

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/06/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	34.73	33.02	24.48	21.51	22.46	25.51	26.88	39.77	32.67	26.88	25.66	25.09	24.42	21.15	20.41	23.08	22.50	25.25	34.19	39.28	33.81	42.94	34.45	34.69
24138	1.81	1.77	1.26	1.18	1.12	1.33	1.64	2.37	2.15	1.63	1.61	1.62	1.55	1.27	1.25	1.45	1.42	1.61	2.10	2.69	2.39	2.99	2.09	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.76	33.05	24.50	21.53	22.47	25.53	26.89	39.79	32.68	26.88	25.66	25.10	24.42	21.15	20.40	23.06	22.50	25.25	34.19	39.30	33.82	42.94	34.44	34.69
24260	1.84	1.79	1.27	1.19	1.13	1.36	1.66	2.39	2.17	1.63	1.61	1.62	1.55	1.27	1.24	1.44	1.42	1.61	2.10	2.71	2.40	3.00	2.09	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.76	33.05	24.50	21.53	22.47	25.53	26.89	39.79	32.68	26.88	25.66	25.10	24.42	21.15	20.40	23.06	22.50	25.25	34.19	39.30	33.82	42.94	34.44	34.69
24261	1.84	1.79	1.27	1.19	1.13	1.36	1.66	2.39	2.17	1.63	1.61	1.62	1.55	1.27	1.24	1.44	1.42	1.61	2.10	2.71	2.40	3.00	2.09	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.91	32.14	23.76	20.88	22.00	24.97	26.17	38.87	31.70	26.14	24.93	24.14	23.52	20.62	19.83	22.28	21.82	24.59	33.56	38.43	32.98	41.83	33.45	33.66
24011	0.99	0.89	0.54	0.54	0.66	0.80	0.93	1.47	1.19	0.90	0.87	0.66	0.65	0.75	0.67	0.65	0.75	0.95	1.48	1.84	1.56	1.88	1.10	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.14	32.30	23.85	20.96	22.14	25.14	26.35	39.18	31.92	26.32	25.11	24.24	23.63	20.78	19.97	22.39	21.93	24.72	33.82	38.73	33.24	42.15	33.60	33.79
23798	1.22	1.04	0.63	0.63	0.80	0.97	1.11	1.78	1.41	1.08	1.06	0.76	0.76	0.91	0.81	0.76	0.86	1.09	1.73	2.14	1.82	2.21	1.25	1.01
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.91	32.14	23.76	20.88	22.00	24.97	26.17	38.87	31.70	26.14</														

ALBANY___2 23572	32.70 -0.23 0.00	31.08 -0.18 0.00	23.04 -0.18 0.00	20.23 -0.11 0.00	21.20 -0.14 0.00	24.04 -0.13 0.00	25.18 -0.05 0.00	37.40 0.00 0.00	30.58 0.06 0.00	25.23 -0.02 0.00	24.05 -0.01 0.00	23.47 -0.01 0.00	22.82 -0.05 0.00	19.86 -0.02 0.00	19.16 0.00 0.00	21.62 -0.01 0.00	21.09 0.02 0.00	23.76 0.13 0.00	32.20 0.11 0.00	36.85 0.27 0.00	31.65 0.23 0.00	40.16 0.22 0.00	32.37 0.02 0.00	32.66 -0.12 0.00
ALBANY___3 23573	32.70 -0.23 0.00	31.08 -0.18 0.00	23.04 -0.18 0.00	20.23 -0.11 0.00	21.20 -0.14 0.00	24.04 -0.13 0.00	25.18 -0.05 0.00	37.40 0.00 0.00	30.58 0.06 0.00	25.23 -0.02 0.00	24.05 -0.01 0.00	23.47 -0.01 0.00	22.82 -0.05 0.00	19.86 -0.02 0.00	19.16 0.00 0.00	21.62 -0.01 0.00	21.09 0.02 0.00	23.76 0.13 0.00	32.20 0.11 0.00	36.85 0.27 0.00	31.65 0.23 0.00	40.16 0.22 0.00	32.37 0.02 0.00	32.66 -0.12 0.00
ALBANY___4 23574	32.70 -0.23 0.00	31.08 -0.18 0.00	23.04 -0.18 0.00	20.23 -0.11 0.00	21.20 -0.14 0.00	24.04 -0.13 0.00	25.18 -0.05 0.00	37.40 0.00 0.00	30.58 0.06 0.00	25.23 -0.02 0.00	24.05 -0.01 0.00	23.47 -0.01 0.00	22.82 -0.05 0.00	19.86 -0.02 0.00	19.16 0.00 0.00	21.62 -0.01 0.00	21.09 0.02 0.00	23.76 0.13 0.00	32.20 0.11 0.00	36.85 0.27 0.00	31.65 0.23 0.00	40.16 0.22 0.00	32.37 0.02 0.00	32.66 -0.12 0.00
ALBANY___LFGE 323615	33.02 0.09 0.00	31.37 0.12 0.00	23.27 0.05 0.00	20.42 0.08 0.00	21.40 0.06 0.00	24.27 0.10 0.00	25.42 0.18 0.00	37.75 0.35 0.00	30.85 0.34 0.00	25.46 0.21 0.00	24.27 0.22 0.00	23.68 0.21 0.00	23.03 0.16 0.00	20.06 0.18 0.00	19.34 0.18 0.00	21.82 0.20 0.00	21.30 0.23 0.00	24.00 0.36 0.00	32.51 0.42 0.00	37.22 0.64 0.00	31.96 0.54 0.00	40.56 0.62 0.00	32.67 0.31 0.00	32.95 0.17 0.00
ALCOA_PA_115KV_PL-6C 55860	33.34 0.42 0.00	31.67 0.42 0.00	23.55 0.32 0.00	20.57 0.23 0.00	21.68 0.34 0.00	24.61 0.44 0.00	25.49 0.25 0.00	37.80 0.40 0.00	30.65 0.14 0.00	25.54 0.29 0.00	24.35 0.30 0.00	23.77 0.29 0.00	23.25 0.38 0.00	20.21 0.33 0.00	19.44 0.29 0.00	21.95 0.32 0.00	21.32 0.25 0.00	23.82 0.19 0.00	32.48 0.39 0.00	36.75 0.16 0.00	31.43 0.02 0.00	40.05 0.10 0.00	32.77 0.42 0.00	33.35 0.57 0.00
ALCOA_RYNLDS___DRP 24188	33.34 0.42 0.00	31.67 0.42 0.00	23.55 0.32 0.00	20.57 0.23 0.00	21.68 0.34 0.00	24.61 0.44 0.00	25.49 0.25 0.00	37.80 0.40 0.00	30.65 0.14 0.00	25.54 0.29 0.00	24.35 0.30 0.00	23.77 0.29 0.00	23.25 0.38 0.00	20.21 0.33 0.00	19.44 0.29 0.00	21.95 0.32 0.00	21.32 0.25 0.00	23.82 0.19 0.00	32.48 0.39 0.00	36.75 0.16 0.00	31.43 0.02 0.00	40.05 0.10 0.00	32.77 0.42 0.00	33.35 0.57 0.00
ALCOA___DSASP 323711	33.34 0.42 0.00	31.67 0.42 0.00	23.55 0.32 0.00	20.57 0.23 0.00	21.68 0.34 0.00	24.61 0.44 0.00	25.49 0.25 0.00	37.80 0.40 0.00	30.65 0.14 0.00	25.54 0.29 0.00	24.35 0.30 0.00	23.77 0.29 0.00	23.25 0.38 0.00	20.21 0.33 0.00	19.44 0.29 0.00	21.95 0.32 0.00	21.32 0.25 0.00	23.82 0.19 0.00	32.48 0.39 0.00	36.75 0.17 0.00	31.43 0.02 0.00	40.05 0.10 0.00	32.77 0.42 0.00	33.35 0.57 0.00
ALLEGHENY___COGEN 23514	33.98 1.06 0.00	32.16 0.91 0.00	23.83 0.61 0.00	20.70 0.36 0.00	21.76 0.42 0.00	24.54 0.37 0.00	25.63 0.40 0.00	37.83 0.43 0.00	31.13 0.61 0.00	25.56 0.31 0.00	23.94 -0.11 0.00	23.17 -0.31 0.00	22.30 -0.57 0.00	19.30 -0.57 0.00	18.56 -0.60 0.00	20.92 -0.70 0.00	20.34 -0.73 0.00	22.77 -0.86 0.00	30.91 -1.17 0.00	36.90 0.32 0.00	32.33 0.91 0.00	41.14 1.20 0.00	32.89 0.53 0.00	33.52 0.75 0.00
ALTAMONT_115KV_TB 2 55880	33.27 0.36 0.00	31.62 0.36 0.00	23.46 0.23 0.00	20.57 0.24 0.00	21.57 0.22 0.00	24.45 0.28 0.00	25.60 0.37 0.00	37.96 0.56 0.00	31.03 0.52 0.00	25.59 0.35 0.00	24.39 0.34 0.00	23.81 0.33 0.00	23.15 0.28 0.00	20.14 0.26 0.00	19.42 0.26 0.00	21.92 0.29 0.00	21.37 0.30 0.00	24.05 0.42 0.00	32.63 0.54 0.00	37.36 0.78 0.00	32.09 0.68 0.00	40.75 0.81 0.00	32.85 0.49 0.00	33.16 0.38 0.00
ALTONA_WT_PWR 323606	34.65 1.73 0.00	32.98 1.73 0.00	24.40 1.17 0.00	21.38 1.05 0.00	22.78 1.44 0.00	25.67 1.50 0.00	26.27 1.04 0.00	39.22 1.81 0.00	31.99 1.48 0.00	26.50 1.25 0.00	25.65 1.60 0.00	24.86 1.38 0.00	24.44 1.57 0.00	21.18 1.30 0.00	20.40 1.24 0.00	23.10 1.48 0.00	22.37 1.30 0.00	25.19 1.56 0.00	34.41 2.32 0.00	39.03 2.44 0.00	33.14 1.73 0.00	41.99 2.04 0.00	34.00 1.64 0.00	34.33 1.56 0.00
AMERICAN_REF_FUEL 24010	31.83 -1.09 0.00	30.27 -0.99 0.00	22.60 -0.62 0.00	19.53 -0.81 0.00	20.64 -0.70 0.00	23.07 -1.10 0.00	23.78 -1.46 0.00	34.74 -2.67 0.00	28.78 -1.73 0.00	23.70 -1.55 0.00	22.57 -1.48 0.00	21.98 -1.50 0.00	21.54 -1.33 0.00	18.70 -1.17 0.00	18.01 -1.15 0.00	20.23 -1.40 0.00	19.58 -1.49 0.00	21.68 -1.95 0.00	28.94 -3.14 0.00	33.50 -3.09 0.00	28.98 -2.43 0.00	36.90 -3.04 0.00	29.60 -2.75 0.00	30.46 -2.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.13 0.21 0.00	31.61 0.35 0.00	23.56 0.34 0.00	20.39 0.06 0.00	21.41 0.07 0.00	24.03 -0.14 0.00	25.10 -0.14 0.00	36.86 -0.54 0.00	30.53 0.02 0.00	24.96 -0.29 0.00	23.85 -0.20 0.00	23.33 -0.15 0.00	22.65 -0.21 0.00	19.54 -0.34 0.00	18.69 -0.47 0.00	21.09 -0.54 0.00	20.44 -0.63 0.00	22.78 -0.85 0.00	30.69 -1.40 0.00	35.90 -0.68 0.00	31.11 -0.31 0.00	39.66 -0.28 0.00	31.42 -0.94 0.00	31.98 -0.80 0.00
ARTHUR KILL_GT_1 23520	34.84 1.92 0.00	33.16 1.90 0.00	24.64 1.42 0.00	21.66 1.32 0.00	22.61 1.27 0.00	25.69 1.52 0.00	27.06 1.82 0.00	39.85 2.44 0.00	32.82 2.31 0.00	26.94 1.69 0.00	25.73 1.68 0.00	25.14 1.66 0.00	24.47 1.60 0.00	21.15 1.28 0.00	20.40 1.25 0.00	23.09 1.47 0.00	22.51 1.44 0.00	25.31 1.68 0.00	34.20 2.11 0.00	39.11 2.53 0.00	33.82 2.40 0.00	42.99 3.05 0.00	34.53 2.17 0.00	34.84 2.07 0.00
