -0.44 0.00	16.52 -0.40 0.00	19.29 -0.58 0.00	22.01 -0.33 0.00	23.25 -0.30 0.02	22.87 -0.17 0.04	21.56 -0.30 0.00	22.73 -0.24 1.70	24.83 -0.53 2.46	26.80 -0.94 3.11	23.89 -0.63 1.65	23.06 -0.47 1.36	25.82 -0.72 1.84	23.98 -1.20 7.80	21.28 -0.72 0.87	21.01 -0.90 0.99	24.77 -1.11 5.75	21.33 -0.76 1.18	19.43 -0.64 1.27	19.80 -0.28 0.41
LOCKPORT____CC3 323771	20.93 -0.13 0.00	18.54 -0.27 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.19 -0.44 0.00	16.52 -0.40 0.00	19.29 -0.58 0.00	22.01 -0.33 0.00	23.25 -0.30 0.02	22.87 -0.17 0.04	21.56 -0.30 0.00	22.73 -0.24 1.70	24.83 -0.53 2.46	26.80 -0.94 3.11	23.89 -0.63 1.65	23.06 -0.47 1.36	25.82 -0.72 1.84	23.98 -1.20 7.80	21.28 -0.72 0.87	21.01 -0.90 0.99	24.77 -1.11 5.75	21.33 -0.76 1.18	19.43 -0.64 1.27	19.80 -0.28 0.41

LONG_LAKE_PHOENIX 24014	20.57 -0.49 0.00	18.35 -0.45 0.00	15.14 -0.43 0.00	13.98 -0.40 0.00	14.24 -0.39 0.00	16.51 -0.42 0.00	19.38 -0.49 0.00	21.87 -0.47 0.00	23.14 -0.44 -0.02	22.68 -0.44 -0.04	21.40 -0.45 0.00	25.77 -0.53 -1.64	29.61 -0.57 -2.37	33.17 -0.69 -3.00	27.24 -0.53 -1.60	25.70 -0.51 -1.32	29.56 -0.59 -1.77	39.83 -0.65 -7.51	23.32 -0.40 -0.85	23.48 -0.40 -0.96	36.74 -0.48 -5.60	24.06 -0.36 -1.15	22.19 -0.38 -1.23	20.51 -0.38 -0.39
LOVETT___3 23632	22.06 1.00 0.00	19.73 0.92 0.00	16.26 0.70 0.00	14.96 0.59 0.00	15.20 0.57 0.00	17.64 0.71 0.00	20.75 0.87 0.00	23.32 0.98 0.00	24.72 1.15 0.00	24.33 1.25 0.00	23.15 1.29 0.00	26.19 1.52 0.00	29.54 1.72 0.00	32.86 2.02 0.00	27.97 1.80 0.00	26.61 1.72 0.00	30.37 1.99 0.00	35.21 2.24 0.00	24.40 1.53 0.00	24.34 1.42 0.00	33.49 1.86 0.00	24.69 1.41 0.00	22.58 1.24 0.00	21.68 1.19 0.00
LOVETT___4 23642	22.06 1.00 0.00	19.73 0.92 0.00	16.26 0.70 0.00	14.96 0.59 0.00	15.20 0.57 0.00	17.64 0.71 0.00	20.75 0.87 0.00	23.32 0.98 0.00	24.72 1.15 0.00	24.33 1.25 0.00	23.15 1.29 0.00	26.19 1.52 0.00	29.54 1.72 0.00	32.86 2.02 0.00	27.97 1.80 0.00	26.61 1.72 0.00	30.37 1.99 0.00	35.21 2.24 0.00	24.40 1.53 0.00	24.34 1.42 0.00	33.49 1.86 0.00	24.69 1.41 0.00	22.58 1.24 0.00	21.68 1.19 0.00
LOVETT___5 23593	22.06 1.00 0.00	19.73 0.92 0.00	16.26 0.70 0.00	14.96 0.59 0.00	15.20 0.57 0.00	17.64 0.71 0.00	20.75 0.87 0.00	23.32 0.98 0.00	24.72 1.15 0.00	24.33 1.25 0.00	23.15 1.29 0.00	26.19 1.52 0.00	29.54 1.72 0.00	32.86 2.02 0.00	27.97 1.80 0.00	26.61 1.72 0.00	30.37 1.99 0.00	35.21 2.24 0.00	24.40 1.53 0.00	24.34 1.42 0.00	33.49 1.86 0.00	24.69 1.41 0.00	22.58 1.24 0.00	21.68 1.19 0.00
LOWER_RAQUET___HYD 24057	21.23 0.17 0.00	18.94 0.13 0.00	15.78 0.22 0.00	14.60 0.23 0.00	14.88 0.25 0.00	17.21 0.28 0.00	20.26 0.39 0.00	22.71 0.38 0.00	23.81 0.24 0.00	22.94 -0.14 0.00	21.50 -0.35 0.00	24.23 -0.44 0.00	27.33 -0.49 0.00	30.24 -0.60 0.00	25.45 -0.71 0.00	24.09 -0.80 0.00	27.56 -0.83 0.00	32.07 -0.90 0.00	22.09 -0.78 0.00	22.19 -0.72 0.00	30.68 -0.95 0.00	22.53 -0.75 0.00	20.66 -0.68 0.00	19.84 -0.66 0.00
LOWER___HUDSON 24059	21.99 0.93 0.00	19.67 0.86 0.00	16.22 0.66 0.00	14.97 0.60 0.00	15.23 0.61 0.00	17.62 0.69 0.00	20.72 0.85 0.00	23.19 0.85 0.00	24.45 0.88 0.00	23.96 0.88 0.00	22.78 0.93 0.00	25.68 1.02 0.00	28.93 1.11 0.00	32.17 1.33 0.00	27.22 1.05 0.00	25.72 0.83 0.00	29.49 1.11 0.00	34.24 1.27 0.00	23.83 0.96 0.00	24.02 1.11 0.00	33.11 1.48 0.00	24.39 1.11 0.00	22.40 1.06 0.00	21.47 0.97 0.00
LOWVILLE_115KV_TB2 356335	21.53 0.47 0.00	19.21 0.40 0.00	15.89 0.32 0.00	14.68 0.31 0.00	14.95 0.32 0.00	17.34 0.41 0.00	20.43 0.55 0.00	23.00 0.66 0.00	24.24 0.67 0.00	23.57 0.49 0.00	22.14 0.29 0.00	24.89 0.22 0.00	27.97 0.16 0.00	30.72 -0.12 0.00	25.96 -0.21 0.00	24.60 -0.29 0.00	28.05 -0.33 0.00	32.74 -0.23 0.00	22.83 -0.04 0.00	23.06 0.15 0.00	32.01 0.37 0.00	23.53 0.26 0.00	21.53 0.20 0.00	20.68 0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.37 1.31 0.00	20.00 1.19 0.00	16.48 0.92 0.00	15.20 0.83 0.00	15.48 0.85 0.00	17.93 1.00 0.00	21.11 1.24 0.00	23.65 1.31 0.00	24.94 1.37 0.00	24.42 1.34 0.00	23.20 1.34 0.00	26.20 1.52 0.00	29.48 1.67 0.00	32.80 1.96 0.00	27.73 1.57 0.00	26.26 1.37 0.00	30.17 1.79 0.00	35.11 2.14 0.00	24.41 1.54 0.00	24.59 1.68 0.00	33.89 2.26 0.00	24.96 1.68 0.00	22.87 1.54 0.00	21.91 1.42 0.00
LUTHERNY_35_KV_BK2 355980	22.38 1.33 0.00	19.98 1.18 0.00	16.47 0.91 0.00	15.20 0.82 0.00	15.47 0.84 0.00	17.92 0.99 0.00	21.12 1.24 0.00	23.67 1.33 0.00	24.95 1.38 0.00	24.42 1.34 0.00	23.19 1.34 0.00	26.21 1.54 0.00	29.49 1.68 0.00	32.80 1.96 0.00	27.73 1.57 0.00	26.25 1.36 0.00	30.20 1.82 0.00	35.14 2.17 0.00	24.43 1.55 0.00	24.61 1.70 0.00	33.92 2.29 0.00	24.97 1.70 0.00	22.87 1.53 0.00	21.92 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	21.36 0.30 0.00	19.05 0.24 0.00	15.82 0.26 0.00	14.62 0.25 0.00	14.90 0.27 0.00	17.25 0.33 0.00	20.32 0.45 0.00	22.83 0.50 0.00	24.00 0.43 0.00	23.21 0.13 0.00	21.77 -0.09 0.00	24.49 -0.17 0.00	27.53 -0.29 0.00	30.37 -0.48 0.00	25.58 -0.59 0.00	24.18 -0.72 0.00	27.65 -0.73 0.00	32.24 -0.73 0.00	22.30 -0.57 0.00	22.53 -0.38 0.00	31.21 -0.42 0.00	22.90 -0.38 0.00	21.03 -0.31 0.00	20.20 -0.29 0.00
LYONS_FALL_HYD 23570	21.51 0.45 0.00	19.19 0.39 0.00	15.87 0.30 0.00	14.65 0.28 0.00	14.92 0.29 0.00	17.31 0.38 0.00	20.38 0.50 0.00	22.94 0.61 0.00	24.21 0.63 0.00	23.59 0.50 0.00	22.22 0.36 0.00	24.99 0.32 0.00	28.16 0.34 0.00	30.99 0.14 0.00	26.21 0.04 0.00	24.87 -0.02 0.00	28.37 -0.01 0.00	33.07 0.10 0.00	23.04 0.17 0.00	23.23 0.32 0.00	32.19 0.56 0.00	23.66 0.38 0.00	21.64 0.31 0.00	20.77 0.28 0.00
MADISON___COUNTY_LFGE 323628	21.55 0.49 0.00	19.22 0.42 0.00	15.86 0.30 0.00	14.66 0.29 0.00	14.94 0.31 0.00	17.33 0.40 0.00	20.40 0.52 0.00	22.99 0.65 0.00	24.32 0.75 0.00	23.75 0.67 0.00	22.40 0.55 0.00	25.23 0.56 0.00	28.51 0.69 0.00	31.40 0.55 0.00	26.58 0.41 0.00	25.26 0.37 0.00	28.81 0.45 0.02	33.47 0.58 0.08	23.38 0.50 0.00	23.53 0.62 0.00	32.56 0.93 0.00	23.94 0.67 0.00	21.87 0.53 0.00	20.94 0.45 0.01
MALONE___115KV_TB1 356076	21.64 0.58 0.00	19.32 0.51 0.00	16.09 0.53 0.00	14.88 0.51 0.00	15.13 0.50 0.00	17.47 0.55 0.00	20.53 0.66 0.00	22.98 0.64 0.00	24.05 0.48 0.00	23.41 0.32 0.00	21.98 0.13 0.00	24.86 0.19 0.00	28.01 0.20 0.00	31.11 0.26 0.00	26.18 0.01 0.00	24.50 -0.39 0.00	28.68 0.30 0.00	33.53 0.56 0.00	23.13 0.26 0.00	23.17 0.26 0.00	31.81 0.18 0.00	23.29 0.01 0.00	21.31 -0.02 0.00	20.32 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	21.93 0.87 0.00	19.61 0.80 0.00	16.17 0.61 0.00	14.92 0.56 0.00	15.19 0.56 0.00	17.56 0.64 0.00	20.62 0.75 0.00	23.06 0.72 0.00	24.33 0.76 0.00	23.84 0.76 0.00	22.68 0.83 0.00	25.57 0.90 0.00	28.77 0.96 0.00	31.98 1.13 0.00	27.13 0.96 0.00	25.69 0.80 0.00	29.47 1.09 0.00	34.32 1.34 0.00	23.89 1.02 0.00	24.03 1.12 0.00	33.12 1.49 0.00	24.39 1.12 0.00	22.39 1.05 0.00	21.44 0.94 0.00
MAPLE_RIDGE_WT_1 323574	20.82 -0.24 0.00	18.58 -0.23 0.00	15.47 -0.09 0.00	14.31 -0.06 0.00	14.59 -0.04 0.00	16.87 -0.06 0.00	19.83 -0.04 0.00	22.23 -0.11 0.00	23.41 -0.16 0.00	22.83 -0.25 0.00	21.52 -0.34 0.00	24.32 -0.35 0.00	27.43 -0.38 0.00	30.34 -0.50 0.00	25.62 -0.54 0.00	24.29 -0.60 0.00	27.63 -0.75 0.00	31.97 -1.00 0.00	22.12 -0.75 0.00	22.12 -0.79 0.00	30.53 -1.10 0.00	22.35 -0.92 0.00	20.47 -0.86 0.00	19.70 -0.80 0.00

MAPLE_RIDGE_WT_2 323611	20.82 -0.24 0.00	18.58 -0.23 0.00	15.47 -0.09 0.00	14.31 -0.06 0.00	14.59 -0.04 0.00	16.87 -0.06 0.00	19.83 -0.04 0.00	22.23 -0.11 0.00	23.41 -0.16 0.00	22.83 -0.25 0.00	21.52 -0.34 0.00	24.32 -0.35 0.00	27.43 -0.38 0.00	30.34 -0.50 0.00	25.62 -0.54 0.00	24.29 -0.60 0.00	27.63 -0.75 0.00	31.97 -1.00 0.00	22.12 -0.75 0.00	22.12 -0.79 0.00	30.53 -1.10 0.00	22.35 -0.92 0.00	20.47 -0.86 0.00	19.70 -0.80 0.00
MARBLE_RIVER_WT_PWR 323696	21.60 0.54 0.00	19.32 0.52 0.00	16.07 0.51 0.00	14.86 0.49 0.00	15.11 0.48 0.00	17.42 0.49 0.00	20.45 0.57 0.00	22.84 0.50 0.00	23.92 0.34 0.00	23.31 0.23 0.00	21.95 0.10 0.00	24.85 0.18 0.00	27.96 0.14 0.00	31.15 0.30 0.00	26.18 0.01 0.00	24.35 -0.54 0.00	28.73 0.35 0.00	33.68 0.71 0.00	23.25 0.38 0.00	23.24 0.33 0.00	31.82 0.19 0.00	23.29 0.01 0.00	21.32 -0.01 0.00	20.27 -0.23 0.00
MARSHVLE_115KV_TB1 80742	22.65 1.59 0.00	20.19 1.38 0.00	16.64 1.08 0.00	15.37 1.00 0.00	15.69 1.06 0.00	18.22 1.29 0.00	21.45 1.58 0.00	24.18 1.84 0.00	25.46 1.89 0.00	24.82 1.73 0.00	23.30 1.44 0.00	26.22 1.55 0.00	29.61 1.79 0.00	32.78 1.93 0.00	27.76 1.60 0.00	26.53 1.64 0.00	30.16 1.78 0.00	35.02 2.05 0.00	24.35 1.48 0.00	24.43 1.52 0.00	33.92 2.29 0.00	25.04 1.76 0.00	22.86 1.52 0.00	21.99 1.50 0.00
MARSH_HILL_WT_PWR 323713	20.98 -0.07 0.00	18.64 -0.17 0.00	15.13 -0.44 0.00	14.03 -0.34 0.00	14.25 -0.38 0.00	16.63 -0.29 0.00	19.57 -0.31 0.00	22.53 0.20 0.00	23.93 0.37 0.01	23.49 0.44 0.03	21.96 0.11 0.00	23.84 0.30 1.13	26.46 0.28 1.63	28.99 0.21 2.07	25.50 0.42 1.09	24.38 0.39 0.90	27.43 0.28 1.22	27.91 0.13 5.19	22.44 0.15 0.58	22.51 0.25 0.66	28.45 0.65 3.83	22.89 0.40 0.78	20.82 0.33 0.84	20.68 0.46 0.27
MCINTYRE_115KV_TB2 80467	21.45 0.39 0.00	19.13 0.33 0.00	15.97 0.41 0.00	14.78 0.41 0.00	15.08 0.45 0.00	17.45 0.52 0.00	20.56 0.69 0.00	23.02 0.69 0.00	24.13 0.56 0.00	23.38 0.30 0.00	21.97 0.12 0.00	24.74 0.07 0.00	27.92 0.11 0.00	30.92 0.08 0.00	26.09 -0.08 0.00	24.75 -0.14 0.00	28.30 -0.08 0.00	32.89 -0.08 0.00	22.65 -0.23 0.00	22.72 -0.19 0.00	31.44 -0.19 0.00	23.09 -0.18 0.00	21.16 -0.17 0.00	20.30 -0.20 0.00
MECO____69_KV_BK1 80468	23.01 1.95 0.00	20.53 1.72 0.00	16.90 1.34 0.00	15.60 1.23 0.00	15.92 1.29 0.00	18.50 1.57 0.00	21.83 1.96 0.00	24.57 2.23 0.00	25.74 2.17 0.00	24.95 1.87 0.00	23.32 1.47 0.00	26.11 1.44 0.00	29.81 1.99 0.00	32.55 1.71 0.00	27.52 1.35 0.00	26.31 1.42 0.00	30.06 1.68 0.00	35.18 2.21 0.00	24.70 1.83 0.00	25.12 2.21 0.00	34.94 3.31 0.00	25.75 2.47 0.00	23.41 2.08 0.00	22.43 1.94 0.00
MENANDS__115KV_TB5 355628	21.62 0.56 0.00	19.33 0.52 0.00	15.96 0.40 0.00	14.75 0.38 0.00	15.01 0.38 0.00	17.31 0.38 0.00	20.31 0.43 0.00	22.71 0.37 0.00	23.98 0.41 0.00	23.52 0.44 0.00	22.37 0.52 0.00	25.24 0.57 0.00	28.40 0.59 0.00	31.62 0.77 0.00	26.81 0.64 0.00	25.40 0.51 0.00	29.10 0.72 0.00	33.85 0.87 0.00	23.54 0.67 0.00	23.66 0.75 0.00	32.61 0.98 0.00	24.01 0.74 0.00	22.05 0.72 0.00	21.12 0.62 0.00
MG INDUSTRY__DRP 24185	21.73 0.67 0.00	19.44 0.63 0.00	16.04 0.48 0.00	14.82 0.45 0.00	15.08 0.45 0.00	17.43 0.50 0.00	20.43 0.56 0.00	22.87 0.54 0.00	24.13 0.56 0.00	23.70 0.62 0.00	22.64 0.79 0.00	25.46 0.80 0.00	28.49 0.68 0.00	31.71 0.86 0.00	26.87 0.70 0.00	25.46 0.57 0.00	29.13 0.75 0.00	33.88 0.91 0.00	23.58 0.70 0.00	23.70 0.79 0.00	32.71 1.08 0.00	24.09 0.82 0.00	22.11 0.77 0.00	21.19 0.70 0.00
MID__OSWEGATCHIE_HYD 23849	21.36 0.30 0.00	19.05 0.24 0.00	15.82 0.26 0.00	14.62 0.25 0.00	14.90 0.27 0.00	17.25 0.33 0.00	20.32 0.45 0.00	22.83 0.50 0.00	24.00 0.43 0.00	23.21 0.13 0.00	21.77 -0.09 0.00	24.49 -0.17 0.00	27.53 -0.29 0.00	30.37 -0.48 0.00	25.58 -0.59 0.00	24.18 -0.72 0.00	27.65 -0.73 0.00	32.24 -0.73 0.00	22.30 -0.57 0.00	22.53 -0.38 0.00	31.21 -0.42 0.00	22.90 -0.38 0.00	21.03 -0.31 0.00	20.20 -0.29 0.00
MID__RAQUETTE_HYD 23851	21.23 0.17 0.00	18.94 0.13 0.00	15.78 0.22 0.00	14.60 0.23 0.00	14.88 0.25 0.00	17.21 0.28 0.00	20.26 0.39 0.00	22.71 0.38 0.00	23.81 0.24 0.00	22.95 -0.13 0.00	21.50 -0.35 0.00	24.23 -0.44 0.00	27.33 -0.48 0.00	30.24 -0.60 0.00	25.46 -0.71 0.00	24.09 -0.80 0.00	27.56 -0.83 0.00	32.07 -0.90 0.00	22.09 -0.78 0.00	22.19 -0.72 0.00	30.68 -0.95 0.00	22.53 -0.75 0.00	20.66 -0.68 0.00	19.83 -0.66 0.00
MILLIKEN__1 23584	21.34 0.28 0.00	19.04 0.23 0.00	15.64 0.07 0.00	14.47 0.10 0.00	14.74 0.11 0.00	17.12 0.19 0.00	20.17 0.29 0.00	22.81 0.47 0.00	24.07 0.50 0.00	23.50 0.42 0.00	22.12 0.26 0.00	24.97 0.30 0.00	28.15 0.33 0.00	31.21 0.36 0.00	26.51 0.34 0.00	25.28 0.39 0.00	28.79 0.42 0.02	33.42 0.52 0.07	23.37 0.49 0.00	23.43 0.51 0.00	32.48 0.85 0.00	23.83 0.56 0.00	21.78 0.45 0.00	20.91 0.42 0.01
MILLIKEN__2 23585	21.34 0.28 0.00	19.04 0.23 0.00	15.64 0.07 0.00	14.47 0.10 0.00	14.74 0.11 0.00	17.12 0.19 0.00	20.17 0.29 0.00	22.81 0.47 0.00	24.07 0.50 0.00	23.50 0.42 0.00	22.12 0.26 0.00	24.97 0.30 0.00	28.15 0.33 0.00	31.21 0.36 0.00	26.51 0.34 0.00	25.28 0.39 0.00	28.79 0.42 0.02	33.42 0.52 0.07	23.37 0.49 0.00	23.43 0.51 0.00	32.48 0.85 0.00	23.83 0.56 0.00	21.78 0.45 0.00	20.91 0.42 0.01
MILLIKEN__DIESEL 23629	21.34 0.28 0.00	19.04 0.23 0.00	15.64 0.07 0.00	14.47 0.10 0.00	14.74 0.11 0.00	17.12 0.19 0.00	20.17 0.29 0.00	22.81 0.47 0.00	24.07 0.50 0.00	23.50 0.42 0.00	22.12 0.26 0.00	24.97 0.30 0.00	28.15 0.33 0.00	31.21 0.36 0.00	26.51 0.34 0.00	25.28 0.39 0.00	28.79 0.42 0.02	33.42 0.52 0.07	23.37 0.49 0.00	23.43 0.51 0.00	32.48 0.85 0.00	23.83 0.56 0.00	21.78 0.45 0.00	20.91 0.42 0.01
MILLSEAT__LFGE 323607	21.25 0.19 0.00	18.83 0.02 0.00	15.30 -0.27 0.00	14.13 -0.25 0.00	14.43 -0.20 0.00	16.81 -0.11 0.00	19.66 -0.22 0.00	22.41 0.08 0.00	23.62 0.06 0.02	23.16 0.12 0.04	21.83 -0.03 0.00	22.99 0.06 1.74	25.19 -0.11 2.51	27.22 -0.45 3.18	24.30 -0.19 1.69	23.47 -0.03 1.39	26.32 -0.18 1.88	24.50 -0.50 7.97	21.72 -0.26 0.89	21.48 -0.41 1.02	25.34 -0.41 5.88	21.80 -0.27 1.21	19.81 -0.23 1.30	20.13 0.05 0.42
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.12 1.06 0.00	19.79 0.99 0.00	16.30 0.74 0.00	14.99 0.62 0.00	15.23 0.60 0.00	17.67 0.75 0.00	20.79 0.92 0.00	23.35 1.01 0.00	24.74 1.17 0.00	24.33 1.25 0.00	23.16 1.31 0.00	26.21 1.54 0.00	29.53 1.72 0.00	32.85 2.01 0.00	27.96 1.79 0.00	26.60 1.71 0.00	30.38 2.00 0.00	35.29 2.31 0.00	24.47 1.60 0.00	24.41 1.50 0.00	33.60 1.96 0.00	24.77 1.49 0.00	22.67 1.34 0.00	21.75 1.26 0.00

