

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/12/2026

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	32.58	24.13	22.26	25.14	23.71	33.83	38.22	31.21	18.78	16.30	9.38	20.64	8.47	6.21	8.69	9.12	26.37	27.99	34.61	41.69	53.70	34.90	30.90	27.85
24138	0.85	0.64	0.55	0.55	0.54	0.79	0.95	0.92	0.74	0.71	0.40	0.97	0.41	0.32	0.50	0.57	1.65	1.70	2.01	1.91	2.86	1.99	1.77	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.55	24.10	22.22	25.12	23.67	33.80	38.19	31.18	18.72	16.22	9.34	20.55	8.44	6.18	8.65	9.07	26.25	27.91	34.53	41.68	53.70	34.93	30.92	27.84
24260	0.82	0.61	0.51	0.52	0.50	0.75	0.93	0.88	0.68	0.63	0.36	0.88	0.37	0.29	0.46	0.52	1.53	1.62	1.93	1.89	2.87	2.03	1.78	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.55	24.10	22.22	25.12	23.67	33.80	38.19	31.18	18.72	16.22	9.34	20.55	8.44	6.18	8.65	9.07	26.25	27.91	34.53	41.68	53.70	34.93	30.92	27.84
24261	0.82	0.61	0.51	0.52	0.50	0.75	0.93	0.88	0.68	0.63	0.36	0.88	0.37	0.29	0.46	0.52	1.53	1.62	1.93	1.89	2.87	2.03	1.78	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.28	24.67	22.88	25.95	24.47	35.01	39.39	31.89	18.73	16.07	9.16	20.25	8.27	6.00	8.34	8.70	25.40	26.99	33.76	41.64	53.14	34.54	30.64	27.60
24011	1.55	1.18	1.17	1.35	1.30	1.96	2.12	1.60	0.69	0.48	0.18	0.58	0.20	0.11	0.15	0.15	0.68	0.70	1.17	1.85	2.31	1.63	1.51	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.38	24.78	23.01	26.09	24.60	35.24	39.64	32.12	18.84	16.15	9.17	20.30	8.29	6.00	8.35	8.71	25.48	26.99	33.81	41.82	53.32	34.66	30.76	27.67
23798	1.65	1.29	1.30	1.50	1.43	2.19	2.37	1.83	0.80	0.56	0.19	0.63	0.22	0.12	0.16	0.15	0.76	0.70	1.21	2.04	2.49	1.75	1.62	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.28	24.67	22.88	25.95	24.47	35.01	39.39	31.89	18.73	16.07	9.16	20.25	8.											

ALBANY___2 23572	32.02 0.29 0.00	23.70 0.20 0.00	21.93 0.22 0.00	24.84 0.25 0.00	23.38 0.21 0.00	33.32 0.27 0.00	37.41 0.14 0.00	30.40 0.10 0.00	18.02 -0.03 0.00	15.57 -0.02 0.00	8.95 -0.04 0.00	19.74 0.07 0.00	8.09 0.03 0.00	5.91 0.03 0.00	8.22 0.03 0.00	8.60 0.05 0.00	24.93 0.21 0.00	26.46 0.17 0.00	32.77 0.18 0.00	39.80 0.02 0.00	50.74 -0.10 0.00	33.05 0.14 0.00	29.37 0.24 0.00	26.63 0.28 0.00
ALBANY___3 23573	32.02 0.29 0.00	23.70 0.20 0.00	21.93 0.22 0.00	24.84 0.25 0.00	23.38 0.21 0.00	33.32 0.27 0.00	37.41 0.14 0.00	30.40 0.10 0.00	18.02 -0.03 0.00	15.57 -0.02 0.00	8.95 -0.04 0.00	19.74 0.07 0.00	8.09 0.03 0.00	5.91 0.03 0.00	8.22 0.03 0.00	8.60 0.05 0.00	24.93 0.21 0.00	26.46 0.17 0.00	32.77 0.18 0.00	39.80 0.02 0.00	50.74 -0.10 0.00	33.05 0.14 0.00	29.37 0.24 0.00	26.63 0.28 0.00
ALBANY___4 23574	32.02 0.29 0.00	23.70 0.20 0.00	21.93 0.22 0.00	24.84 0.25 0.00	23.38 0.21 0.00	33.32 0.27 0.00	37.41 0.14 0.00	30.40 0.10 0.00	18.02 -0.03 0.00	15.57 -0.02 0.00	8.95 -0.04 0.00	19.74 0.07 0.00	8.09 0.03 0.00	5.91 0.03 0.00	8.22 0.03 0.00	8.60 0.05 0.00	24.93 0.21 0.00	26.46 0.17 0.00	32.77 0.18 0.00	39.80 0.02 0.00	50.74 -0.10 0.00	33.05 0.14 0.00	29.37 0.24 0.00	26.63 0.28 0.00
ALBANY___LFGE 323615	32.28 0.56 0.00	23.89 0.39 0.00	22.10 0.39 0.00	25.04 0.45 0.00	23.57 0.40 0.00	33.59 0.55 0.00	37.74 0.48 0.00	30.65 0.36 0.00	18.18 0.14 0.00	15.70 0.11 0.00	9.02 0.04 0.00	19.91 0.24 0.00	8.16 0.09 0.00	5.96 0.07 0.00	8.28 0.09 0.00	8.66 0.11 0.00	25.14 0.42 0.00	26.71 0.42 0.00	33.10 0.51 0.00	40.23 0.45 0.00	51.25 0.42 0.00	33.36 0.45 0.00	29.62 0.49 0.00	26.84 0.49 0.00
ALCOA_PA_115KV_PL-6C 55860	31.81 0.08 0.00	23.62 0.12 0.00	21.80 0.10 0.00	24.69 0.10 0.00	23.27 0.10 0.00	33.24 0.19 0.00	37.49 0.22 0.00	30.48 0.18 0.00	18.19 0.15 0.00	15.69 0.10 0.00	9.05 0.07 0.00	19.77 0.10 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.18 -0.01 0.00	8.56 0.00 0.00	24.75 0.03 0.00	26.27 -0.02 0.00	32.53 -0.06 0.00	39.93 0.15 0.00	51.15 0.32 0.00	33.01 0.10 0.00	29.23 0.10 0.00	26.45 0.10 0.00
ALCOA_RYNLDS___DRP 24188	31.81 0.08 0.00	23.62 0.12 0.00	21.80 0.10 0.00	24.69 0.10 0.00	23.27 0.10 0.00	33.24 0.19 0.00	37.48 0.22 0.00	30.48 0.18 0.00	18.19 0.15 0.00	15.69 0.10 0.00	9.05 0.07 0.00	19.77 0.10 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.18 -0.01 0.00	8.56 0.00 0.00	24.75 0.03 0.00	26.26 -0.03 0.00	32.53 -0.06 0.00	39.93 0.15 0.00	51.15 0.32 0.00	33.01 0.10 0.00	29.23 0.10 0.00	26.45 0.10 0.00
ALCOA___DSASP 323711	31.81 0.08 0.00	23.62 0.12 0.00	21.80 0.10 0.00	24.69 0.10 0.00	23.27 0.10 0.00	33.24 0.19 0.00	37.48 0.22 0.00	30.48 0.18 0.00	18.19 0.15 0.00	15.69 0.10 0.00	9.05 0.07 0.00	19.77 0.10 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.18 -0.01 0.00	8.56 0.00 0.00	24.75 0.03 0.00	26.26 -0.03 0.00	32.53 -0.06 0.00	39.93 0.15 0.00	51.15 0.32 0.00	33.01 0.10 0.00	29.23 0.10 0.00	26.45 0.10 0.00
ALLEGHENY___COGEN 23514	32.86 1.14 0.00	24.18 0.69 0.00	22.36 0.66 0.00	25.47 0.87 0.00	23.96 0.80 0.00	34.23 1.18 0.00	38.75 1.48 0.00	31.20 0.91 0.00	18.16 0.11 0.00	15.76 0.17 0.00	9.20 0.22 0.00	19.68 0.01 0.00	8.13 0.06 0.00	5.89 0.01 0.00	8.19 0.00 0.00	8.50 -0.05 0.00	24.55 -0.17 0.00	27.10 -0.02 -0.82	35.64 0.24 -2.80	40.90 1.12 0.00	52.67 1.84 0.00	33.80 0.89 0.00	29.60 0.47 0.00	26.70 0.35 0.00
ALTAMONT_115KV_TB 2 55880	32.19 0.46 0.00	23.82 0.33 0.00	22.03 0.32 0.00	24.95 0.36 0.00	23.50 0.33 0.00	33.51 0.46 0.00	37.69 0.43 0.00	30.63 0.33 0.00	18.21 0.17 0.00	15.73 0.13 0.00	9.03 0.05 0.00	19.90 0.23 0.00	8.17 0.10 0.00	5.96 0.08 0.00	8.31 0.12 0.00	8.69 0.13 0.00	25.14 0.42 0.00	26.72 0.42 0.00	33.12 0.52 0.00	40.30 0.51 0.00	51.48 0.65 0.00	33.45 0.54 0.00	29.68 0.55 0.00	26.83 0.48 0.00
ALTONA_WT_PWR 323606	31.94 0.22 0.00	23.62 0.13 0.00	21.86 0.15 0.00	24.76 0.17 0.00	23.32 0.15 0.00	33.29 0.24 0.00	37.62 0.35 0.00	30.70 0.40 0.00	18.28 0.24 0.00	15.77 0.18 0.00	9.09 0.11 0.00	19.88 0.21 0.00	8.13 0.06 0.00	5.92 0.04 0.00	8.23 0.04 0.00	8.59 0.04 0.00	24.90 0.18 0.00	26.44 0.14 0.00	32.74 0.14 0.00	40.12 0.34 0.00	51.37 0.54 0.00	33.22 0.31 0.00	29.41 0.28 0.00	26.52 0.17 0.00
AMERICAN_REF_FUEL 24010	30.53 -1.19 0.00	22.51 -0.98 0.00	20.78 -0.93 0.00	23.62 -0.97 0.00	22.18 -0.98 0.00	31.26 -1.79 0.00	34.93 -2.34 0.00	28.75 -1.55 0.00	17.39 -0.65 0.00	15.29 -0.31 0.00	9.07 0.09 0.00	19.16 -0.51 0.00	7.91 -0.15 0.00	5.74 -0.15 0.00	7.96 -0.23 0.00	8.26 -0.29 0.00	23.48 -1.24 0.00	25.13 -1.89 -0.73	32.35 -2.72 -2.48	36.87 -2.92 0.00	47.12 -3.71 0.00	30.09 -2.82 0.00	26.49 -2.64 0.00	24.38 -1.98 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.02 0.30 0.00	23.53 0.03 0.00	21.77 0.06 0.00	24.77 0.18 0.00	23.23 0.06 0.00	32.86 -0.18 0.00	37.16 -0.11 0.00	30.33 0.04 0.00	18.18 0.13 0.00	15.93 0.33 0.00	9.35 0.37 0.00	19.83 0.16 0.00	8.26 0.20 0.00	5.96 0.08 0.00	8.30 0.11 0.00	8.61 0.05 0.00	24.65 -0.07 0.00	26.69 -0.35 -0.75	34.60 -0.56 -2.56	39.52 -0.26 0.00	50.38 -0.45 0.00	31.53 -1.38 0.00	26.94 -2.19 0.00	24.48 -1.87 0.00
ARTHUR KILL_GT_1 23520	32.65 0.93 0.00	24.21 0.71 0.00	22.28 0.58 0.00	25.16 0.57 0.00	23.69 0.52 0.00	33.74 0.69 0.00	38.03 0.76 0.00	31.04 0.74 0.00	18.60 0.55 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.36 0.69 0.00	8.36 0.29 0.00	6.13 0.25 0.00	8.62 0.43 0.00	9.04 0.49 0.00	26.11 1.39 0.00	27.78 1.49 0.00	34.42 1.83 0.00	41.56 1.78 0.00	53.56 2.73 0.00	34.92 2.02 0.00	30.88 1.75 0.00	27.83 1.48 0.00
ARTHUR_KILL_2 23512	32.55 0.83 0.00	24.13 0.64 0.00	22.22 0.52 0.00	25.10 0.51 0.00	23.63 0.46 0.00	33.65 0.60 0.00	37.90 0.64 0.00	30.96 0.66 0.00	18.56 0.51 0.00	16.06 0.47 0.00	9.24 0.26 0.00	20.32 0.65 0.00	8.34 0.28 0.00	6.12 0.24 0.00	8.60 0.41 0.00	9.03 0.47 0.00	26.06 1.34 0.00	27.74 1.45 0.00	34.34 1.75 0.00	41.46 1.68 0.00	53.42 2.59 0.00	34.83 1.93 0.00	30.80 1.66 0.00	27.76 1.41 0.00
ARTHUR_KILL_3 23513	32.25 0.53 0.00	23.89 0.40 0.00	22.04 0.33 0.00	24.91 0.32 0.00	23.47 0.30 0.00	33.50 0.46 0.00	37.81 0.55 0.00	30.88 0.58 0.00	18.53 0.48 0.00	16.04 0.45 0.00	9.24 0.26 0.00	20.33 0.66 0.00	8.34 0.28 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.99 0.43 0.00	25.98 1.27 0.00	27.62 1.32 0.00	34.17 1.58 0.00	41.25 1.47 0.00	53.17 2.34 0.00	34.58 1.67 0.00	30.59 1.46 0.00	27.57 1.22 0.00

ARTHUR_KILL_COGEN 323718	32.64 0.92 0.00	24.21 0.71 0.00	22.28 0.58 0.00	25.16 0.57 0.00	23.69 0.52 0.00	33.73 0.68 0.00	38.01 0.74 0.00	31.04 0.74 0.00	18.60 0.55 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.36 0.69 0.00	8.36 0.29 0.00	6.13 0.25 0.00	8.62 0.43 0.00	9.04 0.49 0.00	26.11 1.39 0.00	27.79 1.50 0.00	34.42 1.83 0.00	41.57 1.78 0.00	53.57 2.74 0.00	34.92 2.01 0.00	30.88 1.74 0.00	27.83 1.48 0.00
ASHOKAN____ 23654	32.40 0.67 0.00	23.95 0.45 0.00	22.12 0.41 0.00	25.04 0.45 0.00	23.62 0.45 0.00	33.78 0.73 0.00	38.17 0.90 0.00	31.07 0.77 0.00	18.46 0.42 0.00	15.88 0.29 0.00	9.09 0.11 0.00	20.06 0.40 0.00	8.21 0.14 0.00	5.99 0.11 0.00	8.36 0.17 0.00	8.77 0.21 0.00	25.41 0.69 0.00	27.10 0.81 0.00	33.77 1.17 0.00	41.05 1.27 0.00	52.70 1.87 0.00	34.17 1.26 0.00	30.17 1.03 0.00	27.18 0.82 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.66 0.90 -0.04	24.17 0.68 0.01	-264.88 0.59 287.18	25.17 0.59 0.01	23.73 0.57 0.01	33.95 0.84 -0.06	38.28 0.98 -0.03	31.30 0.93 -0.07	18.75 0.71 0.01	16.15 0.56 0.00	9.25 0.27 0.00	20.36 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.59 0.00	41.11 1.33 0.00	53.08 2.25 0.00	34.75 1.85 0.00	30.72 1.59 0.00	27.67 1.32 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.66 0.90 -0.04	24.17 0.68 0.01	-264.88 0.59 287.18	25.17 0.59 0.01	23.73 0.57 0.01	33.95 0.84 -0.06	38.28 0.98 -0.03	31.30 0.93 -0.07	18.74 0.71 0.01	16.15 0.56 0.00	9.25 0.27 0.00	20.36 0.69 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.59 0.00	41.11 1.33 0.00	53.08 2.25 0.00	34.75 1.85 0.00	30.72 1.59 0.00	27.67 1.32 0.00
ASTORIA_GT2_1 24094	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT2_2 24095	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT2_3 24096	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT2_4 24097	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT3_1 24098	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT3_2 24099	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT3_3 24100	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT3_4 24101	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT4_1 24102	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT4_2 24103	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT4_3 24104	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00

ASTORIA_GT4_4 24105	32.69 0.93 -0.04	24.16 0.68 0.02	-264.87 0.60 287.18	25.18 0.60 0.01	23.73 0.58 0.02	33.95 0.84 -0.06	38.33 1.03 -0.03	31.31 0.95 -0.06	18.75 0.71 0.01	16.15 0.57 0.01	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.63 1.34 0.00	34.19 1.60 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.87 0.00	30.74 1.61 0.00	27.68 1.33 0.00
ASTORIA_GT_1 23523	32.75 0.98 -0.04	24.21 0.73 0.02	-264.84 0.63 287.18	25.22 0.64 0.01	23.77 0.61 0.02	34.01 0.91 -0.06	38.39 1.09 -0.03	31.37 1.01 -0.06	18.79 0.75 0.01	16.18 0.60 0.01	9.27 0.29 0.00	20.41 0.74 0.00	8.37 0.31 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.02 0.47 0.00	26.09 1.37 0.00	27.68 1.39 0.00	34.26 1.66 0.00	41.22 1.44 0.00	53.22 2.39 0.00	34.84 1.93 0.00	30.79 1.66 0.00	27.72 1.37 0.00
ASTORIA_GT_10 24110	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.45 0.00	37.81 0.55 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.65 1.35 0.00	34.20 1.61 0.00	41.27 1.49 0.00	53.19 2.36 0.00	34.67 1.76 0.00	30.71 1.57 0.00	27.69 1.34 0.00
ASTORIA_GT_11 24225	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.45 0.00	37.81 0.55 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.65 1.35 0.00	34.20 1.61 0.00	41.27 1.49 0.00	53.19 2.36 0.00	34.67 1.76 0.00	30.71 1.57 0.00	27.69 1.34 0.00
ASTORIA_GT_12 24226	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.45 0.00	37.81 0.55 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.65 1.35 0.00	34.20 1.61 0.00	41.27 1.49 0.00	53.19 2.36 0.00	34.67 1.76 0.00	30.71 1.57 0.00	27.69 1.34 0.00
ASTORIA_GT_13 24227	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.45 0.00	37.81 0.55 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.65 1.35 0.00	34.20 1.61 0.00	41.27 1.49 0.00	53.19 2.36 0.00	34.67 1.76 0.00	30.71 1.57 0.00	27.69 1.34 0.00
ASTORIA_GT_5 24106	32.75 0.98 -0.04	24.21 0.73 0.02	-264.84 0.63 287.18	25.22 0.64 0.01	23.77 0.61 0.02	34.01 0.91 -0.06	38.39 1.09 -0.03	31.37 1.01 -0.06	18.79 0.75 0.01	16.18 0.60 0.01	9.27 0.29 0.00	20.41 0.74 0.00	8.37 0.31 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.02 0.47 0.00	26.09 1.37 0.00	27.68 1.39 0.00	34.26 1.66 0.00	41.22 1.44 0.00	53.22 2.39 0.00	34.84 1.93 0.00	30.79 1.66 0.00	27.72 1.37 0.00
ASTORIA_GT_7 24107	32.75 0.98 -0.04	24.21 0.73 0.02	-264.84 0.63 287.18	25.22 0.64 0.01	23.77 0.61 0.02	34.01 0.91 -0.06	38.39 1.09 -0.03	31.37 1.01 -0.06	18.79 0.75 0.01	16.18 0.60 0.01	9.27 0.29 0.00	20.41 0.74 0.00	8.37 0.31 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.02 0.47 0.00	26.09 1.37 0.00	27.68 1.39 0.00	34.26 1.66 0.00	41.22 1.44 0.00	53.22 2.39 0.00	34.84 1.93 0.00	30.79 1.66 0.00	27.72 1.37 0.00
ASTORIA_GT_8 24108	32.75 0.98 -0.04	24.21 0.73 0.02	-264.84 0.63 287.18	25.22 0.64 0.01	23.77 0.61 0.02	34.01 0.91 -0.06	38.39 1.09 -0.03	31.37 1.01 -0.06	18.79 0.75 0.01	16.18 0.60 0.01	9.27 0.29 0.00	20.41 0.74 0.00	8.37 0.31 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.02 0.47 0.00	26.09 1.37 0.00	27.68 1.39 0.00	34.26 1.66 0.00	41.22 1.44 0.00	53.22 2.39 0.00	34.84 1.93 0.00	30.79 1.66 0.00	27.72 1.37 0.00
ASTORIA___2 24149	32.68 0.91 -0.04	24.17 0.68 0.01	-264.87 0.60 287.18	25.19 0.60 0.01	23.74 0.58 0.01	33.97 0.86 -0.06	38.29 0.99 -0.03	31.31 0.95 -0.07	18.75 0.71 0.01	16.16 0.57 0.00	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.04 1.32 0.00	27.64 1.35 0.00	34.19 1.59 0.00	41.13 1.35 0.00	53.11 2.28 0.00	34.77 1.86 0.00	30.73 1.60 0.00	27.68 1.33 0.00
ASTORIA___3 23516	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.44 0.00	37.78 0.52 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.66 1.37 0.00	34.20 1.61 0.00	41.26 1.48 0.00	53.19 2.36 0.00	34.66 1.76 0.00	30.70 1.57 0.00	27.69 1.33 0.00
ASTORIA___4 23517	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.45 0.00	37.81 0.55 0.00	30.92 0.62 0.00	18.60 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.65 1.35 0.00	34.20 1.61 0.00	41.27 1.49 0.00	53.19 2.36 0.00	34.67 1.76 0.00	30.71 1.57 0.00	27.69 1.34 0.00
ASTORIA___5 23518	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.44 0.00	37.78 0.52 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.66 1.37 0.00	34.20 1.61 0.00	41.26 1.48 0.00	53.19 2.36 0.00	34.66 1.76 0.00	30.71 1.57 0.00	27.69 1.33 0.00
AST_ENERGY_2_CC3 323677	-18.32 0.58 50.63	23.91 0.43 0.02	-315.01 0.35 337.07	24.93 0.34 0.01	23.48 0.33 0.02	-9.45 0.49 42.99	1.55 0.60 36.31	-10.19 0.62 41.10	18.55 0.52 0.01	-72.97 0.49 89.05	-208.66 0.27 217.92	-79.62 0.70 99.99	8.35 0.29 0.00	-92.53 0.24 98.65	-90.08 0.38 98.65	-40.33 0.44 49.33	26.02 1.30 0.00	18.15 1.37 9.51	-65.77 1.62 99.99	-49.11 1.53 90.43	53.29 2.46 0.00	34.67 1.77 0.00	30.71 1.57 0.00	27.68 1.32 0.00
AST_ENERGY_2_CC4 323678	-18.32 0.58 50.63	23.91 0.43 0.02	-315.01 0.35 337.07	24.93 0.34 0.01	23.48 0.33 0.02	-9.45 0.49 42.99	1.55 0.60 36.31	-10.19 0.62 41.10	18.55 0.52 0.01	-72.97 0.49 89.05	-208.66 0.27 217.92	-79.62 0.70 99.99	8.35 0.29 0.00	-92.53 0.24 98.65	-90.08 0.38 98.65	-40.33 0.44 49.33	26.02 1.30 0.00	18.15 1.37 9.51	-65.77 1.62 99.99	-49.11 1.53 90.43	53.29 2.46 0.00	34.67 1.77 0.00	30.71 1.57 0.00	27.68 1.32 0.00

ATHENS_STG_1 23668	32.21 0.48 0.00	23.85 0.35 0.00	22.03 0.33 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.53 0.48 0.00	37.78 0.52 0.00	30.75 0.45 0.00	18.34 0.30 0.00	15.85 0.26 0.00	9.11 0.13 0.00	20.05 0.39 0.00	8.24 0.17 0.00	6.02 0.14 0.00	8.41 0.22 0.00	8.80 0.24 0.00	25.45 0.73 0.00	27.05 0.76 0.00	33.52 0.92 0.00	40.65 0.87 0.00	52.04 1.21 0.00	33.83 0.92 0.00	29.96 0.82 0.00	27.04 0.69 0.00
ATHENS_STG_2 23670	32.21 0.48 0.00	23.85 0.35 0.00	22.03 0.33 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.53 0.48 0.00	37.78 0.52 0.00	30.75 0.45 0.00	18.34 0.30 0.00	15.85 0.26 0.00	9.11 0.13 0.00	20.05 0.39 0.00	8.24 0.17 0.00	6.02 0.14 0.00	8.41 0.22 0.00	8.80 0.24 0.00	25.45 0.73 0.00	27.05 0.76 0.00	33.52 0.92 0.00	40.65 0.87 0.00	52.04 1.21 0.00	33.83 0.92 0.00	29.96 0.82 0.00	27.04 0.69 0.00
ATHENS_STG_3 23677	32.21 0.48 0.00	23.85 0.35 0.00	22.03 0.33 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.53 0.48 0.00	37.78 0.52 0.00	30.75 0.45 0.00	18.34 0.30 0.00	15.85 0.26 0.00	9.11 0.13 0.00	20.05 0.39 0.00	8.24 0.17 0.00	6.02 0.14 0.00	8.41 0.22 0.00	8.80 0.24 0.00	25.45 0.73 0.00	27.05 0.76 0.00	33.52 0.92 0.00	40.65 0.87 0.00	52.04 1.21 0.00	33.83 0.92 0.00	29.96 0.82 0.00	27.04 0.69 0.00
AUBURN___LFGE 323710	31.98 0.26 0.00	23.65 0.15 0.00	21.78 0.08 0.00	24.76 0.17 0.00	23.35 0.18 0.00	33.22 0.18 0.00	37.66 0.39 0.00	30.42 0.12 0.00	18.03 -0.02 0.00	15.57 -0.02 0.00	8.96 -0.02 0.00	19.50 -0.17 0.00	8.02 -0.05 0.00	5.86 -0.02 0.00	8.16 -0.03 0.00	8.50 -0.06 0.00	24.52 -0.20 0.00	28.06 -0.05 -1.81	38.89 0.17 -6.12	40.13 0.35 0.00	51.21 0.38 0.00	32.93 0.02 0.00	29.04 -0.10 0.00	26.36 0.00 0.00
BABYLON_RES_REC 323704	35.70 1.18 -2.79	24.29 0.80 0.00	22.33 0.62 0.00	25.24 0.65 0.00	23.81 0.64 0.00	34.15 1.10 0.00	38.58 1.32 0.00	31.56 1.07 -0.19	18.96 0.66 -0.25	16.11 0.50 -0.02	9.23 0.25 0.00	20.28 0.61 0.00	8.29 0.23 0.00	6.07 0.19 0.00	8.53 0.34 0.00	8.97 0.42 0.00	29.07 1.52 -2.83	28.01 1.67 -0.05	74.56 2.06 -39.90	94.69 2.24 -52.67	93.30 3.19 -39.28	63.93 2.17 -28.85	52.59 1.96 -21.50	32.12 1.68 -4.09
BALL_HILL_WT_PWR 323825	31.51 -0.21 0.00	23.16 -0.33 0.00	21.42 -0.28 0.00	24.37 -0.22 0.00	22.87 -0.30 0.00	32.32 -0.73 0.00	36.46 -0.81 0.00	29.84 -0.46 0.00	17.93 -0.12 0.00	15.71 0.12 0.00	9.25 0.27 0.00	19.60 -0.07 0.00	8.14 0.08 0.00	5.88 0.00 0.00	8.19 0.00 0.00	8.49 -0.06 0.00	24.31 -0.41 0.00	26.27 -0.77 -0.75	34.03 -1.11 -2.54	38.78 -1.01 0.00	49.46 -1.37 0.00	31.41 -1.49 0.00	27.34 -1.80 0.00	24.92 -1.44 0.00
BARON_WINDS___WT_PWR 323822	31.42 -0.31 0.00	23.09 -0.41 0.00	21.42 -0.29 0.00	24.40 -0.19 0.00	22.93 -0.24 0.00	32.54 -0.51 0.00	36.84 -0.43 0.00	29.83 -0.47 0.00	17.69 -0.35 0.00	15.45 -0.14 0.00	9.06 0.07 0.00	19.26 -0.40 0.00	8.03 -0.04 0.00	5.80 -0.09 0.00	8.08 -0.11 0.00	8.36 -0.20 0.00	24.07 -0.65 0.00	26.57 -0.59 -0.86	34.92 -0.62 -2.94	39.35 -0.43 0.00	50.08 -0.75 0.00	32.14 -0.76 0.00	28.23 -0.91 0.00	25.41 -0.94 0.00
BARRETT_IC_1 23704	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_10 23701	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_11 23702	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_12 23703	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_2 23705	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_3 23706	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_4 23707	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_5 23708	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88

BARRETT_IC_6 23709	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_7 23710	35.31 0.93 -2.66	24.13 0.64 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.68 0.52 0.00	33.87 0.82 0.00	38.14 0.87 0.00	30.97 0.68 0.00	18.61 0.57 0.00	16.05 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.81 1.47 -0.04	70.08 1.65 -35.84	88.89 1.59 -47.52	88.12 2.47 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_8 23711	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT_IC_9 23700	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT___1 23545	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BARRETT___2 23546	35.30 0.92 -2.66	24.13 0.63 0.00	22.21 0.51 0.00	25.11 0.52 0.00	23.69 0.51 0.00	33.86 0.81 0.00	38.12 0.86 0.00	30.97 0.67 0.00	18.61 0.57 0.00	16.06 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.97 0.42 0.00	28.83 1.41 -2.70	27.82 1.49 -0.04	70.09 1.66 -35.84	88.89 1.59 -47.52	88.11 2.46 -34.82	60.73 1.81 -26.02	51.14 1.61 -20.40	31.63 1.40 -3.88
BATAVIA__115KV_TB1 55881	31.75 0.03 0.00	23.42 -0.08 0.00	21.61 -0.10 0.00	24.56 -0.03 0.00	23.11 -0.06 0.00	32.76 -0.29 0.00	37.06 -0.20 0.00	30.38 0.08 0.00	18.04 0.00 0.00	15.66 0.07 0.00	9.19 0.21 0.00	19.52 -0.15 0.00	8.02 -0.05 0.00	5.81 -0.07 0.00	8.07 -0.12 0.00	8.39 -0.17 0.00	24.10 -0.63 0.00	26.25 -0.78 -0.73	34.00 -1.08 -2.49	39.01 -0.78 0.00	49.93 -0.90 0.00	31.93 -0.98 0.00	28.03 -1.11 0.00	25.61 -0.74 0.00
BAYONEEC___CTG1 323682	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG10 323750	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG2 323683	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG3 323684	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG4 323685	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG5 323686	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG6 323687	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG7 323688	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00

BAYONEEC___CTG8 323689	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYONEEC___CTG9 323749	32.35 0.62 0.00	23.96 0.47 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.59 0.55 0.00	37.92 0.66 0.00	30.97 0.67 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.07 1.35 0.00	27.71 1.42 0.00	34.28 1.68 0.00	41.37 1.59 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.71 1.57 0.00	27.68 1.32 0.00
BAYPORT_69_KV_BK 2 356364	35.77 1.49 -2.55	24.47 0.98 0.00	22.45 0.75 0.00	25.37 0.78 0.00	23.95 0.78 0.00	34.44 1.39 0.00	38.97 1.70 0.00	32.88 1.42 -1.17	20.47 0.85 -1.58	16.36 0.65 -0.12	9.30 0.32 0.00	20.42 0.75 0.00	8.34 0.27 0.00	6.10 0.22 0.00	8.57 0.38 0.00	9.02 0.46 0.00	29.03 1.72 -2.59	28.27 1.94 -0.04	83.07 2.53 -47.94	104.70 2.88 -62.04	104.59 3.99 -49.77	69.16 2.62 -33.63	51.14 2.32 -19.69	32.08 1.99 -3.75
BEACON___LESR 323632	32.38 0.65 0.00	23.97 0.47 0.00	22.18 0.48 0.00	25.13 0.54 0.00	23.66 0.49 0.00	33.74 0.69 0.00	37.94 0.67 0.00	30.81 0.51 0.00	18.25 0.20 0.00	15.75 0.16 0.00	9.04 0.06 0.00	19.94 0.28 0.00	8.17 0.11 0.00	5.96 0.08 0.00	8.30 0.11 0.00	8.68 0.12 0.00	25.18 0.46 0.00	26.79 0.49 0.00	33.21 0.61 0.00	40.38 0.60 0.00	51.47 0.64 0.00	33.51 0.60 0.00	29.74 0.61 0.00	26.94 0.59 0.00
BEAVER RIVER___HYD 24048	31.58 -0.14 0.00	23.36 -0.14 0.00	21.48 -0.22 0.00	24.32 -0.27 0.00	22.97 -0.20 0.00	32.89 -0.15 0.00	37.17 -0.10 0.00	29.74 -0.56 0.00	17.44 -0.61 0.00	14.97 -0.62 0.00	8.59 -0.39 0.00	18.77 -0.90 0.00	7.66 -0.40 0.00	5.57 -0.31 0.00	7.74 -0.45 0.00	8.07 -0.48 0.00	23.30 -1.42 0.00	26.24 -1.23 -1.19	35.85 -0.74 -3.99	39.73 -0.05 0.00	50.83 0.00 0.00	32.69 -0.22 0.00	29.03 -0.10 0.00	26.13 -0.22 0.00
BEEBEE_GT_13 23619	31.49 -0.23 0.00	23.24 -0.26 0.00	21.45 -0.26 0.00	24.36 -0.23 0.00	22.93 -0.24 0.00	32.67 -0.38 0.00	36.87 -0.39 0.00	30.11 -0.19 0.00	17.97 -0.07 0.00	15.63 0.04 0.00	9.10 0.11 0.00	19.59 -0.08 0.00	8.05 -0.01 0.00	5.85 -0.04 0.00	8.12 -0.07 0.00	8.47 -0.09 0.00	24.44 -0.28 -0.73	26.64 -0.37 -2.46	34.54 -0.51 0.00	39.34 -0.44 0.00	50.25 -0.58 0.00	32.27 -0.63 0.00	28.38 -0.75 0.00	25.77 -0.58 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.60 0.88 0.00	24.16 0.67 0.00	22.26 0.56 0.00	25.15 0.56 0.00	23.69 0.52 0.00	33.76 0.71 0.00	38.14 0.88 0.00	31.17 0.87 0.00	18.71 0.66 0.00	16.19 0.60 0.00	9.32 0.34 0.00	20.50 0.84 0.00	8.42 0.35 0.00	6.17 0.29 0.00	8.65 0.46 0.00	9.08 0.52 0.00	26.24 1.52 0.00	27.88 1.58 0.00	34.52 1.93 0.00	41.70 1.91 0.00	53.74 2.91 0.00	35.01 2.10 0.00	30.95 1.82 0.00	27.88 1.53 0.00
BETHLEHEM___GRP 23843	32.02 0.29 0.00	23.70 0.20 0.00	21.93 0.22 0.00	24.84 0.25 0.00	23.38 0.21 0.00	33.32 0.27 0.00	37.41 0.14 0.00	30.40 0.10 0.00	18.02 -0.03 0.00	15.57 -0.02 0.00	8.95 -0.04 0.00	19.74 0.07 0.00	8.09 0.03 0.00	5.91 0.03 0.00	8.22 0.03 0.00	8.60 0.05 0.00	24.93 0.21 0.00	26.46 0.17 0.00	32.77 0.18 0.00	39.80 0.02 0.00	50.74 -0.10 0.00	33.05 0.14 0.00	29.37 0.24 0.00	26.63 0.28 0.00
BETHLEHEM___GS1 323560	32.01 0.29 0.00	23.70 0.20 0.00	21.93 0.22 0.00	24.84 0.25 0.00	23.38 0.21 0.00	33.32 0.27 0.00	37.41 0.15 0.00	30.40 0.10 0.00	18.02 -0.03 0.00	15.57 -0.02 0.00	8.95 -0.04 0.00	19.74 0.07 0.00	8.09 0.03 0.00	5.91 0.03 0.00	8.22 0.03 0.00	8.60 0.05 0.00	24.93 0.21 0.00	26.47 0.17 0.00	32.77 0.18 0.00	39.81 0.02 0.00	50.72 -0.11 0.00	33.05 0.14 0.00	29.37 0.24 0.00	26.63 0.28 0.00
BETHLEHEM___GS2 323561	32.01 0.29 0.00	23.70 0.20 0.00	21.93 0.22 0.00	24.84 0.25 0.00	23.38 0.21 0.00	33.32 0.27 0.00	37.41 0.15 0.00	30.40 0.10 0.00	18.02 -0.03 0.00	15.57 -0.02 0.00	8.95 -0.04 0.00	19.74 0.07 0.00	8.09 0.03 0.00	5.91 0.03 0.00	8.22 0.03 0.00	8.60 0.05 0.00	24.93 0.21 0.00	26.47 0.17 0.00	32.77 0.18 0.00	39.81 0.02 0.00	50.72 -0.11 0.00	33.05 0.14 0.00	29.37 0.24 0.00	26.63 0.28 0.00
BETHLEHEM___GS3 323562	32.01 0.29 0.00	23.70 0.20 0.00	21.93 0.22 0.00	24.84 0.25 0.00	23.38 0.21 0.00	33.32 0.27 0.00	37.41 0.15 0.00	30.40 0.10 0.00	18.02 -0.03 0.00	15.57 -0.02 0.00	8.95 -0.04 0.00	19.74 0.07 0.00	8.09 0.03 0.00	5.91 0.03 0.00	8.22 0.03 0.00	8.60 0.05 0.00	24.93 0.21 0.00	26.47 0.17 0.00	32.77 0.18 0.00	39.81 0.02 0.00	50.72 -0.11 0.00	33.05 0.14 0.00	29.37 0.24 0.00	26.63 0.28 0.00
BETHLEHEM___STEEL 23779	31.27 -0.46 0.00	23.02 -0.47 0.00	21.27 -0.44 0.00	24.19 -0.40 0.00	22.70 -0.47 0.00	32.05 -1.00 0.00	36.07 -1.20 0.00	29.63 -0.67 0.00	17.86 -0.18 0.00	15.66 0.07 0.00	9.23 0.25 0.00	19.51 -0.16 0.00	8.08 0.01 0.00	5.85 -0.04 0.00	8.13 -0.06 0.00	8.43 -0.12 0.00	24.13 -0.59 0.00	26.06 -0.98 -0.74	33.66 -1.47 -2.53	38.36 -1.42 0.00	48.95 -1.88 0.00	31.25 -1.66 0.00	27.40 -1.73 0.00	25.00 -1.35 0.00
BETHLHEM_115KV_TB1 79974	32.05 0.33 0.00	23.72 0.23 0.00	21.95 0.24 0.00	24.86 0.27 0.00	23.40 0.23 0.00	33.35 0.30 0.00	37.46 0.20 0.00	30.44 0.15 0.00	18.06 0.02 0.00	15.61 0.02 0.00	8.97 -0.01 0.00	19.78 0.11 0.00	8.11 0.04 0.00	5.92 0.04 0.00	8.24 0.05 0.00	8.62 0.07 0.00	24.98 0.26 0.00	26.52 0.23 0.00	32.85 0.26 0.00	39.91 0.13 0.00	50.90 0.07 0.00	33.14 0.23 0.00	29.43 0.30 0.00	26.67 0.32 0.00
BETHPAGE_CC_5 323564	35.86 1.19 -2.94	24.31 0.81 0.00	22.36 0.66 0.00	25.27 0.68 0.00	23.85 0.67 0.00	34.16 1.11 0.00	38.58 1.31 0.00	31.37 1.08 0.00	18.74 0.70 0.00	16.14 0.55 0.00	9.27 0.29 0.00	20.38 0.71 0.00	8.33 0.26 0.00	6.10 0.21 0.00	8.58 0.38 0.00	9.02 0.46 0.00	29.31 1.60 -2.99	28.08 1.74 -0.05	74.51 2.10 -39.80	94.83 2.25 -52.80	92.67 3.15 -38.68	63.99 2.17 -28.90	53.74 1.94 -22.67	32.33 1.67 -4.31
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.30 -0.42 0.00	23.04 -0.45 0.00	21.29 -0.42 0.00	24.22 -0.38 0.00	22.73 -0.44 0.00	32.10 -0.95 0.00	36.11 -1.15 0.00	29.66 -0.63 0.00	17.88 -0.16 0.00	15.68 0.09 0.00	9.24 0.26 0.00	19.53 -0.14 0.00	8.09 0.02 0.00	5.85 -0.03 0.00	8.13 -0.06 0.00	8.44 -0.11 0.00	24.17 -0.55 0.00	26.10 -0.94 -0.75	33.72 -1.41 -2.54	38.42 -1.37 0.00	49.03 -1.80 0.00	31.30 -1.61 0.00	27.45 -1.68 0.00	25.03 -1.32 0.00

BINGHAMTON___COGEN 23790	31.95 0.22 0.00	23.62 0.13 0.00	21.84 0.14 0.00	24.76 0.17 0.00	23.34 0.17 0.00	33.29 0.24 0.00	37.61 0.35 0.00	30.54 0.24 0.00	18.12 0.08 0.00	15.66 0.07 0.00	9.04 0.06 0.00	19.72 0.05 0.00	8.12 0.05 0.00	5.91 0.03 0.00	8.23 0.04 0.00	8.58 0.03 0.00	24.78 0.06 0.00	27.39 0.15 -0.95	36.22 0.37 -3.25	40.20 0.42 0.00	51.25 0.41 0.00	33.15 0.24 0.00	29.25 0.12 0.00	26.44 0.08 0.00
BIXINCNT_115KV_LOAD 355685	31.64 -0.09 0.00	23.28 -0.21 0.00	21.54 -0.17 0.00	24.51 -0.09 0.00	23.00 -0.16 0.00	32.64 -0.40 0.00	37.55 0.28 0.00	30.67 0.37 0.00	18.29 0.25 0.00	15.98 0.39 0.00	9.36 0.38 0.00	19.91 0.24 0.00	8.25 0.19 0.00	5.97 0.08 0.00	8.32 0.13 0.00	8.62 0.07 0.00	24.76 0.04 0.00	26.87 -0.19 -0.77	34.91 -0.31 -2.62	39.41 -0.37 0.00	50.21 -0.62 0.00	32.28 -0.63 0.00	28.17 -0.97 0.00	24.58 -1.78 0.00
BLACK RIVER___HYD 24047	31.61 -0.11 0.00	23.32 -0.17 0.00	21.44 -0.27 0.00	24.28 -0.30 0.00	22.95 -0.22 0.00	32.87 -0.18 0.00	37.23 -0.03 0.00	29.70 -0.59 0.00	17.39 -0.65 0.00	14.92 -0.67 0.00	8.57 -0.41 0.00	18.71 -0.96 0.00	7.64 -0.43 0.00	5.56 -0.33 0.00	7.72 -0.47 0.00	8.03 -0.52 0.00	23.19 -1.53 0.00	26.74 -1.28 -1.73	37.71 -0.70 -5.81	39.93 0.15 0.00	51.00 0.17 0.00	32.71 -0.20 0.00	29.00 -0.13 0.00	26.13 -0.22 0.00
BLACKRVR_115KV_TB2 79977	31.61 -0.11 0.00	23.32 -0.17 0.00	21.44 -0.27 0.00	24.28 -0.31 0.00	22.95 -0.22 0.00	32.87 -0.18 0.00	37.23 -0.03 0.00	29.70 -0.59 0.00	17.39 -0.65 0.00	14.92 -0.67 0.00	8.57 -0.41 0.00	18.71 -0.96 0.00	7.64 -0.43 0.00	5.56 -0.33 0.00	7.72 -0.47 0.00	8.03 -0.52 0.00	23.19 -1.53 0.00	26.75 -1.27 -1.73	37.71 -0.70 -5.81	39.93 0.15 0.00	51.00 0.17 0.00	32.70 -0.20 0.00	29.00 -0.13 0.00	26.13 -0.22 0.00
BLISS_WT_PWR 323608	31.70 -0.03 0.00	23.31 -0.18 0.00	21.56 -0.15 0.00	24.53 -0.06 0.00	23.02 -0.14 0.00	32.70 -0.34 0.00	37.62 0.35 0.00	30.70 0.41 0.00	18.31 0.27 0.00	16.00 0.41 0.00	9.37 0.39 0.00	19.93 0.27 0.00	8.26 0.19 0.00	5.97 0.09 0.00	8.32 0.13 0.00	8.63 0.07 0.00	24.76 0.04 0.00	26.85 -0.21 -0.77	34.92 -0.29 -2.62	39.39 -0.39 0.00	50.23 -0.61 0.00	32.29 -0.62 0.00	28.16 -0.98 0.00	24.43 -1.92 0.00
BLUESTONE___WT_PWR 323821	32.87 1.15 0.00	24.44 0.94 0.00	22.61 0.90 0.00	25.63 1.04 0.00	24.26 1.09 0.00	34.84 1.80 0.00	39.58 2.32 0.00	31.98 1.69 0.00	18.74 0.70 0.00	16.07 0.48 0.00	9.25 0.27 0.00	20.19 0.52 0.00	8.28 0.22 0.00	6.01 0.13 0.00	8.36 0.17 0.00	8.71 0.16 0.00	25.22 0.50 0.00	28.01 0.96 -0.76	37.75 1.93 -3.23	42.38 2.60 0.00	53.65 2.82 0.00	34.63 1.72 0.00	30.34 1.21 0.00	26.94 0.59 0.00
BLUE_CIRC_CHEM_DRP 24182	32.33 0.61 0.00	23.94 0.44 0.00	22.14 0.43 0.00	25.08 0.49 0.00	23.62 0.45 0.00	33.65 0.61 0.00	37.79 0.53 0.00	30.63 0.33 0.00	18.16 0.12 0.00	15.69 0.10 0.00	9.02 0.04 0.00	19.86 0.19 0.00	8.15 0.08 0.00	5.94 0.05 0.00	8.26 0.07 0.00	8.64 0.08 0.00	25.03 0.30 0.00	26.63 0.34 0.00	33.10 0.50 0.00	40.33 0.54 0.00	51.48 0.65 0.00	33.47 0.57 0.00	29.72 0.59 0.00	26.90 0.55 0.00
BOC_GAS_DRP 24189	32.09 0.36 0.00	23.75 0.26 0.00	21.97 0.26 0.00	24.88 0.29 0.00	23.43 0.26 0.00	33.40 0.35 0.00	37.56 0.30 0.00	30.53 0.24 0.00	18.18 0.14 0.00	15.71 0.12 0.00	9.03 0.05 0.00	19.88 0.22 0.00	8.16 0.10 0.00	5.96 0.08 0.00	8.31 0.12 0.00	8.69 0.13 0.00	25.14 0.42 0.00	26.70 0.41 0.00	33.06 0.47 0.00	40.18 0.39 0.00	51.31 0.48 0.00	33.34 0.44 0.00	29.59 0.46 0.00	26.76 0.41 0.00
BOONVLE_115KV_TB1 79983	32.32 0.60 0.00	23.91 0.42 0.00	22.04 0.33 0.00	24.96 0.36 0.00	23.56 0.40 0.00	33.72 0.67 0.00	38.11 0.85 0.00	30.64 0.34 0.00	17.98 -0.06 0.00	15.47 -0.13 0.00	8.89 -0.09 0.00	19.45 -0.22 0.00	7.96 -0.11 0.00	5.78 -0.10 0.00	8.03 -0.16 0.00	8.37 -0.18 0.00	24.22 -0.50 0.00	26.91 -0.24 -0.86	35.92 0.43 -2.89	40.86 1.08 0.00	52.21 1.38 0.00	33.64 0.74 0.00	29.77 0.64 0.00	26.79 0.44 0.00
BORALEX_4TH_BRANCH 23824	32.86 1.13 0.00	24.34 0.85 0.00	22.56 0.86 0.00	25.56 0.97 0.00	24.09 0.92 0.00	34.27 1.22 0.00	38.42 1.16 0.00	31.21 0.91 0.00	18.54 0.49 0.00	15.98 0.39 0.00	9.12 0.14 0.00	20.22 0.55 0.00	8.29 0.23 0.00	6.05 0.16 0.00	8.41 0.22 0.00	8.79 0.24 0.00	25.61 0.89 0.00	27.15 0.86 0.00	33.53 0.94 0.00	40.90 1.12 0.00	52.02 1.19 0.00	33.80 0.90 0.00	30.16 1.02 0.00	27.22 0.87 0.00
BOWLINE___1 23526	32.36 0.63 0.00	23.96 0.47 0.00	22.11 0.41 0.00	25.03 0.44 0.00	23.57 0.41 0.00	33.66 0.61 0.00	38.01 0.75 0.00	30.97 0.67 0.00	18.52 0.47 0.00	16.02 0.43 0.00	9.22 0.23 0.00	20.30 0.63 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.53 0.34 0.00	8.95 0.40 0.00	25.91 1.19 0.00	27.55 1.26 0.00	34.12 1.53 0.00	41.28 1.50 0.00	53.01 2.18 0.00	34.43 1.52 0.00	30.41 1.28 0.00	27.42 1.07 0.00
BOWLINE___2 23595	32.36 0.63 0.00	23.96 0.47 0.00	22.11 0.41 0.00	25.03 0.44 0.00	23.57 0.41 0.00	33.66 0.61 0.00	38.01 0.75 0.00	30.97 0.68 0.00	18.52 0.47 0.00	16.02 0.43 0.00	9.22 0.23 0.00	20.30 0.63 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.53 0.34 0.00	8.95 0.40 0.00	25.91 1.19 0.00	27.56 1.27 0.00	34.12 1.53 0.00	41.28 1.50 0.00	53.01 2.18 0.00	34.43 1.52 0.00	30.41 1.28 0.00	27.42 1.07 0.00
BRADY___115KV_TB2 356060	31.90 0.17 0.00	23.71 0.22 0.00	21.89 0.18 0.00	24.79 0.19 0.00	23.38 0.21 0.00	33.42 0.37 0.00	37.63 0.36 0.00	30.36 0.07 0.00	18.03 -0.01 0.00	15.54 -0.05 0.00	8.97 -0.01 0.00	19.58 -0.09 0.00	8.00 -0.07 0.00	5.83 -0.05 0.00	8.10 -0.09 0.00	8.47 -0.09 0.00	24.49 -0.24 0.00	26.24 -0.32 -0.27	33.21 -0.29 -0.90	39.98 0.20 0.00	51.36 0.53 0.00	33.11 0.21 0.00	29.34 0.20 0.00	26.53 0.18 0.00
BRANSCOMB___SOLAR 323811	33.00 1.28 0.00	24.45 0.96 0.00	22.65 0.94 0.00	25.67 1.08 0.00	24.20 1.03 0.00	34.56 1.51 0.00	38.86 1.59 0.00	31.43 1.14 0.00	18.52 0.48 0.00	15.92 0.32 0.00	9.10 0.12 0.00	20.13 0.46 0.00	8.23 0.17 0.00	5.98 0.10 0.00	8.32 0.13 0.00	8.70 0.14 0.00	25.32 0.60 0.00	26.94 0.65 0.00	33.60 1.00 0.00	41.28 1.50 0.00	52.67 1.84 0.00	34.20 1.30 0.00	30.37 1.24 0.00	27.39 1.04 0.00
BRDGHMPT_69_KV_BK1 55812	36.18 1.95 -2.51	24.46 0.96 0.00	22.07 0.36 0.00	24.95 0.36 0.00	23.58 0.41 0.00	34.37 1.32 0.00	39.20 1.93 0.00	33.36 1.76 -1.30	20.84 1.04 -1.76	16.55 0.82 -0.13	9.43 0.45 0.00	20.71 1.04 0.00	8.45 0.39 0.00	6.18 0.30 0.00	8.68 0.49 0.00	9.09 0.54 0.00	29.02 1.75 -2.55	27.98 1.65 -0.04	84.62 3.08 -48.95	106.81 3.83 -63.19	107.15 5.20 -51.11	70.61 3.35 -34.36	51.47 2.95 -19.39	32.57 2.53 -3.69



BRENTWOD_69_KV_W. BRTWOOD 56703	35.61 1.33 -2.56	24.38 0.89 0.00	22.39 0.69 0.00	25.31 0.72 0.00	23.89 0.72 0.00	34.29 1.24 0.00	38.75 1.49 0.00	32.58 1.18 -1.10	20.24 0.72 -1.48	16.24 0.54 -0.11	9.25 0.27 0.00	20.33 0.66 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.44 0.00	28.93 1.61 -2.60	28.11 1.77 -0.04	82.13 2.22 -47.31	103.41 2.34 -61.29	102.91 3.12 -48.96	68.77 2.21 -33.65	51.01 2.10 -19.77	31.93 1.81 -3.76
BRISTLHL_115KV_TB1 79998	30.94 -0.79 0.00	22.90 -0.60 0.00	21.16 -0.54 0.00	23.97 -0.62 0.00	22.59 -0.57 0.00	32.22 -0.83 0.00	36.38 -0.89 0.00	29.56 -0.74 0.00	17.58 -0.46 0.00	15.18 -0.42 0.00	8.75 -0.23 0.00	19.14 -0.53 0.00	7.85 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.93 -0.79 0.00	28.59 -0.78 -3.08	42.13 -0.84 -10.37	38.77 -1.01 0.00	49.46 -1.37 0.00	31.98 -0.92 0.00	28.26 -0.87 0.00	25.58 -0.77 0.00
BROOKHAVEN___DRP 24191	35.55 1.32 -2.51	24.32 0.83 0.00	22.28 0.57 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.21 1.16 0.00	38.72 1.46 0.00	32.83 1.23 -1.31	20.55 0.74 -1.77	16.27 0.55 -0.13	9.24 0.26 0.00	20.31 0.64 0.00	8.30 0.23 0.00	6.07 0.19 0.00	8.53 0.34 0.00	8.97 0.42 0.00	28.81 1.54 -2.55	28.03 1.70 -0.04	83.86 2.28 -48.99	105.62 2.59 -63.24	105.62 3.62 -51.16	69.71 2.40 -34.40	50.68 2.17 -19.38	31.90 1.87 -3.69
BROOKLYN_NAVY_YARD 23515	32.19 0.52 0.05	23.90 0.40 0.00	-265.77 0.33 287.80	24.89 0.30 0.00	23.47 0.30 0.00	33.48 0.45 0.02	37.84 0.58 0.00	30.96 0.66 0.00	18.58 0.54 0.00	16.09 0.50 0.00	9.27 0.29 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.06 1.34 0.00	27.70 1.40 0.00	34.25 1.65 0.00	41.28 1.49 0.00	53.21 2.37 0.00	34.65 1.74 0.00	30.68 1.55 0.00	27.65 1.29 0.00
BROOKLYN___ARMY_DRP 323595	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
BROOME_2_LFGE 323671	31.96 0.23 0.00	23.62 0.13 0.00	21.84 0.14 0.00	24.77 0.17 0.00	23.34 0.17 0.00	33.29 0.24 0.00	37.62 0.35 0.00	30.54 0.24 0.00	18.12 0.08 0.00	15.66 0.07 0.00	9.04 0.06 0.00	19.72 0.05 0.00	8.12 0.05 0.00	5.91 0.03 0.00	8.23 0.04 0.00	8.58 0.03 0.00	24.78 0.06 0.00	27.38 0.15 -0.95	36.22 0.37 -3.25	40.20 0.42 0.00	51.25 0.42 0.00	33.15 0.24 0.00	29.25 0.12 0.00	26.44 0.08 0.00
BROOME___LFGE 323600	31.96 0.23 0.00	23.62 0.13 0.00	21.84 0.14 0.00	24.77 0.17 0.00	23.34 0.17 0.00	33.29 0.24 0.00	37.62 0.35 0.00	30.54 0.24 0.00	18.12 0.08 0.00	15.66 0.07 0.00	9.04 0.06 0.00	19.72 0.05 0.00	8.12 0.05 0.00	5.91 0.03 0.00	8.23 0.04 0.00	8.58 0.03 0.00	24.78 0.06 0.00	27.38 0.15 -0.95	36.22 0.37 -3.25	40.20 0.42 0.00	51.25 0.42 0.00	33.15 0.24 0.00	29.25 0.12 0.00	26.44 0.08 0.00
BROWNFLS_115KV_TB 3_5 80003	31.21 -0.52 0.00	23.13 -0.36 0.00	21.30 -0.40 0.00	24.11 -0.48 0.00	22.76 -0.40 0.00	32.58 -0.47 0.00	36.65 -0.62 0.00	29.40 -0.90 0.00	17.32 -0.73 0.00	14.87 -0.72 0.00	8.55 -0.43 0.00	18.68 -0.98 0.00	7.63 -0.44 0.00	5.55 -0.33 0.00	7.71 -0.48 0.00	8.05 -0.51 0.00	23.25 -1.47 0.00	25.70 -1.46 -0.88	34.28 -1.27 -2.95	38.96 -0.82 0.00	49.91 -0.92 0.00	32.14 -0.77 0.00	28.59 -0.54 0.00	25.78 -0.57 0.00
BROWNSV1_27_KV_LOAD 356125	32.59 0.86 0.00	24.13 0.63 0.00	22.24 0.54 0.00	25.13 0.54 0.00	23.69 0.52 0.00	33.82 0.78 0.00	38.23 0.97 0.00	31.21 0.92 0.00	18.74 0.70 0.00	16.23 0.64 0.00	9.34 0.36 0.00	20.55 0.89 0.00	8.44 0.37 0.00	6.18 0.29 0.00	8.65 0.46 0.00	9.08 0.53 0.00	26.27 1.55 0.00	27.91 1.62 0.00	34.55 1.95 0.00	41.72 1.94 0.00	53.80 2.97 0.00	34.98 2.07 0.00	30.96 1.83 0.00	27.88 1.53 0.00
BURROWS___LYONSDAL 23803	32.15 0.43 0.00	23.78 0.29 0.00	21.91 0.20 0.00	24.80 0.21 0.00	23.43 0.26 0.00	33.53 0.48 0.00	37.90 0.64 0.00	30.44 0.14 0.00	17.86 -0.19 0.00	15.35 -0.24 0.00	8.82 -0.16 0.00	19.28 -0.38 0.00	7.88 -0.18 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.30 -0.26 0.00	23.98 -0.74 0.00	26.73 -0.48 -0.92	35.87 0.17 -3.11	40.63 0.84 0.00	51.92 1.09 0.00	33.44 0.53 0.00	29.61 0.48 0.00	26.65 0.30 0.00
CAITHNESS_CC_1 323624	35.46 1.22 -2.51	24.28 0.78 0.00	22.26 0.55 0.00	25.15 0.56 0.00	23.74 0.58 0.00	34.14 1.09 0.00	38.62 1.36 0.00	32.76 1.15 -1.31	20.51 0.70 -1.77	16.24 0.52 -0.13	9.23 0.25 0.00	20.28 0.61 0.00	8.28 0.22 0.00	6.06 0.18 0.00	8.52 0.33 0.00	8.96 0.41 0.00	28.78 1.51 -2.55	28.01 1.67 -0.04	83.81 2.18 -49.03	105.52 2.45 -63.29	105.48 3.44 -51.21	69.64 2.29 -34.44	50.58 2.08 -19.37	31.82 1.79 -3.68
CALPINE BETH_PAGE_GT4 24209	36.05 1.22 -3.11	24.32 0.83 0.00	22.37 0.67 0.00	25.29 0.70 0.00	23.86 0.69 0.00	34.18 1.13 0.00	38.60 1.34 0.00	31.38 1.08 0.00	18.75 0.71 0.00	16.16 0.56 0.00	9.28 0.30 0.00	20.39 0.72 0.00	8.32 0.25 0.00	6.09 0.21 0.00	8.58 0.39 0.00	9.03 0.47 0.00	29.49 1.62 -3.16	28.08 1.74 -0.05	76.77 2.11 -42.06	97.83 2.26 -55.79	94.87 3.16 -40.88	65.64 2.18 -30.54	55.04 1.94 -23.96	32.58 1.67 -4.56
CALPINE_BETH_PAGE_GT_4 323586	36.04 1.21 -3.11	24.32 0.83 0.00	22.37 0.67 0.00	25.29 0.70 0.00	23.86 0.69 0.00	34.17 1.12 0.00	38.59 1.33 0.00	31.38 1.08 0.00	18.75 0.71 0.00	16.16 0.56 0.00	9.28 0.30 0.00	20.39 0.72 0.00	8.32 0.25 0.00	6.09 0.21 0.00	8.58 0.39 0.00	9.03 0.47 0.00	29.49 1.62 -3.16	28.09 1.75 -0.05	76.76 2.11 -42.06	97.83 2.26 -55.79	94.87 3.16 -40.88	65.64 2.19 -30.54	55.03 1.94 -23.96	32.58 1.67 -4.56
CALPINE_BP_GT1 23823	36.04 1.21 -3.11	24.32 0.83 0.00	22.37 0.67 0.00	25.29 0.70 0.00	23.86 0.69 0.00	34.17 1.12 0.00	38.59 1.33 0.00	31.38 1.08 0.00	18.75 0.71 0.00	16.16 0.56 0.00	9.28 0.30 0.00	20.39 0.72 0.00	8.32 0.25 0.00	6.09 0.21 0.00	8.58 0.39 0.00	9.03 0.47 0.00	29.49 1.62 -3.16	28.09 1.75 -0.05	76.76 2.11 -42.06	97.83 2.26 -55.79	94.87 3.16 -40.88	65.64 2.19 -30.54	55.03 1.94 -23.96	32.58 1.67 -4.56
CALSPAN___DRP 24200	31.27 -0.46 0.00	23.02 -0.47 0.00	21.27 -0.44 0.00	24.19 -0.40 0.00	22.70 -0.47 0.00	32.05 -1.00 0.00	36.07 -1.20 0.00	29.63 -0.67 0.00	17.86 -0.18 0.00	15.66 0.07 0.00	9.23 0.25 0.00	19.51 -0.16 0.00	8.08 0.01 0.00	5.85 -0.04 0.00	8.13 -0.06 0.00	8.43 -0.12 0.00	24.13 -0.59 0.00	26.06 -0.98 -0.74	33.66 -1.47 -2.53	38.36 -1.42 0.00	48.95 -1.88 0.00	31.25 -1.66 0.00	27.40 -1.73 0.00	25.00 -1.35 0.00