ARTHUR_KILL_2 23512	34.75 1.83 0.00	33.08 1.82 0.00	24.58 1.35 0.00	21.61 1.28 0.00	22.55 1.21 0.00	25.62 1.45 0.00	26.99 1.76 0.00	39.75 2.34 0.00	32.75 2.23 0.00	26.87 1.63 0.00	25.66 1.61 0.00	25.07 1.59 0.00	24.41 1.54 0.00	21.11 1.24 0.00	20.36 1.20 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.25 1.61 0.00	34.11 2.03 0.00	39.00 2.42 0.00	33.72 2.31 0.00	42.87 2.93 0.00	34.43 2.08 0.00	34.76 1.98 0.00
ARTHUR_KILL_3 23513	34.39 1.47 0.00	32.72 1.46 0.00	24.27 1.04 0.00	21.33 0.99 0.00	22.26 0.92 0.00	25.28 1.11 0.00	26.64 1.40 0.00	39.40 2.00 0.00	32.36 1.84 0.00	26.60 1.35 0.00	25.38 1.33 0.00	24.82 1.35 0.00	24.16 1.29 0.00	20.93 1.05 0.00	20.19 1.03 0.00	22.83 1.20 0.00	22.26 1.19 0.00	24.99 1.36 0.00	33.83 1.74 0.00	38.88 2.30 0.00	33.47 2.06 0.00	42.51 2.57 0.00	34.11 1.76 0.00	34.38 1.60 0.00

ARTHUR_KILL_COGEN 323718	34.84 1.92 0.00	33.16 1.90 0.00	24.64 1.42 0.00	21.66 1.32 0.00	22.61 1.27 0.00	25.69 1.52 0.00	27.06 1.82 0.00	39.85 2.44 0.00	32.82 2.31 0.00	26.94 1.69 0.00	25.73 1.68 0.00	25.14 1.66 0.00	24.47 1.60 0.00	21.15 1.28 0.00	20.40 1.25 0.00	23.09 1.47 0.00	22.51 1.44 0.00	25.31 1.68 0.00	34.20 2.11 0.00	39.11 2.53 0.00	33.82 2.40 0.00	42.99 3.05 0.00	34.53 2.17 0.00	34.84 2.07 0.00
ASHOKAN____ 23654	33.88 0.96 0.00	32.15 0.90 0.00	23.83 0.61 0.00	20.92 0.58 0.00	21.92 0.58 0.00	24.88 0.71 0.00	26.15 0.91 0.00	38.85 1.45 0.00	31.80 1.29 0.00	26.19 0.95 0.00	24.88 0.83 0.00	24.29 0.81 0.00	23.49 0.63 0.00	20.33 0.45 0.00	19.64 0.48 0.00	22.34 0.72 0.00	21.71 0.64 0.00	24.47 0.84 0.00	33.35 1.27 0.00	38.44 1.85 0.00	33.01 1.60 0.00	41.86 1.92 0.00	33.60 1.24 0.00	33.81 1.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.65 1.73 0.00	32.95 1.69 0.00	24.44 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.60 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.82 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.65 1.73 0.00	32.95 1.69 0.00	24.44 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.60 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.82 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT2_1 24094	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT2_2 24095	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT2_3 24096	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT2_4 24097	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT3_1 24098	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT3_2 24099	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT3_3 24100	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT3_4 24101	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT4_1 24102	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT4_2 24103	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT4_3 24104	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00

ASTORIA_GT4_4 24105	34.65 1.73 0.00	32.96 1.70 0.00	24.43 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.61 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.83 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA_GT_1 23523	34.70 1.78 0.00	33.01 1.75 0.00	24.48 1.25 0.00	21.49 1.16 0.00	22.44 1.09 0.00	25.50 1.33 0.00	26.86 1.63 0.00	39.73 2.32 0.00	32.66 2.15 0.00	26.84 1.60 0.00	25.62 1.57 0.00	25.03 1.56 0.00	24.36 1.50 0.00	21.10 1.22 0.00	20.35 1.19 0.00	23.02 1.39 0.00	22.45 1.38 0.00	25.20 1.57 0.00	34.12 2.03 0.00	39.17 2.58 0.00	33.75 2.33 0.00	42.90 2.95 0.00	34.39 2.03 0.00	34.64 1.87 0.00
ASTORIA_GT_10 24110	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.01 2.42 0.00	33.60 2.19 0.00	42.68 2.75 0.00	34.23 1.88 0.00	34.48 1.70 0.00
ASTORIA_GT_11 24225	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.01 2.42 0.00	33.60 2.19 0.00	42.68 2.75 0.00	34.23 1.88 0.00	34.48 1.70 0.00
ASTORIA_GT_12 24226	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.01 2.42 0.00	33.60 2.19 0.00	42.68 2.75 0.00	34.23 1.88 0.00	34.48 1.70 0.00
ASTORIA_GT_13 24227	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.01 2.42 0.00	33.60 2.19 0.00	42.68 2.75 0.00	34.23 1.88 0.00	34.48 1.70 0.00
ASTORIA_GT_5 24106	34.70 1.78 0.00	33.01 1.76 0.00	24.47 1.25 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.50 1.33 0.00	26.86 1.63 0.00	39.73 2.32 0.00	32.66 2.15 0.00	26.84 1.60 0.00	25.62 1.57 0.00	25.03 1.56 0.00	24.36 1.50 0.00	21.10 1.22 0.00	20.35 1.19 0.00	23.02 1.39 0.00	22.45 1.38 0.00	25.20 1.57 0.00	34.12 2.03 0.00	39.17 2.58 0.00	33.75 2.33 0.00	42.90 2.96 0.00	34.38 2.03 0.00	34.64 1.87 0.00
ASTORIA_GT_7 24107	34.70 1.78 0.00	33.01 1.76 0.00	24.47 1.25 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.50 1.33 0.00	26.86 1.63 0.00	39.73 2.32 0.00	32.66 2.15 0.00	26.84 1.60 0.00	25.62 1.57 0.00	25.03 1.56 0.00	24.36 1.50 0.00	21.10 1.22 0.00	20.35 1.19 0.00	23.02 1.39 0.00	22.45 1.38 0.00	25.20 1.57 0.00	34.12 2.03 0.00	39.17 2.58 0.00	33.75 2.33 0.00	42.90 2.96 0.00	34.38 2.03 0.00	34.64 1.87 0.00
ASTORIA_GT_8 24108	34.70 1.78 0.00	33.01 1.76 0.00	24.47 1.25 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.50 1.33 0.00	26.86 1.63 0.00	39.73 2.32 0.00	32.66 2.15 0.00	26.84 1.60 0.00	25.62 1.57 0.00	25.03 1.56 0.00	24.36 1.50 0.00	21.10 1.22 0.00	20.35 1.19 0.00	23.02 1.39 0.00	22.45 1.38 0.00	25.20 1.57 0.00	34.12 2.03 0.00	39.17 2.58 0.00	33.75 2.33 0.00	42.90 2.96 0.00	34.38 2.03 0.00	34.64 1.87 0.00
ASTORIA___2 24149	34.65 1.73 0.00	32.95 1.69 0.00	24.44 1.21 0.00	21.47 1.13 0.00	22.41 1.07 0.00	25.46 1.29 0.00	26.82 1.58 0.00	39.67 2.27 0.00	32.60 2.09 0.00	26.80 1.55 0.00	25.58 1.53 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.06 1.19 0.00	20.31 1.16 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.16 1.53 0.00	34.06 1.97 0.00	39.10 2.51 0.00	33.69 2.28 0.00	42.82 2.88 0.00	34.33 1.98 0.00	34.59 1.82 0.00
ASTORIA___3 23516	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.00 2.42 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.23 1.88 0.00	34.48 1.70 0.00
ASTORIA___4 23517	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.01 2.42 0.00	33.60 2.19 0.00	42.68 2.75 0.00	34.23 1.88 0.00	34.48 1.70 0.00
ASTORIA___5 23518	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.00 2.42 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.23 1.88 0.00	34.48 1.70 0.00
AST_ENERGY_2_CC3 323677	34.49 1.57 0.00	32.81 1.55 0.00	24.34 1.11 0.00	21.39 1.05 0.00	22.33 0.98 0.00	25.35 1.18 0.00	26.71 1.48 0.00	39.50 2.10 0.00	32.43 1.92 0.00	26.68 1.44 0.00	25.48 1.43 0.00	24.91 1.43 0.00	24.24 1.37 0.00	21.01 1.13 0.00	20.27 1.11 0.00	22.91 1.28 0.00	22.34 1.26 0.00	25.07 1.43 0.00	33.94 1.85 0.00	39.00 2.42 0.00	33.57 2.16 0.00	42.63 2.69 0.00	34.22 1.86 0.00	34.46 1.69 0.00
AST_ENERGY_2_CC4 323678	34.49 1.57 0.00	32.81 1.55 0.00	24.34 1.11 0.00	21.39 1.05 0.00	22.33 0.98 0.00	25.35 1.18 0.00	26.71 1.48 0.00	39.50 2.10 0.00	32.43 1.92 0.00	26.68 1.44 0.00	25.48 1.43 0.00	24.91 1.43 0.00	24.24 1.37 0.00	21.01 1.13 0.00	20.27 1.11 0.00	22.91 1.28 0.00	22.34 1.26 0.00	25.07 1.43 0.00	33.94 1.85 0.00	39.00 2.42 0.00	33.57 2.16 0.00	42.63 2.69 0.00	34.22 1.86 0.00	34.46 1.69 0.00

ATHENS_STG_1 23668	33.61 0.69 0.00	31.94 0.68 0.00	23.71 0.48 0.00	20.80 0.47 0.00	21.78 0.44 0.00	24.71 0.54 0.00	25.92 0.68 0.00	38.38 0.98 0.00	31.40 0.89 0.00	25.87 0.62 0.00	24.68 0.63 0.00	24.11 0.63 0.00	23.45 0.58 0.00	20.36 0.48 0.00	19.64 0.48 0.00	22.19 0.56 0.00	21.63 0.56 0.00	24.31 0.68 0.00	32.97 0.88 0.00	37.79 1.20 0.00	32.49 1.08 0.00	41.26 1.32 0.00	33.20 0.84 0.00	33.50 0.72 0.00