MILLWOOD_13_KV_LOAD 356217	22.17 1.11 0.00	19.84 1.03 0.00	16.34 0.77 0.00	15.02 0.65 0.00	15.26 0.63 0.00	17.71 0.78 0.00	20.85 0.97 0.00	23.41 1.07 0.00	24.80 1.23 0.00	24.40 1.32 0.00	23.22 1.37 0.00	26.28 1.61 0.00	29.62 1.81 0.00	32.95 2.10 0.00	28.04 1.87 0.00	26.68 1.79 0.00	30.47 2.09 0.00	35.40 2.43 0.00	24.55 1.68 0.00	24.49 1.58 0.00	33.71 2.08 0.00	24.84 1.56 0.00	22.73 1.39 0.00	21.81 1.31 0.00
MODEL_CITY_ENERGY 24167	20.91 -0.15 0.00	18.52 -0.29 0.00	15.03 -0.53 0.00	13.88 -0.49 0.00	14.18 -0.45 0.00	16.51 -0.42 0.00	19.27 -0.60 0.00	21.98 -0.35 0.00	23.22 -0.33 0.02	22.83 -0.21 0.04	21.53 -0.32 0.00	22.68 -0.27 1.71	24.77 -0.57 2.47	26.75 -0.98 3.12	23.85 -0.66 1.66	22.88 -0.65 1.36	25.35 -1.20 1.83	23.56 -1.64 7.77	21.01 -0.99 0.87	20.73 -1.19 0.99	24.39 -1.51 5.74	21.05 -1.05 1.18	19.18 -0.90 1.26	19.58 -0.50 0.41
MODERN_LFGE_ 323580	20.91 -0.15 0.00	18.52 -0.29 0.00	15.03 -0.53 0.00	13.88 -0.49 0.00	14.18 -0.45 0.00	16.51 -0.42 0.00	19.27 -0.60 0.00	21.98 -0.35 0.00	23.22 -0.33 0.02	22.83 -0.21 0.04	21.53 -0.32 0.00	22.68 -0.27 1.71	24.77 -0.57 2.47	26.75 -0.98 3.12	23.85 -0.66 1.66	22.88 -0.65 1.36	25.35 -1.20 1.83	23.56 -1.64 7.77	21.01 -0.99 0.87	20.73 -1.19 0.99	24.39 -1.51 5.74	21.05 -1.05 1.18	19.18 -0.90 1.26	19.58 -0.50 0.41
MOHAWK_PAPER___DRP 24187	21.93 0.87 0.00	19.61 0.80 0.00	16.17 0.61 0.00	14.92 0.56 0.00	15.19 0.56 0.00	17.56 0.64 0.00	20.62 0.75 0.00	23.06 0.72 0.00	24.33 0.76 0.00	23.84 0.76 0.00	22.68 0.83 0.00	25.57 0.90 0.00	28.77 0.96 0.00	31.98 1.13 0.00	27.13 0.96 0.00	25.69 0.80 0.00	29.47 1.09 0.00	34.32 1.34 0.00	23.89 1.02 0.00	24.03 1.12 0.00	33.12 1.49 0.00	24.39 1.12 0.00	22.39 1.05 0.00	21.44 0.94 0.00
MOHICAN___35_KV_115KV_LD 80490	22.66 1.60 0.00	20.27 1.46 0.00	16.70 1.13 0.00	15.40 1.04 0.00	15.70 1.07 0.00	18.19 1.26 0.00	21.44 1.57 0.00	24.02 1.68 0.00	25.35 1.77 0.00	24.80 1.72 0.00	23.53 1.68 0.00	26.57 1.90 0.00	29.95 2.13 0.00	33.40 2.56 0.00	28.14 1.97 0.00	26.62 1.73 0.00	30.75 2.37 0.00	35.84 2.87 0.00	24.91 2.04 0.00	25.11 2.20 0.00	34.57 2.94 0.00	25.52 2.24 0.00	23.37 2.04 0.00	22.36 1.86 0.00
MONGAUP___HYD 23641	22.02 0.96 0.00	19.67 0.87 0.00	16.20 0.64 0.00	14.90 0.53 0.00	15.14 0.52 0.00	17.57 0.65 0.00	20.70 0.82 0.00	23.21 0.87 0.00	24.54 0.96 0.00	24.05 0.97 0.00	22.80 0.94 0.00	25.73 1.06 0.00	29.13 1.31 0.00	32.27 1.42 0.00	27.37 1.20 0.00	26.05 1.15 0.00	29.77 1.39 0.00	34.76 1.79 0.00	24.16 1.29 0.00	24.16 1.25 0.00	33.40 1.77 0.00	24.63 1.36 0.00	22.55 1.22 0.00	21.62 1.13 0.00
MONTAUK___DIESEL 23721	19.72 1.93 3.27	18.98 1.83 1.66	17.04 1.47 0.00	15.71 1.34 0.00	15.87 1.24 0.00	18.42 1.49 0.00	21.60 1.73 0.00	21.45 1.76 2.64	22.37 1.87 3.07	18.70 2.08 6.46	27.95 2.38 -3.72	33.93 2.78 -6.48	28.49 2.80 2.12	31.56 3.57 2.86	29.00 3.01 0.17	28.92 3.09 -0.95	30.22 3.79 1.95	36.54 4.17 0.60	25.89 3.02 0.00	25.59 2.68 0.00	34.97 3.34 0.00	36.33 2.76 -10.30	42.85 2.50 -19.02	47.47 2.35 -24.62
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.33 0.27 0.00	18.87 0.06 0.00	15.38 -0.18 0.00	14.29 -0.08 0.00	14.61 -0.02 0.00	17.07 0.14 0.00	20.06 0.18 0.00	23.21 0.87 0.00	24.63 1.07 0.01	24.14 1.10 0.04	22.63 0.78 0.00	24.24 1.07 1.49	26.66 1.01 2.16	29.04 0.94 2.73	25.64 0.92 1.45	24.63 0.93 1.19	27.67 0.91 1.62	26.83 0.73 6.86	22.60 0.50 0.77	22.45 0.41 0.87	27.35 0.79 5.06	22.75 0.51 1.04	20.67 0.45 1.11	20.76 0.62 0.36
MORTIMER_115KV_TB3 55949	21.06 0.00 0.00	18.70 -0.11 0.00	15.27 -0.29 0.00	14.10 -0.27 0.00	14.39 -0.24 0.00	16.74 -0.19 0.00	19.64 -0.24 0.00	22.30 -0.04 0.00	23.53 -0.03 0.02	23.09 0.05 0.04	21.81 -0.04 0.00	22.84 0.03 1.86	25.02 -0.11 2.69	27.16 -0.28 3.41	24.26 -0.11 1.81	23.40 -0.01 1.49	26.26 -0.10 2.02	24.19 -0.22 8.55	21.81 -0.11 0.96	21.60 -0.22 1.09	25.12 -0.20 6.31	21.86 -0.12 1.29	19.83 -0.11 1.39	20.06 0.02 0.45
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.22 1.17 0.00	19.90 1.09 0.00	16.39 0.82 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.76 0.84 0.00	20.91 1.03 0.00	23.47 1.14 0.00	24.89 1.32 0.00	24.50 1.42 0.00	23.32 1.47 0.00	26.41 1.74 0.00	29.76 1.94 0.00	33.09 2.25 0.00	28.18 2.01 0.00	26.82 1.93 0.00	30.61 2.23 0.00	35.55 2.58 0.00	24.64 1.77 0.00	24.57 1.66 0.00	33.80 2.18 0.00	24.93 1.65 0.00	22.82 1.48 0.00	21.90 1.40 0.00
MUNSVILLE_WIND_PWR 323609	22.01 0.95 0.00	19.61 0.80 0.00	16.13 0.56 0.00	15.04 0.66 0.00	15.34 0.71 0.00	17.95 1.02 0.00	21.22 1.34 0.00	24.08 1.75 0.00	25.01 1.44 0.00	24.36 1.29 0.01	22.88 1.02 0.00	25.54 1.21 0.35	28.68 1.37 0.50	31.49 1.28 0.63	26.86 1.03 0.34	25.67 1.06 0.28	29.79 1.78 0.38	33.56 2.19 1.60	24.45 1.76 0.18	24.59 1.88 0.20	33.14 2.68 1.17	24.97 1.94 0.24	22.77 1.69 0.25	21.92 1.51 0.08
N SALMON___HYD 24042	21.64 0.58 0.00	19.31 0.51 0.00	16.09 0.53 0.00	14.88 0.51 0.00	15.13 0.50 0.00	17.47 0.55 0.00	20.53 0.66 0.00	22.98 0.64 0.00	24.05 0.48 0.00	23.41 0.32 0.00	21.98 0.13 0.00	24.85 0.19 0.00	28.01 0.20 0.00	31.11 0.26 0.00	26.18 0.01 0.00	24.50 -0.39 0.00	28.68 0.30 0.00	33.53 0.56 0.00	23.13 0.26 0.00	23.17 0.25 0.00	31.81 0.18 0.00	23.29 0.01 0.00	21.31 -0.02 0.00	20.32 -0.18 0.00
N.AKRON___115KV_KNAPP 355671	21.19 0.13 0.00	18.78 -0.03 0.00	15.24 -0.32 0.00	14.08 -0.29 0.00	14.38 -0.25 0.00	16.75 -0.18 0.00	19.57 -0.30 0.00	22.34 0.00 0.00	23.56 0.00 0.02	23.13 0.09 0.04	21.80 -0.05 0.00	22.99 0.05 1.73	25.21 -0.11 2.49	27.15 -0.54 3.16	24.21 -0.28 1.67	23.39 -0.13 1.38	26.21 -0.30 1.87	24.39 -0.67 7.91	21.60 -0.38 0.89	21.34 -0.56 1.01	25.19 -0.60 5.84	21.69 -0.38 1.20	19.72 -0.33 1.28	20.07 -0.01 0.42
N.BELMOR_69_KV_BK1 55787	32.29 1.41 -9.82	25.09 1.31 -4.98	16.61 1.04 0.00	15.26 0.89 0.00	15.46 0.83 0.00	17.95 1.02 0.00	21.05 1.17 0.00	31.47 1.20 -7.94	34.08 1.30 -9.20	43.94 1.45 -19.42	50.98 1.71 -27.41	33.09 1.94 -6.48	37.71 1.95 -7.95	43.80 2.33 -10.63	28.75 2.06 -0.52	36.34 2.09 -9.36	55.80 2.40 -25.02	37.44 2.66 -1.80	24.78 1.91 0.00	24.57 1.66 0.00	33.91 2.28 0.00	35.58 2.00 -10.30	42.19 1.83 -19.02	46.87 1.75 -24.62
N.E._GEN_SANDY PD 24062	21.97 0.91 0.00	19.66 0.85 0.00	16.21 0.65 0.00	14.94 0.57 0.00	15.20 0.57 0.00	17.59 0.66 0.00	20.77 0.76 -0.13	23.01 0.72 0.04	24.33 0.76 0.00	23.72 0.78 0.14	30.59 0.84 -7.90	29.33 0.96 -3.71	33.15 1.02 -4.31	32.25 1.27 -0.14	28.03 1.06 -0.80	24.16 0.86 1.60	29.78 1.12 -0.28	32.01 1.30 2.27	23.87 0.99 0.00	23.98 1.07 0.00	33.03 1.41 0.00	24.36 1.08 0.00	22.41 1.03 -0.05	21.39 0.95 0.06

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.09 1.03 0.00	19.75 0.94 0.00	16.27 0.70 0.00	14.96 0.59 0.00	15.20 0.57 0.00	17.63 0.71 0.00	20.75 0.87 0.00	23.32 0.98 0.00	24.72 1.15 0.00	24.33 1.25 0.00	23.15 1.30 0.00	26.19 1.52 0.00	29.55 1.74 0.00	32.88 2.03 0.00	27.97 1.81 0.00	26.63 1.74 0.00	30.40 2.02 0.00	35.29 2.32 0.00	24.46 1.59 0.00	24.39 1.48 0.00	33.57 1.93 0.00	24.74 1.46 0.00	22.62 1.28 0.00	21.71 1.21 0.00
N. QUEENS_27_KV_LOAD 356247	22.19 1.13 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.06 0.68 0.00	15.31 0.68 0.00	17.78 0.85 0.00	20.88 1.01 0.00	23.47 1.14 0.00	24.89 1.32 0.00	24.50 1.42 0.00	23.41 1.56 0.00	26.46 1.79 0.00	29.82 2.01 0.00	33.21 2.37 0.00	28.26 2.09 0.00	26.91 2.02 0.00	30.66 2.28 0.00	35.61 2.64 0.00	24.65 1.78 0.00	24.58 1.66 0.00	33.83 2.20 0.00	24.97 1.70 0.00	22.88 1.55 0.00	21.95 1.46 0.00
N. TROY___115KV_TB1 355778	21.99 0.93 0.00	19.67 0.86 0.00	16.22 0.66 0.00	14.97 0.60 0.00	15.23 0.61 0.00	17.62 0.69 0.00	20.72 0.85 0.00	23.19 0.85 0.00	24.45 0.88 0.00	23.96 0.88 0.00	22.79 0.93 0.00	25.69 1.02 0.00	28.93 1.12 0.00	32.18 1.33 0.00	27.22 1.05 0.00	25.72 0.83 0.00	29.49 1.11 0.00	34.25 1.27 0.00	23.83 0.96 0.00	24.02 1.11 0.00	33.11 1.49 0.00	24.39 1.12 0.00	22.40 1.06 0.00	21.46 0.96 0.00
NARROWS_GT1_1 24228	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT1_2 24229	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT1_3 24230	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT1_4 24231	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT1_5 24232	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT1_6 24233	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT1_7 24234	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT1_8 24235	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT2_1 24236	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT2_2 24237	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT2_3 24238	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT2_4 24239	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00

NARROWS_GT2_5 24240	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT2_6 24241	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT2_7 24242	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NARROWS_GT2_8 24243	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.02 0.96 0.00	19.67 0.86 0.00	16.23 0.67 0.00	15.02 0.65 0.00	15.29 0.66 0.00	17.66 0.73 0.00	20.73 0.86 0.00	23.23 0.89 0.00	24.48 0.91 0.00	23.84 0.76 0.00	22.55 0.69 0.00	25.45 0.77 0.00	28.37 0.55 0.00	31.88 1.03 0.00	27.01 0.84 0.00	25.60 0.71 0.00	29.38 1.00 0.00	34.27 1.30 0.00	23.94 1.07 0.00	24.15 1.24 0.00	33.41 1.78 0.00	24.59 1.32 0.00	22.53 1.20 0.00	21.53 1.04 0.00
NCHELSEA_115KV_TR2 355582	22.26 1.20 0.00	19.90 1.09 0.00	16.38 0.82 0.00	15.08 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.92 1.05 0.00	23.50 1.16 0.00	24.87 1.29 0.00	24.44 1.36 0.00	23.24 1.39 0.00	26.31 1.64 0.00	29.64 1.83 0.00	32.98 2.13 0.00	28.09 1.92 0.00	26.73 1.84 0.00	30.53 2.15 0.00	35.47 2.50 0.00	24.64 1.77 0.00	24.60 1.69 0.00	33.86 2.23 0.00	24.95 1.67 0.00	22.82 1.48 0.00	21.88 1.38 0.00
NEG CAPITAL___MECHNVIL 23645	22.35 1.30 0.00	19.98 1.17 0.00	16.46 0.90 0.00	15.19 0.82 0.00	15.46 0.83 0.00	17.91 0.98 0.00	21.09 1.21 0.00	23.62 1.29 0.00	24.91 1.34 0.00	24.40 1.32 0.00	23.19 1.34 0.00	26.17 1.51 0.00	29.47 1.66 0.00	32.78 1.94 0.00	27.72 1.55 0.00	26.25 1.36 0.00	30.15 1.77 0.00	35.09 2.12 0.00	24.42 1.54 0.00	24.60 1.68 0.00	33.86 2.23 0.00	24.95 1.67 0.00	22.86 1.53 0.00	21.90 1.40 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.62 -0.44 0.00	18.33 -0.48 0.00	15.00 -0.57 0.00	13.85 -0.52 0.00	14.13 -0.50 0.00	16.44 -0.49 0.00	19.30 -0.57 0.00	21.92 -0.41 0.00	23.15 -0.41 0.01	22.68 -0.37 0.03	21.41 -0.44 0.00	22.94 -0.44 1.29	25.38 -0.56 1.87	27.73 -0.74 2.37	24.39 -0.52 1.26	23.43 -0.43 1.03	26.42 -0.56 1.41	26.30 -0.72 5.96	21.77 -0.43 0.67	21.64 -0.51 0.76	26.60 -0.64 4.39	21.89 -0.49 0.90	19.89 -0.47 0.96	19.82 -0.36 0.31
NEG CENTRAL___DRP 24199	21.08 0.02 0.00	18.79 -0.02 0.00	15.40 -0.16 0.00	14.25 -0.12 0.00	14.51 -0.12 0.00	16.87 -0.06 0.00	19.88 0.00 0.00	22.53 0.19 0.00	23.81 0.24 0.00	23.28 0.21 0.01	21.91 0.06 0.00	24.30 0.12 0.49	27.21 0.11 0.71	30.00 0.06 0.90	25.85 0.15 0.47	24.71 0.20 0.39	28.03 0.18 0.53	30.90 0.20 2.27	22.84 0.22 0.25	22.81 0.18 0.29	30.35 0.38 1.66	23.15 0.21 0.34	21.10 0.13 0.36	20.53 0.15 0.12
NEG CENTRAL___INDECK 23768	21.62 0.56 0.00	19.16 0.36 0.00	15.61 0.04 0.00	14.44 0.06 0.00	14.72 0.09 0.00	17.17 0.24 0.00	20.20 0.33 0.00	22.99 0.65 0.00	24.03 0.47 0.01	23.51 0.46 0.03	22.08 0.22 0.00	23.57 0.33 1.43	26.05 0.31 2.07	28.38 0.16 2.63	25.17 0.39 1.39	24.25 0.50 1.15	27.25 0.42 1.56	27.10 0.72 6.60	22.72 0.59 0.74	22.57 0.50 0.84	27.72 0.96 4.87	23.04 0.76 1.00	20.92 0.66 1.07	20.90 0.75 0.35
NEG CENTRAL___SENECA 23627	21.16 0.10 0.00	18.84 0.03 0.00	15.41 -0.15 0.00	14.26 -0.11 0.00	14.53 -0.10 0.00	16.92 -0.01 0.00	19.93 0.06 0.00	22.66 0.32 0.00	23.94 0.39 0.01	23.42 0.37 0.03	22.02 0.16 0.00	23.86 0.25 1.06	26.56 0.29 1.54	29.08 0.19 1.95	25.45 0.31 1.03	24.37 0.33 0.85	27.55 0.32 1.16	28.42 0.34 4.90	22.65 0.33 0.55	22.57 0.28 0.62	28.55 0.52 3.61	22.85 0.32 0.74	20.77 0.22 0.79	20.48 0.25 0.26
NEG CENTRAL___STATE_STREET 24147	21.31 0.25 0.00	19.02 0.21 0.00	15.59 0.03 0.00	14.45 0.08 0.00	14.72 0.10 0.00	17.04 0.11 0.00	20.12 0.25 0.00	22.75 0.41 0.00	24.02 0.45 0.00	23.46 0.38 0.00	22.13 0.27 0.00	25.01 0.34 0.00	27.96 0.15 0.00	31.23 0.38 0.00	26.48 0.31 0.00	25.35 0.46 0.00	28.80 0.42 0.00	33.46 0.49 0.00	23.35 0.48 0.00	23.31 0.40 0.00	32.37 0.74 0.00	23.68 0.41 0.00	21.66 0.33 0.00	20.85 0.35 0.00
NEG MILLWOOD___DRP 24198	22.30 1.24 0.00	19.94 1.13 0.00	16.42 0.85 0.00	15.11 0.73 0.00	15.35 0.72 0.00	17.82 0.89 0.00	20.98 1.10 0.00	23.56 1.23 0.00	24.94 1.37 0.00	24.53 1.45 0.00	23.33 1.48 0.00	26.41 1.74 0.00	29.74 1.93 0.00	33.07 2.23 0.00	28.17 2.01 0.00	26.82 1.93 0.00	30.66 2.28 0.00	35.63 2.65 0.00	24.74 1.86 0.00	24.69 1.78 0.00	33.97 2.34 0.00	25.03 1.75 0.00	22.89 1.56 0.00	21.94 1.44 0.00
NEG NORTH_FLCN_SEA 23793	21.85 0.79 0.00	19.56 0.75 0.00	16.24 0.67 0.00	15.03 0.66 0.00	15.28 0.65 0.00	17.63 0.70 0.00	20.71 0.83 0.00	23.12 0.79 0.00	24.21 0.64 0.00	23.58 0.50 0.00	22.21 0.35 0.00	25.16 0.49 0.00	28.29 0.48 0.00	31.57 0.72 0.00	26.51 0.34 0.00	24.64 -0.25 0.00	29.08 0.70 0.00	34.12 1.14 0.00	23.62 0.75 0.00	23.61 0.70 0.00	32.32 0.69 0.00	23.62 0.35 0.00	21.62 0.29 0.00	20.55 0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	21.57 0.51 0.00	19.28 0.47 0.00	16.05 0.49 0.00	14.85 0.48 0.00	15.10 0.47 0.00	17.41 0.48 0.00	20.42 0.54 0.00	22.82 0.48 0.00	23.89 0.32 0.00	23.29 0.21 0.00	21.92 0.06 0.00	24.79 0.12 0.00	27.89 0.08 0.00	31.06 0.22 0.00	26.11 -0.06 0.00	24.35 -0.54 0.00	28.69 0.31 0.00	33.64 0.67 0.00	23.22 0.35 0.00	23.21 0.30 0.00	31.80 0.17 0.00	23.26 -0.02 0.00	21.29 -0.04 0.00	20.27 -0.23 0.00



NEG NORTH___ALICE_FALLS 23915	21.86 0.80 0.00	19.55 0.74 0.00	16.24 0.68 0.00	15.02 0.65 0.00	15.28 0.65 0.00	17.64 0.71 0.00	20.73 0.85 0.00	23.15 0.81 0.00	24.22 0.65 0.00	23.57 0.49 0.00	22.20 0.35 0.00	25.15 0.48 0.00	28.30 0.48 0.00	31.53 0.68 0.00	26.48 0.31 0.00	24.64 -0.25 0.00	29.13 0.75 0.00	34.16 1.19 0.00	23.64 0.77 0.00	23.64 0.73 0.00	32.37 0.74 0.00	23.66 0.39 0.00	21.65 0.31 0.00	20.56 0.07 0.00
NEG NORTH___LWR_SARANAC 23913	21.86 0.80 0.00	19.55 0.74 0.00	16.24 0.68 0.00	15.02 0.65 0.00	15.28 0.65 0.00	17.64 0.71 0.00	20.73 0.85 0.00	23.15 0.81 0.00	24.22 0.65 0.00	23.57 0.49 0.00	22.20 0.35 0.00	25.15 0.48 0.00	28.30 0.48 0.00	31.53 0.68 0.00	26.48 0.31 0.00	24.64 -0.25 0.00	29.13 0.75 0.00	34.16 1.19 0.00	23.64 0.77 0.00	23.64 0.73 0.00	32.37 0.74 0.00	23.66 0.39 0.00	21.65 0.31 0.00	20.56 0.07 0.00
NEG NORTH___PLATTSBURG 23628	21.86 0.80 0.00	19.55 0.74 0.00	16.24 0.68 0.00	15.02 0.65 0.00	15.28 0.65 0.00	17.64 0.71 0.00	20.73 0.85 0.00	23.15 0.81 0.00	24.22 0.65 0.00	23.57 0.49 0.00	22.20 0.35 0.00	25.15 0.48 0.00	28.30 0.49 0.00	31.53 0.68 0.00	26.48 0.31 0.00	24.64 -0.25 0.00	29.13 0.75 0.00	34.16 1.19 0.00	23.64 0.77 0.00	23.64 0.73 0.00	32.37 0.74 0.00	23.66 0.39 0.00	21.65 0.31 0.00	20.56 0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	20.93 -0.13 0.00	18.54 -0.27 0.00	15.04 -0.52 0.00	13.90 -0.47 0.00	14.19 -0.44 0.00	16.53 -0.40 0.00	19.29 -0.58 0.00	22.01 -0.33 0.00	23.26 -0.30 0.02	22.87 -0.17 0.04	21.55 -0.30 0.00	22.72 -0.25 1.70	24.80 -0.56 2.46	26.77 -0.96 3.11	23.85 -0.66 1.65	23.04 -0.49 1.36	25.80 -0.74 1.84	23.96 -1.21 7.80	21.25 -0.75 0.87	20.98 -0.93 0.99	24.75 -1.12 5.75	21.33 -0.76 1.18	19.42 -0.64 1.27	19.81 -0.27 0.41
NEG WEST___LANCASTR 23811	21.14 0.08 0.00	18.76 -0.05 0.00	15.23 -0.33 0.00	14.09 -0.29 0.00	14.36 -0.27 0.00	16.74 -0.19 0.00	19.63 -0.24 0.00	22.45 0.12 0.00	23.76 0.20 0.01	23.35 0.31 0.04	21.99 0.13 0.00	23.36 0.19 1.50	25.57 -0.08 2.17	27.74 -0.36 2.74	24.55 -0.17 1.45	23.61 -0.08 1.20	26.55 -0.21 1.62	25.57 -0.51 6.89	21.79 -0.31 0.77	21.58 -0.45 0.88	26.12 -0.43 5.08	21.89 -0.34 1.04	19.94 -0.27 1.12	20.11 -0.03 0.36
NEG_PENN_ALLEGHNY 23528	21.30 0.24 0.00	19.01 0.20 0.00	15.60 0.04 0.00	14.42 0.05 0.00	14.66 0.04 0.00	17.07 0.14 0.00	20.09 0.21 0.00	22.75 0.41 0.00	24.08 0.51 0.00	23.59 0.52 0.01	22.25 0.39 0.00	24.70 0.48 0.45	27.66 0.50 0.66	30.56 0.55 0.83	26.28 0.55 0.44	25.03 0.50 0.36	28.47 0.58 0.49	31.48 0.60 2.09	23.08 0.44 0.23	23.06 0.41 0.27	30.75 0.65 1.54	23.37 0.41 0.32	21.34 0.35 0.34	20.72 0.33 0.11
NEG___GEN_MONROE 24207	21.23 0.17 0.00	18.83 0.03 0.00	15.39 -0.17 0.00	14.19 -0.18 0.00	14.49 -0.14 0.00	16.87 -0.05 0.00	19.81 -0.06 0.00	22.48 0.14 0.00	23.62 0.06 0.02	23.15 0.11 0.04	21.83 -0.02 0.00	22.84 0.02 1.85	25.12 -0.02 2.68	27.14 -0.31 3.40	24.24 -0.13 1.80	23.40 -0.01 1.48	26.24 -0.13 2.01	24.24 -0.21 8.52	21.85 -0.07 0.95	21.62 -0.21 1.08	25.18 -0.16 6.29	21.91 -0.07 1.29	19.85 -0.11 1.38	20.13 0.09 0.45
NEPA___ENERGY 23901	21.23 0.17 0.00	18.87 0.06 0.00	15.32 -0.25 0.00	14.19 -0.18 0.00	14.44 -0.19 0.00	16.87 -0.06 0.00	19.81 -0.07 0.00	22.72 0.38 0.00	24.12 0.57 0.01	23.67 0.62 0.04	22.25 0.40 0.00	23.74 0.56 1.49	26.05 0.39 2.15	28.41 0.28 2.72	25.14 0.42 1.44	24.12 0.42 1.19	27.16 0.39 1.61	26.30 0.17 6.84	22.21 0.11 0.77	22.02 -0.02 0.87	26.78 0.19 5.05	22.25 0.01 1.04	20.23 0.01 1.11	20.32 0.18 0.36
NEVERSINK___HYD 23608	21.67 0.61 0.00	19.38 0.57 0.00	15.95 0.39 0.00	14.67 0.30 0.00	14.91 0.28 0.00	17.31 0.38 0.00	20.38 0.51 0.00	22.90 0.56 0.00	24.24 0.68 0.00	23.81 0.73 0.00	22.55 0.70 0.00	25.50 0.83 0.00	28.71 0.89 0.00	31.99 1.15 0.00	27.27 1.10 0.00	26.04 1.15 0.00	29.74 1.36 0.00	34.56 1.59 0.00	23.99 1.11 0.00	23.95 1.04 0.00	32.98 1.35 0.00	24.30 1.02 0.00	22.20 0.87 0.00	21.29 0.79 0.00
NEWKRMKL_115KV_TB1 55635	21.53 0.47 0.00	19.25 0.44 0.00	15.89 0.33 0.00	14.70 0.33 0.00	14.95 0.32 0.00	17.24 0.31 0.00	20.23 0.35 0.00	22.64 0.30 0.00	23.90 0.33 0.00	23.43 0.35 0.00	22.29 0.43 0.00	25.15 0.48 0.00	28.32 0.50 0.00	31.51 0.66 0.00	26.73 0.56 0.00	25.33 0.44 0.00	29.01 0.63 0.00	33.74 0.77 0.00	23.47 0.60 0.00	23.58 0.67 0.00	32.49 0.86 0.00	23.93 0.65 0.00	21.97 0.63 0.00	21.04 0.54 0.00
NEWTON___FALLS_HYD 23847	21.36 0.30 0.00	19.05 0.24 0.00	15.82 0.26 0.00	14.62 0.25 0.00	14.90 0.27 0.00	17.25 0.33 0.00	20.32 0.45 0.00	22.83 0.50 0.00	24.00 0.43 0.00	23.21 0.13 0.00	21.77 -0.09 0.00	24.49 -0.17 0.00	27.53 -0.29 0.00	30.37 -0.48 0.00	25.58 -0.59 0.00	24.18 -0.72 0.00	27.65 -0.73 0.00	32.24 -0.73 0.00	22.30 -0.57 0.00	22.53 -0.38 0.00	31.21 -0.42 0.00	22.90 -0.38 0.00	21.03 -0.31 0.00	20.20 -0.29 0.00
NGRID_A1_DSASP 323792	20.42 -0.64 0.00	18.09 -0.71 0.00	14.67 -0.90 0.00	13.55 -0.82 0.00	13.85 -0.78 0.00	16.11 -0.81 0.00	18.77 -1.11 0.00	21.20 -1.14 0.00	22.34 -1.21 0.02	22.00 -1.04 0.04	20.75 -1.10 0.00	21.81 -1.15 1.72	23.73 -1.61 2.48	25.62 -2.08 3.15	22.90 -1.61 1.66	22.10 -1.43 1.36	24.72 -1.81 1.86	22.66 -2.37 7.93	20.45 -1.55 0.87	20.20 -1.73 0.99	23.54 -2.24 5.85	20.48 -1.61 1.18	18.64 -1.43 1.27	19.17 -0.92 0.41
NGRID_A2_DSASP 323793	20.42 -0.64 0.00	18.09 -0.71 0.00	14.67 -0.90 0.00	13.55 -0.82 0.00	13.85 -0.78 0.00	16.11 -0.81 0.00	18.77 -1.11 0.00	21.20 -1.14 0.00	22.34 -1.21 0.02	22.00 -1.04 0.04	20.75 -1.10 0.00	21.81 -1.15 1.72	23.73 -1.61 2.48	25.62 -2.08 3.15	22.90 -1.61 1.66	22.10 -1.43 1.36	24.72 -1.81 1.86	22.66 -2.37 7.93	20.45 -1.55 0.87	20.20 -1.73 0.99	23.54 -2.24 5.85	20.48 -1.61 1.18	18.64 -1.43 1.27	19.17 -0.92 0.41
NGRID_A4_DSASP 323807	20.42 -0.64 0.00	18.09 -0.72 0.00	14.67 -0.90 0.00	13.55 -0.82 0.00	13.85 -0.78 0.00	16.11 -0.82 0.00	18.77 -1.11 0.00	21.20 -1.14 0.00	22.34 -1.21 0.02	22.00 -1.04 0.04	20.75 -1.11 0.00	21.80 -1.15 1.72	23.70 -1.64 2.48	25.59 -2.10 3.15	22.86 -1.65 1.66	22.09 -1.44 1.36	24.71 -1.82 1.86	22.64 -2.40 7.93	20.43 -1.57 0.87	20.17 -1.76 0.99	23.52 -2.26 5.85	20.48 -1.62 1.18	18.63 -1.43 1.27	19.22 -0.86 0.41
NIAGARA_115E_LBMP 323715	20.53 -0.53 0.00	18.19 -0.62 0.00	14.75 -0.81 0.00	13.63 -0.74 0.00	13.92 -0.71 0.00	16.20 -0.73 0.00	18.87 -1.01 0.00	21.51 -0.82 0.00	22.74 -0.82 0.02	22.39 -0.65 0.04	21.11 -0.74 0.00	22.22 -0.76 1.68	24.20 -1.18 2.43	26.11 -1.65 3.08	23.29 -1.25 1.63	22.49 -1.06 1.34	25.15 -1.40 1.83	23.37 -1.86 7.74	20.88 -1.13 0.87	20.58 -1.34 0.98	24.20 -1.72 5.71	20.90 -1.21 1.17	19.05 -1.03 1.26	19.47 -0.62 0.41