CALVERTON___SOLAR 323806	35.64 1.40 -2.51	24.36 0.87 0.00	22.30 0.59 0.00	25.20 0.61 0.00	23.79 0.62 0.00	34.26 1.21 0.00	38.82 1.55 0.00	32.91 1.31 -1.31	20.59 0.78 -1.76	16.29 0.57 -0.13	9.26 0.28 0.00	20.35 0.68 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.98 0.43 0.00	28.84 1.57 -2.55	28.07 1.73 -0.04	83.96 2.39 -48.98	105.77 2.76 -63.23	105.82 3.84 -51.15	69.83 2.54 -34.39	50.79 2.28 -19.38	31.99 1.96 -3.69
CANDIGU_WT_PWR 323617	31.42 -0.31 0.00	23.09 -0.41 0.00	21.42 -0.29 0.00	24.40 -0.19 0.00	22.93 -0.24 0.00	32.54 -0.51 0.00	36.84 -0.43 0.00	29.83 -0.47 0.00	17.69 -0.35 0.00	15.45 -0.14 0.00	9.06 0.07 0.00	19.26 -0.40 0.00	8.03 -0.04 0.00	5.80 -0.09 0.00	8.08 -0.11 0.00	8.36 -0.20 0.00	24.07 -0.65 0.00	26.57 -0.59 -0.86	34.92 -0.62 -2.94	39.35 -0.43 0.00	50.08 -0.75 0.00	32.14 -0.76 0.00	28.23 -0.91 0.00	25.41 -0.94 0.00
CARR STREET_E_SYR 24060	31.50 -0.23 0.00	23.30 -0.19 0.00	21.53 -0.18 0.00	24.40 -0.18 0.00	23.00 -0.17 0.00	32.81 -0.24 0.00	37.05 -0.21 0.00	30.09 -0.21 0.00	17.86 -0.19 0.00	15.44 -0.15 0.00	8.91 -0.07 0.00	19.47 -0.20 0.00	7.99 -0.08 0.00	5.82 -0.06 0.00	8.11 -0.08 0.00	8.45 -0.11 0.00	24.39 -0.33 0.00	27.87 -0.29 -1.86	38.64 -0.23 -6.27	39.51 -0.27 0.00	50.40 -0.44 0.00	32.57 -0.34 0.00	28.77 -0.36 0.00	26.03 -0.33 0.00
CARTHAGE___PAPER 23857	31.60 -0.12 0.00	23.35 -0.14 0.00	21.47 -0.23 0.00	24.32 -0.28 0.00	22.97 -0.20 0.00	32.89 -0.15 0.00	37.21 -0.06 0.00	29.73 -0.56 0.00	17.42 -0.62 0.00	14.95 -0.64 0.00	8.59 -0.40 0.00	18.75 -0.92 0.00	7.65 -0.41 0.00	5.57 -0.32 0.00	7.73 -0.46 0.00	8.06 -0.50 0.00	23.26 -1.46 0.00	26.56 -1.25 -1.52	36.98 -0.72 -5.11	39.84 0.06 0.00	50.93 0.09 0.00	32.71 -0.20 0.00	29.04 -0.10 0.00	26.14 -0.21 0.00
CASSADAGA_WT_PWR 323784	32.21 0.48 0.00	23.66 0.17 0.00	21.90 0.19 0.00	24.92 0.33 0.00	23.38 0.21 0.00	33.11 0.06 0.00	37.49 0.22 0.00	30.61 0.31 0.00	18.31 0.27 0.00	16.03 0.44 0.00	9.40 0.42 0.00	19.96 0.29 0.00	8.31 0.25 0.00	6.00 0.12 0.00	8.35 0.16 0.00	8.67 0.11 0.00	24.83 0.11 0.00	26.85 -0.19 -0.75	34.84 -0.32 -2.57	39.83 0.05 0.00	50.82 -0.01 0.00	31.75 -1.16 0.00	26.95 -2.18 0.00	24.40 -1.95 0.00
CE_DUNWOOD___DRP 24194	32.43 0.71 0.00	24.01 0.52 0.00	22.15 0.44 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.72 0.67 0.00	38.08 0.81 0.00	31.04 0.74 0.00	18.58 0.54 0.00	16.08 0.49 0.00	9.25 0.27 0.00	20.36 0.69 0.00	8.36 0.29 0.00	6.12 0.23 0.00	8.56 0.37 0.00	8.98 0.42 0.00	26.00 1.28 0.00	27.64 1.35 0.00	34.23 1.63 0.00	41.40 1.61 0.00	53.20 2.37 0.00	34.57 1.66 0.00	30.56 1.43 0.00	27.56 1.21 0.00
CE_MILLWOOD___DRP 24193	32.41 0.69 0.00	23.99 0.50 0.00	22.14 0.43 0.00	25.04 0.45 0.00	23.59 0.42 0.00	33.70 0.66 0.00	38.06 0.79 0.00	31.01 0.72 0.00	18.56 0.51 0.00	16.06 0.47 0.00	9.23 0.25 0.00	20.33 0.66 0.00	8.35 0.28 0.00	6.11 0.22 0.00	8.55 0.36 0.00	8.96 0.41 0.00	25.96 1.24 0.00	27.60 1.31 0.00	34.18 1.59 0.00	41.34 1.56 0.00	53.13 2.30 0.00	34.52 1.61 0.00	30.53 1.39 0.00	27.52 1.16 0.00
CE_NYC2_DRP 24202	32.32 0.60 0.00	23.98 0.49 0.00	22.11 0.40 0.00	24.98 0.39 0.00	23.54 0.37 0.00	33.52 0.48 0.00	37.86 0.59 0.00	30.94 0.65 0.00	18.61 0.57 0.00	16.11 0.52 0.00	9.27 0.29 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.13 0.25 0.00	8.60 0.40 0.00	9.02 0.46 0.00	26.07 1.35 0.00	27.67 1.38 0.00	34.24 1.64 0.00	41.31 1.53 0.00	53.24 2.41 0.00	34.69 1.79 0.00	30.73 1.60 0.00	27.70 1.35 0.00
CE_NYC_DRP 24195	34.43 0.66 -2.03	23.98 0.49 0.00	35.64 0.41 -13.52	24.99 0.40 0.00	23.56 0.39 0.00	35.35 0.58 -1.73	39.45 0.73 -1.46	32.67 0.72 -1.65	18.63 0.59 0.00	19.72 0.55 -3.57	18.04 0.31 -8.74	24.46 0.78 -4.01	8.39 0.32 0.00	10.10 0.26 -3.96	12.57 0.42 -3.96	11.01 0.47 -1.98	26.12 1.40 0.00	28.13 1.46 -0.38	38.35 1.74 -4.01	45.07 1.66 -3.63	53.43 2.60 0.00	34.74 1.83 0.00	30.76 1.62 0.00	27.72 1.37 0.00
CHAFFEE___LFGE 323603	31.25 -0.47 0.00	22.99 -0.50 0.00	21.24 -0.46 0.00	24.16 -0.43 0.00	22.67 -0.50 0.00	32.05 -1.00 0.00	36.06 -1.20 0.00	29.61 -0.69 0.00	17.84 -0.20 0.00	15.63 0.05 0.00	9.21 0.23 0.00	19.47 -0.20 0.00	8.06 -0.01 0.00	5.84 -0.05 0.00	8.11 -0.08 0.00	8.41 -0.14 0.00	24.07 -0.65 0.00	25.99 -1.06 -0.75	33.66 -1.50 -2.56	38.33 -1.45 0.00	48.95 -1.88 0.00	31.25 -1.66 0.00	27.43 -1.70 0.00	25.01 -1.34 0.00
CHATEAUG_35_KV_LOAD 355732	31.73 0.00 0.00	23.52 0.03 0.00	21.75 0.04 0.00	24.64 0.05 0.00	23.20 0.03 0.00	33.15 0.11 0.00	37.44 0.17 0.00	30.49 0.19 0.00	18.17 0.13 0.00	15.66 0.07 0.00	9.03 0.05 0.00	19.74 0.07 0.00	8.07 0.00 0.00	5.88 0.00 0.00	8.18 -0.02 0.00	8.55 -0.01 0.00	24.72 0.00 0.00	26.25 -0.04 0.00	32.51 -0.09 0.00	39.89 0.11 0.00	51.16 0.32 0.00	33.06 0.15 0.00	29.25 0.11 0.00	26.39 0.04 0.00
CHATEAUG_WT_PWR 323614	31.77 0.05 0.00	23.53 0.04 0.00	21.76 0.05 0.00	24.66 0.07 0.00	23.21 0.04 0.00	33.16 0.11 0.00	37.44 0.17 0.00	30.53 0.23 0.00	18.20 0.16 0.00	15.70 0.10 0.00	9.05 0.07 0.00	19.78 0.11 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.20 0.00 0.00	8.57 0.01 0.00	24.78 0.06 0.00	26.31 0.02 0.00	32.58 -0.02 0.00	39.94 0.16 0.00	51.13 0.30 0.00	33.05 0.14 0.00	29.25 0.11 0.00	26.40 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	31.73 0.00 0.00	23.52 0.03 0.00	21.75 0.04 0.00	24.64 0.05 0.00	23.20 0.03 0.00	33.15 0.11 0.00	37.44 0.17 0.00	30.49 0.19 0.00	18.17 0.13 0.00	15.66 0.07 0.00	9.03 0.05 0.00	19.74 0.07 0.00	8.07 0.00 0.00	5.88 0.00 0.00	8.18 -0.02 0.00	8.55 -0.01 0.00	24.72 0.00 0.00	26.25 -0.04 0.00	32.51 -0.09 0.00	39.89 0.11 0.00	51.16 0.32 0.00	33.06 0.15 0.00	29.25 0.11 0.00	26.39 0.04 0.00
CHAUTAUQUA___LFGE 323629	31.89 0.16 0.00	23.43 -0.06 0.00	21.68 -0.03 0.00	24.66 0.07 0.00	23.13 -0.03 0.00	32.72 -0.33 0.00	36.99 -0.28 0.00	30.21 -0.08 0.00	18.11 0.07 0.00	15.86 0.27 0.00	9.33 0.34 0.00	19.75 0.08 0.00	8.23 0.17 0.00	5.94 0.06 0.00	8.28 0.09 0.00	8.58 0.03 0.00	24.57 -0.15 0.00	26.61 -0.43 -0.75	34.50 -0.65 -2.55	39.38 -0.40 0.00	50.15 -0.68 0.00	31.68 -1.23 0.00	27.37 -1.77 0.00	24.91 -1.44 0.00
CHERRYST_13_KV_LD 356241	34.51 0.74 -2.03	24.05 0.55 0.00	35.70 0.46 -13.52	25.05 0.46 0.00	23.62 0.45 0.00	35.45 0.68 -1.73	39.57 0.84 -1.46	32.76 0.82 -1.65	18.69 0.64 0.00	19.77 0.61 -3.57	18.07 0.35 -8.74	24.53 0.85 -4.01	8.42 0.35 0.00	10.12 0.28 -3.96	12.59 0.44 -3.96	11.04 0.51 -1.98	26.21 1.49 0.00	28.22 1.55 -0.38	38.45 1.84 -4.01	45.18 1.77 -3.63	53.57 2.74 0.00	34.84 1.93 0.00	30.83 1.70 0.00	27.78 1.43 0.00

CHESTROR_138KV_BK263 355645	32.32 0.60 0.00	23.93 0.43 0.00	22.09 0.38 0.00	25.01 0.42 0.00	23.56 0.39 0.00	33.64 0.60 0.00	37.99 0.73 0.00	30.93 0.63 0.00	18.47 0.43 0.00	15.96 0.37 0.00	9.18 0.19 0.00	20.20 0.54 0.00	8.30 0.23 0.00	6.07 0.19 0.00	8.49 0.30 0.00	8.90 0.34 0.00	25.76 1.04 0.00	27.40 1.11 0.00	33.96 1.37 0.00	41.15 1.37 0.00	52.82 1.99 0.00	34.31 1.40 0.00	30.30 1.17 0.00	27.32 0.97 0.00
CH_MIDHUDSON___DRP 24192	32.51 0.78 0.00	24.06 0.56 0.00	22.21 0.50 0.00	25.14 0.55 0.00	23.69 0.52 0.00	33.84 0.79 0.00	38.19 0.93 0.00	31.12 0.82 0.00	18.60 0.56 0.00	16.08 0.49 0.00	9.23 0.25 0.00	20.32 0.66 0.00	8.35 0.29 0.00	6.10 0.22 0.00	8.53 0.34 0.00	8.94 0.39 0.00	25.92 1.20 0.00	27.59 1.29 0.00	34.19 1.59 0.00	41.41 1.63 0.00	53.16 2.33 0.00	34.51 1.60 0.00	30.51 1.38 0.00	27.49 1.14 0.00
CH_MISC_IPPS 23765	32.64 0.91 0.00	24.15 0.66 0.00	22.30 0.59 0.00	25.23 0.64 0.00	23.78 0.61 0.00	33.97 0.92 0.00	38.37 1.11 0.00	31.27 0.97 0.00	18.68 0.64 0.00	16.14 0.54 0.00	9.27 0.29 0.00	20.38 0.71 0.00	8.38 0.31 0.00	6.12 0.24 0.00	8.56 0.37 0.00	8.97 0.42 0.00	26.01 1.29 0.00	27.72 1.43 0.00	34.37 1.78 0.00	41.65 1.87 0.00	53.48 2.65 0.00	34.70 1.79 0.00	30.65 1.52 0.00	27.61 1.26 0.00
CH_RES_BVR_FALLS 23983	31.69 -0.03 0.00	23.47 -0.02 0.00	21.68 -0.02 0.00	24.56 -0.03 0.00	23.14 -0.03 0.00	33.01 -0.03 0.00	37.24 -0.03 0.00	30.29 0.00 0.00	18.05 0.00 0.00	15.59 0.00 0.00	8.98 0.00 0.00	19.65 -0.01 0.00	8.06 -0.02 0.00	5.87 -0.01 0.00	8.17 -0.02 0.00	8.54 -0.02 0.00	24.67 -0.05 0.00	26.24 -0.05 0.00	32.51 -0.08 0.00	39.75 -0.04 0.00	50.82 -0.01 0.00	32.88 -0.03 0.00	29.10 -0.03 0.00	26.32 -0.03 0.00
CH_RES_NIAGARA 23895	30.60 -1.13 0.00	22.56 -0.93 0.00	20.82 -0.88 0.00	23.68 -0.92 0.00	22.23 -0.94 0.00	31.33 -1.72 0.00	35.13 -2.13 0.00	28.95 -1.35 0.00	17.51 -0.53 0.00	15.36 -0.23 0.00	9.06 0.08 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.27 -0.29 0.00	23.59 -1.13 0.00	25.12 -1.64 -0.46	27.73 -2.37 2.49	27.73 -2.54 9.52	26.06 -3.28 21.49	25.42 -2.50 4.98	26.75 -2.38 0.00	24.54 -1.81 0.00
CH_RES_SYRACUSE 23985	31.65 -0.07 0.00	23.41 -0.08 0.00	21.63 -0.08 0.00	24.53 -0.07 0.00	23.12 -0.05 0.00	32.96 -0.09 0.00	37.24 -0.02 0.00	30.21 -0.09 0.00	17.92 -0.12 0.00	15.49 -0.10 0.00	8.93 -0.05 0.00	19.50 -0.17 0.00	8.01 -0.06 0.00	5.84 -0.05 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.46 -0.26 -2.18	28.31 -0.16 -7.35	39.88 -0.06 0.00	39.72 -0.07 0.00	50.67 -0.16 0.00	32.72 -0.19 0.00	28.88 -0.25 0.00	26.14 -0.21 0.00
CLINTON_WT_PWR 323605	31.77 0.05 0.00	23.53 0.04 0.00	21.76 0.05 0.00	24.66 0.07 0.00	23.21 0.04 0.00	33.16 0.11 0.00	37.44 0.17 0.00	30.53 0.23 0.00	18.20 0.16 0.00	15.70 0.10 0.00	9.05 0.07 0.00	19.78 0.11 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.20 0.00 0.00	8.57 0.01 0.00	24.78 0.06 0.00	26.31 0.02 0.00	32.58 -0.02 0.00	39.94 0.16 0.00	51.13 0.30 0.00	33.05 0.14 0.00	29.25 0.11 0.00	26.40 0.04 0.00
CLINTON___LFGE 323618	32.19 0.47 0.00	23.77 0.28 0.00	21.99 0.28 0.00	24.90 0.32 0.00	23.46 0.29 0.00	33.51 0.46 0.00	37.86 0.59 0.00	30.84 0.55 0.00	18.35 0.31 0.00	15.83 0.24 0.00	9.12 0.14 0.00	19.97 0.30 0.00	8.16 0.09 0.00	5.94 0.05 0.00	8.25 0.06 0.00	8.62 0.06 0.00	24.97 0.25 0.00	26.52 0.23 0.00	32.87 0.27 0.00	40.37 0.59 0.00	51.76 0.93 0.00	33.47 0.57 0.00	29.62 0.49 0.00	26.69 0.34 0.00
COBBLENY_34_KV_TB1 80064	31.23 -0.50 0.00	22.99 -0.50 0.00	21.24 -0.46 0.00	24.16 -0.43 0.00	22.67 -0.50 0.00	32.03 -1.02 0.00	36.04 -1.22 0.00	29.61 -0.69 0.00	17.84 -0.20 0.00	15.64 0.05 0.00	9.21 0.23 0.00	19.47 -0.20 0.00	8.06 -0.01 0.00	5.84 -0.05 0.00	8.11 -0.08 0.00	8.41 -0.14 0.00	24.08 -0.64 -0.75	26.03 -1.01 -2.56	33.66 -1.50 0.00	38.34 -1.44 0.00	48.92 -1.92 0.00	31.25 -1.65 0.00	27.42 -1.71 0.00	25.01 -1.34 0.00
COFFEEN___115KV_TB3 355620	31.63 -0.09 0.00	23.34 -0.15 0.00	21.46 -0.25 0.00	24.31 -0.28 0.00	22.97 -0.20 0.00	32.90 -0.14 0.00	37.27 0.01 0.00	29.73 -0.57 0.00	17.40 -0.65 0.00	14.91 -0.68 0.00	8.56 -0.42 0.00	18.69 -0.98 0.00	7.63 -0.43 0.00	5.55 -0.33 0.00	7.72 -0.47 0.00	8.03 -0.52 0.00	23.18 -1.54 0.00	26.77 -1.28 -1.76	37.89 -0.64 -5.94	40.02 0.24 0.00	51.11 0.28 0.00	32.76 -0.15 0.00	29.02 -0.11 0.00	26.16 -0.19 0.00
COLDSPRG_115KV_BK1 355956	32.19 0.47 0.00	23.67 0.17 0.00	21.91 0.20 0.00	24.94 0.34 0.00	23.40 0.23 0.00	33.18 0.13 0.00	37.61 0.34 0.00	30.76 0.47 0.00	18.41 0.36 0.00	16.09 0.50 0.00	9.43 0.45 0.00	20.04 0.37 0.00	8.33 0.27 0.00	6.02 0.14 0.00	8.39 0.20 0.00	8.70 0.14 0.00	24.95 0.23 -0.76	27.05 0.00 -2.59	35.10 -0.09 0.00	40.00 0.21 0.00	51.01 0.18 0.00	32.30 -0.60 0.00	27.94 -1.19 0.00	25.35 -1.00 0.00
COLONIE_LFGE___ 323577	32.58 0.86 0.00	24.13 0.64 0.00	22.34 0.63 0.00	25.31 0.72 0.00	23.85 0.68 0.00	34.00 0.95 0.00	38.19 0.92 0.00	30.99 0.69 0.00	18.40 0.36 0.00	15.86 0.27 0.00	9.08 0.10 0.00	20.09 0.42 0.00	8.23 0.17 0.00	6.00 0.12 0.00	8.35 0.16 0.00	8.72 0.17 0.00	25.33 0.60 0.00	26.88 0.59 0.00	33.31 0.71 0.00	40.65 0.87 0.00	51.81 0.97 0.00	33.67 0.77 0.00	29.94 0.81 0.00	27.04 0.69 0.00
COOPERNY_115KV_TB1 80082	32.22 0.49 0.00	23.86 0.36 0.00	22.03 0.32 0.00	24.95 0.35 0.00	23.51 0.34 0.00	33.55 0.51 0.00	37.88 0.62 0.00	30.83 0.53 0.00	18.42 0.37 0.00	15.91 0.32 0.00	9.15 0.17 0.00	20.13 0.46 0.00	8.27 0.20 0.00	6.05 0.16 0.00	8.45 0.26 0.00	8.85 0.30 0.00	25.60 0.88 0.00	27.47 0.95 -0.22	33.72 1.13 0.00	40.89 1.10 0.00	52.52 1.69 0.00	34.14 1.23 0.00	30.15 1.02 0.00	27.19 0.84 0.00
COPENHAGEN_WT_PWR 323753	31.56 -0.17 0.00	23.27 -0.22 0.00	21.38 -0.32 0.00	24.22 -0.37 0.00	22.89 -0.28 0.00	32.76 -0.28 0.00	37.14 -0.12 0.00	29.70 -0.59 0.00	17.41 -0.63 0.00	14.95 -0.64 0.00	8.59 -0.40 0.00	18.74 -0.93 0.00	7.65 -0.42 0.00	5.56 -0.32 0.00	7.74 -0.45 0.00	8.05 -0.51 0.00	23.20 -1.52 0.00	26.87 -1.25 -1.83	38.01 -0.74 -6.16	39.83 0.04 0.00	50.86 0.02 0.00	32.61 -0.29 0.00	28.92 -0.21 0.00	26.05 -0.30 0.00
CORNELL_____ 23752	32.38 0.66 0.00	23.93 0.44 0.00	22.12 0.41 0.00	25.09 0.50 0.00	23.65 0.48 0.00	33.79 0.74 0.00	38.21 0.94 0.00	30.91 0.61 0.00	18.20 0.15 0.00	15.65 0.06 0.00	9.02 0.03 0.00	19.60 -0.07 0.00	8.06 -0.01 0.00	5.87 -0.02 0.00	8.17 -0.02 0.00	8.52 -0.04 0.00	24.61 -0.11 0.00	27.65 0.09 -1.26	37.45 0.54 -4.31	40.64 0.85 0.00	51.92 1.09 0.00	33.51 0.60 0.00	29.53 0.40 0.00	26.67 0.32 0.00

CORONA V_69_KV_TB1 355595	37.97 1.07 -5.18	24.23 0.74 0.00	22.31 0.60 0.00	25.22 0.63 0.00	23.78 0.61 0.00	34.03 0.98 0.00	38.40 1.14 0.00	31.24 0.94 0.00	18.70 0.65 0.00	16.14 0.55 0.00	9.28 0.29 0.00	20.41 0.74 0.00	8.36 0.30 0.00	6.12 0.24 0.00	8.59 0.40 0.00	9.02 0.47 0.00	31.52 1.53 -5.26	27.99 1.61 -0.09	104.66 1.91 -70.15	134.80 1.96 -93.06	121.90 2.88 -68.18	85.87 2.02 -50.95	70.86 1.77 -39.96	35.48 1.53 -7.60
CORTLAND_115KV_TB3 80093	32.08 0.36 0.00	23.73 0.23 0.00	21.93 0.23 0.00	24.86 0.26 0.00	23.43 0.26 0.00	33.46 0.41 0.00	37.81 0.54 0.00	30.62 0.32 0.00	18.10 0.06 0.00	15.60 0.01 0.00	9.00 0.02 0.00	19.65 -0.02 0.00	8.07 0.00 0.00	5.87 -0.01 0.00	8.18 -0.02 0.00	8.53 -0.03 0.00	24.63 -0.09 0.00	27.74 0.05 -1.40	37.69 0.36 -4.73	40.34 0.56 0.00	51.51 0.68 0.00	33.30 0.39 0.00	29.39 0.26 0.00	26.55 0.19 0.00
COXSACKIE__GT 23611	33.28 1.56 0.00	24.61 1.12 0.00	22.76 1.05 0.00	25.79 1.20 0.00	24.32 1.15 0.00	34.69 1.64 0.00	39.15 1.88 0.00	31.72 1.43 0.00	18.55 0.50 0.00	15.89 0.30 0.00	9.11 0.13 0.00	20.13 0.46 0.00	8.24 0.17 0.00	5.99 0.11 0.00	8.33 0.14 0.00	8.72 0.17 0.00	25.35 0.63 0.00	27.06 0.76 0.00	33.75 1.15 0.00	41.42 1.63 0.00	53.22 2.39 0.00	34.60 1.69 0.00	30.59 1.46 0.00	27.62 1.27 0.00
CPV_VALLEY__CC1 323721	32.12 0.40 0.00	23.79 0.30 0.00	21.97 0.26 0.00	24.87 0.28 0.00	23.44 0.27 0.00	33.44 0.39 0.00	37.73 0.46 0.00	30.74 0.45 0.00	18.39 0.34 0.00	15.89 0.30 0.00	9.14 0.16 0.00	20.12 0.45 0.00	8.27 0.20 0.00	6.04 0.16 0.00	8.45 0.26 0.00	8.85 0.30 0.00	25.62 0.89 0.00	27.24 0.95 0.00	33.74 1.15 0.00	40.86 1.07 0.00	52.43 1.60 0.00	34.07 1.17 0.00	30.10 0.97 0.00	27.15 0.80 0.00
CPV_VALLEY__CC2 323722	32.12 0.40 0.00	23.79 0.30 0.00	21.97 0.26 0.00	24.87 0.28 0.00	23.44 0.27 0.00	33.44 0.39 0.00	37.73 0.46 0.00	30.74 0.45 0.00	18.39 0.34 0.00	15.89 0.30 0.00	9.14 0.16 0.00	20.12 0.45 0.00	8.27 0.20 0.00	6.04 0.16 0.00	8.45 0.26 0.00	8.85 0.30 0.00	25.62 0.89 0.00	27.24 0.95 0.00	33.74 1.15 0.00	40.86 1.07 0.00	52.43 1.60 0.00	34.07 1.17 0.00	30.10 0.97 0.00	27.15 0.80 0.00
CRESCENT__HYD 24018	32.58 0.86 0.00	24.13 0.64 0.00	22.34 0.63 0.00	25.31 0.72 0.00	23.85 0.68 0.00	34.00 0.95 0.00	38.19 0.92 0.00	30.99 0.69 0.00	18.40 0.36 0.00	15.86 0.27 0.00	9.08 0.10 0.00	20.09 0.42 0.00	8.23 0.17 0.00	6.00 0.12 0.00	8.35 0.16 0.00	8.72 0.17 0.00	25.33 0.60 0.00	26.88 0.59 0.00	33.31 0.71 0.00	40.65 0.87 0.00	51.81 0.97 0.00	33.67 0.77 0.00	29.94 0.81 0.00	27.04 0.69 0.00
CRICKET__VALLEY_CC1 323756	32.14 0.42 0.00	23.80 0.30 0.00	21.98 0.28 0.00	24.88 0.29 0.00	23.44 0.27 0.00	33.48 0.43 0.00	37.71 0.45 0.00	30.76 0.46 0.00	18.41 0.37 0.00	15.94 0.35 0.00	9.15 0.17 0.00	20.17 0.50 0.00	8.30 0.24 0.00	6.07 0.18 0.00	8.48 0.29 0.00	8.88 0.32 0.00	25.75 1.03 0.00	27.38 1.08 0.00	33.87 1.27 0.00	40.93 1.15 0.00	52.55 1.72 0.00	34.10 1.19 0.00	30.17 1.04 0.00	27.17 0.82 0.00
CRICKET__VALLEY_CC2 323757	32.14 0.42 0.00	23.80 0.30 0.00	21.98 0.28 0.00	24.88 0.29 0.00	23.44 0.27 0.00	33.48 0.43 0.00	37.71 0.45 0.00	30.76 0.46 0.00	18.41 0.37 0.00	15.94 0.35 0.00	9.15 0.17 0.00	20.17 0.50 0.00	8.30 0.24 0.00	6.07 0.18 0.00	8.48 0.29 0.00	8.88 0.32 0.00	25.75 1.03 0.00	27.38 1.08 0.00	33.87 1.27 0.00	40.93 1.15 0.00	52.55 1.72 0.00	34.10 1.19 0.00	30.17 1.04 0.00	27.17 0.82 0.00
CRICKET__VALLEY_CC3 323758	32.14 0.42 0.00	23.80 0.30 0.00	21.98 0.28 0.00	24.88 0.29 0.00	23.44 0.27 0.00	33.48 0.43 0.00	37.71 0.45 0.00	30.76 0.46 0.00	18.41 0.37 0.00	15.94 0.35 0.00	9.15 0.17 0.00	20.17 0.50 0.00	8.30 0.24 0.00	6.07 0.18 0.00	8.48 0.29 0.00	8.88 0.32 0.00	25.75 1.03 0.00	27.38 1.08 0.00	33.87 1.27 0.00	40.93 1.15 0.00	52.55 1.72 0.00	34.10 1.19 0.00	30.17 1.04 0.00	27.17 0.82 0.00
CRUCIBLE_METL_DRP 24180	31.65 -0.07 0.00	23.41 -0.08 0.00	21.63 -0.08 0.00	24.53 -0.07 0.00	23.12 -0.06 0.00	32.95 -0.09 0.00	37.24 -0.02 0.00	30.21 -0.09 0.00	17.92 -0.12 0.00	15.49 -0.10 0.00	8.93 -0.05 0.00	19.50 -0.17 0.00	8.01 -0.06 0.00	5.84 -0.05 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.46 -0.26 0.00	28.31 -0.16 -2.18	39.88 -0.06 -7.35	39.72 -0.06 0.00	50.67 -0.16 0.00	32.72 -0.19 0.00	28.88 -0.25 0.00	26.14 -0.21 0.00
DAHOWA__HYDRO 323763	33.11 1.38 0.00	24.53 1.04 0.00	22.73 1.02 0.00	25.77 1.18 0.00	24.29 1.12 0.00	34.71 1.67 0.00	39.05 1.79 0.00	31.59 1.30 0.00	18.59 0.54 0.00	15.96 0.37 0.00	9.12 0.14 0.00	20.16 0.50 0.00	8.25 0.18 0.00	5.99 0.11 0.00	8.33 0.14 0.00	8.70 0.14 0.00	25.35 0.62 0.00	26.96 0.67 0.00	33.66 1.06 0.00	41.43 1.65 0.00	52.87 2.04 0.00	34.34 1.43 0.00	30.47 1.34 0.00	27.47 1.12 0.00
DANC__LFGE 323619	31.41 -0.32 0.00	23.19 -0.31 0.00	21.35 -0.35 0.00	24.19 -0.40 0.00	22.83 -0.34 0.00	32.61 -0.44 0.00	36.88 -0.38 0.00	29.68 -0.62 0.00	17.50 -0.55 0.00	15.06 -0.53 0.00	8.67 -0.31 0.00	18.95 -0.72 0.00	7.75 -0.31 0.00	5.64 -0.24 0.00	7.85 -0.34 0.00	8.16 -0.39 0.00	23.54 -1.18 0.00	27.49 -0.99 -2.19	39.25 -0.72 -7.37	39.47 -0.31 0.00	50.36 -0.47 0.00	32.40 -0.50 0.00	28.70 -0.44 0.00	25.93 -0.42 0.00
DANSKAMMER__1 23586	32.64 0.91 0.00	24.15 0.66 0.00	22.30 0.59 0.00	25.23 0.64 0.00	23.78 0.61 0.00	33.97 0.92 0.00	38.37 1.11 0.00	31.27 0.97 0.00	18.68 0.64 0.00	16.14 0.54 0.00	9.27 0.29 0.00	20.38 0.71 0.00	8.38 0.31 0.00	6.12 0.24 0.00	8.56 0.37 0.00	8.97 0.42 0.00	26.01 1.29 0.00	27.72 1.43 0.00	34.37 1.78 0.00	41.65 1.87 0.00	53.48 2.65 0.00	34.70 1.79 0.00	30.65 1.52 0.00	27.61 1.26 0.00
DANSKAMMER__2 23589	32.64 0.91 0.00	24.15 0.66 0.00	22.30 0.59 0.00	25.23 0.64 0.00	23.78 0.61 0.00	33.97 0.92 0.00	38.37 1.11 0.00	31.27 0.97 0.00	18.68 0.64 0.00	16.14 0.54 0.00	9.27 0.29 0.00	20.38 0.71 0.00	8.38 0.31 0.00	6.12 0.24 0.00	8.56 0.37 0.00	8.97 0.42 0.00	26.01 1.29 0.00	27.72 1.43 0.00	34.37 1.78 0.00	41.65 1.87 0.00	53.48 2.65 0.00	34.70 1.79 0.00	30.65 1.52 0.00	27.61 1.26 0.00
DANSKAMMER__3 23590	32.64 0.91 0.00	24.15 0.66 0.00	22.30 0.59 0.00	25.23 0.64 0.00	23.78 0.61 0.00	33.97 0.92 0.00	38.37 1.11 0.00	31.27 0.97 0.00	18.68 0.64 0.00	16.14 0.54 0.00	9.27 0.29 0.00	20.38 0.71 0.00	8.38 0.31 0.00	6.12 0.24 0.00	8.56 0.37 0.00	8.97 0.42 0.00	26.01 1.29 0.00	27.72 1.43 0.00	34.37 1.78 0.00	41.65 1.87 0.00	53.48 2.65 0.00	34.70 1.79 0.00	30.65 1.52 0.00	27.61 1.26 0.00

DANSKAMMER___4 23591	32.64 0.91 0.00	24.15 0.66 0.00	22.30 0.59 0.00	25.23 0.64 0.00	23.78 0.61 0.00	33.97 0.92 0.00	38.37 1.11 0.00	31.27 0.97 0.00	18.68 0.64 0.00	16.14 0.54 0.00	9.27 0.29 0.00	20.38 0.71 0.00	8.38 0.31 0.00	6.12 0.24 0.00	8.56 0.37 0.00	8.97 0.42 0.00	26.01 1.29 0.00	27.72 1.43 0.00	34.37 1.78 0.00	41.65 1.87 0.00	53.48 2.65 0.00	34.70 1.79 0.00	30.65 1.52 0.00	27.61 1.26 0.00
DANSKAMMER___DIESEL 23592	32.64 0.92 0.00	24.15 0.66 0.00	22.30 0.59 0.00	25.24 0.64 0.00	23.78 0.61 0.00	33.97 0.93 0.00	38.39 1.12 0.00	31.27 0.97 0.00	18.68 0.64 0.00	16.14 0.54 0.00	9.27 0.29 0.00	20.38 0.71 0.00	8.38 0.31 0.00	6.12 0.24 0.00	8.56 0.37 0.00	8.97 0.42 0.00	26.00 1.28 0.00	27.71 1.42 0.00	34.37 1.78 0.00	41.65 1.87 0.00	53.48 2.65 0.00	34.70 1.79 0.00	30.65 1.52 0.00	27.61 1.26 0.00
DARBY___SOLAR 323810	33.01 1.29 0.00	24.46 0.97 0.00	22.66 0.95 0.00	25.69 1.10 0.00	24.22 1.05 0.00	34.58 1.54 0.00	38.88 1.62 0.00	31.47 1.18 0.00	18.55 0.51 0.00	15.93 0.34 0.00	9.11 0.12 0.00	20.14 0.46 0.00	8.24 0.17 0.00	5.98 0.10 0.00	8.33 0.14 0.00	8.70 0.14 0.00	25.33 0.61 0.00	26.96 0.67 0.00	33.63 1.03 0.00	41.30 1.52 0.00	52.69 1.86 0.00	34.22 1.31 0.00	30.38 1.25 0.00	27.40 1.05 0.00
DASHVILLE___HYD 23610	32.29 0.57 0.00	23.90 0.41 0.00	22.06 0.36 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.62 0.57 0.00	37.96 0.69 0.00	30.94 0.64 0.00	18.51 0.47 0.00	16.00 0.41 0.00	9.18 0.20 0.00	20.22 0.56 0.00	8.31 0.24 0.00	6.07 0.19 0.00	8.50 0.31 0.00	8.91 0.35 0.00	25.78 1.06 0.00	27.43 1.13 0.00	33.99 1.39 0.00	41.16 1.38 0.00	52.83 2.00 0.00	34.28 1.37 0.00	30.30 1.17 0.00	27.30 0.95 0.00
DELAWARE___LFGE 323621	33.65 1.92 0.00	24.90 1.40 0.00	23.02 1.32 0.00	26.12 1.52 0.00	24.68 1.51 0.00	35.47 2.42 0.00	40.18 2.92 0.00	32.31 2.01 0.00	18.91 0.87 0.00	16.23 0.64 0.00	9.38 0.40 0.00	20.47 0.80 0.00	8.38 0.31 0.00	6.08 0.20 0.00	8.43 0.24 0.00	8.78 0.22 0.00	25.44 0.72 0.00	28.24 1.23 -0.72	37.26 1.99 -2.67	41.71 1.93 0.00	52.19 1.36 0.00	33.84 0.93 0.00	29.89 0.76 0.00	26.96 0.60 0.00
DERFIELD_115KV_TB7 355931	31.76 0.03 0.00	23.51 0.02 0.00	21.73 0.02 0.00	24.62 0.02 0.00	23.19 0.02 0.00	33.08 0.03 0.00	37.26 0.00 0.00	30.29 0.00 0.00	18.01 -0.03 0.00	15.56 -0.03 0.00	8.96 -0.02 0.00	19.63 -0.04 0.00	8.05 -0.02 0.00	5.87 -0.01 0.00	8.18 -0.01 0.00	8.55 -0.01 0.00	24.70 -0.03 0.00	26.28 -0.01 0.00	32.62 0.02 0.00	39.80 0.01 0.00	50.83 0.00 0.00	32.95 0.04 0.00	29.17 0.04 0.00	26.38 0.03 0.00
DOGLEVILLE___HYD 23807	33.13 1.41 0.00	24.48 0.98 0.00	22.69 0.98 0.00	25.69 1.10 0.00	24.25 1.08 0.00	34.55 1.51 0.00	38.68 1.42 0.00	30.89 0.60 0.00	17.84 -0.20 0.00	15.21 -0.38 0.00	8.68 -0.30 0.00	19.25 -0.42 0.00	7.84 -0.23 0.00	5.69 -0.19 0.00	7.88 -0.31 0.00	8.21 -0.34 0.00	24.05 -0.67 0.00	25.90 -0.39 0.00	32.77 0.17 0.00	40.79 1.00 0.00	52.39 1.56 0.00	34.14 1.23 0.00	30.53 1.39 0.00	27.43 1.07 0.00
DUNKIRK___115KV_TB_200 55889	31.81 0.08 0.00	23.38 -0.11 0.00	21.64 -0.07 0.00	24.62 0.03 0.00	23.09 -0.08 0.00	32.63 -0.42 0.00	36.89 -0.38 0.00	30.16 -0.13 0.00	18.08 0.04 0.00	15.84 0.25 0.00	9.32 0.33 0.00	19.73 0.06 0.00	8.22 0.16 0.00	5.94 0.05 0.00	8.27 0.08 0.00	8.57 0.01 0.00	24.54 -0.18 0.00	26.61 -0.44 -0.75	34.45 -0.70 -2.55	39.31 -0.47 0.00	50.03 -0.80 0.00	31.67 -1.24 0.00	27.41 -1.72 0.00	24.96 -1.40 0.00
DUNKIRK___1 23563	31.81 0.08 0.00	23.38 -0.11 0.00	21.64 -0.07 0.00	24.62 0.03 0.00	23.09 -0.08 0.00	32.63 -0.42 0.00	36.89 -0.38 0.00	30.16 -0.13 0.00	18.08 0.04 0.00	15.84 0.25 0.00	9.32 0.33 0.00	19.73 0.06 0.00	8.22 0.16 0.00	5.94 0.05 0.00	8.27 0.08 0.00	8.57 0.01 0.00	24.54 -0.18 0.00	26.61 -0.44 -0.75	34.45 -0.70 -2.55	39.31 -0.47 0.00	50.03 -0.80 0.00	31.67 -1.24 0.00	27.41 -1.72 0.00	24.96 -1.40 0.00
DUNKIRK___2 23564	31.81 0.08 0.00	23.38 -0.11 0.00	21.64 -0.07 0.00	24.62 0.03 0.00	23.09 -0.08 0.00	32.63 -0.42 0.00	36.89 -0.38 0.00	30.16 -0.13 0.00	18.08 0.04 0.00	15.84 0.25 0.00	9.32 0.33 0.00	19.73 0.06 0.00	8.22 0.16 0.00	5.94 0.05 0.00	8.27 0.08 0.00	8.57 0.01 0.00	24.54 -0.18 0.00	26.61 -0.44 -0.75	34.45 -0.70 -2.55	39.31 -0.47 0.00	50.03 -0.80 0.00	31.67 -1.24 0.00	27.41 -1.72 0.00	24.96 -1.40 0.00
DUNKIRK___3 23565	31.58 -0.14 0.00	23.23 -0.26 0.00	21.49 -0.21 0.00	24.45 -0.14 0.00	22.94 -0.23 0.00	32.40 -0.64 0.00	36.59 -0.67 0.00	29.95 -0.35 0.00	17.98 -0.07 0.00	15.75 0.16 0.00	9.27 0.29 0.00	19.64 -0.03 0.00	8.17 0.11 0.00	5.91 0.02 0.00	8.22 0.03 0.00	8.52 -0.03 0.00	24.41 -0.32 0.00	26.44 -0.60 -0.75	34.21 -0.94 -2.55	38.99 -0.79 0.00	49.64 -1.19 0.00	31.54 -1.37 0.00	27.43 -1.70 0.00	24.99 -1.36 0.00
DUNKIRK___4 23566	31.58 -0.14 0.00	23.23 -0.26 0.00	21.49 -0.21 0.00	24.45 -0.14 0.00	22.94 -0.23 0.00	32.40 -0.64 0.00	36.59 -0.67 0.00	29.95 -0.35 0.00	17.98 -0.07 0.00	15.75 0.16 0.00	9.27 0.29 0.00	19.64 -0.03 0.00	8.17 0.11 0.00	5.91 0.02 0.00	8.22 0.03 0.00	8.52 -0.03 0.00	24.41 -0.32 0.00	26.44 -0.60 -0.75	34.21 -0.94 -2.55	38.99 -0.79 0.00	49.64 -1.19 0.00	31.54 -1.37 0.00	27.43 -1.70 0.00	24.99 -1.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.46 0.74 0.00	24.03 0.54 0.00	22.17 0.46 0.00	25.06 0.47 0.00	23.62 0.45 0.00	33.73 0.68 0.00	38.10 0.83 0.00	31.06 0.76 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.26 0.28 0.00	20.39 0.73 0.00	8.37 0.31 0.00	6.13 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.06 1.34 0.00	27.70 1.41 0.00	34.29 1.70 0.00	41.46 1.68 0.00	53.30 2.47 0.00	34.64 1.73 0.00	30.64 1.51 0.00	27.62 1.27 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.51 0.78 0.00	24.06 0.56 0.00	22.21 0.50 0.00	25.14 0.54 0.00	23.69 0.52 0.00	33.83 0.78 0.00	38.22 0.95 0.00	31.12 0.82 0.00	18.58 0.54 0.00	16.05 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.33 0.27 0.00	6.09 0.21 0.00	8.53 0.34 0.00	8.94 0.38 0.00	25.88 1.16 0.00	27.56 1.27 0.00	34.18 1.59 0.00	41.44 1.66 0.00	53.22 2.39 0.00	34.55 1.64 0.00	30.51 1.38 0.00	27.49 1.14 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.72 0.96 -0.04	24.18 0.70 0.02	-264.85 0.62 287.18	25.24 0.66 0.01	23.80 0.64 0.02	34.00 0.89 -0.06	38.39 1.09 -0.03	31.34 0.98 -0.06	18.73 0.70 0.01	16.14 0.56 0.01	9.25 0.26 0.00	20.35 0.68 0.00	8.35 0.28 0.00	6.12 0.24 0.00	8.57 0.38 0.00	9.00 0.44 0.00	26.02 1.30 0.00	27.62 1.33 0.00	34.17 1.58 0.00	41.17 1.38 0.00	53.16 2.32 0.00	34.70 1.79 0.00	30.71 1.58 0.00	27.66 1.31 0.00

E179THST_13_KV_LOAD 356214	32.85 1.08 -0.04	24.27 0.79 0.02	-264.77 0.70 287.18	25.32 0.74 0.01	23.87 0.72 0.02	34.12 1.01 -0.06	38.54 1.24 -0.03	31.47 1.11 -0.06	18.82 0.78 0.01	16.21 0.63 0.01	9.29 0.31 0.00	20.44 0.77 0.00	8.39 0.32 0.00	6.15 0.26 0.00	8.61 0.42 0.00	9.04 0.48 0.00	26.13 1.41 0.00	27.74 1.44 0.00	34.31 1.72 0.00	41.36 1.58 0.00	53.39 2.56 0.00	34.84 1.94 0.00	30.82 1.69 0.00	27.75 1.40 0.00
EAST HAMPTON___GT 23717	36.26 2.02 -2.51	24.32 0.83 0.00	21.75 0.04 0.00	24.59 0.00 0.00	23.26 0.09 0.00	34.12 1.08 0.00	39.10 1.83 0.00	33.38 1.78 -1.30	20.85 1.05 -1.76	16.58 0.85 -0.13	9.47 0.49 0.00	20.80 1.13 0.00	8.49 0.42 0.00	6.21 0.33 0.00	8.70 0.51 0.00	9.10 0.54 0.00	28.93 1.66 -2.55	27.71 1.38 -0.04	84.72 3.18 -48.95	107.09 4.11 -63.19	107.50 5.56 -51.11	70.82 3.56 -34.36	51.64 3.12 -19.39	32.71 2.67 -3.69
EAST RIVER___6 23660	34.47 0.71 -2.03	24.03 0.54 0.00	35.67 0.44 -13.52	25.03 0.44 0.00	23.60 0.43 0.00	35.41 0.64 -1.73	39.51 0.79 -1.46	32.75 0.81 -1.65	18.69 0.64 0.00	19.77 0.61 -3.57	18.07 0.35 -8.74	24.53 0.85 -4.01	8.42 0.35 0.00	10.12 0.28 -3.96	12.60 0.45 -3.96	11.04 0.51 -1.98	26.22 1.50 0.00	28.24 1.57 -0.38	38.46 1.85 -4.01	45.21 1.80 -3.63	53.59 2.76 0.00	34.84 1.93 0.00	30.83 1.70 0.00	27.77 1.42 0.00
EAST RIVER___7 23524	34.47 0.71 -2.03	24.03 0.54 0.00	35.67 0.44 -13.52	25.03 0.44 0.00	23.60 0.43 0.00	35.41 0.64 -1.73	39.51 0.79 -1.46	32.75 0.81 -1.65	18.69 0.64 0.00	19.77 0.61 -3.57	18.07 0.35 -8.74	24.53 0.85 -4.01	8.42 0.35 0.00	10.12 0.28 -3.96	12.60 0.45 -3.96	11.04 0.51 -1.98	26.22 1.50 0.00	28.24 1.57 -0.38	38.46 1.85 -4.01	45.21 1.80 -3.63	53.59 2.76 0.00	34.84 1.93 0.00	30.83 1.70 0.00	27.77 1.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.43 0.71 0.00	24.01 0.52 0.00	22.15 0.44 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.72 0.67 0.00	38.08 0.81 0.00	31.04 0.74 0.00	18.58 0.54 0.00	16.08 0.49 0.00	9.25 0.27 0.00	20.36 0.69 0.00	8.36 0.29 0.00	6.12 0.23 0.00	8.56 0.37 0.00	8.98 0.42 0.00	26.00 1.28 0.00	27.64 1.35 0.00	34.23 1.63 0.00	41.40 1.61 0.00	53.20 2.37 0.00	34.57 1.66 0.00	30.56 1.43 0.00	27.56 1.21 0.00
EAST_HAMPTON___DIESEL 23722	36.25 2.02 -2.51	24.30 0.81 0.00	21.70 0.00 0.00	24.54 -0.05 0.00	23.21 0.04 0.00	34.09 1.04 0.00	39.06 1.80 0.00	33.37 1.77 -1.30	20.85 1.05 -1.76	16.57 0.85 -0.13	9.47 0.49 0.00	20.81 1.14 0.00	8.49 0.42 0.00	6.21 0.33 0.00	8.70 0.51 0.00	9.09 0.54 0.00	28.91 1.64 -2.55	27.67 1.33 -0.04	84.72 3.18 -48.95	107.10 4.12 -63.19	107.52 5.57 -51.11	70.83 3.56 -34.36	51.65 3.13 -19.39	32.72 2.68 -3.69
EAST_POINT___SOLAR 323840	33.45 1.73 0.00	24.76 1.27 0.00	22.87 1.16 0.00	25.92 1.34 0.00	24.49 1.32 0.00	35.15 2.11 0.00	39.24 1.98 0.00	30.81 0.51 0.00	18.05 0.00 0.00	15.44 -0.15 0.00	8.92 -0.06 0.00	19.53 -0.14 0.00	7.97 -0.10 0.00	5.79 -0.09 0.00	8.03 -0.16 0.00	8.40 -0.16 0.00	24.27 -0.45 0.00	26.07 -0.22 0.00	32.82 0.23 0.00	41.72 1.94 0.00	53.84 3.01 0.00	34.80 1.89 0.00	30.75 1.62 0.00	27.69 1.34 0.00
EAST_PULASKI___ESR 323781	31.30 -0.43 0.00	23.14 -0.36 0.00	21.36 -0.35 0.00	24.20 -0.39 0.00	22.81 -0.36 0.00	32.54 -0.51 0.00	36.75 -0.51 0.00	29.74 -0.56 0.00	17.63 -0.41 0.00	15.22 -0.37 0.00	8.78 -0.19 0.00	19.20 -0.47 0.00	7.87 -0.19 0.00	5.74 -0.15 0.00	7.98 -0.21 0.00	8.30 -0.26 0.00	23.93 -0.79 0.00	28.37 -0.66 -2.74	41.21 -0.62 -9.23	39.22 -0.56 0.00	50.03 -0.80 0.00	32.29 -0.62 0.00	28.55 -0.58 0.00	25.86 -0.49 0.00
EAST_RIVER___1 323558	34.41 0.65 -2.03	23.98 0.49 0.00	35.64 0.41 -13.52	24.99 0.40 0.00	23.56 0.39 0.00	35.35 0.58 -1.73	39.43 0.71 -1.46	32.67 0.72 -1.65	18.63 0.59 0.00	19.71 0.55 -3.57	18.04 0.31 -8.74	24.46 0.78 -4.01	8.39 0.32 0.00	10.10 0.26 -3.96	12.57 0.42 -3.96	11.01 0.47 -1.98	26.12 1.40 0.00	28.14 1.47 -0.38	38.35 1.74 -4.01	45.07 1.66 -3.63	53.43 2.60 0.00	34.74 1.83 0.00	30.76 1.62 0.00	27.72 1.37 0.00
EAST_RIVER___2 323559	34.47 0.71 -2.03	24.03 0.54 0.00	35.67 0.44 -13.52	25.03 0.44 0.00	23.60 0.43 0.00	35.41 0.64 -1.73	39.51 0.79 -1.46	32.75 0.81 -1.65	18.69 0.64 0.00	19.77 0.61 -3.57	18.07 0.35 -8.74	24.53 0.85 -4.01	8.42 0.35 0.00	10.12 0.28 -3.96	12.60 0.45 -3.96	11.04 0.51 -1.98	26.22 1.50 0.00	28.24 1.57 -0.38	38.46 1.85 -4.01	45.21 1.80 -3.63	53.59 2.76 0.00	34.84 1.93 0.00	30.83 1.70 0.00	27.77 1.42 0.00
EAST___DELAWARE_HYD 23607	32.44 0.72 0.00	24.02 0.52 0.00	22.18 0.47 0.00	25.11 0.52 0.00	23.67 0.50 0.00	33.83 0.78 0.00	38.25 0.99 0.00	31.14 0.84 0.00	18.57 0.52 0.00	15.98 0.39 0.00	9.17 0.18 0.00	20.14 0.47 0.00	8.28 0.21 0.00	6.05 0.17 0.00	8.46 0.27 0.00	8.87 0.32 0.00	25.72 0.99 0.00	27.49 1.19 0.00	34.20 1.61 0.00	41.58 1.79 0.00	53.44 2.61 0.00	34.65 1.74 0.00	30.55 1.42 0.00	27.50 1.15 0.00
EIGHT_POINT___WT_PWR 323820	31.67 -0.06 0.00	23.32 -0.17 0.00	21.63 -0.07 0.00	24.69 0.10 0.00	23.21 0.04 0.00	33.03 -0.01 0.00	37.40 0.13 0.00	30.25 -0.05 0.00	17.85 -0.19 0.00	15.55 -0.05 0.00	9.11 0.13 0.00	19.35 -0.32 0.00	8.03 -0.03 0.00	5.80 -0.08 0.00	8.07 -0.12 0.00	8.33 -0.22 0.00	24.04 -0.68 0.00	26.69 -0.52 -0.92	35.35 -0.36 -3.12	39.78 -0.01 0.00	50.67 -0.16 0.00	32.48 -0.43 0.00	28.49 -0.64 0.00	25.60 -0.75 0.00
ELBRIDGE_115KV_TB2 80188	31.50 -0.22 0.00	23.31 -0.18 0.00	21.51 -0.19 0.00	24.41 -0.18 0.00	23.01 -0.16 0.00	32.79 -0.26 0.00	37.06 -0.20 0.00	30.05 -0.25 0.00	17.85 -0.20 0.00	15.43 -0.16 0.00	8.90 -0.08 0.00	19.40 -0.26 0.00	7.98 -0.09 0.00	5.82 -0.07 0.00	8.10 -0.09 0.00	8.44 -0.12 0.00	24.35 -0.37 0.00	28.13 -0.29 -2.13	39.52 -0.24 -7.17	39.50 -0.28 0.00	50.39 -0.44 0.00	32.52 -0.39 0.00	28.72 -0.41 0.00	26.02 -0.33 0.00
ELEC_TRO_TEK 24086	37.06 0.97 -4.37	24.16 0.67 0.00	22.24 0.54 0.00	25.15 0.56 0.00	23.71 0.54 0.00	33.93 0.88 0.00	38.31 1.04 0.00	31.17 0.87 0.00	18.65 0.60 0.00	16.09 0.50 0.00	9.25 0.27 0.00	20.35 0.68 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.56 0.37 0.00	9.00 0.44 0.00	30.64 1.48 -4.44	27.90 1.53 -0.07	93.57 1.83 -59.14	120.10 1.86 -78.45	111.02 2.71 -57.48	77.76 1.91 -42.95	64.52 1.70 -33.69	34.21 1.45 -6.41
ELLENBURG_WT_PWR 323604	31.77 0.05 0.00	23.53 0.04 0.00	21.76 0.05 0.00	24.66 0.07 0.00	23.21 0.04 0.00	33.16 0.11 0.00	37.44 0.17 0.00	30.53 0.23 0.00	18.20 0.16 0.00	15.70 0.10 0.00	9.05 0.07 0.00	19.78 0.11 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.20 0.00 0.00	8.57 0.01 0.00	24.78 0.06 0.00	26.31 0.02 0.00	32.58 -0.02 0.00	39.94 0.16 0.00	51.13 0.30 0.00	33.05 0.14 0.00	29.25 0.11 0.00	26.40 0.04 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.15 -0.57 0.00	22.95 -0.55 0.00	21.19 -0.51 0.00	24.10 -0.49 0.00	22.62 -0.55 0.00	31.93 -1.12 0.00	35.91 -1.36 0.00	29.51 -0.79 0.00	17.80 -0.25 0.00	15.60 0.01 0.00	9.20 0.22 0.00	19.45 -0.22 0.00	8.05 -0.02 0.00	5.83 -0.06 0.00	8.10 -0.10 0.00	8.41 -0.15 0.00	24.04 -0.68 0.00	25.93 -1.10 -0.74	33.47 -1.63 -2.50	38.15 -1.63 0.00	48.68 -2.15 0.00	31.08 -1.83 0.00	27.25 -1.88 0.00	24.90 -1.46 0.00
EMPIRE_CC_1 323656	32.29 0.56 0.00	23.86 0.37 0.00	22.08 0.38 0.00	25.02 0.42 0.00	23.56 0.39 0.00	33.52 0.47 0.00	37.53 0.26 0.00	30.51 0.22 0.00	18.27 0.23 0.00	15.78 0.19 0.00	9.04 0.06 0.00	20.00 0.33 0.00	8.20 0.13 0.00	5.99 0.10 0.00	8.33 0.14 0.00	8.72 0.16 0.00	25.27 0.55 0.00	26.70 0.40 0.00	32.93 0.34 0.00	40.03 0.25 0.00	50.94 0.11 0.00	33.17 0.26 0.00	29.60 0.47 0.00	26.77 0.42 0.00
EMPIRE_CC_2 323658	32.29 0.56 0.00	23.86 0.37 0.00	22.08 0.38 0.00	25.02 0.42 0.00	23.56 0.39 0.00	33.52 0.47 0.00	37.53 0.26 0.00	30.51 0.22 0.00	18.27 0.23 0.00	15.78 0.19 0.00	9.04 0.06 0.00	20.00 0.33 0.00	8.20 0.13 0.00	5.99 0.10 0.00	8.33 0.14 0.00	8.72 0.16 0.00	25.27 0.55 0.00	26.70 0.40 0.00	32.93 0.34 0.00	40.03 0.25 0.00	50.94 0.11 0.00	33.17 0.26 0.00	29.60 0.47 0.00	26.77 0.42 0.00
ENORWICH_115KV_TB1 80156	33.92 2.19 0.00	25.09 1.60 0.00	23.24 1.53 0.00	26.39 1.80 0.00	24.96 1.79 0.00	35.88 2.84 0.00	40.70 3.43 0.00	32.59 2.30 0.00	18.82 0.78 0.00	16.02 0.43 0.00	9.24 0.26 0.00	20.07 0.41 0.00	8.27 0.20 0.00	5.97 0.09 0.00	8.28 0.09 0.00	8.61 0.06 0.00	24.94 0.21 0.00	28.06 0.80 -0.98	38.30 2.12 -3.59	43.05 3.27 0.00	54.92 4.08 0.00	35.34 2.43 0.00	30.99 1.85 0.00	27.76 1.40 0.00
ERIE_ST__34_KV_TB1-2 80199	31.21 -0.52 0.00	22.97 -0.52 0.00	21.22 -0.48 0.00	24.15 -0.44 0.00	22.66 -0.51 0.00	32.01 -1.03 0.00	36.11 -1.16 0.00	29.67 -0.62 0.00	17.88 -0.17 0.00	15.68 0.09 0.00	9.22 0.24 0.00	19.52 -0.15 0.00	8.08 0.01 0.00	5.85 -0.04 0.00	8.12 -0.07 0.00	8.43 -0.12 0.00	24.17 -0.55 0.00	26.11 -0.93 -0.75	33.75 -1.39 -2.54	38.42 -1.45 0.00	49.04 -1.79 0.00	31.30 -1.61 0.00	27.46 -1.67 0.00	25.05 -1.31 0.00
ERIE_WT_PWR 323693	31.31 -0.41 0.00	23.04 -0.45 0.00	21.28 -0.43 0.00	24.21 -0.38 0.00	22.71 -0.46 0.00	32.09 -0.95 0.00	36.11 -1.15 0.00	29.65 -0.64 0.00	17.87 -0.17 0.00	15.67 0.07 0.00	9.23 0.25 0.00	19.52 -0.15 0.00	8.07 0.01 0.00	5.85 -0.04 0.00	8.12 -0.06 0.00	8.44 -0.12 0.00	24.13 -0.59 0.00	26.01 -1.03 -0.74	33.67 -1.45 -2.53	38.39 -1.39 0.00	49.04 -1.79 0.00	31.28 -1.63 0.00	27.43 -1.70 0.00	25.01 -1.35 0.00
ESPRGFLD_115KV_TB1 80157	33.44 1.72 0.00	24.76 1.27 0.00	22.87 1.16 0.00	25.93 1.33 0.00	24.51 1.34 0.00	35.22 2.17 0.00	39.86 2.59 0.00	31.94 1.64 0.00	18.73 0.69 0.00	16.08 0.49 0.00	9.30 0.32 0.00	20.27 0.60 0.00	8.29 0.22 0.00	6.02 0.14 0.00	8.35 0.16 0.00	8.71 0.15 0.00	25.13 0.41 0.00	27.43 0.80 -0.33	35.25 1.43 -1.22	41.68 1.90 0.00	53.13 2.30 0.00	34.34 1.43 0.00	30.28 1.14 0.00	27.26 0.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.32 0.59 0.00	23.89 0.40 0.00	22.08 0.37 0.00	25.04 0.45 0.00	23.61 0.44 0.00	33.71 0.67 0.00	38.13 0.86 0.00	30.85 0.55 0.00	18.17 0.13 0.00	15.63 0.04 0.00	9.01 0.03 0.00	19.61 -0.06 0.00	8.06 -0.01 0.00	5.87 -0.02 0.00	8.17 -0.02 0.00	8.52 -0.04 0.00	24.61 -0.11 0.00	27.66 0.08 -1.29	37.49 0.50 -4.40	40.59 0.80 0.00	51.84 1.01 0.00	33.46 0.56 0.00	29.50 0.37 0.00	26.64 0.29 0.00
ETNA_____115KV_TB2 80207	32.32 0.59 0.00	23.89 0.40 0.00	22.08 0.37 0.00	25.04 0.45 0.00	23.61 0.44 0.00	33.71 0.67 0.00	38.13 0.86 0.00	30.85 0.55 0.00	18.17 0.13 0.00	15.63 0.04 0.00	9.01 0.03 0.00	19.61 -0.06 0.00	8.06 -0.01 0.00	5.87 -0.02 0.00	8.17 -0.02 0.00	8.52 -0.04 0.00	24.61 -0.11 0.00	27.66 0.08 -1.29	37.49 0.50 -4.40	40.59 0.80 0.00	51.84 1.01 0.00	33.46 0.56 0.00	29.50 0.37 0.00	26.64 0.29 0.00
EUCLID___115KV_TB2 356179	31.39 -0.33 0.00	23.23 -0.27 0.00	21.46 -0.24 0.00	24.33 -0.27 0.00	22.92 -0.25 0.00	32.69 -0.35 0.00	36.92 -0.35 0.00	29.97 -0.32 0.00	17.80 -0.25 0.00	15.39 -0.21 0.00	8.88 -0.10 0.00	19.40 -0.27 0.00	7.96 -0.10 0.00	5.80 -0.08 0.00	8.08 -0.12 0.00	8.42 -0.14 0.00	24.29 -0.43 0.00	27.97 -0.39 -2.07	39.21 -0.35 -6.97	39.36 -0.42 0.00	50.20 -0.63 0.00	32.45 -0.46 0.00	28.68 -0.46 0.00	25.95 -0.41 0.00
E_CANADA_CAP_HY 24051	33.12 1.40 0.00	24.54 1.05 0.00	22.65 0.94 0.00	25.66 1.08 0.00	24.24 1.07 0.00	34.76 1.72 0.00	39.12 1.85 0.00	31.24 0.94 0.00	18.37 0.32 0.00	15.76 0.17 0.00	9.10 0.12 0.00	19.91 0.24 0.00	8.13 0.07 0.00	5.92 0.04 0.00	8.20 0.01 0.00	8.57 0.02 0.00	24.71 -0.01 0.00	26.46 0.15 -0.02	33.91 0.62 -0.69	41.27 1.49 0.00	52.97 2.14 0.00	34.25 1.34 0.00	30.34 1.21 0.00	27.36 1.01 0.00
E_CANADA_MHWK_HY 24050	33.13 1.41 0.00	24.48 0.98 0.00	22.69 0.98 0.00	25.69 1.09 0.00	24.25 1.08 0.00	34.55 1.51 0.00	38.68 1.42 0.00	30.89 0.59 0.00	17.84 -0.20 0.00	15.21 -0.38 0.00	8.68 -0.30 0.00	19.25 -0.42 0.00	7.84 -0.23 0.00	5.69 -0.19 0.00	7.88 -0.31 0.00	8.21 -0.34 0.00	24.05 -0.67 0.00	25.90 -0.39 0.00	32.77 0.17 0.00	40.79 1.00 0.00	52.39 1.56 0.00	34.14 1.23 0.00	30.53 1.39 0.00	27.43 1.07 0.00
E_FISHKILL___LBMP 23776	32.31 0.59 0.00	23.92 0.42 0.00	22.08 0.37 0.00	24.99 0.40 0.00	23.54 0.37 0.00	33.61 0.57 0.00	37.93 0.66 0.00	30.90 0.60 0.00	18.48 0.43 0.00	15.99 0.40 0.00	9.19 0.20 0.00	20.23 0.57 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.50 0.31 0.00	8.91 0.35 0.00	25.80 1.08 0.00	27.43 1.14 0.00	33.97 1.37 0.00	41.10 1.31 0.00	52.77 1.94 0.00	34.28 1.38 0.00	30.33 1.19 0.00	27.34 0.99 0.00
FALCON___SEABRD_CC1 323796	32.17 0.44 0.00	23.76 0.26 0.00	21.98 0.28 0.00	24.90 0.31 0.00	23.45 0.28 0.00	33.47 0.42 0.00	37.82 0.55 0.00	30.90 0.60 0.00	18.38 0.34 0.00	15.85 0.26 0.00	9.14 0.16 0.00	20.00 0.34 0.00	8.18 0.11 0.00	5.95 0.07 0.00	8.28 0.09 0.00	8.64 0.09 0.00	25.05 0.32 0.00	26.59 0.30 0.00	32.95 0.35 0.00	40.36 0.57 0.00	51.65 0.82 0.00	33.41 0.50 0.00	29.59 0.46 0.00	26.67 0.32 0.00
FALCON___SEABRD_CC2 323797	32.17 0.44 0.00	23.76 0.26 0.00	21.98 0.28 0.00	24.90 0.31 0.00	23.45 0.28 0.00	33.47 0.42 0.00	37.82 0.55 0.00	30.90 0.60 0.00	18.38 0.34 0.00	15.85 0.26 0.00	9.14 0.16 0.00	20.00 0.34 0.00	8.18 0.11 0.00	5.95 0.07 0.00	8.28 0.09 0.00	8.64 0.09 0.00	25.05 0.32 0.00	26.59 0.30 0.00	32.95 0.35 0.00	40.36 0.57 0.00	51.65 0.82 0.00	33.41 0.50 0.00	29.59 0.46 0.00	26.67 0.32 0.00