ATHENS_STG_2 23670	33.61 0.69 0.00	31.94 0.68 0.00	23.71 0.48 0.00	20.80 0.47 0.00	21.78 0.44 0.00	24.71 0.54 0.00	25.92 0.68 0.00	38.38 0.98 0.00	31.40 0.89 0.00	25.87 0.62 0.00	24.68 0.63 0.00	24.11 0.63 0.00	23.45 0.58 0.00	20.36 0.48 0.00	19.64 0.48 0.00	22.19 0.56 0.00	21.63 0.56 0.00	24.31 0.68 0.00	32.97 0.88 0.00	37.79 1.20 0.00	32.49 1.08 0.00	41.26 1.32 0.00	33.20 0.84 0.00	33.50 0.72 0.00
ATHENS_STG_3 23677	33.61 0.69 0.00	31.94 0.68 0.00	23.71 0.48 0.00	20.80 0.47 0.00	21.78 0.44 0.00	24.71 0.54 0.00	25.92 0.68 0.00	38.38 0.98 0.00	31.40 0.89 0.00	25.87 0.62 0.00	24.68 0.63 0.00	24.11 0.63 0.00	23.45 0.58 0.00	20.36 0.48 0.00	19.64 0.48 0.00	22.19 0.56 0.00	21.63 0.56 0.00	24.31 0.68 0.00	32.97 0.88 0.00	37.79 1.20 0.00	32.49 1.08 0.00	41.26 1.32 0.00	33.20 0.84 0.00	33.50 0.72 0.00
AUBURN___LFGE 323710	32.97 0.05 0.00	31.27 0.01 0.00	23.22 0.00 0.00	20.32 -0.02 0.00	21.35 0.00 0.00	24.01 -0.15 0.00	25.16 -0.07 0.00	37.10 -0.30 0.00	30.51 -0.01 0.00	25.17 -0.08 0.00	23.90 -0.16 0.00	23.17 -0.31 0.00	22.61 -0.26 0.00	19.68 -0.20 0.00	18.95 -0.21 0.00	21.41 -0.21 0.00	20.88 -0.19 0.00	23.50 -0.14 0.00	31.78 -0.30 0.00	36.39 -0.19 0.00	31.34 -0.07 0.00	39.97 0.03 0.00	32.12 -0.24 0.00	32.61 -0.17 0.00
BABYLON_RES_REC 323704	34.85 1.93 0.00	33.22 1.96 0.00	25.35 1.53 -0.59	21.74 1.41 0.00	22.68 1.34 0.00	43.70 1.65 -17.88	51.70 1.96 -24.51	39.92 2.52 0.00	32.81 2.30 0.00	26.91 1.66 0.00	42.32 1.77 -16.49	27.09 1.79 -1.82	26.13 1.71 -1.55	22.29 1.35 -1.07	20.30 1.14 0.00	22.98 1.35 0.00	22.59 1.51 0.00	25.18 1.54 0.00	34.06 1.97 0.00	39.23 2.65 0.00	33.77 2.36 0.00	42.94 3.00 0.00	34.19 1.84 0.00	34.65 1.87 0.00
BABYLON__69_KV_BK2 356345	35.20 2.28 0.00	33.53 2.28 0.00	25.59 1.77 -0.59	21.97 1.63 0.00	22.91 1.57 0.00	43.97 1.92 -17.88	52.01 2.26 -24.51	40.33 2.93 0.00	33.16 2.64 0.00	27.19 1.94 0.00	42.60 2.05 -16.49	27.39 2.08 -1.82	26.40 1.97 -1.56	22.52 1.57 -1.07	20.49 1.33 0.00	23.22 1.59 0.00	22.85 1.78 0.00	25.45 1.82 0.00	34.43 2.34 0.00	39.68 3.09 0.00	34.16 2.75 0.00	43.44 3.50 0.00	34.56 2.21 0.00	35.01 2.23 0.00
BALL_HILL_WT_PWR 323825	32.88 -0.04 0.00	31.30 0.05 0.00	23.30 0.08 0.00	20.18 -0.16 0.00	21.24 -0.10 0.00	23.79 -0.37 0.00	24.76 -0.48 0.00	36.35 -1.05 0.00	30.06 -0.45 0.00	24.63 -0.62 0.00	23.51 -0.54 0.00	22.99 -0.50 0.00	22.39 -0.48 0.00	19.40 -0.48 0.00	18.63 -0.53 0.00	20.98 -0.65 0.00	20.31 -0.76 0.00	22.59 -1.04 0.00	30.32 -1.76 0.00	35.29 -1.29 0.00	30.54 -0.87 0.00	38.92 -1.03 0.00	30.99 -1.36 0.00	31.73 -1.05 0.00
BARON_WINDS___WT_PWR 323822	32.49 -0.43 0.00	30.77 -0.49 0.00	22.75 -0.48 0.00	19.81 -0.53 0.00	20.75 -0.59 0.00	23.50 -0.67 0.00	24.55 -0.69 0.00	36.24 -1.16 0.00	29.98 -0.53 0.00	24.78 -0.46 0.00	23.80 -0.25 0.00	23.13 -0.35 0.00	21.96 -0.91 0.00	18.99 -0.89 0.00	18.24 -0.92 0.00	20.63 -1.00 0.00	20.05 -1.02 0.00	22.52 -1.12 0.00	30.69 -1.40 0.00	35.99 -0.60 0.00	31.31 -0.11 0.00	39.90 -0.04 0.00	31.92 -0.44 0.00	32.55 -0.23 0.00
BARRETT_IC_1 23704	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_10 23701	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_11 23702	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_12 23703	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_2 23705	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_3 23706	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_4 23707	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00

BARRETT_IC_5 23708	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_6 23709	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_7 23710	34.60 1.68 0.00	32.94 1.68 0.00	25.12 1.30 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.51 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.40 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_8 23711	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT_IC_9 23700	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT___1 23545	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BARRETT___2 23546	34.59 1.67 0.00	32.95 1.69 0.00	25.12 1.31 -0.59	21.55 1.22 0.00	22.49 1.15 0.00	43.46 1.41 -17.88	51.37 1.62 -24.51	39.54 2.14 0.00	32.49 1.98 0.00	26.72 1.47 0.00	43.44 1.49 -17.90	33.21 1.50 -8.23	36.99 1.45 -12.67	33.71 1.17 -12.67	20.22 1.06 0.00	22.87 1.25 0.00	22.41 1.33 0.00	24.97 1.34 0.00	33.74 1.65 0.00	38.84 2.26 0.00	33.42 2.01 0.00	42.50 2.56 0.00	33.98 1.63 0.00	34.43 1.65 0.00
BATAVIA___115KV_TB1 55881	33.06 0.14 0.00	31.42 0.16 0.00	23.41 0.19 0.00	20.25 -0.08 0.00	21.38 0.04 0.00	23.94 -0.23 0.00	24.80 -0.44 0.00	36.35 -1.05 0.00	30.07 -0.44 0.00	24.69 -0.56 0.00	23.34 -0.71 0.00	22.61 -0.87 0.00	22.12 -0.75 0.00	19.21 -0.66 0.00	18.52 -0.63 0.00	20.80 -0.83 0.00	20.16 -0.91 0.00	22.39 -1.25 0.00	30.21 -1.87 0.00	35.16 -1.42 0.00	30.45 -0.96 0.00	38.72 -1.22 0.00	30.99 -1.37 0.00	31.78 -0.99 0.00
BAYONEEC___CTG1 323682	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG10 323750	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG2 323683	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG3 323684	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG4 323685	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG5 323686	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG6 323687	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00

BAYONEEC___CTG7 323688	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG8 323689	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BAYONEEC___CTG9 323749	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.49 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.93 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.18 0.00	42.67 2.73 0.00	34.25 1.89 0.00	34.50 1.72 0.00
BEACON___LESR 323632	33.04 0.12 0.00	31.38 0.13 0.00	23.26 0.04 0.00	20.43 0.09 0.00	21.43 0.09 0.00	24.29 0.12 0.00	25.47 0.23 0.00	37.84 0.44 0.00	30.92 0.41 0.00	25.51 0.26 0.00	24.31 0.26 0.00	23.73 0.25 0.00	23.14 0.27 0.00	20.07 0.20 0.00	19.36 0.20 0.00	21.91 0.29 0.00	21.34 0.27 0.00	24.04 0.40 0.00	32.67 0.57 0.00	37.30 0.71 0.00	32.01 0.59 0.00	40.64 0.70 0.00	32.74 0.38 0.00	33.00 0.22 0.00
BEAVER RIVER___HYD 24048	33.14 0.22 0.00	31.41 0.15 0.00	22.86 -0.37 0.00	19.93 -0.40 0.00	20.99 -0.35 0.00	23.83 -0.34 0.00	24.61 -0.63 0.00	36.41 -0.99 0.00	29.74 -0.78 0.00	24.63 -0.62 0.00	23.37 -0.68 0.00	23.01 -0.47 0.00	22.38 -0.48 0.00	19.45 -0.43 0.00	18.76 -0.39 0.00	20.99 -0.64 0.00	20.41 -0.67 0.00	23.14 -0.49 0.00	32.32 0.23 0.00	37.26 0.68 0.00	32.13 0.72 0.00	40.85 0.91 0.00	32.96 0.60 0.00	33.29 0.52 0.00
BEEBEE_GT_13 23619	32.55 -0.37 0.00	30.90 -0.36 0.00	22.98 -0.24 0.00	19.96 -0.38 0.00	21.03 -0.31 0.00	23.62 -0.55 0.00	24.55 -0.69 0.00	36.14 -1.27 0.00	29.77 -0.74 0.00	24.54 -0.71 0.00	23.27 -0.78 0.00	22.64 -0.84 0.00	22.15 -0.72 0.00	19.25 -0.63 0.00	18.53 -0.63 0.00	20.85 -0.77 0.00	20.26 -0.81 0.00	22.58 -1.05 0.00	30.48 -1.61 0.00	35.20 -1.38 0.00	30.38 -1.03 0.00	38.62 -1.33 0.00	31.00 -1.36 0.00	31.66 -1.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.87 1.95 0.00	33.17 1.91 0.00	24.59 1.37 0.00	21.61 1.28 0.00	22.56 1.22 0.00	25.63 1.46 0.00	27.00 1.77 0.00	39.90 2.50 0.00	32.82 2.31 0.00	26.98 1.74 0.00	25.77 1.72 0.00	25.19 1.71 0.00	24.51 1.65 0.00	21.23 1.35 0.00	20.47 1.32 0.00	23.16 1.53 0.00	22.58 1.51 0.00	25.36 1.73 0.00	34.31 2.22 0.00	39.37 2.79 0.00	33.96 2.55 0.00	43.15 3.21 0.00	34.60 2.25 0.00	34.86 2.08 0.00