NIAGARA_115W_LBMP 323714	20.36 -0.70 0.00	18.03 -0.77 0.00	14.62 -0.94 0.00	13.51 -0.86 0.00	13.80 -0.83 0.00	16.06 -0.86 0.00	18.70 -1.17 0.00	21.10 -1.24 0.00	22.23 -1.32 0.02	21.90 -1.15 0.04	20.65 -1.20 0.00	21.69 -1.26 1.72	23.59 -1.74 2.48	25.48 -2.22 3.15	22.78 -1.73 1.66	21.99 -1.55 1.36	24.60 -1.93 1.86	22.50 -2.53 7.93	20.34 -1.66 0.87	20.09 -1.83 0.99	23.40 -2.38 5.85	20.37 -1.72 1.18	18.54 -1.53 1.27	19.08 -1.01 0.41
NIAGARA_230_LBMP 323716	20.72 -0.34 0.00	18.36 -0.45 0.00	14.90 -0.66 0.00	13.76 -0.61 0.00	14.06 -0.57 0.00	16.35 -0.57 0.00	19.09 -0.79 0.00	21.76 -0.57 0.00	23.00 -0.56 0.02	22.63 -0.41 0.04	21.35 -0.51 0.00	22.46 -0.49 1.72	24.51 -0.81 2.50	26.44 -1.24 3.17	23.59 -0.90 1.68	22.76 -0.75 1.38	25.47 -1.03 1.88	23.55 -1.47 7.95	21.07 -0.91 0.89	20.82 -1.08 1.01	24.41 -1.35 5.87	21.14 -0.94 1.20	19.27 -0.77 1.29	19.64 -0.44 0.42
NIAGARA__115KV_198_GIBSON 55903	20.36 -0.70 0.00	18.03 -0.77 0.00	14.62 -0.94 0.00	13.51 -0.86 0.00	13.80 -0.83 0.00	16.06 -0.87 0.00	18.70 -1.17 0.00	21.10 -1.24 0.00	22.23 -1.32 0.02	21.90 -1.15 0.04	20.65 -1.21 0.00	21.68 -1.27 1.72	23.56 -1.77 2.48	25.45 -2.24 3.15	22.74 -1.77 1.66	21.97 -1.56 1.36	24.57 -1.96 1.86	22.49 -2.54 7.93	20.32 -1.68 0.87	20.06 -1.86 0.99	23.38 -2.40 5.85	20.37 -1.73 1.18	18.53 -1.54 1.27	19.15 -0.94 0.41
NIAGARA____ 23760	20.56 -0.50 0.00	18.21 -0.60 0.00	14.76 -0.80 0.00	13.64 -0.73 0.00	13.92 -0.71 0.00	16.22 -0.71 0.00	18.96 -0.92 0.00	21.55 -0.79 0.00	22.76 -0.80 0.02	22.39 -0.65 0.04	21.11 -0.74 0.00	22.22 -0.74 1.71	24.21 -1.13 2.47	26.13 -1.57 3.14	23.31 -1.20 1.66	22.49 -1.04 1.36	25.18 -1.34 1.86	23.26 -1.83 7.89	20.83 -1.17 0.88	20.58 -1.33 1.00	24.12 -1.69 5.82	20.87 -1.22 1.19	18.98 -1.08 1.27	19.38 -0.71 0.41
NINE_MILE_1 23575	20.34 -0.72 0.00	18.15 -0.66 0.00	14.97 -0.59 0.00	13.83 -0.54 0.00	14.09 -0.54 0.00	16.32 -0.60 0.00	19.16 -0.72 0.00	21.59 -0.75 0.00	22.68 -0.77 0.12	22.03 -0.75 0.30	21.12 -0.74 0.00	10.83 -0.82 13.02	8.07 -0.89 18.86	5.91 -1.02 23.91	12.65 -0.84 12.68	13.67 -0.79 10.44	13.30 -0.90 14.18	-28.19 -1.06 60.10	15.45 -0.70 6.73	14.55 -0.71 7.65	-13.66 -0.93 44.36	13.48 -0.70 9.09	10.93 -0.66 9.74	16.69 -0.63 3.17
NINE_MILE_2 23744	20.34 -0.72 0.00	18.15 -0.66 0.00	14.97 -0.59 0.00	13.83 -0.54 0.00	14.09 -0.54 0.00	16.32 -0.60 0.00	19.16 -0.72 0.00	21.59 -0.75 0.00	22.68 -0.77 0.12	22.03 -0.75 0.31	21.12 -0.74 0.00	10.66 -0.82 13.19	7.82 -0.89 19.10	5.61 -1.02 24.22	12.49 -0.84 12.84	13.53 -0.79 10.57	13.12 -0.90 14.36	-28.96 -1.05 60.88	15.36 -0.70 6.81	14.46 -0.71 7.75	-14.24 -0.93 44.94	13.37 -0.69 9.21	10.81 -0.66 9.87	16.65 -0.63 3.22
NM_CAPITAL____DRP 24208	21.59 0.53 0.00	19.31 0.50 0.00	15.94 0.37 0.00	14.74 0.36 0.00	14.99 0.36 0.00	17.29 0.37 0.00	20.28 0.41 0.00	22.68 0.34 0.00	23.94 0.37 0.00	23.47 0.39 0.00	22.33 0.47 0.00	25.20 0.53 0.00	28.36 0.54 0.00	31.57 0.72 0.00	26.76 0.59 0.00	25.35 0.46 0.00	29.04 0.66 0.00	33.78 0.80 0.00	23.49 0.62 0.00	23.62 0.70 0.00	32.55 0.92 0.00	23.97 0.69 0.00	22.01 0.68 0.00	21.09 0.59 0.00
NM_CENTRAL____DRP 24181	20.75 -0.30 0.00	18.52 -0.29 0.00	15.26 -0.30 0.00	14.09 -0.28 0.00	14.35 -0.28 0.00	16.65 -0.28 0.00	19.54 -0.34 0.00	22.05 -0.29 0.00	23.37 -0.20 0.00	22.88 -0.19 0.01	21.63 -0.22 0.00	24.09 -0.23 0.35	27.09 -0.22 0.50	29.93 -0.28 0.64	25.67 -0.17 0.32	24.46 -0.16 0.27	27.81 -0.19 0.38	31.11 -0.23 1.63	22.60 -0.10 0.17	22.61 -0.11 0.20	30.43 -0.06 1.14	22.99 -0.06 0.23	20.98 -0.10 0.25	20.27 -0.13 0.09
NM_FRONTIER____DRP 24179	20.36 -0.70 0.00	18.03 -0.77 0.00	14.62 -0.94 0.00	13.51 -0.86 0.00	13.80 -0.83 0.00	16.06 -0.87 0.00	18.70 -1.17 0.00	21.10 -1.24 0.00	22.23 -1.32 0.02	21.90 -1.15 0.04	20.65 -1.21 0.00	21.68 -1.27 1.72	23.56 -1.77 2.48	25.45 -2.24 3.15	22.74 -1.77 1.66	21.97 -1.56 1.36	24.57 -1.96 1.86	22.49 -2.54 7.93	20.32 -1.68 0.87	20.06 -1.86 0.99	23.38 -2.40 5.85	20.37 -1.73 1.18	18.53 -1.54 1.27	19.15 -0.94 0.41
NM_ST_REGIS____HYD 24053	21.35 0.29 0.00	19.05 0.24 0.00	15.88 0.31 0.00	14.69 0.32 0.00	14.96 0.33 0.00	17.29 0.37 0.00	20.35 0.48 0.00	22.80 0.46 0.00	23.89 0.32 0.00	23.08 0.00 0.00	21.64 -0.22 0.00	24.40 -0.27 0.00	27.52 -0.30 0.00	30.49 -0.35 0.00	25.65 -0.51 0.00	24.21 -0.68 0.00	27.86 -0.52 0.00	32.47 -0.50 0.00	22.37 -0.51 0.00	22.45 -0.46 0.00	30.99 -0.64 0.00	22.74 -0.54 0.00	20.84 -0.49 0.00	19.97 -0.53 0.00
NORTHPORT____1 23551	18.61 1.25 3.70	18.11 1.18 1.87	16.54 0.97 0.00	15.21 0.83 0.00	15.40 0.77 0.00	17.85 0.92 0.00	20.90 1.02 0.00	20.29 0.94 2.99	21.14 1.04 3.47	16.96 1.19 7.31	26.35 1.56 -2.94	32.99 1.83 -6.48	27.18 1.82 2.45	29.69 2.14 3.30	27.87 1.89 0.20	27.52 1.96 -0.67	27.81 2.27 2.84	34.55 2.26 0.68	24.50 1.63 0.00	24.26 1.35 0.00	33.47 1.84 0.00	35.28 1.70 -10.30	41.93 1.58 -19.02	46.68 1.55 -24.62
NORTHPORT____2 23552	18.61 1.25 3.70	18.11 1.18 1.87	16.54 0.97 0.00	15.21 0.83 0.00	15.40 0.77 0.00	17.85 0.92 0.00	20.90 1.02 0.00	20.29 0.94 2.99	21.14 1.04 3.47	16.96 1.19 7.31	26.35 1.56 -2.94	32.99 1.83 -6.48	27.18 1.82 2.45	29.69 2.14 3.30	27.87 1.89 0.20	27.52 1.96 -0.67	27.81 2.27 2.84	34.55 2.26 0.68	24.50 1.63 0.00	24.26 1.35 0.00	33.47 1.84 0.00	35.28 1.70 -10.30	41.93 1.58 -19.02	46.68 1.55 -24.62
NORTHPORT____3 23553	18.49 1.21 3.78	18.03 1.14 1.92	16.51 0.94 0.00	15.18 0.80 0.00	15.38 0.74 0.00	17.82 0.89 0.00	20.87 0.99 0.00	20.18 0.90 3.05	21.03 1.00 3.54	16.78 1.17 7.47	26.18 1.53 -2.79	32.95 1.80 -6.48	27.06 1.77 2.51	29.50 2.04 3.38	27.81 1.85 0.20	27.43 1.92 -0.62	27.59 2.21 3.01	34.49 2.21 0.69	24.47 1.60 0.00	24.23 1.32 0.00	33.42 1.79 0.00	35.23 1.65 -10.30	41.93 1.58 -19.02	46.71 1.59 -24.62
NORTHPORT____4 23650	18.49 1.21 3.78	18.03 1.14 1.92	16.51 0.94 0.00	15.18 0.80 0.00	15.38 0.74 0.00	17.82 0.89 0.00	20.87 0.99 0.00	20.18 0.90 3.05	21.03 1.00 3.54	16.78 1.17 7.47	26.18 1.53 -2.79	32.95 1.80 -6.48	27.06 1.77 2.51	29.50 2.04 3.38	27.81 1.85 0.20	27.43 1.92 -0.62	27.59 2.21 3.01	34.49 2.21 0.69	24.47 1.60 0.00	24.23 1.32 0.00	33.42 1.79 0.00	35.23 1.65 -10.30	41.93 1.58 -19.02	46.71 1.59 -24.62
NORTHPORT____IC 23718	18.61 1.25 3.70	18.11 1.18 1.87	16.54 0.97 0.00	15.21 0.83 0.00	15.40 0.77 0.00	17.85 0.92 0.00	20.90 1.02 0.00	20.29 0.94 2.99	21.14 1.04 3.47	16.96 1.19 7.31	26.35 1.56 -2.94	32.99 1.83 -6.48	27.18 1.82 2.45	29.69 2.14 3.30	27.87 1.89 0.20	27.52 1.96 -0.67	27.81 2.27 2.84	34.55 2.26 0.68	24.50 1.63 0.00	24.26 1.35 0.00	33.47 1.84 0.00	35.28 1.70 -10.30	41.93 1.58 -19.02	46.68 1.55 -24.62

NORTH____COUNTRY_ESR 323785	21.53 0.48 0.00	19.25 0.44 0.00	16.02 0.46 0.00	14.82 0.45 0.00	15.07 0.44 0.00	17.38 0.45 0.00	20.40 0.52 0.00	22.79 0.46 0.00	23.86 0.29 0.00	23.26 0.18 0.00	21.90 0.05 0.00	24.78 0.11 0.00	27.89 0.08 0.00	31.05 0.21 0.00	26.10 -0.07 0.00	24.35 -0.54 0.00	28.65 0.27 0.00	33.55 0.58 0.00	23.16 0.29 0.00	23.15 0.24 0.00	31.73 0.10 0.00	23.23 -0.04 0.00	21.28 -0.06 0.00	20.25 -0.25 0.00
NPX_GEN_1385_PROXY 323591	18.65 1.29 3.70	18.15 1.21 1.87	16.57 1.00 0.00	15.23 0.86 0.00	15.43 0.80 0.00	17.88 0.96 0.00	20.93 1.06 0.00	20.33 0.98 2.99	21.19 1.08 3.47	17.01 1.24 7.31	26.39 1.60 -2.94	33.04 1.89 -6.48	27.19 1.83 2.45	29.74 2.20 3.30	27.92 1.95 0.20	27.56 2.00 -0.67	27.87 2.33 2.84	34.61 2.32 0.68	24.54 1.67 0.00	24.31 1.40 0.00	33.53 1.90 0.00	35.33 1.75 -10.30	41.97 1.62 -19.02	46.72 1.60 -24.62
NPX_GEN_CSC 323557	18.78 1.01 3.28	18.12 0.97 1.66	16.36 0.79 0.00	15.09 0.71 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.66 0.79 0.00	20.34 0.65 2.65	21.22 0.72 3.08	17.49 0.90 6.49	26.78 1.24 -3.69	32.62 1.47 -6.48	27.11 1.43 2.13	29.88 1.91 2.87	27.52 1.52 0.17	27.51 1.69 -0.94	28.50 2.10 1.98	34.52 2.15 0.60	24.51 1.63 0.00	24.23 1.32 0.00	33.39 1.76 0.00	35.23 1.65 -10.30	41.87 1.52 -19.02	46.54 1.42 -24.62
NSINS_S_GLNS_FALLS 23858	22.68 1.63 0.00	20.29 1.48 0.00	16.71 1.15 0.00	15.42 1.05 0.00	15.71 1.08 0.00	18.21 1.28 0.00	21.46 1.59 0.00	24.04 1.71 0.00	25.38 1.81 0.00	24.84 1.76 0.00	23.56 1.71 0.00	26.60 1.93 0.00	29.99 2.17 0.00	33.44 2.59 0.00	28.16 2.00 0.00	26.64 1.75 0.00	30.79 2.41 0.00	35.90 2.93 0.00	24.95 2.07 0.00	25.14 2.24 0.00	34.59 2.96 0.00	25.53 2.26 0.00	23.38 2.05 0.00	22.38 1.88 0.00
NUCOR_STEEL____DRP 24197	21.14 0.08 0.00	18.88 0.07 0.00	15.46 -0.10 0.00	14.34 -0.04 0.00	14.61 -0.02 0.00	16.90 -0.03 0.00	19.96 0.08 0.00	22.57 0.23 0.00	23.83 0.26 0.00	23.28 0.20 0.00	21.97 0.11 0.00	24.82 0.15 0.00	27.93 0.12 0.00	30.99 0.15 0.00	26.26 0.10 0.00	25.14 0.25 0.00	28.53 0.15 0.00	33.15 0.18 0.00	23.14 0.27 0.00	23.10 0.19 0.00	32.11 0.49 0.00	23.49 0.22 0.00	21.48 0.15 0.00	20.69 0.20 0.00
NUMBER_THREE_WT_PWR 323818	21.52 0.46 0.00	19.19 0.39 0.00	15.88 0.32 0.00	14.67 0.30 0.00	14.94 0.31 0.00	17.33 0.40 0.00	20.42 0.54 0.00	22.99 0.65 0.00	24.22 0.65 0.00	23.54 0.46 0.00	22.12 0.27 0.00	24.86 0.19 0.00	27.93 0.12 0.00	30.70 -0.14 0.00	25.93 -0.24 0.00	24.57 -0.32 0.00	28.02 -0.36 0.00	32.70 -0.27 0.00	22.79 -0.08 0.00	23.03 0.12 0.00	31.96 0.33 0.00	23.50 0.22 0.00	21.50 0.17 0.00	20.66 0.16 0.00
NYISO_LBMP_REFERENCE 24008	21.06 0.00 0.00	18.81 0.00 0.00	15.56 0.00 0.00	14.37 0.00 0.00	14.63 0.00 0.00	16.93 0.00 0.00	19.88 0.00 0.00	22.34 0.00 0.00	23.57 0.00 0.00	23.08 0.00 0.00	21.85 0.00 0.00	24.67 0.00 0.00	27.81 0.00 0.00	30.85 0.00 0.00	26.17 0.00 0.00	24.89 0.00 0.00	28.38 0.00 0.00	32.97 0.00 0.00	22.87 0.00 0.00	22.91 0.00 0.00	31.63 0.00 0.00	23.28 0.00 0.00	21.33 0.00 0.00	20.50 0.00 0.00
NYPA_BRENTWD____GT 24164	19.76 1.47 2.76	18.77 1.36 1.40	16.68 1.11 0.00	15.33 0.96 0.00	15.52 0.90 0.00	18.00 1.08 0.00	21.10 1.22 0.00	21.28 1.17 2.23	22.27 1.29 2.59	19.06 1.44 5.46	28.27 1.78 -4.64	33.24 2.09 -6.48	28.19 2.12 1.73	31.08 2.56 2.33	28.25 2.23 0.15	28.41 2.25 -1.27	30.11 2.65 0.91	35.11 2.65 0.51	24.80 1.93 0.00	24.56 1.65 0.00	33.93 2.29 0.00	35.66 2.08 -10.30	42.26 1.91 -19.02	46.95 1.82 -24.62
NYPA_GOWANUS____GT5 24156	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NYPA_GOWANUS____GT6 24157	22.31 1.25 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.90 2.09 0.00	33.25 2.41 0.00	28.32 2.16 0.00	26.95 2.06 0.00	30.76 2.38 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.71 1.80 0.00	34.02 2.38 0.00	25.10 1.82 0.00	22.96 1.63 0.00	22.03 1.54 0.00
NYPA_HARLEM_RVR_GT1 24160	22.17 1.11 0.00	19.89 1.08 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.29 0.66 0.00	17.75 0.82 0.00	20.85 0.97 0.00	23.44 1.10 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.36 1.50 0.00	26.40 1.73 0.00	29.75 1.94 0.00	33.12 2.28 0.00	28.19 2.02 0.00	26.83 1.94 0.00	30.59 2.21 0.00	35.53 2.56 0.00	24.61 1.74 0.00	24.52 1.61 0.00	33.77 2.14 0.00	24.93 1.65 0.00	22.83 1.50 0.00	21.92 1.42 0.00
NYPA_HARLEM_RVR_GT2 24161	22.17 1.11 0.00	19.89 1.08 0.00	16.37 0.80 0.00	15.03 0.66 0.00	15.29 0.66 0.00	17.75 0.82 0.00	20.85 0.97 0.00	23.44 1.10 0.00	24.84 1.27 0.00	24.45 1.37 0.00	23.36 1.50 0.00	26.40 1.73 0.00	29.75 1.94 0.00	33.12 2.28 0.00	28.19 2.02 0.00	26.83 1.94 0.00	30.59 2.21 0.00	35.53 2.56 0.00	24.61 1.74 0.00	24.52 1.61 0.00	33.77 2.14 0.00	24.93 1.65 0.00	22.83 1.50 0.00	21.92 1.42 0.00
NYPA_KENT____GT 24152	22.28 1.23 0.00	19.96 1.15 0.00	16.43 0.87 0.00	15.11 0.73 0.00	15.37 0.74 0.00	17.84 0.91 0.00	20.95 1.07 0.00	23.53 1.19 0.00	24.95 1.38 0.00	24.57 1.49 0.00	23.42 1.56 0.00	26.52 1.85 0.00	29.89 2.08 0.00	33.24 2.40 0.00	28.31 2.14 0.00	26.95 2.06 0.00	30.75 2.38 0.00	35.76 2.79 0.00	24.77 1.90 0.00	24.69 1.78 0.00	33.96 2.33 0.00	25.06 1.78 0.00	22.93 1.60 0.00	22.00 1.50 0.00
NYPA_POUCH1____GT 24155	22.27 1.22 0.00	19.95 1.14 0.00	16.41 0.85 0.00	15.11 0.73 0.00	15.44 0.81 0.00	17.93 1.00 0.00	20.94 1.06 0.00	23.48 1.14 0.00	24.88 1.31 0.00	24.49 1.41 0.00	23.35 1.50 0.00	26.44 1.77 0.00	29.80 1.98 0.00	33.14 2.30 0.00	28.24 2.08 0.00	26.87 1.98 0.00	30.68 2.30 0.00	35.73 2.75 0.00	24.76 1.89 0.00	24.67 1.76 0.00	33.96 2.33 0.00	25.07 1.79 0.00	22.93 1.60 0.00	22.00 1.50 0.00
NYPA_VERNON____GT2 24162	22.26 1.21 0.00	19.94 1.14 0.00	16.42 0.86 0.00	15.09 0.72 0.00	15.34 0.71 0.00	17.81 0.88 0.00	20.94 1.07 0.00	23.53 1.20 0.00	24.96 1.39 0.00	24.59 1.51 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.89 2.08 0.00	33.24 2.39 0.00	28.30 2.14 0.00	26.94 2.05 0.00	30.75 2.37 0.00	35.72 2.75 0.00	24.74 1.87 0.00	24.65 1.74 0.00	33.91 2.28 0.00	25.02 1.75 0.00	22.89 1.56 0.00	21.97 1.47 0.00

NYPA_VERNON____GT3 24163	22.26	19.94	16.42	15.09	15.34	17.81	20.94	23.53	24.96	24.59	23.42	26.51	29.89	33.24	28.30	26.94	30.75	35.72	24.74	24.65	33.91	25.02	22.89	21.97
	1.21	1.14	0.86	0.72	0.71	0.88	1.07	1.20	1.39	1.51	1.56	1.85	2.08	2.39	2.14	2.05	2.37	2.75	1.87	1.74	2.28	1.75	1.56	1.47
	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
NYPA____ASTORIA_CC1 323568	22.22	19.91	16.40	15.07	15.32	17.78	20.91	23.49	24.91	24.53	23.38	26.46	29.83	33.18	28.25	26.89	30.68	35.64	24.70	24.60	33.86	24.98	22.85	21.93
	1.17	1.10	0.84	0.70	0.69	0.85	1.03	1.15	1.34	1.45	1.52	1.79	2.02	2.33	2.08	2.00	2.30	2.67	1.82	1.69	2.22	1.70	1.52	1.43
	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
NYPA____ASTORIA_CC2 323569	22.22	19.91	16.40	15.07	15.32	17.78	20.91	23.49	24.91	24.53	23.38	26.46	29.83	33.18	28.25	26.89	30.68	35.64	24.70	24.60	33.86	24.98	22.85	21.93
	1.17	1.10	0.84	0.70	0.69	0.85	1.03	1.15	1.34	1.45	1.52	1.79	2.02	2.33	2.08	2.00	2.30	2.67	1.82	1.69	2.22	1.70	1.52	1.43
	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
NYPA____HOLTSVILL 23794	19.01	18.33	16.55	15.22	15.40	17.86	20.89	20.58	21.49	17.71	27.00	32.94	27.40	30.16	27.89	27.77	28.68	34.76	24.66	24.39	33.63	35.41	42.05	46.75
	1.27	1.20	0.98	0.85	0.77	0.93	1.02	0.92	1.03	1.18	1.52	1.79	1.75	2.22	1.90	1.96	2.36	2.39	1.78	1.47	2.00	1.83	1.70	1.63
	3.32	1.68	0.00	0.00	0.00	0.00	0.00	2.68	3.11	6.56	-3.63	-6.48	2.16	2.91	0.18	-0.92	2.05	0.61	0.00	0.00	0.00	-10.30	-19.02	-24.62
NYPA____HELLGATE_GT1 24158	22.17	19.89	16.37	15.03	15.29	17.75	20.85	23.44	24.84	24.45	23.36	26.40	29.75	33.12	28.19	26.83	30.57	35.50	24.59	24.51	33.76	24.93	22.83	21.92
	1.11	1.08	0.80	0.66	0.66	0.82	0.97	1.10	1.27	1.37	1.50	1.73	1.94	2.28	2.02	1.94	2.19	2.53	1.72	1.59	2.13	1.65	1.50	1.42
	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
NYPA____HELLGATE_GT2 24159	22.17	19.89	16.37	15.03	15.29	17.75	20.85	23.44	24.84	24.45	23.36	26.40	29.75	33.12	28.19	26.83	30.57	35.50	24.59	24.51	33.76	24.93	22.83	21.92
	1.11	1.08	0.80	0.66	0.66	0.82	0.97	1.10	1.27	1.37	1.50	1.73	1.94	2.28	2.02	1.94	2.19	2.53	1.72	1.59	2.13	1.65	1.50	1.42
	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
NYS_BARGE____HYD 23848	20.93	18.55	15.04	13.90	14.20	16.53	19.29	22.01	23.25	22.86	21.55	22.71	24.81	26.78	23.88	23.06	25.81	23.93	21.26	20.99	24.73	21.31	19.41	19.79
	-0.12	-0.26	-0.52	-0.47	-0.43	-0.40	-0.58	-0.33	-0.31	-0.18	-0.30	-0.25	-0.54	-0.94	-0.63	-0.47	-0.72	-1.22	-0.73	-0.92	-1.13	-0.78	-0.65	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	1.71	2.47	3.12	1.66	1.36	1.85	7.82	0.88	1.00	5.77	1.19	1.27	0.42
OAK ORCHARD____HYD 24046	21.06	18.70	15.27	14.10	14.39	16.74	19.63	22.30	23.53	23.09	21.81	22.84	25.03	27.18	24.29	23.41	26.28	24.19	21.82	21.62	25.13	21.86	19.84	20.06
	0.00	-0.11	-0.29	-0.27	-0.24	-0.19	-0.24	-0.04	-0.03	0.05	-0.04	0.03	-0.10	-0.26	-0.08	0.01	-0.09	-0.22	-0.10	-0.20	-0.19	-0.12	-0.11	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	1.86	2.69	3.41	1.81	1.49	2.02	8.55	0.96	1.09	6.31	1.29	1.39	0.45
OAKDALE____35_KV_LOAD 356122	21.23	18.95	15.55	14.38	14.62	17.01	20.00	22.65	23.96	23.48	22.16	24.57	27.51	30.38	26.13	24.90	28.31	31.24	22.96	22.94	30.52	23.26	21.24	20.64
	0.18	0.14	-0.01	0.01	-0.01	0.08	0.13	0.31	0.40	0.41	0.31	0.38	0.39	0.40	0.42	0.39	0.44	0.46	0.33	0.31	0.50	0.32	0.27	0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.47	0.69	0.87	0.46	0.38	0.52	2.19	0.24	0.28	1.61	0.33	0.35	0.11
OCC_CHEM____DRP 24175	20.42	18.09	14.67	13.55	13.85	16.11	18.77	21.20	22.34	22.00	20.75	21.80	23.70	25.59	22.86	22.09	24.71	22.64	20.43	20.17	23.52	20.48	18.63	19.22
	-0.64	-0.72	-0.90	-0.82	-0.78	-0.82	-1.11	-1.14	-1.21	-1.04	-1.11	-1.15	-1.64	-2.10	-1.65	-1.44	-1.82	-2.40	-1.57	-1.76	-2.26	-1.62	-1.43	-0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	1.72	2.48	3.15	1.66	1.36	1.86	7.93	0.87	0.99	5.85	1.18	1.27	0.41
OH_GEN_PROXY 24063	20.75	18.39	14.92	13.79	14.08	16.38	19.13	21.83	23.07	22.70	21.40	22.52	24.59	26.54	23.67	22.83	25.56	23.66	21.13	20.89	24.51	21.20	19.32	19.67
	-0.31	-0.42	-0.64	-0.59	-0.55	-0.54	-0.74	-0.51	-0.49	-0.34	-0.45	-0.43	-0.73	-1.14	-0.82	-0.68	-0.95	-1.37	-0.86	-1.01	-1.25	-0.88	-0.73	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	1.72	2.49	3.16	1.67	1.38	1.87	7.94	0.89	1.01	5.86	1.20	1.29	0.42
OLIN_CORP_DRP 24177	20.56	18.21	14.78	13.65	13.94	16.23	18.91	21.56	22.78	22.43	21.15	22.28	24.25	26.16	23.33	22.54	25.21	23.46	20.90	20.60	24.27	20.95	19.09	19.51
	-0.49	-0.59	-0.78	-0.72	-0.69	-0.70	-0.97	-0.78	-0.77	-0.61	-0.70	-0.72	-1.14	-1.61	-1.22	-1.02	-1.35	-1.80	-1.11	-1.32	-1.67	-1.16	-0.99	-0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	1.67	2.42	3.07	1.63	1.34	1.82	7.71	0.86	0.98	5.69	1.17	1.25	0.41
OLIN_CORP_DSASP 323712	20.42	18.09	14.67	13.55	13.85	16.11	18.77	21.20	22.34	22.00	20.75	21.81	23.73	25.62	22.90	22.10	24.72	22.66	20.45	20.20	23.54	20.48	18.64	19.17
	-0.64	-0.71	-0.90	-0.82	-0.78	-0.81	-1.11	-1.14	-1.21	-1.04	-1.10	-1.15	-1.61	-2.08	-1.61	-1.43	-1.81	-2.37	-1.55	-1.73	-2.24	-1.61	-1.43	-0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	1.72	2.48	3.15	1.66	1.36	1.86	7.93	0.87	0.99	5.85	1.18	1.27	0.41
ONEIDA_HERK_LFGE 323681	21.48	19.18	15.84	14.63	14.90	17.28	20.34	22.90	24.18	23.58	22.24	25.03	28.24	31.10	26.34	25.00	28.53	33.24	23.15	23.31	32.26	23.72	21.69	20.81
	0.43	0.37	0.28	0.26	0.27	0.35	0.46	0.56	0.61	0.50	0.39	0.36	0.43	0.25	0.17	0.11	0.15	0.27	0.28	0.40	0.63	0.44	0.36	0.31
	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
ONEIDA____115KV_TB4 55905	21.55	19.22	15.86	14.66	14.94	17.33	20.40	22.99	24.32	23.75	22.40	25.23	28.51	31.40	26.58	25.26	28.81	33.47	23.38	23.53	32.56	23.94	21.87	20.94
	0.49	0.42	0.30	0.29	0.31	0.40	0.52	0.65	0.75	0.67	0.55	0.56	0.69	0.55	0.41	0.37	0.45	0.58	0.50	0.62	0.93	0.67	0.53	0.45
	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	0.02	0.08	0.00	0.00	0.00	0.00	0.00	0.01