FAR ROCKAWAY___4 23548	37.50 1.26 -4.51	24.38 0.88 0.00	22.44 0.73 0.00	25.37 0.77 0.00	23.92 0.75 0.00	34.23 1.19 0.00	38.64 1.38 0.00	31.43 1.13 0.00	18.80 0.76 0.00	16.23 0.64 0.00	9.33 0.34 0.00	20.51 0.84 0.00	8.41 0.34 0.00	6.15 0.27 0.00	8.63 0.44 0.00	9.07 0.52 0.00	31.01 1.71 -4.59	28.18 1.81 -0.08	95.90 2.17 -61.14	123.13 2.25 -81.09	113.51 3.26 -59.42	79.56 2.26 -44.40	65.93 1.98 -34.82	34.67 1.70 -6.63
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.41 0.68 0.00	24.00 0.50 0.00	22.13 0.42 0.00	25.00 0.41 0.00	23.56 0.39 0.00	33.65 0.60 0.00	38.00 0.74 0.00	31.02 0.72 0.00	18.63 0.59 0.00	16.14 0.54 0.00	9.29 0.31 0.00	20.44 0.77 0.00	8.39 0.32 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.03 0.47 0.00	26.12 1.40 0.00	27.75 1.46 0.00	34.34 1.74 0.00	41.45 1.67 0.00	53.43 2.60 0.00	34.75 1.84 0.00	30.80 1.67 0.00	27.73 1.38 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.41 0.69 0.00	24.01 0.51 0.00	22.13 0.42 0.00	25.01 0.42 0.00	23.57 0.40 0.00	33.66 0.61 0.00	38.02 0.75 0.00	31.03 0.73 0.00	18.63 0.59 0.00	16.14 0.54 0.00	9.29 0.31 0.00	20.43 0.76 0.00	8.39 0.32 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.03 0.47 0.00	26.11 1.40 0.00	27.75 1.46 0.00	34.34 1.74 0.00	41.45 1.67 0.00	53.44 2.61 0.00	34.75 1.85 0.00	30.77 1.64 0.00	27.73 1.38 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.39 0.66 0.00	23.98 0.49 0.00	22.11 0.41 0.00	24.99 0.40 0.00	23.56 0.39 0.00	33.63 0.58 0.00	37.99 0.73 0.00	31.01 0.71 0.00	18.62 0.57 0.00	16.13 0.54 0.00	9.28 0.30 0.00	20.43 0.76 0.00	8.39 0.32 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.02 0.47 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.32 1.73 0.00	41.42 1.64 0.00	53.40 2.56 0.00	34.74 1.83 0.00	30.75 1.62 0.00	27.71 1.36 0.00
FARRAGUT___LBMP 323566	32.37 0.64 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.54 0.37 0.00	33.61 0.56 0.00	37.96 0.70 0.00	30.98 0.68 0.00	18.60 0.55 0.00	16.11 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.08 1.35 0.00	27.70 1.41 0.00	34.28 1.69 0.00	41.39 1.61 0.00	53.35 2.52 0.00	34.71 1.80 0.00	30.73 1.59 0.00	27.69 1.34 0.00
FARRCKWY_69_KV_BK2 55825	37.50 1.26 -4.51	24.38 0.88 0.00	22.44 0.73 0.00	25.37 0.77 0.00	23.92 0.75 0.00	34.23 1.19 0.00	38.64 1.38 0.00	31.43 1.13 0.00	18.80 0.76 0.00	16.23 0.64 0.00	9.33 0.34 0.00	20.51 0.84 0.00	8.41 0.34 0.00	6.15 0.27 0.00	8.63 0.44 0.00	9.07 0.52 0.00	31.01 1.71 -4.59	28.18 1.81 -0.08	95.90 2.17 -61.14	123.13 2.25 -81.09	113.51 3.26 -59.42	79.56 2.26 -44.40	65.93 1.98 -34.82	34.67 1.70 -6.63
FENNER___WINDPWR 24204	32.28 0.55 0.00	23.88 0.39 0.00	22.07 0.36 0.00	25.01 0.42 0.00	23.57 0.41 0.00	33.69 0.64 0.00	38.06 0.79 0.00	30.73 0.44 0.00	18.13 0.08 0.00	15.62 0.03 0.00	9.01 0.03 0.00	19.70 0.04 0.00	8.08 0.02 0.00	5.88 -0.01 0.00	8.17 -0.02 0.00	8.52 -0.04 0.00	24.62 -0.10 -1.22	27.59 0.08 -4.14	37.25 0.51 0.00	40.67 0.89 0.00	51.95 1.12 0.00	33.56 0.65 0.00	29.62 0.49 0.00	26.73 0.38 0.00
FIBERTEK___ENERGY 23856	31.65 -0.07 0.00	23.41 -0.08 0.00	21.63 -0.08 0.00	24.53 -0.07 0.00	23.12 -0.06 0.00	32.95 -0.09 0.00	37.24 -0.02 0.00	30.21 -0.09 0.00	17.92 -0.12 0.00	15.49 -0.10 0.00	8.93 -0.05 0.00	19.50 -0.17 0.00	8.01 -0.06 0.00	5.84 -0.05 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.46 -0.26 0.00	28.31 -0.16 -2.18	39.88 -0.06 -7.35	39.72 -0.06 0.00	50.67 -0.16 0.00	32.72 -0.19 0.00	28.88 -0.25 0.00	26.14 -0.21 0.00
FITZPATRICK___ 23598	30.87 -0.86 0.00	22.86 -0.64 0.00	21.12 -0.59 0.00	23.93 -0.66 0.00	22.55 -0.62 0.00	32.15 -0.90 0.00	36.26 -1.00 0.00	29.47 -0.83 0.00	17.50 -0.54 0.00	15.15 -0.44 0.00	8.74 -0.24 0.00	19.09 -0.58 0.00	7.84 -0.23 0.00	5.71 -0.17 0.00	7.95 -0.24 0.00	8.28 -0.27 0.00	23.90 -0.82 0.00	16.25 -0.85 9.20	0.73 -0.97 30.90	38.61 -1.17 0.00	49.24 -1.59 0.00	31.84 -1.07 0.00	28.16 -0.97 0.00	25.51 -0.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.70 0.97 0.00	24.19 0.70 0.00	22.33 0.62 0.00	25.28 0.68 0.00	23.82 0.65 0.00	34.03 0.98 0.00	38.45 1.19 0.00	31.32 1.03 0.00	18.72 0.67 0.00	16.17 0.57 0.00	9.28 0.30 0.00	20.42 0.74 0.00	8.39 0.32 0.00	6.13 0.24 0.00	8.57 0.38 0.00	8.99 0.43 0.00	26.05 1.33 0.00	27.77 1.47 0.00	34.44 1.84 0.00	41.73 1.95 0.00	53.58 2.75 0.00	34.76 1.86 0.00	30.71 1.58 0.00	27.66 1.31 0.00
FORT ORANGE___ 23900	32.27 0.54 0.00	23.88 0.39 0.00	22.09 0.39 0.00	25.03 0.44 0.00	23.56 0.40 0.00	33.59 0.54 0.00	37.74 0.48 0.00	30.63 0.33 0.00	18.14 0.10 0.00	15.66 0.07 0.00	9.00 0.02 0.00	19.84 0.18 0.00	8.14 0.07 0.00	5.94 0.05 0.00	8.27 0.08 0.00	8.64 0.09 0.00	25.07 0.34 0.00	26.62 0.33 0.00	32.99 0.40 0.00	40.17 0.39 0.00	51.27 0.43 0.00	33.38 0.47 0.00	29.64 0.50 0.00	26.85 0.49 0.00
FORT_DRUM_COGEN 23780	31.62 -0.10 0.00	23.33 -0.16 0.00	21.45 -0.26 0.00	24.30 -0.29 0.00	22.95 -0.22 0.00	32.87 -0.18 0.00	37.24 -0.03 0.00	29.71 -0.58 0.00	17.40 -0.64 0.00	14.92 -0.67 0.00	8.57 -0.41 0.00	18.72 -0.94 0.00	7.64 -0.42 0.00	5.56 -0.32 0.00	7.73 -0.46 0.00	8.04 -0.52 0.00	23.21 -1.51 0.00	26.73 -1.25 -1.69	37.59 -0.69 -5.68	39.93 0.15 0.00	51.00 0.17 0.00	32.72 -0.19 0.00	29.01 -0.12 0.00	26.13 -0.22 0.00
FOX_HILLS___ESR 323835	32.52 0.79 0.00	24.11 0.61 0.00	22.21 0.50 0.00	25.09 0.49 0.00	23.62 0.46 0.00	33.65 0.60 0.00	37.95 0.68 0.00	31.00 0.71 0.00	18.59 0.55 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.37 0.71 0.00	8.36 0.30 0.00	6.13 0.25 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.08 1.36 0.00	27.75 1.45 0.00	34.35 1.76 0.00	41.47 1.69 0.00	53.44 2.60 0.00	34.83 1.93 0.00	30.82 1.69 0.00	27.77 1.42 0.00
FPL_FAR_ROCK_GT1 24212	37.49 1.26 -4.51	24.38 0.88 0.00	22.44 0.73 0.00	25.37 0.78 0.00	23.92 0.75 0.00	34.23 1.18 0.00	38.63 1.37 0.00	31.43 1.13 0.00	18.80 0.76 0.00	16.23 0.64 0.00	9.32 0.34 0.00	20.51 0.84 0.00	8.41 0.34 0.00	6.15 0.27 0.00	8.63 0.44 0.00	9.07 0.52 0.00	31.02 1.71 -4.59	28.19 1.82 -0.08	95.90 2.17 -61.14	123.13 2.25 -81.09	113.51 3.26 -59.42	79.56 2.26 -44.40	65.93 1.98 -34.82	34.67 1.70 -6.63
FPL_FAR_ROCK_GT2 23815	37.49 1.26 -4.51	24.38 0.88 0.00	22.44 0.73 0.00	25.37 0.78 0.00	23.92 0.75 0.00	34.23 1.18 0.00	38.63 1.37 0.00	31.43 1.13 0.00	18.80 0.76 0.00	16.23 0.64 0.00	9.32 0.34 0.00	20.51 0.84 0.00	8.41 0.34 0.00	6.15 0.27 0.00	8.63 0.44 0.00	9.07 0.52 0.00	31.02 1.71 -4.59	28.19 1.82 -0.08	95.90 2.17 -61.14	123.13 2.25 -81.09	113.51 3.26 -59.42	79.56 2.26 -44.40	65.93 1.98 -34.82	34.67 1.70 -6.63



FRANKLIN_FALL_HYD 24054	31.86 0.13 0.00	23.64 0.15 0.00	21.86 0.15 0.00	24.78 0.19 0.00	23.33 0.16 0.00	33.37 0.32 0.00	37.73 0.47 0.00	30.77 0.47 0.00	18.33 0.29 0.00	15.77 0.18 0.00	9.09 0.11 0.00	19.87 0.20 0.00	8.12 0.05 0.00	5.90 0.02 0.00	8.21 0.02 0.00	8.57 0.02 0.00	24.80 0.08 0.00	26.35 0.06 0.00	32.68 0.08 0.00	40.19 0.40 0.00	51.49 0.66 0.00	33.29 0.38 0.00	29.40 0.26 0.00	26.51 0.16 0.00
FREEPORT_EQUS_GT1 23764	36.24 1.19 -3.33	24.32 0.82 0.00	22.38 0.68 0.00	25.29 0.70 0.00	23.87 0.70 0.00	34.17 1.12 0.00	38.57 1.30 0.00	31.37 1.07 0.00	18.76 0.72 0.00	16.17 0.58 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.35 0.29 0.00	6.11 0.23 0.00	8.59 0.40 0.00	9.03 0.48 0.00	29.72 1.62 -3.38	28.10 1.75 -0.06	79.73 2.11 -45.02	101.70 2.21 -59.71	97.60 3.02 -43.75	67.79 2.19 -32.69	56.71 1.94 -25.64	32.89 1.66 -4.88
FREEPORT___CT2 23818	36.24 1.19 -3.33	24.32 0.82 0.00	22.38 0.68 0.00	25.29 0.70 0.00	23.87 0.70 0.00	34.17 1.12 0.00	38.57 1.30 0.00	31.37 1.07 0.00	18.76 0.72 0.00	16.17 0.58 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.35 0.29 0.00	6.11 0.23 0.00	8.59 0.40 0.00	9.03 0.48 0.00	29.72 1.62 -3.38	28.10 1.75 -0.06	79.73 2.11 -45.02	101.70 2.21 -59.71	97.60 3.02 -43.75	67.79 2.19 -32.69	56.71 1.94 -25.64	32.89 1.66 -4.88
FRESHKLS_33_KV_LOAD 356253	32.64 0.92 0.00	24.21 0.71 0.00	22.28 0.58 0.00	25.16 0.57 0.00	23.69 0.52 0.00	33.73 0.68 0.00	38.01 0.74 0.00	31.04 0.74 0.00	18.60 0.55 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.36 0.69 0.00	8.36 0.29 0.00	6.13 0.25 0.00	8.62 0.43 0.00	9.04 0.49 0.00	26.11 1.39 0.00	27.79 1.50 0.00	34.42 1.83 0.00	41.57 1.78 0.00	53.57 2.74 0.00	34.92 2.01 0.00	30.88 1.74 0.00	27.83 1.48 0.00
FULTON COGEN____ 23766	30.94 -0.79 0.00	22.90 -0.60 0.00	21.16 -0.54 0.00	23.97 -0.62 0.00	22.59 -0.57 0.00	32.22 -0.83 0.00	36.38 -0.89 0.00	29.56 -0.74 0.00	17.58 -0.46 0.00	15.18 -0.42 0.00	8.75 -0.23 0.00	19.14 -0.53 0.00	7.85 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.93 -0.79 0.00	28.59 -0.78 -3.08	42.13 -0.84 -10.37	38.77 -1.01 0.00	49.46 -1.37 0.00	31.98 -0.92 0.00	28.26 -0.87 0.00	25.58 -0.77 0.00
FULTON___LFGE 323630	33.15 1.43 0.00	24.54 1.05 0.00	22.67 0.96 0.00	25.68 1.09 0.00	24.26 1.09 0.00	34.76 1.72 0.00	39.05 1.79 0.00	31.07 0.77 0.00	18.20 0.16 0.00	15.57 -0.02 0.00	8.99 0.01 0.00	19.70 0.03 0.00	8.05 -0.02 0.00	5.85 -0.03 0.00	8.12 -0.07 0.00	8.50 -0.06 0.00	24.55 -0.17 0.00	26.31 0.02 0.00	33.14 0.54 0.00	41.43 1.65 0.00	53.30 2.47 0.00	34.49 1.58 0.00	30.50 1.37 0.00	27.48 1.13 0.00
G.F.CEMENT___DRP 24184	33.28 1.55 0.00	24.67 1.18 0.00	22.88 1.17 0.00	25.95 1.35 0.00	24.47 1.30 0.00	35.01 1.96 0.00	39.39 2.12 0.00	31.89 1.60 0.00	18.73 0.69 0.00	16.07 0.48 0.00	9.16 0.18 0.00	20.25 0.58 0.00	8.27 0.20 0.00	6.00 0.11 0.00	8.34 0.15 0.00	8.70 0.15 0.00	25.40 0.68 0.00	26.99 0.70 0.00	33.76 1.17 0.00	41.64 1.85 0.00	53.14 2.31 0.00	34.54 1.63 0.00	30.64 1.51 0.00	27.60 1.25 0.00
GARDENVILLE___LBMP 24039	31.23 -0.49 0.00	23.00 -0.50 0.00	21.25 -0.45 0.00	24.17 -0.42 0.00	22.68 -0.49 0.00	32.03 -1.01 0.00	36.04 -1.22 0.00	29.59 -0.71 0.00	17.83 -0.22 0.00	15.63 0.04 0.00	9.21 0.23 0.00	19.48 -0.19 0.00	8.07 0.00 0.00	5.84 -0.05 0.00	8.11 -0.08 0.00	8.42 -0.13 0.00	24.10 -0.62 0.00	26.02 -1.02 -0.74	33.61 -1.51 -2.53	38.31 -1.47 0.00	48.88 -1.95 0.00	31.19 -1.72 0.00	27.33 -1.80 0.00	24.93 -1.42 0.00
GARDNVLA_35_KV_LD 355827	31.31 -0.41 0.00	23.05 -0.44 0.00	21.30 -0.41 0.00	24.22 -0.37 0.00	22.73 -0.44 0.00	32.08 -0.96 0.00	36.11 -1.15 0.00	29.68 -0.62 0.00	17.90 -0.14 0.00	15.70 0.10 0.00	9.25 0.27 0.00	19.54 -0.13 0.00	8.09 0.02 0.00	5.86 -0.02 0.00	8.14 -0.05 0.00	8.45 -0.11 0.00	24.18 -0.54 0.00	26.11 -0.93 -0.74	33.71 -1.41 -2.53	38.43 -1.36 0.00	49.05 -1.78 0.00	31.32 -1.59 0.00	27.46 -1.67 0.00	25.05 -1.31 0.00
GELCKHM___115KV_LOAD 80723	31.50 -0.23 0.00	23.31 -0.19 0.00	21.53 -0.17 0.00	24.40 -0.18 0.00	23.00 -0.17 0.00	32.80 -0.25 0.00	37.05 -0.21 0.00	30.06 -0.23 0.00	17.84 -0.20 0.00	15.42 -0.18 0.00	8.89 -0.09 0.00	19.42 -0.24 0.00	7.98 -0.09 0.00	5.81 -0.07 0.00	8.09 -0.10 0.00	8.43 -0.12 0.00	24.34 -0.38 0.00	28.11 -0.32 -2.14	39.55 -0.25 -7.20	39.51 -0.28 0.00	50.39 -0.44 0.00	32.57 -0.34 0.00	28.76 -0.37 0.00	26.03 -0.32 0.00
GENERAL___MILLS 23808	31.27 -0.46 0.00	23.02 -0.47 0.00	21.27 -0.44 0.00	24.19 -0.40 0.00	22.70 -0.47 0.00	32.05 -1.00 0.00	36.07 -1.20 0.00	29.63 -0.67 0.00	17.86 -0.18 0.00	15.66 0.07 0.00	9.23 0.25 0.00	19.51 -0.16 0.00	8.08 0.01 0.00	5.85 -0.04 0.00	8.13 -0.06 0.00	8.43 -0.12 0.00	24.13 -0.59 0.00	26.06 -0.98 -0.74	33.66 -1.47 -2.53	38.36 -1.42 0.00	48.95 -1.88 0.00	31.25 -1.66 0.00	27.40 -1.73 0.00	25.00 -1.35 0.00
GE_PLASTICS___DRP 24183	32.15 0.43 0.00	23.79 0.30 0.00	22.01 0.30 0.00	24.93 0.34 0.00	23.48 0.31 0.00	33.46 0.41 0.00	37.61 0.34 0.00	30.56 0.27 0.00	18.16 0.12 0.00	15.69 0.10 0.00	9.01 0.03 0.00	19.87 0.20 0.00	8.15 0.09 0.00	5.95 0.07 0.00	8.29 0.10 0.00	8.67 0.12 0.00	25.11 0.39 0.00	26.67 0.38 0.00	33.04 0.44 0.00	40.15 0.37 0.00	51.26 0.42 0.00	33.34 0.43 0.00	29.59 0.46 0.00	26.78 0.43 0.00
GILBOA___1 23756	32.13 0.40 0.00	23.79 0.30 0.00	21.98 0.28 0.00	24.89 0.31 0.00	23.46 0.29 0.00	33.46 0.41 0.00	37.69 0.43 0.00	30.65 0.35 0.00	18.27 0.22 0.00	15.79 0.19 0.00	9.07 0.09 0.00	19.96 0.29 0.00	8.22 0.15 0.00	6.00 0.12 0.00	8.37 0.18 0.00	8.76 0.20 0.00	25.27 0.55 0.00	26.87 0.58 0.00	33.29 0.70 0.00	40.37 0.59 0.00	51.63 0.79 0.00	33.62 0.71 0.00	29.77 0.64 0.00	26.88 0.53 0.00
GILBOA___2 23757	32.13 0.40 0.00	23.79 0.30 0.00	21.98 0.28 0.00	24.89 0.31 0.00	23.46 0.29 0.00	33.46 0.41 0.00	37.69 0.43 0.00	30.65 0.35 0.00	18.27 0.22 0.00	15.79 0.19 0.00	9.07 0.09 0.00	19.96 0.29 0.00	8.22 0.15 0.00	6.00 0.12 0.00	8.37 0.18 0.00	8.76 0.20 0.00	25.27 0.55 0.00	26.87 0.58 0.00	33.29 0.70 0.00	40.37 0.59 0.00	51.63 0.79 0.00	33.62 0.71 0.00	29.77 0.64 0.00	26.88 0.53 0.00
GILBOA___3 23758	32.13 0.40 0.00	23.79 0.30 0.00	21.98 0.28 0.00	24.89 0.31 0.00	23.46 0.29 0.00	33.46 0.41 0.00	37.69 0.43 0.00	30.65 0.35 0.00	18.27 0.22 0.00	15.79 0.19 0.00	9.07 0.09 0.00	19.96 0.29 0.00	8.22 0.15 0.00	6.00 0.12 0.00	8.37 0.18 0.00	8.76 0.20 0.00	25.27 0.55 0.00	26.87 0.58 0.00	33.29 0.70 0.00	40.37 0.59 0.00	51.63 0.79 0.00	33.62 0.71 0.00	29.77 0.64 0.00	26.88 0.53 0.00

GILBOA___4 23759	32.13 0.40 0.00	23.79 0.30 0.00	21.98 0.28 0.00	24.89 0.31 0.00	23.46 0.29 0.00	33.46 0.41 0.00	37.69 0.43 0.00	30.65 0.35 0.00	18.27 0.22 0.00	15.79 0.19 0.00	9.07 0.09 0.00	19.96 0.29 0.00	8.22 0.15 0.00	6.00 0.12 0.00	8.37 0.18 0.00	8.76 0.20 0.00	25.27 0.55 0.00	26.87 0.58 0.00	33.29 0.70 0.00	40.37 0.59 0.00	51.63 0.79 0.00	33.62 0.71 0.00	29.77 0.64 0.00	26.88 0.53 0.00
GILBOA____ 23599	32.13 0.40 0.00	23.79 0.29 0.00	21.98 0.28 0.00	24.89 0.31 0.00	23.45 0.28 0.00	33.46 0.41 0.00	37.70 0.44 0.00	30.65 0.35 0.00	18.27 0.22 0.00	15.79 0.19 0.00	9.07 0.09 0.00	19.96 0.29 0.00	8.22 0.15 0.00	6.00 0.12 0.00	8.37 0.18 0.00	8.76 0.20 0.00	25.27 0.55 0.00	26.87 0.57 0.00	33.29 0.70 0.00	40.37 0.59 0.00	51.63 0.79 0.00	33.62 0.71 0.00	29.77 0.64 0.00	26.89 0.53 0.00
GINNA____ 23603	30.01 -1.72 0.00	22.15 -1.34 0.00	20.45 -1.26 0.00	23.22 -1.37 0.00	21.87 -1.30 0.00	31.20 -1.84 0.00	35.23 -2.04 0.00	28.70 -1.60 0.00	17.10 -0.94 0.00	14.84 -0.75 0.00	8.61 -0.37 0.00	18.62 -1.05 0.00	7.64 -0.43 0.00	5.57 -0.32 0.00	7.74 -0.45 0.00	8.05 -0.50 0.00	23.25 -1.48 0.00	25.47 -1.58 -0.76	33.22 -1.95 -2.58	37.53 -2.25 0.00	47.94 -2.89 0.00	30.81 -2.09 0.00	27.11 -2.02 0.00	24.58 -1.77 0.00
GLEN PARK____ 23778	31.60 -0.13 0.00	23.31 -0.19 0.00	21.43 -0.27 0.00	24.28 -0.31 0.00	22.94 -0.23 0.00	32.85 -0.19 0.00	37.22 -0.04 0.00	29.69 -0.61 0.00	17.37 -0.67 0.00	14.89 -0.70 0.00	8.55 -0.43 0.00	18.67 -1.00 0.00	7.63 -0.44 0.00	5.55 -0.34 0.00	7.71 -0.48 0.00	8.02 -0.54 0.00	23.15 -1.57 0.00	26.74 -1.31 -1.75	37.80 -0.70 -5.91	39.95 0.17 0.00	51.01 0.18 0.00	32.71 -0.20 0.00	28.98 -0.15 0.00	26.12 -0.23 0.00
GLENDALE_27_KV_LOAD 356172	32.45 0.73 0.00	24.08 0.58 0.00	22.20 0.49 0.00	25.07 0.48 0.00	23.63 0.46 0.00	33.66 0.61 0.00	38.03 0.76 0.00	31.09 0.79 0.00	18.69 0.65 0.00	16.19 0.59 0.00	9.32 0.33 0.00	20.50 0.83 0.00	8.42 0.35 0.00	6.17 0.28 0.00	8.63 0.44 0.00	9.06 0.51 0.00	26.20 1.48 0.00	27.81 1.51 0.00	34.41 1.82 0.00	41.53 1.75 0.00	53.54 2.71 0.00	34.87 1.96 0.00	30.87 1.74 0.00	27.82 1.47 0.00
GLENWOOD_IC_1_G5 23712	36.79 1.04 -4.03	24.23 0.74 0.00	22.32 0.62 0.00	25.24 0.64 0.00	23.79 0.63 0.00	34.03 0.98 0.00	38.43 1.17 0.00	31.29 0.99 0.00	18.73 0.69 0.00	16.18 0.59 0.00	9.30 0.32 0.00	20.47 0.80 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.05 0.49 0.00	30.38 1.56 -4.09	27.95 1.59 -0.07	89.13 1.99 -54.54	114.11 1.97 -72.35	106.61 2.77 -53.01	74.44 1.93 -39.61	61.91 1.72 -31.07	33.78 1.52 -5.91
GLENWOOD_IC_2_G1 23688	32.76 0.85 -0.18	24.10 0.60 0.00	22.22 0.51 0.00	25.12 0.52 0.00	23.68 0.51 0.00	33.83 0.78 0.00	38.20 0.93 0.00	31.13 0.83 0.00	18.64 0.59 0.00	16.11 0.52 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.36 0.30 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.32 1.41 -0.19	27.78 1.48 0.00	36.89 1.78 -2.51	44.89 1.78 -3.33	55.88 2.61 -2.44	36.55 1.82 -1.82	32.16 1.60 -1.43	27.98 1.36 -0.27
GLENWOOD_IC_3_G1 23689	32.76 0.85 -0.18	24.10 0.60 0.00	22.22 0.51 0.00	25.12 0.52 0.00	23.68 0.51 0.00	33.83 0.78 0.00	38.20 0.93 0.00	31.13 0.83 0.00	18.64 0.59 0.00	16.11 0.52 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.36 0.30 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.32 1.41 -0.19	27.78 1.48 0.00	36.89 1.78 -2.51	44.89 1.78 -3.33	55.88 2.61 -2.44	36.55 1.82 -1.82	32.16 1.60 -1.43	27.98 1.36 -0.27
GLENWOOD___4 23550	36.79 1.04 -4.03	24.23 0.74 0.00	22.32 0.62 0.00	25.24 0.64 0.00	23.79 0.63 0.00	34.03 0.98 0.00	38.43 1.17 0.00	31.29 0.99 0.00	18.73 0.69 0.00	16.18 0.59 0.00	9.30 0.32 0.00	20.47 0.80 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.05 0.49 0.00	30.38 1.57 -4.09	27.98 1.62 -0.07	89.13 1.99 -54.54	114.14 2.01 -72.35	106.68 2.83 -53.01	74.48 1.96 -39.61	61.94 1.74 -31.07	33.78 1.52 -5.91
GLENWOOD___5 23614	36.79 1.04 -4.03	24.23 0.74 0.00	22.32 0.62 0.00	25.24 0.64 0.00	23.79 0.63 0.00	34.03 0.98 0.00	38.43 1.17 0.00	31.29 0.99 0.00	18.73 0.69 0.00	16.18 0.59 0.00	9.30 0.32 0.00	20.47 0.80 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.05 0.49 0.00	30.38 1.57 -4.09	27.98 1.62 -0.07	89.13 1.99 -54.54	114.14 2.01 -72.35	106.68 2.83 -53.01	74.48 1.96 -39.61	61.94 1.74 -31.07	33.78 1.52 -5.91
GLOBAL GREEN_PORT_GT1 23814	36.22 1.99 -2.51	24.44 0.95 0.00	22.01 0.31 0.00	24.89 0.30 0.00	23.54 0.37 0.00	34.34 1.29 0.00	39.22 1.95 0.00	33.40 1.81 -1.30	20.86 1.06 -1.76	16.57 0.85 -0.13	9.45 0.47 0.00	20.75 1.08 0.00	8.47 0.40 0.00	6.20 0.31 0.00	8.69 0.50 0.00	9.10 0.54 0.00	29.03 1.76 -2.55	27.95 1.62 -0.04	84.68 3.14 -48.95	106.93 3.95 -63.19	107.30 5.36 -51.11	70.71 3.45 -34.35	51.55 3.03 -19.39	32.63 2.59 -3.69
GLOBE___DSASP 323697	30.53 -1.19 0.00	22.52 -0.98 0.00	20.78 -0.93 0.00	23.63 -0.96 0.00	22.19 -0.98 0.00	31.25 -1.79 0.00	35.06 -2.21 0.00	28.89 -1.41 0.00	17.48 -0.57 0.00	15.33 -0.26 0.00	9.04 0.06 0.00	19.11 -0.56 0.00	7.90 -0.17 0.00	5.72 -0.16 0.00	7.94 -0.25 0.00	8.25 -0.31 0.00	23.53 -1.19 0.00	25.06 -1.70 -0.46	27.65 -2.45 2.49	27.63 -2.63 9.52	25.90 -3.40 21.52	25.35 -2.58 4.98	26.68 -2.45 0.00	24.48 -1.87 0.00
GOETHSLN___LBMP 323567	32.26 0.54 0.00	23.89 0.40 0.00	22.04 0.33 0.00	24.91 0.32 0.00	23.47 0.30 0.00	33.51 0.47 0.00	37.84 0.57 0.00	30.88 0.58 0.00	18.53 0.48 0.00	16.04 0.45 0.00	9.24 0.26 0.00	20.33 0.66 0.00	8.34 0.28 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.98 0.43 0.00	25.98 1.26 0.00	27.61 1.31 0.00	34.17 1.57 0.00	41.25 1.47 0.00	53.17 2.34 0.00	34.58 1.67 0.00	30.59 1.46 0.00	27.57 1.22 0.00
GOLAH___69_KV_TB 1_2 80279	31.61 -0.12 0.00	23.32 -0.17 0.00	21.53 -0.17 0.00	24.45 -0.14 0.00	23.01 -0.15 0.00	32.81 -0.24 0.00	37.00 -0.26 0.00	30.18 -0.11 0.00	17.98 -0.06 0.00	15.61 0.02 0.00	9.11 0.12 0.00	19.63 -0.04 0.00	8.03 -0.04 0.00	5.83 -0.05 0.00	8.10 -0.09 0.00	8.44 -0.12 0.00	24.41 -0.31 0.00	26.57 -0.46 -0.73	34.49 -0.60 -2.49	39.32 -0.46 0.00	50.27 -0.56 0.00	32.26 -0.65 0.00	28.36 -0.77 0.00	25.78 -0.57 0.00
GOODYEAR_LAKE_HYD 323669	33.75 2.03 0.00	24.97 1.48 0.00	23.09 1.38 0.00	26.19 1.60 0.00	24.76 1.59 0.00	35.61 2.56 0.00	40.36 3.10 0.00	32.41 2.11 0.00	18.95 0.91 0.00	16.26 0.67 0.00	9.40 0.42 0.00	20.50 0.83 0.00	8.39 0.32 0.00	6.09 0.20 0.00	8.43 0.24 0.00	8.79 0.23 0.00	25.44 0.72 0.00	28.15 1.25 -0.60	36.89 2.06 -2.23	41.95 2.16 0.00	52.78 1.95 0.00	34.18 1.27 0.00	30.14 1.00 0.00	27.15 0.80 0.00

GOUDEY___1 345031	31.99 0.26 0.00	23.65 0.15 0.00	21.87 0.16 0.00	24.79 0.20 0.00	23.36 0.19 0.00	33.32 0.27 0.00	37.65 0.38 0.00	30.55 0.25 0.00	18.13 0.09 0.00	15.68 0.09 0.00	9.05 0.07 0.00	19.73 0.07 0.00	8.13 0.06 0.00	5.92 0.04 0.00	8.24 0.05 0.00	8.59 0.04 0.00	24.80 0.08 0.00	27.42 0.18 -0.95	36.25 0.40 -3.25	40.24 0.46 0.00	51.30 0.46 0.00	33.18 0.28 0.00	29.29 0.15 0.00	26.46 0.11 0.00
GOUDEY___7 23579	31.99 0.26 0.00	23.65 0.15 0.00	21.87 0.16 0.00	24.79 0.20 0.00	23.36 0.19 0.00	33.32 0.27 0.00	37.65 0.38 0.00	30.55 0.25 0.00	18.13 0.09 0.00	15.68 0.09 0.00	9.05 0.07 0.00	19.73 0.07 0.00	8.13 0.06 0.00	5.92 0.04 0.00	8.24 0.05 0.00	8.59 0.04 0.00	24.80 0.08 0.00	27.42 0.18 -0.95	36.25 0.40 -3.25	40.24 0.46 0.00	51.30 0.46 0.00	33.18 0.28 0.00	29.29 0.15 0.00	26.46 0.11 0.00
GOUDEY___8 23580	31.99 0.26 0.00	23.65 0.15 0.00	21.87 0.16 0.00	24.79 0.20 0.00	23.36 0.19 0.00	33.32 0.27 0.00	37.65 0.38 0.00	30.55 0.25 0.00	18.13 0.09 0.00	15.68 0.09 0.00	9.05 0.07 0.00	19.73 0.07 0.00	8.13 0.06 0.00	5.92 0.04 0.00	8.24 0.05 0.00	8.59 0.04 0.00	24.80 0.08 0.00	27.42 0.18 -0.95	36.25 0.40 -3.25	40.24 0.46 0.00	51.30 0.46 0.00	33.18 0.28 0.00	29.29 0.15 0.00	26.46 0.11 0.00
GOWANUS_GT1_1 24077	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT1_2 24078	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT1_3 24079	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT1_4 24080	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT1_5 24084	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 												

GOWANUS_GT2_5 24118	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
GOWANUS_GT2_6 24119	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
GOWANUS_GT2_7 24120	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
GOWANUS_GT2_8 24121	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
GOWANUS_GT3_1 24122	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
GOWANUS_GT3_2 24123	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
GOWANUS_GT3_3 24124	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.0																					

GOWANUS_GT4_4 24133	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT4_5 24134	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT4_6 24135	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT4_7 24136	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GOWANUS_GT4_8 24137	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GREENBSH_115KV_TB3 55895	32.13 0.40 0.00	23.77 0.28 0.00	22.00 0.29 0.00	24.92 0.33 0.00	23.46 0.29 0.00	33.42 0.37 0.00	37.53 0.26 0.00	30.50 0.20 0.00	18.10 0.05 0.00	15.64 0.05 0.00	8.98 0.00 0.00	19.82 0.15 0.00	8.13 0.06 0.00	5.93 0.05 0.00	8.26 0.07 0.00	8.64 0.08 0.00	25.03 0.31 0.00	26.57 0.27 0.00	32.90 0.31 0.00	39.98 0.20 0.00	50.97 0.14 0.00	33.18 0.28 0.00	29.49 0.35 0.00	26.73 0.37 0.00
GREENDGE_115KV_TB5 80291	31.86 0.13 0.00	23.48 -0.02 0.00	21.74 0.03 0.00	24.71 0.12 0.00	23.26 0.09 0.00	33.13 0.08 0.00	37.55 0.29 0.00	30.40 0.11 0.00	17.96 -0.09 0.00	15.55 -0.05 0.00	9.04 0.06 0.00	19.42 -0.25 0.00	8.05 -0.02 0.00	5.83 -0.05 0.00	8.12 -0.07 0.00	8.42 -0.13 0.00	24.29 -0.43 0.00	27.04 -0.30 -1.04	36.06 -0.08 -3.54	40.01 0.23 0.00	51.02 0.18 0.00	32.80 -0.11 0.00	28.81 -0.32 0.00	26.05 -0.30 0.00
GREENIDGE___3 23582	31.86 0.13 0.00	23.48 -0.02 0.00	21.74 0.03 0.00	24.71 0.12 0.00	23.26 0.09 0.00	33.13 0.08 0.00	37.55 0.29 0.00	30.40 0.11 0.00	17.96 -0.09 0.00	15.55 -0.05 0.00	9.04 0.06 0.00	19.42 -0.25 0.00	8.05 -0.02 0.00	5.83 -0.05 0.00	8.12 -0.07 0.00	8.42 -0.13 0.00	24.29 -0.43 0.00	27.04 -0.30 -1.04	36.06 -0.08 -3.54	40.01 0.23 0.00	51.02 0.18 0.00	32.80 -0.11 0.00	28.81 -0.32 0.00	26.05 -0.30 0.00
GREENIDGE___4 23583	31.87 0.15 0.00	23.48 -0.02 0.00	21.74 0.03 0.00	24.71 0.12 0.00	23.26 0.09 0.00	33.14 0.09 0.00	37.56 0.30 0.00	30.40 0.11 0.00	17.95 -0.09 0.00	15.55 -0.05 0.00	9.04 0.06 0.00	19.42 -0.25 0.00	8.05 -0.02 0.00	5.83 -0.05 0.00	8.12 -0.07 0.00	8.42 -0.13 0.00	24.29 -0.43 0.00	27.01 -0.32 -1.04	36.06 -0.08 -3.54	40.01 0.22 0.00	51.02 0.18 0.00	32.79 -0.12 0.00	28.82 -0.31 0.00	26.05 -0.30 0.00
GREENLWN_69_KV_BK 3 55738	35.23 0.93 -2.57	24.10 0.60 0.00	22.15 0.44 0.00	25.04 0.44 0.00	23.62 0.45 0.00	33.86 0.81 0.00	38.21 0.94 0.00	30.08 0.72 0.94	17.25 0.47 1.27	15.85 0.35 0.09	9.16 0.18 0.00	20.15 0.48 0.00	8.25 0.18 0.00	6.04 0.15 0.00	8.48 0.29 0.00	8.92 0.36 0.00	28.69 1.35 -2.61	27.75 1.41 -0.04	58.34 1.64 -24.11	74.66 1.65 -33.22	74.17 2.45 -20.89	53.12 1.72 -18.50	50.60 1.64 -19.83	31.56 1.44 -3.77
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00
GRISSOM___SOLAR 323813	33.07 1.35 0.00	24.49 0.99 0.00	22.62 0.91 0.00	25.63 1.03 0.00	24.19 1.03 0.00	34.65 1.60 0.00	38.89 1.63 0.00	30.93 0.63 0.00	18.14 0.09 0.00	15.52 -0.07 0.00	8.96 -0.02 0.00	19.64 -0.03 0.00	8.03 -0.05 0.00	5.84 -0.04 0.00	8.11 -0.08 0.00	8.48 -0.07 0.00	24.53 -0.19 0.00	26.26 -0.03 0.00	33.06 0.46 0.00	41.34 1.56 0.00	53.17 2.34 0.00	34.43 1.52 0.00	30.45 1.32 0.00	27.44 1.09 0.00
GROVEVILLE___HYD 323602	32.70 0.97 0.00	24.19 0.70 0.00	22.33 0.62 0.00	25.28 0.68 0.00	23.82 0.65 0.00	34.03 0.98 0.00	38.45 1.19 0.00	31.32 1.03 0.00	18.72 0.67 0.00	16.17 0.57 0.00	9.28 0.30 0.00	20.42 0.74 0.00	8.39 0.32 0.00	6.13 0.24 0.00	8.57 0.38 0.00	8.99 0.43 0.00	26.05 1.33 0.00	27.77 1.47 0.00	34.44 1.84 0.00	41.73 1.95 0.00	53.58 2.75 0.00	34.76 1.86 0.00	30.71 1.58 0.00	27.66 1.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.65 -0.07 0.00	23.41 -0.08 0.00	21.63 -0.08 0.00	24.53 -0.07 0.00	23.12 -0.06 0.00	32.95 -0.09 0.00	37.24 -0.02 0.00	30.21 -0.09 0.00	17.92 -0.12 0.00	15.49 -0.10 0.00	8.93 -0.05 0.00	19.50 -0.17 0.00	8.01 -0.06 0.00	5.84 -0.05 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.46 -0.26 0.00	28.31 -0.16 -2.18	39.88 -0.06 -7.35	39.72 -0.06 0.00	50.67 -0.16 0.00	32.72 -0.19 0.00	28.88 -0.25 0.00	26.14 -0.21 0.00
HAMLTNNY_34_KV_TB 80303	31.72 -0.01 0.00	23.47 -0.03 0.00	21.66 -0.05 0.00	24.59 -0.01 0.00	23.16 -0.01 0.00	33.01 -0.04 0.00	37.33 0.06 0.00	30.25 -0.05 0.00	17.93 -0.12 0.00	15.49 -0.10 0.00	8.93 -0.05 0.00	19.49 -0.18 0.00	8.02 -0.05 0.00	5.84 -0.05 0.00	8.12 -0.07 0.00	8.46 -0.09 0.00	24.40 -0.32 0.00	28.14 -0.20 -2.05	39.45 -0.05 -6.90	39.81 0.02 0.00	50.78 -0.05 0.00	32.76 -0.15 0.00	28.90 -0.23 0.00	26.19 -0.16 0.00

HAMPSHIRE___PAPER_HYD 323593	31.21 -0.52 0.00	23.13 -0.36 0.00	21.30 -0.40 0.00	24.11 -0.48 0.00	22.76 -0.40 0.00	32.58 -0.47 0.00	36.65 -0.62 0.00	29.40 -0.90 0.00	17.32 -0.73 0.00	14.87 -0.72 0.00	8.55 -0.42 0.00	18.68 -0.98 0.00	7.63 -0.44 0.00	5.55 -0.33 0.00	7.71 -0.48 0.00	8.05 -0.51 0.00	23.25 -1.47 0.00	25.71 -1.46 -0.88	34.28 -1.27 -2.95	38.96 -0.82 0.00	49.91 -0.92 0.00	32.14 -0.77 0.00	28.59 -0.54 0.00	25.78 -0.57 0.00
HARDSCRABBLE_WT_PWR 323673	32.86 1.14 0.00	24.31 0.82 0.00	22.50 0.80 0.00	25.48 0.88 0.00	24.04 0.88 0.00	34.26 1.22 0.00	38.44 1.18 0.00	30.82 0.52 0.00	17.91 -0.13 0.00	15.31 -0.28 0.00	8.74 -0.24 0.00	19.34 -0.33 0.00	7.89 -0.18 0.00	5.73 -0.15 0.00	7.94 -0.25 0.00	8.28 -0.27 0.00	24.15 -0.57 0.00	25.94 -0.36 0.00	32.73 0.13 0.00	40.66 0.88 0.00	52.23 1.40 0.00	33.99 1.08 0.00	30.31 1.18 0.00	27.25 0.90 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.54 0.82 0.00	24.09 0.59 0.00	22.23 0.52 0.00	25.17 0.58 0.00	23.71 0.54 0.00	33.86 0.81 0.00	38.27 1.01 0.00	31.16 0.86 0.00	18.61 0.57 0.00	16.08 0.49 0.00	9.25 0.27 0.00	20.36 0.69 0.00	8.36 0.30 0.00	6.12 0.23 0.00	8.56 0.37 0.00	8.98 0.42 0.00	26.00 1.28 0.00	27.69 1.39 0.00	34.33 1.74 0.00	41.56 1.78 0.00	53.35 2.52 0.00	34.62 1.71 0.00	30.54 1.41 0.00	27.53 1.18 0.00
HARSNRAD_115KV_TB1 81005	30.94 -0.78 0.00	22.81 -0.68 0.00	21.05 -0.65 0.00	23.94 -0.65 0.00	22.48 -0.69 0.00	31.70 -1.35 0.00	35.50 -1.77 0.00	29.21 -1.09 0.00	17.62 -0.42 0.00	15.46 -0.13 0.00	9.15 0.17 0.00	19.32 -0.35 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.17 0.00	8.34 -0.22 0.00	23.77 -0.95 0.00	25.58 -1.44 -0.73	32.94 -2.14 -2.48	37.59 -2.19 0.00	48.02 -2.81 0.00	30.67 -2.23 0.00	26.96 -2.17 0.00	24.74 -1.61 0.00
HARZA MOOSE___RIVER 24016	32.15 0.43 0.00	23.78 0.29 0.00	21.91 0.20 0.00	24.80 0.21 0.00	23.43 0.26 0.00	33.53 0.48 0.00	37.90 0.64 0.00	30.44 0.14 0.00	17.86 -0.19 0.00	15.35 -0.24 0.00	8.82 -0.16 0.00	19.28 -0.38 0.00	7.88 -0.18 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.30 -0.26 0.00	23.98 -0.74 0.00	26.73 -0.48 -0.92	35.87 0.17 -3.11	40.63 0.84 0.00	51.92 1.09 0.00	33.44 0.53 0.00	29.61 0.48 0.00	26.65 0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.47 -0.25 0.00	23.29 -0.21 0.00	21.52 -0.19 0.00	24.39 -0.20 0.00	22.98 -0.19 0.00	32.79 -0.26 0.00	37.02 -0.24 0.00	30.06 -0.23 0.00	17.85 -0.20 0.00	15.43 -0.16 0.00	8.91 -0.07 0.00	19.46 -0.21 0.00	7.99 -0.08 0.00	5.82 -0.06 0.00	8.10 -0.09 0.00	8.44 -0.12 0.00	24.37 -0.35 0.00	27.85 -0.29 -1.85	38.59 -0.24 -6.23	39.48 -0.30 0.00	50.36 -0.48 0.00	32.55 -0.36 0.00	28.75 -0.38 0.00	26.01 -0.35 0.00
HELLGATE_13_KV_LD 55870	32.54 0.81 0.00	24.14 0.65 0.00	22.26 0.55 0.00	25.14 0.55 0.00	23.69 0.53 0.00	33.73 0.69 0.00	38.10 0.84 0.00	31.19 0.89 0.00	18.77 0.73 0.00	16.22 0.63 0.00	9.32 0.34 0.00	20.53 0.86 0.00	8.42 0.36 0.00	6.17 0.29 0.00	8.64 0.45 0.00	9.07 0.52 0.00	26.21 1.49 0.00	27.80 1.50 0.00	34.40 1.80 0.00	41.49 1.71 0.00	53.48 2.65 0.00	34.85 1.94 0.00	30.86 1.73 0.00	27.82 1.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.54 0.81 0.00	24.14 0.65 0.00	22.26 0.55 0.00	25.14 0.55 0.00	23.69 0.53 0.00	33.73 0.69 0.00	38.10 0.84 0.00	31.19 0.89 0.00	18.77 0.73 0.00	16.22 0.63 0.00	9.32 0.34 0.00	20.53 0.86 0.00	8.42 0.36 0.00	6.17 0.29 0.00	8.64 0.45 0.00	9.07 0.52 0.00	26.21 1.49 0.00	27.80 1.50 0.00	34.40 1.80 0.00	41.49 1.71 0.00	53.48 2.65 0.00	34.85 1.94 0.00	30.86 1.73 0.00	27.82 1.47 0.00
HEMPSTEAD___ 23647	36.42 1.09 -3.60	24.26 0.76 0.00	22.33 0.62 0.00	25.25 0.65 0.00	23.81 0.64 0.00	34.08 1.03 0.00	38.47 1.20 0.00	31.31 1.01 0.00	18.73 0.68 0.00	16.15 0.56 0.00	9.28 0.30 0.00	20.42 0.75 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.59 0.40 0.00	9.03 0.47 0.00	29.96 1.58 -3.66	28.03 1.67 -0.06	83.39 2.02 -48.78	106.57 2.08 -64.70	101.19 2.95 -47.41	70.38 2.05 -35.42	58.74 1.83 -27.78	33.21 1.57 -5.28
HICKLING___1 23621	31.68 -0.04 0.00	23.26 -0.23 0.00	21.60 -0.10 0.00	24.58 -0.01 0.00	23.08 -0.09 0.00	32.76 -0.29 0.00	37.20 -0.07 0.00	30.18 -0.12 0.00	17.91 -0.13 0.00	15.64 0.05 0.00	9.16 0.18 0.00	19.51 -0.16 0.00	8.18 0.11 0.00	5.89 0.01 0.00	8.23 0.04 0.00	8.50 -0.05 0.00	24.47 -0.25 0.00	27.11 -0.11 -0.93	35.73 -0.05 -3.19	39.92 0.14 0.00	50.67 -0.16 0.00	32.55 -0.36 0.00	28.61 -0.52 0.00	25.88 -0.48 0.00
HICKLING___2 23622	31.68 -0.04 0.00	23.26 -0.23 0.00	21.60 -0.10 0.00	24.58 -0.01 0.00	23.08 -0.09 0.00	32.76 -0.29 0.00	37.20 -0.07 0.00	30.18 -0.12 0.00	17.91 -0.13 0.00	15.64 0.05 0.00	9.16 0.18 0.00	19.51 -0.16 0.00	8.18 0.11 0.00	5.89 0.01 0.00	8.23 0.04 0.00	8.50 -0.05 0.00	24.47 -0.25 0.00	27.11 -0.11 -0.93	35.73 -0.05 -3.19	39.92 0.14 0.00	50.67 -0.16 0.00	32.55 -0.36 0.00	28.61 -0.52 0.00	25.88 -0.48 0.00
HIGH FALLS___HY 23754	32.69 0.97 0.00	24.19 0.70 0.00	22.33 0.62 0.00	25.27 0.68 0.00	23.82 0.65 0.00	34.05 1.01 0.00	38.54 1.27 0.00	31.40 1.10 0.00	18.74 0.70 0.00	16.13 0.54 0.00	9.24 0.27 0.00	20.31 0.64 0.00	8.35 0.28 0.00	6.11 0.22 0.00	8.55 0.36 0.00	8.96 0.41 0.00	25.94 1.22 0.00	27.71 1.41 0.00	34.50 1.90 0.00	41.88 2.09 0.00	53.83 3.00 0.00	34.89 1.98 0.00	30.77 1.64 0.00	27.68 1.33 0.00
HIGH_RIVER___SOLAR 323847	32.61 0.88 0.00	24.14 0.65 0.00	22.31 0.60 0.00	25.27 0.68 0.00	23.84 0.67 0.00	34.05 1.00 0.00	38.30 1.04 0.00	30.78 0.48 0.00	18.07 0.03 0.00	15.47 -0.12 0.00	8.91 -0.07 0.00	19.62 -0.04 0.00	8.02 -0.05 0.00	5.84 -0.04 0.00	8.12 -0.07 0.00	8.50 -0.06 0.00	24.58 -0.14 0.00	26.37 0.08 0.00	33.10 0.50 0.00	40.82 1.04 0.00	52.33 1.49 0.00	33.91 1.00 0.00	30.03 0.90 0.00	27.11 0.76 0.00
HILLBURN___GT 23639	32.44 0.71 0.00	24.02 0.52 0.00	22.17 0.46 0.00	25.10 0.51 0.00	23.63 0.46 0.00	33.74 0.70 0.00	38.13 0.86 0.00	31.07 0.78 0.00	18.58 0.53 0.00	16.07 0.48 0.00	9.25 0.26 0.00	20.37 0.70 0.00	8.36 0.30 0.00	6.12 0.23 0.00	8.57 0.38 0.00	8.99 0.43 0.00	26.00 1.28 0.00	27.66 1.36 0.00	34.25 1.65 0.00	41.43 1.65 0.00	53.19 2.36 0.00	34.53 1.63 0.00	30.48 1.34 0.00	27.48 1.13 0.00
HILLSIDE_115KV_TB1 80332	31.26 -0.47 0.00	22.93 -0.56 0.00	21.30 -0.40 0.00	24.23 -0.37 0.00	22.74 -0.43 0.00	32.22 -0.82 0.00	36.65 -0.62 0.00	29.75 -0.55 0.00	17.71 -0.33 0.00	15.51 -0.08 0.00	9.08 0.09 0.00	19.33 -0.33 0.00	8.13 0.06 0.00	5.85 -0.03 0.00	8.19 0.00 0.00	8.45 -0.10 0.00	24.30 -0.42 -0.93	26.87 -0.36 -3.19	35.36 -0.42 0.00	39.44 -0.34 0.00	49.95 -0.88 0.00	32.12 -0.79 0.00	28.27 -0.86 0.00	25.62 -0.73 0.00