BETHLEHEM___GRP 23843	32.70 -0.23 0.00	31.08 -0.18 0.00	23.04 -0.18 0.00	20.23 -0.11 0.00	21.20 -0.14 0.00	24.04 -0.13 0.00	25.18 -0.05 0.00	37.40 0.00 0.00	30.58 0.06 0.00	25.23 -0.02 0.00	24.05 -0.01 0.00	23.47 -0.01 0.00	22.82 -0.05 0.00	19.86 -0.02 0.00	19.16 0.00 0.00	21.62 -0.01 0.00	21.09 0.02 0.00	23.76 0.13 0.00	32.20 0.11 0.00	36.85 0.27 0.00	31.65 0.23 0.00	40.16 0.22 0.00	32.37 0.02 0.00	32.66 -0.12 0.00
BETHLEHEM___GS1 323560	32.70 -0.23 0.00	31.08 -0.18 0.00	23.05 -0.18 0.00	20.23 -0.11 0.00	21.20 -0.14 0.00	24.04 -0.13 0.00	25.18 -0.05 0.00	37.40 0.00 0.00	30.58 0.06 0.00	25.23 -0.02 0.00	24.04 -0.01 0.00	23.46 -0.02 0.00	22.82 -0.05 0.00	19.86 -0.02 0.00	19.15 0.00 0.00	21.62 -0.01 0.00	21.09 0.02 0.00	23.76 0.13 0.00	32.20 0.11 0.00	36.86 0.27 0.00	31.65 0.23 0.00	40.17 0.22 0.00	32.37 0.02 0.00	32.66 -0.12 0.00
BETHLEHEM___GS2 323561	32.70 -0.23 0.00	31.08 -0.18 0.00	23.05 -0.18 0.00	20.23 -0.11 0.00	21.20 -0.14 0.00	24.04 -0.13 0.00	25.18 -0.05 0.00	37.40 0.00 0.00	30.58 0.06 0.00	25.23 -0.02 0.00	24.04 -0.01 0.00	23.46 -0.02 0.00	22.82 -0.05 0.00	19.86 -0.02 0.00	19.15 0.00 0.00	21.62 -0.01 0.00	21.09 0.02 0.00	23.76 0.13 0.00	32.20 0.11 0.00	36.86 0.27 0.00	31.65 0.23 0.00	40.17 0.22 0.00	32.37 0.02 0.00	32.66 -0.12 0.00
BETHLEHEM___GS3 323562	32.70 -0.23 0.00	31.08 -0.18 0.00	23.05 -0.18 0.00	20.23 -0.11 0.00	21.20 -0.14 0.00	24.04 -0.13 0.00	25.18 -0.05 0.00	37.40 0.00 0.00	30.58 0.06 0.00	25.23 -0.02 0.00	24.04 -0.01 0.00	23.46 -0.02 0.00	22.82 -0.05 0.00	19.86 -0.02 0.00	19.15 0.00 0.00	21.62 -0.01 0.00	21.09 0.02 0.00	23.76 0.13 0.00	32.20 0.11 0.00	36.86 0.27 0.00	31.65 0.23 0.00	40.17 0.22 0.00	32.37 0.02 0.00	32.66 -0.12 0.00
BETHLEHEM___STEEL 23779	32.83 -0.09 0.00	31.23 -0.03 0.00	23.25 0.03 0.00	20.10 -0.23 0.00	21.21 -0.13 0.00	23.73 -0.44 0.00	24.60 -0.64 0.00	36.10 -1.30 0.00	29.88 -0.64 0.00	24.55 -0.70 0.00	23.41 -0.64 0.00	22.81 -0.66 0.00	22.28 -0.58 0.00	19.34 -0.54 0.00	18.60 -0.56 0.00	20.92 -0.71 0.00	20.24 -0.83 0.00	22.47 -1.16 0.00	30.12 -1.98 0.00	34.96 -1.63 0.00	30.24 -1.17 0.00	38.50 -1.44 0.00	30.77 -1.58 0.00	31.61 -1.17 0.00
BETHLHEM_115KV_TB1 79974	32.82 -0.10 0.00	31.19 -0.06 0.00	23.14 -0.09 0.00	20.30 -0.04 0.00	21.28 -0.06 0.00	24.13 -0.04 0.00	25.28 0.04 0.00	37.53 0.12 0.00	30.67 0.16 0.00	25.31 0.06 0.00	24.12 0.07 0.00	23.54 0.06 0.00	22.89 0.02 0.00	19.92 0.04 0.00	19.22 0.06 0.00	21.69 0.06 0.00	21.15 0.08 0.00	23.83 0.19 0.00	32.29 0.21 0.00	36.96 0.38 0.00	31.74 0.33 0.00	40.29 0.34 0.00	32.47 0.11 0.00	32.77 -0.01 0.00
BETHPAGE_CC_5 323564	34.81 1.89 0.00	33.16 1.90 0.00	25.29 1.47 -0.59	21.70 1.36 0.00	22.63 1.29 0.00	43.63 1.58 -17.88	51.62 1.88 -24.51	39.85 2.45 0.00	32.75 2.24 0.00	26.89 1.64 0.00	42.34 1.75 -16.54	27.27 1.75 -2.04	26.46 1.68 -1.91	22.69 1.35 -1.47	20.31 1.15 0.00	23.00 1.38 0.00	22.58 1.51 0.00	25.15 1.52 0.00	34.01 1.92 0.00	39.15 2.57 0.00	33.70 2.28 0.00	42.83 2.88 0.00	34.14 1.79 0.00	34.58 1.80 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.97 0.05 0.00	31.37 0.11 0.00	23.36 0.13 0.00	20.19 -0.15 0.00	21.30 -0.04 0.00	23.83 -0.34 0.00	24.72 -0.52 0.00	36.29 -1.12 0.00	30.02 -0.49 0.00	24.67 -0.58 0.00	23.52 -0.53 0.00	22.93 -0.55 0.00	22.39 -0.48 0.00	19.42 -0.45 0.00	18.68 -0.48 0.00	21.01 -0.62 0.00	20.34 -0.73 0.00	22.58 -1.05 0.00	30.27 -1.81 0.00	35.15 -1.43 0.00	30.41 -1.01 0.00	38.70 -1.24 0.00	30.94 -1.41 0.00	31.78 -0.99 0.00

BINGHAMTON___COGEN 23790	33.16 0.24 0.00	31.42 0.17 0.00	23.34 0.11 0.00	20.40 0.06 0.00	21.37 0.02 0.00	24.15 -0.02 0.00	25.29 0.06 0.00	37.40 -0.01 0.00	30.65 0.14 0.00	25.20 -0.04 0.00	24.04 -0.01 0.00	23.51 0.03 0.00	22.82 -0.05 0.00	19.84 -0.04 0.00	19.10 -0.06 0.00	21.61 -0.02 0.00	21.01 -0.06 0.00	23.56 -0.07 0.00	31.90 -0.19 0.00	36.69 0.11 0.00	31.61 0.20 0.00	40.24 0.30 0.00	32.28 -0.07 0.00	32.74 -0.03 0.00
BIXINCNT_115KV_LOAD 355685	33.29 0.37 0.00	31.62 0.36 0.00	23.59 0.37 0.00	20.35 0.01 0.00	21.44 0.10 0.00	24.00 -0.17 0.00	24.88 -0.36 0.00	36.73 -0.68 0.00	30.41 -0.11 0.00	24.97 -0.28 0.00	23.90 -0.15 0.00	23.23 -0.24 0.00	22.47 -0.39 0.00	19.39 -0.48 0.00	18.69 -0.46 0.00	21.01 -0.61 0.00	20.29 -0.78 0.00	22.67 -0.96 0.00	30.53 -1.55 0.00	35.69 -0.90 0.00	30.98 -0.43 0.00	39.37 -0.57 0.00	31.46 -0.90 0.00	32.36 -0.42 0.00
BLACK RIVER___HYD 24047	32.94 0.02 0.00	31.22 -0.04 0.00	22.63 -0.59 0.00	19.72 -0.62 0.00	20.76 -0.58 0.00	23.56 -0.61 0.00	24.40 -0.84 0.00	36.10 -1.31 0.00	29.47 -1.05 0.00	24.20 -1.04 0.00	22.90 -1.15 0.00	22.61 -0.87 0.00	21.96 -0.91 0.00	19.15 -0.73 0.00	18.50 -0.66 0.00	20.55 -1.08 0.00	20.06 -1.01 0.00	22.91 -0.72 0.00	32.11 0.02 0.00	37.19 0.60 0.00	32.13 0.72 0.00	40.80 0.86 0.00	32.80 0.44 0.00	33.08 0.30 0.00
BLACKRVR_115KV_TB2 79977	32.94 0.01 0.00	31.22 -0.03 0.00	22.63 -0.59 0.00	19.72 -0.62 0.00	20.76 -0.58 0.00	23.56 -0.61 0.00	24.40 -0.84 0.00	36.10 -1.31 0.00	29.47 -1.04 0.00	24.20 -1.04 0.00	22.90 -1.15 0.00	22.61 -0.87 0.00	21.96 -0.91 0.00	19.15 -0.72 0.00	18.49 -0.66 0.00	20.55 -1.08 0.00	20.06 -1.01 0.00	22.91 -0.72 0.00	32.11 0.02 0.00	37.19 0.60 0.00	32.13 0.72 0.00	40.80 0.86 0.00	32.80 0.44 0.00	33.08 0.30 0.00
BLISS_WT_PWR 323608	33.23 0.31 0.00	31.55 0.29 0.00	23.54 0.31 0.00	20.29 -0.05 0.00	21.38 0.04 0.00	23.93 -0.24 0.00	24.81 -0.43 0.00	36.64 -0.76 0.00	30.35 -0.16 0.00	24.93 -0.31 0.00	23.89 -0.16 0.00	23.22 -0.26 0.00	22.39 -0.47 0.00	19.29 -0.59 0.00	18.61 -0.55 0.00	20.90 -0.73 0.00	20.16 -0.91 0.00	22.58 -1.05 0.00	30.45 -1.64 0.00	35.65 -0.94 0.00	30.98 -0.44 0.00	39.34 -0.60 0.00	31.45 -0.91 0.00	32.35 -0.42 0.00
BLUESTONE___WT_PWR 323821	34.24 1.32 0.00	31.51 0.26 0.00	23.95 0.72 0.00	20.56 0.22 0.00	21.60 0.26 0.00	24.80 0.63 0.00	25.18 -0.05 0.00	37.42 0.01 0.00	30.48 -0.04 0.00	25.07 -0.18 0.00	23.67 -0.38 0.00	23.11 -0.37 0.00	22.40 -0.47 0.00	19.54 -0.33 0.00	18.81 -0.34 0.00	21.32 -0.31 0.00	21.03 -0.05 0.00	23.74 0.10 0.00	32.14 0.05 0.00	37.10 0.51 0.00	31.64 0.23 0.00	40.78 0.83 0.00	33.23 0.88 0.00	33.82 1.04 0.00
BLUE_CIRC_CHEM_DRP 24182	33.26 0.34 0.00	31.61 0.36 0.00	23.46 0.23 0.00	20.57 0.23 0.00	21.57 0.22 0.00	24.45 0.28 0.00	25.59 0.35 0.00	37.94 0.54 0.00	31.02 0.50 0.00	25.58 0.33 0.00	24.38 0.32 0.00	23.77 0.29 0.00	23.07 0.21 0.00	20.10 0.22 0.00	19.40 0.25 0.00	21.89 0.26 0.00	21.37 0.30 0.00	24.08 0.45 0.00	32.66 0.57 0.00	37.39 0.80 0.00	32.10 0.69 0.00	40.76 0.82 0.00	32.86 0.50 0.00	33.18 0.40 0.00
BOC_GAS_DRP 24189	33.16 0.24 0.00	31.50 0.25 0.00	23.39 0.16 0.00	20.51 0.17 0.00	21.49 0.15 0.00	24.37 0.20 0.00	25.52 0.29 0.00	37.83 0.43 0.00	30.93 0.41 0.00	25.51 0.26 0.00	24.32 0.27 0.00	23.75 0.27 0.00	23.10 0.23 0.00	20.08 0.20 0.00	19.37 0.21 0.00	21.87 0.24 0.00	21.32 0.25 0.00	23.98 0.35 0.00	32.52 0.43 0.00	37.22 0.64 0.00	31.98 0.56 0.00	40.62 0.67 0.00	32.73 0.37 0.00	33.05 0.28 0.00
BOONVILLE_115KV_TB1 79983	33.49 0.57 0.00	31.74 0.49 0.00	23.34 0.11 0.00	20.40 0.06 0.00	21.42 0.08 0.00	24.29 0.12 0.00	25.29 0.06 0.00	37.47 0.07 0.00	30.60 0.09 0.00	25.36 0.11 0.00	24.10 0.06 0.00	23.60 0.12 0.00	22.93 0.07 0.00	19.91 0.04 0.00	19.21 0.06 0.00	21.63 0.00 0.00	21.07 0.00 0.00	23.81 0.17 0.00	32.72 0.63 0.00	37.59 1.01 0.00	32.36 0.95 0.00	41.10 1.16 0.00	33.11 0.75 0.00	33.45 0.67 0.00