ONONDAGA_REF_OCCRA 23987	20.91 -0.15 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.77 -0.16 0.00	19.70 -0.18 0.00	22.24 -0.10 0.00	23.53 -0.04 0.00	23.05 -0.03 0.00	21.76 -0.09 0.00	24.58 -0.09 0.00	27.75 -0.07 0.00	30.74 -0.11 0.00	26.13 -0.04 0.00	24.85 -0.04 0.00	28.32 -0.04 0.02	32.83 -0.02 0.12	22.91 0.03 0.00	22.94 0.03 0.00	31.77 0.14 0.00	23.35 0.08 0.00	21.36 0.02 0.00	20.47 -0.01 0.01
ONONDAGA___COGEN 23986	20.90 -0.16 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.76 -0.16 0.00	19.71 -0.17 0.00	22.24 -0.10 0.00	23.52 -0.06 0.00	23.03 -0.06 -0.01	21.75 -0.11 0.00	24.84 -0.10 -0.28	28.11 -0.10 -0.40	31.23 -0.12 -0.51	26.37 -0.08 -0.28	25.07 -0.05 -0.22	28.62 -0.06 -0.30	34.16 -0.05 -1.25	23.04 0.03 -0.15	23.08 0.00 -0.16	32.68 0.08 -0.96	23.50 0.03 -0.20	21.52 -0.02 -0.21	20.52 -0.04 -0.06
ONTARIO___LFGE 23819	21.16 0.10 0.00	18.84 0.03 0.00	15.41 -0.15 0.00	14.26 -0.11 0.00	14.53 -0.10 0.00	16.92 -0.01 0.00	19.93 0.06 0.00	22.66 0.32 0.00	23.94 0.38 0.01	23.42 0.37 0.03	22.02 0.16 0.00	23.86 0.26 1.06	26.56 0.28 1.54	29.10 0.20 1.95	25.45 0.32 1.03	24.37 0.33 0.85	27.55 0.32 1.16	28.42 0.35 4.90	22.65 0.33 0.55	22.58 0.29 0.62	28.57 0.54 3.61	22.85 0.31 0.74	20.77 0.22 0.79	20.48 0.25 0.26
ORANGEVILLE_WT_PWR 323706	20.99 -0.07 0.00	18.62 -0.19 0.00	15.12 -0.45 0.00	13.99 -0.38 0.00	14.26 -0.37 0.00	16.63 -0.30 0.00	19.52 -0.36 0.00	22.31 -0.03 0.00	23.65 0.09 0.01	23.19 0.14 0.03	21.75 -0.10 0.00	23.24 -0.02 1.40	25.60 -0.19 2.03	27.87 -0.40 2.57	24.66 -0.15 1.36	23.68 -0.09 1.12	26.64 -0.22 1.53	26.01 -0.50 6.46	21.87 -0.28 0.72	21.74 -0.35 0.82	26.62 -0.24 4.77	22.09 -0.21 0.98	20.11 -0.18 1.05	20.21 0.06 0.34
ORANGEVILLE___ESR 323794	20.99 -0.07 0.00	18.62 -0.19 0.00	15.12 -0.45 0.00	13.99 -0.38 0.00	14.26 -0.37 0.00	16.63 -0.30 0.00	19.52 -0.36 0.00	22.31 -0.03 0.00	23.65 0.09 0.01	23.19 0.14 0.03	21.75 -0.10 0.00	23.24 -0.02 1.40	25.60 -0.19 2.03	27.87 -0.40 2.57	24.66 -0.15 1.36	23.68 -0.09 1.12	26.64 -0.22 1.53	26.01 -0.50 6.46	21.87 -0.28 0.72	21.74 -0.35 0.82	26.62 -0.24 4.77	22.09 -0.21 0.98	20.11 -0.18 1.05	20.21 0.06 0.34
OSWEGATCHIE___HYD 24044	21.36 0.30 0.00	19.05 0.24 0.00	15.82 0.26 0.00	14.62 0.25 0.00	14.90 0.27 0.00	17.25 0.33 0.00	20.32 0.45 0.00	22.83 0.50 0.00	24.00 0.43 0.00	23.21 0.13 0.00	21.77 -0.09 0.00	24.49 -0.17 0.00	27.53 -0.29 0.00	30.36 -0.48 0.00	25.58 -0.59 0.00	24.17 -0.72 0.00	27.66 -0.73 0.00	32.24 -0.74 0.00	22.30 -0.57 0.00	22.53 -0.38 0.00	31.22 -0.42 0.00	22.89 -0.38 0.00	21.03 -0.31 0.00	20.20 -0.29 0.00
OSWEGO___5 23606	20.52 -0.54 0.00	18.31 -0.50 0.00	15.10 -0.46 0.00	13.95 -0.43 0.00	14.21 -0.43 0.00	16.46 -0.46 0.00	19.33 -0.54 0.00	21.79 -0.55 0.00	23.06 -0.55 -0.05	22.67 -0.54 -0.12	21.31 -0.54 0.00	29.27 -0.60 -5.20	34.69 -0.65 -7.53	39.64 -0.75 -9.55	30.63 -0.60 -5.07	28.50 -0.57 -4.17	33.38 -0.66 -5.66	56.22 -0.77 -24.01	25.06 -0.50 -2.69	25.46 -0.51 -3.05	48.71 -0.65 -17.73	26.41 -0.50 -3.63	24.75 -0.48 -3.90	21.31 -0.45 -1.27
OSWEGO___6 23613	20.52 -0.54 0.00	18.31 -0.50 0.00	15.10 -0.46 0.00	13.95 -0.43 0.00	14.21 -0.43 0.00	16.46 -0.46 0.00	19.33 -0.54 0.00	21.79 -0.55 0.00	23.06 -0.55 -0.05	22.67 -0.54 -0.12	21.31 -0.54 0.00	29.27 -0.60 -5.20	34.69 -0.65 -7.53	39.64 -0.75 -9.55	30.63 -0.60 -5.07	28.50 -0.57 -4.17	33.38 -0.66 -5.66	56.22 -0.77 -24.01	25.06 -0.50 -2.69	25.46 -0.51 -3.05	48.71 -0.65 -17.73	26.41 -0.50 -3.63	24.75 -0.48 -3.90	21.31 -0.45 -1.27
OUTOKUMPU-AB___DRP 24206	20.98 -0.08 0.00	18.60 -0.21 0.00	15.08 -0.48 0.00	13.93 -0.44 0.00	14.23 -0.40 0.00	16.57 -0.36 0.00	19.35 -0.52 0.00	22.00 -0.34 0.00	23.23 -0.32 0.02	22.87 -0.17 0.04	21.55 -0.30 0.00	22.77 -0.23 1.67	24.89 -0.54 2.39	26.92 -0.92 3.00	23.94 -0.63 1.60	23.09 -0.48 1.32	25.87 -0.72 1.78	24.31 -1.14 7.52	21.31 -0.71 0.85	21.06 -0.89 0.97	25.02 -1.06 5.55	21.39 -0.74 1.15	19.45 -0.64 1.23	19.86 -0.23 0.40
OXBOW____ 24026	20.75 -0.31 0.00	18.39 -0.42 0.00	14.91 -0.65 0.00	13.78 -0.59 0.00	14.08 -0.55 0.00	16.38 -0.54 0.00	19.11 -0.77 0.00	21.66 -0.68 0.00	22.85 -0.70 0.02	22.50 -0.54 0.04	21.22 -0.64 0.00	22.36 -0.62 1.69	24.42 -0.98 2.41	26.42 -1.40 3.02	23.53 -1.03 1.61	22.69 -0.88 1.33	25.41 -1.17 1.80	23.73 -1.66 7.58	20.95 -1.06 0.86	20.71 -1.23 0.97	24.49 -1.55 5.59	21.01 -1.11 1.16	19.11 -0.98 1.24	19.55 -0.54 0.41
OXY_CHEM_DSASP 323612	20.42 -0.64 0.00	18.09 -0.72 0.00	14.67 -0.90 0.00	13.55 -0.82 0.00	13.85 -0.78 0.00	16.11 -0.82 0.00	18.77 -1.11 0.00	21.20 -1.14 0.00	22.34 -1.21 0.02	22.00 -1.04 0.04	20.75 -1.11 0.00	21.80 -1.15 1.72	23.70 -1.64 2.48	25.59 -2.10 3.15	22.86 -1.65 1.66	22.09 -1.44 1.36	24.71 -1.82 1.86	22.64 -2.40 7.93	20.43 -1.57 0.87	20.17 -1.76 0.99	23.52 -2.26 5.85	20.48 -1.62 1.18	18.63 -1.43 1.27	19.22 -0.86 0.41
OZONE_PARK_ESR 323760	22.43 1.37 0.00	20.08 1.27 0.00	16.53 0.97 0.00	15.19 0.81 0.00	15.43 0.80 0.00	17.91 0.98 0.00	21.11 1.23 0.00	23.72 1.39 0.00	25.17 1.60 0.00	24.79 1.71 0.00	23.60 1.74 0.00	26.71 2.04 0.00	30.11 2.29 0.00	33.49 2.65 0.00	28.52 2.36 0.00	27.15 2.26 0.00	30.98 2.60 0.00	35.98 3.01 0.00	24.93 2.06 0.00	24.85 1.94 0.00	34.19 2.56 0.00	25.22 1.94 0.00	23.08 1.74 0.00	22.14 1.64 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.42 -0.64 0.00	18.09 -0.72 0.00	14.67 -0.90 0.00	13.55 -0.82 0.00	13.85 -0.78 0.00	16.11 -0.82 0.00	18.77 -1.11 0.00	21.20 -1.14 0.00	22.34 -1.21 0.02	22.00 -1.04 0.04	20.75 -1.11 0.00	21.80 -1.15 1.72	23.70 -1.64 2.48	25.59 -2.10 3.15	22.86 -1.65 1.66	22.09 -1.44 1.36	24.71 -1.82 1.86	22.64 -2.40 7.93	20.43 -1.57 0.87	20.17 -1.76 0.99	23.52 -2.26 5.85	20.48 -1.62 1.18	18.63 -1.43 1.27	19.22 -0.86 0.41
PACKARD___115KV_DUPONT_184 80571	20.42 -0.64 0.00	18.09 -0.72 0.00	14.67 -0.90 0.00	13.55 -0.82 0.00	13.85 -0.78 0.00	16.11 -0.82 0.00	18.77 -1.11 0.00	21.20 -1.14 0.00	22.34 -1.21 0.02	22.00 -1.04 0.04	20.75 -1.11 0.00	21.80 -1.15 1.72	23.70 -1.64 2.48	25.59 -2.10 3.15	22.86 -1.65 1.66	22.09 -1.44 1.36	24.71 -1.82 1.86	22.64 -2.40 7.93	20.43 -1.57 0.87	20.17 -1.76 0.99	23.52 -2.26 5.85	20.48 -1.62 1.18	18.63 -1.43 1.27	19.22 -0.86 0.41
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.20 1.14 0.00	19.90 1.09 0.00	16.37 0.81 0.00	15.04 0.67 0.00	15.28 0.66 0.00	17.75 0.82 0.00	20.86 0.99 0.00	23.44 1.10 0.00	24.83 1.26 0.00	24.43 1.35 0.00	23.33 1.48 0.00	26.37 1.70 0.00	29.73 1.91 0.00	33.10 2.25 0.00	28.17 2.00 0.00	26.80 1.92 0.00	30.57 2.19 0.00	35.51 2.54 0.00	24.61 1.74 0.00	24.54 1.64 0.00	33.79 2.16 0.00	24.93 1.65 0.00	22.83 1.50 0.00	21.91 1.41 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.14 1.08 0.00	19.84 1.03 0.00	16.33 0.77 0.00	14.99 0.62 0.00	15.23 0.60 0.00	17.69 0.76 0.00	20.79 0.91 0.00	23.37 1.03 0.00	24.75 1.18 0.00	24.36 1.28 0.00	23.27 1.42 0.00	26.29 1.62 0.00	29.73 1.92 0.00	33.01 2.16 0.00	28.09 1.93 0.00	26.72 1.83 0.00	30.48 2.10 0.00	35.41 2.44 0.00	24.54 1.67 0.00	24.47 1.56 0.00	33.71 2.08 0.00	24.89 1.61 0.00	22.79 1.46 0.00	21.88 1.38 0.00
PATROON__115KV_TB1 80586	21.59 0.53 0.00	19.31 0.50 0.00	15.94 0.37 0.00	14.74 0.37 0.00	14.99 0.36 0.00	17.29 0.36 0.00	20.29 0.42 0.00	22.70 0.37 0.00	23.97 0.40 0.00	23.51 0.42 0.00	22.36 0.50 0.00	25.23 0.56 0.00	28.41 0.60 0.00	31.61 0.76 0.00	26.82 0.65 0.00	25.41 0.52 0.00	29.11 0.73 0.00	33.86 0.88 0.00	23.55 0.67 0.00	23.66 0.75 0.00	32.60 0.97 0.00	24.01 0.73 0.00	22.04 0.70 0.00	21.10 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.19 0.13 0.00	18.79 -0.02 0.00	15.24 -0.32 0.00	14.09 -0.28 0.00	14.38 -0.25 0.00	16.76 -0.17 0.00	19.64 -0.24 0.00	22.46 0.13 0.00	23.78 0.22 0.02	23.38 0.34 0.04	22.02 0.17 0.00	23.37 0.25 1.54	25.59 0.01 2.23	27.73 -0.29 2.83	24.57 -0.10 1.50	23.66 0.00 1.23	26.57 -0.14 1.67	25.44 -0.44 7.10	21.83 -0.25 0.80	21.61 -0.40 0.90	26.03 -0.37 5.24	21.93 -0.27 1.08	19.96 -0.22 1.15	20.17 0.05 0.38
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.30 1.24 0.00	19.94 1.13 0.00	16.42 0.85 0.00	15.11 0.73 0.00	15.35 0.72 0.00	17.82 0.89 0.00	20.98 1.10 0.00	23.56 1.23 0.00	24.94 1.37 0.00	24.53 1.45 0.00	23.33 1.48 0.00	26.41 1.74 0.00	29.74 1.93 0.00	33.07 2.23 0.00	28.17 2.01 0.00	26.82 1.93 0.00	30.66 2.28 0.00	35.63 2.65 0.00	24.74 1.86 0.00	24.69 1.78 0.00	33.97 2.34 0.00	25.03 1.75 0.00	22.89 1.56 0.00	21.94 1.44 0.00
PEEKSKILL____ 23653	22.11 1.05 0.00	19.78 0.97 0.00	16.29 0.72 0.00	14.97 0.60 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.78 0.90 0.00	23.33 0.99 0.00	24.72 1.15 0.00	24.32 1.24 0.00	23.14 1.28 0.00	26.18 1.51 0.00	29.51 1.70 0.00	32.83 1.99 0.00	27.94 1.77 0.00	26.59 1.70 0.00	30.36 1.98 0.00	35.27 2.30 0.00	24.46 1.58 0.00	24.39 1.48 0.00	33.58 1.95 0.00	24.75 1.48 0.00	22.65 1.31 0.00	21.74 1.24 0.00
PGE MADISON__WINDPWR 24146	22.01 0.95 0.00	19.61 0.80 0.00	16.13 0.56 0.00	15.04 0.66 0.00	15.34 0.71 0.00	17.95 1.02 0.00	21.22 1.34 0.00	24.08 1.75 0.00	25.01 1.44 0.00	24.36 1.29 0.01	22.88 1.02 0.00	25.54 1.21 0.35	28.68 1.37 0.50	31.49 1.28 0.63	26.86 1.03 0.34	25.67 1.06 0.28	29.79 1.78 0.38	33.56 2.19 1.60	24.45 1.76 0.18	24.59 1.88 0.20	33.14 2.68 1.17	24.97 1.94 0.24	22.77 1.69 0.25	21.92 1.51 0.08
PIERCEFIELD__HYD 23852	21.23 0.17 0.00	18.94 0.13 0.00	15.78 0.22 0.00	14.60 0.23 0.00	14.88 0.25 0.00	17.21 0.28 0.00	20.26 0.39 0.00	22.71 0.38 0.00	23.81 0.24 0.00	22.95 -0.13 0.00	21.50 -0.35 0.00	24.23 -0.44 0.00	27.33 -0.48 0.00	30.24 -0.60 0.00	25.46 -0.71 0.00	24.09 -0.80 0.00	27.56 -0.83 0.00	32.07 -0.90 0.00	22.09 -0.78 0.00	22.19 -0.72 0.00	30.68 -0.95 0.00	22.53 -0.75 0.00	20.66 -0.68 0.00	19.83 -0.66 0.00
PINELAWN_CC_1 323563	22.48 1.43 0.00	20.13 1.32 0.00	16.64 1.08 0.00	15.29 0.92 0.00	15.49 0.86 0.00	17.97 1.04 0.00	21.07 1.19 0.00	23.51 1.17 0.00	24.83 1.27 0.00	24.48 1.40 0.00	33.21 1.73 -9.63	33.03 1.88 -6.48	29.98 1.77 -0.39	33.53 2.17 -0.51	28.05 1.88 0.00	29.83 1.89 -3.05	35.31 2.15 -4.78	35.23 2.26 0.00	24.52 1.65 0.00	24.41 1.50 0.00	33.96 2.33 0.00	35.62 2.04 -10.30	42.23 1.88 -19.02	46.92 1.80 -24.62
PJM_GEN_HTP_PROXY 323702	22.21 1.15 0.00	19.88 1.07 0.00	16.37 0.81 0.00	15.05 0.68 0.00	15.30 0.67 0.00	17.76 0.83 0.00	20.91 1.03 0.00	23.47 1.14 0.00	24.90 1.33 0.00	24.39 1.44 0.14	23.34 1.48 0.00	26.42 1.75 0.00	29.79 1.97 0.00	33.10 2.25 0.00	28.19 2.02 0.00	26.89 1.94 -0.05	30.62 2.24 0.00	33.28 2.57 2.27	24.63 1.76 0.00	24.55 1.64 0.00	33.78 2.15 0.00	24.90 1.63 0.00	22.79 1.46 0.00	21.88 1.38 0.00
PJM_GEN_KEystone 24065	21.50 0.44 0.00	19.20 0.39 0.00	15.71 0.15 0.00	14.48 0.11 0.00	14.72 0.09 0.00	17.12 0.19 0.00	20.14 0.26 0.00	22.81 0.47 0.00	24.18 0.62 0.01	23.63 0.71 0.15	22.51 0.66 0.00	24.79 0.78 0.67	27.63 0.78 0.97	30.46 0.84 1.23	26.34 0.82 0.65	25.19 0.78 0.49	28.54 0.88 0.73	28.54 0.92 5.35	23.15 0.62 0.35	23.03 0.51 0.39	30.10 0.74 2.27	23.33 0.52 0.46	21.29 0.46 0.50	20.85 0.52 0.16
PJM_GEN_NEPTUNE_PROXY 323594	16.88 1.22 5.40	17.22 1.15 2.74	16.49 0.93 0.00	15.15 0.78 0.00	15.36 0.73 0.00	17.81 0.88 0.00	20.88 1.00 0.00	18.96 0.98 4.36	19.59 1.08 5.06	13.51 1.24 10.81	17.69 1.52 5.68	29.20 1.78 -2.76	25.65 1.82 3.99	27.65 2.15 5.35	27.77 1.88 0.29	24.69 1.93 2.13	21.55 2.27 9.09	32.12 2.41 3.26	24.58 1.71 0.00	24.37 1.46 0.00	33.62 1.99 0.00	29.46 1.75 -4.43	31.11 1.61 -8.17	32.61 1.55 -10.57
PJM_GEN_VFT_PROXY 323633	22.15 1.09 0.00	19.83 1.02 0.00	16.33 0.76 0.00	15.00 0.63 0.00	15.22 0.59 0.00	17.67 0.74 0.00	20.82 0.95 0.00	23.40 1.06 0.00	24.81 1.24 0.00	24.30 1.35 0.14	23.26 1.40 0.00	26.34 1.67 0.00	29.72 1.90 0.00	33.01 2.16 0.00	28.11 1.94 0.00	26.80 1.86 -0.05	30.53 2.15 0.00	33.18 2.47 2.27	24.55 1.68 0.00	24.47 1.56 0.00	33.67 2.04 0.00	24.83 1.55 0.00	22.72 1.38 0.00	21.82 1.32 0.00
PLATSBURG_115KV_PMLD1 355749	21.83 0.77 0.00	19.54 0.73 0.00	16.23 0.67 0.00	15.01 0.64 0.00	15.27 0.64 0.00	17.62 0.69 0.00	20.70 0.82 0.00	23.10 0.76 0.00	24.18 0.61 0.00	23.56 0.48 0.00	22.19 0.33 0.00	25.13 0.46 0.00	28.26 0.45 0.00	31.53 0.69 0.00	26.48 0.31 0.00	24.61 -0.28 0.00	29.05 0.66 0.00	34.07 1.10 0.00	23.59 0.73 0.00	23.58 0.67 0.00	32.28 0.65 0.00	23.60 0.32 0.00	21.60 0.27 0.00	20.53 0.03 0.00
PLEASANTVLY__LBMP 24000	22.04 0.99 0.00	19.72 0.92 0.00	16.25 0.68 0.00	14.96 0.58 0.00	15.20 0.57 0.00	17.62 0.70 0.00	20.72 0.84 0.00	23.24 0.90 0.00	24.58 1.01 0.00	24.16 1.08 0.00	22.97 1.12 0.00	25.99 1.32 0.00	29.27 1.46 0.00	32.58 1.73 0.00	27.71 1.54 0.00	26.34 1.45 0.00	30.09 1.71 0.00	34.96 1.99 0.00	24.28 1.41 0.00	24.26 1.35 0.00	33.39 1.76 0.00	24.61 1.34 0.00	22.55 1.22 0.00	21.63 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.18 1.12 0.00	19.84 1.03 0.00	16.34 0.77 0.00	15.03 0.66 0.00	15.27 0.65 0.00	17.72 0.79 0.00	20.85 0.97 0.00	23.41 1.07 0.00	24.78 1.21 0.00	24.40 1.31 0.00	23.22 1.37 0.00	26.30 1.63 0.00	29.63 1.82 0.00	32.95 2.11 0.00	28.04 1.87 0.00	26.66 1.77 0.00	30.45 2.07 0.00	35.36 2.39 0.00	24.54 1.67 0.00	24.48 1.57 0.00	33.68 2.05 0.00	24.84 1.56 0.00	22.74 1.40 0.00	21.81 1.31 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.18 1.12 0.00	19.84 1.03 0.00	16.34 0.77 0.00	15.03 0.66 0.00	15.27 0.65 0.00	17.72 0.79 0.00	20.85 0.97 0.00	23.41 1.07 0.00	24.78 1.21 0.00	24.40 1.31 0.00	23.22 1.37 0.00	26.30 1.63 0.00	29.63 1.82 0.00	32.95 2.11 0.00	28.04 1.87 0.00	26.66 1.77 0.00	30.45 2.07 0.00	35.36 2.39 0.00	24.54 1.67 0.00	24.48 1.57 0.00	33.68 2.05 0.00	24.84 1.56 0.00	22.74 1.40 0.00	21.81 1.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.19 1.13 0.00	19.84 1.04 0.00	16.34 0.77 0.00	15.04 0.67 0.00	15.29 0.66 0.00	17.73 0.80 0.00	20.86 0.98 0.00	23.42 1.09 0.00	24.77 1.20 0.00	24.34 1.26 0.00	23.13 1.28 0.00	26.17 1.50 0.00	29.49 1.68 0.00	32.82 1.97 0.00	27.93 1.76 0.00	26.58 1.69 0.00	30.38 2.00 0.00	35.31 2.34 0.00	24.54 1.67 0.00	24.51 1.60 0.00	33.74 2.11 0.00	24.86 1.58 0.00	22.75 1.42 0.00	21.81 1.32 0.00
POLETTI____ 23519	22.19 1.13 0.00	19.88 1.07 0.00	16.37 0.81 0.00	15.05 0.67 0.00	15.29 0.66 0.00	17.75 0.82 0.00	20.90 1.02 0.00	23.45 1.11 0.00	24.87 1.30 0.00	24.49 1.41 0.00	23.31 1.45 0.00	26.38 1.72 0.00	29.74 1.92 0.00	33.06 2.22 0.00	28.17 2.00 0.00	26.81 1.92 0.00	30.59 2.21 0.00	35.52 2.55 0.00	24.61 1.74 0.00	24.53 1.62 0.00	33.75 2.11 0.00	24.88 1.61 0.00	22.78 1.45 0.00	21.87 1.37 0.00
PORT_JEFF_3 23555	19.04 1.27 3.28	18.36 1.21 1.66	16.55 0.99 0.00	15.23 0.86 0.00	15.41 0.78 0.00	17.87 0.94 0.00	20.85 0.97 0.00	20.53 0.85 2.65	21.44 0.95 3.08	17.70 1.11 6.49	27.00 1.45 -3.69	32.86 1.71 -6.48	27.34 1.66 2.13	30.12 2.14 2.87	27.82 1.83 0.17	27.73 1.91 -0.94	28.69 2.29 1.98	34.63 2.26 0.60	24.59 1.72 0.00	24.29 1.38 0.00	33.48 1.84 0.00	35.35 1.77 -10.30	42.02 1.67 -19.02	46.73 1.61 -24.62
PORT_JEFF_4 23616	19.04 1.27 3.28	18.36 1.21 1.66	16.55 0.99 0.00	15.23 0.86 0.00	15.41 0.78 0.00	17.87 0.94 0.00	20.85 0.97 0.00	20.53 0.85 2.65	21.44 0.95 3.08	17.70 1.11 6.49	27.00 1.45 -3.69	32.86 1.71 -6.48	27.34 1.66 2.13	30.12 2.14 2.87	27.82 1.83 0.17	27.73 1.91 -0.94	28.69 2.29 1.98	34.63 2.26 0.60	24.59 1.72 0.00	24.29 1.38 0.00	33.48 1.84 0.00	35.35 1.77 -10.30	42.02 1.67 -19.02	46.73 1.61 -24.62
PORT_JEFF_IC 23713	19.17 1.30 3.19	18.42 1.23 1.62	16.57 1.01 0.00	15.25 0.87 0.00	15.42 0.79 0.00	17.88 0.95 0.00	20.89 1.01 0.00	20.66 0.90 2.58	21.58 1.00 2.99	17.94 1.16 6.30	27.22 1.50 -3.86	32.93 1.78 -6.48	27.48 1.73 2.06	30.31 2.24 2.77	27.91 1.91 0.17	27.87 1.98 -1.00	28.97 2.38 1.79	34.63 2.24 0.58	24.63 1.75 0.00	24.29 1.38 0.00	33.46 1.83 0.00	35.37 1.79 -10.30	42.04 1.69 -19.02	46.78 1.66 -24.62
PPL PILGRIM_ST_GT1 24216	19.76 1.47 2.76	18.77 1.36 1.40	16.68 1.11 0.00	15.33 0.96 0.00	15.52 0.90 0.00	18.00 1.08 0.00	21.10 1.22 0.00	21.28 1.17 2.23	22.27 1.29 2.59	19.06 1.44 5.46	28.27 1.78 -4.64	33.24 2.09 -6.48	28.19 2.12 1.73	31.08 2.56 2.33	28.25 2.23 0.15	28.41 2.25 -1.27	30.11 2.65 0.91	35.11 2.65 0.51	24.80 1.93 0.00	24.56 1.65 0.00	33.93 2.29 0.00	35.66 2.08 -10.30	42.26 1.91 -19.02	46.95 1.82 -24.62
PPL PILGRIM_ST_GT2 24217	19.76 1.47 2.76	18.77 1.36 1.40	16.68 1.11 0.00	15.33 0.96 0.00	15.52 0.90 0.00	18.00 1.08 0.00	21.10 1.22 0.00	21.28 1.17 2.23	22.27 1.29 2.59	19.06 1.44 5.46	28.27 1.78 -4.64	33.24 2.09 -6.48	28.19 2.12 1.73	31.08 2.56 2.33	28.25 2.23 0.15	28.41 2.25 -1.27	30.11 2.65 0.91	35.11 2.65 0.51	24.80 1.93 0.00	24.56 1.65 0.00	33.93 2.29 0.00	35.66 2.08 -10.30	42.26 1.91 -19.02	46.95 1.82 -24.62
PPL_SHRM_GT3 24213	18.83 1.00 3.23	18.15 0.98 1.64	16.36 0.79 0.00	15.09 0.71 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.66 0.78 0.00	20.37 0.64 2.61	21.25 0.71 3.03	17.57 0.88 6.40	26.85 1.22 -3.78	32.60 1.45 -6.48	27.13 1.42 2.10	29.92 1.89 2.82	27.51 1.52 0.17	27.53 1.67 -0.97	28.59 2.09 1.89	34.55 2.17 0.59	24.51 1.64 0.00	24.25 1.34 0.00	33.41 1.79 0.00	35.23 1.65 -10.30	41.88 1.53 -19.02	46.54 1.42 -24.62
PPL_SHRM_GT4 24214	18.83 1.00 3.23	18.15 0.98 1.64	16.36 0.79 0.00	15.09 0.71 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.66 0.78 0.00	20.37 0.64 2.61	21.25 0.71 3.03	17.57 0.88 6.40	26.85 1.22 -3.78	32.60 1.45 -6.48	27.13 1.42 2.10	29.92 1.89 2.82	27.51 1.52 0.17	27.53 1.67 -0.97	28.59 2.09 1.89	34.55 2.17 0.59	24.51 1.64 0.00	24.25 1.34 0.00	33.41 1.79 0.00	35.23 1.65 -10.30	41.88 1.53 -19.02	46.54 1.42 -24.62
PROJECT____ORANGE 1 24174	20.77 -0.28 0.00	18.53 -0.28 0.00	15.27 -0.30 0.00	14.10 -0.27 0.00	14.36 -0.27 0.00	16.66 -0.27 0.00	19.56 -0.32 0.00	22.07 -0.27 0.00	23.39 -0.18 0.00	22.90 -0.17 0.01	21.65 -0.21 0.00	24.09 -0.21 0.37	27.08 -0.20 0.54	29.91 -0.25 0.67	25.66 -0.16 0.35	24.45 -0.15 0.29	27.81 -0.17 0.41	31.03 -0.21 1.73	22.60 -0.09 0.18	22.61 -0.09 0.21	30.37 -0.05 1.22	22.97 -0.06 0.25	20.97 -0.09 0.27	20.28 -0.12 0.10
PROJECT____ORANGE 2 24166	20.77 -0.28 0.00	18.53 -0.28 0.00	15.27 -0.30 0.00	14.10 -0.27 0.00	14.36 -0.27 0.00	16.66 -0.27 0.00	19.56 -0.32 0.00	22.07 -0.27 0.00	23.39 -0.18 0.00	22.90 -0.17 0.01	21.65 -0.21 0.00	24.09 -0.21 0.37	27.08 -0.20 0.54	29.91 -0.25 0.67	25.66 -0.16 0.35	24.45 -0.15 0.29	27.81 -0.17 0.41	31.03 -0.21 1.73	22.60 -0.09 0.18	22.61 -0.09 0.21	30.37 -0.05 1.22	22.97 -0.06 0.25	20.97 -0.09 0.27	20.28 -0.12 0.10
PUCKETT____SOLAR 323809	21.51 0.45 0.00	19.19 0.38 0.00	15.76 0.20 0.00	14.57 0.20 0.00	14.82 0.19 0.00	17.27 0.34 0.00	20.36 0.48 0.00	23.04 0.71 0.00	24.33 0.77 0.00	23.76 0.68 0.01	22.31 0.46 0.00	24.77 0.52 0.42	27.79 0.58 0.61	30.75 0.68 0.77	26.40 0.64 0.41	25.13 0.58 0.33	28.67 0.75 0.46	31.86 0.82 1.94	23.35 0.70 0.22	23.40 0.74 0.25	31.31 1.11 1.43	23.74 0.76 0.29	21.66 0.64 0.31	20.98 0.59 0.10
PYRITES____HYD 24023	21.45 0.39 0.00	19.14 0.33 0.00	15.96 0.40 0.00	14.77 0.40 0.00	15.06 0.43 0.00	17.43 0.50 0.00	20.56 0.68 0.00	23.03 0.70 0.00	24.14 0.57 0.00	23.33 0.25 0.00	21.90 0.04 0.00	24.65 -0.02 0.00	27.88 0.06 0.00	30.81 -0.04 0.00	25.96 -0.21 0.00	24.59 -0.30 0.00	28.12 -0.26 0.00	32.72 -0.25 0.00	22.53 -0.34 0.00	22.61 -0.30 0.00	31.30 -0.33 0.00	22.99 -0.28 0.00	21.06 -0.28 0.00	20.20 -0.30 0.00
QUAKERRD_115KV_BK1 80622	20.47 -0.59 0.00	18.20 -0.61 0.00	14.90 -0.66 0.00	13.76 -0.62 0.00	14.03 -0.60 0.00	16.30 -0.62 0.00	19.14 -0.74 0.00	21.71 -0.62 0.00	22.91 -0.64 0.02	22.46 -0.58 0.04	21.22 -0.63 0.00	22.12 -0.66 1.89	24.27 -0.80 2.74	26.32 -1.05 3.47	23.55 -0.78 1.84	22.70 -0.67 1.51	25.49 -0.84 2.06	23.20 -1.05 8.72	21.22 -0.68 0.98	21.04 -0.76 1.11	24.22 -0.97 6.44	21.25 -0.71 1.32	19.26 -0.66 1.41	19.49 -0.54 0.46