HISHELDN_WT_PWR 323625	31.25 -0.47 0.00	22.99 -0.50 0.00	21.26 -0.44 0.00	24.19 -0.40 0.00	22.72 -0.45 0.00	32.13 -0.91 0.00	36.18 -1.09 0.00	29.53 -0.77 0.00	17.68 -0.36 0.00	15.48 -0.11 0.00	9.11 0.13 0.00	19.30 -0.37 0.00	8.00 -0.07 0.00	5.79 -0.09 0.00	8.05 -0.14 0.00	8.35 -0.21 0.00	23.94 -0.78 0.00	26.02 -1.05 -0.78	33.85 -1.39 -2.65	38.47 -1.32 0.00	49.11 -1.72 0.00	31.39 -1.52 0.00	27.50 -1.64 0.00	24.87 -1.48 0.00
HOLTSVILLE_IC_1 23690	35.43 1.20 -2.51	24.28 0.79 0.00	22.28 0.58 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.14 1.09 0.00	38.61 1.35 0.00	32.75 1.13 -1.33	20.53 0.70 -1.79	16.24 0.52 -0.13	9.23 0.25 0.00	20.30 0.63 0.00	8.29 0.23 0.00	6.07 0.18 0.00	8.53 0.34 0.00	8.97 0.41 0.00	28.80 1.54 -2.55	28.03 1.70 -0.04	83.93 2.16 -49.17	105.65 2.40 -63.46	105.59 3.36 -51.39	69.72 2.25 -34.57	50.52 2.04 -19.35	31.79 1.76 -3.68
HOLTSVILLE_IC_10 23699	35.58 1.33 -2.53	24.37 0.88 0.00	22.37 0.67 0.00	25.28 0.69 0.00	23.86 0.69 0.00	34.29 1.24 0.00	38.80 1.54 0.00	32.83 1.28 -1.25	20.51 0.78 -1.68	16.30 0.59 -0.12	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.44 0.00	28.91 1.63 -2.57	28.16 1.82 -0.04	83.49 2.36 -48.54	105.16 2.66 -62.72	105.11 3.71 -50.56	69.27 2.45 -33.91	50.81 2.17 -19.51	31.93 1.87 -3.71
HOLTSVILLE_IC_2 23691	35.43 1.20 -2.51	24.28 0.79 0.00	22.28 0.58 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.14 1.09 0.00	38.61 1.35 0.00	32.75 1.13 -1.33	20.53 0.70 -1.79	16.24 0.52 -0.13	9.23 0.25 0.00	20.30 0.63 0.00	8.29 0.23 0.00	6.07 0.18 0.00	8.53 0.34 0.00	8.97 0.41 0.00	28.80 1.54 -2.55	28.03 1.70 -0.04	83.93 2.16 -49.17	105.65 2.40 -63.46	105.59 3.36 -51.39	69.72 2.25 -34.57	50.52 2.04 -19.35	31.79 1.76 -3.68
HOLTSVILLE_IC_3 23692	35.43 1.20 -2.51	24.28 0.79 0.00	22.28 0.58 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.14 1.09 0.00	38.61 1.35 0.00	32.75 1.13 -1.33	20.53 0.70 -1.79	16.24 0.52 -0.13	9.23 0.25 0.00	20.30 0.63 0.00	8.29 0.23 0.00	6.07 0.18 0.00	8.53 0.34 0.00	8.97 0.41 0.00	28.80 1.54 -2.55	28.03 1.70 -0.04	83.93 2.16 -49.17	105.65 2.40 -63.46	105.59 3.36 -51.39	69.72 2.25 -34.57	50.52 2.04 -19.35	31.79 1.76 -3.68
HOLTSVILLE_IC_4 23693	35.43 1.20 -2.51	24.28 0.79 0.00	22.28 0.58 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.14 1.09 0.00	38.61 1.35 0.00	32.75 1.13 -1.33	20.53 0.70 -1.79	16.24 0.52 -0.13	9.23 0.25 0.00	20.30 0.63 0.00	8.29 0.23 0.00	6.07 0.18 0.00	8.53 0.34 0.00	8.97 0.41 0.00	28.80 1.54 -2.55	28.03 1.70 -0.04	83.93 2.16 -49.17	105.65 2.40 -63.46	105.59 3.36 -51.39	69.72 2.25 -34.57	50.52 2.04 -19.35	31.79 1.76 -3.68
HOLTSVILLE_IC_5 23694	35.43 1.20 -2.51	24.28 0.79 0.00	22.28 0.58 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.14 1.09 0.00	38.61 1.35 0.00	32.75 1.13 -1.33	20.53 0.70 -1.79	16.24 0.52 -0.13	9.23 0.25 0.00	20.30 0.63 0.00	8.29 0.23 0.00	6.07 0.18 0.00	8.53 0.34 0.00	8.97 0.41 0.00	28.80 1.54 -2.55	28.03 1.70 -0.04	83.93 2.16 -49.17	105.65 2.40 -63.46	105.59 3.36 -51.39	69.72 2.25 -34.57	50.52 2.04 -19.35	31.79 1.76 -3.68
HOLTSVILLE_IC_6 23695	35.58 1.33 -2.53	24.37 0.88 0.00	22.37 0.67 0.00	25.28 0.69 0.00	23.86 0.69 0.00	34.29 1.24 0.00	38.80 1.54 0.00	32.83 1.28 -1.25	20.51 0.78 -1.68	16.30 0.59 -0.12	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.44 0.00	28.91 1.63 -2.57	28.16 1.82 -0.04	83.49 2.36 -48.54	105.16 2.66 -62.72	105.11 3.71 -50.56	69.27 2.45 -33.91	50.81 2.17 -19.51	31.93 1.87 -3.71
HOLTSVILLE_IC_7 23696	35.58 1.33 -2.53	24.37 0.88 0.00	22.37 0.67 0.00	25.28 0.69 0.00	23.86 0.69 0.00	34.29 1.24 0.00	38.80 1.54 0.00	32.83 1.28 -1.25	20.51 0.78 -1.68	16.30 0.59 -0.12	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.44 0.00	28.91 1.63 -2.57	28.16 1.82 -0.04	83.49 2.36 -48.54	105.16 2.66 -62.72	105.11 3.71 -50.56	69.27 2.45 -33.91	50.81 2.17 -19.51	31.93 1.87 -3.71
HOLTSVILLE_IC_8 23697	35.58 1.33 -2.53	24.37 0.88 0.00	22.37 0.67 0.00	25.28 0.69 0.00	23.86 0.69 0.00	34.29 1.24 0.00	38.80 1.54 0.00	32.83 1.28 -1.25	20.51 0.78 -1.68	16.30 0.59 -0.12	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.44 0.00	28.91 1.63 -2.57	28.16 1.82 -0.04	83.49 2.36 -48.54	105.16 2.66 -62.72	105.11 3.71 -50.56	69.27 2.45 -33.91	50.81 2.17 -19.51	31.93 1.87 -3.71
HOLTSVILLE_IC_9 23698	35.58 1.33 -2.53	24.37 0.88 0.00	22.37 0.67 0.00	25.28 0.69 0.00	23.86 0.69 0.00	34.29 1.24 0.00	38.80 1.54 0.00	32.83 1.28 -1.25	20.51 0.78 -1.68	16.30 0.59 -0.12	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.44 0.00	28.91 1.63 -2.57	28.16 1.82 -0.04	83.49 2.36 -48.54	105.16 2.66 -62.72	105.11 3.71 -50.56	69.27 2.45 -33.91	50.81 2.17 -19.51	31.93 1.87 -3.71
HOMER_HL_115KV_TB2 355744	31.32 -0.40 0.00	23.03 -0.46 0.00	21.34 -0.37 0.00	24.30 -0.29 0.00	22.78 -0.39 0.00	32.30 -0.74 0.00	36.58 -0.68 0.00	29.89 -0.40 0.00	17.90 -0.14 0.00	15.65 0.06 0.00	9.17 0.19 0.00	19.55 -0.12 0.00	8.13 0.06 0.00	5.88 0.00 0.00	8.20 0.01 0.00	8.50 -0.06 0.00	24.41 -0.31 0.00	26.45 -0.61 -0.77	34.41 -0.80 -2.61	38.94 -0.84 0.00	49.72 -1.11 0.00	31.80 -1.11 0.00	27.85 -1.28 0.00	25.28 -1.07 0.00
HOWARD_WT_PWR 323690	31.73 0.00 0.00	23.37 -0.13 0.00	21.68 -0.03 0.00	24.73 0.14 0.00	23.26 0.09 0.00	33.10 0.06 0.00	37.49 0.22 0.00	30.32 0.03 0.00	17.89 -0.15 0.00	15.57 -0.02 0.00	9.12 0.14 0.00	19.38 -0.29 0.00	8.04 -0.02 0.00	5.81 -0.07 0.00	8.08 -0.11 0.00	8.35 -0.21 0.00	24.07 -0.65 0.00	26.74 -0.48 -0.93	35.47 -0.28 -3.16	39.87 0.08 0.00	50.77 -0.06 0.00	32.56 -0.35 0.00	28.56 -0.57 0.00	25.66 -0.69 0.00
HQ_GEN_CEDARS 23644	31.76 0.04 0.00	23.58 0.09 0.00	21.77 0.07 0.00	24.66 0.07 0.00	23.24 0.07 0.00	33.20 0.15 0.00	37.42 0.16 0.00	30.42 0.12 0.00	18.14 0.10 0.00	15.65 0.06 0.00	9.03 0.05 0.00	19.71 0.04 0.00	8.06 -0.01 0.00	5.88 -0.01 0.00	8.16 -0.03 0.00	8.54 -0.02 0.00	24.68 -0.04 0.00	26.18 -0.11 0.00	32.46 -0.14 0.00	39.85 0.06 0.00	51.05 0.22 0.00	32.95 0.04 0.00	29.19 0.05 0.00	26.40 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	31.76 0.04 0.00	23.58 0.09 0.00	21.77 0.07 0.00	24.66 0.07 0.00	23.24 0.07 0.00	33.20 0.15 0.00	37.42 0.16 0.00	30.42 0.12 0.00	18.14 0.10 0.00	15.65 0.06 0.00	9.03 0.05 0.00	19.71 0.04 0.00	8.06 -0.01 0.00	5.88 -0.01 0.00	8.16 -0.03 0.00	8.54 -0.02 0.00	24.68 -0.04 0.00	26.19 -0.11 0.00	32.46 -0.14 0.00	32.50 0.06 7.34	65.04 0.22 -13.99	32.95 0.04 0.00	29.19 0.05 0.00	26.40 0.05 0.00

HQ_GEN_CHPE_PROXY 323851	-18.32 0.58 50.63	23.91 0.43 0.02	-315.01 0.35 337.07	24.93 0.34 0.01	23.48 0.33 0.02	-9.45 0.49 42.99	1.55 0.60 36.31	-10.19 0.62 41.10	18.55 0.52 0.01	-72.79 0.49 88.87	-208.66 0.27 217.92	-79.62 0.70 99.99	8.35 0.29 0.00	-92.53 0.24 98.65	-90.08 0.38 98.65	-40.33 0.44 49.33	26.02 1.30 0.00	18.15 1.37 9.51	-65.77 1.62 99.99	-61.16 1.53 102.47	75.61 2.46 -22.32	34.27 1.77 0.40	30.71 1.57 0.00	27.68 1.32 0.00
HQ_GEN_IMPORT 323601	31.83 0.10 0.00	23.58 0.09 0.00	21.78 0.08 0.00	24.67 0.08 0.00	23.24 0.07 0.00	33.17 0.12 0.00	37.42 0.16 0.00	30.45 0.16 0.00	18.15 0.11 0.00	15.86 0.09 -0.18	9.04 0.06 0.00	19.77 0.10 0.00	8.10 0.03 0.00	5.91 0.02 0.00	8.22 0.03 0.00	8.58 0.03 0.00	24.81 0.09 0.00	26.37 0.08 0.00	32.65 0.06 0.00	27.88 0.14 12.05	73.39 0.23 -22.32	32.62 0.11 0.40	29.23 0.10 0.00	26.44 0.09 0.00
HQ_GEN_WHEEL 23651	31.83 0.10 0.00	23.58 0.09 0.00	21.78 0.08 0.00	24.67 0.08 0.00	23.24 0.07 0.00	33.17 0.12 0.00	37.42 0.16 0.00	30.45 0.16 0.00	18.15 0.11 0.00	15.86 0.09 -0.18	9.04 0.06 0.00	19.77 0.10 0.00	8.10 0.03 0.00	5.91 0.02 0.00	8.22 0.03 0.00	8.58 0.03 0.00	24.81 0.09 0.00	26.37 0.08 0.00	32.65 0.06 0.00	27.88 0.14 12.05	73.39 0.23 -22.32	32.62 0.11 0.40	29.23 0.10 0.00	26.44 0.09 0.00
HUDSON_AVE_GT_3 23810	32.41 0.69 0.00	24.01 0.51 0.00	22.13 0.42 0.00	25.01 0.42 0.00	23.57 0.40 0.00	33.66 0.61 0.00	38.02 0.75 0.00	31.03 0.73 0.00	18.64 0.59 0.00	16.14 0.55 0.00	9.29 0.31 0.00	20.45 0.78 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.13 1.41 0.00	27.76 1.46 0.00	34.35 1.76 0.00	41.47 1.68 0.00	53.45 2.62 0.00	34.77 1.86 0.00	30.78 1.64 0.00	27.73 1.38 0.00
HUDSON_AVE_GT_4 23540	32.41 0.69 0.00	24.01 0.51 0.00	22.13 0.42 0.00	25.01 0.42 0.00	23.57 0.40 0.00	33.66 0.61 0.00	38.02 0.75 0.00	31.03 0.73 0.00	18.64 0.59 0.00	16.14 0.55 0.00	9.29 0.31 0.00	20.45 0.78 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.13 1.41 0.00	27.76 1.46 0.00	34.35 1.76 0.00	41.47 1.68 0.00	53.45 2.62 0.00	34.77 1.86 0.00	30.78 1.64 0.00	27.73 1.38 0.00
HUDSON_AVE_GT_5 23657	32.41 0.69 0.00	24.01 0.51 0.00	22.13 0.42 0.00	25.01 0.42 0.00	23.57 0.40 0.00	33.66 0.61 0.00	38.02 0.75 0.00	31.03 0.73 0.00	18.64 0.59 0.00	16.14 0.55 0.00	9.29 0.31 0.00	20.45 0.78 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.13 1.41 0.00	27.76 1.46 0.00	34.35 1.76 0.00	41.47 1.68 0.00	53.45 2.62 0.00	34.77 1.86 0.00	30.78 1.64 0.00	27.73 1.38 0.00
HUDSON_AVE_10 24168	32.21 0.53 0.05	23.89 0.40 0.00	-265.77 0.32 287.80	24.89 0.30 0.00	23.47 0.30 0.00	33.48 0.45 0.02	37.86 0.59 0.00	30.93 0.64 0.00	18.58 0.53 0.00	16.09 0.50 0.00	9.27 0.29 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.05 1.33 0.00	27.68 1.39 0.00	34.25 1.65 0.00	41.28 1.50 0.00	53.20 2.37 0.00	34.65 1.74 0.00	30.69 1.56 0.00	27.65 1.30 0.00
HUDSON___115KV_TB 4 355613	32.65 0.93 0.00	24.15 0.66 0.00	22.34 0.63 0.00	25.30 0.71 0.00	23.85 0.68 0.00	34.01 0.96 0.00	38.26 0.99 0.00	31.00 0.70 0.00	18.27 0.23 0.00	15.75 0.15 0.00	9.04 0.06 0.00	19.93 0.26 0.00	8.17 0.10 0.00	5.95 0.07 0.00	8.29 0.10 0.00	8.67 0.12 0.00	25.15 0.43 0.00	26.76 0.46 0.00	33.25 0.65 0.00	40.65 0.87 0.00	52.07 1.24 0.00	33.86 0.95 0.00	30.02 0.88 0.00	27.15 0.80 0.00
HUNTER MOUNT___DRP 323613	32.77 1.04 0.00	24.24 0.75 0.00	22.41 0.71 0.00	25.40 0.81 0.00	23.93 0.77 0.00	34.15 1.10 0.00	38.44 1.18 0.00	31.16 0.86 0.00	18.34 0.30 0.00	15.78 0.19 0.00	9.05 0.07 0.00	19.97 0.31 0.00	8.18 0.12 0.00	5.96 0.07 0.00	8.29 0.10 0.00	8.67 0.12 0.00	25.17 0.45 0.00	26.81 0.51 0.00	33.35 0.76 0.00	40.79 1.01 0.00	52.27 1.44 0.00	33.99 1.08 0.00	30.11 0.98 0.00	27.23 0.87 0.00
HUNTINGTON_RES_REC 323705	35.31 1.05 -2.54	24.07 0.58 0.00	22.06 0.36 0.00	24.93 0.34 0.00	23.53 0.36 0.00	33.73 0.68 0.00	38.07 0.81 0.00	30.22 0.60 0.67	17.52 0.39 0.91	15.80 0.27 0.07	9.11 0.13 0.00	20.03 0.37 0.00	8.20 0.13 0.00	6.00 0.12 0.00	8.42 0.23 0.00	8.86 0.31 0.00	28.53 1.22 -2.59	27.64 1.31 -0.04	60.87 1.51 -26.76	77.68 1.50 -36.39	77.26 2.24 -24.18	55.95 1.74 -21.30	50.54 1.83 -19.58	31.66 1.58 -3.73
HUNTLEY___63 23557	31.56 -0.16 0.00	23.23 -0.26 0.00	21.45 -0.25 0.00	24.40 -0.19 0.00	22.90 -0.27 0.00	32.34 -0.71 0.00	36.30 -0.96 0.00	29.83 -0.46 0.00	17.97 -0.07 0.00	15.76 0.17 0.00	9.31 0.33 0.00	19.67 0.01 0.00	8.13 0.07 0.00	5.89 0.01 0.00	8.18 0.00 0.00	8.50 -0.05 0.00	24.31 -0.41 0.00	26.20 -0.83 -0.74	33.77 -1.33 -2.51	38.58 -1.21 0.00	49.26 -1.57 0.00	31.41 -1.49 0.00	27.57 -1.56 0.00	25.24 -1.11 0.00
HUNTLEY___64 23558	31.56 -0.16 0.00	23.23 -0.26 0.00	21.45 -0.25 0.00	24.40 -0.19 0.00	22.90 -0.27 0.00	32.34 -0.71 0.00	36.30 -0.96 0.00	29.83 -0.46 0.00	17.97 -0.07 0.00	15.76 0.17 0.00	9.31 0.33 0.00	19.67 0.01 0.00	8.13 0.07 0.00	5.89 0.01 0.00	8.18 0.00 0.00	8.50 -0.05 0.00	24.31 -0.41 0.00	26.20 -0.83 -0.74	33.77 -1.33 -2.51	38.58 -1.21 0.00	49.26 -1.57 0.00	31.41 -1.49 0.00	27.57 -1.56 0.00	25.24 -1.11 0.00
HUNTLEY___65 23559	31.56 -0.16 0.00	23.23 -0.26 0.00	21.45 -0.25 0.00	24.40 -0.19 0.00	22.90 -0.27 0.00	32.34 -0.71 0.00	36.30 -0.96 0.00	29.83 -0.46 0.00	17.97 -0.07 0.00	15.76 0.17 0.00	9.31 0.33 0.00	19.67 0.01 0.00	8.13 0.07 0.00	5.89 0.01 0.00	8.18 0.00 0.00	8.50 -0.05 0.00	24.31 -0.41 0.00	26.20 -0.83 -0.74	33.77 -1.33 -2.51	38.58 -1.21 0.00	49.26 -1.57 0.00	31.41 -1.49 0.00	27.57 -1.56 0.00	25.24 -1.11 0.00
HUNTLEY___66 23560	31.56 -0.16 0.00	23.23 -0.26 0.00	21.45 -0.25 0.00	24.40 -0.19 0.00	22.90 -0.27 0.00	32.34 -0.71 0.00	36.30 -0.96 0.00	29.83 -0.46 0.00	17.97 -0.07 0.00	15.76 0.17 0.00	9.31 0.33 0.00	19.67 0.01 0.00	8.13 0.07 0.00	5.89 0.01 0.00	8.18 0.00 0.00	8.50 -0.05 0.00	24.31 -0.41 0.00	26.20 -0.83 -0.74	33.77 -1.33 -2.51	38.58 -1.21 0.00	49.26 -1.57 0.00	31.41 -1.49 0.00	27.57 -1.56 0.00	25.24 -1.11 0.00
HUNTLEY___67 23561	30.94 -0.78 0.00	22.80 -0.69 0.00	21.05 -0.65 0.00	23.94 -0.65 0.00	22.47 -0.69 0.00	31.70 -1.35 0.00	35.61 -1.65 0.00	29.30 -0.99 0.00	17.69 -0.35 0.00	15.52 -0.07 0.00	9.15 0.17 0.00	19.35 -0.32 0.00	8.00 -0.07 0.00	5.80 -0.09 0.00	8.04 -0.15 0.00	8.36 -0.20 0.00	23.88 -0.84 0.00	25.72 -1.30 -0.73	33.17 -1.91 -2.48	37.82 -1.96 0.00	48.27 -2.56 0.00	30.83 -2.08 0.00	27.07 -2.06 0.00	24.76 -1.59 0.00



HUNTLEY___68 23562	30.94 -0.78 0.00	22.80 -0.69 0.00	21.05 -0.65 0.00	23.94 -0.65 0.00	22.47 -0.69 0.00	31.70 -1.35 0.00	35.61 -1.65 0.00	29.30 -0.99 0.00	17.69 -0.35 0.00	15.52 -0.07 0.00	9.15 0.17 0.00	19.35 -0.32 0.00	8.00 -0.07 0.00	5.80 -0.09 0.00	8.04 -0.15 0.00	8.36 -0.20 0.00	23.88 -0.84 0.00	25.72 -1.30 -0.73	33.17 -1.91 -2.48	37.82 -1.96 0.00	48.27 -2.56 0.00	30.83 -2.08 0.00	27.07 -2.06 0.00	24.76 -1.59 0.00
HYLAND___LFGE 323620	33.03 1.30 0.00	24.30 0.81 0.00	22.47 0.77 0.00	25.60 1.01 0.00	24.09 0.92 0.00	34.43 1.38 0.00	38.97 1.71 0.00	31.34 1.04 0.00	18.16 0.12 0.00	15.76 0.17 0.00	9.20 0.22 0.00	19.68 0.01 0.00	8.13 0.06 0.00	5.89 0.01 0.00	8.19 0.00 0.00	8.50 -0.05 0.00	24.55 -0.17 0.00	27.10 -0.02 -0.82	35.66 0.27 -2.80	41.06 1.27 0.00	52.98 2.15 0.00	34.00 1.09 0.00	29.77 0.64 0.00	26.84 0.49 0.00
INDECK___CORINTH 23802	33.15 1.42 0.00	24.57 1.08 0.00	22.77 1.06 0.00	25.84 1.25 0.00	24.36 1.19 0.00	34.84 1.80 0.00	39.24 1.97 0.00	31.77 1.47 0.00	18.68 0.63 0.00	16.02 0.43 0.00	9.13 0.14 0.00	20.17 0.50 0.00	8.24 0.17 0.00	5.98 0.09 0.00	8.31 0.12 0.00	8.67 0.12 0.00	25.30 0.58 0.00	26.90 0.60 0.00	33.63 1.04 0.00	41.42 1.64 0.00	52.90 2.07 0.00	34.40 1.49 0.00	30.52 1.39 0.00	27.51 1.16 0.00
INDECK___ILION 23567	33.13 1.41 0.00	24.48 0.98 0.00	22.69 0.98 0.00	25.69 1.10 0.00	24.25 1.08 0.00	34.55 1.51 0.00	38.68 1.42 0.00	30.89 0.60 0.00	17.84 -0.20 0.00	15.21 -0.38 0.00	8.68 -0.30 0.00	19.25 -0.42 0.00	7.84 -0.23 0.00	5.69 -0.19 0.00	7.88 -0.31 0.00	8.21 -0.34 0.00	24.05 -0.67 0.00	25.90 -0.39 0.00	32.77 0.17 0.00	40.79 1.00 0.00	52.39 1.56 0.00	34.14 1.23 0.00	30.53 1.39 0.00	27.43 1.07 0.00
INDECK___OLEAN 23982	31.36 -0.37 0.00	23.03 -0.46 0.00	21.34 -0.37 0.00	24.30 -0.29 0.00	22.78 -0.39 0.00	32.32 -0.72 0.00	36.61 -0.66 0.00	29.89 -0.40 0.00	17.90 -0.14 0.00	15.65 0.06 0.00	9.17 0.19 0.00	19.55 -0.12 0.00	8.13 0.06 0.00	5.88 0.00 0.00	8.20 0.01 0.00	8.50 -0.06 0.00	24.40 -0.32 0.00	26.41 -0.64 -0.77	34.40 -0.81 -2.61	38.93 -0.85 0.00	49.74 -1.09 0.00	31.80 -1.11 0.00	27.86 -1.27 0.00	25.28 -1.07 0.00
INDECK___OSWEGO 23783	30.98 -0.75 0.00	22.93 -0.57 0.00	21.18 -0.53 0.00	24.00 -0.59 0.00	22.61 -0.55 0.00	32.25 -0.80 0.00	36.40 -0.87 0.00	29.56 -0.74 0.00	17.59 -0.45 0.00	15.21 -0.38 0.00	8.77 -0.21 0.00	19.18 -0.49 0.00	7.87 -0.19 0.00	5.74 -0.15 0.00	7.98 -0.21 0.00	8.32 -0.24 0.00	24.00 -0.72 0.00	29.04 -0.71 -3.46	43.41 -0.81 -11.63	38.79 -1.00 0.00	49.45 -1.38 0.00	31.98 -0.93 0.00	28.28 -0.85 0.00	25.60 -0.75 0.00
INDECK___YERKES 23781	31.62 -0.10 0.00	23.25 -0.24 0.00	21.47 -0.23 0.00	24.42 -0.17 0.00	22.92 -0.25 0.00	32.40 -0.65 0.00	36.36 -0.90 0.00	29.86 -0.44 0.00	17.99 -0.06 0.00	15.77 0.18 0.00	9.32 0.34 0.00	19.69 0.03 0.00	8.14 0.07 0.00	5.90 0.01 0.00	8.19 0.00 0.00	8.51 -0.04 0.00	24.33 -0.39 0.00	26.18 -0.85 -0.74	33.80 -1.31 -2.51	38.61 -1.18 0.00	49.35 -1.48 0.00	31.45 -1.45 0.00	27.60 -1.53 0.00	25.27 -1.08 0.00
INDIAN POINT_GT_1 24139	32.41 0.69 0.00	24.00 0.50 0.00	22.14 0.43 0.00	25.04 0.45 0.00	23.60 0.43 0.00	33.71 0.66 0.00	38.07 0.80 0.00	31.02 0.72 0.00	18.56 0.52 0.00	16.06 0.47 0.00	9.23 0.25 0.00	20.31 0.64 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.94 1.22 0.00	27.59 1.30 0.00	34.18 1.59 0.00	41.34 1.56 0.00	53.13 2.30 0.00	34.52 1.61 0.00	30.52 1.39 0.00	27.51 1.16 0.00
INDIAN POINT_GT_2 23659	32.41 0.69 0.00	24.00 0.50 0.00	22.14 0.43 0.00	25.04 0.45 0.00	23.60 0.43 0.00	33.71 0.66 0.00	38.07 0.80 0.00	31.02 0.72 0.00	18.56 0.52 0.00	16.06 0.47 0.00	9.23 0.25 0.00	20.31 0.64 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.94 1.22 0.00	27.59 1.30 0.00	34.18 1.59 0.00	41.34 1.56 0.00	53.13 2.30 0.00	34.52 1.61 0.00	30.52 1.39 0.00	27.51 1.16 0.00
INDIAN POINT_GT_3 24019	32.41 0.69 0.00	24.00 0.50 0.00	22.14 0.43 0.00	25.04 0.45 0.00	23.60 0.43 0.00	33.71 0.66 0.00	38.07 0.80 0.00	31.02 0.72 0.00	18.56 0.52 0.00	16.06 0.47 0.00	9.23 0.25 0.00	20.31 0.64 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.94 1.22 0.00	27.59 1.30 0.00	34.18 1.59 0.00	41.34 1.56 0.00	53.13 2.30 0.00	34.52 1.61 0.00	30.52 1.39 0.00	27.51 1.16 0.00
INDIAN POINT___2 23530	32.37 0.64 0.00	23.97 0.47 0.00	22.12 0.41 0.00	25.03 0.44 0.00	23.57 0.41 0.00	33.66 0.61 0.00	38.01 0.75 0.00	30.99 0.69 0.00	18.53 0.49 0.00	16.03 0.44 0.00	9.22 0.24 0.00	20.32 0.65 0.00	8.34 0.28 0.00	6.10 0.22 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.93 1.21 0.00	27.58 1.29 0.00	34.15 1.55 0.00	41.31 1.52 0.00	53.05 2.22 0.00	34.46 1.55 0.00	30.45 1.31 0.00	27.46 1.11 0.00
INDIAN POINT___3 23531	32.38 0.65 0.00	23.97 0.47 0.00	22.12 0.41 0.00	25.03 0.44 0.00	23.58 0.41 0.00	33.68 0.63 0.00	38.03 0.76 0.00	30.99 0.69 0.00	18.54 0.49 0.00	16.04 0.44 0.00	9.22 0.24 0.00	20.32 0.65 0.00	8.34 0.28 0.00	6.10 0.22 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.93 1.21 0.00	27.57 1.27 0.00	34.15 1.55 0.00	41.29 1.51 0.00	53.05 2.22 0.00	34.46 1.55 0.00	30.46 1.32 0.00	27.46 1.11 0.00
INDIANHD_69_KV_BK1 55831	35.42 1.16 -2.54	24.41 0.92 0.00	22.47 0.77 0.00	25.39 0.80 0.00	23.98 0.81 0.00	34.48 1.43 0.00	39.01 1.75 0.00	33.01 1.46 -1.26	20.62 0.87 -1.71	16.37 0.65 -0.13	9.29 0.31 0.00	20.41 0.74 0.00	8.33 0.26 0.00	6.09 0.21 0.00	8.56 0.37 0.00	9.02 0.46 0.00	28.99 1.71 -2.56	28.29 1.95 -0.04	83.83 2.58 -48.65	105.60 2.97 -62.85	105.66 4.12 -50.71	67.54 2.48 -32.15	50.65 1.96 -19.56	31.75 1.68 -3.72
INGHAM_C_115KV_TB7 356103	33.13 1.41 0.00	24.48 0.98 0.00	22.69 0.98 0.00	25.69 1.10 0.00	24.25 1.08 0.00	34.55 1.51 0.00	38.68 1.42 0.00	30.89 0.60 0.00	17.84 -0.20 0.00	15.21 -0.38 0.00	8.68 -0.30 0.00	19.25 -0.42 0.00	7.84 -0.23 0.00	5.69 -0.19 0.00	7.88 -0.31 0.00	8.21 -0.34 0.00	24.05 -0.67 0.00	25.90 -0.39 0.00	32.77 0.17 0.00	40.79 1.00 0.00	52.39 1.56 0.00	34.14 1.23 0.00	30.53 1.39 0.00	27.43 1.07 0.00
IP CORINTH___1 23988	33.15 1.42 0.00	24.57 1.08 0.00	22.77 1.06 0.00	25.84 1.25 0.00	24.36 1.19 0.00	34.85 1.80 0.00	39.23 1.97 0.00	31.77 1.48 0.00	18.67 0.63 0.00	16.02 0.43 0.00	9.13 0.14 0.00	20.17 0.50 0.00	8.24 0.17 0.00	5.98 0.09 0.00	8.31 0.12 0.00	8.67 0.12 0.00	25.30 0.58 0.00	26.90 0.60 0.00	33.63 1.03 0.00	41.42 1.64 0.00	52.90 2.07 0.00	34.40 1.49 0.00	30.52 1.39 0.00	27.51 1.16 0.00

IP___TICONDEROGA 23804	33.67 1.95 0.00	25.08 1.58 0.00	23.36 1.65 0.00	26.47 1.88 0.00	24.95 1.78 0.00	35.88 2.84 0.00	40.26 2.99 0.00	32.64 2.34 0.00	19.10 1.06 0.00	16.38 0.79 0.00	9.25 0.27 0.00	20.49 0.83 0.00	8.35 0.28 0.00	6.02 0.14 0.00	8.39 0.20 0.00	8.73 0.18 0.00	25.76 1.04 0.00	27.09 0.79 0.00	33.96 1.37 0.00	42.28 2.50 0.00	53.82 2.99 0.00	35.00 2.09 0.00	31.08 1.94 0.00	27.86 1.51 0.00
ISLIP_RES_REC 323679	35.68 1.42 -2.54	24.44 0.95 0.00	22.43 0.72 0.00	25.33 0.74 0.00	23.92 0.75 0.00	34.39 1.34 0.00	38.92 1.66 0.00	32.87 1.37 -1.20	20.50 0.83 -1.62	16.34 0.63 -0.12	9.29 0.31 0.00	20.41 0.74 0.00	8.33 0.26 0.00	6.09 0.21 0.00	8.57 0.37 0.00	9.01 0.46 0.00	29.00 1.70 -2.58	28.25 1.91 -0.04	83.26 2.49 -48.18	104.94 2.84 -62.31	104.86 3.94 -50.09	69.23 2.58 -33.74	51.03 2.28 -19.61	32.03 1.95 -3.73
JAMAICA__27_KV_LOAD 355505	32.39 0.72 0.05	24.05 0.55 0.00	-265.65 0.45 287.80	25.03 0.44 0.00	23.60 0.42 0.00	33.68 0.65 0.02	38.09 0.82 0.00	31.16 0.87 0.00	18.72 0.68 0.00	16.22 0.63 0.00	9.36 0.38 0.00	20.61 0.94 0.00	8.46 0.39 0.00	6.19 0.31 0.00	8.67 0.48 0.00	9.08 0.53 0.00	26.27 1.55 0.00	27.92 1.62 0.00	34.51 1.91 0.00	41.50 1.72 0.00	53.47 2.63 0.00	34.89 1.98 0.00	30.93 1.79 0.00	27.85 1.50 0.00
JANIS___SOLAR 323808	33.11 1.39 0.00	24.48 0.99 0.00	22.65 0.94 0.00	25.71 1.11 0.00	24.28 1.11 0.00	34.80 1.76 0.00	39.41 2.14 0.00	31.66 1.36 0.00	18.37 0.33 0.00	15.70 0.11 0.00	9.05 0.07 0.00	19.63 -0.04 0.00	8.08 0.01 0.00	5.86 -0.03 0.00	8.14 -0.05 0.00	8.47 -0.08 0.00	24.54 -0.18 0.00	27.64 0.24 -1.11	37.66 1.11 -3.95	41.71 1.93 0.00	53.36 2.52 0.00	34.38 1.47 0.00	30.21 1.08 0.00	27.17 0.82 0.00
JARVIS____ 23743	31.76 0.03 0.00	23.51 0.02 0.00	21.73 0.02 0.00	24.62 0.02 0.00	23.19 0.02 0.00	33.08 0.03 0.00	37.26 0.00 0.00	30.29 0.00 0.00	18.01 -0.03 0.00	15.56 -0.03 0.00	8.96 -0.02 0.00	19.63 -0.04 0.00	8.05 -0.02 0.00	5.87 -0.01 0.00	8.18 -0.01 0.00	8.55 -0.01 0.00	24.70 -0.03 0.00	26.28 -0.01 0.00	32.62 0.02 0.00	39.80 0.01 0.00	50.83 0.00 0.00	32.95 0.04 0.00	29.17 0.04 0.00	26.38 0.03 0.00
JENNISON___1 23625	33.13 1.41 0.00	24.56 1.07 0.00	22.73 1.02 0.00	25.78 1.19 0.00	24.37 1.20 0.00	34.99 1.95 0.00	39.70 2.43 0.00	32.00 1.70 0.00	18.72 0.68 0.00	16.04 0.45 0.00	9.24 0.26 0.00	20.16 0.49 0.00	8.28 0.21 0.00	6.00 0.12 0.00	8.34 0.15 0.00	8.68 0.13 0.00	25.16 0.44 0.00	28.01 0.88 -0.83	37.61 1.78 -3.23	42.14 2.35 0.00	53.47 2.64 0.00	34.53 1.62 0.00	30.32 1.19 0.00	27.10 0.75 0.00
JENNISON___2 23626	33.13 1.41 0.00	24.56 1.07 0.00	22.73 1.02 0.00	25.78 1.19 0.00	24.37 1.20 0.00	34.99 1.95 0.00	39.70 2.43 0.00	32.00 1.70 0.00	18.72 0.68 0.00	16.04 0.45 0.00	9.24 0.26 0.00	20.16 0.49 0.00	8.28 0.21 0.00	6.00 0.12 0.00	8.34 0.15 0.00	8.68 0.13 0.00	25.16 0.44 0.00	28.01 0.88 -0.83	37.61 1.78 -3.23	42.14 2.35 0.00	53.47 2.64 0.00	34.53 1.62 0.00	30.32 1.19 0.00	27.10 0.75 0.00
JERICHO_RISE_WT_PWR 323719	31.69 -0.04 0.00	23.49 -0.01 0.00	21.72 0.01 0.00	24.61 0.01 0.00	23.16 0.00 0.00	33.09 0.04 0.00	37.37 0.10 0.00	30.46 0.16 0.00	18.16 0.12 0.00	15.66 0.07 0.00	9.03 0.05 0.00	19.73 0.07 0.00	8.07 0.00 0.00	5.88 0.00 0.00	8.17 -0.02 0.00	8.54 -0.01 0.00	24.71 -0.01 0.00	26.25 -0.05 0.00	32.50 -0.10 0.00	39.85 0.07 0.00	51.04 0.21 0.00	32.97 0.06 0.00	29.17 0.04 0.00	26.34 -0.01 0.00
KATONAH___115KV_46KV_TB4 355592	32.50 0.77 0.00	24.06 0.56 0.00	22.20 0.49 0.00	25.11 0.52 0.00	23.66 0.49 0.00	33.81 0.76 0.00	38.19 0.92 0.00	31.13 0.83 0.00	18.60 0.56 0.00	16.09 0.51 0.00	9.25 0.27 0.00	20.37 0.70 0.00	8.37 0.30 0.00	6.12 0.24 0.00	8.57 0.37 0.00	8.99 0.43 0.00	26.03 1.31 0.00	27.68 1.39 0.00	34.30 1.71 0.00	41.51 1.72 0.00	53.31 2.47 0.00	34.62 1.71 0.00	30.61 1.47 0.00	27.59 1.23 0.00
KCE_NY_1 323755	33.11 1.39 0.00	24.52 1.03 0.00	22.71 1.00 0.00	25.75 1.15 0.00	24.27 1.11 0.00	34.62 1.57 0.00	38.93 1.66 0.00	31.54 1.25 0.00	18.62 0.58 0.00	16.01 0.42 0.00	9.17 0.19 0.00	20.25 0.58 0.00	8.28 0.22 0.00	6.02 0.14 0.00	8.38 0.19 0.00	8.75 0.20 0.00	25.48 0.76 0.00	27.17 0.88 0.00	33.88 1.28 0.00	41.53 1.75 0.00	52.94 2.12 0.00	34.36 1.45 0.00	30.47 1.34 0.00	27.49 1.14 0.00
KCE_NY_6_ESR 323823	31.31 -0.41 0.00	23.04 -0.45 0.00	21.28 -0.43 0.00	24.21 -0.38 0.00	22.71 -0.46 0.00	32.09 -0.95 0.00	36.11 -1.15 0.00	29.65 -0.64 0.00	17.87 -0.17 0.00	15.67 0.07 0.00	9.23 0.25 0.00	19.52 -0.15 0.00	8.07 0.01 0.00	5.85 -0.04 0.00	8.12 -0.06 0.00	8.44 -0.12 0.00	24.13 -0.59 0.00	26.01 -1.03 -0.74	33.67 -1.45 -2.53	38.39 -1.39 0.00	49.04 -1.79 0.00	31.28 -1.63 0.00	27.43 -1.70 0.00	25.01 -1.35 0.00
KEDC_PORT_JEFF_GT2 24210	35.51 1.27 -2.52	24.35 0.86 0.00	22.36 0.65 0.00	25.26 0.67 0.00	23.84 0.68 0.00	34.27 1.22 0.00	38.77 1.51 0.00	32.83 1.26 -1.28	20.54 0.77 -1.72	16.30 0.58 -0.13	9.26 0.28 0.00	20.35 0.68 0.00	8.31 0.24 0.00	6.08 0.19 0.00	8.54 0.35 0.00	8.99 0.43 0.00	28.88 1.60 -2.56	28.13 1.80 -0.04	83.66 2.32 -48.74	105.36 2.62 -62.95	105.32 3.65 -50.84	69.18 2.39 -33.89	50.69 2.10 -19.45	31.84 1.79 -3.70
KEDC_PORT_JEFF_GT3 24211	35.51 1.27 -2.52	24.35 0.86 0.00	22.36 0.65 0.00	25.26 0.67 0.00	23.84 0.68 0.00	34.27 1.22 0.00	38.77 1.51 0.00	32.83 1.26 -1.28	20.54 0.77 -1.72	16.30 0.58 -0.13	9.26 0.28 0.00	20.35 0.68 0.00	8.31 0.24 0.00	6.08 0.19 0.00	8.54 0.35 0.00	8.99 0.43 0.00	28.88 1.60 -2.56	28.13 1.80 -0.04	83.66 2.32 -48.74	105.36 2.62 -62.95	105.32 3.65 -50.84	69.18 2.39 -33.89	50.69 2.10 -19.45	31.84 1.79 -3.70
KEDC_GLWD_GT4 24219	36.79 1.04 -4.03	24.23 0.74 0.00	22.32 0.62 0.00	25.23 0.64 0.00	23.80 0.63 0.00	34.02 0.97 0.00	38.41 1.15 0.00	31.29 0.99 0.00	18.73 0.69 0.00	16.18 0.59 0.00	9.30 0.32 0.00	20.47 0.80 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.05 0.49 0.00	30.38 1.57 -4.09	27.96 1.60 -0.07	89.13 1.99 -54.54	114.11 1.97 -72.35	106.61 2.77 -53.01	74.44 1.93 -39.61	61.91 1.72 -31.07	33.78 1.52 -5.91
KEDC_GLWD_GT5 24220	36.79 1.04 -4.03	24.23 0.74 0.00	22.32 0.62 0.00	25.23 0.64 0.00	23.80 0.63 0.00	34.02 0.97 0.00	38.41 1.15 0.00	31.29 0.99 0.00	18.73 0.69 0.00	16.18 0.59 0.00	9.30 0.32 0.00	20.47 0.80 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.05 0.49 0.00	30.38 1.57 -4.09	27.96 1.60 -0.07	89.13 1.99 -54.54	114.11 1.97 -72.35	106.61 2.77 -53.01	74.44 1.93 -39.61	61.91 1.72 -31.07	33.78 1.52 -5.91

KENSICO____ 23655	32.43 0.71 0.00	24.01 0.52 0.00	22.15 0.44 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.72 0.67 0.00	38.08 0.81 0.00	31.04 0.74 0.00	18.58 0.54 0.00	16.08 0.49 0.00	9.25 0.27 0.00	20.36 0.69 0.00	8.36 0.29 0.00	6.12 0.23 0.00	8.56 0.37 0.00	8.98 0.42 0.00	26.00 1.28 0.00	27.64 1.35 0.00	34.23 1.63 0.00	41.40 1.61 0.00	53.20 2.37 0.00	34.57 1.66 0.00	30.56 1.43 0.00	27.56 1.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.72 1.00 0.00	24.21 0.72 0.00	22.35 0.64 0.00	25.30 0.71 0.00	23.85 0.68 0.00	34.09 1.05 0.00	38.57 1.30 0.00	31.40 1.10 0.00	18.72 0.68 0.00	16.11 0.52 0.00	9.23 0.25 0.00	20.29 0.63 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.53 0.34 0.00	8.94 0.39 0.00	25.90 1.18 0.00	27.66 1.37 0.00	34.44 1.84 0.00	41.84 2.06 0.00	53.81 2.98 0.00	34.89 1.98 0.00	30.78 1.64 0.00	27.69 1.34 0.00
KIAC_JFK_GT1 23816	32.20 0.53 0.05	23.91 0.42 0.00	-265.77 0.32 287.80	24.89 0.30 0.00	23.46 0.30 0.00	33.49 0.46 0.02	37.86 0.59 0.00	30.98 0.69 0.00	18.62 0.58 0.00	16.13 0.54 0.00	9.31 0.33 0.00	20.50 0.83 0.00	8.42 0.35 0.00	6.16 0.28 0.00	8.62 0.43 0.00	9.04 0.48 0.00	26.14 1.41 0.00	27.78 1.48 0.00	34.28 1.69 0.00	41.10 1.32 0.00	52.96 2.13 0.00	34.69 1.78 0.00	30.75 1.62 0.00	27.70 1.35 0.00
KIAC_JFK_GT2 23817	32.20 0.53 0.05	23.91 0.42 0.00	-265.77 0.32 287.80	24.89 0.30 0.00	23.46 0.30 0.00	33.49 0.46 0.02	37.86 0.59 0.00	30.98 0.69 0.00	18.62 0.58 0.00	16.13 0.54 0.00	9.31 0.33 0.00	20.50 0.83 0.00	8.42 0.35 0.00	6.16 0.28 0.00	8.62 0.43 0.00	9.04 0.48 0.00	26.14 1.41 0.00	27.78 1.48 0.00	34.28 1.69 0.00	41.10 1.32 0.00	52.96 2.13 0.00	34.69 1.78 0.00	30.75 1.62 0.00	27.70 1.35 0.00
KIAC_JFK____ 323774	32.19 0.51 0.05	23.91 0.42 0.00	-265.77 0.32 287.80	24.89 0.30 0.00	23.47 0.30 0.00	33.49 0.46 0.02	37.87 0.60 0.00	31.05 0.75 0.00	18.62 0.58 0.00	16.13 0.54 0.00	9.31 0.33 0.00	20.50 0.83 0.00	8.42 0.35 0.00	6.16 0.28 0.00	8.62 0.43 0.00	9.04 0.48 0.00	26.13 1.41 0.00	27.78 1.49 0.00	34.28 1.69 0.00	41.10 1.32 0.00	52.96 2.13 0.00	34.68 1.78 0.00	30.75 1.62 0.00	27.70 1.35 0.00
KINTIGH_24_KV_GSU 356498	31.00 -0.72 0.00	22.85 -0.64 0.00	21.10 -0.61 0.00	23.97 -0.62 0.00	22.52 -0.65 0.00	31.84 -1.21 0.00	35.80 -1.47 0.00	29.38 -0.91 0.00	17.70 -0.34 0.00	15.49 -0.11 0.00	9.10 0.12 0.00	19.36 -0.31 0.00	7.99 -0.08 0.00	5.79 -0.09 0.00	8.05 -0.14 0.00	8.36 -0.19 0.00	23.95 -0.77 0.00	25.77 -1.20 -0.68	33.22 -1.69 -2.31	38.02 -1.76 0.00	48.59 -2.24 0.00	31.09 -1.82 0.00	27.34 -1.79 0.00	24.98 -1.37 0.00
KINTIGH____ 23543	30.96 -0.76 0.00	22.84 -0.66 0.00	21.08 -0.62 0.00	23.96 -0.63 0.00	22.51 -0.66 0.00	31.79 -1.25 0.00	35.75 -1.51 0.00	29.36 -0.93 0.00	17.69 -0.35 0.00	15.48 -0.11 0.00	9.09 0.11 0.00	19.35 -0.32 0.00	7.98 -0.09 0.00	5.79 -0.09 0.00	8.04 -0.15 0.00	8.36 -0.19 0.00	23.95 -0.77 0.00	25.80 -1.17 -0.68	33.21 -1.70 -2.31	38.01 -1.78 0.00	48.52 -2.31 0.00	31.07 -1.84 0.00	27.32 -1.81 0.00	24.97 -1.38 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.19 0.47 0.00	23.77 0.28 0.00	21.99 0.28 0.00	24.91 0.32 0.00	23.46 0.29 0.00	33.51 0.46 0.00	37.86 0.59 0.00	30.84 0.55 0.00	18.35 0.31 0.00	15.83 0.24 0.00	9.12 0.14 0.00	19.97 0.30 0.00	8.16 0.09 0.00	5.94 0.05 0.00	8.25 0.06 0.00	8.62 0.06 0.00	24.97 0.25 0.00	26.52 0.23 0.00	32.87 0.27 0.00	40.37 0.59 0.00	51.76 0.93 0.00	33.48 0.57 0.00	29.62 0.49 0.00	26.69 0.34 0.00
LACHUTE____HYDRO 323717	33.67 1.95 0.00	25.08 1.58 0.00	23.36 1.65 0.00	26.47 1.88 0.00	24.95 1.78 0.00	35.88 2.84 0.00	40.27 3.00 0.00	32.64 2.34 0.00	19.10 1.06 0.00	16.38 0.79 0.00	9.25 0.27 0.00	20.49 0.83 0.00	8.35 0.28 0.00	6.02 0.14 0.00	8.39 0.20 0.00	8.73 0.18 0.00	25.76 1.04 0.00	27.09 0.80 0.00	33.96 1.37 0.00	42.28 2.50 0.00	53.82 2.99 0.00	35.00 2.09 0.00	31.08 1.94 0.00	27.86 1.51 0.00
LAWRNCV_115KV_TB1 80681	31.76 0.04 0.00	23.58 0.09 0.00	21.77 0.07 0.00	24.66 0.07 0.00	23.24 0.07 0.00	33.20 0.15 0.00	37.42 0.16 0.00	30.42 0.12 0.00	18.14 0.10 0.00	15.65 0.06 0.00	9.03 0.05 0.00	19.71 0.04 0.00	8.06 -0.01 0.00	5.88 -0.01 0.00	8.16 -0.03 0.00	8.54 -0.02 0.00	24.68 -0.04 0.00	26.18 -0.11 0.00	32.46 -0.14 0.00	39.85 0.06 0.00	51.05 0.22 0.00	32.95 0.04 0.00	29.19 0.05 0.00	26.40 0.05 0.00
LEDERLE____ 23769	32.56 0.84 0.00	24.10 0.61 0.00	22.24 0.53 0.00	25.17 0.58 0.00	23.71 0.54 0.00	33.86 0.81 0.00	38.28 1.01 0.00	31.18 0.88 0.00	18.64 0.59 0.00	16.13 0.53 0.00	9.28 0.30 0.00	20.43 0.76 0.00	8.39 0.32 0.00	6.14 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.09 1.37 0.00	27.76 1.46 0.00	34.38 1.78 0.00	41.59 1.81 0.00	53.40 2.57 0.00	34.66 1.75 0.00	30.59 1.46 0.00	27.58 1.23 0.00
LIGHTHSE_115KV_TB6 355974	31.34 -0.38 0.00	23.17 -0.33 0.00	21.37 -0.34 0.00	24.22 -0.37 0.00	22.82 -0.34 0.00	32.55 -0.50 0.00	36.75 -0.52 0.00	29.71 -0.59 0.00	17.59 -0.46 0.00	15.17 -0.42 0.00	8.76 -0.22 0.00	19.15 -0.52 0.00	7.85 -0.22 0.00	5.72 -0.16 0.00	7.95 -0.24 0.00	8.26 -0.29 0.00	23.84 -0.88 0.00	28.03 -0.74 -2.47	40.28 -0.64 -8.32	39.26 -0.52 0.00	50.07 -0.76 0.00	32.30 -0.61 0.00	28.57 -0.56 0.00	25.88 -0.47 0.00
LINDEN COGEN____ 23786	32.24 0.52 0.00	23.89 0.40 0.00	22.02 0.32 0.00	24.90 0.31 0.00	23.46 0.30 0.00	33.48 0.44 0.00	37.79 0.53 0.00	30.86 0.57 0.00	18.52 0.47 0.00	16.03 0.44 0.00	9.24 0.26 0.00	20.33 0.66 0.00	8.34 0.27 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.98 0.43 0.00	25.98 1.26 0.00	27.61 1.31 0.00	34.15 1.56 0.00	41.23 1.45 0.00	53.15 2.32 0.00	34.56 1.65 0.00	30.57 1.44 0.00	27.57 1.21 0.00
LINDHRST_69_KV_BK1 356055	36.08 1.47 -2.88	24.48 0.99 0.00	22.51 0.80 0.00	25.43 0.84 0.00	24.00 0.84 0.00	34.42 1.38 0.00	38.90 1.64 0.00	31.87 1.34 -0.24	19.18 0.82 -0.32	16.25 0.64 -0.02	9.31 0.33 0.00	20.45 0.78 0.00	8.36 0.29 0.00	6.12 0.23 0.00	8.60 0.41 0.00	9.05 0.49 0.00	29.38 1.73 -2.93	28.26 1.92 -0.05	76.74 2.39 -41.75	97.51 2.65 -55.07	95.73 3.68 -41.22	65.56 2.50 -30.16	53.61 2.24 -22.24	32.49 1.91 -4.23
LIPA_MISC_IPP 23656	35.55 1.32 -2.51	24.32 0.83 0.00	22.28 0.57 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.21 1.16 0.00	38.72 1.46 0.00	32.83 1.23 -1.31	20.55 0.74 -1.77	16.27 0.55 -0.13	9.24 0.26 0.00	20.31 0.64 0.00	8.30 0.23 0.00	6.07 0.19 0.00	8.53 0.34 0.00	8.97 0.42 0.00	28.81 1.54 -2.55	28.03 1.70 -0.04	83.86 2.28 -48.99	105.62 2.59 -63.24	105.62 3.62 -51.16	69.71 2.40 -34.40	50.68 2.17 -19.38	31.90 1.87 -3.69