BORALEX_4TH_BRANCH 23824	33.64 0.72 0.00	32.13 0.88 0.00	23.78 0.55 0.00	20.91 0.57 0.00	21.95 0.61 0.00	24.89 0.72 0.00	26.01 0.78 0.00	38.63 1.23 0.00	31.47 0.96 0.00	25.88 0.64 0.00	24.65 0.60 0.00	24.04 0.56 0.00	23.43 0.56 0.00	20.42 0.55 0.00	19.71 0.55 0.00	22.18 0.55 0.00	21.65 0.57 0.00	24.41 0.77 0.00	33.16 1.07 0.00	37.96 1.38 0.00	32.57 1.16 0.00	41.51 1.57 0.00	33.33 0.97 0.00	33.55 0.77 0.00
BOWLINE___1 23526	34.08 1.16 0.00	32.41 1.15 0.00	24.08 0.85 0.00	21.14 0.81 0.00	22.09 0.74 0.00	25.08 0.91 0.00	26.40 1.17 0.00	39.09 1.68 0.00	32.02 1.51 0.00	26.29 1.05 0.00	25.08 1.03 0.00	24.55 1.07 0.00	23.89 1.02 0.00	20.66 0.79 0.00	19.94 0.78 0.00	22.56 0.93 0.00	22.00 0.92 0.00	24.72 1.08 0.00	33.50 1.41 0.00	38.48 1.89 0.00	33.13 1.72 0.00	42.06 2.12 0.00	33.75 1.39 0.00	34.01 1.23 0.00
BOWLINE___2 23595	34.08 1.16 0.00	32.41 1.15 0.00	24.08 0.85 0.00	21.14 0.81 0.00	22.09 0.75 0.00	25.08 0.91 0.00	26.41 1.17 0.00	39.09 1.68 0.00	32.02 1.51 0.00	26.29 1.05 0.00	25.08 1.03 0.00	24.56 1.08 0.00	23.89 1.02 0.00	20.66 0.79 0.00	19.94 0.78 0.00	22.56 0.93 0.00	22.00 0.92 0.00	24.72 1.08 0.00	33.50 1.41 0.00	38.48 1.89 0.00	33.13 1.72 0.00	42.06 2.12 0.00	33.75 1.39 0.00	34.01 1.23 0.00
BRADY___115KV_TB2 356060	33.61 0.69 0.00	31.92 0.67 0.00	23.72 0.49 0.00	20.71 0.37 0.00	21.84 0.50 0.00	24.81 0.64 0.00	25.65 0.41 0.00	37.99 0.59 0.00	30.74 0.23 0.00	25.54 0.29 0.00	24.31 0.26 0.00	23.79 0.31 0.00	23.28 0.42 0.00	20.26 0.38 0.00	19.47 0.31 0.00	21.97 0.34 0.00	21.29 0.21 0.00	23.83 0.19 0.00	32.65 0.56 0.00	37.01 0.43 0.00	31.66 0.25 0.00	40.36 0.42 0.00	33.04 0.68 0.00	33.63 0.86 0.00
BRANSCOMB___SOLAR 323811	33.71 0.79 0.00	32.02 0.77 0.00	23.71 0.48 0.00	20.82 0.48 0.00	21.88 0.54 0.00	24.82 0.65 0.00	26.00 0.76 0.00	38.59 1.19 0.00	31.48 0.97 0.00	25.94 0.70 0.00	24.73 0.68 0.00	24.02 0.54 0.00	23.41 0.54 0.00	20.45 0.57 0.00	19.68 0.52 0.00	22.16 0.53 0.00	21.69 0.62 0.00	24.42 0.79 0.00	33.27 1.18 0.00	38.06 1.48 0.00	32.67 1.26 0.00	41.47 1.53 0.00	33.30 0.95 0.00	33.54 0.76 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.07 2.15 0.00	33.42 2.17 0.00	25.53 1.72 -0.59	21.91 1.58 0.00	22.85 1.51 0.00	43.92 1.87 -17.88	51.94 2.20 -24.51	40.20 2.80 0.00	33.06 2.54 0.00	27.11 1.86 -16.44	42.47 1.98 -1.57	27.05 2.00 -1.14	25.92 1.91 -0.61	22.01 1.52 0.00	20.42 1.27 0.00	23.15 1.52 0.00	22.77 1.70 0.00	25.34 1.71 0.00	34.26 2.18 0.00	39.47 2.89 0.00	33.99 2.57 0.00	43.24 3.30 0.00	34.40 2.05 0.00	34.88 2.10 0.00

BRISTLHL_115KV_TB1 79998	32.11 -0.81 0.00	30.43 -0.82 0.00	22.60 -0.63 0.00	19.77 -0.57 0.00	20.75 -0.59 0.00	23.45 -0.72 0.00	24.49 -0.74 0.00	36.24 -1.17 0.00	29.65 -0.87 0.00	24.46 -0.79 0.00	23.22 -0.83 0.00	22.65 -0.83 0.00	22.04 -0.83 0.00	19.18 -0.70 0.00	18.51 -0.65 0.00	20.88 -0.75 0.00	20.38 -0.70 0.00	22.86 -0.78 0.00	31.01 -1.08 0.00	35.57 -1.01 0.00	30.62 -0.79 0.00	38.89 -1.05 0.00	31.32 -1.03 0.00	31.73 -1.05 0.00
BROOKHAVEN___DRP 24191	34.81 1.89 0.00	33.22 1.96 0.00	25.48 1.66 -0.59	21.89 1.55 0.00	22.83 1.49 0.00	43.95 1.91 -17.88	52.07 2.33 -24.51	40.10 2.70 0.00	32.97 2.45 0.00	27.04 1.80 0.00	42.53 2.05 -16.43	27.05 2.06 -1.52	25.85 1.92 -1.06	21.97 1.57 -0.52	20.41 1.25 0.00	23.10 1.48 0.00	22.86 1.79 0.00	25.41 1.78 0.00	34.34 2.25 0.00	39.43 2.84 0.00	33.93 2.51 0.00	43.29 3.35 0.00	34.22 1.87 0.00	34.67 1.89 0.00
BROOKLYN_NAVY_YARD 23515	34.53 1.61 0.00	32.83 1.58 0.00	24.35 1.12 0.00	21.39 1.05 0.00	22.34 1.00 0.00	25.36 1.19 0.00	26.72 1.49 0.00	39.54 2.13 0.00	32.48 1.96 0.00	26.71 1.46 0.00	25.48 1.43 0.00	24.91 1.43 0.00	24.24 1.38 0.00	21.01 1.13 0.00	20.27 1.11 0.00	22.91 1.28 0.00	22.34 1.26 0.00	25.08 1.45 0.00	33.97 1.88 0.00	39.03 2.45 0.00	33.59 2.17 0.00	42.66 2.72 0.00	34.24 1.88 0.00	34.48 1.71 0.00
BROOKLYN___ARMY_DRP 323595	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
BROOKVLE_69_KV_TB1 55790	34.77 1.85 0.00	33.08 1.82 0.00	25.19 1.37 -0.59	21.60 1.27 0.00	22.55 1.21 0.00	43.51 1.47 -17.88	51.50 1.75 -24.51	39.80 2.39 0.00	32.69 2.18 0.00	26.86 1.61 0.00	42.39 1.68 -16.66	27.72 1.67 -2.57	27.14 1.60 -2.67	23.62 1.31 -2.43	20.33 1.17 0.00	23.01 1.39 0.00	22.53 1.46 0.00	25.19 1.55 0.00	34.08 1.99 0.00	39.21 2.63 0.00	33.75 2.34 0.00	42.86 2.92 0.00	34.26 1.90 0.00	34.62 1.85 0.00
BROOME_2_LFGE 323671	33.16 0.24 0.00	31.43 0.17 0.00	23.34 0.12 0.00	20.40 0.06 0.00	21.37 0.02 0.00	24.15 0.00 0.00	25.29 0.06 0.00	37.40 -0.01 0.00	30.65 0.14 0.00	25.21 -0.04 0.00	24.04 -0.01 0.00	23.51 0.03 0.00	22.82 -0.05 0.00	19.83 -0.04 0.00	19.10 -0.05 0.00	21.61 -0.02 0.00	21.01 -0.06 0.00	23.57 -0.07 0.00	31.90 -0.19 0.00	36.69 0.11 0.00	31.62 0.20 0.00	40.24 0.30 0.00	32.28 -0.07 0.00	32.75 -0.03 0.00
BROOME___LFGE 323600	33.16 0.24 0.00	31.43 0.17 0.00	23.34 0.12 0.00	20.40 0.06 0.00	21.37 0.02 0.00	24.15 -0.02 0.00	25.29 0.06 0.00	37.40 -0.01 0.00	30.65 0.14 0.00	25.21 -0.04 0.00	24.04 -0.01 0.00	23.51 0.03 0.00	22.82 -0.05 0.00	19.83 -0.04 0.00	19.10 -0.05 0.00	21.61 -0.02 0.00	21.01 -0.06 0.00	23.57 -0.07 0.00	31.90 -0.19 0.00	36.69 0.11 0.00	31.62 0.20 0.00	40.24 0.30 0.00	32.28 -0.07 0.00	32.75 -0.03 0.00
BROWNFLS_115KV_TB_3_5 80003	33.12 0.20 0.00	31.42 0.16 0.00	23.06 -0.16 0.00	20.12 -0.22 0.00	21.21 -0.13 0.00	24.08 -0.09 0.00	24.79 -0.44 0.00	36.66 -0.75 0.00	29.84 -0.68 0.00	24.76 -0.49 0.00	23.56 -0.49 0.00	23.16 -0.32 0.00	22.62 -0.25 0.00	19.65 -0.22 0.00	18.93 -0.23 0.00	21.26 -0.37 0.00	20.62 -0.45 0.00	23.21 -0.42 0.00	32.16 0.06 0.00	36.78 0.20 0.00	31.61 0.20 0.00	40.29 0.34 0.00	32.74 0.39 0.00	33.24 0.46 0.00
BROWNSV1_27_KV_LOAD 356125	34.89 1.96 0.00	33.16 1.90 0.00	24.59 1.36 0.00	21.59 1.26 0.00	22.54 1.21 0.00	25.60 1.43 0.00	26.98 1.75 0.00	39.91 2.51 0.00	32.78 2.27 0.00	26.98 1.73 0.00	25.75 1.70 0.00	25.17 1.70 0.00	24.50 1.63 0.00	21.22 1.35 0.00	20.48 1.32 0.00	23.15 1.52 0.00	22.58 1.50 0.00	25.34 1.71 0.00	34.32 2.23 0.00	39.45 2.86 0.00	33.96 2.54 0.00	43.13 3.19 0.00	34.59 2.24 0.00	34.83 2.05 0.00
BURROWS___LYONSDAL 23803	33.39 0.46 0.00	31.64 0.38 0.00	23.18 -0.05 0.00	20.24 -0.09 0.00	21.27 -0.06 0.00	24.13 -0.04 0.00	25.07 -0.16 0.00	37.13 -0.27 0.00	30.34 -0.18 0.00	25.17 -0.08 0.00	23.91 -0.14 0.00	23.44 -0.04 0.00	22.77 -0.09 0.00	19.77 -0.10 0.00	19.07 -0.08 0.00	21.45 -0.18 0.00	20.88 -0.19 0.00	23.61 -0.02 0.00	32.62 0.54 0.00	37.53 0.95 0.00	32.33 0.91 0.00	41.06 1.12 0.00	33.09 0.73 0.00	33.41 0.63 0.00
CAITHNESS_CC_1 323624	34.84 1.92 0.00	33.26 2.01 0.00	25.48 1.66 -0.59	21.88 1.54 0.00	22.82 1.48 0.00	43.93 1.88 -17.88	52.01 2.27 -24.51	40.10 2.69 0.00	32.97 2.45 0.00	27.04 1.79 0.00	42.49 2.02 -16.43	27.02 2.02 -1.52	25.83 1.90 -1.05	21.94 1.55 -0.52	20.40 1.24 0.00	23.10 1.47 0.00	22.82 1.75 0.00	25.37 1.74 0.00	34.30 2.21 0.00	39.40 2.81 0.00	33.93 2.51 0.00	43.24 3.30 0.00	34.25 1.90 0.00	34.70 1.92 0.00
CALPINE BETH_PAGE_GT4 24209	34.81 1.89 0.00	33.15 1.89 0.00	25.28 1.46 -0.59	21.68 1.35 0.00	22.62 1.28 0.00	43.62 1.57 -17.88	51.61 1.86 -24.51	39.84 2.44 0.00	32.75 2.24 0.00	26.88 1.63 0.00	42.38 1.73 -16.59	27.49 1.74 -2.27	26.82 1.67 -2.28	23.09 1.34 -1.88	20.31 1.15 0.00	23.00 1.38 0.00	22.57 1.49 0.00	25.13 1.49 0.00	33.96 1.87 0.00	39.11 2.53 0.00	33.65 2.24 0.00	42.77 2.83 0.00	34.11 1.75 0.00	34.54 1.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.80 1.88 0.00	33.16 1.90 0.00	25.28 1.46 -0.59	21.68 1.35 0.00	22.62 1.28 0.00	43.62 1.57 -17.88	51.61 1.86 -24.51	39.84 2.44 0.00	32.75 2.24 0.00	26.88 1.63 0.00	42.38 1.73 -16.59	27.49 1.74 -2.27	26.82 1.67 -2.28	23.10 1.34 -1.88	20.31 1.15 0.00	23.00 1.38 0.00	22.57 1.49 0.00	25.13 1.50 0.00	33.96 1.87 0.00	39.11 2.52 0.00	33.65 2.24 0.00	42.77 2.83 0.00	34.11 1.75 0.00	34.53 1.76 0.00