QUENSBRY_115KV_TB8 356137	22.73 1.67 0.00	20.34 1.53 0.00	16.75 1.18 0.00	15.46 1.09 0.00	15.75 1.12 0.00	18.26 1.33 0.00	21.53 1.65 0.00	24.12 1.78 0.00	25.46 1.89 0.00	24.92 1.84 0.00	23.64 1.78 0.00	26.68 2.02 0.00	30.07 2.26 0.00	33.57 2.72 0.00	28.26 2.09 0.00	26.74 1.86 0.00	30.94 2.56 0.00	36.06 3.09 0.00	25.06 2.19 0.00	25.26 2.35 0.00	34.73 3.10 0.00	25.64 2.36 0.00	23.48 2.15 0.00	22.47 1.98 0.00
RAMAPO____LBMP 323565	22.02 0.96 0.00	19.70 0.89 0.00	16.21 0.65 0.00	14.90 0.53 0.00	15.14 0.52 0.00	17.57 0.65 0.00	20.68 0.80 0.00	23.23 0.89 0.00	24.62 1.05 0.00	24.21 1.13 0.00	23.04 1.19 0.00	26.07 1.40 0.00	29.39 1.57 0.00	32.70 1.86 0.00	27.82 1.65 0.00	26.47 1.59 0.00	30.23 1.85 0.00	35.12 2.15 0.00	24.35 1.48 0.00	24.28 1.37 0.00	33.43 1.80 0.00	24.63 1.35 0.00	22.52 1.19 0.00	21.63 1.14 0.00
RANKINE____ 23646	21.14 0.08 0.00	18.74 -0.07 0.00	15.20 -0.37 0.00	14.05 -0.32 0.00	14.34 -0.29 0.00	16.71 -0.22 0.00	19.55 -0.32 0.00	22.35 0.02 0.00	23.65 0.10 0.02	23.26 0.22 0.04	21.90 0.04 0.00	23.23 0.14 1.58	25.44 -0.10 2.28	27.56 -0.40 2.88	24.45 -0.19 1.53	23.56 -0.07 1.26	26.43 -0.24 1.71	25.16 -0.57 7.24	21.74 -0.31 0.81	21.52 -0.47 0.92	25.83 -0.45 5.35	21.87 -0.31 1.10	19.90 -0.25 1.18	20.15 0.03 0.38
RAVENSWOOD_GT2_1 24244	22.23 1.17 0.00	19.90 1.09 0.00	16.39 0.82 0.00	15.07 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.81 2.19 0.00	24.94 1.67 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT2_2 24245	22.23 1.17 0.00	19.90 1.09 0.00	16.39 0.82 0.00	15.07 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.81 2.19 0.00	24.94 1.67 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT2_3 24246	22.23 1.18 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.92 1.05 0.00	23.50 1.16 0.00	24.92 1.35 0.00	24.54 1.46 0.00	23.36 1.51 0.00	26.44 1.77 0.00	29.81 2.00 0.00	33.14 2.30 0.00	28.22 2.06 0.00	26.87 1.98 0.00	30.66 2.28 0.00	35.61 2.64 0.00	24.67 1.80 0.00	24.59 1.68 0.00	33.84 2.21 0.00	24.95 1.68 0.00	22.84 1.50 0.00	21.92 1.42 0.00
RAVENSWOOD_GT2_4 24247	22.23 1.18 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.92 1.05 0.00	23.50 1.16 0.00	24.92 1.35 0.00	24.54 1.46 0.00	23.36 1.51 0.00	26.44 1.77 0.00	29.81 2.00 0.00	33.14 2.30 0.00	28.22 2.06 0.00	26.87 1.98 0.00	30.66 2.28 0.00	35.61 2.64 0.00	24.67 1.80 0.00	24.59 1.68 0.00	33.84 2.21 0.00	24.95 1.68 0.00	22.84 1.50 0.00	21.92 1.42 0.00
RAVENSWOOD_GT3_1 24248	22.22 1.17 0.00	19.90 1.09 0.00	16.39 0.82 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.27 0.00	28.20 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.81 2.19 0.00	24.94 1.67 0.00	22.82 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT3_2 24249	22.22 1.17 0.00	19.90 1.09 0.00	16.39 0.82 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.27 0.00	28.20 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.81 2.19 0.00	24.94 1.67 0.00	22.82 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT3_3 24250	22.26 1.20 0.00	19.93 1.12 0.00	16.41 0.85 0.00	15.09 0.72 0.00	15.33 0.70 0.00	17.79 0.86 0.00	20.95 1.07 0.00	23.52 1.19 0.00	24.95 1.38 0.00	24.57 1.49 0.00	23.39 1.54 0.00	26.48 1.81 0.00	29.85 2.04 0.00	33.19 2.34 0.00	28.27 2.10 0.00	26.90 2.02 0.00	30.71 2.33 0.00	35.65 2.68 0.00	24.71 1.83 0.00	24.63 1.72 0.00	33.88 2.25 0.00	24.99 1.71 0.00	22.87 1.53 0.00	21.94 1.45 0.00
RAVENSWOOD_GT3_4 24251	22.26 1.20 0.00	19.93 1.12 0.00	16.41 0.85 0.00	15.09 0.71 0.00	15.33 0.70 0.00	17.79 0.86 0.00	20.95 1.07 0.00	23.52 1.19 0.00	24.95 1.38 0.00	24.58 1.50 0.00	23.39 1.54 0.00	26.48 1.81 0.00	29.85 2.03 0.00	33.18 2.34 0.00	28.26 2.09 0.00	26.90 2.01 0.00	30.70 2.32 0.00	35.65 2.68 0.00	24.70 1.83 0.00	24.62 1.71 0.00	33.88 2.25 0.00	24.99 1.71 0.00	22.86 1.53 0.00	21.94 1.45 0.00
RAVENSWOOD_GT_1 23729	22.26 1.21 0.00	19.94 1.14 0.00	16.42 0.86 0.00	15.09 0.72 0.00	15.34 0.71 0.00	17.81 0.88 0.00	20.94 1.07 0.00	23.53 1.20 0.00	24.96 1.39 0.00	24.59 1.51 0.00	23.42 1.56 0.00	26.51 1.85 0.00	29.89 2.08 0.00	33.24 2.39 0.00	28.30 2.14 0.00	26.94 2.05 0.00	30.75 2.37 0.00	35.72 2.75 0.00	24.74 1.87 0.00	24.65 1.74 0.00	33.91 2.28 0.00	25.02 1.75 0.00	22.89 1.56 0.00	21.97 1.47 0.00
RAVENSWOOD_GT_10 24258	22.22 1.17 0.00	19.90 1.09 0.00	16.39 0.83 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.66 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT_11 24259	22.22 1.17 0.00	19.90 1.09 0.00	16.39 0.82 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.11 2.27 0.00	28.20 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.78 0.00	24.58 1.67 0.00	33.81 2.19 0.00	24.94 1.67 0.00	22.82 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT_4 24252	22.23 1.17 0.00	19.90 1.09 0.00	16.39 0.83 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.05 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.34 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.78 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.66 0.00	22.83 1.49 0.00	21.91 1.41 0.00



RAVENSWOOD_GT_5 24254	22.23 1.17 0.00	19.90 1.09 0.00	16.39 0.83 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.05 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.34 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.78 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.66 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT_6 24253	22.23 1.17 0.00	19.90 1.09 0.00	16.39 0.83 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.05 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.34 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.78 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.66 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT_7 24255	22.23 1.17 0.00	19.90 1.09 0.00	16.39 0.83 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.05 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.34 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.78 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.66 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.22 1.17 0.00	19.90 1.09 0.00	16.39 0.83 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.80 1.98 0.00	33.12 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.66 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD_GT_9 24257	22.22 1.17 0.00	19.90 1.09 0.00	16.39 0.82 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.11 2.27 0.00	28.20 2.04 0.00	26.85 1.96 0.00	30.64 2.26 0.00	35.58 2.61 0.00	24.66 1.78 0.00	24.58 1.67 0.00	33.81 2.19 0.00	24.94 1.67 0.00	22.82 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD___1 23533	22.22 1.17 0.00	19.91 1.10 0.00	16.40 0.83 0.00	15.07 0.70 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.92 1.34 0.00	24.54 1.46 0.00	23.38 1.53 0.00	26.47 1.80 0.00	29.83 2.02 0.00	33.18 2.33 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.68 2.30 0.00	35.64 2.67 0.00	24.70 1.82 0.00	24.60 1.69 0.00	33.86 2.23 0.00	24.97 1.70 0.00	22.85 1.52 0.00	21.93 1.43 0.00
RAVENSWOOD___2 23534	22.22 1.17 0.00	19.91 1.10 0.00	16.40 0.83 0.00	15.07 0.70 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.92 1.34 0.00	24.54 1.46 0.00	23.38 1.53 0.00	26.47 1.80 0.00	29.83 2.02 0.00	33.18 2.33 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.68 2.30 0.00	35.64 2.67 0.00	24.70 1.82 0.00	24.60 1.69 0.00	33.86 2.23 0.00	24.97 1.70 0.00	22.85 1.52 0.00	21.93 1.43 0.00
RAVENSWOOD___3 23535	22.23 1.17 0.00	19.90 1.10 0.00	16.39 0.82 0.00	15.07 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.92 1.04 0.00	23.49 1.15 0.00	24.91 1.34 0.00	24.53 1.45 0.00	23.35 1.49 0.00	26.43 1.76 0.00	29.79 1.98 0.00	33.13 2.28 0.00	28.21 2.04 0.00	26.85 1.96 0.00	30.65 2.27 0.00	35.58 2.61 0.00	24.66 1.79 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.67 0.00	22.83 1.49 0.00	21.91 1.41 0.00
RAVENSWOOD___4 23820	22.22 1.17 0.00	19.91 1.10 0.00	16.40 0.83 0.00	15.07 0.70 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.92 1.34 0.00	24.54 1.46 0.00	23.38 1.53 0.00	26.47 1.80 0.00	29.83 2.02 0.00	33.18 2.33 0.00	28.25 2.08 0.00	26.89 2.00 0.00	30.68 2.30 0.00	35.64 2.67 0.00	24.70 1.82 0.00	24.60 1.69 0.00	33.86 2.23 0.00	24.97 1.70 0.00	22.85 1.52 0.00	21.93 1.43 0.00
RCPL_TRUST___DRP 24196	22.23 1.18 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.07 0.70 0.00	15.33 0.70 0.00	17.79 0.87 0.00	20.95 1.07 0.00	23.53 1.19 0.00	24.95 1.38 0.00	24.57 1.48 0.00	23.38 1.53 0.00	26.48 1.81 0.00	29.85 2.04 0.00	33.17 2.32 0.00	28.26 2.09 0.00	26.90 2.01 0.00	30.69 2.31 0.00	35.63 2.66 0.00	24.68 1.81 0.00	24.60 1.69 0.00	33.84 2.20 0.00	24.94 1.67 0.00	22.82 1.49 0.00	21.90 1.40 0.00
RED___ROCHESTER 323720	21.17 0.11 0.00	18.80 -0.01 0.00	15.35 -0.21 0.00	14.17 -0.20 0.00	14.46 -0.17 0.00	16.82 -0.11 0.00	19.73 -0.14 0.00	22.43 0.09 0.00	23.68 0.12 0.02	23.24 0.20 0.04	21.96 0.11 0.00	22.98 0.20 1.89	25.18 0.10 2.73	27.34 -0.04 3.46	24.45 0.11 1.83	23.57 0.18 1.51	26.45 0.12 2.05	24.30 0.02 8.69	21.97 0.07 0.97	21.76 -0.04 1.11	25.25 0.04 6.42	22.00 0.04 1.31	19.95 0.03 1.41	20.18 0.14 0.46
REGAN___SOLAR 323812	23.01 1.95 0.00	20.52 1.71 0.00	16.90 1.34 0.00	15.60 1.23 0.00	15.92 1.29 0.00	18.50 1.57 0.00	21.83 1.96 0.00	24.57 2.23 0.00	25.74 2.17 0.00	24.95 1.87 0.00	23.33 1.47 0.00	26.11 1.44 0.00	29.79 1.98 0.00	32.55 1.71 0.00	27.51 1.34 0.00	26.31 1.42 0.00	30.06 1.68 0.00	35.18 2.21 0.00	24.70 1.82 0.00	25.11 2.20 0.00	34.94 3.31 0.00	25.71 2.44 0.00	23.41 2.08 0.00	22.43 1.94 0.00
RENSSELAER___COGEN 23796	21.50 0.45 0.00	19.24 0.43 0.00	15.88 0.32 0.00	14.68 0.31 0.00	14.94 0.31 0.00	17.23 0.30 0.00	20.20 0.33 0.00	22.60 0.26 0.00	23.85 0.28 0.00	23.38 0.30 0.00	22.22 0.37 0.00	25.08 0.41 0.00	28.23 0.42 0.00	31.42 0.57 0.00	26.64 0.48 0.00	25.24 0.34 0.00	28.90 0.52 0.00	33.62 0.64 0.00	23.39 0.52 0.00	23.50 0.59 0.00	32.41 0.78 0.00	23.88 0.60 0.00	21.93 0.60 0.00	21.00 0.50 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.26 2.20 0.00	20.88 2.08 0.00	17.20 1.63 0.00	15.89 1.52 0.00	16.19 1.56 0.00	18.90 1.97 0.00	22.37 2.50 0.00	25.04 2.70 0.00	26.43 2.85 0.00	25.83 2.75 0.00	24.52 2.66 0.00	27.64 2.97 0.00	31.40 3.58 0.00	35.17 4.32 0.00	29.58 3.41 0.00	27.93 3.04 0.00	32.82 4.44 0.00	37.81 4.83 0.00	26.33 3.46 0.00	26.48 3.56 0.00	36.43 4.80 0.00	26.78 3.50 0.00	24.53 3.20 0.00	23.49 3.00 0.00
REVERE_CPPR_DRP 24186	21.68 0.62 0.00	19.35 0.54 0.00	15.97 0.40 0.00	14.76 0.39 0.00	15.03 0.40 0.00	17.45 0.52 0.00	20.54 0.67 0.00	23.14 0.81 0.00	24.49 0.92 0.00	23.89 0.81 0.00	22.55 0.69 0.00	25.36 0.69 0.00	28.65 0.84 0.00	31.50 0.65 0.00	26.67 0.50 0.00	25.33 0.44 0.00	28.90 0.54 0.01	33.64 0.73 0.07	23.51 0.64 0.00	23.70 0.79 0.00	32.79 1.16 0.00	24.11 0.83 0.00	22.00 0.66 0.00	21.06 0.57 0.01