LISF___SOLAR 323691	35.60 1.36 -2.52	24.36 0.87 0.00	22.32 0.62 0.00	25.22 0.63 0.00	23.81 0.64 0.00	34.26 1.22 0.00	38.80 1.53 0.00	32.87 1.28 -1.30	20.56 0.76 -1.75	16.28 0.55 -0.13	9.25 0.27 0.00	20.32 0.65 0.00	8.30 0.23 0.00	6.07 0.19 0.00	8.53 0.34 0.00	8.97 0.42 0.00	28.84 1.56 -2.55	28.08 1.74 -0.04	83.83 2.34 -48.89	105.59 2.67 -63.13	105.61 3.74 -51.03	69.68 2.48 -34.29	50.77 2.23 -19.40	31.96 1.92 -3.69
LITTLE FALLS___HYD 24013	33.13 1.41 0.00	24.48 0.98 0.00	22.69 0.98 0.00	25.69 1.10 0.00	24.25 1.08 0.00	34.55 1.51 0.00	38.68 1.42 0.00	30.89 0.60 0.00	17.84 -0.20 0.00	15.21 -0.38 0.00	8.68 -0.30 0.00	19.25 -0.42 0.00	7.84 -0.23 0.00	5.69 -0.19 0.00	7.88 -0.31 0.00	8.21 -0.34 0.00	24.05 -0.67 0.00	25.90 -0.39 0.00	32.77 0.17 0.00	40.79 1.00 0.00	52.39 1.56 0.00	34.14 1.23 0.00	30.53 1.39 0.00	27.43 1.07 0.00
LITTLRIV_115KV_TB1 356100	31.58 -0.15 0.00	23.46 -0.03 0.00	21.64 -0.07 0.00	24.49 -0.10 0.00	23.12 -0.05 0.00	33.08 0.03 0.00	37.09 -0.17 0.00	29.82 -0.48 0.00	17.63 -0.41 0.00	15.16 -0.43 0.00	8.75 -0.23 0.00	19.10 -0.57 0.00	7.79 -0.28 0.00	5.68 -0.20 0.00	7.89 -0.31 0.00	8.24 -0.31 0.00	23.83 -0.89 0.00	25.75 -1.05 -0.50	33.29 -1.00 -1.70	39.27 -0.51 0.00	50.49 -0.34 0.00	32.53 -0.38 0.00	28.91 -0.22 0.00	26.13 -0.22 0.00
LI_NEWBRDGE___DRP 323616	34.93 0.85 -2.36	24.07 0.57 0.00	22.14 0.44 0.00	25.03 0.44 0.00	23.61 0.44 0.00	33.81 0.76 0.00	38.16 0.89 0.00	31.03 0.73 0.00	18.55 0.50 0.00	16.00 0.40 0.00	9.19 0.20 0.00	20.22 0.55 0.00	8.28 0.21 0.00	6.06 0.18 0.00	8.51 0.32 0.00	8.94 0.39 0.00	28.46 1.35 -2.40	27.73 1.40 -0.04	66.21 1.69 -31.93	83.84 1.70 -42.35	84.35 2.49 -31.03	57.86 1.76 -23.19	48.91 1.59 -18.19	31.18 1.37 -3.46
LOCKPORT_115KV_TB60_63_64 80432	30.96 -0.76 0.00	22.83 -0.66 0.00	21.07 -0.64 0.00	23.96 -0.64 0.00	22.50 -0.66 0.00	31.73 -1.32 0.00	35.52 -1.74 0.00	29.21 -1.09 0.00	17.62 -0.43 0.00	15.45 -0.14 0.00	9.15 0.17 0.00	19.33 -0.34 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.16 0.00	8.34 -0.21 0.00	23.77 -0.95 0.00	25.58 -1.44 -0.73	32.94 -2.14 -2.48	37.60 -2.18 0.00	48.02 -2.81 0.00	30.68 -2.23 0.00	26.97 -2.16 0.00	24.77 -1.59 0.00
LOCKPORT___CC1 323769	30.97 -0.75 0.00	22.81 -0.68 0.00	21.05 -0.65 0.00	23.93 -0.66 0.00	22.48 -0.69 0.00	31.72 -1.33 0.00	35.52 -1.75 0.00	29.20 -1.09 0.00	17.62 -0.43 0.00	15.46 -0.13 0.00	9.15 0.17 0.00	19.32 -0.35 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.17 0.00	8.34 -0.22 0.00	23.77 -0.96 0.00	25.53 -1.49 -0.73	32.94 -2.14 -2.48	37.59 -2.20 0.00	48.08 -2.75 0.00	30.68 -2.23 0.00	26.97 -2.16 0.00	24.74 -1.61 0.00
LOCKPORT___CC2 323770	30.97 -0.75 0.00	22.81 -0.68 0.00	21.05 -0.65 0.00	23.93 -0.66 0.00	22.48 -0.69 0.00	31.72 -1.33 0.00	35.52 -1.75 0.00	29.20 -1.09 0.00	17.62 -0.43 0.00	15.46 -0.13 0.00	9.15 0.17 0.00	19.32 -0.35 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.17 0.00	8.34 -0.22 0.00	23.77 -0.96 0.00	25.53 -1.49 -0.73	32.94 -2.14 -2.48	37.59 -2.20 0.00	48.08 -2.75 0.00	30.68 -2.23 0.00	26.97 -2.16 0.00	24.74 -1.61 0.00
LOCKPORT___CC3 323771	30.97 -0.75 0.00	22.81 -0.68 0.00	21.05 -0.65 0.00	23.93 -0.66 0.00	22.48 -0.69 0.00	31.72 -1.33 0.00	35.52 -1.75 0.00	29.20 -1.09 0.00	17.62 -0.43 0.00	15.46 -0.13 0.00	9.15 0.17 0.00	19.32 -0.35 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.17 0.00	8.34 -0.22 0.00	23.77 -0.96 0.00	25.53 -1.49 -0.73	32.94 -2.14 -2.48	37.59 -2.20 0.00	48.08 -2.75 0.00	30.68 -2.23 0.00	26.97 -2.16 0.00	24.74 -1.61 0.00
LOCUSVLY_69_KV_BK2 55797	36.47 1.11 -3.63	24.27 0.77 0.00	22.34 0.63 0.00	25.25 0.66 0.00	23.82 0.65 0.00	34.09 1.04 0.00	38.50 1.23 0.00	31.10 1.02 0.21	18.44 0.69 0.29	16.14 0.57 0.02	9.29 0.31 0.00	20.43 0.76 0.00	8.37 0.30 0.00	6.12 0.24 0.00	8.60 0.41 0.00	9.04 0.48 0.00	30.01 1.59 -3.69	28.02 1.67 -0.06	81.37 2.02 -46.75	104.16 2.08 -62.29	98.65 2.96 -44.86	69.04 2.04 -34.09	58.98 1.83 -28.02	33.28 1.60 -5.33
LONG_LAKE_PHOENIX 24014	30.94 -0.79 0.00	22.90 -0.60 0.00	21.16 -0.54 0.00	23.97 -0.62 0.00	22.59 -0.57 0.00	32.22 -0.83 0.00	36.38 -0.89 0.00	29.56 -0.74 0.00	17.58 -0.46 0.00	15.18 -0.42 0.00	8.75 -0.23 0.00	19.14 -0.53 0.00	7.85 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.93 -0.79 0.00	28.59 -0.78 -3.08	42.13 -0.84 -10.37	38.77 -1.01 0.00	49.46 -1.37 0.00	31.98 -0.92 0.00	28.26 -0.87 0.00	25.58 -0.77 0.00
LOVETT___3 23632	32.36 0.64 0.00	23.96 0.47 0.00	22.11 0.41 0.00	25.03 0.43 0.00	23.57 0.40 0.00	33.66 0.61 0.00	38.02 0.76 0.00	30.97 0.67 0.00	18.52 0.48 0.00	16.03 0.44 0.00	9.22 0.24 0.00	20.31 0.64 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.54 0.35 0.00	8.95 0.40 0.00	25.92 1.20 0.00	27.56 1.27 0.00	34.13 1.53 0.00	41.28 1.50 0.00	53.02 2.19 0.00	34.44 1.53 0.00	30.42 1.29 0.00	27.44 1.09 0.00
LOVETT___4 23642	32.36 0.64 0.00	23.96 0.47 0.00	22.11 0.41 0.00	25.03 0.43 0.00	23.57 0.40 0.00	33.66 0.61 0.00	38.02 0.76 0.00	30.97 0.67 0.00	18.52 0.48 0.00	16.03 0.44 0.00	9.22 0.24 0.00	20.31 0.64 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.54 0.35 0.00	8.95 0.40 0.00	25.92 1.20 0.00	27.56 1.27 0.00	34.13 1.53 0.00	41.28 1.50 0.00	53.02 2.19 0.00	34.44 1.53 0.00	30.42 1.29 0.00	27.44 1.09 0.00
LOVETT___5 23593	32.36 0.64 0.00	23.96 0.47 0.00	22.11 0.41 0.00	25.03 0.43 0.00	23.57 0.40 0.00	33.66 0.61 0.00	38.02 0.76 0.00	30.97 0.67 0.00	18.52 0.48 0.00	16.03 0.44 0.00	9.22 0.24 0.00	20.31 0.64 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.54 0.35 0.00	8.95 0.40 0.00	25.92 1.20 0.00	27.56 1.27 0.00	34.13 1.53 0.00	41.28 1.50 0.00	53.02 2.19 0.00	34.44 1.53 0.00	30.42 1.29 0.00	27.44 1.09 0.00
LOWER RAQUET___HYD 24057	31.12 -0.60 0.00	23.12 -0.37 0.00	21.32 -0.38 0.00	24.14 -0.46 0.00	22.78 -0.39 0.00	32.57 -0.47 0.00	36.44 -0.82 0.00	29.38 -0.91 0.00	17.40 -0.64 0.00	14.97 -0.63 0.00	8.63 -0.36 0.00	18.84 -0.83 0.00	7.69 -0.38 0.00	5.60 -0.28 0.00	7.78 -0.41 0.00	8.13 -0.43 0.00	23.50 -1.22 0.00	25.43 -1.41 -0.55	32.96 -1.47 -1.84	38.56 -1.22 0.00	49.48 -1.35 0.00	31.90 -1.01 0.00	28.41 -0.72 0.00	25.69 -0.67 0.00
LOWER___HUDSON 24059	32.58 0.86 0.00	24.13 0.64 0.00	22.34 0.63 0.00	25.31 0.72 0.00	23.85 0.68 0.00	34.00 0.95 0.00	38.19 0.92 0.00	30.99 0.69 0.00	18.40 0.36 0.00	15.86 0.27 0.00	9.08 0.10 0.00	20.09 0.42 0.00	8.23 0.17 0.00	6.00 0.12 0.00	8.35 0.16 0.00	8.72 0.17 0.00	25.33 0.60 0.00	26.88 0.59 0.00	33.31 0.71 0.00	40.65 0.87 0.00	51.81 0.97 0.00	33.67 0.77 0.00	29.94 0.81 0.00	27.04 0.69 0.00

LOWVILLE_115KV_TB2 356335	31.93 0.21 0.00	23.63 0.13 0.00	21.74 0.03 0.00	24.59 0.00 0.00	23.25 0.08 0.00	33.29 0.24 0.00	37.66 0.39 0.00	30.17 -0.13 0.00	17.67 -0.38 0.00	15.16 -0.43 0.00	8.71 -0.28 0.00	19.01 -0.66 0.00	7.76 -0.31 0.00	5.64 -0.24 0.00	7.84 -0.35 0.00	8.17 -0.38 0.00	23.59 -1.13 0.00	26.46 -0.89 -1.06	35.90 -0.26 -3.56	40.32 0.54 0.00	51.57 0.74 0.00	33.16 0.26 0.00	29.42 0.28 0.00	26.45 0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.08 1.36 0.00	24.51 1.01 0.00	22.69 0.98 0.00	25.72 1.13 0.00	24.24 1.07 0.00	34.61 1.56 0.00	38.91 1.64 0.00	31.52 1.23 0.00	18.61 0.56 0.00	15.99 0.40 0.00	9.16 0.18 0.00	20.24 0.57 0.00	8.27 0.21 0.00	6.02 0.13 0.00	8.37 0.18 0.00	8.75 0.19 0.00	25.45 0.73 0.00	27.12 0.83 0.00	33.81 1.21 0.00	41.45 1.66 0.00	52.86 2.03 0.00	34.31 1.40 0.00	30.44 1.31 0.00	27.47 1.12 0.00
LUTHERNY_35_KV_BK2 355980	33.11 1.39 0.00	24.52 1.03 0.00	22.71 1.00 0.00	25.75 1.15 0.00	24.27 1.11 0.00	34.62 1.58 0.00	38.92 1.65 0.00	31.54 1.25 0.00	18.62 0.58 0.00	16.01 0.42 0.00	9.17 0.19 0.00	20.25 0.58 0.00	8.28 0.22 0.00	6.02 0.14 0.00	8.38 0.19 0.00	8.76 0.20 0.00	25.48 0.76 0.00	27.17 0.88 0.00	33.88 1.28 0.00	41.53 1.75 0.00	52.95 2.12 0.00	34.36 1.45 0.00	30.47 1.34 0.00	27.49 1.14 0.00
LWR__OSWEGATCHIE_HYD 23850	31.21 -0.52 0.00	23.13 -0.36 0.00	21.30 -0.40 0.00	24.11 -0.48 0.00	22.76 -0.40 0.00	32.58 -0.47 0.00	36.65 -0.62 0.00	29.40 -0.90 0.00	17.32 -0.73 0.00	14.87 -0.72 0.00	8.55 -0.43 0.00	18.68 -0.98 0.00	7.63 -0.44 0.00	5.55 -0.33 0.00	7.71 -0.48 0.00	8.05 -0.51 0.00	23.25 -1.47 0.00	25.70 -1.46 -0.88	34.28 -1.27 -2.95	38.96 -0.82 0.00	49.91 -0.92 0.00	32.14 -0.77 0.00	28.59 -0.54 0.00	25.78 -0.57 0.00
LYONS_FALL_HYD 23570	32.15 0.43 0.00	23.78 0.29 0.00	21.91 0.20 0.00	24.80 0.21 0.00	23.43 0.26 0.00	33.53 0.49 0.00	37.91 0.64 0.00	30.44 0.14 0.00	17.85 -0.19 0.00	15.35 -0.24 0.00	8.82 -0.16 0.00	19.28 -0.39 0.00	7.88 -0.18 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.30 -0.26 0.00	23.98 -0.74 0.00	26.73 -0.48 -0.92	35.87 0.16 -3.11	40.63 0.85 0.00	51.93 1.09 0.00	33.44 0.53 0.00	29.61 0.48 0.00	26.65 0.30 0.00
MADISON__COUNTY_LFGE 323628	32.48 0.75 0.00	24.02 0.52 0.00	22.18 0.48 0.00	25.14 0.55 0.00	23.70 0.53 0.00	33.88 0.83 0.00	38.28 1.01 0.00	30.85 0.56 0.00	18.16 0.11 0.00	15.65 0.06 0.00	9.04 0.05 0.00	19.77 0.10 0.00	8.11 0.04 0.00	5.89 0.00 0.00	8.18 -0.01 0.00	8.53 -0.03 0.00	24.66 -0.06 0.00	27.48 0.14 -1.05	36.81 0.68 -3.53	40.96 1.18 0.00	52.32 1.49 0.00	33.79 0.89 0.00	29.84 0.71 0.00	26.91 0.56 0.00
MALONE__115KV_TB1 356076	31.86 0.13 0.00	23.64 0.15 0.00	21.86 0.15 0.00	24.78 0.19 0.00	23.33 0.16 0.00	33.37 0.32 0.00	37.73 0.47 0.00	30.77 0.47 0.00	18.33 0.29 0.00	15.77 0.18 0.00	9.09 0.11 0.00	19.87 0.20 0.00	8.12 0.05 0.00	5.90 0.02 0.00	8.21 0.02 0.00	8.57 0.02 0.00	24.80 0.08 0.00	26.35 0.06 0.00	32.68 0.08 0.00	40.19 0.40 0.00	51.49 0.66 0.00	33.29 0.38 0.00	29.40 0.26 0.00	26.51 0.16 0.00
MAPLEWOD_115KV_TB3 80458	32.43 0.70 0.00	24.00 0.50 0.00	22.20 0.49 0.00	25.15 0.56 0.00	23.68 0.51 0.00	33.74 0.69 0.00	37.89 0.63 0.00	30.78 0.49 0.00	18.29 0.24 0.00	15.78 0.19 0.00	9.06 0.08 0.00	20.01 0.34 0.00	8.20 0.13 0.00	5.98 0.10 0.00	8.32 0.13 0.00	8.70 0.15 0.00	25.24 0.52 0.00	26.80 0.51 0.00	33.22 0.62 0.00	40.44 0.66 0.00	51.56 0.73 0.00	33.53 0.61 0.00	29.79 0.66 0.00	26.95 0.60 0.00
MAPLE_RIDGE_WT_1 323574	31.67 -0.06 0.00	23.46 -0.03 0.00	21.67 -0.04 0.00	24.54 -0.05 0.00	23.12 -0.05 0.00	32.98 -0.06 0.00	37.22 -0.04 0.00	30.28 -0.02 0.00	18.04 0.00 0.00	15.58 -0.01 0.00	8.97 -0.01 0.00	19.62 -0.04 0.00	8.04 -0.03 0.00	5.86 -0.02 0.00	8.17 -0.03 0.00	8.53 -0.03 0.00	24.60 -0.12 0.00	26.17 -0.12 0.00	32.44 -0.15 0.00	39.72 -0.06 0.00	50.81 -0.03 0.00	32.88 -0.03 0.00	29.10 -0.03 0.00	26.31 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	31.67 -0.06 0.00	23.46 -0.03 0.00	21.67 -0.04 0.00	24.54 -0.05 0.00	23.12 -0.05 0.00	32.98 -0.06 0.00	37.22 -0.04 0.00	30.28 -0.02 0.00	18.04 0.00 0.00	15.58 -0.01 0.00	8.97 -0.01 0.00	19.62 -0.04 0.00	8.04 -0.03 0.00	5.86 -0.02 0.00	8.17 -0.03 0.00	8.53 -0.03 0.00	24.60 -0.12 0.00	26.17 -0.12 0.00	32.44 -0.15 0.00	39.72 -0.06 0.00	50.81 -0.03 0.00	32.88 -0.03 0.00	29.10 -0.03 0.00	26.31 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	31.75 0.03 0.00	23.52 0.03 0.00	21.75 0.04 0.00	24.64 0.05 0.00	23.20 0.03 0.00	33.13 0.09 0.00	37.42 0.16 0.00	30.51 0.22 0.00	18.19 0.15 0.00	15.69 0.10 0.00	9.05 0.06 0.00	19.77 0.10 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.19 0.00 0.00	8.56 0.00 0.00	24.77 0.05 0.00	26.30 0.01 0.00	32.57 -0.02 0.00	39.92 0.14 0.00	51.11 0.28 0.00	33.02 0.12 0.00	29.23 0.09 0.00	26.39 0.04 0.00
MARSHVLE_115KV_TB1 80742	33.17 1.45 0.00	24.58 1.08 0.00	22.68 0.98 0.00	25.70 1.11 0.00	24.28 1.11 0.00	34.82 1.77 0.00	39.15 1.88 0.00	31.20 0.90 0.00	18.33 0.29 0.00	15.72 0.13 0.00	9.08 0.09 0.00	19.87 0.20 0.00	8.11 0.05 0.00	5.90 0.02 0.00	8.18 -0.01 0.00	8.55 0.00 0.00	24.67 -0.05 0.00	26.42 0.12 0.00	33.20 0.61 0.00	41.38 1.59 0.00	53.15 2.32 0.00	34.36 1.46 0.00	30.42 1.28 0.00	27.42 1.07 0.00
MARSH_HILL_WT_PWR 323713	31.67 -0.06 0.00	23.32 -0.17 0.00	21.63 -0.07 0.00	24.69 0.10 0.00	23.21 0.04 0.00	33.03 -0.01 0.00	37.40 0.13 0.00	30.25 -0.05 0.00	17.85 -0.19 0.00	15.55 -0.05 0.00	9.11 0.13 0.00	19.35 -0.32 0.00	8.03 -0.03 0.00	5.80 -0.08 0.00	8.07 -0.12 0.00	8.33 -0.22 0.00	24.04 -0.68 0.00	26.69 -0.52 -0.92	35.35 -0.36 -3.12	39.78 -0.01 0.00	50.67 -0.16 0.00	32.48 -0.43 0.00	28.49 -0.64 0.00	25.60 -0.75 0.00
MCINTYRE_115KV_TB2 80467	32.00 0.28 0.00	23.77 0.28 0.00	21.93 0.23 0.00	24.83 0.24 0.00	23.43 0.26 0.00	33.53 0.48 0.00	37.68 0.42 0.00	30.26 -0.04 0.00	17.90 -0.15 0.00	15.41 -0.18 0.00	8.90 -0.08 0.00	19.42 -0.25 0.00	7.92 -0.14 0.00	5.78 -0.11 0.00	8.02 -0.17 0.00	8.38 -0.17 0.00	24.25 -0.47 0.00	26.13 -0.60 -0.43	33.58 -0.49 -1.47	39.98 0.20 0.00	51.45 0.62 0.00	33.13 0.23 0.00	29.38 0.25 0.00	26.56 0.21 0.00
MECO____69_KV_BK1 80468	33.44 1.71 0.00	24.75 1.25 0.00	22.86 1.15 0.00	25.90 1.31 0.00	24.47 1.30 0.00	35.09 2.05 0.00	39.50 2.24 0.00	31.43 1.13 0.00	18.28 0.23 0.00	15.60 0.01 0.00	9.02 0.04 0.00	19.79 0.12 0.00	8.06 -0.01 0.00	5.85 -0.03 0.00	8.12 -0.07 0.00	8.49 -0.06 0.00	24.57 -0.15 0.00	26.41 0.12 0.00	33.45 0.86 0.00	41.89 2.11 0.00	53.91 3.08 0.00	34.87 1.96 0.00	30.79 1.66 0.00	27.73 1.37 0.00

MENANDS__115KV_TB5 355628	32.29 0.57 0.00	23.89 0.40 0.00	22.11 0.40 0.00	25.05 0.46 0.00	23.58 0.41 0.00	33.58 0.54 0.00	37.70 0.44 0.00	30.65 0.35 0.00	18.22 0.17 0.00	15.73 0.14 0.00	9.03 0.04 0.00	19.94 0.27 0.00	8.18 0.11 0.00	5.97 0.09 0.00	8.31 0.12 0.00	8.68 0.13 0.00	25.19 0.47 0.00	26.72 0.43 0.00	33.09 0.49 0.00	40.21 0.43 0.00	51.25 0.42 0.00	33.35 0.44 0.00	29.65 0.51 0.00	26.84 0.49 0.00
MG INDUSTRY__DRP 24185	32.33 0.61 0.00	23.94 0.44 0.00	22.14 0.43 0.00	25.08 0.49 0.00	23.62 0.45 0.00	33.65 0.61 0.00	37.79 0.53 0.00	30.63 0.33 0.00	18.16 0.12 0.00	15.69 0.10 0.00	9.02 0.04 0.00	19.86 0.19 0.00	8.15 0.08 0.00	5.94 0.05 0.00	8.26 0.07 0.00	8.64 0.08 0.00	25.03 0.30 0.00	26.63 0.34 0.00	33.10 0.50 0.00	40.33 0.54 0.00	51.48 0.65 0.00	33.47 0.57 0.00	29.72 0.59 0.00	26.90 0.55 0.00
MID__OSWEGATCHIE_HYD 23849	31.21 -0.52 0.00	23.13 -0.36 0.00	21.30 -0.40 0.00	24.11 -0.48 0.00	22.76 -0.40 0.00	32.58 -0.47 0.00	36.65 -0.62 0.00	29.40 -0.90 0.00	17.32 -0.73 0.00	14.87 -0.72 0.00	8.55 -0.43 0.00	18.68 -0.98 0.00	7.63 -0.44 0.00	5.55 -0.33 0.00	7.71 -0.48 0.00	8.05 -0.51 0.00	23.25 -1.47 0.00	25.70 -1.46 -0.88	34.28 -1.27 -2.95	38.96 -0.82 0.00	49.91 -0.92 0.00	32.14 -0.77 0.00	28.59 -0.54 0.00	25.78 -0.57 0.00
MID__RAQUETTE_HYD 23851	31.12 -0.60 0.00	23.12 -0.37 0.00	21.32 -0.38 0.00	24.13 -0.46 0.00	22.78 -0.39 0.00	32.57 -0.47 0.00	36.44 -0.82 0.00	29.38 -0.91 0.00	17.40 -0.64 0.00	14.97 -0.63 0.00	8.63 -0.36 0.00	18.84 -0.83 0.00	7.69 -0.38 0.00	5.60 -0.28 0.00	7.78 -0.41 0.00	8.13 -0.43 0.00	23.50 -1.22 0.00	25.43 -1.41 -0.55	32.96 -1.47 -1.84	38.56 -1.22 0.00	49.49 -1.35 0.00	31.90 -1.01 0.00	28.41 -0.72 0.00	25.69 -0.67 0.00
MILLIKEN__1 23584	32.33 0.60 0.00	23.90 0.41 0.00	22.07 0.36 0.00	25.05 0.46 0.00	23.62 0.45 0.00	33.70 0.66 0.00	38.14 0.87 0.00	30.83 0.53 0.00	18.17 0.12 0.00	15.63 0.04 0.00	9.00 0.02 0.00	19.59 -0.08 0.00	8.06 -0.01 0.00	5.87 -0.02 0.00	8.17 -0.02 0.00	8.52 -0.04 0.00	24.60 -0.12 0.00	27.80 0.09 -1.42	37.92 0.51 -4.82	40.59 0.81 0.00	51.85 1.02 0.00	33.43 0.53 0.00	29.48 0.35 0.00	26.66 0.31 0.00
MILLIKEN__2 23585	32.33 0.60 0.00	23.90 0.41 0.00	22.07 0.36 0.00	25.05 0.46 0.00	23.62 0.45 0.00	33.70 0.66 0.00	38.14 0.87 0.00	30.83 0.53 0.00	18.17 0.12 0.00	15.63 0.04 0.00	9.00 0.02 0.00	19.59 -0.08 0.00	8.06 -0.01 0.00	5.87 -0.02 0.00	8.17 -0.02 0.00	8.52 -0.04 0.00	24.60 -0.12 0.00	27.80 0.09 -1.42	37.92 0.51 -4.82	40.59 0.81 0.00	51.85 1.02 0.00	33.43 0.53 0.00	29.48 0.35 0.00	26.66 0.31 0.00
MILLIKEN__DIESEL 23629	32.33 0.60 0.00	23.90 0.41 0.00	22.07 0.36 0.00	25.05 0.46 0.00	23.62 0.45 0.00	33.70 0.66 0.00	38.14 0.87 0.00	30.83 0.53 0.00	18.17 0.12 0.00	15.63 0.04 0.00	9.00 0.02 0.00	19.59 -0.08 0.00	8.06 -0.01 0.00	5.87 -0.02 0.00	8.17 -0.02 0.00	8.52 -0.04 0.00	24.60 -0.12 0.00	27.80 0.09 -1.42	37.92 0.51 -4.82	40.59 0.81 0.00	51.85 1.02 0.00	33.43 0.53 0.00	29.48 0.35 0.00	26.66 0.31 0.00
MILLSEAT__LFGE 323607	31.53 -0.20 0.00	23.22 -0.27 0.00	21.43 -0.28 0.00	24.36 -0.23 0.00	22.90 -0.27 0.00	32.44 -0.60 0.00	36.59 -0.68 0.00	29.99 -0.31 0.00	17.89 -0.15 0.00	15.58 -0.01 0.00	9.17 0.19 0.00	19.44 -0.23 0.00	8.00 -0.07 0.00	5.80 -0.08 0.00	8.05 -0.15 0.00	8.36 -0.19 0.00	23.97 -0.75 0.00	25.98 -1.05 -0.73	33.65 -1.43 -2.49	38.54 -1.25 0.00	49.37 -1.46 0.00	31.53 -1.38 0.00	27.69 -1.44 0.00	25.33 -1.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.41 0.69 0.00	23.99 0.50 0.00	22.14 0.43 0.00	25.04 0.45 0.00	23.59 0.42 0.00	33.70 0.66 0.00	38.06 0.79 0.00	31.01 0.72 0.00	18.56 0.51 0.00	16.06 0.47 0.00	9.23 0.25 0.00	20.33 0.66 0.00	8.35 0.28 0.00	6.11 0.22 0.00	8.55 0.36 0.00	8.96 0.41 0.00	25.96 1.24 0.00	27.60 1.31 0.00	34.18 1.59 0.00	41.34 1.56 0.00	53.13 2.30 0.00	34.52 1.61 0.00	30.53 1.39 0.00	27.52 1.16 0.00
MILLWOOD_13_KV_LOAD 356217	32.47 0.75 0.00	24.04 0.54 0.00	22.18 0.47 0.00	25.09 0.50 0.00	23.63 0.46 0.00	33.76 0.71 0.00	38.14 0.87 0.00	31.08 0.78 0.00	18.59 0.55 0.00	16.08 0.49 0.00	9.25 0.26 0.00	20.35 0.68 0.00	8.36 0.29 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.98 0.42 0.00	26.00 1.28 0.00	27.66 1.37 0.00	34.26 1.66 0.00	41.44 1.66 0.00	53.25 2.42 0.00	34.60 1.69 0.00	30.59 1.46 0.00	27.57 1.22 0.00
MODEL_CITY_ENERGY 24167	30.67 -1.05 0.00	22.60 -0.89 0.00	20.86 -0.84 0.00	23.72 -0.87 0.00	22.28 -0.89 0.00	31.40 -1.65 0.00	35.11 -2.15 0.00	28.89 -1.41 0.00	17.45 -0.59 0.00	15.33 -0.26 0.00	9.09 0.11 0.00	19.21 -0.46 0.00	7.93 -0.14 0.00	5.75 -0.13 0.00	7.98 -0.21 0.00	8.29 -0.27 0.00	23.56 -1.16 -0.73	25.24 -1.78 -2.48	32.51 -2.56 0.00	37.07 -2.71 0.00	47.40 -3.43 0.00	30.26 -2.65 0.00	26.63 -2.50 0.00	24.48 -1.87 0.00
MODERN_LFGE__ 323580	30.67 -1.05 0.00	22.60 -0.89 0.00	20.86 -0.84 0.00	23.72 -0.87 0.00	22.28 -0.89 0.00	31.40 -1.65 0.00	35.11 -2.15 0.00	28.89 -1.41 0.00	17.45 -0.59 0.00	15.33 -0.26 0.00	9.09 0.11 0.00	19.21 -0.46 0.00	7.93 -0.14 0.00	5.75 -0.13 0.00	7.98 -0.21 0.00	8.29 -0.27 0.00	23.56 -1.16 -0.73	25.24 -1.78 -2.48	32.51 -2.56 0.00	37.07 -2.71 0.00	47.40 -3.43 0.00	30.26 -2.65 0.00	26.63 -2.50 0.00	24.48 -1.87 0.00
MOHAWK_PAPER__DRP 24187	32.43 0.70 0.00	24.00 0.50 0.00	22.20 0.49 0.00	25.15 0.56 0.00	23.68 0.51 0.00	33.74 0.69 0.00	37.89 0.63 0.00	30.78 0.49 0.00	18.29 0.24 0.00	15.78 0.19 0.00	9.06 0.08 0.00	20.01 0.34 0.00	8.20 0.13 0.00	5.98 0.10 0.00	8.32 0.13 0.00	8.70 0.15 0.00	25.24 0.52 0.00	26.80 0.51 0.00	33.22 0.62 0.00	40.44 0.66 0.00	51.56 0.73 0.00	33.53 0.61 0.00	29.79 0.66 0.00	26.95 0.60 0.00
MOHICAN__35_KV_115KV_LD 80490	33.28 1.55 0.00	24.67 1.18 0.00	22.88 1.17 0.00	25.95 1.35 0.00	24.47 1.30 0.00	35.01 1.96 0.00	39.39 2.12 0.00	31.89 1.60 0.00	18.73 0.69 0.00	16.07 0.48 0.00	9.16 0.18 0.00	20.25 0.58 0.00	8.27 0.20 0.00	6.00 0.11 0.00	8.34 0.15 0.00	8.70 0.15 0.00	25.40 0.68 0.00	26.99 0.70 0.00	33.76 1.17 0.00	41.64 1.85 0.00	53.14 2.31 0.00	34.54 1.63 0.00	30.64 1.51 0.00	27.60 1.25 0.00
MONGAUP__HYD 23641	32.44 0.71 0.00	24.02 0.52 0.00	22.17 0.47 0.00	25.10 0.51 0.00	23.66 0.49 0.00	33.92 0.87 0.00	38.20 0.93 0.00	30.98 0.68 0.00	18.33 0.29 0.00	15.89 0.30 0.00	9.13 0.15 0.00	20.09 0.42 0.00	8.25 0.18 0.00	6.03 0.15 0.00	8.44 0.25 0.00	8.84 0.29 0.00	25.59 0.86 0.00	27.24 0.95 0.00	33.62 1.03 0.00	41.17 1.39 0.00	53.11 2.27 0.00	34.50 1.59 0.00	30.44 1.31 0.00	27.40 1.05 0.00

MONTAUK___DIESEL 23721	36.27 2.03 -2.51	24.32 0.83 0.00	21.75 0.04 0.00	24.59 0.00 0.00	23.26 0.09 0.00	34.13 1.08 0.00	39.10 1.83 0.00	33.39 1.79 -1.30	20.85 1.05 -1.76	16.58 0.85 -0.13	9.47 0.49 0.00	20.80 1.13 0.00	8.49 0.42 0.00	6.21 0.33 0.00	8.70 0.51 0.00	9.09 0.54 0.00	28.93 1.66 -2.55	27.70 1.36 -0.04	84.72 3.18 -48.95	107.09 4.12 -63.19	107.50 5.56 -51.11	70.82 3.56 -34.36	51.64 3.12 -19.39	32.71 2.67 -3.69
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.19 0.46 0.00	23.66 0.17 0.00	21.90 0.19 0.00	24.92 0.33 0.00	23.37 0.20 0.00	33.09 0.04 0.00	37.47 0.21 0.00	30.60 0.31 0.00	18.31 0.27 0.00	16.03 0.44 0.00	9.40 0.42 0.00	19.96 0.29 0.00	8.31 0.25 0.00	6.00 0.12 0.00	8.35 0.16 0.00	8.67 0.11 0.00	24.83 0.11 0.00	26.89 -0.15 -0.75	34.85 -0.32 -2.57	39.83 0.05 0.00	50.80 -0.03 0.00	31.75 -1.15 0.00	26.95 -2.19 0.00	24.40 -1.95 0.00
MORRIS_RIDGE___SOLAR 323848	31.40 -0.33 0.00	23.09 -0.40 0.00	21.39 -0.31 0.00	24.36 -0.23 0.00	22.88 -0.29 0.00	32.44 -0.61 0.00	36.61 -0.65 0.00	29.62 -0.67 0.00	17.56 -0.49 0.00	15.34 -0.25 0.00	9.01 0.02 0.00	19.12 -0.55 0.00	7.95 -0.12 0.00	5.74 -0.14 0.00	8.00 -0.19 0.00	8.28 -0.28 0.00	23.86 -0.86 0.00	26.27 -0.85 -0.83	34.47 -0.95 -2.82	39.04 -0.75 0.00	49.80 -1.04 0.00	31.90 -1.01 0.00	27.98 -1.15 0.00	25.21 -1.14 0.00
MORTIMER_115KV_TB3 55949	31.40 -0.32 0.00	23.18 -0.31 0.00	21.40 -0.31 0.00	24.30 -0.30 0.00	22.87 -0.30 0.00	32.58 -0.46 0.00	36.77 -0.49 0.00	30.02 -0.27 0.00	17.92 -0.12 0.00	15.58 -0.01 0.00	9.07 0.09 0.00	19.53 -0.14 0.00	8.03 -0.04 0.00	5.83 -0.05 0.00	8.11 -0.09 0.00	8.44 -0.12 0.00	24.36 -0.37 0.00	26.56 -0.47 -0.73	34.45 -0.63 -2.49	39.19 -0.59 0.00	50.06 -0.78 0.00	32.16 -0.75 0.00	28.29 -0.85 0.00	25.69 -0.66 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.39 0.66 0.00	23.98 0.49 0.00	22.11 0.41 0.00	25.00 0.41 0.00	23.56 0.39 0.00	33.64 0.59 0.00	37.99 0.73 0.00	31.00 0.70 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.06 1.34 0.00	27.69 1.40 0.00	34.28 1.68 0.00	41.40 1.61 0.00	53.34 2.50 0.00	34.68 1.78 0.00	30.70 1.57 0.00	27.67 1.32 0.00
MUNSVILLE_WIND_PWR 323609	34.11 2.39 0.00	25.23 1.73 0.00	23.37 1.66 0.00	26.55 1.96 0.00	25.12 1.95 0.00	36.14 3.09 0.00	40.99 3.72 0.00	32.80 2.50 0.00	18.90 0.86 0.00	16.07 0.48 0.00	9.27 0.29 0.00	20.13 0.46 0.00	8.28 0.22 0.00	5.98 0.10 0.00	8.30 0.11 0.00	8.62 0.06 0.00	24.96 0.24 0.00	28.11 0.84 -0.98	38.46 2.28 -3.59	43.33 3.55 0.00	55.29 4.46 0.00	35.56 2.66 0.00	31.16 2.03 0.00	27.90 1.54 0.00
N SALMON___HYD 24042	31.86 0.13 0.00	23.65 0.15 0.00	21.86 0.15 0.00	24.78 0.19 0.00	23.33 0.16 0.00	33.37 0.32 0.00	37.73 0.47 0.00	30.77 0.47 0.00	18.33 0.28 0.00	15.77 0.18 0.00	9.09 0.11 0.00	19.87 0.20 0.00	8.12 0.05 0.00	5.90 0.02 0.00	8.21 0.02 0.00	8.57 0.02 0.00	24.80 0.08 0.00	26.35 0.06 0.00	32.68 0.08 0.00	40.19 0.40 0.00	51.49 0.66 0.00	33.29 0.38 0.00	29.40 0.26 0.00	26.51 0.16 0.00
N.AKRON__115KV_KNAPP 355671	31.40 -0.33 0.00	23.15 -0.35 0.00	21.36 -0.34 0.00	24.29 -0.30 0.00	22.83 -0.34 0.00	32.27 -0.78 0.00	36.63 -0.64 0.00	30.18 -0.12 0.00	18.01 -0.04 0.00	15.68 0.09 0.00	9.23 0.25 0.00	19.55 -0.12 0.00	8.02 -0.05 0.00	5.81 -0.07 0.00	8.06 -0.13 0.00	8.37 -0.18 0.00	23.97 -0.75 0.00	25.94 -1.09 -0.73	33.49 -1.59 -2.48	38.33 -1.45 0.00	49.01 -1.82 0.00	31.32 -1.59 0.00	27.51 -1.63 0.00	25.20 -1.15 0.00
N.BELMOR_69_KV_BK1 55787	36.31 1.16 -3.42	24.29 0.79 0.00	22.35 0.64 0.00	25.27 0.68 0.00	23.84 0.67 0.00	34.14 1.09 0.00	38.53 1.26 0.00	31.34 1.04 0.00	18.74 0.69 0.00	16.15 0.56 0.00	9.27 0.29 0.00	20.39 0.72 0.00	8.35 0.28 0.00	6.11 0.22 0.00	8.58 0.39 0.00	9.02 0.46 0.00	29.78 1.58 -3.47	28.04 1.69 -0.06	80.96 2.07 -46.30	103.36 2.17 -61.41	98.85 3.02 -44.99	68.67 2.14 -33.62	57.41 1.91 -26.37	32.99 1.63 -5.02
N.E._GEN_SANDY PD 24062	32.45 0.72 0.00	24.04 0.55 0.00	22.26 0.55 0.00	27.13 0.61 -1.92	27.08 0.57 -3.34	35.53 0.76 -1.72	39.88 0.69 -1.92	30.86 0.57 0.00	18.51 0.38 -0.09	13.88 0.33 2.05	8.75 0.13 0.36	22.86 0.51 -2.68	7.64 0.22 0.64	6.05 0.16 0.00	8.95 0.24 -0.52	3.55 0.27 5.28	27.27 0.90 -1.65	28.74 0.86 -1.59	33.51 0.92 0.00	29.94 0.92 10.76	65.44 1.08 -13.53	32.85 0.79 0.85	30.00 0.87 0.00	27.08 0.73 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.44 0.72 0.00	24.01 0.52 0.00	22.16 0.46 0.00	25.09 0.50 0.00	23.62 0.45 0.00	33.74 0.69 0.00	38.12 0.86 0.00	31.05 0.76 0.00	18.56 0.52 0.00	16.06 0.47 0.00	9.24 0.26 0.00	20.35 0.69 0.00	8.36 0.29 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.98 0.42 0.00	25.99 1.27 0.00	27.64 1.35 0.00	34.23 1.64 0.00	41.41 1.63 0.00	53.16 2.32 0.00	34.52 1.61 0.00	30.48 1.35 0.00	27.49 1.14 0.00
N.QUEENS_27_KV_LOAD 356247	32.75 0.98 -0.04	24.21 0.73 0.02	-264.84 0.63 287.18	25.22 0.64 0.01	23.77 0.61 0.02	34.01 0.91 -0.06	38.39 1.09 -0.03	31.37 1.01 -0.06	18.79 0.75 0.01	16.18 0.60 0.01	9.27 0.29 0.00	20.41 0.74 0.00	8.37 0.31 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.02 0.47 0.00	26.09 1.37 0.00	27.68 1.39 0.00	34.26 1.66 0.00	41.22 1.44 0.00	53.22 2.39 0.00	34.84 1.93 0.00	30.79 1.66 0.00	27.72 1.37 0.00
N.TROY___115KV_TB1 355778	32.58 0.86 0.00	24.13 0.64 0.00	22.34 0.63 0.00	25.31 0.72 0.00	23.85 0.68 0.00	34.00 0.95 0.00	38.18 0.91 0.00	30.99 0.69 0.00	18.40 0.36 0.00	15.86 0.27 0.00	9.08 0.10 0.00	20.09 0.42 0.00	8.23 0.17 0.00	6.00 0.12 0.00	8.35 0.16 0.00	8.72 0.17 0.00	25.33 0.61 0.00	26.88 0.59 0.00	33.31 0.71 0.00	40.65 0.87 0.00	51.81 0.97 0.00	33.67 0.76 0.00	29.94 0.81 0.00	27.04 0.69 0.00
NARROWS_GT1_1 24228	32.44 0.72 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.45 0.00	23.60 0.43 0.00	33.61 0.56 0.00	37.95 0.68 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.75 1.45 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.80 1.67 0.00	27.76 1.41 0.00
NARROWS_GT1_2 24229	32.44 0.72 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.45 0.00	23.60 0.43 0.00	33.61 0.56 0.00	37.95 0.68 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.75 1.45 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.80 1.67 0.00	27.76 1.41 0.00

NARROWS_GT1_3 24230	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT1_4 24231	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT1_5 24232	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT1_6 24233	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT1_7 24234	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT1_8 24235	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_1 24236	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_2 24237	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_3 24238	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_4 24239	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_5 24240	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_6 24241	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_7 24242	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NARROWS_GT2_8 24243	32.44 <u>0.72</u> 0.00	24.06 <u>0.57</u> 0.00	22.17 <u>0.47</u> 0.00	25.05 <u>0.45</u> 0.00	23.60 <u>0.43</u> 0.00	33.61 <u>0.56</u> 0.00	37.95 <u>0.68</u> 0.00	31.02 <u>0.72</u> 0.00	18.62 <u>0.57</u> 0.00	16.12 <u>0.52</u> 0.00	9.28 <u>0.30</u> 0.00	20.41 <u>0.74</u> 0.00	8.38 <u>0.31</u> 0.00	6.14 <u>0.26</u> 0.00	8.61 <u>0.42</u> 0.00	9.03 <u>0.48</u> 0.00	26.10 <u>1.38</u> 0.00	27.75 <u>1.45</u> 0.00	34.34 <u>1.75</u> 0.00	41.48 <u>1.70</u> 0.00	53.45 <u>2.62</u> 0.00	34.83 <u>1.93</u> 0.00	30.80 <u>1.67</u> 0.00	27.76 <u>1.41</u> 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.77 <u>1.04</u> 0.00	24.24 <u>0.75</u> 0.00	22.41 <u>0.71</u> 0.00	25.40 <u>0.81</u> 0.00	23.93 <u>0.77</u> 0.00	34.15 <u>1.10</u> 0.00	38.44 <u>1.18</u> 0.00	31.16 <u>0.86</u> 0.00	18.34 <u>0.30</u> 0.00	15.78 <u>0.19</u> 0.00	9.05 <u>0.07</u> 0.00	19.97 <u>0.31</u> 0.00	8.18 <u>0.12</u> 0.00	5.96 <u>0.07</u> 0.00	8.29 <u>0.10</u> 0.00	8.67 <u>0.12</u> 0.00	25.17 <u>0.45</u> 0.00	26.81 <u>0.51</u> 0.00	33.35 <u>0.76</u> 0.00	40.79 <u>1.01</u> 0.00	52.27 <u>1.44</u> 0.00	33.99 <u>1.08</u> 0.00	30.11 <u>0.98</u> 0.00	27.23 <u>0.87</u> 0.00



NCHELSEA_115KV_TR2 355582	32.66 0.93 0.00	24.16 0.67 0.00	22.31 0.60 0.00	25.24 0.65 0.00	23.79 0.62 0.00	33.99 0.94 0.00	38.39 1.13 0.00	31.27 0.98 0.00	18.68 0.64 0.00	16.14 0.55 0.00	9.27 0.29 0.00	20.39 0.72 0.00	8.38 0.31 0.00	6.12 0.24 0.00	8.56 0.37 0.00	8.98 0.42 0.00	26.02 1.30 0.00	27.72 1.43 0.00	34.39 1.79 0.00	41.67 1.88 0.00	53.51 2.68 0.00	34.71 1.81 0.00	30.67 1.54 0.00	27.63 1.27 0.00
NEG CAPITAL___MECHNVIL 23645	33.09 1.37 0.00	24.51 1.01 0.00	22.70 0.99 0.00	25.72 1.13 0.00	24.25 1.08 0.00	34.60 1.55 0.00	38.91 1.65 0.00	31.53 1.23 0.00	18.63 0.59 0.00	16.02 0.43 0.00	9.18 0.19 0.00	20.28 0.61 0.00	8.30 0.23 0.00	6.03 0.15 0.00	8.39 0.20 0.00	8.77 0.22 0.00	25.52 0.80 0.00	27.20 0.91 0.00	33.87 1.27 0.00	41.47 1.69 0.00	52.88 2.05 0.00	34.32 1.42 0.00	30.46 1.33 0.00	27.48 1.13 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.92 -0.80 0.00	22.82 -0.67 0.00	21.07 -0.63 0.00	23.92 -0.67 0.00	22.53 -0.64 0.00	32.13 -0.92 0.00	36.29 -0.97 0.00	29.57 -0.73 0.00	17.63 -0.42 0.00	15.29 -0.30 0.00	8.88 -0.10 0.00	19.17 -0.50 0.00	7.88 -0.19 0.00	5.74 -0.15 0.00	7.97 -0.22 0.00	8.30 -0.26 0.00	23.94 -0.77 0.00	26.31 -0.86 -0.88	34.56 -1.03 -2.99	38.68 -1.11 0.00	49.38 -1.45 0.00	31.74 -1.17 0.00	27.93 -1.20 0.00	25.34 -1.01 0.00
NEG CENTRAL___DRP 24199	31.80 0.07 0.00	23.48 -0.01 0.00	21.71 0.00 0.00	24.65 0.06 0.00	23.22 0.05 0.00	33.12 0.07 0.00	37.49 0.23 0.00	30.35 0.06 0.00	17.95 -0.09 0.00	15.53 -0.07 0.00	8.98 0.00 0.00	19.46 -0.21 0.00	8.02 -0.05 0.00	5.83 -0.05 0.00	8.12 -0.07 0.00	8.45 -0.11 0.00	24.38 -0.34 0.00	27.62 -0.22 -1.55	37.79 -0.03 -5.23	39.93 0.14 0.00	50.94 0.10 0.00	32.81 -0.10 0.00	28.89 -0.24 0.00	26.14 -0.21 0.00
NEG CENTRAL___INDECK 23768	32.53 0.80 0.00	23.94 0.45 0.00	22.15 0.44 0.00	25.22 0.63 0.00	23.72 0.55 0.00	33.85 0.81 0.00	38.29 1.02 0.00	30.95 0.65 0.00	18.15 0.11 0.00	15.76 0.17 0.00	9.20 0.22 0.00	19.68 0.01 0.00	8.13 0.06 0.00	5.89 0.01 0.00	8.19 0.00 0.00	8.50 -0.05 0.00	24.55 -0.17 0.00	27.09 -0.02 -0.82	35.58 0.19 -2.80	40.60 0.82 0.00	52.09 1.26 0.00	33.41 0.51 0.00	29.28 0.14 0.00	26.42 0.07 0.00
NEG CENTRAL___SENECA 23627	31.87 0.15 0.00	23.51 0.01 0.00	21.76 0.05 0.00	24.72 0.12 0.00	23.27 0.11 0.00	33.19 0.14 0.00	37.61 0.34 0.00	30.44 0.15 0.00	18.00 -0.05 0.00	15.57 -0.02 0.00	9.03 0.05 0.00	19.48 -0.19 0.00	8.05 -0.02 0.00	5.84 -0.04 0.00	8.14 -0.05 0.00	8.45 -0.11 0.00	24.39 -0.33 0.00	27.24 -0.21 -1.15	36.52 0.02 -3.90	40.05 0.27 0.00	51.10 0.27 0.00	32.88 -0.03 0.00	28.91 -0.22 0.00	26.14 -0.21 0.00
NEG CENTRAL___STATE_STREET 24147	31.98 0.26 0.00	23.65 0.15 0.00	21.78 0.08 0.00	24.76 0.17 0.00	23.35 0.18 0.00	33.22 0.18 0.00	37.66 0.39 0.00	30.42 0.12 0.00	18.03 -0.02 0.00	15.57 -0.02 0.00	8.96 -0.02 0.00	19.50 -0.17 0.00	8.02 -0.05 0.00	5.86 -0.02 0.00	8.16 -0.03 0.00	8.50 -0.06 0.00	24.52 -0.20 0.00	28.06 -0.05 -1.81	38.89 0.17 -6.12	40.13 0.35 0.00	51.21 0.38 0.00	32.93 0.02 0.00	29.04 -0.10 0.00	26.36 0.00 0.00
NEG MILLWOOD___DRP 24198	32.65 0.93 0.00	24.16 0.66 0.00	22.30 0.59 0.00	25.23 0.64 0.00	23.78 0.61 0.00	33.98 0.94 0.00	38.40 1.14 0.00	31.30 1.01 0.00	18.81 0.76 0.00	16.24 0.65 0.00	9.32 0.34 0.00	20.48 0.82 0.00	8.42 0.35 0.00	6.15 0.27 0.00	8.60 0.41 0.00	9.00 0.45 0.00	26.09 1.37 0.00	27.79 1.50 0.00	34.45 1.86 0.00	41.72 1.94 0.00	53.58 2.75 0.00	34.78 1.87 0.00	30.73 1.60 0.00	27.68 1.33 0.00
NEG NORTH_FLCN_SEA 23793	32.17 0.44 0.00	23.76 0.26 0.00	21.98 0.27 0.00	24.90 0.31 0.00	23.45 0.28 0.00	33.47 0.42 0.00	37.82 0.56 0.00	30.90 0.60 0.00	18.38 0.34 0.00	15.86 0.27 0.00	9.14 0.16 0.00	20.01 0.34 0.00	8.18 0.11 0.00	5.95 0.07 0.00	8.28 0.09 0.00	8.64 0.09 0.00	25.05 0.33 0.00	26.59 0.30 0.00	32.95 0.35 0.00	40.36 0.57 0.00	51.66 0.82 0.00	33.41 0.50 0.00	29.59 0.46 0.00	26.67 0.32 0.00
NEG NORTH_KES_CHATEGAY 23792	31.73 0.00 0.00	23.52 0.03 0.00	21.75 0.04 0.00	24.64 0.05 0.00	23.20 0.03 0.00	33.15 0.11 0.00	37.44 0.17 0.00	30.49 0.19 0.00	18.17 0.13 0.00	15.66 0.07 0.00	9.03 0.05 0.00	19.74 0.07 0.00	8.07 0.00 0.00	5.88 0.00 0.00	8.18 -0.02 0.00	8.55 -0.01 0.00	24.72 0.00 0.00	26.25 -0.04 0.00	32.51 -0.09 0.00	39.89 0.11 0.00	51.16 0.32 0.00	33.06 0.15 0.00	29.25 0.11 0.00	26.39 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	32.19 0.47 0.00	23.77 0.28 0.00	21.99 0.28 0.00	24.91 0.32 0.00	23.46 0.29 0.00	33.51 0.46 0.00	37.86 0.59 0.00	30.84 0.55 0.00	18.35 0.31 0.00	15.83 0.24 0.00	9.12 0.14 0.00	19.97 0.30 0.00	8.16 0.09 0.00	5.94 0.05 0.00	8.25 0.06 0.00	8.62 0.06 0.00	24.97 0.25 0.00	26.52 0.23 0.00	32.87 0.27 0.00	40.37 0.59 0.00	51.76 0.93 0.00	33.48 0.57 0.00	29.62 0.49 0.00	26.69 0.34 0.00
NEG NORTH___LWR_SARANAC 23913	32.19 0.47 0.00	23.77 0.28 0.00	21.99 0.28 0.00	24.91 0.32 0.00	23.46 0.29 0.00	33.51 0.46 0.00	37.86 0.59 0.00	30.84 0.55 0.00	18.35 0.31 0.00	15.83 0.24 0.00	9.12 0.14 0.00	19.97 0.30 0.00	8.16 0.09 0.00	5.94 0.05 0.00	8.25 0.06 0.00	8.62 0.06 0.00	24.97 0.25 0.00	26.52 0.23 0.00	32.87 0.27 0.00	40.37 0.59 0.00	51.76 0.93 0.00	33.48 0.57 0.00	29.62 0.49 0.00	26.69 0.34 0.00
NEG NORTH___PLATTSBURG 23628	32.19 0.47 0.00	23.77 0.28 0.00	21.99 0.28 0.00	24.90 0.32 0.00	23.46 0.29 0.00	33.51 0.46 0.00	37.86 0.59 0.00	30.84 0.55 0.00	18.35 0.31 0.00	15.83 0.24 0.00	9.12 0.14 0.00	19.97 0.30 0.00	8.16 0.09 0.00	5.94 0.05 0.00	8.25 0.06 0.00	8.62 0.06 0.00	24.97 0.25 0.00	26.52 0.23 0.00	32.87 0.27 0.00	40.37 0.59 0.00	51.76 0.93 0.00	33.47 0.57 0.00	29.62 0.49 0.00	26.69 0.34 0.00
NEG WEST_LEA_LOCKPORT 23791	30.94 -0.78 0.00	22.81 -0.68 0.00	21.05 -0.65 0.00	23.94 -0.65 0.00	22.48 -0.69 0.00	31.70 -1.35 0.00	35.50 -1.77 0.00	29.21 -1.09 0.00	17.62 -0.42 0.00	15.46 -0.13 0.00	9.15 0.17 0.00	19.32 -0.35 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.17 0.00	8.34 -0.22 0.00	23.77 -0.95 0.00	25.58 -1.44 -0.73	32.94 -2.14 -2.48	37.59 -2.19 0.00	48.02 -2.81 0.00	30.67 -2.23 0.00	26.96 -2.17 0.00	24.74 -1.61 0.00
NEG WEST___LANCASTR 23811	30.94 -0.78 0.00	22.77 -0.72 0.00	21.06 -0.65 0.00	23.95 -0.64 0.00	22.47 -0.69 0.00	31.78 -1.27 0.00	35.84 -1.43 0.00	29.42 -0.88 0.00	17.72 -0.33 0.00	15.53 -0.07 0.00	9.12 0.14 0.00	19.33 -0.34 0.00	8.01 -0.06 0.00	5.79 -0.09 0.00	8.06 -0.13 0.00	8.36 -0.19 0.00	23.97 -0.76 0.00	25.93 -1.12 -0.75	33.59 -1.57 -2.57	38.10 -1.69 0.00	48.64 -2.20 0.00	31.10 -1.80 0.00	27.32 -1.81 0.00	24.88 -1.47 0.00