CALPINE_BP_GT1 23823	34.80 1.88 0.00	33.16 1.90 0.00	25.28 1.46 -0.59	21.68 1.35 0.00	22.62 1.28 0.00	43.62 1.57 -17.88	51.61 1.86 -24.51	39.84 2.44 0.00	32.75 2.24 0.00	26.88 1.63 0.00	42.38 1.73 -16.59	27.49 1.74 -2.27	26.82 1.67 -2.28	23.10 1.34 -1.88	20.31 1.15 0.00	23.00 1.38 0.00	22.57 1.49 0.00	25.13 1.50 0.00	33.96 1.87 0.00	39.11 2.52 0.00	33.65 2.24 0.00	42.77 2.83 0.00	34.11 1.75 0.00	34.53 1.76 0.00
CALSPAN___DRP 24200	32.83 -0.09 0.00	31.23 -0.03 0.00	23.25 0.03 0.00	20.10 -0.23 0.00	21.21 -0.13 0.00	23.73 -0.44 0.00	24.60 -0.64 0.00	36.10 -1.30 0.00	29.88 -0.64 0.00	24.55 -0.70 0.00	23.41 -0.64 0.00	22.81 -0.66 0.00	22.28 -0.58 0.00	19.34 -0.54 0.00	18.60 -0.56 0.00	20.92 -0.71 0.00	20.24 -0.83 0.00	22.47 -1.16 0.00	30.12 -1.98 0.00	34.96 -1.63 0.00	30.24 -1.17 0.00	38.50 -1.44 0.00	30.77 -1.58 0.00	31.61 -1.17 0.00

CALVERTON___SOLAR 323806	34.82 1.90 0.00	33.24 1.99 0.00	25.52 1.70 -0.59	21.92 1.59 0.00	22.86 1.52 0.00	44.01 1.96 -17.88	52.15 2.40 -24.51	40.15 2.75 0.00	33.00 2.48 0.00	27.07 1.82 0.00	42.59 2.11 -16.43	27.10 2.10 -1.52	25.88 1.96 -1.06	22.00 1.61 -0.52	20.43 1.27 0.00	23.12 1.49 0.00	22.92 1.85 0.00	25.47 1.83 0.00	34.41 2.32 0.00	39.46 2.88 0.00	33.96 2.55 0.00	43.35 3.41 0.00	34.22 1.87 0.00	34.66 1.89 0.00
CANDIGU_WT_PWR 323617	32.49 -0.43 0.00	30.77 -0.49 0.00	22.75 -0.48 0.00	19.81 -0.53 0.00	20.75 -0.59 0.00	23.50 -0.67 0.00	24.55 -0.69 0.00	36.24 -1.16 0.00	29.98 -0.53 0.00	24.78 -0.46 0.00	23.80 -0.25 0.00	23.13 -0.35 0.00	21.96 -0.91 0.00	18.99 -0.89 0.00	18.24 -0.92 0.00	20.63 -1.00 0.00	20.05 -1.02 0.00	22.52 -1.12 0.00	30.69 -1.40 0.00	35.99 -0.60 0.00	31.31 -0.11 0.00	39.90 -0.04 0.00	31.92 -0.44 0.00	32.55 -0.23 0.00
CARR STREET_E_SYR 24060	32.44 -0.48 0.00	30.75 -0.51 0.00	22.83 -0.40 0.00	19.98 -0.36 0.00	20.95 -0.39 0.00	23.67 -0.50 0.00	24.74 -0.49 0.00	36.60 -0.80 0.00	29.95 -0.57 0.00	24.71 -0.54 0.00	23.49 -0.57 0.00	22.93 -0.55 0.00	22.31 -0.55 0.00	19.42 -0.46 0.00	18.74 -0.42 0.00	21.14 -0.49 0.00	20.63 -0.44 0.00	23.14 -0.49 0.00	31.36 -0.73 0.00	35.97 -0.62 0.00	30.95 -0.46 0.00	39.30 -0.64 0.00	31.63 -0.72 0.00	32.05 -0.73 0.00
CARTHAGE___PAPER 23857	33.27 0.35 0.00	31.54 0.28 0.00	22.92 -0.30 0.00	19.98 -0.36 0.00	21.04 -0.30 0.00	23.89 -0.28 0.00	24.70 -0.54 0.00	36.56 -0.84 0.00	29.82 -0.69 0.00	24.59 -0.66 0.00	23.34 -0.71 0.00	22.99 -0.49 0.00	22.35 -0.52 0.00	19.43 -0.45 0.00	18.77 -0.39 0.00	20.91 -0.71 0.00	20.39 -0.68 0.00	23.17 -0.46 0.00	32.48 0.39 0.00	37.52 0.94 0.00	32.37 0.95 0.00	41.13 1.19 0.00	33.14 0.79 0.00	33.46 0.69 0.00
CASSADAGA_WT_PWR 323784	33.43 0.51 0.00	31.86 0.60 0.00	23.76 0.53 0.00	20.56 0.23 0.00	21.57 0.23 0.00	24.20 0.03 0.00	25.31 0.08 0.00	37.21 -0.19 0.00	30.84 0.33 0.00	25.21 -0.04 0.00	24.12 0.07 0.00	23.58 0.10 0.00	22.87 0.00 0.00	19.71 -0.16 0.00	18.83 -0.33 0.00	21.25 -0.37 0.00	20.62 -0.45 0.00	23.01 -0.62 0.00	31.02 -1.07 0.00	36.34 -0.25 0.00	31.47 0.06 0.00	40.09 0.15 0.00	31.75 -0.61 0.00	32.26 -0.51 0.00
CE_DUNWOOD___DRP 24194	34.32 1.40 0.00	32.64 1.38 0.00	24.22 0.99 0.00	21.27 0.94 0.00	22.23 0.89 0.00	25.25 1.08 0.00	26.57 1.33 0.00	39.33 1.93 0.00	32.24 1.73 0.00	26.51 1.27 0.00	25.31 1.26 0.00	24.76 1.28 0.00	24.09 1.22 0.00	20.86 0.99 0.00	20.11 0.95 0.00	22.75 1.12 0.00	22.19 1.12 0.00	24.92 1.28 0.00	33.76 1.67 0.00	38.79 2.20 0.00	33.38 1.96 0.00	42.39 2.45 0.00	34.00 1.64 0.00	34.26 1.48 0.00
CE_MILLWOOD___DRP 24193	34.26 1.34 0.00	32.58 1.32 0.00	24.18 0.95 0.00	21.24 0.91 0.00	22.19 0.85 0.00	25.20 1.03 0.00	26.52 1.29 0.00	39.26 1.85 0.00	32.18 1.67 0.00	26.46 1.21 0.00	25.26 1.20 0.00	24.71 1.23 0.00	24.03 1.17 0.00	20.82 0.94 0.00	20.07 0.91 0.00	22.70 1.08 0.00	22.15 1.08 0.00	24.87 1.24 0.00	33.70 1.61 0.00	38.71 2.13 0.00	33.32 1.90 0.00	42.31 2.37 0.00	33.93 1.58 0.00	34.20 1.42 0.00
CE_NYC2_DRP 24202	34.56 1.63 0.00	32.86 1.60 0.00	24.37 1.14 0.00	21.41 1.08 0.00	22.36 1.02 0.00	25.39 1.23 0.00	26.76 1.53 0.00	39.58 2.17 0.00	32.51 2.00 0.00	26.73 1.49 0.00	25.52 1.47 0.00	24.96 1.48 0.00	24.28 1.42 0.00	21.04 1.16 0.00	20.29 1.14 0.00	22.94 1.31 0.00	22.37 1.30 0.00	25.12 1.48 0.00	34.00 1.91 0.00	39.03 2.45 0.00	33.63 2.21 0.00	42.72 2.78 0.00	34.26 1.91 0.00	34.51 1.74 0.00
CE_NYC_DRP 24195	34.60 1.68 0.00	32.91 1.65 0.00	24.40 1.18 0.00	21.44 1.10 0.00	22.39 1.04 0.00	25.42 1.25 0.00	26.78 1.54 0.00	39.62 2.22 0.00	32.53 2.01 0.00	26.76 1.51 0.00	25.54 1.49 0.00	24.98 1.50 0.00	24.31 1.44 0.00	21.06 1.18 0.00	20.32 1.16 0.00	22.97 1.35 0.00	22.40 1.33 0.00	25.14 1.50 0.00	34.04 1.95 0.00	39.11 2.53 0.00	33.67 2.26 0.00	42.77 2.83 0.00	34.31 1.95 0.00	34.56 1.78 0.00
CHAFFEE___LFGE 323603	33.11 0.19 0.00	31.49 0.23 0.00	23.42 0.20 0.00	20.26 -0.07 0.00	21.38 0.04 0.00	23.93 -0.24 0.00	24.82 -0.42 0.00	36.46 -0.94 0.00	30.19 -0.33 0.00	24.80 -0.45 0.00	23.64 -0.41 0.00	23.04 -0.44 0.00	22.49 -0.38 0.00	19.51 -0.37 0.00	18.77 -0.39 0.00	21.10 -0.53 0.00	20.42 -0.65 0.00	22.68 -0.95 0.00	30.42 -1.67 0.00	35.34 -1.25 0.00	30.57 -0.85 0.00	38.91 -1.03 0.00	31.09 -1.27 0.00	31.91 -0.87 0.00
CHATEAUG_35_KV_LOAD 355732	34.02 1.10 0.00	32.37 1.12 0.00	24.02 0.80 0.00	21.00 0.66 0.00	22.25 0.91 0.00	25.18 1.01 0.00	25.94 0.70 0.00	38.63 1.23 0.00	31.46 0.95 0.00	26.11 0.86 0.00	25.04 0.99 0.00	24.35 0.87 0.00	23.86 1.00 0.00	20.69 0.81 0.00	19.91 0.75 0.00	22.54 0.92 0.00	21.88 0.80 0.00	24.56 0.92 0.00	33.52 1.44 0.00	37.96 1.37 0.00	32.36 0.95 0.00	41.10 1.16 0.00	33.46 1.10 0.00	33.87 1.09 0.00
CHATEAUG_WT_PWR 323614	34.02 1.09 0.00	32.38 1.13 0.00	24.01 0.78 0.00	21.00 0.67 0.00	22.28 0.93 0.00	25.19 1.02 0.00	25.91 0.68 0.00	38.60 1.20 0.00	31.45 0.94 0.00	26.10 0.85 0.00	25.09 1.04 0.00	24.37 0.89 0.00	23.91 1.04 0.00	20.72 0.85 0.00	19.95 0.79 0.00	22.59 0.96 0.00	21.91 0.84 0.00	24.61 0.98 0.00	33.59 1.50 0.00	38.07 1.48 0.00	32.42 1.01 0.00	41.16 1.22 0.00	33.46 1.11 0.00	33.82 1.05 0.00
CHAT_HIGH_FALL_HYD 323578	34.02 1.10 0.00	32.37 1.12 0.00	24.02 0.80 0.00	21.00 0.66 0.00	22.25 0.91 0.00	25.18 1.01 0.00	25.94 0.70 0.00	38.63 1.23 0.00	31.46 0.95 0.00	26.11 0.86 0.00	25.04 0.99 0.00	24.35 0.87 0.00	23.86 1.00 0.00	20.69 0.81 0.00	19.91 0.75 0.00	22.54 0.92 0.00	21.88 0.80 0.00	24.56 0.92 0.00	33.52 1.44 0.00	37.96 1.37 0.00	32.36 0.95 0.00	41.10 1.16 0.00	33.46 1.10 0.00	33.87 1.09 0.00
CHAUTAUQUA___LFGE 323629	33.16 0.24 0.00	31.61 0.36 0.00	23.53 0.31 0.00	20.38 0.05 0.00	21.42 0.08 0.00	24.01 -0.16 0.00	25.07 -0.16 0.00	36.82 -0.59 0.00	30.44 -0.07 0.00	24.89 -0.36 0.00	23.77 -0.28 0.00	23.27 -0.21 0.00	22.61 -0.26 0.00	19.55 -0.32 0.00	18.74 -0.42 0.00	21.14 -0.49 0.00	20.47 -0.61 0.00	22.79 -0.84 0.00	30.65 -1.44 0.00	35.78 -0.80 0.00	31.00 -0.41 0.00	39.52 -0.42 0.00	31.36 -0.99 0.00	32.02 -0.76 0.00
CHERRYST_13_KV_LD 356241	34.69 1.77 0.00	32.99 1.74 0.00	24.45 1.23 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.48 1.31 0.00	26.85 1.61 0.00	39.72 2.32 0.00	32.61 2.10 0.00	26.83 1.59 0.00	25.62 1.57 0.00	25.05 1.57 0.00	24.38 1.51 0.00	21.12 1.24 0.00	20.37 1.22 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.21 1.57 0.00	34.13 2.04 0.00	39.22 2.64 0.00	33.75 2.34 0.00	42.87 2.93 0.00	34.39 2.04 0.00	34.65 1.88 0.00