REYNOLDS_115KV_TB3 80639	21.71 0.66 0.00	19.42 0.61 0.00	16.03 0.47 0.00	14.80 0.43 0.00	15.06 0.43 0.00	17.39 0.46 0.00	20.38 0.50 0.00	22.76 0.42 0.00	24.02 0.45 0.00	23.54 0.46 0.00	22.40 0.54 0.00	25.26 0.59 0.00	28.42 0.61 0.00	31.64 0.80 0.00	26.82 0.65 0.00	25.37 0.48 0.00	29.07 0.69 0.00	33.82 0.85 0.00	23.54 0.66 0.00	23.68 0.77 0.00	32.64 1.01 0.00	24.05 0.77 0.00	22.11 0.77 0.00	21.18 0.69 0.00
RIVERBAY____ 323610	22.14 1.08 0.00	19.84 1.03 0.00	16.33 0.77 0.00	14.99 0.62 0.00	15.23 0.60 0.00	17.69 0.76 0.00	20.79 0.91 0.00	23.37 1.03 0.00	24.75 1.18 0.00	24.36 1.28 0.00	23.27 1.42 0.00	26.29 1.62 0.00	29.73 1.92 0.00	33.01 2.16 0.00	28.09 1.93 0.00	26.72 1.83 0.00	30.48 2.10 0.00	35.41 2.44 0.00	24.54 1.67 0.00	24.47 1.56 0.00	33.71 2.08 0.00	24.89 1.61 0.00	22.79 1.46 0.00	21.88 1.38 0.00
RIVERSDE_115KV_TB3 55908	21.59 0.53 0.00	19.31 0.50 0.00	15.94 0.37 0.00	14.74 0.36 0.00	14.99 0.36 0.00	17.29 0.37 0.00	20.28 0.41 0.00	22.68 0.34 0.00	23.94 0.37 0.00	23.47 0.39 0.00	22.33 0.47 0.00	25.20 0.53 0.00	28.36 0.54 0.00	31.57 0.72 0.00	26.76 0.59 0.00	25.35 0.46 0.00	29.04 0.66 0.00	33.78 0.80 0.00	23.49 0.62 0.00	23.62 0.70 0.00	32.55 0.92 0.00	23.97 0.69 0.00	22.01 0.68 0.00	21.09 0.59 0.00
ROARING____BROOK_WT_PWR 323790	20.82 -0.24 0.00	18.58 -0.23 0.00	15.47 -0.09 0.00	14.31 -0.06 0.00	14.59 -0.04 0.00	16.87 -0.06 0.00	19.83 -0.04 0.00	22.23 -0.11 0.00	23.41 -0.16 0.00	22.83 -0.25 0.00	21.52 -0.34 0.00	24.32 -0.35 0.00	27.43 -0.38 0.00	30.34 -0.50 0.00	25.62 -0.54 0.00	24.29 -0.60 0.00	27.63 -0.75 0.00	31.97 -1.00 0.00	22.12 -0.75 0.00	22.12 -0.79 0.00	30.53 -1.10 0.00	22.35 -0.92 0.00	20.47 -0.86 0.00	19.70 -0.80 0.00
ROCHESRG_115KV_T4 355643	20.96 -0.10 0.00	18.62 -0.18 0.00	15.21 -0.35 0.00	14.05 -0.33 0.00	14.33 -0.30 0.00	16.66 -0.27 0.00	19.54 -0.33 0.00	22.19 -0.15 0.00	23.42 -0.13 0.02	22.98 -0.06 0.05	21.71 -0.14 0.00	22.65 -0.10 1.92	24.79 -0.24 2.78	26.89 -0.44 3.52	24.06 -0.24 1.87	23.21 -0.14 1.54	26.04 -0.26 2.09	23.71 -0.42 8.84	21.65 -0.24 0.99	21.44 -0.35 1.13	24.73 -0.37 6.53	21.69 -0.25 1.34	19.67 -0.23 1.43	19.95 -0.08 0.47
ROCHESTER_9_IC 23652	21.08 0.02 0.00	18.72 -0.09 0.00	15.29 -0.28 0.00	14.11 -0.26 0.00	14.40 -0.23 0.00	16.75 -0.18 0.00	19.65 -0.23 0.00	22.32 -0.01 0.00	23.56 0.01 0.02	23.12 0.08 0.04	21.84 -0.01 0.00	22.84 0.05 1.89	25.01 -0.07 2.73	27.15 -0.23 3.46	24.27 -0.06 1.83	23.41 0.03 1.51	26.26 -0.06 2.05	24.09 -0.19 8.70	21.82 -0.08 0.97	21.61 -0.19 1.11	25.05 -0.16 6.42	21.86 -0.10 1.31	19.83 -0.09 1.41	20.08 0.04 0.46
ROCKVIEW_13_KV_LD 356306	22.23 1.18 0.00	19.89 1.09 0.00	16.38 0.82 0.00	15.06 0.69 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.03 0.00	23.48 1.14 0.00	24.87 1.30 0.00	24.49 1.41 0.00	23.32 1.46 0.00	26.40 1.73 0.00	29.75 1.94 0.00	33.08 2.23 0.00	28.17 2.00 0.00	26.81 1.92 0.00	30.61 2.23 0.00	35.55 2.58 0.00	24.65 1.78 0.00	24.58 1.67 0.00	33.82 2.19 0.00	24.94 1.66 0.00	22.82 1.49 0.00	21.89 1.40 0.00
ROME____115KV_TB2 80656	21.68 0.62 0.00	19.35 0.54 0.00	15.97 0.40 0.00	14.76 0.39 0.00	15.03 0.40 0.00	17.45 0.52 0.00	20.54 0.67 0.00	23.14 0.81 0.00	24.49 0.92 0.00	23.89 0.81 0.00	22.55 0.69 0.00	25.36 0.69 0.00	28.65 0.84 0.00	31.50 0.65 0.00	26.67 0.50 0.00	25.33 0.44 0.00	28.90 0.54 0.01	33.64 0.73 0.07	23.51 0.64 0.00	23.70 0.79 0.00	32.79 1.16 0.00	24.11 0.83 0.00	22.00 0.66 0.00	21.06 0.57 0.01
ROSETON____1 23587	22.00 0.95 0.00	19.69 0.88 0.00	16.21 0.65 0.00	14.92 0.55 0.00	15.16 0.53 0.00	17.58 0.66 0.00	20.68 0.80 0.00	23.20 0.86 0.00	24.55 0.98 0.00	24.13 1.05 0.00	22.95 1.09 0.00	25.96 1.29 0.00	29.24 1.43 0.00	32.53 1.68 0.00	27.67 1.49 0.00	26.31 1.42 0.00	30.05 1.67 0.00	34.91 1.94 0.00	24.23 1.36 0.00	24.21 1.29 0.00	33.33 1.70 0.00	24.56 1.29 0.00	22.49 1.16 0.00	21.59 1.10 0.00
ROSETON____2 23588	22.00 0.95 0.00	19.69 0.88 0.00	16.21 0.65 0.00	14.92 0.55 0.00	15.16 0.53 0.00	17.58 0.66 0.00	20.68 0.80 0.00	23.20 0.86 0.00	24.55 0.98 0.00	24.13 1.05 0.00	22.95 1.09 0.00	25.96 1.29 0.00	29.24 1.43 0.00	32.53 1.68 0.00	27.67 1.49 0.00	26.31 1.42 0.00	30.05 1.67 0.00	34.91 1.94 0.00	24.23 1.36 0.00	24.21 1.29 0.00	33.33 1.70 0.00	24.56 1.29 0.00	22.49 1.16 0.00	21.59 1.10 0.00
ROTTSDAM_115KV_TB3 80664	21.91 0.85 0.00	19.59 0.78 0.00	16.15 0.59 0.00	14.90 0.53 0.00	15.16 0.53 0.00	17.55 0.63 0.00	20.65 0.77 0.00	23.14 0.80 0.00	24.40 0.83 0.00	23.91 0.83 0.00	22.72 0.86 0.00	25.64 0.97 0.00	28.87 1.06 0.00	32.07 1.22 0.00	27.19 1.02 0.00	25.79 0.89 0.00	29.52 1.14 0.00	34.33 1.36 0.00	23.88 1.00 0.00	23.98 1.07 0.00	33.07 1.44 0.00	24.37 1.09 0.00	22.33 1.00 0.00	21.42 0.92 0.00
RUSSELL____1 23602	21.17 0.11 0.00	18.80 -0.01 0.00	15.35 -0.21 0.00	14.17 -0.20 0.00	14.46 -0.17 0.00	16.82 -0.11 0.00	19.73 -0.14 0.00	22.43 0.09 0.00	23.68 0.12 0.02	23.23 0.20 0.04	21.96 0.10 0.00	22.97 0.19 1.89	25.16 0.08 2.73	27.32 -0.06 3.46	24.42 0.09 1.83	23.55 0.17 1.51	26.44 0.10 2.05	24.29 0.01 8.69	21.96 0.06 0.97	21.75 -0.06 1.11	25.24 0.03 6.42	22.00 0.04 1.31	19.95 0.02 1.41	20.18 0.15 0.46
RUSSELL____2 23532	21.17 0.11 0.00	18.80 -0.01 0.00	15.35 -0.21 0.00	14.17 -0.20 0.00	14.46 -0.17 0.00	16.82 -0.11 0.00	19.73 -0.14 0.00	22.43 0.09 0.00	23.68 0.12 0.02	23.23 0.20 0.04	21.96 0.10 0.00	22.97 0.19 1.89	25.16 0.08 2.73	27.32 -0.06 3.46	24.42 0.09 1.83	23.55 0.17 1.51	26.44 0.10 2.05	24.29 0.01 8.69	21.96 0.06 0.97	21.75 -0.06 1.11	25.24 0.03 6.42	22.00 0.04 1.31	19.95 0.02 1.41	20.18 0.15 0.46
RUSSELL____3 23549	21.17 0.11 0.00	18.80 -0.01 0.00	15.35 -0.21 0.00	14.17 -0.20 0.00	14.46 -0.17 0.00	16.82 -0.11 0.00	19.73 -0.14 0.00	22.43 0.09 0.00	23.68 0.12 0.02	23.23 0.20 0.04	21.96 0.10 0.00	22.97 0.19 1.89	25.16 0.08 2.73	27.32 -0.06 3.46	24.42 0.09 1.83	23.55 0.17 1.51	26.44 0.10 2.05	24.29 0.01 8.69	21.96 0.06 0.97	21.75 -0.06 1.11	25.24 0.03 6.42	22.00 0.04 1.31	19.95 0.02 1.41	20.18 0.15 0.46
RUSSELL____4 23556	21.17 0.11 0.00	18.80 -0.01 0.00	15.35 -0.21 0.00	14.17 -0.20 0.00	14.46 -0.17 0.00	16.82 -0.11 0.00	19.73 -0.14 0.00	22.43 0.09 0.00	23.68 0.12 0.02	23.23 0.20 0.04	21.96 0.10 0.00	22.97 0.19 1.89	25.16 0.08 2.73	27.32 -0.06 3.46	24.42 0.09 1.83	23.55 0.17 1.51	26.44 0.10 2.05	24.29 0.01 8.69	21.96 0.06 0.97	21.75 -0.06 1.11	25.24 0.03 6.42	22.00 0.04 1.31	19.95 0.02 1.41	20.18 0.15 0.46

RUSSELL___STATION 23914	21.17 0.11 0.00	18.80 -0.01 0.00	15.35 -0.21 0.00	14.17 -0.20 0.00	14.46 -0.17 0.00	16.82 -0.11 0.00	19.73 -0.14 0.00	22.43 0.09 0.00	23.68 0.12 0.02	23.23 0.20 0.04	21.96 0.10 0.00	22.97 0.19 1.89	25.16 0.08 2.73	27.32 -0.06 3.46	24.42 0.09 1.83	23.55 0.17 1.51	26.44 0.10 2.05	24.29 0.01 8.69	21.96 0.06 0.97	21.75 -0.06 1.11	25.24 0.03 6.42	22.00 0.04 1.31	19.95 0.02 1.41	20.18 0.15 0.46
S SALMON___HYD 24043	20.82 -0.24 0.00	18.58 -0.23 0.00	15.33 -0.23 0.00	14.15 -0.22 0.00	14.42 -0.21 0.00	16.74 -0.19 0.00	19.66 -0.21 0.00	22.19 -0.15 0.00	23.47 -0.11 -0.01	22.92 -0.18 -0.02	21.56 -0.29 0.00	25.31 -0.35 -0.99	28.79 -0.47 -1.44	32.00 -0.67 -1.82	26.56 -0.58 -0.97	25.06 -0.63 -0.80	28.64 -0.81 -1.07	36.63 -0.86 -4.53	22.89 -0.50 -0.51	23.08 -0.42 -0.59	34.60 -0.42 -3.39	23.73 -0.24 -0.70	21.80 -0.28 -0.74	20.47 -0.26 -0.24
S.PERRY___115KV_TB1 80734	21.62 0.56 0.00	19.16 0.35 0.00	15.61 0.04 0.00	14.43 0.06 0.00	14.72 0.09 0.00	17.17 0.24 0.00	20.20 0.33 0.00	22.99 0.66 0.00	24.03 0.47 0.01	23.51 0.46 0.03	22.08 0.22 0.00	23.56 0.33 1.43	26.03 0.29 2.07	28.36 0.14 2.63	25.15 0.37 1.39	24.24 0.49 1.15	27.24 0.41 1.56	27.08 0.71 6.60	22.71 0.58 0.74	22.55 0.48 0.84	27.72 0.96 4.87	23.04 0.76 1.00	20.92 0.65 1.07	20.90 0.75 0.35
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.98 -0.07 0.00	18.59 -0.22 0.00	15.08 -0.48 0.00	13.94 -0.43 0.00	14.23 -0.40 0.00	16.57 -0.36 0.00	19.37 -0.51 0.00	22.11 -0.23 0.00	23.38 -0.17 0.02	23.01 -0.03 0.04	21.68 -0.18 0.00	22.93 -0.10 1.64	25.05 -0.38 2.38	27.09 -0.74 3.02	24.09 -0.48 1.60	23.23 -0.35 1.31	26.03 -0.56 1.79	24.47 -0.93 7.58	21.46 -0.56 0.85	21.22 -0.72 0.96	25.21 -0.83 5.59	21.57 -0.56 1.15	19.64 -0.46 1.23	19.95 -0.14 0.40
SAWYER___23_KV_LOAD 55526	20.98 -0.07 0.00	18.59 -0.22 0.00	15.08 -0.48 0.00	13.94 -0.43 0.00	14.23 -0.40 0.00	16.57 -0.36 0.00	19.37 -0.51 0.00	22.11 -0.23 0.00	23.38 -0.17 0.02	23.01 -0.03 0.04	21.68 -0.18 0.00	22.93 -0.10 1.64	25.05 -0.38 2.38	27.09 -0.74 3.02	24.09 -0.48 1.60	23.23 -0.35 1.31	26.03 -0.56 1.79	24.47 -0.93 7.58	21.46 -0.56 0.85	21.22 -0.72 0.96	25.21 -0.83 5.59	21.57 -0.56 1.15	19.64 -0.46 1.23	19.95 -0.14 0.40
SELKIRK___I 23801	21.73 0.67 0.00	19.44 0.63 0.00	16.04 0.48 0.00	14.82 0.45 0.00	15.08 0.45 0.00	17.43 0.50 0.00	20.43 0.56 0.00	22.87 0.54 0.00	24.13 0.56 0.00	23.70 0.62 0.00	22.64 0.79 0.00	25.46 0.80 0.00	28.49 0.68 0.00	31.71 0.87 0.00	26.86 0.70 0.00	25.46 0.57 0.00	29.13 0.75 0.00	33.88 0.91 0.00	23.58 0.79 0.00	23.70 0.79 0.00	32.71 1.08 0.00	24.09 0.82 0.00	22.12 0.78 0.00	21.20 0.70 0.00
SELKIRK___II 23799	21.59 0.54 0.00	19.32 0.51 0.00	15.94 0.37 0.00	14.72 0.35 0.00	14.98 0.35 0.00	17.30 0.37 0.00	20.29 0.42 0.00	22.72 0.38 0.00	23.98 0.41 0.00	23.49 0.41 0.00	22.31 0.46 0.00	25.19 0.52 0.00	28.37 0.56 0.00	31.56 0.72 0.00	26.77 0.61 0.00	25.38 0.49 0.00	29.04 0.65 0.00	33.75 0.78 0.00	23.49 0.61 0.00	23.59 0.68 0.00	32.53 0.90 0.00	23.97 0.69 0.00	22.00 0.67 0.00	21.09 0.59 0.00
SENECA OSWGO___HYD 24041	20.57 -0.49 0.00	18.35 -0.46 0.00	15.14 -0.43 0.00	13.98 -0.40 0.00	14.24 -0.39 0.00	16.51 -0.41 0.00	19.38 -0.49 0.00	21.87 -0.47 0.00	23.14 -0.44 -0.02	22.68 -0.44 -0.04	21.40 -0.45 0.00	25.77 -0.53 -1.64	29.61 -0.57 -2.37	33.17 -0.68 -3.00	27.24 -0.53 -1.60	25.70 -0.51 -1.32	29.56 -0.59 -1.77	39.83 -0.65 -7.51	23.32 -0.40 -0.85	23.48 -0.39 -0.96	36.74 -0.49 -5.60	24.06 -0.36 -1.15	22.19 -0.37 -1.23	20.51 -0.38 -0.39
SENECA___115KV_TB3 355854	21.16 0.11 0.00	18.76 -0.05 0.00	15.22 -0.35 0.00	14.07 -0.30 0.00	14.36 -0.27 0.00	16.73 -0.19 0.00	19.58 -0.29 0.00	22.38 0.04 0.00	23.69 0.13 0.02	23.30 0.25 0.04	21.93 0.07 0.00	23.28 0.19 1.58	25.48 -0.05 2.28	27.61 -0.35 2.88	24.50 -0.14 1.53	23.60 -0.03 1.26	26.47 -0.20 1.71	25.21 -0.51 7.24	21.79 -0.27 0.81	21.56 -0.43 0.92	25.88 -0.40 5.35	21.90 -0.28 1.10	19.94 -0.22 1.18	20.18 0.06 0.38
SENECA___ENERGY 23797	20.96 -0.10 0.00	18.68 -0.13 0.00	15.32 -0.25 0.00	14.16 -0.21 0.00	14.42 -0.20 0.00	16.76 -0.16 0.00	19.77 -0.11 0.00	22.40 0.07 0.00	23.68 0.11 0.00	23.15 0.07 0.00	21.79 -0.06 0.00	24.64 -0.03 0.00	27.76 -0.05 0.00	30.72 -0.13 0.00	26.15 -0.02 0.00	24.96 0.07 0.00	28.37 0.01 0.02	32.87 -0.01 0.09	22.94 0.07 0.00	22.94 0.02 0.00	31.80 0.17 0.00	23.32 0.05 0.00	21.33 0.00 0.00	20.52 0.03 0.01
SHOEMAKER___GT 23640	21.92 0.86 0.00	19.60 0.79 0.00	16.15 0.58 0.00	14.86 0.49 0.00	15.10 0.47 0.00	17.52 0.59 0.00	20.62 0.74 0.00	23.13 0.79 0.00	24.47 0.90 0.00	24.02 0.94 0.00	22.81 0.95 0.00	25.80 1.13 0.00	29.03 1.22 0.00	32.30 1.45 0.00	27.44 1.27 0.00	26.10 1.21 0.00	29.80 1.42 0.00	34.68 1.70 0.00	24.07 1.20 0.00	24.05 1.14 0.00	33.19 1.56 0.00	24.47 1.19 0.00	22.39 1.06 0.00	21.50 1.00 0.00
SHOEMAKR_138KV_BK 111 55601	21.90 0.84 0.00	19.58 0.77 0.00	16.13 0.57 0.00	14.84 0.47 0.00	15.09 0.46 0.00	17.50 0.58 0.00	20.60 0.72 0.00	23.11 0.77 0.00	24.45 0.88 0.00	24.02 0.94 0.00	22.81 0.95 0.00	25.80 1.13 0.00	29.06 1.25 0.00	32.32 1.47 0.00	27.46 1.29 0.00	26.13 1.24 0.00	29.83 1.45 0.00	34.69 1.72 0.00	24.08 1.21 0.00	24.05 1.14 0.00	33.17 1.54 0.00	24.45 1.17 0.00	22.38 1.04 0.00	21.48 0.99 0.00
SHOREHAM_IC_1 23715	18.83 1.00 3.23	18.15 0.98 1.64	16.36 0.79 0.00	15.09 0.71 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.66 0.78 0.00	20.37 0.64 2.61	21.25 0.71 3.03	17.57 0.88 6.40	26.85 1.22 -3.78	32.60 1.45 -6.48	27.13 1.42 2.10	29.92 1.89 2.82	27.51 1.52 0.17	27.53 1.67 -0.97	28.59 2.09 1.89	34.55 2.17 0.59	24.51 1.64 0.00	24.25 1.34 0.00	33.41 1.79 0.00	35.23 1.65 -10.30	41.88 1.53 -19.02	46.54 1.42 -24.62
SHOREHAM_IC_2 23716	18.83 1.00 3.23	18.15 0.98 1.64	16.36 0.79 0.00	15.09 0.71 0.00	15.22 0.59 0.00	17.66 0.73 0.00	20.66 0.78 0.00	20.37 0.64 2.61	21.25 0.71 3.03	17.57 0.88 6.40	26.85 1.22 -3.78	32.60 1.45 -6.48	27.13 1.42 2.10	29.92 1.89 2.82	27.51 1.52 0.17	27.53 1.67 -0.97	28.59 2.09 1.89	34.55 2.17 0.59	24.51 1.64 0.00	24.25 1.34 0.00	33.41 1.79 0.00	35.23 1.65 -10.30	41.88 1.53 -19.02	46.54 1.42 -24.62
SISSONVILLE___ 23735	21.23 0.17 0.00	18.94 0.13 0.00	15.78 0.22 0.00	14.60 0.23 0.00	14.88 0.25 0.00	17.21 0.28 0.00	20.26 0.39 0.00	22.71 0.38 0.00	23.81 0.24 0.00	22.95 -0.13 0.00	21.50 -0.35 0.00	24.23 -0.44 0.00	27.33 -0.48 0.00	30.24 -0.60 0.00	25.46 -0.71 0.00	24.09 -0.80 0.00	27.56 -0.83 0.00	32.07 -0.90 0.00	22.09 -0.78 0.00	22.19 -0.72 0.00	30.68 -0.95 0.00	22.53 -0.75 0.00	20.66 -0.68 0.00	19.83 -0.66 0.00

SITHE_IND_GS1 24169	20.34 -0.72 0.00	18.16 -0.65 0.00	14.99 -0.58 0.00	13.84 -0.53 0.00	14.09 -0.54 0.00	16.33 -0.59 0.00	19.17 -0.71 0.00	21.59 -0.75 0.00	22.69 -0.76 0.11	22.05 -0.74 0.29	21.13 -0.73 0.00	11.57 -0.81 12.29	9.15 -0.88 17.79	7.29 -1.00 22.56	13.39 -0.82 11.96	14.27 -0.77 9.85	14.11 -0.89 13.37	-24.76 -1.03 56.70	15.85 -0.68 6.35	15.00 -0.69 7.21	-11.13 -0.91 41.85	14.01 -0.69 8.58	11.49 -0.65 9.19	16.88 -0.62 3.00
SITHE_IND_GS2 24170	20.34 -0.72 0.00	18.16 -0.65 0.00	14.99 -0.58 0.00	13.84 -0.53 0.00	14.09 -0.54 0.00	16.33 -0.59 0.00	19.17 -0.71 0.00	21.59 -0.75 0.00	22.69 -0.76 0.11	22.05 -0.74 0.29	21.13 -0.73 0.00	11.57 -0.81 12.29	9.15 -0.88 17.79	7.29 -1.00 22.56	13.39 -0.82 11.96	14.27 -0.77 9.85	14.11 -0.89 13.37	-24.76 -1.03 56.70	15.85 -0.68 6.35	15.00 -0.69 7.21	-11.13 -0.91 41.85	14.01 -0.69 8.58	11.49 -0.65 9.19	16.88 -0.62 3.00
SITHE_IND_GS3 24171	20.34 -0.72 0.00	18.16 -0.65 0.00	14.99 -0.58 0.00	13.84 -0.53 0.00	14.09 -0.54 0.00	16.33 -0.59 0.00	19.17 -0.71 0.00	21.59 -0.75 0.00	22.69 -0.76 0.11	22.05 -0.74 0.29	21.13 -0.73 0.00	11.57 -0.81 12.29	9.15 -0.88 17.79	7.29 -1.00 22.56	13.39 -0.82 11.96	14.27 -0.77 9.85	14.11 -0.89 13.37	-24.76 -1.03 56.70	15.85 -0.68 6.35	15.00 -0.69 7.21	-11.13 -0.91 41.85	14.01 -0.69 8.58	11.49 -0.65 9.19	16.88 -0.62 3.00
SITHE_IND_GS4 24172	20.34 -0.72 0.00	18.16 -0.65 0.00	14.99 -0.58 0.00	13.84 -0.53 0.00	14.09 -0.54 0.00	16.33 -0.59 0.00	19.17 -0.71 0.00	21.59 -0.75 0.00	22.69 -0.76 0.11	22.05 -0.74 0.29	21.13 -0.73 0.00	11.57 -0.81 12.29	9.15 -0.88 17.79	7.29 -1.00 22.56	13.39 -0.82 11.96	14.27 -0.77 9.85	14.11 -0.89 13.37	-24.76 -1.03 56.70	15.85 -0.68 6.35	15.00 -0.69 7.21	-11.13 -0.91 41.85	14.01 -0.69 8.58	11.49 -0.65 9.19	16.88 -0.62 3.00
SITHE___BATAVIA 24024	21.41 0.36 0.00	18.98 0.17 0.00	15.43 -0.13 0.00	14.25 -0.13 0.00	14.55 -0.08 0.00	16.96 0.03 0.00	19.84 -0.03 0.00	22.62 0.29 0.00	23.81 0.26 0.02	23.32 0.28 0.04	21.98 0.13 0.00	23.13 0.22 1.76	25.39 0.12 2.54	27.44 -0.19 3.22	24.51 0.05 1.71	23.69 0.20 1.40	26.58 0.10 1.91	24.80 -0.11 8.07	21.97 0.00 0.90	21.74 -0.14 1.03	25.63 -0.04 5.96	22.06 0.00 1.22	20.03 0.01 1.31	20.31 0.24 0.43
SITHE___INDEPEND 23800	20.34 -0.72 0.00	18.16 -0.65 0.00	14.98 -0.58 0.00	13.84 -0.53 0.00	14.09 -0.54 0.00	16.33 -0.59 0.00	19.17 -0.71 0.00	21.59 -0.75 0.00	22.69 -0.76 0.11	22.06 -0.74 0.29	21.12 -0.73 0.00	11.57 -0.81 12.29	9.15 -0.87 17.79	7.29 -1.00 22.56	13.39 -0.82 11.96	14.27 -0.77 9.85	14.11 -0.89 13.37	-24.76 -1.03 56.70	15.84 -0.69 6.35	15.00 -0.70 7.21	-11.13 -0.91 41.85	14.01 -0.69 8.58	11.49 -0.65 9.19	16.88 -0.62 3.00
SITHE___MASSENA 23902	21.10 0.04 0.00	18.83 0.03 0.00	15.70 0.14 0.00	14.53 0.16 0.00	14.80 0.17 0.00	17.11 0.18 0.00	20.10 0.22 0.00	22.50 0.17 0.00	23.65 0.07 0.00	23.08 0.00 0.00	21.77 -0.09 0.00	24.55 -0.12 0.00	27.72 -0.10 0.00	30.72 -0.13 0.00	25.97 -0.19 0.00	24.71 -0.18 0.00	28.20 -0.18 0.00	32.73 -0.24 0.00	22.55 -0.32 0.00	22.58 -0.33 0.00	31.10 -0.52 0.00	22.87 -0.40 0.00	20.98 -0.36 0.00	20.17 -0.33 0.00
SITHE___OGDNSBRG 24021	21.41 0.35 0.00	19.10 0.29 0.00	15.93 0.37 0.00	14.75 0.38 0.00	15.04 0.41 0.00	17.40 0.47 0.00	20.50 0.62 0.00	22.95 0.62 0.00	24.06 0.49 0.00	23.33 0.25 0.00	21.95 0.09 0.00	24.71 0.05 0.00	27.89 0.08 0.00	30.90 0.05 0.00	26.07 -0.10 0.00	24.74 -0.15 0.00	28.30 -0.08 0.00	32.89 -0.08 0.00	22.64 -0.24 0.00	22.71 -0.20 0.00	31.41 -0.22 0.00	23.07 -0.20 0.00	21.15 -0.19 0.00	20.29 -0.21 0.00
SITHE___STERLING 23777	21.55 0.49 0.00	19.22 0.42 0.00	15.86 0.30 0.00	14.66 0.29 0.00	14.94 0.31 0.00	17.33 0.40 0.00	20.40 0.52 0.00	22.99 0.65 0.00	24.32 0.75 0.00	23.75 0.67 0.00	22.40 0.55 0.00	25.23 0.56 0.00	28.49 0.68 0.00	31.40 0.55 0.00	26.57 0.40 0.00	25.26 0.37 0.00	28.81 0.45 0.02	33.47 0.58 0.08	23.38 0.50 0.00	23.53 0.62 0.00	32.57 0.94 0.00	23.94 0.66 0.00	21.86 0.53 0.00	20.94 0.45 0.01
SLEIGHT__34_KV_TB1 80719	21.26 0.20 0.00	18.94 0.13 0.00	15.51 -0.05 0.00	14.35 -0.02 0.00	14.63 0.00 0.00	16.98 0.05 0.00	20.04 0.17 0.00	22.74 0.41 0.00	24.03 0.46 0.00	23.49 0.42 0.01	22.16 0.30 0.00	24.49 0.38 0.56	27.40 0.40 0.81	30.23 0.41 1.03	26.04 0.41 0.54	24.93 0.48 0.45	28.24 0.47 0.61	30.91 0.54 2.60	23.10 0.52 0.29	23.00 0.42 0.33	30.44 0.71 1.90	23.31 0.42 0.39	21.22 0.30 0.42	20.67 0.31 0.14
SOUTH CAIRO___GT 23612	22.24 1.18 0.00	19.86 1.05 0.00	16.39 0.83 0.00	15.17 0.80 0.00	15.44 0.81 0.00	17.83 0.90 0.00	20.96 1.08 0.00	23.50 1.17 0.00	24.75 1.18 0.00	23.98 0.90 0.00	22.47 0.62 0.00	25.56 0.90 0.00	28.48 0.67 0.00	32.08 1.24 0.00	27.20 1.03 0.00	25.80 0.91 0.00	29.61 1.23 0.00	34.60 1.63 0.00	24.19 1.32 0.00	24.44 1.53 0.00	33.86 2.23 0.00	24.92 1.65 0.00	22.83 1.49 0.00	21.79 1.29 0.00
SOUTH HAMPTN___IC 23720	19.33 1.54 3.27	18.61 1.46 1.66	16.74 1.18 0.00	15.43 1.06 0.00	15.59 0.96 0.00	18.09 1.16 0.00	21.20 1.32 0.00	20.96 1.26 2.64	21.88 1.38 3.07	18.19 1.58 6.46	27.47 1.90 -3.72	33.38 2.23 -6.48	27.92 2.24 2.12	30.86 2.87 2.86	28.38 2.39 0.17	28.33 2.49 -0.95	29.51 3.08 1.96	35.69 3.32 0.60	25.30 2.43 0.00	25.01 2.10 0.00	34.14 2.51 0.00	35.75 2.17 -10.30	42.33 1.97 -19.02	46.97 1.85 -24.62
SOUTHDOW_115KV_TB1 355954	21.67 0.61 0.00	19.20 0.39 0.00	15.62 0.05 0.00	14.48 0.11 0.00	14.78 0.16 0.00	17.28 0.35 0.00	20.34 0.46 0.00	23.48 1.14 0.00	24.92 1.37 0.01	24.45 1.40 0.03	22.96 1.10 0.00	24.60 1.39 1.46	27.05 1.35 2.11	29.45 1.28 2.67	25.97 1.21 1.42	24.92 1.19 1.17	28.00 1.20 1.58	27.33 1.07 6.71	22.84 0.72 0.75	22.67 0.61 0.85	27.74 1.06 4.95	22.97 0.71 1.02	20.87 0.62 1.09	20.92 0.78 0.35
SOUTHOLD_69_KV_BK 2 55809	19.64 1.85 3.27	18.89 1.74 1.66	16.97 1.40 0.00	15.64 1.27 0.00	15.80 1.17 0.00	18.35 1.42 0.00	21.51 1.63 0.00	21.34 1.65 2.64	22.27 1.76 3.06	18.59 1.98 6.46	27.85 2.28 -3.72	33.82 2.67 -6.48	28.36 2.67 2.12	31.43 3.44 2.86	28.88 2.89 0.17	28.81 2.97 -0.95	30.08 3.65 1.95	36.37 4.00 0.60	25.78 2.91 0.00	25.49 2.58 0.00	34.90 3.27 0.00	36.28 2.70 -10.30	42.80 2.45 -19.02	47.42 2.29 -24.62
SOUTHOLD___IC 23719	19.64 1.85 3.27	18.88 1.73 1.66	16.97 1.40 0.00	15.64 1.27 0.00	15.80 1.17 0.00	18.35 1.42 0.00	21.51 1.63 0.00	21.32 1.62 2.64	22.27 1.76 3.06	18.59 1.97 6.46	27.85 2.28 -3.72	33.82 2.67 -6.48	28.35 2.66 2.12	31.41 3.42 2.86	28.87 2.87 0.17	28.80 2.96 -0.95	30.08 3.65 1.95	36.37 4.00 0.60	25.78 2.91 0.00	25.49 2.58 0.00	34.89 3.26 0.00	36.29 2.72 -10.30	42.80 2.45 -19.02	47.41 2.29 -24.62