NEG_PENN_ALLEGHNY 23528	31.98 0.25 0.00	23.64 0.14 0.00	21.86 0.15 0.00	24.78 0.19 0.00	23.34 0.17 0.00	33.32 0.27 0.00	37.65 0.38 0.00	30.57 0.27 0.00	18.13 0.09 0.00	15.67 0.08 0.00	9.05 0.07 0.00	19.72 0.05 0.00	8.12 0.05 0.00	5.91 0.03 0.00	8.24 0.05 0.00	8.58 0.03 0.00	24.78 0.06 0.00	27.42 0.18 -0.95	36.25 0.39 -3.25	40.23 0.45 0.00	51.29 0.46 0.00	33.17 0.26 0.00	29.27 0.14 0.00	26.44 0.09 0.00
NEG___GEN_MONROE 24207	31.61 -0.12 0.00	23.32 -0.17 0.00	21.53 -0.17 0.00	24.45 -0.14 0.00	23.01 -0.15 0.00	32.81 -0.24 0.00	37.00 -0.26 0.00	30.18 -0.11 0.00	17.98 -0.06 0.00	15.61 0.02 0.00	9.11 0.12 0.00	19.63 -0.04 0.00	8.03 -0.04 0.00	5.83 -0.05 0.00	8.10 -0.09 0.00	8.44 -0.12 0.00	24.41 -0.31 0.00	26.57 -0.46 -0.73	34.49 -0.60 -2.49	39.32 -0.46 0.00	50.27 -0.56 0.00	32.26 -0.65 0.00	28.36 -0.77 0.00	25.78 -0.57 0.00
NEPA___ENERGY 23901	31.63 -0.09 0.00	23.23 -0.26 0.00	21.53 -0.18 0.00	24.49 -0.10 0.00	22.96 -0.21 0.00	32.44 -0.61 0.00	36.75 -0.51 0.00	30.01 -0.28 0.00	17.99 -0.05 0.00	15.78 0.19 0.00	9.28 0.30 0.00	19.68 0.01 0.00	8.24 0.17 0.00	5.94 0.05 0.00	8.29 0.10 0.00	8.58 0.02 0.00	24.57 -0.15 0.00	26.68 -0.36 -0.76	34.54 -0.63 -2.57	39.30 -0.48 0.00	49.88 -0.95 0.00	31.78 -1.13 0.00	27.71 -1.42 0.00	25.26 -1.10 0.00
NEVERSINK___HYD 23608	32.57 0.85 0.00	24.12 0.62 0.00	22.27 0.56 0.00	25.21 0.62 0.00	23.78 0.61 0.00	33.96 0.92 0.00	38.42 1.15 0.00	31.26 0.96 0.00	18.64 0.59 0.00	16.04 0.45 0.00	9.20 0.22 0.00	20.22 0.55 0.00	8.31 0.24 0.00	6.07 0.19 0.00	8.49 0.30 0.00	8.90 0.35 0.00	25.80 1.08 0.00	27.57 1.28 0.00	34.33 1.73 0.00	41.73 1.95 0.00	53.61 2.78 0.00	34.76 1.86 0.00	30.66 1.52 0.00	27.59 1.24 0.00
NEWKRMKL_115KV_TB1 55635	32.20 0.48 0.00	23.83 0.34 0.00	22.05 0.34 0.00	24.98 0.39 0.00	23.51 0.34 0.00	33.52 0.47 0.00	37.64 0.37 0.00	30.57 0.28 0.00	18.13 0.09 0.00	15.66 0.07 0.00	9.00 0.02 0.00	19.85 0.18 0.00	8.14 0.07 0.00	5.94 0.06 0.00	8.27 0.08 0.00	8.64 0.09 0.00	25.07 0.35 0.00	26.63 0.34 0.00	33.00 0.41 0.00	40.10 0.32 0.00	51.11 0.28 0.00	33.27 0.36 0.00	29.55 0.41 0.00	26.78 0.43 0.00
NEWTON___FALLS_HYD 23847	31.21 -0.52 0.00	23.13 -0.36 0.00	21.30 -0.40 0.00	24.11 -0.48 0.00	22.76 -0.40 0.00	32.58 -0.47 0.00	36.65 -0.62 0.00	29.40 -0.90 0.00	17.32 -0.73 0.00	14.87 -0.72 0.00	8.55 -0.43 0.00	18.68 -0.98 0.00	7.63 -0.44 0.00	5.55 -0.33 0.00	7.71 -0.48 0.00	8.05 -0.51 0.00	23.25 -1.47 0.00	25.70 -1.46 -0.88	34.28 -1.27 -2.95	38.96 -0.82 0.00	49.91 -0.92 0.00	32.14 -0.77 0.00	28.59 -0.54 0.00	25.78 -0.57 0.00
NGRID_A1_DSASP 323792	30.60 -1.13 0.00	22.56 -0.93 0.00	20.82 -0.88 0.00	23.68 -0.92 0.00	22.23 -0.94 0.00	31.33 -1.72 0.00	35.13 -2.13 0.00	28.95 -1.35 0.00	17.51 -0.53 0.00	15.36 -0.23 0.00	9.06 0.08 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.27 -0.29 0.00	23.59 -1.13 0.00	25.12 -1.64 -0.46	27.73 -2.37 2.49	27.73 -2.54 9.52	26.06 -3.28 21.49	25.42 -2.50 4.98	26.75 -2.38 0.00	24.54 -1.81 0.00
NGRID_A2_DSASP 323793	30.60 -1.13 0.00	22.56 -0.93 0.00	20.82 -0.88 0.00	23.68 -0.92 0.00	22.23 -0.94 0.00	31.33 -1.72 0.00	35.13 -2.13 0.00	28.95 -1.35 0.00	17.51 -0.53 0.00	15.36 -0.23 0.00	9.06 0.08 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.27 -0.29 0.00	23.59 -1.13 0.00	25.12 -1.64 -0.46	27.73 -2.37 2.49	27.73 -2.54 9.52	26.06 -3.28 21.49	25.42 -2.50 4.98	26.75 -2.38 0.00	24.54 -1.81 0.00
NGRID_A4_DSASP 323807	30.60 -1.13 0.00	22.56 -0.93 0.00	20.82 -0.88 0.00	23.68 -0.92 0.00	22.23 -0.94 0.00	31.33 -1.72 0.00	35.13 -2.13 0.00	28.95 -1.35 0.00	17.51 -0.53 0.00	15.36 -0.23 0.00	9.06 0.08 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.27 -0.29 0.00	23.59 -1.13 0.00	25.12 -1.64 -0.46	27.73 -2.37 2.49	27.73 -2.54 9.52	26.06 -3.28 21.49	25.42 -2.50 4.98	26.75 -2.38 0.00	24.54 -1.81 0.00
NIAGARA_115E_LBMP 323715	30.50 -1.22 0.00	22.48 -1.01 0.00	20.75 -0.95 0.00	23.60 -1.00 0.00	22.16 -1.01 0.00	31.22 -1.83 0.00	34.87 -2.40 0.00	28.70 -1.60 0.00	17.36 -0.68 0.00	15.26 -0.34 0.00	9.07 0.09 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.73 -0.15 0.00	7.95 -0.24 0.00	8.26 -0.30 0.00	23.45 -1.27 0.00	25.08 -1.94 -0.73	32.26 -2.81 -2.47	36.76 -3.03 0.00	47.01 -3.82 0.00	30.00 -2.90 0.00	26.43 -2.71 0.00	24.33 -2.02 0.00
NIAGARA_115W_LBMP 323714	30.56 -1.17 0.00	22.52 -0.97 0.00	20.78 -0.93 0.00	23.62 -0.96 0.00	22.19 -0.98 0.00	31.27 -1.77 0.00	35.08 -2.19 0.00	28.89 -1.41 0.00	17.48 -0.57 0.00	15.33 -0.26 0.00	9.04 0.06 0.00	19.11 -0.56 0.00	7.90 -0.17 0.00	5.72 -0.16 0.00	7.94 -0.25 0.00	8.25 -0.31 0.00	23.53 -1.19 0.00	25.01 -1.75 -0.46	27.65 -2.46 2.49	27.63 -2.63 9.52	25.96 -3.35 21.52	25.35 -2.57 4.98	26.69 -2.44 0.00	24.48 -1.87 0.00
NIAGARA_230_LBMP 323716	30.66 -1.07 0.00	22.59 -0.91 0.00	20.84 -0.86 0.00	23.69 -0.90 0.00	22.24 -0.93 0.00	31.37 -1.68 0.00	35.18 -2.09 0.00	28.97 -1.32 0.00	17.53 -0.52 0.00	15.38 -0.21 0.00	9.07 0.09 0.00	19.18 -0.49 0.00	7.92 -0.15 0.00	5.74 -0.14 0.00	7.97 -0.22 0.00	8.27 -0.28 0.00	23.62 -1.10 0.00	25.34 -1.67 -0.71	32.69 -2.34 -2.43	37.29 -2.49 0.00	47.67 -3.16 0.00	30.46 -2.45 0.00	26.80 -2.33 0.00	24.57 -1.79 0.00
NIAGARA___115KV_198_GIBSON 55903	30.53 -1.19 0.00	22.52 -0.98 0.00	20.78 -0.93 0.00	23.63 -0.96 0.00	22.19 -0.98 0.00	31.25 -1.79 0.00	35.06 -2.21 0.00	28.89 -1.41 0.00	17.48 -0.57 0.00	15.33 -0.26 0.00	9.04 0.06 0.00	19.11 -0.56 0.00	7.90 -0.17 0.00	5.72 -0.16 0.00	7.94 -0.25 0.00	8.25 -0.31 0.00	23.53 -1.19 0.00	25.06 -1.70 -0.46	27.65 -2.45 2.49	27.63 -2.63 9.52	25.90 -3.40 21.52	25.35 -2.58 4.98	26.68 -2.45 0.00	24.48 -1.87 0.00
NIAGARA____ 23760	30.66 -1.07 0.00	22.59 -0.91 0.00	20.84 -0.86 0.00	23.69 -0.90 0.00	22.24 -0.93 0.00	31.37 -1.68 0.00	35.18 -2.09 0.00	28.97 -1.32 0.00	17.53 -0.52 0.00	15.38 -0.21 0.00	9.07 0.09 0.00	19.18 -0.49 0.00	7.92 -0.15 0.00	5.74 -0.14 0.00	7.97 -0.22 0.00	8.27 -0.28 0.00	23.62 -1.10 0.00	25.30 -1.67 -0.67	31.85 -2.34 -1.59	35.64 -2.49 1.65	43.95 -3.16 3.72	29.60 -2.45 0.85	26.80 -2.33 0.00	24.57 -1.79 0.00
NINE_MILE_1 23575	30.87 -0.86 0.00	22.86 -0.64 0.00	21.12 -0.59 0.00	23.93 -0.66 0.00	22.55 -0.62 0.00	32.15 -0.90 0.00	36.26 -1.00 0.00	29.47 -0.83 0.00	17.50 -0.54 0.00	15.15 -0.44 0.00	8.74 -0.24 0.00	19.09 -0.58 0.00	7.84 -0.23 0.00	5.71 -0.17 0.00	7.95 -0.24 0.00	8.28 -0.27 0.00	23.90 -0.82 0.00	16.15 -0.85 9.29	0.40 -0.97 31.23	38.61 -1.18 0.00	49.23 -1.60 0.00	31.84 -1.07 0.00	28.16 -0.98 0.00	25.51 -0.85 0.00

NINE_MILE_2 23744	30.87 -0.86 0.00	22.86 -0.64 0.00	21.12 -0.59 0.00	23.93 -0.66 0.00	22.55 -0.62 0.00	32.15 -0.90 0.00	36.26 -1.00 0.00	29.47 -0.83 0.00	17.50 -0.54 0.00	15.15 -0.44 0.00	8.74 -0.24 0.00	19.09 -0.58 0.00	7.84 -0.23 0.00	5.71 -0.17 0.00	7.95 -0.24 0.00	8.28 -0.27 0.00	23.90 -0.82 0.00	16.00 -0.85 9.45	-0.13 -0.97 31.75	38.61 -1.17 0.00	49.24 -1.59 0.00	31.84 -1.07 0.00	28.16 -0.97 0.00	25.51 -0.85 0.00
NM_CAPITAL___DRP 24208	32.24 0.51 0.00	23.85 0.36 0.00	22.08 0.37 0.00	25.01 0.41 0.00	23.54 0.37 0.00	33.54 0.49 0.00	37.65 0.38 0.00	30.60 0.30 0.00	18.18 0.13 0.00	15.70 0.11 0.00	9.01 0.03 0.00	19.91 0.24 0.00	8.16 0.09 0.00	5.95 0.07 0.00	8.29 0.10 0.00	8.67 0.11 0.00	25.14 0.42 0.00	26.68 0.38 0.00	33.02 0.43 0.00	40.13 0.34 0.00	51.14 0.31 0.00	33.29 0.38 0.00	29.59 0.46 0.00	26.80 0.45 0.00
NM_CENTRAL___DRP 24181	31.53 -0.20 0.00	23.32 -0.17 0.00	21.55 -0.15 0.00	24.42 -0.17 0.00	23.01 -0.16 0.00	32.84 -0.21 0.00	37.08 -0.18 0.00	30.10 -0.19 0.00	17.87 -0.18 0.00	15.45 -0.15 0.00	8.92 -0.06 0.00	19.48 -0.19 0.00	8.00 -0.07 0.00	5.83 -0.06 0.00	8.11 -0.08 0.00	8.45 -0.11 0.00	24.39 -0.33 0.00	27.92 -0.27 -1.89	38.77 -0.20 -6.38	39.55 -0.23 0.00	50.44 -0.39 0.00	32.60 -0.30 0.00	28.80 -0.34 0.00	26.05 -0.30 0.00
NM_FRONTIER___DRP 24179	30.53 -1.19 0.00	22.52 -0.98 0.00	20.78 -0.93 0.00	23.63 -0.96 0.00	22.19 -0.98 0.00	31.25 -1.79 0.00	35.06 -2.21 0.00	28.89 -1.41 0.00	17.48 -0.57 0.00	15.33 -0.26 0.00	9.04 0.06 0.00	19.11 -0.56 0.00	7.90 -0.17 0.00	5.72 -0.16 0.00	7.94 -0.25 0.00	8.25 -0.31 0.00	23.53 -1.19 0.00	25.06 -1.70 -0.46	27.65 -2.45 2.49	27.63 -2.63 9.52	25.90 -3.40 21.52	25.35 -2.58 4.98	26.68 -2.45 0.00	24.48 -1.87 0.00
NM_ST_REGIS___HYD 24053	31.12 -0.60 0.00	23.12 -0.37 0.00	21.32 -0.38 0.00	24.13 -0.46 0.00	22.78 -0.39 0.00	32.57 -0.47 0.00	36.44 -0.82 0.00	29.38 -0.91 0.00	17.40 -0.64 0.00	14.97 -0.63 0.00	8.63 -0.36 0.00	18.84 -0.83 0.00	7.69 -0.38 0.00	5.60 -0.28 0.00	7.78 -0.41 0.00	8.13 -0.43 0.00	23.50 -1.22 0.00	25.43 -1.41 -0.55	32.96 -1.47 -1.84	38.56 -1.22 0.00	49.49 -1.35 0.00	31.90 -1.01 0.00	28.41 -0.72 0.00	25.69 -0.67 0.00
NORTHPORT___1 23551	35.22 1.01 -2.48	24.17 0.67 0.00	22.21 0.50 0.00	25.10 0.51 0.00	23.68 0.51 0.00	33.96 0.91 0.00	38.35 1.08 0.00	33.13 0.84 -2.00	21.26 0.51 -2.70	16.18 0.38 -0.20	9.17 0.19 0.00	20.16 0.49 0.00	8.25 0.18 0.00	6.04 0.15 0.00	8.48 0.29 0.00	8.92 0.36 0.00	28.62 1.38 -2.52	27.82 1.49 -0.04	90.93 1.78 -56.55	114.00 1.86 -72.35	113.89 2.66 -60.40	74.53 1.85 -39.78	50.00 1.73 -19.14	31.50 1.51 -3.64
NORTHPORT___2 23552	35.12 0.92 -2.48	24.11 0.61 0.00	22.16 0.45 0.00	25.03 0.44 0.00	23.62 0.45 0.00	33.87 0.83 0.00	38.22 0.95 0.00	26.06 0.70 4.94	11.82 0.44 6.67	15.41 0.32 0.49	9.13 0.15 0.00	20.09 0.42 0.00	8.22 0.15 0.00	6.01 0.13 0.00	8.45 0.26 0.00	8.89 0.33 0.00	28.55 1.31 -2.52	27.73 1.40 -0.04	11.21 1.64 23.03	17.50 1.69 23.98	17.50 2.46 35.79	21.05 1.71 13.57	49.91 1.62 -19.16	31.43 1.43 -3.64
NORTHPORT___3 23553	35.11 0.90 -2.49	24.09 0.60 0.00	22.14 0.44 0.00	25.03 0.43 0.00	23.61 0.44 0.00	33.85 0.80 0.00	38.19 0.93 0.00	28.07 0.69 2.92	14.55 0.45 3.94	15.62 0.32 0.29	9.14 0.16 0.00	20.10 0.43 0.00	8.23 0.16 0.00	6.02 0.14 0.00	8.46 0.27 0.00	8.89 0.34 0.00	28.56 1.31 -2.53	27.72 1.39 -0.04	34.45 1.60 -0.25	45.62 1.62 -4.22	45.52 2.37 7.68	36.69 1.66 -2.12	49.95 1.59 -19.22	31.43 1.42 -3.66
NORTHPORT___4 23650	35.11 0.90 -2.49	24.09 0.60 0.00	22.14 0.44 0.00	25.03 0.43 0.00	23.61 0.44 0.00	33.85 0.80 0.00	38.19 0.93 0.00	28.07 0.69 2.92	14.55 0.45 3.94	15.62 0.32 0.29	9.14 0.16 0.00	20.10 0.43 0.00	8.23 0.16 0.00	6.02 0.14 0.00	8.46 0.27 0.00	8.89 0.34 0.00	28.56 1.31 -2.53	27.72 1.39 -0.04	34.45 1.60 -0.25	45.62 1.62 -4.22	45.52 2.37 7.68	36.69 1.66 -2.12	49.95 1.59 -19.22	31.43 1.42 -3.66
NORTHPORT___IC 23718	35.13 0.92 -2.48	24.11 0.61 0.00	22.16 0.45 0.00	25.04 0.44 0.00	23.62 0.45 0.00	33.88 0.84 0.00	38.22 0.95 0.00	26.05 0.70 4.94	11.81 0.44 6.67	15.41 0.31 0.49	9.13 0.15 0.00	20.09 0.42 0.00	8.22 0.15 0.00	6.01 0.13 0.00	8.45 0.26 0.00	8.89 0.33 0.00	28.55 1.31 -2.52	27.72 1.38 -0.04	11.20 1.64 23.03	17.50 1.69 23.98	17.50 2.45 35.79	21.04 1.71 13.57	49.91 1.62 -19.16	31.43 1.43 -3.64
NORTH___COUNTRY_ESR 323785	31.69 -0.04 0.00	23.49 -0.01 0.00	21.72 0.01 0.00	24.61 0.01 0.00	23.16 0.00 0.00	33.09 0.04 0.00	37.37 0.10 0.00	30.46 0.16 0.00	18.16 0.12 0.00	15.66 0.07 0.00	9.03 0.05 0.00	19.73 0.07 0.00	8.07 0.00 0.00	5.88 0.00 0.00	8.17 -0.02 0.00	8.54 -0.01 0.00	24.71 -0.01 0.00	26.25 -0.05 0.00	32.50 -0.10 0.00	39.85 0.07 0.00	51.04 0.21 0.00	32.97 0.06 0.00	29.17 0.04 0.00	26.34 -0.01 0.00
NPX_GEN_1385_PROXY 323591	35.12 0.92 -2.48	24.11 0.61 0.00	22.16 0.45 0.00	25.03 0.44 0.00	23.62 0.45 0.00	33.87 0.83 0.00	38.22 0.95 0.00	26.06 0.70 4.94	11.82 0.44 6.67	15.41 0.32 0.49	9.13 0.15 0.00	20.09 0.42 0.00	8.22 0.15 0.00	6.01 0.13 0.00	8.45 0.26 0.00	8.89 0.33 0.00	28.55 1.31 -2.52	27.73 1.40 -0.04	11.21 1.64 23.03	10.16 1.69 31.32	31.49 2.46 21.80	21.05 1.71 13.57	49.91 1.62 -19.16	31.43 1.43 -3.64
NPX_GEN_CSC 323557	35.64 1.41 -2.51	24.38 0.88 0.00	22.31 0.61 0.00	25.21 0.62 0.00	23.81 0.64 0.00	34.28 1.23 0.00	38.83 1.57 0.00	32.92 1.32 -1.31	20.60 0.79 -1.76	16.31 0.59 -0.13	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.76 -0.04	83.97 2.40 -48.97	98.42 2.77 -55.87	119.82 3.86 -65.13	69.83 2.55 -34.38	50.80 2.29 -19.38	32.00 1.96 -3.69
NSINS_S___GLNS_FALLS 23858	33.27 1.54 0.00	24.66 1.17 0.00	22.86 1.15 0.00	25.93 1.34 0.00	24.45 1.29 0.00	34.98 1.93 0.00	39.38 2.12 0.00	31.88 1.59 0.00	18.73 0.69 0.00	16.06 0.47 0.00	9.15 0.17 0.00	20.23 0.56 0.00	8.27 0.20 0.00	6.00 0.11 0.00	8.34 0.14 0.00	8.70 0.15 0.00	25.40 0.67 0.00	26.99 0.70 0.00	33.76 1.16 0.00	41.61 1.83 0.00	53.12 2.29 0.00	34.53 1.62 0.00	30.63 1.50 0.00	27.59 1.24 0.00
NUCOR_STEEL___DRP 24197	31.96 0.24 0.00	23.64 0.14 0.00	21.76 0.05 0.00	24.73 0.14 0.00	23.33 0.16 0.00	33.17 0.12 0.00	37.61 0.35 0.00	30.37 0.08 0.00	18.02 -0.03 0.00	15.56 -0.03 0.00	8.95 -0.03 0.00	19.49 -0.18 0.00	8.01 -0.05 0.00	5.86 -0.02 0.00	8.16 -0.03 0.00	8.50 -0.05 0.00	24.53 -0.19 0.00	28.14 -0.05 -1.89	39.15 0.15 -6.40	40.10 0.31 0.00	51.16 0.33 0.00	32.89 -0.02 0.00	29.01 -0.13 0.00	26.34 -0.01 0.00

NUMBER_THREE_WT_PWR 323818	31.88 0.15 0.00	23.59 0.10 0.00	21.70 -0.01 0.00	24.55 -0.04 0.00	23.21 0.04 0.00	33.23 0.18 0.00	37.58 0.32 0.00	30.11 -0.19 0.00	17.64 -0.41 0.00	15.14 -0.45 0.00	8.69 -0.29 0.00	18.98 -0.69 0.00	7.75 -0.32 0.00	5.63 -0.25 0.00	7.83 -0.36 0.00	8.15 -0.40 0.00	23.54 -1.17 0.00	26.42 -0.95 -1.07	35.88 -0.32 -3.61	40.24 0.46 0.00	51.47 0.63 0.00	33.09 0.18 0.00	29.36 0.23 0.00	26.40 0.05 0.00
NYISO_LBMP_REFERENCE 24008	31.72 0.00 0.00	23.49 0.00 0.00	21.71 0.00 0.00	24.59 0.00 0.00	23.17 0.00 0.00	33.05 0.00 0.00	37.26 0.00 0.00	30.30 0.00 0.00	18.04 0.00 0.00	15.59 0.00 0.00	8.98 0.00 0.00	19.67 0.00 0.00	8.07 0.00 0.00	5.88 0.00 0.00	8.19 0.00 0.00	8.55 0.00 0.00	24.72 0.00 0.00	26.29 0.00 0.00	32.60 0.00 0.00	39.78 0.00 0.00	50.83 0.00 0.00	32.91 0.00 0.00	29.13 0.00 0.00	26.35 0.00 0.00
NYPA_BRENTWD____GT 24164	35.61 1.32 -2.56	24.38 0.88 0.00	22.39 0.69 0.00	25.31 0.72 0.00	23.89 0.72 0.00	34.28 1.23 0.00	38.75 1.48 0.00	32.58 1.18 -1.10	20.24 0.72 -1.48	16.24 0.54 -0.11	9.25 0.27 0.00	20.33 0.66 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.44 0.00	28.94 1.61 -2.60	28.12 1.78 -0.04	82.13 2.23 -47.31	103.41 2.34 -61.29	102.92 3.13 -48.96	68.78 2.22 -33.65	51.01 2.10 -19.77	31.93 1.81 -3.76
NYPA_GOWANUS____GT5 24156	32.44 0.72 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.45 0.00	23.60 0.43 0.00	33.61 0.56 0.00	37.95 0.68 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.75 1.45 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.80 1.67 0.00	27.76 1.41 0.00
NYPA_GOWANUS____GT6 24157	32.44 0.72 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.45 0.00	23.60 0.43 0.00	33.61 0.56 0.00	37.95 0.68 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.75 1.45 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.80 1.67 0.00	27.76 1.41 0.00
NYPA_HARLEM__RVR__GT1 24160	32.69 0.93 -0.04	24.17 0.69 0.01	-264.86 0.61 287.18	25.20 0.62 0.01	23.76 0.60 0.01	33.99 0.87 -0.06	38.32 1.02 -0.03	31.33 0.96 -0.07	18.75 0.71 0.01	16.15 0.57 0.00	9.25 0.27 0.00	20.36 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.64 1.35 0.00	34.19 1.59 0.00	41.14 1.36 0.00	53.11 2.28 0.00	34.75 1.84 0.00	30.72 1.59 0.00	27.67 1.32 0.00
NYPA_HARLEM__RVR__GT2 24161	32.69 0.93 -0.04	24.17 0.69 0.01	-264.86 0.61 287.18	25.20 0.62 0.01	23.76 0.60 0.01	33.99 0.87 -0.06	38.32 1.02 -0.03	31.33 0.96 -0.07	18.75 0.71 0.01	16.15 0.57 0.00	9.25 0.27 0.00	20.36 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.64 1.35 0.00	34.19 1.59 0.00	41.14 1.36 0.00	53.11 2.28 0.00	34.75 1.84 0.00	30.72 1.59 0.00	27.67 1.32 0.00
NYPA_KENT____GT 24152	32.39 0.66 0.00	24.03 0.53 0.00	22.15 0.44 0.00	25.02 0.43 0.00	23.57 0.40 0.00	33.58 0.53 0.00	37.90 0.64 0.00	30.99 0.69 0.00	18.62 0.57 0.00	16.12 0.53 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.03 0.47 0.00	26.09 1.37 0.00	27.72 1.43 0.00	34.31 1.71 0.00	41.41 1.63 0.00	53.35 2.52 0.00	34.77 1.86 0.00	30.77 1.64 0.00	27.74 1.38 0.00
NYPA_POUCH1____GT 24155	32.52 0.79 0.00	24.11 0.61 0.00	22.21 0.50 0.00	25.09 0.49 0.00	23.62 0.46 0.00	33.65 0.60 0.00	37.95 0.68 0.00	31.00 0.71 0.00	18.59 0.55 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.37 0.71 0.00	8.36 0.30 0.00	6.13 0.25 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.08 1.36 0.00	27.75 1.45 0.00	34.35 1.76 0.00	41.47 1.69 0.00	53.44 2.60 0.00	34.83 1.93 0.00	30.82 1.69 0.00	27.77 1.42 0.00
NYPA_VERNON____GT2 24162	32.33 0.60 0.00	23.99 0.50 0.00	22.12 0.41 0.00	24.99 0.40 0.00	23.55 0.38 0.00	33.53 0.49 0.00	37.85 0.59 0.00	30.96 0.66 0.00	18.61 0.57 0.00	16.12 0.53 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.25 0.00	8.60 0.41 0.00	9.02 0.46 0.00	26.08 1.36 0.00	27.69 1.40 0.00	34.26 1.66 0.00	41.34 1.56 0.00	53.27 2.44 0.00	34.71 1.80 0.00	30.74 1.61 0.00	27.71 1.36 0.00
NYPA_VERNON____GT3 24163	32.33 0.60 0.00	23.99 0.50 0.00	22.12 0.41 0.00	24.99 0.40 0.00	23.55 0.38 0.00	33.53 0.49 0.00	37.85 0.59 0.00	30.96 0.66 0.00	18.61 0.57 0.00	16.12 0.53 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.25 0.00	8.60 0.41 0.00	9.02 0.46 0.00	26.08 1.36 0.00	27.69 1.40 0.00	34.26 1.66 0.00	41.34 1.56 0.00	53.27 2.44 0.00	34.71 1.80 0.00	30.74 1.61 0.00	27.71 1.36 0.00
NYPA__ASTORIA_CC1 323568	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.44 0.00	37.78 0.52 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.66 1.37 0.00	34.20 1.61 0.00	41.26 1.48 0.00	53.19 2.36 0.00	34.66 1.76 0.00	30.71 1.57 0.00	27.69 1.33 0.00
NYPA__ASTORIA_CC2 323569	32.29 0.57 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.49 0.44 0.00	37.78 0.52 0.00	30.92 0.62 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.05 1.33 0.00	27.66 1.37 0.00	34.20 1.61 0.00	41.26 1.48 0.00	53.19 2.36 0.00	34.66 1.76 0.00	30.71 1.57 0.00	27.69 1.33 0.00
NYPA__HOLTSVILL 23794	35.43 1.20 -2.51	24.28 0.79 0.00	22.28 0.58 0.00	25.18 0.59 0.00	23.77 0.60 0.00	34.14 1.09 0.00	38.61 1.35 0.00	32.75 1.13 -1.33	20.53 0.70 -1.79	16.24 0.52 -0.13	9.23 0.25 0.00	20.30 0.63 0.00	8.29 0.23 0.00	6.07 0.18 0.00	8.53 0.34 0.00	8.97 0.41 0.00	28.80 1.54 -2.55	28.03 1.70 -0.04	83.93 2.16 -49.17	105.65 2.40 -63.46	105.59 3.36 -51.39	69.72 2.25 -34.57	50.52 2.04 -19.35	31.79 1.76 -3.68
NYPA__HELLGATE_GT1 24158	32.69 0.93 -0.04	24.17 0.69 0.01	-264.86 0.61 287.18	25.20 0.62 0.01	23.76 0.60 0.01	33.99 0.87 -0.06	38.32 1.02 -0.03	31.33 0.96 -0.07	18.75 0.71 0.01	16.15 0.57 0.00	9.25 0.27 0.00	20.36 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.03 1.31 0.00	27.64 1.35 0.00	34.19 1.59 0.00	41.14 1.36 0.00	53.11 2.28 0.00	34.75 1.84 0.00	30.72 1.59 0.00	27.67 1.32 0.00

NYPA_____HELLGATE_GT2 24159	32.69	24.17	-264.86	25.20	23.76	33.99	38.32	31.33	18.75	16.15	9.25	20.36	8.36	6.12	8.58	9.00	26.03	27.64	34.19	41.14	53.11	34.75	30.72	27.67
	0.93	0.69	0.61	0.62	0.60	0.87	1.02	0.96	0.71	0.57	0.27	0.70	0.29	0.24	0.39	0.45	1.31	1.35	1.59	1.36	2.28	1.84	1.59	1.32
	-0.04	0.01	287.18	0.01	0.01	-0.06	-0.03	-0.07	0.01	0.00	0.00	0.00	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	30.99	22.83	21.07	23.96	22.50	31.75	35.53	29.21	17.62	15.45	9.15	19.33	7.98	5.79	8.03	8.34	23.77	25.54	32.94	37.59	48.09	30.68	26.98	24.77
	-0.74	-0.66	-0.64	-0.64	-0.66	-1.30	-1.73	-1.08	-0.43	-0.14	0.17	-0.34	-0.09	-0.10	-0.16	-0.21	-0.95	-1.49	-2.14	-2.19	-2.75	-2.23	-2.15	-1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-2.48	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD___HYD 24046	31.42	23.18	21.40	24.30	22.87	32.60	36.78	30.02	17.92	15.58	9.07	19.52	8.03	5.83	8.11	8.44	24.35	26.53	34.45	39.19	50.08	32.16	28.29	25.69
	-0.30	-0.31	-0.31	-0.29	-0.30	-0.45	-0.49	-0.27	-0.12	-0.01	0.09	-0.14	-0.04	-0.05	-0.09	-0.12	-0.37	-0.50	-0.63	-0.59	-0.75	-0.75	-0.84	-0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-2.49	0.00	0.00	0.00	0.00	0.00
OAKDALE___35_KV_LOAD 356122	31.94	23.61	21.83	24.75	23.31	33.26	37.57	30.51	18.12	15.67	9.05	19.72	8.12	5.92	8.24	8.59	24.78	27.39	36.19	40.18	51.20	33.12	29.23	26.42
	0.21	0.12	0.12	0.16	0.15	0.21	0.31	0.21	0.08	0.08	0.06	0.06	0.06	0.03	0.05	0.04	0.06	0.16	0.36	0.39	0.36	0.21	0.10	0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-3.24	0.00	0.00	0.00	0.00	0.00
OCC_CHEM___DRP 24175	30.60	22.56	20.82	23.68	22.23	31.33	35.13	28.95	17.51	15.36	9.06	19.15	7.91	5.73	7.95	8.27	23.59	25.12	27.73	27.73	26.06	25.42	26.75	24.54
	-1.13	-0.93	-0.88	-0.92	-0.94	-1.72	-2.13	-1.35	-0.53	-0.23	0.08	-0.52	-0.16	-0.15	-0.23	-0.29	-1.13	-1.64	-2.37	-2.54	-3.28	-2.50	-2.38	-1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	2.49	9.52	21.49	4.98	0.00	0.00
OH_GEN_PROXY 24063	30.69	22.60	20.86	23.71	22.26	31.42	35.28	29.05	17.56	15.40	9.07	19.20	7.93	5.75	7.98	8.29	23.69	25.43	32.81	30.10	61.86	30.59	26.91	24.63
	-1.04	-0.90	-0.84	-0.88	-0.91	-1.63	-1.98	-1.25	-0.48	-0.19	0.09	-0.47	-0.14	-0.13	-0.21	-0.27	-1.03	-1.57	-2.19	-2.33	-2.96	-2.32	-2.23	-1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.71	-2.41	7.34	-13.99	0.00	0.00	0.00
OLIN_CORP_DRP 24177	30.51	22.51	20.78	23.62	22.18	31.23	34.91	28.75	17.40	15.29	9.07	19.16	7.91	5.74	7.96	8.26	23.48	25.18	32.36	36.87	47.07	30.08	26.48	24.37
	-1.22	-0.98	-0.93	-0.97	-0.98	-1.81	-2.35	-1.55	-0.65	-0.31	0.09	-0.51	-0.15	-0.15	-0.23	-0.29	-1.24	-1.85	-2.71	-2.92	-3.76	-2.83	-2.65	-1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-2.48	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	30.60	22.56	20.82	23.68	22.23	31.33	35.13	28.95	17.51	15.36	9.06	19.15	7.91	5.73	7.95	8.27	23.59	25.12	27.73	27.73	26.06	25.42	26.75	24.54
	-1.13	-0.93	-0.88	-0.92	-0.94	-1.72	-2.13	-1.35	-0.53	-0.23	0.08	-0.52	-0.16	-0.15	-0.23	-0.29	-1.13	-1.64	-2.37	-2.54	-3.28	-2.50	-2.38	-1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	2.49	9.52	21.49	4.98	0.00	0.00
ONEIDA_HERK_LFGE 323681	32.33	23.92	22.05	24.97	23.57	33.74	38.13	30.66	17.98	15.47	8.90	19.46	7.96	5.78	8.03	8.37	24.22	26.91	35.93	40.88	52.23	33.66	29.78	26.80
	0.61	0.42	0.34	0.38	0.40	0.70	0.87	0.36	-0.06	-0.12	-0.08	-0.21	-0.11	-0.10	-0.16	-0.18	-0.50	-0.24	0.44	1.10	1.40	0.75	0.65	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	0.00	-0.86	-2.89	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	32.48	24.02	22.18	25.14	23.70	33.88	38.28	30.85	18.16	15.65	9.04	19.77	8.11	5.89	8.18	8.53	24.66	27.48	36.81	40.96	52.32	33.79	29.84	26.91
	0.75	0.52	0.48	0.55	0.53	0.83	1.01	0.56	0.11	0.06	0.05	0.10	0.04	0.00	-0.01	-0.03	-0.06	0.14	0.68	1.18	1.49	0.89	0.71	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.05	-3.53	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	31.71	23.45	21.68	24.56	23.15	33.03	37.32	30.28	17.95	15.51	8.95	19.55	8.03	5.85	8.14	8.48	24.49	27.99	38.81	39.80	50.78	32.82	28.97	26.20
	-0.01	-0.04	-0.03	-0.03	-0.02	-0.01	0.05	-0.02	-0.09	-0.08	-0.03	-0.12	-0.04	-0.04	-0.05	-0.08	-0.23	-0.14	-0.02	0.01	-0.05	-0.08	-0.16	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.85	-6.23	0.00	0.00	0.00	0.00	0.00
ONONDAGA___COGEN 23986	31.65	23.41	21.63	24.53	23.12	32.95	37.24	30.21	17.92	15.49	8.93	19.50	8.01	5.84	8.13	8.47	24.46	28.31	39.88	39.72	50.67	32.72	28.88	26.14
	-0.07	-0.08	-0.08	-0.07	-0.06	-0.09	-0.02	-0.09	-0.12	-0.10	-0.05	-0.17	-0.06	-0.05	-0.06	-0.08	-0.26	-0.16	-0.06	-0.06	-0.16	-0.19	-0.25	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.18	-7.35	0.00	0.00	0.00	0.00	0.00
ONTARIO___LFGE 23819	31.88	23.51	21.76	24.72	23.28	33.20	37.61	30.45	18.00	15.57	9.03	19.48	8.05	5.84	8.14	8.45	24.39	27.23	36.52	40.04	51.10	32.87	28.91	26.14
	0.16	0.01	0.05	0.12	0.11	0.15	0.35	0.15	-0.05	-0.02	0.05	-0.19	-0.02	-0.04	-0.05	-0.11	-0.33	-0.22	0.02	0.26	0.26	-0.03	-0.22	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.15	-3.90	0.00	0.00	0.00	0.00	0.00
ORANGEVILLE_WT_PWR 323706	31.29	23.02	21.29	24.24	22.76	32.23	36.31	29.56	17.65	15.44	9.08	19.25	7.99	5.78	8.03	8.33	23.91	26.09	34.02	38.62	49.31	31.53	27.63	24.92
	-0.43	-0.48	-0.41	-0.35	-0.41	-0.82	-0.96	-0.74	-0.40	-0.15	0.10	-0.41	-0.08	-0.11	-0.16	-0.23	-0.81	-0.99	-1.27	-1.16	-1.52	-1.38	-1.51	-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	-0.79	-2.70	0.00	0.00	0.00	0.00	0.00
ORANGEVILLE___ESR 323794	31.29	23.02	21.29	24.24	22.76	32.23	36.31	29.56	17.65	15.44	9.08	19.25	7.99	5.78	8.03	8.33	23.91	26.09	34.02	38.62	49.31	31.53	27.63	24.92
	-0.43	-0.48	-0.41	-0.35	-0.41	-0.82	-0.96	-0.74	-0.40	-0.15	0.10	-0.41	-0.08	-0.11	-0.16	-0.23	-0.81	-0.99	-1.27	-1.16	-1.52	-1.38	-1.51	-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	-0.79	-2.70	0.00	0.00	0.00	0.00	0.00

OSWEGATCHIE___HYD 24044	31.21 -0.52 0.00	23.13 -0.36 0.00	21.30 -0.40 0.00	24.11 -0.48 0.00	22.76 -0.40 0.00	32.58 -0.47 0.00	36.65 -0.62 0.00	29.40 -0.90 0.00	17.32 -0.73 0.00	14.87 -0.72 0.00	8.55 -0.42 0.00	18.68 -0.98 0.00	7.63 -0.44 0.00	5.55 -0.33 0.00	7.71 -0.48 0.00	8.05 -0.51 0.00	23.25 -1.47 0.00	25.71 -1.46 -0.88	34.28 -1.27 -2.95	38.96 -0.82 0.00	49.91 -0.92 0.00	32.14 -0.77 0.00	28.59 -0.54 0.00	25.78 -0.57 0.00
OSWEGO___5 23606	31.07 -0.65 0.00	23.01 -0.49 0.00	21.25 -0.45 0.00	24.09 -0.50 0.00	22.70 -0.47 0.00	32.36 -0.68 0.00	36.52 -0.74 0.00	29.67 -0.62 0.00	17.67 -0.38 0.00	15.29 -0.30 0.00	8.82 -0.16 0.00	19.26 -0.41 0.00	7.90 -0.16 0.00	5.77 -0.12 0.00	8.02 -0.17 0.00	8.36 -0.19 0.00	24.13 -0.59 0.00	30.65 -0.59 -4.95	48.54 -0.69 -16.65	38.90 -0.88 0.00	49.62 -1.21 0.00	32.08 -0.82 0.00	28.37 -0.77 0.00	25.69 -0.66 0.00
OSWEGO___6 23613	31.07 -0.65 0.00	23.01 -0.49 0.00	21.25 -0.45 0.00	24.09 -0.50 0.00	22.70 -0.47 0.00	32.36 -0.68 0.00	36.52 -0.74 0.00	29.67 -0.62 0.00	17.67 -0.38 0.00	15.29 -0.30 0.00	8.82 -0.16 0.00	19.26 -0.41 0.00	7.90 -0.16 0.00	5.77 -0.12 0.00	8.02 -0.17 0.00	8.36 -0.19 0.00	24.13 -0.59 0.00	30.65 -0.59 -4.95	48.54 -0.69 -16.65	38.90 -0.88 0.00	49.62 -1.21 0.00	32.08 -0.82 0.00	28.37 -0.77 0.00	25.69 -0.66 0.00
OUTOKUMPU-AB___DRP 24206	31.56 -0.16 0.00	23.23 -0.26 0.00	21.45 -0.25 0.00	24.40 -0.19 0.00	22.90 -0.27 0.00	32.34 -0.71 0.00	36.30 -0.96 0.00	29.83 -0.46 0.00	17.97 -0.07 0.00	15.76 0.17 0.00	9.31 0.33 0.00	19.67 0.01 0.00	8.13 0.07 0.00	5.89 0.01 0.00	8.18 0.00 0.00	8.50 -0.05 0.00	24.31 -0.41 0.00	26.20 -0.83 -0.74	33.77 -1.33 -2.51	38.58 -1.21 0.00	49.26 -1.57 0.00	31.41 -1.49 0.00	27.57 -1.56 0.00	25.24 -1.11 0.00
OXBOW___BTM 323836	30.91 -0.82 0.00	22.76 -0.73 0.00	21.01 -0.69 0.00	23.88 -0.71 0.00	22.43 -0.74 0.00	31.64 -1.41 0.00	35.50 -1.76 0.00	29.23 -1.07 0.00	17.67 -0.37 0.00	15.50 -0.09 0.00	9.14 0.16 0.00	19.32 -0.35 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.17 0.00	8.34 -0.22 0.00	23.79 -0.92 0.00	25.29 -1.46 -0.46	28.01 -2.09 2.49	28.07 -2.19 9.52	26.56 -2.78 21.49	25.71 -2.22 4.98	27.00 -2.13 0.00	24.75 -1.60 0.00
OXBOW___ 24026	30.88 -0.85 0.00	22.76 -0.73 0.00	21.01 -0.69 0.00	23.88 -0.71 0.00	22.43 -0.74 0.00	31.62 -1.43 0.00	35.48 -1.78 0.00	29.22 -1.07 0.00	17.67 -0.37 0.00	15.50 -0.09 0.00	9.14 0.16 0.00	19.32 -0.35 0.00	7.98 -0.09 0.00	5.79 -0.10 0.00	8.03 -0.17 0.00	8.34 -0.22 0.00	23.80 -0.91 0.00	25.35 -1.41 -0.46	28.02 -2.08 2.49	28.07 -2.19 9.52	26.50 -2.84 21.49	25.70 -2.23 4.98	26.99 -2.14 0.00	24.75 -1.60 0.00
OXY_CHEM_DSASP 323612	30.60 -1.13 0.00	22.56 -0.93 0.00	20.82 -0.88 0.00	23.68 -0.92 0.00	22.23 -0.94 0.00	31.33 -1.72 0.00	35.13 -2.13 0.00	28.95 -1.35 0.00	17.51 -0.53 0.00	15.36 -0.23 0.00	9.06 0.08 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.27 -0.29 0.00	23.59 -1.13 0.00	25.12 -1.64 -0.46	27.73 -2.37 2.49	27.73 -2.54 9.52	26.06 -3.28 21.49	25.42 -2.50 4.98	26.75 -2.38 0.00	24.54 -1.81 0.00
OZONE_PARK_ESR 323760	32.62 0.90 0.00	24.15 0.66 0.00	22.26 0.55 0.00	25.16 0.57 0.00	23.71 0.54 0.00	33.86 0.81 0.00	38.27 1.00 0.00	31.26 0.96 0.00	18.76 0.71 0.00	16.24 0.65 0.00	9.35 0.37 0.00	20.57 0.90 0.00	8.44 0.37 0.00	6.18 0.29 0.00	8.65 0.46 0.00	9.08 0.53 0.00	26.28 1.56 0.00	27.94 1.64 0.00	34.57 1.97 0.00	41.75 1.97 0.00	53.84 3.01 0.00	35.01 2.11 0.00	30.99 1.85 0.00	27.91 1.56 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.60 -1.13 0.00	22.56 -0.93 0.00	20.82 -0.88 0.00	23.68 -0.92 0.00	22.23 -0.94 0.00	31.33 -1.72 0.00	35.13 -2.13 0.00	28.95 -1.35 0.00	17.51 -0.53 0.00	15.36 -0.23 0.00	9.06 0.08 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.73 -0.15 0.00	7.95 -0.23 0.00	8.27 -0.29 0.00	23.59 -1.13 0.00	25.12 -1.64 -0.46	27.73 -2.37 2.49	27.73 -2.54 9.52	26.06 -3.28 21.49	25.42 -2.50 4.98	26.75 -2.38 0.00	24.54 -1.81 0.00
PACKARD___115KV_DUPONT_184 80571	30.63 -1.10 0.00	22.57 -0.93 0.00	20.82 -0.88 0.00	23.67 -0.92 0.00	22.23 -0.94 0.00	31.35 -1.70 0.00	35.16 -2.10 0.00	28.95 -1.35 0.00	17.51 -0.53 0.00	15.37 -0.23 0.00	9.06 0.08 0.00	19.15 -0.52 0.00	7.91 -0.16 0.00	5.74 -0.15 0.00	7.96 -0.23 0.00	8.27 -0.29 0.00	23.58 -1.13 0.00	25.06 -1.69 -0.46	27.73 -2.38 2.49	27.72 -2.54 9.52	26.12 -3.22 21.49	25.43 -2.49 4.98	26.75 -2.38 0.00	24.54 -1.81 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.73 0.96 -0.04	24.18 0.70 0.02	-264.85 0.62 287.18	25.24 0.66 0.01	23.80 0.64 0.02	33.99 0.88 -0.06	38.39 1.09 -0.03	31.34 0.98 -0.06	18.73 0.70 0.01	16.14 0.55 0.01	9.24 0.26 0.00	20.34 0.68 0.00	8.35 0.28 0.00	6.12 0.24 0.00	8.57 0.38 0.00	8.99 0.44 0.00	26.01 1.29 0.00	27.61 1.32 0.00	34.17 1.58 0.00	41.17 1.38 0.00	53.16 2.32 0.00	34.70 1.79 0.00	30.70 1.57 0.00	27.65 1.29 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.53 1.76 -0.04	24.76 1.28 0.02	-264.31 1.16 287.18	25.85 1.27 0.01	24.38 1.23 0.02	34.81 1.71 -0.06	39.35 2.05 -0.03	32.10 1.74 -0.06	19.16 1.12 0.01	16.47 0.88 0.01	9.41 0.43 0.00	20.76 1.09 0.00	8.51 0.45 0.00	6.24 0.35 0.00	8.73 0.54 0.00	9.16 0.61 0.00	26.53 1.81 0.00	28.43 2.13 0.00	35.08 2.49 0.00	42.19 2.41 0.00	54.29 3.46 0.00	35.45 2.54 0.00	31.54 2.41 0.00	28.47 2.11 0.00
PATROON___115KV_TB1 80586	32.28 0.56 0.00	23.89 0.39 0.00	22.10 0.39 0.00	25.04 0.45 0.00	23.57 0.40 0.00	33.59 0.55 0.00	37.73 0.47 0.00	30.66 0.36 0.00	18.18 0.14 0.00	15.70 0.11 0.00	9.02 0.04 0.00	19.91 0.24 0.00	8.16 0.09 0.00	5.96 0.07 0.00	8.28 0.09 0.00	8.66 0.11 0.00	25.14 0.42 0.00	26.70 0.41 0.00	33.10 0.51 0.00	40.23 0.45 0.00	51.27 0.44 0.00	33.36 0.46 0.00	29.62 0.49 0.00	26.84 0.49 0.00
PATTRSNVILLE___SOLAR 323815	32.52 0.80 0.00	24.08 0.59 0.00	22.25 0.55 0.00	25.21 0.62 0.00	23.77 0.60 0.00	33.95 0.91 0.00	38.19 0.92 0.00	30.76 0.46 0.00	18.16 0.11 0.00	15.60 0.01 0.00	8.98 0.00 0.00	19.79 0.12 0.00	8.09 0.02 0.00	5.90 0.02 0.00	8.20 0.01 0.00	8.58 0.02 0.00	24.82 0.10 0.00	26.51 0.22 0.00	33.14 0.54 0.00	40.75 0.97 0.00	52.18 1.35 0.00	33.83 0.93 0.00	29.96 0.83 0.00	27.05 0.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.12 -0.60 0.00	22.91 -0.58 0.00	21.17 -0.53 0.00	24.09 -0.50 0.00	22.61 -0.56 0.00	31.94 -1.11 0.00	36.01 -1.25 0.00	29.57 -0.73 0.00	17.81 -0.23 0.00	15.62 0.03 0.00	9.19 0.21 0.00	19.44 -0.22 0.00	8.05 -0.02 0.00	5.83 -0.06 0.00	8.10 -0.09 0.00	8.41 -0.15 0.00	24.09 -0.63 0.00	26.03 -1.01 -0.75	33.65 -1.49 -2.55	38.27 -1.51 0.00	48.87 -1.96 0.00	31.21 -1.70 0.00	27.40 -1.73 0.00	24.98 -1.37 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.65 0.93 0.00	24.16 0.66 0.00	22.30 0.59 0.00	25.23 0.64 0.00	23.78 0.61 0.00	33.98 0.94 0.00	38.40 1.14 0.00	31.30 1.01 0.00	18.81 0.76 0.00	16.24 0.65 0.00	9.32 0.34 0.00	20.48 0.82 0.00	8.42 0.35 0.00	6.15 0.27 0.00	8.60 0.41 0.00	9.00 0.45 0.00	26.09 1.37 0.00	27.79 1.50 0.00	34.45 1.86 0.00	41.72 1.94 0.00	53.58 2.75 0.00	34.78 1.87 0.00	30.73 1.60 0.00	27.68 1.33 0.00
PEEKSKILL____ 23653	32.41 0.68 0.00	24.00 0.50 0.00	22.14 0.43 0.00	25.04 0.45 0.00	23.60 0.43 0.00	33.70 0.66 0.00	38.05 0.78 0.00	31.02 0.72 0.00	18.56 0.52 0.00	16.06 0.47 0.00	9.23 0.25 0.00	20.31 0.64 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.94 1.23 0.00	27.60 1.31 0.00	34.18 1.59 0.00	41.34 1.56 0.00	53.13 2.30 0.00	34.52 1.61 0.00	30.52 1.39 0.00	27.51 1.16 0.00
PGE MADISON__WINDPWR 24146	34.11 2.38 0.00	25.23 1.73 0.00	23.37 1.66 0.00	26.55 1.96 0.00	25.12 1.95 0.00	36.13 3.09 0.00	40.98 3.72 0.00	32.80 2.50 0.00	18.90 0.86 0.00	16.07 0.48 0.00	9.27 0.29 0.00	20.13 0.46 0.00	8.28 0.22 0.00	5.98 0.10 0.00	8.30 0.11 0.00	8.62 0.06 0.00	24.96 0.24 0.00	28.12 0.85 -0.98	38.46 2.28 -3.59	43.34 3.55 0.00	55.29 4.46 0.00	35.56 2.65 0.00	31.16 2.03 0.00	27.90 1.54 0.00
PIERCEFIELD__HYD 23852	31.12 -0.60 0.00	23.12 -0.37 0.00	21.32 -0.38 0.00	24.13 -0.46 0.00	22.78 -0.39 0.00	32.57 -0.47 0.00	36.44 -0.82 0.00	29.38 -0.91 0.00	17.40 -0.64 0.00	14.97 -0.63 0.00	8.63 -0.36 0.00	18.84 -0.83 0.00	7.69 -0.38 0.00	5.60 -0.28 0.00	7.78 -0.41 0.00	8.13 -0.43 0.00	23.50 -1.22 0.00	25.43 -1.41 0.00	32.96 -1.47 0.00	38.56 -1.22 0.00	49.49 -1.35 0.00	31.90 -1.01 0.00	28.41 -0.72 0.00	25.69 -0.67 0.00
PINELAWN_CC_1 323563	35.70 1.18 -2.79	24.29 0.80 0.00	22.33 0.62 0.00	25.24 0.65 0.00	23.81 0.64 0.00	34.15 1.10 0.00	38.58 1.32 0.00	31.56 1.07 -0.19	18.96 0.66 -0.25	16.11 0.50 -0.02	9.23 0.25 0.00	20.28 0.61 0.00	8.29 0.23 0.00	6.07 0.19 0.00	8.53 0.34 0.00	8.97 0.42 0.00	29.07 1.52 -2.83	28.01 1.67 -0.05	74.56 2.06 -39.90	94.69 2.24 -52.67	93.30 3.19 -39.28	63.93 2.17 -28.85	52.59 1.96 -21.50	32.12 1.68 -4.09
PJM_GEN_HTP_PROXY 323702	32.37 0.64 0.00	23.98 0.49 0.00	22.11 0.41 0.00	24.99 0.40 0.00	23.55 0.39 0.00	33.62 0.57 0.00	37.95 0.68 0.00	30.99 0.70 0.00	18.61 0.57 0.00	16.30 0.53 -0.18	9.28 0.30 0.00	20.42 0.75 0.00	8.38 0.32 0.00	6.14 0.25 0.00	8.60 0.41 0.00	9.02 0.46 0.00	26.09 1.37 0.00	27.72 1.43 0.00	34.30 1.70 0.00	29.35 1.62 12.05	75.69 2.54 -22.32	34.29 1.78 0.40	30.71 1.58 0.00	27.68 1.33 0.00
PJM_GEN_KEystone 24065	31.55 -0.17 0.00	23.27 -0.22 0.00	21.52 -0.18 0.00	24.43 -0.16 0.00	22.96 -0.21 0.00	32.62 -0.42 0.00	36.88 -0.39 0.00	30.09 -0.21 0.00	18.02 -0.03 0.00	15.87 0.10 -0.18	9.12 0.14 0.00	19.75 0.09 0.00	8.17 0.10 0.00	5.94 0.06 0.00	8.31 0.12 0.00	8.66 0.10 0.00	24.94 0.22 0.00	26.85 0.09 -0.47	34.21 0.03 -1.58	27.69 -0.04 12.05	73.13 -0.02 -22.32	32.37 -0.14 0.40	28.86 -0.27 0.00	26.17 -0.19 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.90 0.82 -2.36	24.04 0.55 0.00	22.13 0.42 0.00	25.02 0.42 0.00	23.59 0.42 0.00	33.78 0.73 0.00	38.12 0.86 0.00	31.01 0.71 0.00	18.54 0.49 0.00	16.16 0.40 -0.18	9.18 0.20 0.00	20.20 0.54 0.00	8.28 0.21 0.00	6.06 0.17 0.00	8.50 0.31 0.00	8.94 0.38 0.00	28.45 1.33 -2.40	27.73 1.40 -0.04	66.19 1.66 -31.93	71.76 1.67 -30.30	106.64 2.45 -53.35	57.42 1.73 -22.79	48.88 1.57 -18.19	31.16 1.34 -3.46
PJM_GEN_VFT_PROXY 323633	32.24 0.52 0.00	23.89 0.40 0.00	22.02 0.32 0.00	24.90 0.31 0.00	23.46 0.30 0.00	33.48 0.44 0.00	37.79 0.53 0.00	30.86 0.57 0.00	18.52 0.47 0.00	16.21 0.44 -0.18	9.24 0.26 0.00	20.33 0.66 0.00	8.34 0.27 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.98 0.43 0.00	25.98 1.26 0.00	27.61 1.31 0.00	34.15 1.56 0.00	29.19 1.45 12.05	75.47 2.32 -22.32	34.16 1.65 0.40	30.57 1.44 0.00	27.57 1.21 0.00
PLATSBURG_115KV_PMLD1 355749	32.14 0.41 0.00	23.74 0.24 0.00	21.97 0.26 0.00	24.88 0.29 0.00	23.44 0.27 0.00	33.45 0.41 0.00	37.80 0.53 0.00	30.87 0.58 0.00	18.37 0.33 0.00	15.85 0.26 0.00	9.13 0.15 0.00	19.99 0.32 0.00	8.18 0.11 0.00	5.95 0.07 0.00	8.27 0.08 0.00	8.63 0.08 0.00	25.04 0.31 0.00	26.57 0.28 0.00	32.92 0.33 0.00	40.33 0.54 0.00	51.62 0.78 0.00	33.39 0.48 0.00	29.58 0.45 0.00	26.66 0.31 0.00
PLEASANTVLY__LBMP 24000	32.30 0.57 0.00	23.91 0.42 0.00	22.07 0.37 0.00	24.98 0.39 0.00	23.54 0.37 0.00	33.61 0.57 0.00	37.91 0.64 0.00	30.88 0.59 0.00	18.47 0.43 0.00	15.98 0.39 0.00	9.18 0.20 0.00	20.23 0.56 0.00	8.31 0.25 0.00	6.08 0.19 0.00	8.50 0.31 0.00	8.90 0.35 0.00	25.79 1.07 0.00	27.42 1.13 0.00	33.96 1.36 0.00	41.09 1.31 0.00	52.73 1.90 0.00	34.25 1.35 0.00	30.31 1.18 0.00	27.33 0.97 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.46 0.74 0.00	24.04 0.54 0.00	22.17 0.47 0.00	25.07 0.48 0.00	23.63 0.46 0.00	33.75 0.70 0.00	38.11 0.85 0.00	31.08 0.78 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.26 0.28 0.00	20.38 0.72 0.00	8.37 0.30 0.00	6.12 0.24 0.00	8.57 0.38 0.00	8.99 0.43 0.00	26.04 1.32 0.00	27.69 1.39 0.00	34.29 1.69 0.00	41.45 1.67 0.00	53.28 2.45 0.00	34.62 1.71 0.00	30.64 1.51 0.00	27.61 1.25 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.46 0.74 0.00	24.04 0.54 0.00	22.17 0.47 0.00	25.07 0.48 0.00	23.63 0.46 0.00	33.75 0.70 0.00	38.11 0.85 0.00	31.08 0.78 0.00	18.61 0.56 0.00	16.10 0.51 0.00	9.26 0.28 0.00	20.38 0.72 0.00	8.37 0.30 0.00	6.12 0.24 0.00	8.57 0.38 0.00	8.99 0.43 0.00	26.04 1.32 0.00	27.69 1.39 0.00	34.29 1.69 0.00	41.45 1.67 0.00	53.28 2.45 0.00	34.62 1.71 0.00	30.64 1.51 0.00	27.61 1.25 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.61 0.89 0.00	24.13 0.64 0.00	22.28 0.58 0.00	25.22 0.63 0.00	23.77 0.60 0.00	33.96 0.91 0.00	38.34 1.07 0.00	31.23 0.93 0.00	18.65 0.60 0.00	16.10 0.51 0.00	9.24 0.26 0.00	20.34 0.67 0.00	8.36 0.29 0.00	6.11 0.22 0.00	8.53 0.34 0.00	8.94 0.39 0.00	25.92 1.20 0.00	27.62 1.32 0.00	34.26 1.66 0.00	41.54 1.75 0.00	53.29 2.46 0.00	34.58 1.67 0.00	30.58 1.45 0.00	27.55 1.20 0.00
POLETTI____ 23519	32.31 0.59 0.00	23.93 0.44 0.00	22.06 0.36 0.00	24.94 0.34 0.00	23.49 0.33 0.00	33.55 0.50 0.00	37.89 0.63 0.00	30.92 0.62 0.00	18.56 0.52 0.00	16.08 0.49 0.00	9.25 0.27 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.57 0.38 0.00	8.99 0.44 0.00	26.02 1.30 0.00	27.65 1.35 0.00	34.21 1.62 0.00	41.31 1.53 0.00	53.29 2.46 0.00	34.67 1.77 0.00	30.71 1.58 0.00	27.68 1.32 0.00