CHESTROR_138KV_BK263 355645	33.94 1.02 0.00	32.26 1.00 0.00	23.96 0.74 0.00	21.03 0.70 0.00	21.99 0.65 0.00	24.96 0.79 0.00	26.25 1.01 0.00	38.84 1.44 0.00	31.80 1.29 0.00	26.14 0.89 0.00	24.92 0.87 0.00	24.40 0.92 0.00	23.72 0.85 0.00	20.53 0.66 0.00	19.81 0.65 0.00	22.41 0.79 0.00	21.86 0.79 0.00	24.57 0.93 0.00	33.31 1.22 0.00	38.26 1.67 0.00	32.93 1.51 0.00	41.81 1.86 0.00	33.56 1.20 0.00	33.83 1.05 0.00
CH_MIDHUDSON___DRP 24192	34.66 1.74 0.00	32.92 1.67 0.00	24.43 1.21 0.00	21.45 1.12 0.00	22.43 1.09 0.00	25.47 1.30 0.00	26.80 1.56 0.00	39.70 2.30 0.00	32.53 2.01 0.00	26.73 1.48 0.00	25.50 1.45 0.00	24.92 1.44 0.00	24.21 1.34 0.00	20.95 1.07 0.00	20.24 1.08 0.00	22.92 1.30 0.00	22.36 1.29 0.00	25.13 1.49 0.00	34.14 2.05 0.00	39.21 2.62 0.00	33.74 2.32 0.00	42.82 2.87 0.00	34.33 1.97 0.00	34.56 1.79 0.00
CH_MISC_IPPS 23765	34.62 1.70 0.00	32.88 1.62 0.00	24.40 1.18 0.00	21.42 1.09 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.77 1.53 0.00	39.64 2.24 0.00	32.48 1.97 0.00	26.69 1.44 0.00	25.47 1.42 0.00	24.90 1.42 0.00	24.20 1.33 0.00	20.93 1.05 0.00	20.21 1.05 0.00	22.90 1.27 0.00	22.34 1.26 0.00	25.09 1.46 0.00	34.08 1.99 0.00	39.15 2.56 0.00	33.69 2.28 0.00	42.76 2.82 0.00	34.27 1.92 0.00	34.53 1.75 0.00
CH_RES_BVR_FALLS 23983	32.87 -0.05 0.00	31.17 -0.09 0.00	23.09 -0.13 0.00	20.17 -0.17 0.00	21.22 -0.12 0.00	24.08 -0.09 0.00	25.00 -0.23 0.00	37.09 -0.31 0.00	30.18 -0.33 0.00	25.13 -0.12 0.00	23.99 -0.05 0.00	23.45 -0.03 0.00	22.87 0.00 0.00	19.84 -0.03 0.00	19.08 -0.07 0.00	21.56 -0.07 0.00	20.93 -0.15 0.00	23.46 -0.18 0.00	32.11 0.02 0.00	36.52 -0.06 0.00	31.30 -0.11 0.00	39.83 -0.12 0.00	32.42 0.07 0.00	32.88 0.11 0.00
CH_RES_NIAGARA 23895	31.74 -1.19 0.00	30.22 -1.04 0.00	22.52 -0.71 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.69 0.00	28.76 -1.75 0.00	23.70 -1.55 0.00	22.58 -1.47 0.00	22.00 -1.48 0.00	21.58 -1.29 0.00	18.76 -1.11 0.00	18.04 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.93 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.88 -3.06 0.00	29.59 -2.77 0.00	30.46 -2.31 0.00
CH_RES_SYRACUSE 23985	32.65 -0.27 0.00	30.95 -0.30 0.00	22.98 -0.25 0.00	20.11 -0.22 0.00	21.10 -0.24 0.00	23.84 -0.33 0.00	24.93 -0.31 0.00	36.86 -0.55 0.00	30.18 -0.33 0.00	24.91 -0.34 0.00	23.66 -0.40 0.00	23.07 -0.40 0.00	22.47 -0.40 0.00	19.54 -0.33 0.00	18.85 -0.31 0.00	21.27 -0.36 0.00	20.76 -0.31 0.00	23.30 -0.33 0.00	31.58 -0.51 0.00	36.20 -0.39 0.00	31.15 -0.27 0.00	39.59 -0.35 0.00	31.86 -0.49 0.00	32.29 -0.49 0.00
CLINTON_WT_PWR 323605	34.02 1.09 0.00	32.38 1.13 0.00	24.01 0.78 0.00	21.00 0.67 0.00	22.28 0.93 0.00	25.19 1.02 0.00	25.91 0.68 0.00	38.60 1.20 0.00	31.45 0.94 0.00	26.10 0.85 0.00	25.09 1.04 0.00	24.37 0.89 0.00	23.91 1.04 0.00	20.72 0.85 0.00	19.95 0.79 0.00	22.59 0.96 0.00	21.91 0.84 0.00	24.61 0.98 0.00	33.59 1.50 0.00	38.07 1.48 0.00	32.42 1.01 0.00	41.16 1.22 0.00	33.46 1.11 0.00	33.82 1.05 0.00
CLINTON___LFGE 323618	34.76 1.84 0.00	33.07 1.82 0.00	24.49 1.26 0.00	21.44 1.11 0.00	22.80 1.46 0.00	25.73 1.56 0.00	26.38 1.14 0.00	39.36 1.96 0.00	32.12 1.60 0.00	26.60 1.35 0.00	25.70 1.65 0.00	24.91 1.43 0.00	24.45 1.58 0.00	21.21 1.33 0.00	20.42 1.26 0.00	23.11 1.49 0.00	22.41 1.34 0.00	25.22 1.59 0.00	34.45 2.36 0.00	39.07 2.48 0.00	33.21 1.80 0.00	42.10 2.16 0.00	34.11 1.75 0.00	34.43 1.66 0.00
COBBLENY_34_KV_TB1 80064	33.10 0.18 0.00	31.49 0.23 0.00	23.44 0.21 0.00	20.26 -0.07 0.00	21.38 0.04 0.00	23.92 -0.24 0.00	24.82 -0.42 0.00	36.46 -0.94 0.00	30.18 -0.33 0.00	24.80 -0.45 0.00	23.64 -0.41 0.00	23.03 -0.45 0.00	22.49 -0.38 0.00	19.51 -0.36 0.00	18.77 -0.39 0.00	21.10 -0.53 0.00	20.42 -0.65 0.00	22.68 -0.96 0.00	30.42 -1.67 0.00	35.34 -1.25 0.00	30.57 -0.85 0.00	38.90 -1.04 0.00	31.09 -1.27 0.00	31.91 -0.87 0.00
COFFEEN___115KV_TB3 355620	33.08 0.16 0.00	31.35 0.10 0.00	22.75 -0.48 0.00	19.82 -0.51 0.00	20.86 -0.48 0.00	23.68 -0.49 0.00	24.54 -0.69 0.00	36.32 -1.08 0.00	29.62 -0.90 0.00	24.22 -1.03 0.00	22.89 -1.17 0.00	22.60 -0.87 0.00	21.98 -0.89 0.00	19.21 -0.66 0.00	18.56 -0.60 0.00	20.56 -1.07 0.00	20.10 -0.97 0.00	23.03 -0.61 0.00	32.24 0.15 0.00	37.37 0.79 0.00	32.29 0.88 0.00	41.01 1.07 0.00	32.93 0.58 0.00	33.20 0.43 0.00
COLDSPRG_115KV_BK1 355956	34.13 1.21 0.00	32.44 1.18 0.00	24.15 0.93 0.00	20.93 0.59 0.00	21.99 0.65 0.00	24.63 0.46 0.00	25.74 0.50 0.00	37.91 0.51 0.00	31.36 0.84 0.00	25.64 0.40 0.00	24.52 0.46 0.00	23.94 0.46 0.00	23.27 0.41 0.00	20.16 0.29 0.00	19.33 0.17 0.00	21.81 0.19 0.00	21.13 0.06 0.00	23.51 -0.12 0.00	31.61 -0.48 0.00	36.85 0.27 0.00	31.90 0.48 0.00	40.62 0.68 0.00	32.30 -0.06 0.00	33.04 0.27 0.00
COLONIE_LFGE___ 323577	33.40 0.48 0.00	31.78 0.52 0.00	23.54 0.31 0.00	20.67 0.34 0.00	21.69 0.35 0.00	24.59 0.42 0.00	25.74 0.50 0.00	38.21 0.80 0.00	31.17 0.65 0.00	25.68 0.44 0.00	24.49 0.43 0.00	23.85 0.37 0.00	23.24 0.37 0.00	20.24 0.36 0.00	19.51 0.36 0.00	22.00 0.37 0.00	21.49 0.41 0.00	24.19 0.56 0.00	32.86 0.77 0.00	37.61 1.02 0.00	32.28 0.87 0.00	41.00 1.05 0.00	33.01 0.65 0.00	33.27 0.49 0.00
COOPERNY_115KV_TB1 80082	33.68 0.76 0.00	32.00 0.74 0.00	23.78 0.55 0.00	20.86 0.52 0.00	21.82 0.48 0.00	24.76 0.58 0.00	25.99 0.75 0.00	38.46 1.06 0.00	31.47 0.96 0.00	25.89 0.65 0.00	24.70 0.65 0.00	24.16 0.68 0.00	23.50 0.64 0.00	20.37 0.49 0.00	19.64 0.48 0.00	22.21 0.58 0.00	21.66 0.58 0.00	24.32 0.69 0.00	32.97 0.88 0.00	37.82 1.23 0.00	32.54 1.13 0.00	41.33 1.39 0.00	33.22 0.87 0.00	33.55 0.77 0.00
COPENHAGEN_WT_PWR 323753	32.74 -0.18 0.00	31.06 -0.19 0.00	22.43 -0.80 0.00	19.53 -0.81 0.00	20.57 -0.78 0.00	23.33 -0.83 0.00	24.16 -1.08 0.00	35.74 -1.66 0.00	29.22 -1.29 0.00	24.05 -1.20 0.00	22.75 -1.30 0.00	22.49 -0.99 0.00	21.82 -1.05 0.00	18.98 -0.89 0.00	18.34 -0.82 0.00	20.39 -1.23 0.00	19.88 -1.19 0.00	22.72 -0.91 0.00	31.95 -0.14 0.00	37.02 0.43 0.00	31.98 0.57 0.00	40.64 0.69 0.00	32.66 0.30 0.00	32.93 0.15 0.00
CORNELL_____ 23752	33.36 0.44 0.00	31.60 0.34 0.00	23.48 0.26 0.00	20.52 0.18 0.00	21.51 0.16 0.00	24.32 0.14 0.00	25.44 0.21 0.00	37.63 0.23 0.00	30.82 0.31 0.00	25.38 0.13 0.00	24.10 0.05 0.00	23.44 -0.04 0.00	22.78 -0.09 0.00	19.82 -0.06 0.00	19.08 -0.07 0.00	21.60 -0.03 0.00	21.07 -0.01 0.00	23.75 0.11 0.00	32.19 0.10 0.00	36.99 0.40 0.00	31.88 0.46 0.00	40.56 0.62 0.00	32.56 0.20 0.00	33.01 0.23 0.00

CORONA__69_KV_TB1 355595	34.81 1.89 0.00	33.12 1.86 0.00	25.24 1.42 -0.59	21.65 1.31 0.00	22.59 1.25 0.00	43.57 1.52 -17.88	51.52 1.77 -24.51	39.79 2.39 0.00	32.69 2.18 0.00	26.87 1.62 0.00	43.05 1.66 -17.34	30.80 1.66 -5.66	32.56 1.60 -8.09	29.21 1.31 -8.03	20.33 1.17 0.00	23.01 1.38 0.00	22.55 1.48 0.00	25.17 1.53 0.00	34.04 1.95 0.00	39.18 2.60 0.00	33.72 2.31 0.00	42.86 2.92 0.00	34.24 1.88 0.00	34.66 1.88 0.00
CORTLAND__115KV_TB3 80093	33.57 0.65 0.00	31.79 0.53 0.00	23.56 0.34 0.00	20.62 0.28 0.00	21.60 0.26 0.00	24.47 0.30 0.00	25.57 0.34 0.00	37.91 0.51 0.00	30.93 0.41 0.00	25.53 0.28 0.00	24.20 0.15 0.00	23.57 0.09 0.00	22.95 0.08 0.00	19.94 0.06 0.00	19.26 0.11 0.00	21.65 0.03 0.00	21.32 0.25 0.00	24.02 0.39 0.00	32.60 0.51 0.00	37.41 0.82 0.00	32.21 0.80 0.00	40.88 0.94 0.00	32.88 0.52 0.00	33.25 0.47 0.00
COXSACKIE__GT 23611	34.59 1.67 0.00	32.82 1.57 0.00	24.31 1.09 0.00	21.32 0.98 0.00	22.36 1.02 0.00	25.39 1.22 0.00	26.60 1.36 0.00	39.55 2.15 0.00	32.42 1.91 0.00	26.67 1.42 0.00	25.23 1.18 0.00	24.67 1.19 0.00	23.56 0.69 0.00	20.57 0.70 0.00	20.10 0.94 0.00	22.54 0.92 0.00	21.91 0.84 0.00	25.09 1.46 0.00	34.17 2.08 0.00	39.30 2.72 0.00	33.67 2.26 0.00	42.66 2.72 0.00	34.26 1.90 0.00	34.48 1.71 0.00