SPIERFLS_115KV_TB 1 80737	22.63 1.57 0.00	20.24 1.43 0.00	16.67 1.10 0.00	15.38 1.01 0.00	15.67 1.04 0.00	18.16 1.23 0.00	21.41 1.53 0.00	23.99 1.65 0.00	25.32 1.75 0.00	24.79 1.71 0.00	23.50 1.65 0.00	26.53 1.86 0.00	29.91 2.09 0.00	33.33 2.48 0.00	28.06 1.89 0.00	26.56 1.67 0.00	30.69 2.31 0.00	35.82 2.85 0.00	24.87 2.00 0.00	25.08 2.17 0.00	34.48 2.85 0.00	25.46 2.18 0.00	23.31 1.98 0.00	22.31 1.82 0.00
ST LAWRENCE____ 23600	20.86 -0.19 0.00	18.62 -0.19 0.00	15.52 -0.04 0.00	14.36 -0.01 0.00	14.63 0.01 0.00	16.90 -0.02 0.00	19.85 -0.02 0.00	22.23 -0.10 0.00	23.37 -0.20 0.00	22.84 -0.25 0.00	21.56 -0.29 0.00	24.32 -0.35 0.00	27.45 -0.37 0.00	30.42 -0.42 0.00	25.75 -0.42 0.00	24.50 -0.39 0.00	27.96 -0.43 0.00	32.44 -0.53 0.00	22.36 -0.51 0.00	22.38 -0.53 0.00	30.85 -0.78 0.00	22.69 -0.59 0.00	20.82 -0.52 0.00	20.02 -0.48 0.00
STATE_CA_115KV_115_LB 55624	21.59 0.53 0.00	19.31 0.50 0.00	15.94 0.37 0.00	14.74 0.37 0.00	14.99 0.36 0.00	17.29 0.36 0.00	20.29 0.42 0.00	22.70 0.37 0.00	23.97 0.40 0.00	23.51 0.42 0.00	22.36 0.50 0.00	25.23 0.56 0.00	28.41 0.60 0.00	31.61 0.76 0.00	26.83 0.66 0.00	25.41 0.52 0.00	29.11 0.73 0.00	33.86 0.89 0.00	23.55 0.67 0.00	23.66 0.75 0.00	32.61 0.98 0.00	24.01 0.73 0.00	22.04 0.70 0.00	21.10 0.60 0.00
STATE_ST_34_KV_LOAD 55959	21.31 0.25 0.00	19.02 0.21 0.00	15.59 0.03 0.00	14.45 0.08 0.00	14.72 0.10 0.00	17.04 0.11 0.00	20.12 0.25 0.00	22.75 0.41 0.00	24.02 0.45 0.00	23.46 0.38 0.00	22.13 0.27 0.00	25.01 0.34 0.00	27.96 0.15 0.00	31.23 0.38 0.00	26.48 0.31 0.00	25.35 0.46 0.00	28.80 0.42 0.00	33.46 0.49 0.00	23.35 0.48 0.00	23.31 0.40 0.00	32.37 0.74 0.00	23.68 0.41 0.00	21.66 0.33 0.00	20.85 0.35 0.00
STATION 5_MISC_HYD 23604	21.08 0.02 0.00	18.72 -0.09 0.00	15.29 -0.27 0.00	14.11 -0.26 0.00	14.40 -0.23 0.00	16.75 -0.18 0.00	19.65 -0.23 0.00	22.32 -0.01 0.00	23.56 0.01 0.02	23.12 0.08 0.04	21.85 0.00 0.00	22.84 0.06 1.89	25.03 -0.05 2.73	27.17 -0.21 3.46	24.29 -0.04 1.83	23.43 0.04 1.51	26.28 -0.05 2.05	24.10 -0.18 8.70	21.83 -0.07 0.97	21.63 -0.18 1.11	25.06 -0.15 6.42	21.87 -0.09 1.31	19.83 -0.09 1.41	20.08 0.04 0.46
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.09 0.03 0.00	18.76 -0.05 0.00	15.35 -0.21 0.00	14.18 -0.19 0.00	14.46 -0.16 0.00	16.82 -0.11 0.00	19.78 -0.09 0.00	22.46 0.12 0.00	23.72 0.16 0.01	23.23 0.18 0.03	21.91 0.06 0.00	23.41 0.12 1.38	25.91 0.10 2.00	28.27 -0.04 2.54	24.91 0.09 1.34	23.94 0.15 1.11	27.01 0.14 1.51	26.69 0.10 6.38	22.27 0.11 0.71	22.14 0.04 0.81	27.09 0.16 4.70	22.41 0.10 0.96	20.35 0.05 1.03	20.27 0.11 0.34
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.93 -0.13 0.00	18.59 -0.22 0.00	15.19 -0.37 0.00	14.02 -0.35 0.00	14.32 -0.31 0.00	16.64 -0.28 0.00	19.54 -0.34 0.00	22.19 -0.15 0.00	23.42 -0.13 0.02	22.98 -0.06 0.04	21.71 -0.14 0.00	22.71 -0.08 1.88	24.90 -0.20 2.72	27.02 -0.38 3.45	24.16 -0.19 1.83	23.30 -0.09 1.50	26.16 -0.18 2.04	24.00 -0.32 8.65	21.72 -0.18 0.97	21.52 -0.29 1.10	24.94 -0.31 6.38	21.76 -0.21 1.31	19.73 -0.21 1.40	19.96 -0.08 0.46
STA_56____34_KV_BUS2 355983	20.93 -0.13 0.00	18.59 -0.22 0.00	15.19 -0.37 0.00	14.02 -0.35 0.00	14.32 -0.31 0.00	16.64 -0.28 0.00	19.54 -0.34 0.00	22.19 -0.15 0.00	23.42 -0.13 0.02	22.98 -0.06 0.04	21.71 -0.14 0.00	22.71 -0.08 1.88	24.90 -0.20 2.72	27.02 -0.38 3.45	24.16 -0.19 1.83	23.30 -0.09 1.50	26.16 -0.18 2.04	24.00 -0.32 8.65	21.72 -0.18 0.97	21.52 -0.29 1.10	24.94 -0.31 6.38	21.76 -0.21 1.31	19.73 -0.21 1.40	19.96 -0.08 0.46
STA_67____115KV_BK2 355882	21.04 -0.02 0.00	18.69 -0.12 0.00	15.26 -0.30 0.00	14.09 -0.28 0.00	14.38 -0.25 0.00	16.72 -0.21 0.00	19.61 -0.27 0.00	22.28 -0.06 0.00	23.51 -0.05 0.02	23.07 0.03 0.04	21.79 -0.06 0.00	22.78 0.00 1.89	24.94 -0.13 2.74	27.07 -0.31 3.47	24.20 -0.13 1.84	23.35 -0.03 1.51	26.19 -0.14 2.05	23.98 -0.28 8.72	21.76 -0.14 0.97	21.55 -0.25 1.11	24.97 -0.23 6.43	21.80 -0.15 1.32	19.78 -0.14 1.41	20.03 0.00 0.46
STA_7____115KV_9TRANS 80674	21.17 0.11 0.00	18.80 -0.01 0.00	15.35 -0.21 0.00	14.17 -0.20 0.00	14.46 -0.17 0.00	16.82 -0.11 0.00	19.73 -0.14 0.00	22.43 0.09 0.00	23.68 0.12 0.02	23.23 0.20 0.04	21.96 0.10 0.00	22.97 0.19 1.89	25.16 0.08 2.73	27.32 -0.06 3.46	24.42 0.09 1.83	23.55 0.17 1.51	26.44 0.10 2.05	24.29 0.01 8.69	21.96 0.06 0.97	21.75 -0.06 1.11	25.24 0.03 6.42	22.00 0.04 1.31	19.95 0.02 1.41	20.18 0.15 0.46
STA_82____115KV_TB1 80780	21.05 -0.01 0.00	18.70 -0.11 0.00	15.27 -0.30 0.00	14.10 -0.28 0.00	14.39 -0.24 0.00	16.73 -0.19 0.00	19.62 -0.26 0.00	22.29 -0.05 0.00	23.52 -0.04 0.02	23.08 0.04 0.04	21.81 -0.05 0.00	22.81 0.01 1.87	24.99 -0.12 2.70	27.13 -0.28 3.42	24.24 -0.12 1.82	23.38 -0.02 1.49	26.24 -0.12 2.03	24.13 -0.25 8.60	21.79 -0.12 0.96	21.58 -0.24 1.09	25.07 -0.22 6.34	21.84 -0.13 1.30	19.81 -0.13 1.39	20.05 0.01 0.45
STEEL____WIND 323596	21.15 0.09 0.00	18.75 -0.06 0.00	15.21 -0.35 0.00	14.06 -0.31 0.00	14.35 -0.28 0.00	16.72 -0.21 0.00	19.57 -0.30 0.00	22.37 0.03 0.00	23.67 0.12 0.02	23.27 0.22 0.04	21.91 0.06 0.00	23.26 0.17 1.58	25.47 -0.06 2.28	27.61 -0.35 2.88	24.51 -0.13 1.53	23.59 -0.04 1.26	26.45 -0.22 1.71	25.18 -0.54 7.24	21.78 -0.28 0.81	21.58 -0.41 0.92	25.88 -0.40 5.35	21.89 -0.29 1.10	19.94 -0.22 1.18	20.16 0.05 0.38
STEPHTWN_115KV_BK_2 55603	21.69 0.63 0.00	19.36 0.55 0.00	15.97 0.40 0.00	14.76 0.39 0.00	15.00 0.37 0.00	17.33 0.41 0.00	20.40 0.52 0.00	22.86 0.52 0.00	24.09 0.52 0.00	23.64 0.56 0.00	22.44 0.58 0.00	25.34 0.67 0.00	28.54 0.73 0.00	31.74 0.89 0.00	26.89 0.72 0.00	25.48 0.59 0.00	29.31 0.93 0.00	34.03 1.06 0.00	23.69 0.82 0.00	23.82 0.91 0.00	32.88 1.25 0.00	24.12 0.85 0.00	22.10 0.77 0.00	21.16 0.66 0.00
STEUBEN_REC_LFGE 323667	21.14 0.08 0.00	18.77 -0.04 0.00	15.25 -0.31 0.00	14.13 -0.24 0.00	14.37 -0.26 0.00	16.78 -0.15 0.00	19.75 -0.12 0.00	22.72 0.38 0.00	24.10 0.54 0.01	23.63 0.57 0.02	22.10 0.24 0.00	24.12 0.42 0.97	26.82 0.41 1.40	29.39 0.32 1.78	25.75 0.52 0.94	24.60 0.49 0.77	27.73 0.40 1.05	28.81 0.30 4.46	22.66 0.28 0.50	22.71 0.36 0.57	29.13 0.79 3.29	23.12 0.52 0.67	21.03 0.42 0.72	20.81 0.55 0.24
STONY____BROOK 24151	19.25 1.35 3.16	18.49 1.28 1.60	16.61 1.04 0.00	15.28 0.90 0.00	15.45 0.82 0.00	17.93 1.00 0.00	20.94 1.07 0.00	20.75 0.98 2.56	21.68 1.08 2.96	18.07 1.25 6.26	27.34 1.58 -3.91	33.03 1.87 -6.48	27.59 1.82 2.04	30.44 2.35 2.75	28.01 2.01 0.17	27.97 2.07 -1.02	29.13 2.49 1.74	34.82 2.43 0.58	24.73 1.86 0.00	24.42 1.51 0.00	33.65 2.02 0.00	35.47 1.90 -10.30	42.12 1.77 -19.02	46.85 1.73 -24.62

STURGEON_POOL_HYD 23609	21.99 0.94 0.00	19.68 0.87 0.00	16.20 0.64 0.00	14.89 0.52 0.00	15.13 0.50 0.00	17.56 0.63 0.00	20.66 0.78 0.00	23.19 0.85 0.00	24.56 0.99 0.00	24.15 1.07 0.00	22.96 1.10 0.00	26.00 1.33 0.00	29.39 1.58 0.00	32.64 1.79 0.00	27.78 1.61 0.00	26.47 1.58 0.00	30.21 1.82 0.00	35.07 2.10 0.00	24.32 1.45 0.00	24.25 1.34 0.00	33.34 1.71 0.00	24.58 1.31 0.00	22.48 1.15 0.00	21.58 1.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.95 0.89 0.00	19.63 0.82 0.00	16.16 0.60 0.00	14.87 0.49 0.00	15.10 0.47 0.00	17.52 0.60 0.00	20.62 0.74 0.00	23.15 0.82 0.00	24.52 0.95 0.00	24.11 1.03 0.00	22.91 1.06 0.00	25.93 1.26 0.00	29.26 1.45 0.00	32.54 1.69 0.00	27.68 1.51 0.00	26.33 1.44 0.00	30.08 1.70 0.00	34.95 1.98 0.00	24.24 1.37 0.00	24.19 1.28 0.00	33.32 1.69 0.00	24.55 1.27 0.00	22.45 1.11 0.00	21.56 1.06 0.00
SWANROAD_115KV_TB1 355699	20.59 -0.47 0.00	18.24 -0.57 0.00	14.80 -0.77 0.00	13.67 -0.70 0.00	13.96 -0.67 0.00	16.25 -0.68 0.00	18.94 -0.94 0.00	21.59 -0.75 0.00	22.81 -0.74 0.02	22.46 -0.58 0.04	21.17 -0.68 0.00	22.29 -0.69 1.69	24.26 -1.11 2.44	26.17 -1.59 3.09	23.34 -1.19 1.64	22.55 -0.99 1.35	25.22 -1.33 1.83	23.43 -1.79 7.76	20.91 -1.09 0.87	20.61 -1.31 0.99	24.25 -1.65 5.73	20.96 -1.14 1.18	19.10 -0.98 1.26	19.53 -0.56 0.41
SYNERGY___BIOGAS 323694	21.41 0.36 0.00	18.98 0.17 0.00	15.43 -0.13 0.00	14.25 -0.13 0.00	14.55 -0.08 0.00	16.96 0.03 0.00	19.84 -0.03 0.00	22.62 0.29 0.00	23.81 0.26 0.02	23.32 0.28 0.04	21.98 0.13 0.00	23.13 0.22 1.76	25.39 0.12 2.54	27.44 -0.19 3.22	24.51 0.05 1.71	23.69 0.20 1.40	26.58 0.10 1.91	24.80 -0.11 8.07	21.97 0.00 0.90	21.74 -0.14 1.03	25.63 -0.04 5.96	22.06 0.00 1.22	20.03 0.01 1.31	20.31 0.24 0.43
SYRACUSE___ENERGY_ST1 323597	20.90 -0.16 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.76 -0.16 0.00	19.71 -0.17 0.00	22.24 -0.10 0.00	23.52 -0.06 0.00	23.03 -0.06 -0.01	21.75 -0.11 0.00	24.84 -0.10 -0.28	28.11 -0.10 -0.40	31.23 -0.12 -0.51	26.37 -0.08 -0.28	25.07 -0.05 -0.22	28.62 -0.06 -0.30	34.16 -0.05 -1.25	23.04 0.03 -0.15	23.08 0.00 -0.16	32.68 0.08 -0.96	23.50 0.03 -0.20	21.52 -0.02 -0.21	20.52 -0.04 -0.06
SYRACUSE___ENERGY_ST2 323598	20.90 -0.16 0.00	18.65 -0.16 0.00	15.36 -0.20 0.00	14.19 -0.18 0.00	14.45 -0.18 0.00	16.76 -0.16 0.00	19.71 -0.17 0.00	22.24 -0.10 0.00	23.52 -0.06 0.00	23.03 -0.06 -0.01	21.75 -0.11 0.00	24.84 -0.10 -0.28	28.11 -0.10 -0.40	31.23 -0.12 -0.51	26.37 -0.08 -0.28	25.07 -0.05 -0.22	28.62 -0.06 -0.30	34.16 -0.05 -1.25	23.04 0.03 -0.15	23.08 0.00 -0.16	32.68 0.08 -0.96	23.50 0.03 -0.20	21.52 -0.02 -0.21	20.52 -0.04 -0.06
SYRACUSE___POWER 24017	20.88 -0.18 0.00	18.63 -0.18 0.00	15.35 -0.21 0.00	14.18 -0.20 0.00	14.43 -0.20 0.00	16.75 -0.18 0.00	19.68 -0.20 0.00	22.21 -0.13 0.00	23.51 -0.07 0.00	23.02 -0.06 0.00	21.74 -0.12 0.00	24.55 -0.12 0.00	27.72 -0.10 0.00	30.70 -0.14 0.00	26.10 -0.07 0.00	24.83 -0.06 0.00	28.29 -0.07 0.03	32.79 -0.07 0.12	22.88 0.01 0.00	22.91 0.00 0.00	31.72 0.09 0.00	23.32 0.05 0.00	21.33 0.00 0.00	20.45 -0.04 0.01
TALLMAN__138KV_BK151 55660	22.07 1.01 0.00	19.74 0.93 0.00	16.25 0.69 0.00	14.94 0.57 0.00	15.17 0.55 0.00	17.61 0.68 0.00	20.72 0.84 0.00	23.29 0.96 0.00	24.69 1.12 0.00	24.30 1.21 0.00	23.11 1.26 0.00	26.16 1.49 0.00	29.51 1.69 0.00	32.83 1.99 0.00	27.94 1.77 0.00	26.59 1.70 0.00	30.36 1.97 0.00	35.26 2.29 0.00	24.44 1.57 0.00	24.37 1.46 0.00	33.53 1.90 0.00	24.71 1.43 0.00	22.59 1.26 0.00	21.69 1.19 0.00
TEALLAVE_115KV_TB7 355573	20.75 -0.30 0.00	18.52 -0.29 0.00	15.26 -0.30 0.00	14.09 -0.28 0.00	14.35 -0.28 0.00	16.65 -0.28 0.00	19.54 -0.34 0.00	22.05 -0.29 0.00	23.37 -0.20 0.00	22.88 -0.19 0.01	21.63 -0.22 0.00	24.09 -0.23 0.35	27.09 -0.22 0.50	29.93 -0.28 0.64	25.67 -0.17 0.32	24.46 -0.16 0.27	27.81 -0.19 0.38	31.11 -0.23 1.63	22.60 -0.10 0.17	22.61 -0.11 0.20	30.43 -0.06 1.14	22.99 -0.06 0.23	20.98 -0.10 0.25	20.27 -0.13 0.09
TELGRAPH_34_KV_EAST 80808	21.09 0.03 0.00	18.69 -0.12 0.00	15.17 -0.39 0.00	14.02 -0.35 0.00	14.31 -0.32 0.00	16.67 -0.26 0.00	19.48 -0.40 0.00	22.22 -0.11 0.00	23.45 -0.10 0.02	23.05 0.01 0.04	21.73 -0.13 0.00	22.88 -0.05 1.73	25.04 -0.28 2.50	27.02 -0.66 3.16	24.09 -0.40 1.68	23.27 -0.24 1.38	26.07 -0.44 1.87	24.22 -0.83 7.92	21.50 -0.48 0.89	21.23 -0.67 1.01	25.02 -0.76 5.85	21.57 -0.50 1.20	19.62 -0.43 1.29	19.97 -0.10 0.42
TEMPLE___115KV_TB 2 55572	20.77 -0.28 0.00	18.53 -0.28 0.00	15.27 -0.30 0.00	14.10 -0.27 0.00	14.36 -0.27 0.00	16.66 -0.27 0.00	19.56 -0.32 0.00	22.07 -0.27 0.00	23.39 -0.18 0.00	22.90 -0.17 0.01	21.65 -0.21 0.00	24.09 -0.21 0.37	27.08 -0.20 0.54	29.91 -0.25 0.67	25.66 -0.16 0.35	24.45 -0.15 0.29	27.81 -0.17 0.41	31.03 -0.21 1.73	22.60 -0.09 0.18	22.61 -0.09 0.21	30.37 -0.05 1.22	22.97 -0.06 0.25	20.97 -0.09 0.27	20.28 -0.12 0.10
TIANA____69_KV_BK 1 55817	19.22 1.43 3.27	18.50 1.35 1.66	16.65 1.09 0.00	15.35 0.98 0.00	15.50 0.87 0.00	17.99 1.06 0.00	21.07 1.19 0.00	20.84 1.14 2.64	21.73 1.22 3.06	18.04 1.42 6.46	27.31 1.74 -3.72	33.21 2.05 -6.48	27.76 2.07 2.12	30.66 2.67 2.86	28.21 2.21 0.17	28.14 2.30 -0.95	29.28 2.85 1.95	35.42 3.04 0.60	25.12 2.25 0.00	24.84 1.93 0.00	33.98 2.35 0.00	35.62 2.04 -10.30	42.22 1.87 -19.02	46.88 1.76 -24.62
TILDEN___115KV_TB1 80814	20.88 -0.18 0.00	18.63 -0.18 0.00	15.35 -0.21 0.00	14.18 -0.20 0.00	14.43 -0.20 0.00	16.75 -0.18 0.00	19.68 -0.20 0.00	22.21 -0.13 0.00	23.51 -0.07 0.00	23.02 -0.06 0.00	21.74 -0.12 0.00	24.55 -0.12 0.00	27.72 -0.10 0.00	30.70 -0.14 0.00	26.10 -0.07 0.00	24.83 -0.06 0.00	28.29 -0.07 0.03	32.79 -0.07 0.12	22.88 0.01 0.00	22.91 0.00 0.00	31.72 0.09 0.00	23.32 0.05 0.00	21.33 0.00 0.00	20.45 -0.04 0.01
TRIGEN___CC 323695	36.62 1.33 -14.23	27.27 1.25 -7.22	16.56 0.99 0.00	15.21 0.84 0.00	15.43 0.80 0.00	17.90 0.97 0.00	20.99 1.12 0.00	34.99 1.14 -11.51	38.17 1.25 -13.34	52.63 1.40 -28.15	58.91 1.64 -35.41	33.08 1.92 -6.48	41.16 2.00 -11.35	48.38 2.36 -15.18	28.99 2.07 -0.75	39.17 2.07 -12.20	64.93 2.43 -34.12	38.22 2.65 -2.61	24.73 1.86 0.00	24.54 1.63 0.00	33.84 2.21 0.00	35.46 1.88 -10.30	42.07 1.72 -19.02	46.76 1.64 -24.62
TRINITY__115KV__ 4 BK 55933	21.53 0.47 0.00	19.25 0.45 0.00	15.90 0.33 0.00	14.70 0.33 0.00	14.95 0.32 0.00	17.25 0.32 0.00	20.23 0.35 0.00	22.63 0.29 0.00	23.89 0.32 0.00	23.42 0.33 0.00	22.27 0.42 0.00	25.13 0.46 0.00	28.29 0.48 0.00	31.48 0.63 0.00	26.70 0.53 0.00	25.29 0.40 0.00	28.96 0.58 0.00	33.69 0.71 0.00	23.43 0.56 0.00	23.55 0.64 0.00	32.46 0.83 0.00	23.91 0.63 0.00	21.96 0.63 0.00	21.03 0.54 0.00