POMONA___ESR 323819	32.43 0.71 0.00	24.01 0.52 0.00	22.16 0.45 0.00	25.09 0.50 0.00	23.62 0.45 0.00	33.73 0.69 0.00	38.10 0.83 0.00	31.05 0.75 0.00	18.56 0.52 0.00	16.06 0.47 0.00	9.24 0.26 0.00	20.35 0.69 0.00	8.36 0.29 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.98 0.42 0.00	25.99 1.27 0.00	27.65 1.36 0.00	34.24 1.64 0.00	41.41 1.63 0.00	53.16 2.33 0.00	34.52 1.61 0.00	30.48 1.35 0.00	27.49 1.14 0.00
PORT_JEFF_3 23555	35.49 1.26 -2.51	24.32 0.83 0.00	22.33 0.62 0.00	25.23 0.63 0.00	23.82 0.65 0.00	34.22 1.17 0.00	38.70 1.43 0.00	32.80 1.20 -1.30	20.55 0.74 -1.76	16.28 0.55 -0.13	9.25 0.27 0.00	20.33 0.67 0.00	8.30 0.23 0.00	6.07 0.19 0.00	8.53 0.34 0.00	8.98 0.42 0.00	28.83 1.56 -2.55	28.07 1.74 -0.04	83.77 2.23 -48.94	105.47 2.50 -63.18	105.42 3.48 -51.10	69.53 2.30 -34.32	50.56 2.05 -19.38	31.80 1.76 -3.69
PORT_JEFF_4 23616	35.49 1.26 -2.51	24.32 0.83 0.00	22.33 0.62 0.00	25.23 0.63 0.00	23.82 0.65 0.00	34.22 1.17 0.00	38.70 1.43 0.00	32.80 1.20 -1.30	20.55 0.74 -1.76	16.28 0.55 -0.13	9.25 0.27 0.00	20.33 0.67 0.00	8.30 0.23 0.00	6.07 0.19 0.00	8.53 0.34 0.00	8.98 0.42 0.00	28.83 1.56 -2.55	28.07 1.74 -0.04	83.77 2.23 -48.94	105.47 2.50 -63.18	105.42 3.48 -51.10	69.53 2.30 -34.32	50.56 2.05 -19.38	31.80 1.76 -3.69
PORT_JEFF_IC 23713	35.52 1.28 -2.52	24.35 0.86 0.00	22.36 0.65 0.00	25.26 0.67 0.00	23.84 0.68 0.00	34.28 1.23 0.00	38.78 1.51 0.00	32.83 1.26 -1.28	20.54 0.77 -1.72	16.30 0.58 -0.13	9.26 0.28 0.00	20.35 0.68 0.00	8.31 0.24 0.00	6.08 0.19 0.00	8.54 0.35 0.00	8.99 0.43 0.00	28.88 1.60 -2.56	28.12 1.79 -0.04	83.66 2.33 -48.74	105.35 2.62 -62.95	105.32 3.65 -50.84	69.19 2.39 -33.89	50.69 2.10 -19.45	31.84 1.79 -3.70
PPL PILGRIM_ST_GT1 24216	35.61 1.32 -2.56	24.38 0.88 0.00	22.39 0.69 0.00	25.31 0.72 0.00	23.89 0.72 0.00	34.28 1.23 0.00	38.75 1.48 0.00	32.58 1.18 -1.10	20.24 0.72 -1.48	16.24 0.54 -0.11	9.25 0.27 0.00	20.33 0.66 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.44 0.00	28.94 1.61 -2.60	28.12 1.78 -0.04	82.13 2.23 -47.31	103.41 2.34 -61.29	102.92 3.13 -48.96	68.78 2.22 -33.65	51.01 2.10 -19.77	31.93 1.81 -3.76
PPL PILGRIM_ST_GT2 24217	35.61 1.32 -2.56	24.38 0.88 0.00	22.39 0.69 0.00	25.31 0.72 0.00	23.89 0.72 0.00	34.28 1.23 0.00	38.75 1.48 0.00	32.58 1.18 -1.10	20.24 0.72 -1.48	16.24 0.54 -0.11	9.25 0.27 0.00	20.33 0.66 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.44 0.00	28.94 1.61 -2.60	28.12 1.78 -0.04	82.13 2.23 -47.31	103.41 2.34 -61.29	102.92 3.13 -48.96	68.78 2.22 -33.65	51.01 2.10 -19.77	31.93 1.81 -3.76
PPL_SHRM_GT3 24213	35.64 1.40 -2.52	24.37 0.88 0.00	22.31 0.61 0.00	25.21 0.62 0.00	23.81 0.64 0.00	34.27 1.22 0.00	38.82 1.55 0.00	32.91 1.32 -1.29	20.58 0.79 -1.74	16.31 0.59 -0.13	9.27 0.29 0.00	20.35 0.69 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.76 -0.04	83.84 2.39 -48.86	105.62 2.75 -63.09	105.66 3.84 -50.99	69.65 2.53 -34.21	50.83 2.29 -19.41	32.00 1.96 -3.69
PPL_SHRM_GT4 24214	35.64 1.40 -2.52	24.37 0.88 0.00	22.31 0.61 0.00	25.21 0.62 0.00	23.81 0.64 0.00	34.27 1.22 0.00	38.82 1.55 0.00	32.91 1.32 -1.29	20.58 0.79 -1.74	16.31 0.59 -0.13	9.27 0.29 0.00	20.35 0.69 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.76 -0.04	83.84 2.39 -48.86	105.62 2.75 -63.09	105.66 3.84 -50.99	69.65 2.53 -34.21	50.83 2.29 -19.41	32.00 1.96 -3.69
PROJECT___ORANGE 1 24174	31.53 -0.19 0.00	23.32 -0.17 0.00	21.55 -0.15 0.00	24.43 -0.16 0.00	23.02 -0.15 0.00	32.84 -0.21 0.00	37.08 -0.18 0.00	30.12 -0.18 0.00	17.88 -0.17 0.00	15.46 -0.13 0.00	8.92 -0.06 0.00	19.48 -0.18 0.00	8.00 -0.07 0.00	5.83 -0.06 0.00	8.12 -0.08 0.00	8.45 -0.10 0.00	24.41 -0.31 0.00	27.92 -0.25 -1.88	38.74 -0.18 -6.33	39.56 -0.22 0.00	50.45 -0.38 0.00	32.61 -0.30 0.00	28.80 -0.33 0.00	26.05 -0.30 0.00
PROJECT___ORANGE 2 24166	31.53 -0.19 0.00	23.32 -0.17 0.00	21.55 -0.15 0.00	24.43 -0.16 0.00	23.02 -0.15 0.00	32.84 -0.21 0.00	37.08 -0.18 0.00	30.12 -0.18 0.00	17.88 -0.17 0.00	15.46 -0.13 0.00	8.92 -0.06 0.00	19.48 -0.18 0.00	8.00 -0.07 0.00	5.83 -0.06 0.00	8.12 -0.08 0.00	8.45 -0.10 0.00	24.41 -0.31 0.00	27.92 -0.25 -1.88	38.74 -0.18 -6.33	39.56 -0.22 0.00	50.45 -0.38 0.00	32.61 -0.30 0.00	28.80 -0.33 0.00	26.05 -0.30 0.00
PUCKETT___SOLAR 323809	32.43 0.70 0.00	24.00 0.50 0.00	22.19 0.49 0.00	25.17 0.58 0.00	23.75 0.58 0.00	33.96 0.92 0.00	38.43 1.16 0.00	31.08 0.78 0.00	18.28 0.23 0.00	15.68 0.09 0.00	9.03 0.04 0.00	19.70 0.03 0.00	8.09 0.02 0.00	5.88 0.00 0.00	8.19 0.00 0.00	8.54 -0.02 0.00	24.71 -0.01 0.00	27.46 0.25 -0.91	36.61 0.77 -3.25	40.89 1.11 0.00	52.12 1.29 0.00	33.69 0.79 0.00	29.69 0.56 0.00	26.72 0.37 0.00
PYRITES___HYD 24023	31.78 0.05 0.00	23.60 0.11 0.00	21.77 0.07 0.00	24.64 0.05 0.00	23.27 0.10 0.00	33.30 0.25 0.00	37.37 0.11 0.00	30.00 -0.30 0.00	17.71 -0.34 0.00	15.24 -0.35 0.00	8.79 -0.19 0.00	19.19 -0.47 0.00	7.83 -0.24 0.00	5.71 -0.17 0.00	7.93 -0.26 0.00	8.28 -0.27 0.00	23.95 -0.77 0.00	25.87 -0.91 -0.49	33.44 -0.81 -1.65	39.57 -0.21 0.00	50.92 0.08 0.00	32.79 -0.12 0.00	29.12 -0.02 0.00	26.32 -0.03 0.00
QUAKERRD_115KV_BK1 80622	30.74 -0.99 0.00	22.71 -0.79 0.00	20.96 -0.75 0.00	23.80 -0.79 0.00	22.41 -0.76 0.00	31.94 -1.11 0.00	36.05 -1.21 0.00	29.40 -0.90 0.00	17.53 -0.51 0.00	15.22 -0.37 0.00	8.84 -0.14 0.00	19.09 -0.58 0.00	7.84 -0.22 0.00	5.71 -0.17 0.00	7.94 -0.25 0.00	8.26 -0.29 0.00	23.83 -0.89 0.00	26.08 -0.98 -0.77	33.97 -1.23 -2.61	38.42 -1.36 0.00	49.06 -1.78 0.00	31.54 -1.37 0.00	27.77 -1.36 0.00	25.20 -1.15 0.00
QUENSBRY_115KV_TB8 356137	33.33 1.61 0.00	24.72 1.23 0.00	22.93 1.23 0.00	26.01 1.42 0.00	24.53 1.36 0.00	35.13 2.08 0.00	39.53 2.26 0.00	32.03 1.73 0.00	18.80 0.75 0.00	16.12 0.52 0.00	9.17 0.19 0.00	20.28 0.61 0.00	8.28 0.21 0.00	6.00 0.12 0.00	8.34 0.15 0.00	8.71 0.15 0.00	25.45 0.72 0.00	27.01 0.72 0.00	33.81 1.22 0.00	41.75 1.97 0.00	53.25 2.42 0.00	34.62 1.71 0.00	30.70 1.57 0.00	27.65 1.29 0.00
RAMAPO___LBMP 323565	32.34 0.62 0.00	23.94 0.45 0.00	22.10 0.39 0.00	25.02 0.43 0.00	23.56 0.39 0.00	33.64 0.60 0.00	38.02 0.75 0.00	30.95 0.66 0.00	18.50 0.46 0.00	16.00 0.41 0.00	9.21 0.23 0.00	20.28 0.62 0.00	8.33 0.26 0.00	6.09 0.21 0.00	8.53 0.34 0.00	8.95 0.39 0.00	25.88 1.16 0.00	27.52 1.23 0.00	34.09 1.49 0.00	41.24 1.46 0.00	52.95 2.12 0.00	34.39 1.48 0.00	30.36 1.23 0.00	27.39 1.04 0.00



RANKINE____ 23646	31.27 -0.46 0.00	23.02 -0.47 0.00	21.27 -0.44 0.00	24.19 -0.40 0.00	22.70 -0.47 0.00	32.05 -1.00 0.00	36.07 -1.20 0.00	29.63 -0.67 0.00	17.86 -0.18 0.00	15.66 0.07 0.00	9.23 0.25 0.00	19.51 -0.16 0.00	8.08 0.01 0.00	5.85 -0.04 0.00	8.13 -0.06 0.00	8.43 -0.12 0.00	24.13 -0.59 0.00	26.06 -0.98 -0.74	33.66 -1.47 -2.53	38.36 -1.42 0.00	48.95 -1.88 0.00	31.25 -1.66 0.00	27.40 -1.73 0.00	25.00 -1.35 0.00
RAVENSWOOD_GT2_1 24244	32.33 0.60 0.00	23.94 0.45 0.00	22.08 0.37 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.56 0.52 0.00	37.92 0.65 0.00	30.94 0.64 0.00	18.57 0.53 0.00	16.08 0.49 0.00	9.26 0.28 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.44 0.00	26.03 1.31 0.00	27.66 1.37 0.00	34.23 1.64 0.00	41.33 1.55 0.00	53.30 2.47 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD_GT2_2 24245	32.33 0.60 0.00	23.94 0.45 0.00	22.08 0.37 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.56 0.52 0.00	37.92 0.65 0.00	30.94 0.64 0.00	18.57 0.53 0.00	16.08 0.49 0.00	9.26 0.28 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.44 0.00	26.03 1.31 0.00	27.66 1.37 0.00	34.23 1.64 0.00	41.33 1.55 0.00	53.30 2.47 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD_GT2_3 24246	32.34 0.62 0.00	23.96 0.47 0.00	22.08 0.38 0.00	24.96 0.37 0.00	23.53 0.36 0.00	33.59 0.54 0.00	37.94 0.67 0.00	30.96 0.66 0.00	18.58 0.54 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.05 1.33 0.00	27.68 1.38 0.00	34.25 1.65 0.00	41.35 1.57 0.00	53.34 2.50 0.00	34.69 1.79 0.00	30.72 1.59 0.00	27.69 1.34 0.00
RAVENSWOOD_GT2_4 24247	32.34 0.62 0.00	23.96 0.47 0.00	22.08 0.38 0.00	24.96 0.37 0.00	23.53 0.36 0.00	33.59 0.54 0.00	37.94 0.67 0.00	30.96 0.66 0.00	18.58 0.54 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.05 1.33 0.00	27.68 1.38 0.00	34.25 1.65 0.00	41.35 1.57 0.00	53.34 2.50 0.00	34.69 1.79 0.00	30.72 1.59 0.00	27.69 1.34 0.00
RAVENSWOOD_GT3_1 24248	32.37 0.64 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.98 0.39 0.00	23.54 0.37 0.00	33.60 0.55 0.00	37.96 0.69 0.00	30.97 0.68 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.06 1.34 0.00	27.69 1.40 0.00	34.28 1.68 0.00	41.38 1.59 0.00	53.32 2.49 0.00	34.69 1.78 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD_GT3_2 24249	32.37 0.64 0.00	23.97 0.48 0.00	22.10 0.40 0.00	24.98 0.39 0.00	23.54 0.37 0.00	33.60 0.55 0.00	37.96 0.69 0.00	30.97 0.68 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.39 0.73 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.06 1.34 0.00	27.69 1.40 0.00	34.28 1.68 0.00	41.38 1.59 0.00	53.32 2.49 0.00	34.69 1.78 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD_GT3_3 24250	32.41 0.68 0.00	24.01 0.51 0.00	22.13 0.42 0.00	25.01 0.42 0.00	23.57 0.40 0.00	33.65 0.60 0.00	38.01 0.74 0.00	31.02 0.72 0.00	18.62 0.58 0.00	16.13 0.54 0.00	9.28 0.30 0.00	20.43 0.76 0.00	8.39 0.32 0.00	6.14 0.25 0.00	8.60 0.41 0.00	9.02 0.46 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.32 1.72 0.00	41.44 1.66 0.00	53.40 2.57 0.00	34.74 1.83 0.00	30.75 1.62 0.00	27.72 1.37 0.00
RAVENSWOOD_GT3_4 24251	32.41 0.68 0.00	24.01 0.51 0.00	22.13 0.42 0.00	25.01 0.42 0.00	23.57 0.40 0.00	33.65 0.60 0.00	38.01 0.74 0.00	31.02 0.72 0.00	18.62 0.58 0.00	16.13 0.54 0.00	9.28 0.30 0.00	20.43 0.76 0.00	8.39 0.32 0.00	6.14 0.25 0.00	8.60 0.41 0.00	9.02 0.46 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.32 1.72 0.00	41.44 1.66 0.00	53.40 2.57 0.00	34.74 1.83 0.00	30.75 1.62 0.00	27.72 1.37 0.00
RAVENSWOOD_GT_1 23729	32.33 0.61 0.00	23.99 0.50 0.00	22.12 0.41 0.00	24.99 0.40 0.00	23.55 0.38 0.00	33.55 0.50 0.00	37.88 0.62 0.00	30.96 0.66 0.00	18.61 0.57 0.00	16.12 0.53 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.25 0.00	8.60 0.41 0.00	9.02 0.47 0.00	26.08 1.36 0.00	27.68 1.39 0.00	34.26 1.66 0.00	41.34 1.55 0.00	53.28 2.45 0.00	34.71 1.80 0.00	30.74 1.61 0.00	27.71 1.36 0.00
RAVENSWOOD_GT_10 24258	32.33 0.61 0.00	23.94 0.45 0.00	22.08 0.38 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.57 0.52 0.00	37.92 0.65 0.00	30.95 0.65 0.00	18.57 0.53 0.00	16.08 0.49 0.00	9.26 0.28 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.57 0.38 0.00	9.00 0.44 0.00	26.03 1.31 0.00	27.66 1.37 0.00	34.24 1.65 0.00	41.33 1.55 0.00	53.30 2.47 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD_GT_11 24259	32.33 0.61 0.00	23.94 0.45 0.00	22.08 0.38 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.57 0.52 0.00	37.92 0.65 0.00	30.95 0.65 0.00	18.57 0.53 0.00	16.08 0.49 0.00	9.26 0.28 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.57 0.38 0.00	9.00 0.44 0.00	26.03 1.31 0.00	27.66 1.37 0.00	34.24 1.65 0.00	41.33 1.55 0.00	53.30 2.47 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD_GT_4 24252	32.33 0.61 0.00	23.96 0.47 0.00	22.09 0.39 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.57 0.52 0.00	37.91 0.64 0.00	30.95 0.65 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.05 1.33 0.00	27.67 1.38 0.00	34.25 1.65 0.00	41.34 1.56 0.00	53.29 2.46 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.33 0.00
RAVENSWOOD_GT_5 24254	32.33 0.61 0.00	23.96 0.47 0.00	22.09 0.39 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.57 0.52 0.00	37.91 0.64 0.00	30.95 0.65 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.05 1.33 0.00	27.67 1.38 0.00	34.25 1.65 0.00	41.34 1.56 0.00	53.29 2.46 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.33 0.00
RAVENSWOOD_GT_6 24253	32.33 0.61 0.00	23.96 0.47 0.00	22.09 0.39 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.57 0.52 0.00	37.91 0.64 0.00	30.95 0.65 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.05 1.33 0.00	27.67 1.38 0.00	34.25 1.65 0.00	41.34 1.56 0.00	53.29 2.46 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.33 0.00

RAVENSWOOD_GT_7 24255	32.33 0.61 0.00	23.96 0.47 0.00	22.09 0.39 0.00	24.97 0.38 0.00	23.53 0.36 0.00	33.57 0.52 0.00	37.91 0.64 0.00	30.95 0.65 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.13 0.25 0.00	8.59 0.39 0.00	9.01 0.45 0.00	26.05 1.33 0.00	27.67 1.38 0.00	34.25 1.65 0.00	41.34 1.56 0.00	53.29 2.46 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.33 0.61 0.00	23.94 0.45 0.00	22.08 0.38 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.57 0.52 0.00	37.92 0.65 0.00	30.95 0.65 0.00	18.57 0.53 0.00	16.08 0.49 0.00	9.26 0.28 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.57 0.38 0.00	9.00 0.44 0.00	26.03 1.31 0.00	27.66 1.37 0.00	34.24 1.65 0.00	41.33 1.55 0.00	53.30 2.47 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD_GT_9 24257	32.33 0.61 0.00	23.94 0.45 0.00	22.08 0.38 0.00	24.95 0.36 0.00	23.51 0.34 0.00	33.57 0.52 0.00	37.92 0.65 0.00	30.95 0.65 0.00	18.57 0.53 0.00	16.08 0.49 0.00	9.26 0.28 0.00	20.37 0.70 0.00	8.36 0.29 0.00	6.12 0.24 0.00	8.57 0.38 0.00	9.00 0.44 0.00	26.03 1.31 0.00	27.66 1.37 0.00	34.24 1.65 0.00	41.33 1.55 0.00	53.30 2.47 0.00	34.68 1.77 0.00	30.71 1.58 0.00	27.68 1.32 0.00
RAVENSWOOD___1 23533	32.32 0.60 0.00	23.98 0.49 0.00	22.11 0.40 0.00	24.98 0.39 0.00	23.54 0.37 0.00	33.53 0.48 0.00	37.84 0.57 0.00	30.95 0.65 0.00	18.61 0.56 0.00	16.11 0.52 0.00	9.27 0.29 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.25 0.00	8.60 0.40 0.00	9.02 0.46 0.00	26.08 1.35 0.00	27.69 1.39 0.00	34.25 1.65 0.00	41.33 1.54 0.00	53.25 2.42 0.00	34.70 1.79 0.00	30.73 1.60 0.00	27.70 1.35 0.00
RAVENSWOOD___2 23534	32.31 0.58 0.00	23.97 0.48 0.00	22.11 0.40 0.00	24.97 0.39 0.00	23.54 0.37 0.00	33.52 0.47 0.00	37.83 0.56 0.00	30.94 0.64 0.00	18.60 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.06 1.34 0.00	27.68 1.38 0.00	34.22 1.63 0.00	41.32 1.53 0.00	53.24 2.42 0.00	34.68 1.78 0.00	30.72 1.59 0.00	27.69 1.34 0.00
RAVENSWOOD___3 23535	32.33 0.61 0.00	23.96 0.47 0.00	22.09 0.39 0.00	24.96 0.37 0.00	23.53 0.36 0.00	33.58 0.53 0.00	37.91 0.64 0.00	30.96 0.67 0.00	18.58 0.54 0.00	16.09 0.50 0.00	9.26 0.28 0.00	20.39 0.72 0.00	8.37 0.30 0.00	6.12 0.24 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.05 1.33 0.00	27.68 1.39 0.00	34.25 1.65 0.00	41.35 1.57 0.00	53.31 2.48 0.00	34.68 1.77 0.00	30.71 1.57 0.00	27.68 1.32 0.00
RAVENSWOOD___4 23820	32.31 0.58 0.00	23.97 0.48 0.00	22.11 0.40 0.00	24.97 0.39 0.00	23.54 0.37 0.00	33.52 0.47 0.00	37.83 0.56 0.00	30.94 0.64 0.00	18.60 0.56 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.06 1.34 0.00	27.68 1.38 0.00	34.22 1.63 0.00	41.32 1.53 0.00	53.24 2.42 0.00	34.68 1.78 0.00	30.72 1.59 0.00	27.69 1.34 0.00
RCPL_TRUST___DRP 24196	32.57 0.84 0.00	24.13 0.63 0.00	22.25 0.54 0.00	25.14 0.55 0.00	23.70 0.53 0.00	33.82 0.77 0.00	38.21 0.94 0.00	31.21 0.91 0.00	18.78 0.74 0.00	16.30 0.71 0.00	9.39 0.40 0.00	20.65 0.98 0.00	8.48 0.41 0.00	6.21 0.32 0.00	8.70 0.51 0.00	9.12 0.57 0.00	26.38 1.66 0.00	27.99 1.70 0.00	34.61 2.01 0.00	41.69 1.90 0.00	53.69 2.85 0.00	34.89 1.97 0.00	30.89 1.75 0.00	27.85 1.50 0.00
RED___ROCHESTER 323720	31.64 -0.09 0.00	23.33 -0.16 0.00	21.53 -0.18 0.00	24.45 -0.14 0.00	23.01 -0.16 0.00	32.81 -0.24 0.00	37.04 -0.22 0.00	30.23 -0.06 0.00	18.05 0.00 0.00	15.69 0.10 0.00	9.13 0.15 0.00	19.66 -0.01 0.00	8.08 0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.53 -0.19 0.00	26.72 -0.29 -0.72	34.66 -0.37 -2.43	39.54 -0.25 0.00	50.51 -0.32 0.00	32.42 -0.49 0.00	28.51 -0.62 0.00	25.87 -0.48 0.00
REGAN___SOLAR 323812	33.28 1.56 0.00	24.64 1.14 0.00	22.75 1.05 0.00	25.79 1.20 0.00	24.35 1.18 0.00	34.90 1.85 0.00	39.22 1.95 0.00	31.08 0.78 0.00	18.00 -0.05 0.00	15.36 -0.23 0.00	8.91 -0.07 0.00	19.53 -0.13 0.00	7.95 -0.12 0.00	5.77 -0.11 0.00	8.01 -0.18 0.00	8.38 -0.18 0.00	24.25 -0.47 0.00	26.04 -0.25 0.00	33.09 0.50 0.00	41.65 1.86 0.00	53.62 2.79 0.00	34.69 1.78 0.00	30.65 1.52 0.00	27.61 1.26 0.00
RENSSELAER___COGEN 23796	32.12 0.40 0.00	23.77 0.28 0.00	22.00 0.29 0.00	24.92 0.33 0.00	23.46 0.29 0.00	33.42 0.37 0.00	37.54 0.27 0.00	30.50 0.21 0.00	18.10 0.05 0.00	15.64 0.05 0.00	8.98 0.00 0.00	19.82 0.15 0.00	8.13 0.06 0.00	5.93 0.05 0.00	8.26 0.07 0.00	8.64 0.08 0.00	25.04 0.31 0.00	26.57 0.28 0.00	32.90 0.31 0.00	39.98 0.20 0.00	50.96 0.12 0.00	33.19 0.28 0.00	29.49 0.35 0.00	26.72 0.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.82 2.09 0.00	25.18 1.69 0.00	23.45 1.74 0.00	26.57 1.98 0.00	25.05 1.88 0.00	36.05 3.00 0.00	40.47 3.20 0.00	32.81 2.51 0.00	19.19 1.14 0.00	16.45 0.86 0.00	9.30 0.31 0.00	20.58 0.91 0.00	8.38 0.31 0.00	6.04 0.16 0.00	8.41 0.22 0.00	8.76 0.20 0.00	25.86 1.13 0.00	27.22 0.93 0.00	34.14 1.54 0.00	42.51 2.73 0.00	54.12 3.29 0.00	35.16 2.26 0.00	31.22 2.09 0.00	27.97 1.62 0.00
REVERE_CPPR_DRP 24186	32.79 1.06 0.00	24.22 0.73 0.00	22.36 0.66 0.00	25.33 0.74 0.00	23.90 0.73 0.00	34.18 1.13 0.00	38.63 1.36 0.00	31.06 0.77 0.00	18.21 0.17 0.00	15.67 0.08 0.00	9.03 0.05 0.00	19.77 0.10 0.00	8.10 0.03 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.62 -0.10 0.00	27.47 0.20 -0.98	36.92 1.00 -3.32	41.47 1.69 0.00	52.97 2.14 0.00	34.16 1.25 0.00	30.15 1.01 0.00	27.15 0.80 0.00
REYNLDPA_13_KV_LD 356490	31.85 0.12 0.00	23.64 0.15 0.00	21.83 0.12 0.00	24.72 0.13 0.00	23.29 0.12 0.00	33.27 0.22 0.00	37.55 0.29 0.00	30.56 0.27 0.00	18.23 0.18 0.00	15.73 0.14 0.00	9.08 0.10 0.00	19.84 0.17 0.00	8.11 0.04 0.00	5.91 0.03 0.00	8.21 0.02 0.00	8.59 0.03 0.00	24.83 0.11 0.00	26.36 0.07 0.00	32.62 0.03 0.00	40.02 0.23 0.00	51.24 0.40 0.00	33.03 0.12 0.00	29.28 0.15 0.00	26.49 0.14 0.00
REYNOLDS_115KV_TB3 80639	32.30 0.57 0.00	23.90 0.41 0.00	22.12 0.41 0.00	25.05 0.47 0.00	23.59 0.41 0.00	33.59 0.54 0.00	37.69 0.43 0.00	30.64 0.34 0.00	18.23 0.19 0.00	15.75 0.16 0.00	9.03 0.05 0.00	19.96 0.29 0.00	8.19 0.12 0.00	5.98 0.09 0.00	8.32 0.13 0.00	8.70 0.15 0.00	25.23 0.51 0.00	26.74 0.45 0.00	33.08 0.49 0.00	40.21 0.43 0.00	51.23 0.39 0.00	33.34 0.43 0.00	29.66 0.52 0.00	26.84 0.49 0.00

RIVERBAY____ 323610	33.53 1.76 -0.04	24.76 1.28 0.02	-264.31 1.16 287.18	25.85 1.27 0.01	24.38 1.23 0.02	34.81 1.71 -0.06	39.35 2.05 -0.03	32.10 1.74 -0.06	19.16 1.12 0.01	16.47 0.88 0.01	9.41 0.43 0.00	20.76 1.09 0.00	8.51 0.45 0.00	6.24 0.35 0.00	8.73 0.54 0.00	9.16 0.61 0.00	26.53 1.81 0.00	28.43 2.13 0.00	35.08 2.49 0.00	42.19 2.41 0.00	54.29 3.46 0.00	35.45 2.54 0.00	31.54 2.41 0.00	28.47 2.11 0.00
RIVERSIDE_115KV_TB3 55908	32.24 0.51 0.00	23.85 0.36 0.00	22.08 0.37 0.00	25.01 0.41 0.00	23.54 0.37 0.00	33.54 0.49 0.00	37.65 0.38 0.00	30.60 0.30 0.00	18.18 0.13 0.00	15.70 0.11 0.00	9.01 0.03 0.00	19.91 0.24 0.00	8.16 0.09 0.00	5.95 0.07 0.00	8.29 0.10 0.00	8.67 0.11 0.00	25.14 0.42 0.00	26.68 0.38 0.00	33.02 0.43 0.00	40.13 0.34 0.00	51.14 0.31 0.00	33.29 0.38 0.00	29.59 0.46 0.00	26.80 0.45 0.00
ROARING____BROOK_WT_PWR 323790	31.67 -0.06 0.00	23.46 -0.03 0.00	21.67 -0.04 0.00	24.54 -0.05 0.00	23.12 -0.05 0.00	32.98 -0.06 0.00	37.22 -0.04 0.00	30.28 -0.02 0.00	18.04 0.00 0.00	15.58 -0.01 0.00	8.97 -0.01 0.00	19.62 -0.04 0.00	8.04 -0.03 0.00	5.86 -0.02 0.00	8.17 -0.03 0.00	8.53 -0.03 0.00	24.60 -0.12 0.00	26.17 -0.12 0.00	32.44 -0.15 0.00	39.72 -0.06 0.00	50.81 -0.03 0.00	32.88 -0.03 0.00	29.10 -0.03 0.00	26.31 -0.05 0.00
ROCHESRG_115KV_T4 355643	31.27 -0.45 0.00	23.09 -0.41 0.00	21.31 -0.40 0.00	24.20 -0.39 0.00	22.78 -0.39 0.00	32.45 -0.60 0.00	36.60 -0.67 0.00	29.89 -0.41 0.00	17.85 -0.19 0.00	15.52 -0.07 0.00	9.04 0.06 0.00	19.46 -0.21 0.00	8.00 -0.07 0.00	5.81 -0.07 0.00	8.08 -0.11 0.00	8.42 -0.14 0.00	24.26 -0.46 0.00	26.39 -0.59 -0.69	34.15 -0.79 -2.35	39.00 -0.79 0.00	49.80 -1.03 0.00	32.00 -0.91 0.00	28.16 -0.97 0.00	25.59 -0.76 0.00
ROCHESTER_9_IC 23652	31.49 -0.23 0.00	23.24 -0.26 0.00	21.45 -0.26 0.00	24.36 -0.23 0.00	22.93 -0.24 0.00	32.67 -0.38 0.00	36.87 -0.39 0.00	30.11 -0.19 0.00	17.97 -0.07 0.00	15.63 0.04 0.00	9.10 0.11 0.00	19.59 -0.08 0.00	8.05 -0.01 0.00	5.85 -0.04 0.00	8.12 -0.07 0.00	8.47 -0.09 0.00	24.44 -0.28 0.00	26.64 -0.37 -0.73	34.54 -0.51 -2.46	39.34 -0.44 0.00	50.25 -0.58 0.00	32.27 -0.63 0.00	28.38 -0.75 0.00	25.77 -0.58 0.00
ROCKVIEW_13_KV_LD 356306	32.54 0.81 0.00	24.08 0.59 0.00	22.21 0.50 0.00	25.11 0.52 0.00	23.66 0.49 0.00	33.79 0.75 0.00	38.18 0.92 0.00	31.14 0.84 0.00	18.65 0.60 0.00	16.14 0.54 0.00	9.28 0.30 0.00	20.43 0.76 0.00	8.39 0.33 0.00	6.14 0.26 0.00	8.60 0.41 0.00	9.02 0.46 0.00	26.13 1.41 0.00	27.77 1.47 0.00	34.39 1.79 0.00	41.57 1.79 0.00	53.44 2.60 0.00	34.74 1.83 0.00	30.71 1.58 0.00	27.68 1.33 0.00
ROME____115KV_TB2 80656	32.79 1.06 0.00	24.22 0.73 0.00	22.36 0.66 0.00	25.33 0.74 0.00	23.90 0.73 0.00	34.18 1.13 0.00	38.63 1.36 0.00	31.06 0.77 0.00	18.21 0.17 0.00	15.67 0.08 0.00	9.03 0.05 0.00	19.77 0.10 0.00	8.10 0.03 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.62 -0.10 0.00	27.47 0.20 -0.98	36.92 1.00 -3.32	41.47 1.69 0.00	52.97 2.14 0.00	34.16 1.25 0.00	30.15 1.01 0.00	27.15 0.80 0.00
ROSETON____1 23587	32.29 0.56 0.00	23.91 0.42 0.00	22.07 0.36 0.00	24.98 0.39 0.00	23.54 0.37 0.00	33.60 0.55 0.00	37.90 0.63 0.00	30.88 0.59 0.00	18.46 0.42 0.00	15.97 0.38 0.00	9.18 0.20 0.00	20.21 0.54 0.00	8.31 0.24 0.00	6.07 0.19 0.00	8.49 0.30 0.00	8.90 0.34 0.00	25.76 1.04 0.00	27.40 1.11 0.00	33.93 1.33 0.00	41.07 1.29 0.00	52.72 1.89 0.00	34.25 1.34 0.00	30.28 1.15 0.00	27.30 0.95 0.00
ROSETON____2 23588	32.29 0.56 0.00	23.91 0.42 0.00	22.07 0.36 0.00	24.98 0.39 0.00	23.54 0.37 0.00	33.60 0.55 0.00	37.90 0.63 0.00	30.88 0.59 0.00	18.46 0.42 0.00	15.97 0.38 0.00	9.18 0.20 0.00	20.21 0.54 0.00	8.31 0.24 0.00	6.07 0.19 0.00	8.49 0.30 0.00	8.90 0.34 0.00	25.76 1.04 0.00	27.40 1.11 0.00	33.93 1.33 0.00	41.07 1.29 0.00	52.72 1.89 0.00	34.25 1.34 0.00	30.28 1.15 0.00	27.30 0.95 0.00
ROTTDRAM_115KV_TB3 80664	32.30 0.57 0.00	23.92 0.42 0.00	22.11 0.40 0.00	25.05 0.46 0.00	23.61 0.43 0.00	33.68 0.63 0.00	37.90 0.64 0.00	30.74 0.44 0.00	18.26 0.21 0.00	15.74 0.15 0.00	9.05 0.06 0.00	19.92 0.25 0.00	8.17 0.10 0.00	5.96 0.07 0.00	8.29 0.10 0.00	8.67 0.12 0.00	25.10 0.38 0.00	26.72 0.42 0.00	33.19 0.60 0.00	40.53 0.75 0.00	51.79 0.96 0.00	33.59 0.69 0.00	29.78 0.65 0.00	26.90 0.55 0.00
RUSSELL____1 23602	31.62 -0.10 0.00	23.33 -0.16 0.00	21.53 -0.18 0.00	24.45 -0.14 0.00	23.01 -0.16 0.00	32.80 -0.25 0.00	37.04 -0.23 0.00	30.24 -0.06 0.00	18.05 0.00 0.00	15.69 0.10 0.00	9.13 0.15 0.00	19.66 -0.01 0.00	8.08 0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.53 -0.19 0.00	26.75 -0.26 -0.72	34.66 -0.37 -2.43	39.54 -0.25 0.00	50.48 -0.35 0.00	32.41 -0.49 0.00	28.51 -0.63 0.00	25.87 -0.48 0.00
RUSSELL____2 23532	31.62 -0.10 0.00	23.33 -0.16 0.00	21.53 -0.18 0.00	24.45 -0.14 0.00	23.01 -0.16 0.00	32.80 -0.25 0.00	37.04 -0.23 0.00	30.24 -0.06 0.00	18.05 0.00 0.00	15.69 0.10 0.00	9.13 0.15 0.00	19.66 -0.01 0.00	8.08 0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.53 -0.19 0.00	26.75 -0.26 -0.72	34.66 -0.37 -2.43	39.54 -0.25 0.00	50.48 -0.35 0.00	32.41 -0.49 0.00	28.51 -0.63 0.00	25.87 -0.48 0.00
RUSSELL____3 23549	31.62 -0.10 0.00	23.33 -0.16 0.00	21.53 -0.18 0.00	24.45 -0.14 0.00	23.01 -0.16 0.00	32.80 -0.25 0.00	37.04 -0.23 0.00	30.24 -0.06 0.00	18.05 0.00 0.00	15.69 0.10 0.00	9.13 0.15 0.00	19.66 -0.01 0.00	8.08 0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.53 -0.19 0.00	26.75 -0.26 -0.72	34.66 -0.37 -2.43	39.54 -0.25 0.00	50.48 -0.35 0.00	32.41 -0.49 0.00	28.51 -0.63 0.00	25.87 -0.48 0.00
RUSSELL____4 23556	31.62 -0.10 0.00	23.33 -0.16 0.00	21.53 -0.18 0.00	24.45 -0.14 0.00	23.01 -0.16 0.00	32.80 -0.25 0.00	37.04 -0.23 0.00	30.24 -0.06 0.00	18.05 0.00 0.00	15.69 0.10 0.00	9.13 0.15 0.00	19.66 -0.01 0.00	8.08 0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.53 -0.19 0.00	26.75 -0.26 -0.72	34.66 -0.37 -2.43	39.54 -0.25 0.00	50.48 -0.35 0.00	32.41 -0.49 0.00	28.51 -0.63 0.00	25.87 -0.48 0.00
RUSSELL____STATION 23914	31.62 -0.10 0.00	23.33 -0.16 0.00	21.53 -0.18 0.00	24.45 -0.14 0.00	23.01 -0.16 0.00	32.80 -0.25 0.00	37.04 -0.23 0.00	30.24 -0.06 0.00	18.05 0.00 0.00	15.69 0.10 0.00	9.13 0.15 0.00	19.66 -0.01 0.00	8.08 0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.53 -0.19 0.00	26.75 -0.26 -0.72	34.66 -0.37 -2.43	39.54 -0.25 0.00	50.48 -0.35 0.00	32.41 -0.49 0.00	28.51 -0.63 0.00	25.87 -0.48 0.00

S SALMON___HYD 24043	31.35 -0.38 0.00	23.17 -0.33 0.00	21.37 -0.34 0.00	24.22 -0.37 0.00	22.82 -0.34 0.00	32.55 -0.50 0.00	36.75 -0.52 0.00	29.71 -0.59 0.00	17.59 -0.45 0.00	15.17 -0.42 0.00	8.76 -0.22 0.00	19.15 -0.52 0.00	7.85 -0.22 0.00	5.72 -0.16 0.00	7.95 -0.24 0.00	8.26 -0.29 0.00	23.84 -0.88 0.00	28.02 -0.74 -2.47	40.28 -0.64 -8.32	39.26 -0.52 0.00	50.07 -0.76 0.00	32.29 -0.61 0.00	28.57 -0.56 0.00	25.88 -0.47 0.00
S.PERRY___115KV_TB1 80734	32.50 0.78 0.00	23.94 0.45 0.00	22.15 0.44 0.00	25.22 0.62 0.00	23.72 0.55 0.00	33.83 0.79 0.00	38.28 1.01 0.00	30.95 0.65 0.00	18.15 0.11 0.00	15.76 0.17 0.00	9.20 0.22 0.00	19.67 0.01 0.00	8.13 0.06 0.00	5.89 0.01 0.00	8.19 0.00 0.00	8.50 -0.05 0.00	24.55 -0.17 0.00	27.13 0.01 -0.82	35.59 0.19 -2.80	40.61 0.82 0.00	52.07 1.24 0.00	33.41 0.51 0.00	29.27 0.14 0.00	26.42 0.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.02 -0.70 0.00	22.85 -0.64 0.00	21.11 -0.60 0.00	23.99 -0.60 0.00	22.52 -0.64 0.00	31.77 -1.28 0.00	35.70 -1.57 0.00	29.37 -0.93 0.00	17.73 -0.31 0.00	15.56 -0.04 0.00	9.17 0.19 0.00	19.39 -0.27 0.00	8.02 -0.05 0.00	5.81 -0.07 0.00	8.06 -0.13 0.00	8.37 -0.18 0.00	23.94 -0.78 0.00	25.79 -1.23 -0.73	33.25 -1.83 -2.48	37.92 -1.86 0.00	48.42 -2.42 0.00	30.93 -1.98 0.00	27.15 -1.99 0.00	24.82 -1.53 0.00
SAWYER___23_KV_LOAD 55526	31.02 -0.70 0.00	22.85 -0.64 0.00	21.11 -0.60 0.00	23.99 -0.60 0.00	22.52 -0.64 0.00	31.77 -1.28 0.00	35.70 -1.57 0.00	29.37 -0.93 0.00	17.73 -0.31 0.00	15.56 -0.04 0.00	9.17 0.19 0.00	19.39 -0.27 0.00	8.02 -0.05 0.00	5.81 -0.07 0.00	8.06 -0.13 0.00	8.37 -0.18 0.00	23.94 -0.78 0.00	25.79 -1.23 -0.73	33.25 -1.83 -2.48	37.92 -1.86 0.00	48.42 -2.42 0.00	30.93 -1.98 0.00	27.15 -1.99 0.00	24.82 -1.53 0.00
SELKIRK___I 23801	32.32 0.60 0.00	23.94 0.44 0.00	22.14 0.43 0.00	25.08 0.49 0.00	23.62 0.45 0.00	33.65 0.61 0.00	37.79 0.53 0.00	30.63 0.33 0.00	18.16 0.12 0.00	15.69 0.10 0.00	9.02 0.04 0.00	19.86 0.19 0.00	8.15 0.08 0.00	5.94 0.05 0.00	8.26 0.07 0.00	8.64 0.08 0.00	25.03 0.31 0.00	26.64 0.34 0.00	33.10 0.50 0.00	40.33 0.54 0.00	51.47 0.64 0.00	33.47 0.57 0.00	29.72 0.58 0.00	26.90 0.55 0.00
SELKIRK___II 23799	32.14 0.42 0.00	23.79 0.30 0.00	22.01 0.30 0.00	24.93 0.34 0.00	23.47 0.31 0.00	33.45 0.41 0.00	37.62 0.35 0.00	30.56 0.27 0.00	18.16 0.12 0.00	15.69 0.10 0.00	9.02 0.04 0.00	19.87 0.20 0.00	8.15 0.09 0.00	5.95 0.07 0.00	8.29 0.10 0.00	8.67 0.12 0.00	25.11 0.39 0.00	26.67 0.38 0.00	33.04 0.44 0.00	40.15 0.37 0.00	51.25 0.42 0.00	33.34 0.43 0.00	29.59 0.46 0.00	26.78 0.43 0.00
SENECA OSWGO___HYD 24041	30.94 -0.79 0.00	22.90 -0.59 0.00	21.16 -0.54 0.00	23.97 -0.62 0.00	22.59 -0.57 0.00	32.22 -0.83 0.00	36.38 -0.88 0.00	29.56 -0.73 0.00	17.58 -0.46 0.00	15.18 -0.42 0.00	8.75 -0.23 0.00	19.14 -0.53 0.00	7.85 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.93 -0.79 0.00	28.59 -0.78 -3.08	42.13 -0.84 -10.37	38.77 -1.01 0.00	49.46 -1.37 0.00	31.98 -0.92 0.00	28.26 -0.87 0.00	25.58 -0.77 0.00
SENECA___115KV_TB3 355854	31.34 -0.39 0.00	23.06 -0.43 0.00	21.30 -0.41 0.00	24.22 -0.37 0.00	22.73 -0.43 0.00	32.12 -0.92 0.00	36.15 -1.12 0.00	29.68 -0.61 0.00	17.89 -0.15 0.00	15.68 0.09 0.00	9.24 0.26 0.00	19.54 -0.13 0.00	8.09 0.02 0.00	5.86 -0.03 0.00	8.14 -0.05 0.00	8.45 -0.11 0.00	24.17 -0.55 0.00	26.05 -0.99 -0.74	33.71 -1.42 -2.53	38.41 -1.38 0.00	49.09 -1.74 0.00	31.31 -1.60 0.00	27.45 -1.68 0.00	25.03 -1.32 0.00
SENECA___ENERGY 23797	31.63 -0.10 0.00	23.36 -0.14 0.00	21.58 -0.13 0.00	24.50 -0.09 0.00	23.10 -0.07 0.00	32.93 -0.12 0.00	37.28 0.01 0.00	30.20 -0.10 0.00	17.88 -0.16 0.00	15.46 -0.13 0.00	8.94 -0.05 0.00	19.40 -0.27 0.00	7.98 -0.09 0.00	5.81 -0.07 0.00	8.09 -0.10 0.00	8.42 -0.14 0.00	24.28 -0.44 0.00	27.61 -0.34 -1.67	38.01 -0.21 -5.63	39.68 -0.10 0.00	50.65 -0.18 0.00	32.61 -0.30 0.00	28.71 -0.42 0.00	25.99 -0.36 0.00
SHOEMAKER___GT 23640	32.29 0.56 0.00	23.91 0.42 0.00	22.08 0.37 0.00	24.99 0.41 0.00	23.56 0.39 0.00	33.63 0.58 0.00	37.95 0.69 0.00	30.90 0.60 0.00	18.43 0.38 0.00	15.91 0.32 0.00	9.14 0.16 0.00	20.12 0.45 0.00	8.27 0.20 0.00	6.04 0.16 0.00	8.45 0.26 0.00	8.85 0.30 0.00	25.62 0.90 0.00	27.29 1.00 0.00	33.85 1.25 0.00	41.07 1.29 0.00	52.72 1.89 0.00	34.25 1.34 0.00	30.25 1.12 0.00	27.27 0.92 0.00
SHOEMAKR_138KV_BK 111 55601	32.29 0.56 0.00	23.90 0.41 0.00	22.07 0.36 0.00	24.98 0.39 0.00	23.55 0.38 0.00	33.61 0.56 0.00	37.95 0.69 0.00	30.88 0.58 0.00	18.43 0.39 0.00	15.92 0.34 0.00	9.15 0.17 0.00	20.14 0.47 0.00	8.27 0.21 0.00	6.05 0.16 0.00	8.46 0.27 0.00	8.86 0.31 0.00	25.64 0.92 0.00	27.30 1.01 0.00	33.86 1.26 0.00	41.05 1.27 0.00	52.71 1.87 0.00	34.24 1.33 0.00	30.24 1.11 0.00	27.26 0.91 0.00
SHOREHAM_IC_1 23715	35.64 1.40 -2.52	24.37 0.88 0.00	22.31 0.61 0.00	25.21 0.62 0.00	23.81 0.64 0.00	34.27 1.22 0.00	38.82 1.55 0.00	32.91 1.32 -1.29	20.58 0.79 -1.74	16.31 0.59 -0.13	9.27 0.29 0.00	20.35 0.69 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.76 -0.04	83.84 2.39 -48.86	105.62 2.75 -63.09	105.66 3.84 -50.99	69.65 2.53 -34.21	50.83 2.29 -19.41	32.00 1.96 -3.69
SHOREHAM_IC_2 23716	35.64 1.40 -2.52	24.37 0.88 0.00	22.31 0.61 0.00	25.21 0.62 0.00	23.81 0.64 0.00	34.27 1.22 0.00	38.82 1.55 0.00	32.91 1.32 -1.29	20.58 0.79 -1.74	16.31 0.59 -0.13	9.27 0.29 0.00	20.35 0.69 0.00	8.31 0.24 0.00	6.08 0.20 0.00	8.54 0.35 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.76 -0.04	83.84 2.39 -48.86	105.62 2.75 -63.09	105.66 3.84 -50.99	69.65 2.53 -34.21	50.83 2.29 -19.41	32.00 1.96 -3.69
SISSONVILLE____ 23735	31.12 -0.60 0.00	23.12 -0.37 0.00	21.32 -0.38 0.00	24.13 -0.46 0.00	22.78 -0.39 0.00	32.57 -0.47 0.00	36.44 -0.82 0.00	29.38 -0.91 0.00	17.40 -0.64 0.00	14.97 -0.63 0.00	8.63 -0.36 0.00	18.84 -0.83 0.00	7.69 -0.38 0.00	5.60 -0.28 0.00	7.78 -0.41 0.00	8.13 -0.43 0.00	23.50 -1.22 0.00	25.43 -1.41 -0.55	32.96 -1.47 -1.84	38.56 -1.22 0.00	49.49 -1.35 0.00	31.90 -1.01 0.00	28.41 -0.72 0.00	25.69 -0.67 0.00
SITHE_IND_GS1 24169	30.88 -0.84 0.00	22.87 -0.63 0.00	21.12 -0.58 0.00	23.94 -0.65 0.00	22.57 -0.60 0.00	32.16 -0.89 0.00	36.29 -0.98 0.00	29.49 -0.81 0.00	17.51 -0.53 0.00	15.16 -0.43 0.00	8.75 -0.23 0.00	19.11 -0.56 0.00	7.84 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.92 -0.80 0.00	16.01 -0.84 9.45	-0.11 -0.96 31.75	38.61 -1.18 0.00	49.21 -1.62 0.00	31.82 -1.08 0.00	28.15 -0.98 0.00	25.51 -0.85 0.00

SITHE_IND_GS2 24170	30.88 -0.84 0.00	22.87 -0.63 0.00	21.12 -0.58 0.00	23.94 -0.65 0.00	22.57 -0.60 0.00	32.16 -0.89 0.00	36.29 -0.98 0.00	29.49 -0.81 0.00	17.51 -0.53 0.00	15.16 -0.43 0.00	8.75 -0.23 0.00	19.11 -0.56 0.00	7.84 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.92 -0.80 0.00	16.01 -0.84 9.45	-0.11 -0.96 31.75	38.61 -1.18 0.00	49.21 -1.62 0.00	31.82 -1.08 0.00	28.15 -0.98 0.00	25.51 -0.85 0.00
SITHE_IND_GS3 24171	30.88 -0.84 0.00	22.87 -0.63 0.00	21.12 -0.58 0.00	23.94 -0.65 0.00	22.57 -0.60 0.00	32.16 -0.89 0.00	36.29 -0.98 0.00	29.49 -0.81 0.00	17.51 -0.53 0.00	15.16 -0.43 0.00	8.75 -0.23 0.00	19.11 -0.56 0.00	7.84 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.92 -0.80 0.00	16.01 -0.84 9.45	-0.11 -0.96 31.75	38.61 -1.18 0.00	49.21 -1.62 0.00	31.82 -1.08 0.00	28.15 -0.98 0.00	25.51 -0.85 0.00
SITHE_IND_GS4 24172	30.88 -0.84 0.00	22.87 -0.63 0.00	21.12 -0.58 0.00	23.94 -0.65 0.00	22.57 -0.60 0.00	32.16 -0.89 0.00	36.29 -0.98 0.00	29.49 -0.81 0.00	17.51 -0.53 0.00	15.16 -0.43 0.00	8.75 -0.23 0.00	19.11 -0.56 0.00	7.84 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.92 -0.80 0.00	16.01 -0.84 9.45	-0.11 -0.96 31.75	38.61 -1.18 0.00	49.21 -1.62 0.00	31.82 -1.08 0.00	28.15 -0.98 0.00	25.51 -0.85 0.00
SITHE___BATAVIA 24024	31.82 0.09 0.00	23.44 -0.05 0.00	21.63 -0.08 0.00	24.59 0.00 0.00	23.14 -0.03 0.00	32.83 -0.22 0.00	37.13 -0.14 0.00	30.40 0.10 0.00	18.05 0.00 0.00	15.67 0.08 0.00	9.19 0.21 0.00	19.53 -0.14 0.00	8.02 -0.05 0.00	5.82 -0.07 0.00	8.07 -0.12 0.00	8.39 -0.16 0.00	24.12 -0.60 0.00	26.25 -0.78 -0.73	34.07 -1.01 -2.49	39.07 -0.71 0.00	50.07 -0.76 0.00	32.00 -0.91 0.00	28.09 -1.05 0.00	25.64 -0.71 0.00
SITHE___INDEPEND 23800	30.88 -0.85 0.00	22.87 -0.63 0.00	21.12 -0.58 0.00	23.94 -0.65 0.00	22.57 -0.60 0.00	32.16 -0.89 0.00	36.29 -0.98 0.00	29.48 -0.81 0.00	17.51 -0.53 0.00	15.16 -0.43 0.00	8.75 -0.23 0.00	19.11 -0.56 0.00	7.84 -0.22 0.00	5.72 -0.16 0.00	7.96 -0.23 0.00	8.29 -0.26 0.00	23.92 -0.80 0.00	16.01 -0.83 9.45	-0.11 -0.96 31.75	38.61 -1.17 0.00	49.21 -1.62 0.00	31.82 -1.08 0.00	28.15 -0.98 0.00	25.51 -0.85 0.00
SITHE___MASSENA 23902	31.80 0.08 0.00	23.61 0.12 0.00	21.80 0.10 0.00	24.69 0.09 0.00	23.27 0.09 0.00	33.24 0.19 0.00	37.48 0.22 0.00	30.48 0.18 0.00	18.18 0.14 0.00	15.69 0.09 0.00	9.05 0.07 0.00	19.76 0.10 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.18 -0.01 0.00	8.56 0.00 0.00	24.74 0.02 0.00	26.26 -0.03 0.00	32.52 -0.07 0.00	39.92 0.14 0.00	51.15 0.32 0.00	33.01 0.10 0.00	29.23 0.10 0.00	26.45 0.10 0.00
SITHE___OGDNSBRG 24021	31.97 0.25 0.00	23.75 0.26 0.00	21.92 0.21 0.00	24.81 0.22 0.00	23.41 0.24 0.00	33.50 0.45 0.00	37.66 0.40 0.00	30.28 -0.01 0.00	17.94 -0.10 0.00	15.45 -0.14 0.00	8.92 -0.06 0.00	19.47 -0.20 0.00	7.94 -0.12 0.00	5.79 -0.09 0.00	8.04 -0.15 0.00	8.41 -0.14 0.00	24.32 -0.40 0.00	26.17 -0.51 -0.38	33.47 -0.42 -1.30	39.98 0.20 0.00	51.42 0.59 0.00	33.13 0.22 0.00	29.37 0.23 0.00	26.55 0.20 0.00
SITHE___STERLING 23777	32.48 0.75 0.00	24.02 0.52 0.00	22.18 0.48 0.00	25.14 0.55 0.00	23.70 0.53 0.00	33.88 0.83 0.00	38.28 1.02 0.00	30.85 0.56 0.00	18.16 0.11 0.00	15.65 0.06 0.00	9.04 0.05 0.00	19.77 0.10 0.00	8.11 0.04 0.00	5.89 0.00 0.00	8.18 -0.01 0.00	8.53 -0.03 0.00	24.66 -0.06 0.00	27.48 0.14 -1.05	36.81 0.68 -3.53	40.95 1.17 0.00	52.32 1.49 0.00	33.80 0.89 0.00	29.84 0.70 0.00	26.91 0.56 0.00
SLEIGHT__34_KV_TB1 80719	31.33 -0.39 0.00	23.14 -0.36 0.00	21.35 -0.35 0.00	24.25 -0.34 0.00	22.84 -0.32 0.00	32.58 -0.47 0.00	36.85 -0.42 0.00	29.94 -0.36 0.00	17.79 -0.26 0.00	15.41 -0.19 0.00	8.92 -0.06 0.00	19.30 -0.37 0.00	7.93 -0.14 0.00	5.78 -0.11 0.00	8.04 -0.15 0.00	8.37 -0.19 0.00	24.15 -0.57 0.00	26.76 -0.56 -1.02	35.50 -0.55 -3.46	39.26 -0.52 0.00	50.12 -0.71 0.00	32.22 -0.69 0.00	28.36 -0.78 0.00	25.72 -0.64 0.00
SOUTH CAIRO___GT 23612	33.10 1.38 0.00	24.48 0.98 0.00	22.63 0.92 0.00	25.64 1.05 0.00	24.18 1.01 0.00	34.50 1.45 0.00	38.90 1.63 0.00	31.52 1.22 0.00	18.48 0.43 0.00	15.86 0.26 0.00	9.09 0.10 0.00	20.05 0.38 0.00	8.21 0.14 0.00	5.98 0.09 0.00	8.31 0.13 0.00	8.70 0.15 0.00	25.27 0.55 0.00	26.95 0.66 0.00	33.61 1.01 0.00	41.19 1.41 0.00	52.87 2.04 0.00	34.38 1.47 0.00	30.42 1.28 0.00	27.48 1.13 0.00
SOUTH HAMPTN___IC 23720	36.03 1.79 -2.51	24.47 0.97 0.00	22.21 0.50 0.00	25.11 0.52 0.00	23.73 0.56 0.00	34.40 1.35 0.00	39.14 1.88 0.00	33.25 1.66 -1.30	20.78 0.98 -1.76	16.48 0.76 -0.13	9.38 0.40 0.00	20.61 0.94 0.00	8.41 0.35 0.00	6.15 0.27 0.00	8.64 0.45 0.00	9.07 0.51 0.00	29.01 1.74 -2.55	28.09 1.76 -0.04	84.43 2.89 -48.95	106.48 3.51 -63.19	106.74 4.80 -51.11	70.37 3.10 -34.36	51.26 2.75 -19.39	32.40 2.36 -3.69
SOUTHDOW__115KV_TB1 355954	32.39 0.67 0.00	23.81 0.32 0.00	22.03 0.33 0.00	25.07 0.48 0.00	23.53 0.36 0.00	33.35 0.30 0.00	37.82 0.55 0.00	30.94 0.64 0.00	18.51 0.46 0.00	16.19 0.60 0.00	9.49 0.51 0.00	20.14 0.48 0.00	8.39 0.32 0.00	6.06 0.17 0.00	8.43 0.24 0.00	8.74 0.19 0.00	25.06 0.33 0.00	27.15 0.10 -0.76	35.20 0.03 -2.58	40.19 0.41 0.00	51.24 0.41 0.00	32.32 -0.58 0.00	27.81 -1.32 0.00	25.23 -1.12 0.00
SOUTHOLD_69_KV_BK 2 55809	36.24 2.00 -2.51	24.44 0.95 0.00	22.02 0.31 0.00	24.89 0.30 0.00	23.54 0.37 0.00	34.34 1.29 0.00	39.21 1.95 0.00	33.41 1.81 -1.30	20.86 1.06 -1.76	16.57 0.85 -0.13	9.45 0.47 0.00	20.75 1.08 0.00	8.47 0.40 0.00	6.20 0.31 0.00	8.69 0.50 0.00	9.10 0.54 0.00	29.03 1.76 -2.55	27.94 1.61 -0.04	84.68 3.14 -48.95	106.93 3.95 -63.19	107.30 5.36 -51.11	70.71 3.45 -34.35	51.55 3.03 -19.39	32.63 2.60 -3.69
SOUTHOLD___IC 23719	36.22 1.99 -2.51	24.44 0.95 0.00	22.01 0.31 0.00	24.89 0.30 0.00	23.54 0.37 0.00	34.34 1.29 0.00	39.22 1.95 0.00	33.40 1.81 -1.30	20.86 1.06 -1.76	16.57 0.85 -0.13	9.45 0.47 0.00	20.75 1.08 0.00	8.47 0.40 0.00	6.20 0.31 0.00	8.69 0.50 0.00	9.10 0.54 0.00	29.03 1.76 -2.55	27.95 1.62 -0.04	84.68 3.14 -48.95	106.93 3.95 -63.19	107.30 5.36 -51.11	70.71 3.45 -34.35	51.55 3.03 -19.39	32.63 2.59 -3.69
SOUTH_FORK_WT_PWR 323839	36.25 2.02 -2.51	24.30 0.81 0.00	21.70 0.00 0.00	24.54 -0.05 0.00	23.21 0.04 0.00	34.09 1.04 0.00	39.06 1.80 0.00	33.37 1.77 -1.30	20.85 1.05 -1.76	16.57 0.85 -0.13	9.47 0.49 0.00	20.81 1.14 0.00	8.49 0.42 0.00	6.21 0.33 0.00	8.70 0.51 0.00	9.09 0.54 0.00	28.91 1.64 -2.55	27.67 1.33 -0.04	84.72 3.18 -48.95	107.10 4.12 -63.19	107.52 5.57 -51.11	70.83 3.56 -34.36	51.65 3.13 -19.39	32.72 2.68 -3.69

SPIERFLS_115KV_TB 1 80737	33.15 1.42 0.00	24.57 1.08 0.00	22.77 1.06 0.00	25.84 1.25 0.00	24.36 1.19 0.00	34.85 1.80 0.00	39.23 1.97 0.00	31.77 1.48 0.00	18.67 0.63 0.00	16.02 0.43 0.00	9.13 0.14 0.00	20.17 0.50 0.00	8.24 0.17 0.00	5.98 0.09 0.00	8.31 0.12 0.00	8.67 0.12 0.00	25.30 0.58 0.00	26.90 0.60 0.00	33.63 1.03 0.00	41.42 1.64 0.00	52.90 2.07 0.00	34.40 1.49 0.00	30.52 1.39 0.00	27.51 1.16 0.00
ST LAWRENCE____ 23600	31.62 -0.10 0.00	23.44 -0.05 0.00	21.64 -0.07 0.00	24.51 -0.08 0.00	23.09 -0.08 0.00	32.97 -0.07 0.00	37.22 -0.04 0.00	30.32 0.02 0.00	18.10 0.06 0.00	15.61 0.02 0.00	9.01 0.03 0.00	19.67 0.01 0.00	8.05 -0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.53 -0.03 0.00	24.65 -0.07 0.00	26.19 -0.10 0.00	32.40 -0.20 0.00	39.69 -0.09 0.00	50.82 -0.01 0.00	32.81 -0.10 0.00	29.05 -0.08 0.00	26.28 -0.07 0.00
STATE_CA_115KV_115_LB 55624	32.28 0.56 0.00	23.89 0.39 0.00	22.10 0.39 0.00	25.04 0.45 0.00	23.57 0.40 0.00	33.60 0.55 0.00	37.73 0.47 0.00	30.66 0.36 0.00	18.18 0.14 0.00	15.71 0.11 0.00	9.02 0.04 0.00	19.91 0.24 0.00	8.16 0.09 0.00	5.96 0.07 0.00	8.29 0.10 0.00	8.67 0.11 0.00	25.14 0.42 0.00	26.71 0.41 0.00	33.10 0.51 0.00	40.23 0.45 0.00	51.27 0.44 0.00	33.36 0.46 0.00	29.62 0.49 0.00	26.84 0.49 0.00
STATE_ST_34_KV_LOAD 55959	31.98 0.26 0.00	23.65 0.15 0.00	21.78 0.08 0.00	24.76 0.17 0.00	23.35 0.18 0.00	33.22 0.18 0.00	37.66 0.39 0.00	30.42 0.12 0.00	18.03 -0.02 0.00	15.57 -0.02 0.00	8.96 -0.02 0.00	19.50 -0.17 0.00	8.02 -0.05 0.00	5.86 -0.02 0.00	8.16 -0.03 0.00	8.50 -0.06 0.00	24.52 -0.20 0.00	28.06 -0.05 0.00	38.89 0.17 0.00	40.13 0.35 0.00	51.21 0.38 0.00	32.93 0.02 0.00	29.04 -0.10 0.00	26.36 0.00 0.00
STATION 5_MISC_HYD 23604	31.50 -0.22 0.00	23.24 -0.26 0.00	21.45 -0.26 0.00	24.36 -0.23 0.00	22.93 -0.24 0.00	32.68 -0.37 0.00	36.89 -0.38 0.00	30.11 -0.19 0.00	17.97 -0.07 0.00	15.63 0.04 0.00	9.10 0.11 0.00	19.59 -0.08 0.00	8.05 -0.01 0.00	5.85 -0.04 0.00	8.12 -0.07 0.00	8.47 -0.09 0.00	24.44 -0.28 0.00	26.62 -0.40 0.00	34.54 -0.51 0.00	39.34 -0.44 0.00	50.28 -0.56 0.00	32.27 -0.64 0.00	28.39 -0.75 0.00	25.77 -0.58 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.57 -0.15 0.00	23.31 -0.19 0.00	21.53 -0.17 0.00	24.45 -0.14 0.00	23.03 -0.14 0.00	32.83 -0.21 0.00	37.13 -0.14 0.00	30.21 -0.09 0.00	17.96 -0.08 0.00	15.57 -0.02 0.00	9.03 0.05 0.00	19.50 -0.16 0.00	8.02 -0.05 0.00	5.84 -0.05 0.00	8.12 -0.07 0.00	8.44 -0.11 0.00	24.39 -0.33 0.00	27.03 -0.31 0.00	35.80 -0.31 0.00	39.56 -0.23 0.00	50.49 -0.34 0.00	32.48 -0.43 0.00	28.58 -0.55 0.00	25.89 -0.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.27 -0.45 0.00	23.08 -0.41 0.00	21.31 -0.40 0.00	24.20 -0.40 0.00	22.78 -0.39 0.00	32.46 -0.59 0.00	36.64 -0.63 0.00	29.91 -0.39 0.00	17.85 -0.19 0.00	15.52 -0.08 0.00	9.02 0.04 0.00	19.45 -0.22 0.00	7.99 -0.07 0.00	5.81 -0.07 0.00	8.08 -0.11 0.00	8.41 -0.15 0.00	24.28 -0.44 0.00	26.49 -0.54 0.00	34.38 -0.72 0.00	39.08 -0.70 0.00	49.90 -0.94 0.00	32.05 -0.85 0.00	28.20 -0.93 0.00	25.60 -0.75 0.00
STA_56____34_KV_BUS2 355983	31.27 -0.45 0.00	23.08 -0.41 0.00	21.31 -0.40 0.00	24.20 -0.40 0.00	22.78 -0.39 0.00	32.46 -0.59 0.00	36.64 -0.63 0.00	29.91 -0.39 0.00	17.85 -0.19 0.00	15.52 -0.08 0.00	9.02 0.04 0.00	19.45 -0.22 0.00	7.99 -0.07 0.00	5.81 -0.07 0.00	8.08 -0.11 0.00	8.41 -0.15 0.00	24.28 -0.44 0.00	26.49 -0.54 0.00	34.38 -0.72 0.00	39.08 -0.70 0.00	49.90 -0.94 0.00	32.05 -0.85 0.00	28.20 -0.93 0.00	25.60 -0.75 0.00
STA_67____115KV_BK2 355882	31.43 -0.29 0.00	23.20 -0.30 0.00	21.41 -0.29 0.00	24.32 -0.27 0.00	22.88 -0.29 0.00	32.61 -0.44 0.00	36.80 -0.47 0.00	30.05 -0.25 0.00	17.94 -0.10 0.00	15.60 0.01 0.00	9.08 0.10 0.00	19.55 -0.12 0.00	8.04 -0.03 0.00	5.84 -0.05 0.00	8.11 -0.08 0.00	8.45 -0.10 0.00	24.40 -0.32 0.00	26.60 -0.42 0.00	34.49 -0.57 0.00	39.27 -0.52 0.00	50.15 -0.68 0.00	32.21 -0.70 0.00	28.34 -0.79 0.00	25.74 -0.61 0.00
STA_7____115KV_9TRANS 80674	31.62 -0.10 0.00	23.33 -0.16 0.00	21.53 -0.18 0.00	24.45 -0.14 0.00	23.01 -0.16 0.00	32.80 -0.25 0.00	37.04 -0.23 0.00	30.24 -0.06 0.00	18.05 0.00 0.00	15.69 0.10 0.00	9.13 0.15 0.00	19.66 -0.01 0.00	8.08 0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.50 -0.06 0.00	24.53 -0.19 0.00	26.75 -0.26 0.00	34.66 -0.37 0.00	39.54 -0.25 0.00	50.48 -0.35 0.00	32.41 -0.49 0.00	28.51 -0.63 0.00	25.87 -0.48 0.00
STA_82____115KV_TB1 80780	31.40 -0.32 0.00	23.17 -0.32 0.00	21.39 -0.31 0.00	24.30 -0.30 0.00	22.86 -0.31 0.00	32.58 -0.47 0.00	36.76 -0.51 0.00	30.02 -0.28 0.00	17.92 -0.12 0.00	15.58 -0.01 0.00	9.07 0.09 0.00	19.52 -0.14 0.00	8.03 -0.04 0.00	5.83 -0.05 0.00	8.10 -0.09 0.00	8.44 -0.12 0.00	24.35 -0.37 0.00	26.54 -0.48 0.00	34.43 -0.64 0.00	39.18 -0.60 0.00	50.05 -0.79 0.00	32.15 -0.76 0.00	28.28 -0.85 0.00	25.69 -0.66 0.00
STEEL____WIND 323596	31.31 -0.41 0.00	23.04 -0.45 0.00	21.28 -0.43 0.00	24.21 -0.38 0.00	22.71 -0.46 0.00	32.09 -0.95 0.00	36.11 -1.15 0.00	29.65 -0.64 0.00	17.87 -0.17 0.00	15.67 0.07 0.00	9.23 0.25 0.00	19.52 -0.15 0.00	8.07 0.01 0.00	5.85 -0.04 0.00	8.12 -0.06 0.00	8.44 -0.12 0.00	24.13 -0.59 0.00	26.01 -1.03 0.00	33.67 -1.45 0.00	38.39 -1.39 0.00	49.04 -1.79 0.00	31.28 -1.63 0.00	27.43 -1.70 0.00	25.01 -1.35 0.00
STEPHTWN_115KV_BK_2 55603	32.38 0.66 0.00	23.97 0.48 0.00	22.18 0.48 0.00	25.13 0.54 0.00	23.66 0.49 0.00	33.74 0.69 0.00	37.93 0.67 0.00	30.81 0.51 0.00	18.25 0.20 0.00	15.76 0.16 0.00	9.04 0.06 0.00	19.94 0.27 0.00	8.17 0.11 0.00	5.96 0.08 0.00	8.30 0.11 0.00	8.68 0.12 0.00	25.18 0.46 0.00	26.78 0.49 0.00	33.21 0.61 0.00	40.38 0.60 0.00	51.49 0.66 0.00	33.51 0.60 0.00	29.73 0.60 0.00	26.94 0.59 0.00
STEBEN_REC_LFGE 323667	31.91 0.18 0.00	23.51 0.02 0.00	21.81 0.11 0.00	24.89 0.29 0.00	23.40 0.23 0.00	33.32 0.27 0.00	37.76 0.50 0.00	30.57 0.27 0.00	18.02 -0.03 0.00	15.65 0.06 0.00	9.16 0.18 0.00	19.47 -0.20 0.00	8.08 0.01 0.00	5.84 -0.04 0.00	8.12 -0.07 0.00	8.39 -0.17 0.00	24.20 -0.52 0.00	26.96 -0.29 0.00	35.82 -0.05 0.00	40.15 0.37 0.00	51.10 0.27 0.00	32.79 -0.11 0.00	28.75 -0.38 0.00	25.86 -0.50 0.00
STILLWATER____SOLAR 323814	33.04 1.32 0.00	24.48 0.98 0.00	22.66 0.96 0.00	25.69 1.10 0.00	24.22 1.05 0.00	34.57 1.52 0.00	38.87 1.61 0.00	31.47 1.17 0.00	18.57 0.53 0.00	15.96 0.37 0.00	9.14 0.16 0.00	20.20 0.53 0.00	8.26 0.19 0.00	6.01 0.12 0.00	8.35 0.16 0.00	8.73 0.17 0.00	25.41 0.69 0.00	27.07 0.78 0.00	33.74 1.14 0.00	41.37 1.58 0.00	52.76 1.93 0.00	34.26 1.36 0.00	30.40 1.27 0.00	27.43 1.08 0.00

STONY___BROOK 24151	35.51 1.26 -2.53	24.36 0.87 0.00	22.37 0.67 0.00	25.28 0.69 0.00	23.87 0.70 0.00	34.31 1.26 0.00	38.83 1.56 0.00	32.88 1.31 -1.27	20.55 0.80 -1.71	16.32 0.60 -0.13	9.27 0.29 0.00	20.37 0.70 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.44 0.00	28.92 1.64 -2.56	28.19 1.85 -0.04	83.70 2.41 -48.70	105.41 2.72 -62.90	105.39 3.79 -50.78	69.02 2.44 -33.68	50.71 2.10 -19.47	31.84 1.79 -3.70
STURGEON_POOL_HYD 23609	32.38 0.66 0.00	23.96 0.47 0.00	22.12 0.41 0.00	25.03 0.44 0.00	23.58 0.41 0.00	33.69 0.64 0.00	38.05 0.79 0.00	31.02 0.73 0.00	18.57 0.52 0.00	16.04 0.45 0.00	9.21 0.23 0.00	20.27 0.60 0.00	8.33 0.26 0.00	6.09 0.21 0.00	8.53 0.34 0.00	8.94 0.38 0.00	25.87 1.15 0.00	27.53 1.24 0.00	34.11 1.52 0.00	41.30 1.52 0.00	53.02 2.19 0.00	34.40 1.49 0.00	30.39 1.26 0.00	27.38 1.03 0.00
ST_LAW_115_BK7_LBMP 345037	31.59 -0.13 0.00	23.42 -0.07 0.00	21.62 -0.08 0.00	24.49 -0.10 0.00	23.08 -0.09 0.00	32.95 -0.10 0.00	37.19 -0.08 0.00	30.29 -0.01 0.00	18.08 0.04 0.00	15.60 0.01 0.00	9.00 0.02 0.00	19.66 -0.01 0.00	8.04 -0.03 0.00	5.86 -0.02 0.00	8.15 -0.04 0.00	8.52 -0.04 0.00	24.63 -0.09 0.00	26.15 -0.14 0.00	32.35 -0.24 0.00	39.65 -0.13 0.00	50.77 -0.07 0.00	32.78 -0.13 0.00	29.02 -0.11 0.00	26.26 -0.10 0.00
ST_LAW_115_BK8_LBMP 345038	31.59 -0.13 0.00	23.42 -0.07 0.00	21.62 -0.08 0.00	24.49 -0.10 0.00	23.08 -0.09 0.00	32.95 -0.10 0.00	37.19 -0.08 0.00	30.29 -0.01 0.00	18.08 0.04 0.00	15.60 0.01 0.00	9.00 0.02 0.00	19.66 -0.01 0.00	8.04 -0.03 0.00	5.86 -0.02 0.00	8.15 -0.04 0.00	8.52 -0.04 0.00	24.63 -0.09 0.00	26.15 -0.14 0.00	32.35 -0.24 0.00	39.65 -0.13 0.00	50.77 -0.07 0.00	32.78 -0.13 0.00	29.02 -0.11 0.00	26.26 -0.10 0.00
ST_LAW_230_BK5_LBMP 345035	31.62 -0.10 0.00	23.44 -0.05 0.00	21.64 -0.07 0.00	24.51 -0.08 0.00	23.09 -0.08 0.00	32.97 -0.07 0.00	37.22 -0.04 0.00	30.32 0.02 0.00	18.10 0.06 0.00	15.61 0.02 0.00	9.01 0.03 0.00	19.67 0.01 0.00	8.05 -0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.53 -0.03 0.00	24.65 -0.07 0.00	26.19 -0.10 0.00	32.40 -0.20 0.00	39.69 -0.09 0.00	50.82 -0.01 0.00	32.81 -0.10 0.00	29.05 -0.08 0.00	26.28 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	31.62 -0.10 0.00	23.44 -0.05 0.00	21.64 -0.07 0.00	24.51 -0.08 0.00	23.09 -0.08 0.00	32.97 -0.07 0.00	37.22 -0.04 0.00	30.32 0.02 0.00	18.10 0.06 0.00	15.61 0.02 0.00	9.01 0.03 0.00	19.67 0.01 0.00	8.05 -0.02 0.00	5.87 -0.02 0.00	8.15 -0.04 0.00	8.53 -0.03 0.00	24.65 -0.07 0.00	26.19 -0.10 0.00	32.40 -0.20 0.00	39.69 -0.09 0.00	50.82 -0.01 0.00	32.81 -0.10 0.00	29.05 -0.08 0.00	26.28 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.35 0.62 0.00	23.95 0.45 0.00	22.11 0.40 0.00	25.03 0.44 0.00	23.58 0.41 0.00	33.67 0.62 0.00	38.03 0.76 0.00	30.96 0.66 0.00	18.50 0.46 0.00	15.99 0.40 0.00	9.19 0.21 0.00	20.24 0.57 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.51 0.32 0.00	8.92 0.36 0.00	25.81 1.09 0.00	27.46 1.17 0.00	34.04 1.45 0.00	41.22 1.44 0.00	52.91 2.08 0.00	34.36 1.45 0.00	30.34 1.21 0.00	27.36 1.00 0.00
SWANROAD_115KV_TB1 355699	30.57 -1.15 0.00	22.56 -0.94 0.00	20.82 -0.89 0.00	23.67 -0.92 0.00	22.23 -0.94 0.00	31.30 -1.75 0.00	34.98 -2.28 0.00	28.80 -1.49 0.00	17.41 -0.63 0.00	15.30 -0.29 0.00	9.08 0.10 0.00	19.18 -0.49 0.00	7.93 -0.15 0.00	5.74 -0.14 0.00	7.96 -0.23 0.00	8.27 -0.28 0.00	23.51 -1.21 0.00	25.21 -1.81 -0.73	32.39 -2.68 -2.48	36.93 -2.85 0.00	47.16 -3.67 0.00	30.13 -2.78 0.00	26.53 -2.60 0.00	24.42 -1.94 0.00
SYNERGY___BIOGAS 323694	31.79 0.07 0.00	23.44 -0.05 0.00	21.63 -0.08 0.00	24.59 0.00 0.00	23.14 -0.03 0.00	32.81 -0.24 0.00	37.11 -0.15 0.00	30.40 0.10 0.00	18.05 0.00 0.00	15.67 0.08 0.00	9.19 0.21 0.00	19.53 -0.14 0.00	8.02 -0.05 0.00	5.82 -0.07 0.00	8.07 -0.12 0.00	8.39 -0.16 0.00	24.12 -0.60 0.00	26.29 -0.74 -0.73	34.07 -1.01 -2.49	39.07 -0.71 0.00	50.02 -0.81 0.00	31.99 -0.92 0.00	28.08 -1.05 0.00	25.64 -0.71 0.00
SYRACUSE___ENERGY_ST1 323597	31.65 -0.07 0.00	23.41 -0.08 0.00	21.63 -0.08 0.00	24.53 -0.07 0.00	23.12 -0.06 0.00	32.95 -0.09 0.00	37.24 -0.02 0.00	30.21 -0.09 0.00	17.92 -0.12 0.00	15.49 -0.10 0.00	8.93 -0.05 0.00	19.50 -0.17 0.00	8.01 -0.06 0.00	5.84 -0.05 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.46 -0.26 0.00	28.31 -0.16 -2.18	39.88 -0.06 -7.35	39.72 -0.06 0.00	50.67 -0.16 0.00	32.72 -0.19 0.00	28.88 -0.25 0.00	26.14 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	31.65 -0.07 0.00	23.41 -0.08 0.00	21.63 -0.08 0.00	24.53 -0.07 0.00	23.12 -0.06 0.00	32.95 -0.09 0.00	37.24 -0.02 0.00	30.21 -0.09 0.00	17.92 -0.12 0.00	15.49 -0.10 0.00	8.93 -0.05 0.00	19.50 -0.17 0.00	8.01 -0.06 0.00	5.84 -0.05 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.46 -0.26 0.00	28.31 -0.16 -2.18	39.88 -0.06 -7.35	39.72 -0.06 0.00	50.67 -0.16 0.00	32.72 -0.19 0.00	28.88 -0.25 0.00	26.14 -0.21 0.00
SYRACUSE___POWER 24017	31.68 -0.04 0.00	23.42 -0.07 0.00	21.65 -0.06 0.00	24.54 -0.06 0.00	23.13 -0.04 0.00	33.00 -0.05 0.00	37.27 0.01 0.00	30.24 -0.05 0.00	17.93 -0.11 0.00	15.50 -0.09 0.00	8.94 -0.04 0.00	19.54 -0.13 0.00	8.02 -0.05 0.00	5.84 -0.04 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.47 -0.25 0.00	28.00 -0.16 -1.87	38.85 -0.05 -6.30	39.75 -0.03 0.00	50.72 -0.11 0.00	32.78 -0.13 0.00	28.94 -0.20 0.00	26.17 -0.18 0.00
TALLMAN__138KV_BK151 55660	32.41 0.69 0.00	24.00 0.50 0.00	22.15 0.44 0.00	25.07 0.48 0.00	23.61 0.44 0.00	33.71 0.67 0.00	38.10 0.83 0.00	31.02 0.73 0.00	18.55 0.50 0.00	16.05 0.46 0.00	9.23 0.25 0.00	20.34 0.68 0.00	8.35 0.29 0.00	6.11 0.23 0.00	8.56 0.37 0.00	8.97 0.42 0.00	25.97 1.26 0.00	27.62 1.33 0.00	34.21 1.61 0.00	41.38 1.60 0.00	53.12 2.29 0.00	34.49 1.59 0.00	30.45 1.31 0.00	27.46 1.11 0.00
TEALLAVE_115KV_TB7 355573	31.53 -0.20 0.00	23.32 -0.17 0.00	21.55 -0.15 0.00	24.42 -0.17 0.00	23.01 -0.16 0.00	32.84 -0.21 0.00	37.08 -0.18 0.00	30.10 -0.19 0.00	17.87 -0.18 0.00	15.45 -0.15 0.00	8.92 -0.06 0.00	19.48 -0.19 0.00	8.00 -0.07 0.00	5.83 -0.06 0.00	8.11 -0.08 0.00	8.45 -0.11 0.00	24.39 -0.33 0.00	27.92 -0.27 -1.89	38.77 -0.20 -6.38	39.55 -0.23 0.00	50.44 -0.39 0.00	32.60 -0.30 0.00	28.80 -0.34 0.00	26.05 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	31.24 -0.48 0.00	23.04 -0.46 0.00	21.26 -0.45 0.00	24.17 -0.42 0.00	22.71 -0.45 0.00	32.09 -0.95 0.00	36.14 -1.13 0.00	29.70 -0.60 0.00	17.81 -0.23 0.00	15.57 -0.02 0.00	9.17 0.19 0.00	19.44 -0.23 0.00	8.01 -0.06 0.00	5.81 -0.08 0.00	8.05 -0.14 0.00	8.37 -0.19 0.00	23.93 -0.79 0.00	25.87 -1.16 -0.73	33.38 -1.70 -2.48	38.15 -1.63 0.00	48.76 -2.08 0.00	31.15 -1.75 0.00	27.39 -1.74 0.00	25.09 -1.26 0.00

TEMPLE___115KV_TB 2 55572	31.53 -0.19 0.00	23.32 -0.17 0.00	21.55 -0.15 0.00	24.43 -0.16 0.00	23.02 -0.15 0.00	32.84 -0.21 0.00	37.08 -0.18 0.00	30.12 -0.18 0.00	17.88 -0.17 0.00	15.46 -0.13 0.00	8.92 -0.06 0.00	19.48 -0.18 0.00	8.00 -0.07 0.00	5.83 -0.06 0.00	8.12 -0.08 0.00	8.45 -0.10 0.00	24.41 -0.31 0.00	27.92 -0.25 -1.88	38.74 -0.18 -6.33	39.56 -0.22 0.00	50.45 -0.38 0.00	32.61 -0.30 0.00	28.80 -0.33 0.00	26.05 -0.30 0.00
TIANA___69_KV_BK 1 55817	35.94 1.71 -2.51	24.47 0.98 0.00	22.28 0.58 0.00	25.19 0.60 0.00	23.79 0.62 0.00	34.41 1.37 0.00	39.09 1.83 0.00	33.18 1.58 -1.30	20.73 0.93 -1.76	16.44 0.72 -0.13	9.35 0.37 0.00	20.53 0.87 0.00	8.38 0.32 0.00	6.13 0.25 0.00	8.61 0.42 0.00	9.05 0.49 0.00	28.99 1.72 -2.55	28.12 1.79 -0.04	84.30 2.75 -48.95	106.28 3.31 -63.19	106.48 4.55 -51.11	70.21 2.95 -34.35	51.15 2.63 -19.39	32.29 2.25 -3.69
TILDEN___115KV_TB1 80814	31.68 -0.04 0.00	23.42 -0.07 0.00	21.65 -0.06 0.00	24.54 -0.06 0.00	23.13 -0.04 0.00	33.00 -0.05 0.00	37.27 0.01 0.00	30.24 -0.05 0.00	17.93 -0.11 0.00	15.50 -0.09 0.00	8.94 -0.04 0.00	19.54 -0.13 0.00	8.02 -0.05 0.00	5.84 -0.04 0.00	8.13 -0.06 0.00	8.47 -0.08 0.00	24.47 -0.25 0.00	28.00 -0.16 -1.87	38.85 -0.05 -6.30	39.75 -0.03 0.00	50.72 -0.11 0.00	32.78 -0.13 0.00	28.94 -0.20 0.00	26.17 -0.18 0.00
TRIGEN___CC 323695	37.06 0.97 -4.37	24.16 0.67 0.00	22.24 0.54 0.00	25.15 0.56 0.00	23.71 0.54 0.00	33.93 0.88 0.00	38.31 1.04 0.00	31.17 0.87 0.00	18.65 0.60 0.00	16.09 0.50 0.00	9.25 0.27 0.00	20.35 0.68 0.00	8.34 0.27 0.00	6.10 0.21 0.00	8.56 0.37 0.00	9.00 0.44 0.00	30.64 1.48 -4.44	27.90 1.53 -0.07	93.57 1.83 -59.14	120.10 1.86 -78.45	111.02 2.71 -57.48	77.76 1.91 -42.95	64.52 1.70 -33.69	34.21 1.45 -6.41
TRINITY___115KV___ 4 BK 55933	32.17 0.45 0.00	23.81 0.31 0.00	22.03 0.32 0.00	24.96 0.37 0.00	23.49 0.32 0.00	33.47 0.42 0.00	37.58 0.31 0.00	30.54 0.24 0.00	18.13 0.08 0.00	15.66 0.07 0.00	8.99 0.01 0.00	19.85 0.18 0.00	8.14 0.07 0.00	5.94 0.06 0.00	8.27 0.08 0.00	8.64 0.09 0.00	25.07 0.35 0.00	26.61 0.32 0.00	32.95 0.35 0.00	40.03 0.25 0.00	51.02 0.19 0.00	33.22 0.31 0.00	29.52 0.39 0.00	26.75 0.40 0.00
UNION___PROCESSING_DRP 323587	31.40 -0.32 0.00	23.18 -0.31 0.00	21.40 -0.31 0.00	24.30 -0.30 0.00	22.87 -0.30 0.00	32.58 -0.46 0.00	36.77 -0.49 0.00	30.02 -0.27 0.00	17.92 -0.12 0.00	15.58 -0.01 0.00	9.07 0.09 0.00	19.53 -0.14 0.00	8.03 -0.04 0.00	5.83 -0.05 0.00	8.11 -0.09 0.00	8.44 -0.12 0.00	24.36 -0.37 0.00	26.56 -0.47 -0.73	34.45 -0.63 -2.49	39.19 -0.59 0.00	50.06 -0.78 0.00	32.16 -0.75 0.00	28.29 -0.85 0.00	25.69 -0.66 0.00
UPPER HUDSON___HYD 24058	33.15 1.42 0.00	24.57 1.08 0.00	22.77 1.06 0.00	25.84 1.25 0.00	24.36 1.19 0.00	34.84 1.80 0.00	39.24 1.97 0.00	31.77 1.47 0.00	18.68 0.63 0.00	16.02 0.43 0.00	9.13 0.14 0.00	20.17 0.50 0.00	8.24 0.17 0.00	5.98 0.09 0.00	8.31 0.12 0.00	8.67 0.12 0.00	25.30 0.58 0.00	26.90 0.60 0.00	33.63 1.04 0.00	41.42 1.64 0.00	52.90 2.07 0.00	34.40 1.49 0.00	30.52 1.39 0.00	27.51 1.16 0.00
UPPER RAQUET___HYD 24056	31.12 -0.60 0.00	23.12 -0.37 0.00	21.32 -0.38 0.00	24.14 -0.46 0.00	22.78 -0.39 0.00	32.57 -0.47 0.00	36.44 -0.82 0.00	29.38 -0.91 0.00	17.40 -0.64 0.00	14.97 -0.63 0.00	8.63 -0.36 0.00	18.84 -0.83 0.00	7.69 -0.38 0.00	5.60 -0.28 0.00	7.78 -0.41 0.00	8.13 -0.43 0.00	23.50 -1.22 0.00	25.43 -1.41 -0.55	32.96 -1.47 -1.84	38.56 -1.22 0.00	49.48 -1.35 0.00	31.90 -1.01 0.00	28.41 -0.72 0.00	25.69 -0.67 0.00
VALLEY44___115KV_TB2 355964	31.23 -0.49 0.00	22.97 -0.53 0.00	21.27 -0.43 0.00	24.23 -0.37 0.00	22.71 -0.46 0.00	32.20 -0.85 0.00	36.42 -0.84 0.00	29.77 -0.53 0.00	17.85 -0.20 0.00	15.61 0.02 0.00	9.15 0.17 0.00	19.48 -0.19 0.00	8.10 0.03 0.00	5.86 -0.03 0.00	8.17 -0.03 0.00	8.47 -0.09 0.00	24.30 -0.43 0.00	26.33 -0.73 -0.77	34.22 -0.98 -2.61	38.75 -1.04 0.00	49.47 -1.37 0.00	31.66 -1.25 0.00	27.76 -1.37 0.00	25.22 -1.13 0.00
VALLEY___115KV_TB 1-4 80826	32.65 0.93 0.00	24.15 0.66 0.00	22.35 0.65 0.00	25.31 0.71 0.00	23.87 0.70 0.00	34.03 0.98 0.00	38.22 0.96 0.00	30.74 0.44 0.00	17.96 -0.08 0.00	15.40 -0.19 0.00	8.81 -0.17 0.00	19.45 -0.21 0.00	7.94 -0.13 0.00	5.78 -0.11 0.00	8.00 -0.19 0.00	8.36 -0.19 0.00	24.32 -0.40 0.00	26.06 -0.23 0.00	32.77 0.17 0.00	40.55 0.76 0.00	51.99 1.16 0.00	33.78 0.88 0.00	30.07 0.94 0.00	27.08 0.73 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.14 2.41 0.00	25.26 1.77 0.00	23.37 1.67 0.00	26.52 1.93 0.00	25.08 1.91 0.00	36.10 3.05 0.00	40.89 3.63 0.00	32.82 2.53 0.00	19.17 1.13 0.00	16.43 0.84 0.00	9.50 0.52 0.00	20.73 1.06 0.00	8.47 0.40 0.00	6.14 0.26 0.00	8.50 0.31 0.00	8.85 0.30 0.00	25.70 0.98 0.00	28.61 1.60 -0.72	37.62 2.35 -2.67	42.00 2.22 0.00	52.91 2.08 0.00	34.32 1.41 0.00	30.29 1.16 0.00	27.32 0.97 0.00
VISCHER___FERRY HYD 24020	32.58 0.86 0.00	24.13 0.64 0.00	22.34 0.63 0.00	25.31 0.72 0.00	23.85 0.68 0.00	34.00 0.95 0.00	38.19 0.92 0.00	30.99 0.69 0.00	18.40 0.36 0.00	15.86 0.27 0.00	9.08 0.10 0.00	20.09 0.42 0.00	8.23 0.17 0.00	6.00 0.12 0.00	8.35 0.16 0.00	8.72 0.17 0.00	25.33 0.60 0.00	26.88 0.59 0.00	33.31 0.71 0.00	40.65 0.87 0.00	51.81 0.97 0.00	33.67 0.77 0.00	29.94 0.81 0.00	27.04 0.69 0.00
V_A_10_SYNC_DSASP 323832	30.96 -0.76 0.00	22.84 -0.66 0.00	21.08 -0.62 0.00	23.96 -0.63 0.00	22.51 -0.66 0.00	31.79 -1.25 0.00	35.75 -1.51 0.00	29.36 -0.93 0.00	17.69 -0.35 0.00	15.48 -0.11 0.00	9.09 0.11 0.00	19.35 -0.32 0.00	7.98 -0.09 0.00	5.79 -0.09 0.00	8.04 -0.15 0.00	8.36 -0.19 0.00	23.95 -0.77 0.00	25.80 -1.17 -0.68	33.21 -1.70 -2.31	38.01 -1.78 0.00	48.52 -2.31 0.00	31.07 -1.84 0.00	27.32 -1.81 0.00	24.97 -1.38 0.00
V_CMM_10_SYNC_DSASP 323787	31.82 0.09 0.00	23.61 0.12 0.00	21.80 0.09 0.00	24.69 0.09 0.00	23.27 0.09 0.00	33.23 0.19 0.00	37.51 0.24 0.00	30.52 0.23 0.00	18.21 0.17 0.00	15.71 0.12 0.00	9.06 0.08 0.00	19.81 0.14 0.00	8.10 0.03 0.00	5.90 0.02 0.00	8.20 0.01 0.00	8.58 0.02 0.00	24.80 0.08 0.00	26.33 0.03 0.00	32.57 -0.03 0.00	39.97 0.18 0.00	51.19 0.36 0.00	33.01 0.10 0.00	29.25 0.12 0.00	26.47 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	32.14 0.41 0.00	23.74 0.24 0.00	21.97 0.26 0.00	24.88 0.29 0.00	23.44 0.27 0.00	33.45 0.41 0.00	37.80 0.53 0.00	30.87 0.58 0.00	18.37 0.33 0.00	15.85 0.26 0.00	9.13 0.15 0.00	19.99 0.32 0.00	8.18 0.11 0.00	5.95 0.07 0.00	8.27 0.08 0.00	8.63 0.08 0.00	25.04 0.31 0.00	26.57 0.28 0.00	32.92 0.33 0.00	40.33 0.54 0.00	51.62 0.78 0.00	33.39 0.48 0.00	29.58 0.45 0.00	26.66 0.31 0.00



V_D_10_SYNC_DSASP 323841	31.81 0.08 0.00	23.62 0.12 0.00	21.80 0.10 0.00	24.69 0.10 0.00	23.27 0.10 0.00	33.24 0.19 0.00	37.48 0.22 0.00	30.48 0.18 0.00	18.19 0.15 0.00	15.69 0.10 0.00	9.05 0.07 0.00	19.77 0.10 0.00	8.08 0.02 0.00	5.89 0.01 0.00	8.18 -0.01 0.00	8.56 0.00 0.00	24.75 0.03 0.00	26.26 -0.03 0.00	32.53 -0.06 0.00	39.93 0.15 0.00	51.15 0.32 0.00	33.01 0.10 0.00	29.23 0.10 0.00	26.45 0.10 0.00
V_E_10_SYNC_DSASP 323830	34.11 2.38 0.00	25.23 1.73 0.00	23.37 1.66 0.00	26.55 1.96 0.00	25.12 1.95 0.00	36.13 3.09 0.00	40.98 3.72 0.00	32.80 2.50 0.00	18.90 0.86 0.00	16.07 0.48 0.00	9.27 0.29 0.00	20.13 0.46 0.00	8.28 0.22 0.00	5.98 0.10 0.00	8.30 0.11 0.00	8.62 0.06 0.00	24.96 0.24 0.00	28.12 0.85 -0.98	38.46 2.28 -3.59	43.34 3.55 0.00	55.29 4.46 0.00	35.56 2.65 0.00	31.16 2.03 0.00	27.90 1.54 0.00
V_F_30_NSYNC___DSASP 323816	33.08 1.36 0.00	24.51 1.01 0.00	22.69 0.98 0.00	25.72 1.13 0.00	24.24 1.07 0.00	34.61 1.56 0.00	38.91 1.64 0.00	31.52 1.23 0.00	18.61 0.56 0.00	15.99 0.40 0.00	9.16 0.18 0.00	20.24 0.57 0.00	8.27 0.21 0.00	6.02 0.13 0.00	8.37 0.18 0.00	8.75 0.19 0.00	25.45 0.73 0.00	27.12 0.83 0.00	33.81 1.21 0.00	41.45 1.66 0.00	52.86 2.03 0.00	34.31 1.40 0.00	30.44 1.31 0.00	27.47 1.12 0.00
V_F_30_SYNC_DSASP 323786	32.28 0.56 0.00	23.89 0.39 0.00	22.10 0.39 0.00	25.04 0.45 0.00	23.57 0.40 0.00	33.59 0.55 0.00	37.73 0.47 0.00	30.66 0.36 0.00	18.18 0.14 0.00	15.70 0.11 0.00	9.02 0.04 0.00	19.91 0.24 0.00	8.16 0.09 0.00	5.96 0.07 0.00	8.28 0.09 0.00	8.66 0.11 0.00	25.14 0.42 0.00	26.70 0.41 0.00	33.10 0.51 0.00	40.23 0.45 0.00	51.27 0.44 0.00	33.36 0.46 0.00	29.62 0.49 0.00	26.84 0.49 0.00
V_XM_10_SYNC_DSASP 323789	32.14 0.41 0.00	23.74 0.24 0.00	21.97 0.26 0.00	24.88 0.29 0.00	23.44 0.27 0.00	33.45 0.41 0.00	37.80 0.53 0.00	30.87 0.58 0.00	18.37 0.33 0.00	15.85 0.26 0.00	9.13 0.15 0.00	19.99 0.32 0.00	8.18 0.11 0.00	5.95 0.07 0.00	8.27 0.08 0.00	8.63 0.08 0.00	25.04 0.31 0.00	26.57 0.28 0.00	32.92 0.33 0.00	40.33 0.54 0.00	51.62 0.78 0.00	33.39 0.48 0.00	29.58 0.45 0.00	26.66 0.31 0.00
W.BABYLN_69_KV_BK1 56697	36.02 1.49 -2.81	24.49 1.00 0.00	22.51 0.81 0.00	25.44 0.85 0.00	24.00 0.84 0.00	34.45 1.40 0.00	38.94 1.67 0.00	31.98 1.36 -0.33	19.31 0.82 -0.44	16.25 0.63 -0.03	9.30 0.32 0.00	20.43 0.76 0.00	8.35 0.28 0.00	6.11 0.23 0.00	8.59 0.40 0.00	9.04 0.48 0.00	29.31 1.73 -2.85	28.26 1.92 -0.05	76.79 2.42 -41.77	97.45 2.69 -54.97	96.03 3.72 -41.48	65.52 2.51 -30.10	53.07 2.28 -21.66	32.41 1.94 -4.12
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.52 0.80 0.00	24.07 0.57 0.00	22.21 0.51 0.00	25.14 0.55 0.00	23.68 0.51 0.00	33.82 0.77 0.00	38.23 0.96 0.00	31.14 0.84 0.00	18.61 0.57 0.00	16.11 0.52 0.00	9.27 0.28 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.13 0.25 0.00	8.58 0.39 0.00	9.00 0.45 0.00	26.05 1.33 0.00	27.72 1.43 0.00	34.33 1.74 0.00	41.53 1.75 0.00	53.33 2.49 0.00	34.62 1.71 0.00	30.57 1.43 0.00	27.55 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.43 0.71 0.00	24.02 0.53 0.00	22.15 0.44 0.00	25.03 0.43 0.00	23.60 0.43 0.00	33.68 0.64 0.00	38.04 0.77 0.00	31.05 0.75 0.00	18.66 0.61 0.00	16.17 0.58 0.00	9.31 0.33 0.00	20.48 0.81 0.00	8.41 0.34 0.00	6.15 0.27 0.00	8.62 0.43 0.00	9.05 0.49 0.00	26.17 1.45 0.00	27.79 1.50 0.00	34.37 1.78 0.00	41.47 1.69 0.00	53.45 2.61 0.00	34.74 1.83 0.00	30.76 1.62 0.00	27.73 1.37 0.00
W50THST__13_KV_LOAD 356117	32.58 0.85 0.00	24.13 0.64 0.00	22.26 0.55 0.00	25.14 0.55 0.00	23.71 0.54 0.00	33.83 0.79 0.00	38.22 0.96 0.00	31.21 0.92 0.00	18.79 0.74 0.00	16.30 0.71 0.00	9.39 0.40 0.00	20.65 0.98 0.00	8.48 0.41 0.00	6.21 0.32 0.00	8.70 0.51 0.00	9.12 0.57 0.00	26.39 1.66 0.00	28.00 1.71 0.00	34.61 2.02 0.00	41.69 1.91 0.00	53.69 2.86 0.00	34.90 1.99 0.00	30.90 1.76 0.00	27.85 1.50 0.00
WADING RIVER_IC_1 23522	35.65 1.41 -2.51	24.38 0.89 0.00	22.32 0.61 0.00	25.22 0.62 0.00	23.81 0.64 0.00	34.29 1.24 0.00	38.84 1.58 0.00	32.93 1.33 -1.31	20.60 0.80 -1.76	16.31 0.59 -0.13	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.77 -0.04	83.99 2.42 -48.97	105.79 2.78 -63.22	105.86 3.89 -51.14	69.85 2.56 -34.38	50.81 2.30 -19.38	32.01 1.97 -3.69
WADING RIVER_IC_2 23547	35.65 1.41 -2.51	24.38 0.89 0.00	22.32 0.61 0.00	25.22 0.62 0.00	23.81 0.64 0.00	34.29 1.24 0.00	38.84 1.58 0.00	32.93 1.33 -1.31	20.60 0.80 -1.76	16.31 0.59 -0.13	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.77 -0.04	83.99 2.42 -48.97	105.79 2.78 -63.22	105.86 3.89 -51.14	69.85 2.56 -34.38	50.81 2.30 -19.38	32.01 1.97 -3.69
WADING RIVER_IC_3 23601	35.65 1.41 -2.51	24.38 0.89 0.00	22.32 0.61 0.00	25.22 0.62 0.00	23.81 0.64 0.00	34.29 1.24 0.00	38.84 1.58 0.00	32.93 1.33 -1.31	20.60 0.80 -1.76	16.31 0.59 -0.13	9.27 0.29 0.00	20.36 0.69 0.00	8.31 0.25 0.00	6.08 0.20 0.00	8.55 0.36 0.00	8.99 0.43 0.00	28.86 1.59 -2.55	28.10 1.77 -0.04	83.99 2.42 -48.97	105.79 2.78 -63.22	105.86 3.89 -51.14	69.85 2.56 -34.38	50.81 2.30 -19.38	32.01 1.97 -3.69
WALDENNY_12_KV_BK2 80841	31.30 -0.43 0.00	23.05 -0.45 0.00	21.29 -0.42 0.00	24.22 -0.37 0.00	22.73 -0.43 0.00	32.08 -0.96 0.00	36.09 -1.18 0.00	29.66 -0.64 0.00	17.89 -0.16 0.00	15.69 0.09 0.00	9.25 0.27 0.00	19.57 -0.10 0.00	8.10 0.03 0.00	5.86 -0.02 0.00	8.14 -0.05 0.00	8.46 -0.10 0.00	24.18 -0.54 0.00	26.08 -0.96 -0.74	33.65 -1.47 -2.52	38.38 -1.40 0.00	48.97 -1.86 0.00	31.25 -1.66 0.00	27.41 -1.72 0.00	25.03 -1.32 0.00
WALDEN___HYDRO 24148	32.52 0.79 0.00	24.07 0.57 0.00	22.22 0.51 0.00	25.15 0.56 0.00	23.69 0.53 0.00	33.84 0.80 0.00	38.24 0.98 0.00	31.14 0.84 0.00	18.59 0.55 0.00	16.05 0.46 0.00	9.22 0.24 0.00	20.29 0.62 0.00	8.33 0.27 0.00	6.09 0.21 0.00	8.53 0.34 0.00	8.94 0.38 0.00	25.88 1.16 0.00	27.56 1.27 0.00	34.19 1.59 0.00	41.47 1.69 0.00	53.27 2.44 0.00	34.57 1.67 0.00	30.53 1.39 0.00	27.51 1.16 0.00
WARRENSBURG____ 23737	33.15 1.42 0.00	24.57 1.08 0.00	22.77 1.06 0.00	25.84 1.25 0.00	24.36 1.19 0.00	34.85 1.80 0.00	39.23 1.97 0.00	31.77 1.48 0.00	18.67 0.63 0.00	16.02 0.43 0.00	9.13 0.14 0.00	20.17 0.50 0.00	8.24 0.17 0.00	5.98 0.09 0.00	8.31 0.12 0.00	8.67 0.12 0.00	25.30 0.58 0.00	26.90 0.60 0.00	33.63 1.03 0.00	41.42 1.64 0.00	52.90 2.07 0.00	34.40 1.49 0.00	30.52 1.39 0.00	27.51 1.16 0.00

WATERSIDE___6 8 9 23538	32.31 0.59 0.00	23.97 0.48 0.00	22.11 0.40 0.00	24.97 0.39 0.00	23.54 0.37 0.00	33.52 0.48 0.00	37.86 0.59 0.00	30.94 0.64 0.00	18.59 0.55 0.00	16.10 0.51 0.00	9.27 0.29 0.00	20.40 0.73 0.00	8.37 0.31 0.00	6.13 0.25 0.00	8.59 0.40 0.00	9.01 0.46 0.00	26.06 1.34 0.00	27.67 1.37 0.00	34.22 1.63 0.00	41.32 1.53 0.00	53.25 2.42 0.00	34.69 1.78 0.00	30.72 1.59 0.00	27.69 1.34 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.13 1.41 0.00	24.48 0.98 0.00	22.69 0.98 0.00	25.69 1.10 0.00	24.25 1.08 0.00	34.55 1.51 0.00	38.68 1.42 0.00	30.89 0.60 0.00	17.84 -0.20 0.00	15.21 -0.38 0.00	8.68 -0.30 0.00	19.25 -0.42 0.00	7.84 -0.23 0.00	5.69 -0.19 0.00	7.88 -0.31 0.00	8.21 -0.34 0.00	24.05 -0.67 0.00	25.90 -0.39 0.00	32.77 0.17 0.00	40.79 1.00 0.00	52.39 1.56 0.00	34.14 1.23 0.00	30.53 1.39 0.00	27.43 1.07 0.00
WDELAWARE___HYD 323627	32.47 0.75 0.00	24.04 0.54 0.00	22.19 0.48 0.00	25.13 0.53 0.00	23.69 0.52 0.00	33.85 0.81 0.00	38.29 1.03 0.00	31.16 0.86 0.00	18.58 0.54 0.00	16.00 0.40 0.00	9.17 0.19 0.00	20.16 0.49 0.00	8.28 0.21 0.00	6.06 0.17 0.00	8.47 0.28 0.00	8.88 0.33 0.00	25.73 1.01 0.00	27.50 1.21 0.00	34.23 1.63 0.00	41.61 1.83 0.00	53.47 2.64 0.00	34.68 1.77 0.00	30.57 1.44 0.00	27.52 1.16 0.00
WEST BABYLON___IC 23714	36.02 1.49 -2.81	24.49 1.00 0.00	22.51 0.81 0.00	25.44 0.85 0.00	24.00 0.84 0.00	34.45 1.40 0.00	38.94 1.67 0.00	31.98 1.36 -0.33	19.31 0.82 -0.44	16.25 0.63 -0.03	9.30 0.32 0.00	20.43 0.76 0.00	8.35 0.28 0.00	6.11 0.23 0.00	8.59 0.40 0.00	9.04 0.48 0.00	29.31 1.73 -2.85	28.26 1.92 -0.05	76.79 2.42 -41.77	97.45 2.69 -54.97	96.03 3.72 -41.48	65.52 2.51 -30.10	53.07 2.28 -21.66	32.41 1.94 -4.12
WEST CANADA___HYD 24049	31.76 0.03 0.00	23.51 0.02 0.00	21.73 0.02 0.00	24.62 0.02 0.00	23.19 0.02 0.00	33.08 0.03 0.00	37.26 0.00 0.00	30.29 0.00 0.00	18.01 -0.03 0.00	15.56 -0.03 0.00	8.96 -0.02 0.00	19.63 -0.04 0.00	8.05 -0.02 0.00	5.87 -0.01 0.00	8.18 -0.01 0.00	8.55 -0.01 0.00	24.70 -0.03 0.00	26.28 -0.01 0.00	32.62 0.02 0.00	39.80 0.01 0.00	50.83 0.00 0.00	32.95 0.04 0.00	29.17 0.04 0.00	26.38 0.03 0.00
WESTERN_NY_WIND 24143	31.75 0.03 0.00	23.42 -0.08 0.00	21.61 -0.10 0.00	24.56 -0.03 0.00	23.11 -0.06 0.00	32.76 -0.29 0.00	37.06 -0.20 0.00	30.38 0.08 0.00	18.04 0.00 0.00	15.66 0.07 0.00	9.19 0.21 0.00	19.52 -0.15 0.00	8.02 -0.05 0.00	5.81 -0.07 0.00	8.07 -0.12 0.00	8.39 -0.17 0.00	24.10 -0.63 0.00	26.25 -0.78 -0.73	34.00 -1.08 -2.49	39.01 -0.78 0.00	49.93 -0.90 0.00	31.93 -0.98 0.00	28.03 -1.11 0.00	25.61 -0.74 0.00
WESTOVER___LESR 323668	31.99 0.26 0.00	23.65 0.15 0.00	21.87 0.16 0.00	24.79 0.20 0.00	23.36 0.19 0.00	33.32 0.27 0.00	37.65 0.38 0.00	30.55 0.25 0.00	18.13 0.09 0.00	15.68 0.09 0.00	9.05 0.07 0.00	19.73 0.07 0.00	8.13 0.06 0.00	5.92 0.04 0.00	8.24 0.05 0.00	8.59 0.04 0.00	24.80 0.08 0.00	27.42 0.18 -0.95	36.25 0.40 -3.25	40.24 0.46 0.00	51.30 0.46 0.00	33.18 0.28 0.00	29.29 0.15 0.00	26.46 0.11 0.00
WETHRSFD_WT_PWR 323626	31.30 -0.42 0.00	23.03 -0.46 0.00	21.31 -0.39 0.00	24.25 -0.34 0.00	22.78 -0.39 0.00	32.25 -0.80 0.00	36.34 -0.93 0.00	29.57 -0.73 0.00	17.64 -0.41 0.00	15.43 -0.16 0.00	9.08 0.09 0.00	19.24 -0.43 0.00	7.98 -0.09 0.00	5.78 -0.11 0.00	8.03 -0.16 0.00	8.32 -0.23 0.00	23.90 -0.82 0.00	26.11 -0.98 -0.79	34.07 -1.24 -2.71	38.66 -1.12 0.00	49.37 -1.47 0.00	31.57 -1.34 0.00	27.66 -1.47 0.00	24.94 -1.41 0.00
WHAVSTOR_138KV_BK127 55557	32.37 0.65 0.00	23.97 0.47 0.00	22.12 0.41 0.00	25.04 0.45 0.00	23.58 0.41 0.00	33.67 0.63 0.00	38.04 0.78 0.00	30.99 0.69 0.00	18.53 0.48 0.00	16.03 0.44 0.00	9.22 0.24 0.00	20.32 0.65 0.00	8.34 0.28 0.00	6.10 0.22 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.93 1.21 0.00	27.57 1.28 0.00	34.15 1.55 0.00	41.30 1.52 0.00	53.05 2.22 0.00	34.45 1.54 0.00	30.42 1.29 0.00	27.44 1.09 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.37 0.65 0.00	23.97 0.47 0.00	22.12 0.41 0.00	25.04 0.45 0.00	23.58 0.41 0.00	33.67 0.63 0.00	38.04 0.78 0.00	30.99 0.69 0.00	18.53 0.48 0.00	16.03 0.44 0.00	9.22 0.24 0.00	20.32 0.65 0.00	8.34 0.28 0.00	6.10 0.22 0.00	8.54 0.35 0.00	8.96 0.40 0.00	25.93 1.21 0.00	27.57 1.28 0.00	34.15 1.55 0.00	41.30 1.52 0.00	53.05 2.22 0.00	34.45 1.54 0.00	30.42 1.29 0.00	27.44 1.09 0.00
WHITEHAL_115KV_TB1 80871	33.44 1.72 0.00	24.91 1.41 0.00	23.21 1.50 0.00	26.29 1.70 0.00	24.78 1.61 0.00	35.59 2.55 0.00	39.90 2.64 0.00	32.48 2.18 0.00	19.03 0.99 0.00	16.33 0.74 0.00	9.22 0.24 0.00	20.43 0.76 0.00	8.33 0.26 0.00	6.02 0.14 0.00	8.39 0.19 0.00	8.72 0.17 0.00	25.69 0.97 0.00	26.94 0.65 0.00	33.77 1.18 0.00	41.97 2.19 0.00	53.33 2.50 0.00	34.69 1.78 0.00	30.84 1.70 0.00	27.67 1.32 0.00
WHITEPLN_13_KV_LOAD 356215	32.69 0.96 0.00	24.19 0.70 0.00	22.31 0.61 0.00	25.24 0.65 0.00	23.78 0.61 0.00	33.99 0.94 0.00	38.42 1.15 0.00	31.32 1.03 0.00	18.75 0.71 0.00	16.22 0.63 0.00	9.33 0.35 0.00	20.53 0.86 0.00	8.43 0.36 0.00	6.17 0.28 0.00	8.63 0.44 0.00	9.06 0.50 0.00	26.24 1.51 0.00	27.90 1.61 0.00	34.57 1.98 0.00	41.78 2.00 0.00	53.69 2.86 0.00	34.87 1.96 0.00	30.82 1.69 0.00	27.77 1.42 0.00
WM_FLOYD_69_KV_BK2 356380	35.66 1.42 -2.52	24.40 0.90 0.00	22.35 0.64 0.00	25.26 0.67 0.00	23.84 0.68 0.00	34.31 1.27 0.00	38.85 1.59 0.00	32.92 1.34 -1.29	20.58 0.79 -1.74	16.30 0.58 -0.13	9.26 0.28 0.00	20.34 0.67 0.00	8.31 0.24 0.00	6.08 0.19 0.00	8.54 0.35 0.00	8.98 0.43 0.00	28.87 1.59 -2.56	28.11 1.78 -0.04	83.82 2.39 -48.83	105.59 2.75 -63.06	105.63 3.85 -50.95	69.68 2.54 -34.23	50.85 2.29 -19.42	32.01 1.96 -3.70
WOODARD___115KV_TB2 355635	31.47 -0.25 0.00	23.29 -0.20 0.00	21.51 -0.19 0.00	24.39 -0.20 0.00	22.98 -0.19 0.00	32.78 -0.27 0.00	37.03 -0.24 0.00	30.06 -0.24 0.00	17.84 -0.20 0.00	15.42 -0.17 0.00	8.90 -0.08 0.00	19.44 -0.23 0.00	7.98 -0.09 0.00	5.82 -0.07 0.00	8.10 -0.09 0.00	8.43 -0.12 0.00	24.35 -0.37 0.00	28.10 -0.31 -2.11	39.47 -0.25 -7.12	39.49 -0.29 0.00	50.36 -0.47 0.00	32.55 -0.36 0.00	28.75 -0.38 0.00	26.02 -0.33 0.00
YORK___WARBASSE 23770	32.45 0.73 0.00	24.06 0.57 0.00	22.17 0.47 0.00	25.05 0.46 0.00	23.60 0.43 0.00	33.62 0.57 0.00	37.97 0.71 0.00	31.02 0.72 0.00	18.62 0.57 0.00	16.12 0.52 0.00	9.28 0.30 0.00	20.41 0.74 0.00	8.38 0.31 0.00	6.14 0.26 0.00	8.61 0.42 0.00	9.03 0.48 0.00	26.10 1.38 0.00	27.73 1.44 0.00	34.34 1.75 0.00	41.48 1.70 0.00	53.45 2.62 0.00	34.83 1.93 0.00	30.81 1.68 0.00	27.76 1.41 0.00