UNION___PROCESSING_DRP 323587	21.06 0.00 0.00	18.70 -0.11 0.00	15.27 -0.29 0.00	14.10 -0.27 0.00	14.39 -0.24 0.00	16.74 -0.19 0.00	19.64 -0.24 0.00	22.30 -0.04 0.00	23.53 -0.03 0.02	23.09 0.05 0.04	21.81 -0.04 0.00	22.84 0.03 1.86	25.02 -0.11 2.69	27.16 -0.28 3.41	24.26 -0.11 1.81	23.40 -0.01 1.49	26.26 -0.10 2.02	24.19 -0.22 8.55	21.81 -0.11 0.96	21.60 -0.22 1.09	25.12 -0.20 6.31	21.86 -0.12 1.29	19.83 -0.11 1.39	20.06 0.02 0.45
UPPER HUDSON___HYD 24058	22.63 1.57 0.00	20.24 1.43 0.00	16.67 1.10 0.00	15.38 1.01 0.00	15.67 1.04 0.00	18.16 1.23 0.00	21.41 1.53 0.00	23.99 1.65 0.00	25.32 1.75 0.00	24.79 1.71 0.00	23.50 1.65 0.00	26.53 1.86 0.00	29.90 2.09 0.00	33.33 2.48 0.00	28.06 1.89 0.00	26.56 1.67 0.00	30.69 2.31 0.00	35.82 2.85 0.00	24.87 1.99 0.00	25.08 2.17 0.00	34.48 2.85 0.00	25.46 2.18 0.00	23.31 1.98 0.00	22.31 1.82 0.00
UPPER RAQUET___HYD 24056	21.23 0.17 0.00	18.94 0.13 0.00	15.78 0.22 0.00	14.60 0.23 0.00	14.88 0.25 0.00	17.21 0.28 0.00	20.26 0.39 0.00	22.71 0.38 0.00	23.81 0.24 0.00	22.94 -0.14 0.00	21.50 -0.35 0.00	24.23 -0.44 0.00	27.33 -0.49 0.00	30.24 -0.60 0.00	25.45 -0.71 0.00	24.09 -0.80 0.00	27.56 -0.83 0.00	32.07 -0.90 0.00	22.09 -0.78 0.00	22.19 -0.72 0.00	30.68 -0.95 0.00	22.53 -0.75 0.00	20.66 -0.68 0.00	19.84 -0.66 0.00
VALLEY44_115KV_TB2 355964	21.36 0.30 0.00	19.01 0.20 0.00	15.44 -0.12 0.00	14.27 -0.10 0.00	14.54 -0.09 0.00	16.97 0.05 0.00	19.98 0.10 0.00	22.92 0.59 0.00	24.32 0.77 0.01	23.88 0.83 0.03	22.46 0.60 0.00	23.87 0.62 1.41	26.15 0.38 2.04	28.45 0.20 2.59	25.07 0.27 1.37	24.04 0.28 1.13	27.08 0.23 1.53	26.49 0.02 6.50	22.14 0.00 0.73	21.97 -0.11 0.83	26.89 0.06 4.79	22.26 -0.03 0.98	20.29 0.01 1.06	20.37 0.22 0.35
VALLEY___115KV_TB 1-4 80826	21.06 0.00 0.00	18.81 0.00 0.00	15.40 -0.16 0.00	14.23 -0.14 0.00	14.51 -0.12 0.00	16.82 -0.11 0.00	19.78 -0.09 0.00	22.23 -0.11 0.00	23.39 -0.18 0.00	22.95 -0.14 0.00	21.81 -0.04 0.00	24.69 0.02 0.00	27.78 -0.03 0.00	30.72 -0.12 0.00	26.00 -0.17 0.00	24.59 -0.30 0.00	28.09 -0.29 0.00	32.76 -0.22 0.00	22.88 0.01 0.00	23.07 0.16 0.00	31.90 0.27 0.00	23.47 0.19 0.00	21.53 0.19 0.00	20.63 0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.80 0.75 0.00	19.48 0.67 0.00	16.04 0.48 0.00	14.81 0.43 0.00	15.07 0.44 0.00	17.50 0.57 0.00	20.59 0.72 0.00	23.18 0.85 0.00	24.50 0.93 0.00	24.01 0.93 0.00	22.72 0.87 0.00	25.66 0.99 0.00	28.75 0.94 0.00	32.06 1.22 0.00	27.23 1.06 0.00	25.92 1.03 0.00	29.52 1.15 0.01	34.24 1.33 0.06	23.83 0.96 0.00	23.84 0.93 0.00	32.92 1.29 0.00	24.22 0.94 0.00	22.18 0.84 0.00	21.30 0.81 0.01
VISCHER___FERRY HYD 24020	21.99 0.93 0.00	19.67 0.86 0.00	16.22 0.66 0.00	14.97 0.60 0.00	15.23 0.61 0.00	17.62 0.69 0.00	20.72 0.85 0.00	23.19 0.85 0.00	24.45 0.88 0.00	23.96 0.88 0.00	22.78 0.93 0.00	25.68 1.02 0.00	28.93 1.11 0.00	32.17 1.33 0.00	27.22 1.05 0.00	25.72 0.83 0.00	29.49 1.11 0.00	34.24 1.27 0.00	23.83 0.96 0.00	24.02 1.11 0.00	33.11 1.48 0.00	24.39 1.11 0.00	22.40 1.06 0.00	21.47 0.97 0.00
V_A_10_SYNC_DSASP 323832	20.84 -0.22 0.00	18.49 -0.32 0.00	15.05 -0.52 0.00	13.89 -0.48 0.00	14.18 -0.44 0.00	16.50 -0.43 0.00	19.30 -0.57 0.00	21.99 -0.34 0.00	23.24 -0.32 0.02	22.84 -0.20 0.04	21.55 -0.30 0.00	22.55 -0.27 1.85	24.62 -0.51 2.69	26.59 -0.86 3.41	23.76 -0.60 1.80	22.94 -0.46 1.48	25.68 -0.68 2.01	23.42 -1.00 8.55	21.29 -0.62 0.96	21.06 -0.76 1.09	24.40 -0.92 6.31	21.36 -0.63 1.29	19.42 -0.53 1.38	19.78 -0.27 0.45
V_CMM_10_SYNC_DSASP 323787	20.95 -0.10 0.00	18.70 -0.11 0.00	15.59 0.03 0.00	14.42 0.05 0.00	14.70 0.07 0.00	16.97 0.04 0.00	19.94 0.06 0.00	22.33 -0.01 0.00	23.48 -0.09 0.00	22.94 -0.14 0.00	21.66 -0.20 0.00	24.43 -0.24 0.00	27.57 -0.24 0.00	30.57 -0.28 0.00	25.87 -0.30 0.00	24.62 -0.28 0.00	28.08 -0.30 0.00	32.60 -0.37 0.00	22.46 -0.41 0.00	22.48 -0.43 0.00	30.98 -0.65 0.00	22.78 -0.49 0.00	20.91 -0.43 0.00	20.10 -0.39 0.00
V_CMP_10_SYNC_DSASP 323788	21.83 0.77 0.00	19.54 0.73 0.00	16.23 0.67 0.00	15.01 0.64 0.00	15.27 0.64 0.00	17.62 0.69 0.00	20.70 0.82 0.00	23.10 0.76 0.00	24.18 0.61 0.00	23.56 0.48 0.00	22.19 0.33 0.00	25.13 0.46 0.00	28.27 0.45 0.00	31.53 0.69 0.00	26.49 0.32 0.00	24.61 -0.28 0.00	29.05 0.67 0.00	34.07 1.10 0.00	23.60 0.73 0.00	23.58 0.67 0.00	32.28 0.65 0.00	23.60 0.33 0.00	21.60 0.27 0.00	20.53 0.03 0.00
V_E_10_SYNC_DSASP 323830	22.01 0.95 0.00	19.61 0.80 0.00	16.13 0.56 0.00	15.04 0.66 0.00	15.34 0.71 0.00	17.95 1.02 0.00	21.22 1.34 0.00	24.08 1.75 0.00	25.01 1.44 0.00	24.36 1.29 0.01	22.88 1.02 0.00	25.54 1.21 0.35	28.68 1.37 0.50	31.49 1.28 0.63	26.86 1.03 0.34	25.67 1.06 0.28	29.79 1.78 0.38	33.56 2.19 1.60	24.45 1.76 0.18	24.59 1.88 0.20	33.14 2.68 1.17	24.97 1.94 0.24	22.77 1.69 0.25	21.92 1.51 0.08
V_F_30_NSYNC___DSASP 323816	22.37 1.32 0.00	20.00 1.19 0.00	16.48 0.92 0.00	15.20 0.83 0.00	15.48 0.85 0.00	17.93 1.00 0.00	21.11 1.24 0.00	23.65 1.31 0.00	24.94 1.37 0.00	24.42 1.34 0.00	23.20 1.34 0.00	26.19 1.52 0.00	29.48 1.66 0.00	32.80 1.95 0.00	27.73 1.56 0.00	26.25 1.36 0.00	30.17 1.79 0.00	35.11 2.14 0.00	24.41 1.54 0.00	24.59 1.68 0.00	33.89 2.26 0.00	24.96 1.69 0.00	22.87 1.54 0.00	21.91 1.42 0.00
V_F_30_SYNC_DSASP 323786	21.59 0.53 0.00	19.31 0.50 0.00	15.94 0.37 0.00	14.74 0.37 0.00	14.99 0.36 0.00	17.29 0.36 0.00	20.29 0.42 0.00	22.70 0.37 0.00	23.97 0.40 0.00	23.51 0.42 0.00	22.36 0.50 0.00	25.23 0.56 0.00	28.41 0.60 0.00	31.61 0.76 0.00	26.82 0.65 0.00	25.41 0.52 0.00	29.11 0.73 0.00	33.86 0.88 0.00	23.55 0.67 0.00	23.66 0.75 0.00	32.60 0.97 0.00	24.01 0.73 0.00	22.04 0.70 0.00	21.10 0.60 0.00
V_XM_10_SYNC_DSASP 323789	21.83 0.77 0.00	19.54 0.73 0.00	16.23 0.67 0.00	15.01 0.64 0.00	15.27 0.64 0.00	17.62 0.69 0.00	20.70 0.82 0.00	23.10 0.76 0.00	24.18 0.61 0.00	23.56 0.48 0.00	22.19 0.33 0.00	25.13 0.46 0.00	28.27 0.45 0.00	31.53 0.69 0.00	26.49 0.32 0.00	24.61 -0.28 0.00	29.05 0.67 0.00	34.07 1.10 0.00	23.60 0.73 0.00	23.58 0.67 0.00	32.28 0.65 0.00	23.60 0.33 0.00	21.60 0.27 0.00	20.53 0.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.14 1.08 0.00	19.80 0.99 0.00	16.32 0.75 0.00	15.01 0.64 0.00	15.25 0.62 0.00	17.70 0.77 0.00	20.83 0.96 0.00	23.43 1.09 0.00	24.83 1.26 0.00	24.44 1.36 0.00	23.26 1.40 0.00	26.32 1.65 0.00	29.70 1.89 0.00	33.03 2.19 0.00	28.12 1.96 0.00	26.77 1.88 0.00	30.53 2.15 0.00	35.39 2.42 0.00	24.53 1.66 0.00	24.46 1.55 0.00	33.67 2.04 0.00	24.81 1.53 0.00	22.68 1.34 0.00	21.76 1.27 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.22 1.16 0.00	19.95 1.14 0.00	16.38 0.81 0.00	15.05 0.68 0.00	15.30 0.67 0.00	17.76 0.83 0.00	21.02 1.15 0.00	23.68 1.34 0.00	25.11 1.54 0.00	24.76 1.68 0.00	23.57 1.72 0.00	26.70 2.03 0.00	30.10 2.29 0.00	33.44 2.60 0.00	28.49 2.32 0.00	27.12 2.24 0.00	30.96 2.57 0.00	35.94 2.97 0.00	24.89 2.01 0.00	24.79 1.88 0.00	34.08 2.45 0.00	25.03 1.75 0.00	22.83 1.49 0.00	21.90 1.40 0.00
W50THST__13_KV_LOAD 356117	22.33 1.27 0.00	19.99 1.18 0.00	16.45 0.89 0.00	15.14 0.77 0.00	15.42 0.79 0.00	17.91 0.98 0.00	21.06 1.19 0.00	23.66 1.33 0.00	25.12 1.55 0.00	24.76 1.68 0.00	23.57 1.71 0.00	26.69 2.02 0.00	30.10 2.28 0.00	33.44 2.60 0.00	28.49 2.32 0.00	27.12 2.23 0.00	30.95 2.57 0.00	35.93 2.96 0.00	24.88 2.01 0.00	24.79 1.88 0.00	34.06 2.43 0.00	25.10 1.82 0.00	22.95 1.61 0.00	22.01 1.51 0.00
WADING RIVER_IC_1 23522	18.77 0.99 3.28	18.11 0.96 1.66	16.35 0.78 0.00	15.08 0.71 0.00	15.21 0.59 0.00	17.65 0.72 0.00	20.65 0.78 0.00	20.32 0.64 2.65	21.21 0.71 3.08	17.48 0.89 6.49	26.77 1.23 -3.69	32.61 1.46 -6.48	27.09 1.42 2.13	29.86 1.89 2.87	27.49 1.50 0.17	27.50 1.68 -0.94	28.49 2.10 1.98	34.51 2.14 0.60	24.50 1.63 0.00	24.23 1.32 0.00	33.39 1.76 0.00	35.22 1.64 -10.30	41.86 1.51 -19.02	46.54 1.42 -24.62
WADING RIVER_IC_2 23547	18.77 0.99 3.28	18.11 0.96 1.66	16.35 0.78 0.00	15.08 0.71 0.00	15.21 0.59 0.00	17.65 0.72 0.00	20.65 0.78 0.00	20.32 0.64 2.65	21.21 0.71 3.08	17.48 0.89 6.49	26.77 1.23 -3.69	32.61 1.46 -6.48	27.09 1.42 2.13	29.86 1.89 2.87	27.49 1.50 0.17	27.50 1.68 -0.94	28.49 2.10 1.98	34.51 2.14 0.60	24.50 1.63 0.00	24.23 1.32 0.00	33.39 1.76 0.00	35.22 1.64 -10.30	41.86 1.51 -19.02	46.54 1.42 -24.62
WADING RIVER_IC_3 23601	18.77 0.99 3.28	18.11 0.96 1.66	16.35 0.78 0.00	15.08 0.71 0.00	15.21 0.59 0.00	17.65 0.72 0.00	20.65 0.78 0.00	20.32 0.64 2.65	21.21 0.71 3.08	17.48 0.89 6.49	26.77 1.23 -3.69	32.61 1.46 -6.48	27.09 1.42 2.13	29.86 1.89 2.87	27.49 1.50 0.17	27.50 1.68 -0.94	28.49 2.10 1.98	34.51 2.14 0.60	24.50 1.63 0.00	24.23 1.32 0.00	33.39 1.76 0.00	35.22 1.64 -10.30	41.86 1.51 -19.02	46.54 1.42 -24.62
WALDENNY_12_KV_BK2 80841	21.14 0.09 0.00	18.74 -0.07 0.00	15.20 -0.37 0.00	14.05 -0.32 0.00	14.35 -0.28 0.00	16.71 -0.22 0.00	19.55 -0.32 0.00	22.34 0.01 0.00	23.65 0.10 0.02	23.27 0.22 0.04	21.91 0.06 0.00	23.25 0.17 1.59	25.44 -0.08 2.30	27.56 -0.37 2.91	24.46 -0.16 1.54	23.57 -0.05 1.27	26.43 -0.23 1.72	25.12 -0.55 7.30	21.76 -0.29 0.82	21.52 -0.46 0.93	25.79 -0.45 5.39	21.86 -0.31 1.11	19.90 -0.25 1.19	20.15 0.04 0.39
WALDEN__HYDRO 24148	22.16 1.11 0.00	19.81 1.00 0.00	16.30 0.74 0.00	15.00 0.62 0.00	15.24 0.61 0.00	17.68 0.75 0.00	20.83 0.95 0.00	23.38 1.04 0.00	24.73 1.16 0.00	24.31 1.23 0.00	23.07 1.22 0.00	26.13 1.46 0.00	29.40 1.59 0.00	32.76 1.92 0.00	27.90 1.73 0.00	26.57 1.68 0.00	30.36 1.98 0.00	35.29 2.32 0.00	24.49 1.62 0.00	24.48 1.57 0.00	33.72 2.09 0.00	24.84 1.57 0.00	22.71 1.37 0.00	21.78 1.29 0.00
WARRENSBURG____ 23737	22.63 1.57 0.00	20.24 1.43 0.00	16.67 1.10 0.00	15.38 1.01 0.00	15.67 1.04 0.00	18.16 1.23 0.00	21.41 1.53 0.00	23.99 1.65 0.00	25.32 1.75 0.00	24.79 1.71 0.00	23.50 1.65 0.00	26.53 1.86 0.00	29.90 2.09 0.00	33.33 2.48 0.00	28.06 1.89 0.00	26.56 1.67 0.00	30.69 2.31 0.00	35.82 2.85 0.00	24.87 1.99 0.00	25.08 2.17 0.00	34.48 2.85 0.00	25.46 2.18 0.00	23.31 1.98 0.00	22.31 1.82 0.00
WATERSIDE____6 8 9 23538	22.23 1.17 0.00	19.91 1.10 0.00	16.40 0.83 0.00	15.07 0.70 0.00	15.31 0.68 0.00	17.77 0.84 0.00	20.91 1.03 0.00	23.49 1.15 0.00	24.92 1.34 0.00	24.54 1.46 0.00	23.38 1.53 0.00	26.47 1.80 0.00	29.83 2.02 0.00	33.18 2.34 0.00	28.26 2.09 0.00	26.89 2.00 0.00	30.69 2.31 0.00	35.64 2.67 0.00	24.70 1.83 0.00	24.61 1.70 0.00	33.87 2.24 0.00	24.98 1.70 0.00	22.86 1.53 0.00	21.93 1.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.09 0.03 0.00	18.84 0.03 0.00	15.51 -0.06 0.00	14.32 -0.06 0.00	14.58 -0.05 0.00	16.90 -0.03 0.00	19.86 -0.01 0.00	22.32 -0.02 0.00	23.51 -0.06 0.00	23.05 -0.03 0.00	21.85 0.00 0.00	24.69 0.02 0.00	27.82 0.00 0.00	30.82 -0.02 0.00	26.13 -0.04 0.00	24.76 -0.13 0.00	28.28 -0.10 0.00	32.96 -0.01 0.00	22.97 0.09 0.00	23.11 0.20 0.00	31.95 0.32 0.00	23.51 0.24 0.00	21.54 0.20 0.00	20.64 0.15 0.00
WATSON____69_KV_BK 1 55734	20.40 1.57 2.23	19.13 1.46 1.13	16.74 1.18 0.00	15.39 1.02 0.00	15.58 0.95 0.00	18.08 1.15 0.00	21.18 1.31 0.00	21.83 1.29 1.80	22.88 1.41 2.09	20.22 1.56 4.42	29.33 1.88 -5.59	33.37 2.22 -6.48	28.77 2.28 1.33	31.85 2.80 1.79	28.45 2.40 0.12	28.90 2.40 -1.61	31.39 2.83 -0.18	35.53 2.97 0.41	25.05 2.18 0.00	24.81 1.90 0.00	34.25 2.62 0.00	35.85 2.27 -10.30	42.44 2.09 -19.02	47.09 1.97 -24.62
WDELAWARE__HYD 323627	21.59 0.53 0.00	19.31 0.50 0.00	15.90 0.33 0.00	14.61 0.24 0.00	14.85 0.22 0.00	17.25 0.32 0.00	20.31 0.43 0.00	22.81 0.47 0.00	24.15 0.58 0.00	23.73 0.65 0.00	22.47 0.61 0.00	25.40 0.74 0.00	28.49 0.68 0.00	31.87 1.02 0.00	27.17 1.00 0.00	25.95 1.05 0.00	29.63 1.24 0.00	34.44 1.46 0.00	23.90 1.03 0.00	23.86 0.95 0.00	32.86 1.23 0.00	24.20 0.93 0.00	22.11 0.78 0.00	21.21 0.72 0.00
WEST BABYLON__IC 23714	22.62 1.57 0.00	20.25 1.44 0.00	16.73 1.17 0.00	15.38 1.01 0.00	15.57 0.94 0.00	18.07 1.14 0.00	21.18 1.31 0.00	23.64 1.31 0.00	24.98 1.41 0.00	24.63 1.55 0.00	33.35 1.86 -9.63	33.31 2.16 -6.48	30.40 2.20 -0.39	34.01 2.66 -0.51	28.45 2.28 0.00	30.22 2.28 -3.05	35.83 2.67 -4.78	35.81 2.84 0.00	24.93 2.06 0.00	24.73 1.82 0.00	34.21 2.58 0.00	35.82 2.24 -10.30	42.41 2.06 -19.02	47.07 1.95 -24.62
WEST CANADA__HYD 24049	21.13 0.06 0.00	18.88 0.07 0.00	15.60 0.03 0.00	14.40 0.03 0.00	14.66 0.03 0.00	16.96 0.03 0.00	19.92 0.04 0.00	22.40 0.06 0.00	23.64 0.07 0.00	23.15 0.07 0.00	21.92 0.07 0.00	24.75 0.08 0.00	27.91 0.10 0.00	30.94 0.10 0.00	26.25 0.08 0.00	24.95 0.06 0.00	28.47 0.09 0.00	33.08 0.10 0.00	22.96 0.09 0.00	23.02 0.11 0.00	31.79 0.16 0.00	23.39 0.12 0.00	21.44 0.11 0.00	20.59 0.09 0.00
WESTERN_NY_WIND 24143	21.39 0.34 0.00	18.96 0.15 0.00	15.41 -0.15 0.00	14.23 -0.14 0.00	14.53 -0.10 0.00	16.94 0.02 0.00	19.82 -0.06 0.00	22.60 0.26 0.00	23.79 0.23 0.02	23.30 0.26 0.04	21.96 0.10 0.00	23.12 0.20 1.75	25.38 0.09 2.53	27.42 -0.22 3.20	24.49 0.02 1.70	23.67 0.18 1.40	26.55 0.07 1.90	24.79 -0.16 8.02	21.94 -0.03 0.90	21.71 -0.17 1.02	25.61 -0.10 5.92	22.03 -0.03 1.22	20.00 -0.03 1.30	20.29 0.22 0.43



WESTOVER___LESR 323668	21.28 0.22 0.00	18.99 0.18 0.00	15.58 0.02 0.00	14.41 0.04 0.00	14.65 0.02 0.00	17.05 0.12 0.00	20.06 0.18 0.00	22.72 0.39 0.00	24.05 0.49 0.00	23.56 0.49 0.01	22.22 0.36 0.00	24.66 0.46 0.47	27.62 0.48 0.67	30.48 0.49 0.85	26.22 0.50 0.45	24.98 0.46 0.37	28.41 0.53 0.50	31.38 0.55 2.14	23.03 0.40 0.24	23.01 0.37 0.27	30.66 0.61 1.57	23.33 0.38 0.32	21.31 0.32 0.34	20.69 0.30 0.11
WETHRSFD_WT_PWR 323626	20.99 -0.07 0.00	18.63 -0.18 0.00	15.12 -0.45 0.00	14.00 -0.38 0.00	14.26 -0.37 0.00	16.63 -0.29 0.00	19.53 -0.35 0.00	22.33 -0.01 0.00	23.66 0.10 0.01	23.20 0.15 0.03	21.75 -0.10 0.00	23.27 -0.01 1.39	25.64 -0.17 2.01	27.92 -0.38 2.55	24.69 -0.13 1.35	23.71 -0.07 1.11	26.68 -0.20 1.51	26.11 -0.47 6.39	21.89 -0.26 0.71	21.77 -0.33 0.81	26.71 -0.21 4.72	22.12 -0.19 0.97	20.13 -0.16 1.04	20.23 0.07 0.34
WHAVSTOR_138KV_BK127 55557	22.05 1.00 0.00	19.73 0.92 0.00	16.25 0.68 0.00	14.94 0.57 0.00	15.18 0.55 0.00	17.61 0.69 0.00	20.73 0.85 0.00	23.29 0.96 0.00	24.68 1.11 0.00	24.29 1.20 0.00	23.11 1.26 0.00	26.15 1.48 0.00	29.50 1.68 0.00	32.81 1.97 0.00	27.92 1.75 0.00	26.58 1.69 0.00	30.33 1.95 0.00	35.21 2.24 0.00	24.40 1.53 0.00	24.34 1.42 0.00	33.49 1.86 0.00	24.68 1.40 0.00	22.58 1.24 0.00	21.68 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.05 1.00 0.00	19.73 0.92 0.00	16.25 0.68 0.00	14.94 0.57 0.00	15.18 0.55 0.00	17.61 0.69 0.00	20.73 0.85 0.00	23.29 0.96 0.00	24.68 1.11 0.00	24.29 1.20 0.00	23.11 1.26 0.00	26.15 1.48 0.00	29.50 1.68 0.00	32.81 1.97 0.00	27.92 1.75 0.00	26.58 1.69 0.00	30.33 1.95 0.00	35.21 2.24 0.00	24.40 1.53 0.00	24.34 1.42 0.00	33.49 1.86 0.00	24.68 1.40 0.00	22.58 1.24 0.00	21.68 1.18 0.00
WHITEHAL_115KV_TB1 80871	22.86 1.80 0.00	20.55 1.74 0.00	16.92 1.36 0.00	15.63 1.26 0.00	15.92 1.29 0.00	18.46 1.54 0.00	21.81 1.93 0.00	24.35 2.01 0.00	25.71 2.14 0.00	25.13 2.05 0.00	23.86 2.00 0.00	26.95 2.28 0.00	30.37 2.56 0.00	34.25 3.40 0.00	28.80 2.63 0.00	27.17 2.28 0.00	31.71 3.33 0.00	36.67 3.70 0.00	25.58 2.71 0.00	25.75 2.84 0.00	35.46 3.83 0.00	26.13 2.86 0.00	23.99 2.66 0.00	23.01 2.52 0.00
WHITEPLN_13_KV_LOAD 356215	22.25 1.20 0.00	19.91 1.10 0.00	16.39 0.83 0.00	15.07 0.70 0.00	15.32 0.69 0.00	17.78 0.85 0.00	20.93 1.05 0.00	23.51 1.18 0.00	24.93 1.35 0.00	24.52 1.44 0.00	23.34 1.49 0.00	26.43 1.76 0.00	29.94 2.13 0.00	33.16 2.31 0.00	28.23 2.06 0.00	26.86 1.97 0.00	30.66 2.28 0.00	35.62 2.65 0.00	24.69 1.82 0.00	24.61 1.70 0.00	33.87 2.24 0.00	24.97 1.70 0.00	22.84 1.50 0.00	21.91 1.41 0.00
WM_FLOYD_69_KV_BK2 356380	19.04 1.20 3.22	18.33 1.15 1.63	16.50 0.94 0.00	15.20 0.82 0.00	15.35 0.72 0.00	17.81 0.88 0.00	20.84 0.96 0.00	20.61 0.88 2.60	21.49 0.93 3.02	17.81 1.10 6.36	27.07 1.41 -3.81	32.82 1.67 -6.48	27.40 1.67 2.08	30.23 2.19 2.81	27.81 1.81 0.17	27.76 1.89 -0.98	28.85 2.32 1.85	34.79 2.41 0.59	24.70 1.83 0.00	24.43 1.52 0.00	33.69 2.06 0.00	35.44 1.86 -10.30	42.08 1.72 -19.02	46.74 1.62 -24.62
WOODARD__115KV_TB2 355635	20.71 -0.34 0.00	18.49 -0.32 0.00	15.24 -0.33 0.00	14.07 -0.30 0.00	14.33 -0.30 0.00	16.62 -0.31 0.00	19.51 -0.36 0.00	22.02 -0.32 0.00	23.34 -0.23 0.00	22.86 -0.22 0.00	21.60 -0.25 0.00	24.40 -0.27 0.00	27.55 -0.26 0.00	30.51 -0.33 0.00	25.94 -0.23 0.00	24.67 -0.22 0.00	28.10 -0.25 0.03	32.55 -0.30 0.13	22.73 -0.14 0.00	22.76 -0.15 0.00	31.50 -0.13 0.00	23.17 -0.11 0.00	21.19 -0.14 0.00	20.30 -0.18 0.01
YORK___WARBASSE 23770	22.31 1.26 0.00	19.98 1.17 0.00	16.44 0.88 0.00	15.12 0.74 0.00	15.39 0.76 0.00	17.87 0.94 0.00	20.95 1.08 0.00	23.52 1.19 0.00	24.94 1.37 0.00	24.55 1.47 0.00	23.42 1.57 0.00	26.52 1.85 0.00	29.91 2.09 0.00	33.26 2.42 0.00	28.33 2.16 0.00	26.95 2.06 0.00	30.77 2.39 0.00	35.80 2.83 0.00	24.81 1.94 0.00	24.72 1.81 0.00	34.02 2.39 0.00	25.10 1.82 0.00	22.97 1.64 0.00	22.03 1.53 0.00