CPV_VALLEY__CC1 323721	33.68 0.76 0.00	32.02 0.76 0.00	23.80 0.57 0.00	20.89 0.55 0.00	21.84 0.50 0.00	24.79 0.62 0.00	26.05 0.82 0.00	38.54 1.14 0.00	31.56 1.05 0.00	25.95 0.71 0.00	24.75 0.70 0.00	24.23 0.75 0.00	23.56 0.70 0.00	20.41 0.53 0.00	19.68 0.53 0.00	22.27 0.64 0.00	21.71 0.64 0.00	24.39 0.76 0.00	33.05 0.96 0.00	37.94 1.36 0.00	32.65 1.24 0.00	41.46 1.51 0.00	33.30 0.94 0.00	33.58 0.80 0.00
CPV_VALLEY__CC2 323722	33.68 0.76 0.00	32.02 0.76 0.00	23.80 0.57 0.00	20.89 0.55 0.00	21.84 0.50 0.00	24.79 0.62 0.00	26.05 0.82 0.00	38.54 1.14 0.00	31.56 1.05 0.00	25.95 0.71 0.00	24.75 0.70 0.00	24.23 0.75 0.00	23.56 0.70 0.00	20.41 0.53 0.00	19.68 0.53 0.00	22.27 0.64 0.00	21.71 0.64 0.00	24.39 0.76 0.00	33.05 0.96 0.00	37.94 1.36 0.00	32.65 1.24 0.00	41.46 1.51 0.00	33.30 0.94 0.00	33.58 0.80 0.00
CRESCENT__HYD 24018	33.40 0.48 0.00	31.78 0.52 0.00	23.54 0.31 0.00	20.67 0.34 0.00	21.69 0.35 0.00	24.59 0.42 0.00	25.74 0.50 0.00	38.21 0.80 0.00	31.17 0.65 0.00	25.68 0.44 0.00	24.49 0.43 0.00	23.85 0.37 0.00	23.24 0.37 0.00	20.24 0.36 0.00	19.51 0.36 0.00	22.00 0.37 0.00	21.49 0.41 0.00	24.19 0.56 0.00	32.86 0.77 0.00	37.61 1.02 0.00	32.28 0.87 0.00	41.00 1.05 0.00	33.01 0.65 0.00	33.27 0.49 0.00
CRICKET__VALLEY_CC1 323756	33.63 0.71 0.00	31.96 0.70 0.00	23.71 0.49 0.00	20.83 0.50 0.00	21.78 0.44 0.00	24.74 0.57 0.00	26.00 0.76 0.00	38.57 1.17 0.00	31.59 1.07 0.00	25.98 0.74 0.00	24.79 0.74 0.00	24.24 0.76 0.00	23.56 0.70 0.00	20.45 0.57 0.00	19.74 0.58 0.00	22.32 0.69 0.00	21.76 0.69 0.00	24.46 0.83 0.00	33.20 1.11 0.00	38.15 1.57 0.00	32.82 1.40 0.00	41.65 1.70 0.00	33.36 1.01 0.00	33.57 0.79 0.00
CRICKET__VALLEY_CC2 323757	33.63 0.71 0.00	31.96 0.70 0.00	23.71 0.49 0.00	20.83 0.50 0.00	21.78 0.44 0.00	24.74 0.57 0.00	26.00 0.76 0.00	38.57 1.17 0.00	31.59 1.07 0.00	25.98 0.74 0.00	24.79 0.74 0.00	24.24 0.76 0.00	23.56 0.70 0.00	20.45 0.57 0.00	19.74 0.58 0.00	22.32 0.69 0.00	21.76 0.69 0.00	24.46 0.83 0.00	33.20 1.11 0.00	38.15 1.57 0.00	32.82 1.40 0.00	41.65 1.70 0.00	33.36 1.01 0.00	33.57 0.79 0.00
CRICKET__VALLEY_CC3 323758	33.63 0.71 0.00	31.96 0.70 0.00	23.71 0.49 0.00	20.83 0.50 0.00	21.78 0.44 0.00	24.74 0.57 0.00	26.00 0.76 0.00	38.57 1.17 0.00	31.59 1.07 0.00	25.98 0.74 0.00	24.79 0.74 0.00	24.24 0.76 0.00	23.56 0.70 0.00	20.45 0.57 0.00	19.74 0.58 0.00	22.32 0.69 0.00	21.76 0.69 0.00	24.46 0.83 0.00	33.20 1.11 0.00	38.15 1.57 0.00	32.82 1.40 0.00	41.65 1.70 0.00	33.36 1.01 0.00	33.57 0.79 0.00
CRUCIBLE_METL_DRP 24180	32.66 -0.26 0.00	30.95 -0.30 0.00	22.98 -0.24 0.00	20.11 -0.22 0.00	21.10 -0.24 0.00	23.84 -0.33 0.00	24.93 -0.31 0.00	36.86 -0.55 0.00	30.18 -0.33 0.00	24.91 -0.34 0.00	23.66 -0.39 0.00	23.08 -0.40 0.00	22.47 -0.40 0.00	19.54 -0.33 0.00	18.85 -0.31 0.00	21.27 -0.36 0.00	20.76 -0.31 0.00	23.30 -0.33 0.00	31.58 -0.51 0.00	36.19 -0.39 0.00	31.15 -0.27 0.00	39.59 -0.35 0.00	31.86 -0.49 0.00	32.29 -0.49 0.00
DAHOWA__HYDRO 323763	33.75 0.82 0.00	32.03 0.77 0.00	23.71 0.49 0.00	20.83 0.49 0.00	21.90 0.56 0.00	24.85 0.68 0.00	26.02 0.79 0.00	38.65 1.25 0.00	31.52 1.01 0.00	25.99 0.74 0.00	24.77 0.72 0.00	24.04 0.56 0.00	23.43 0.56 0.00	20.48 0.61 0.00	19.70 0.55 0.00	22.17 0.55 0.00	21.72 0.65 0.00	24.45 0.82 0.00	33.33 1.25 0.00	38.14 1.56 0.00	32.74 1.33 0.00	41.56 1.62 0.00	33.33 0.97 0.00	33.55 0.78 0.00
DANC__LFGE 323619	32.55 -0.37 0.00	30.86 -0.40 0.00	22.52 -0.71 0.00	19.64 -0.70 0.00	20.65 -0.69 0.00	23.39 -0.79 0.00	24.30 -0.94 0.00	35.93 -1.48 0.00	29.38 -1.13 0.00	24.21 -1.04 0.00	22.95 -1.10 0.00	22.57 -0.91 0.00	21.92 -0.94 0.00	19.08 -0.80 0.00	18.41 -0.75 0.00	20.58 -1.05 0.00	20.07 -1.01 0.00	22.77 -0.86 0.00	31.58 -0.51 0.00	36.45 -0.13 0.00	31.48 0.06 0.00	40.02 0.08 0.00	32.18 -0.17 0.00	32.49 -0.28 0.00
DANSKAMMER__1 23586	34.62 1.70 0.00	32.88 1.62 0.00	24.40 1.18 0.00	21.42 1.09 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.77 1.53 0.00	39.64 2.24 0.00	32.48 1.97 0.00	26.69 1.44 0.00	25.47 1.42 0.00	24.90 1.42 0.00	24.20 1.33 0.00	20.93 1.05 0.00	20.21 1.05 0.00	22.90 1.27 0.00	22.34 1.26 0.00	25.09 1.46 0.00	34.08 1.99 0.00	39.15 2.56 0.00	33.69 2.28 0.00	42.76 2.82 0.00	34.27 1.92 0.00	34.53 1.75 0.00
DANSKAMMER__2 23589	34.62 1.70 0.00	32.88 1.62 0.00	24.40 1.18 0.00	21.42 1.09 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.77 1.53 0.00	39.64 2.24 0.00	32.48 1.97 0.00	26.69 1.44 0.00	25.47 1.42 0.00	24.90 1.42 0.00	24.20 1.33 0.00	20.93 1.05 0.00	20.21 1.05 0.00	22.90 1.27 0.00	22.34 1.26 0.00	25.09 1.46 0.00	34.08 1.99 0.00	39.15 2.56 0.00	33.69 2.28 0.00	42.76 2.82 0.00	34.27 1.92 0.00	34.53 1.75 0.00
DANSKAMMER__3 23590	34.62 1.70 0.00	32.88 1.62 0.00	24.40 1.18 0.00	21.42 1.09 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.77 1.53 0.00	39.64 2.24 0.00	32.48 1.97 0.00	26.69 1.44 0.00	25.47 1.42 0.00	24.90 1.42 0.00	24.20 1.33 0.00	20.93 1.05 0.00	20.21 1.05 0.00	22.90 1.27 0.00	22.34 1.26 0.00	25.09 1.46 0.00	34.08 1.99 0.00	39.15 2.56 0.00	33.69 2.28 0.00	42.76 2.82 0.00	34.27 1.92 0.00	34.53 1.75 0.00

DANSKAMMER___4 23591	34.62 1.70 0.00	32.88 1.62 0.00	24.40 1.18 0.00	21.42 1.09 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.77 1.53 0.00	39.64 2.24 0.00	32.48 1.97 0.00	26.69 1.44 0.00	25.47 1.42 0.00	24.90 1.42 0.00	24.20 1.33 0.00	20.93 1.05 0.00	20.21 1.05 0.00	22.90 1.27 0.00	22.34 1.26 0.00	25.09 1.46 0.00	34.08 1.99 0.00	39.15 2.56 0.00	33.69 2.28 0.00	42.76 2.82 0.00	34.27 1.92 0.00	34.53 1.75 0.00
DANSKAMMER___DIESEL 23592	34.62 1.70 0.00	32.88 1.62 0.00	24.40 1.18 0.00	21.42 1.09 0.00	22.40 1.06 0.00	25.44 1.26 0.00	26.77 1.53 0.00	39.64 2.24 0.00	32.49 1.97 0.00	26.69 1.44 0.00	25.47 1.42 0.00	24.90 1.42 0.00	24.20 1.33 0.00	20.93 1.05 0.00	20.21 1.06 0.00	22.90 1.27 0.00	22.34 1.26 0.00	25.09 1.46 0.00	34.08 1.99 0.00	39.15 2.57 0.00	33.69 2.28 0.00	42.76 2.82 0.00	34.27 1.92 0.00	34.53 1.75 0.00
DARBY___SOLAR 323810	33.75 0.82 0.00	32.04 0.78 0.00	23.72 0.49 0.00	20.83 0.49 0.00	21.90 0.55 0.00	24.84 0.66 0.00	26.01 0.77 0.00	38.61 1.21 0.00	31.49 0.97 0.00	25.95 0.71 0.00	24.74 0.69 0.00	24.01 0.53 0.00	23.41 0.54 0.00	20.45 0.58 0.00	19.69 0.53 0.00	22.15 0.53 0.00	21.70 0.62 0.00	24.42 0.79 0.00	33.29 1.20 0.00	38.10 1.51 0.00	32.70 1.29 0.00	41.50 1.56 0.00	33.31 0.96 0.00	33.56 0.78 0.00
DASHVILLE___HYD 23610	34.17 1.25 0.00	32.46 1.20 0.00	24.10 0.88 0.00	21.17 0.83 0.00	22.12 0.77 0.00	25.11 0.94 0.00	26.44 1.20 0.00	39.14 1.73 0.00	32.08 1.56 0.00	26.36 1.12 0.00	25.16 1.11 0.00	24.62 1.14 0.00	23.96 1.09 0.00	20.68 0.81 0.00	19.96 0.80 0.00	22.65 1.02 0.00	22.07 1.00 0.00	24.74 1.10 0.00	33.59 1.50 0.00	38.60 2.01 0.00	33.23 1.82 0.00	42.18 2.24 0.00	33.83 1.47 0.00	34.08 1.30 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.46 2.54 0.00	33.81 2.56 0.00	25.96 2.14 -0.59	22.31 1.97 0.00	23.28 1.94 0.00	44.51 2.46 -17.88	52.70 2.95 -24.51	40.96 3.55 0.00	33.64 3.13 0.00	27.54 2.30 0.00	43.12 2.64 -16.43	27.60 2.60 -1.52	26.28 2.36 -1.06	22.37 1.97 -0.53	20.76 1.60 0.00	23.49 1.87 0.00	23.34 2.27 0.00	25.97 2.33 0.00	34.86 2.78 0.00	39.78 3.20 0.00	34.23 2.81 0.00	43.69 3.74 0.00	34.42 2.07 0.00	34.82 2.04 0.00
DELAWARE___LFGE 323621	33.80 0.88 0.00	32.03 0.77 0.00	23.81 0.58 0.00	20.84 0.50 0.00	21.82 0.48 0.00	24.74 0.57 0.00	25.89 0.66 0.00	38.32 0.91 0.00	31.34 0.83 0.00	25.85 0.60 0.00	24.65 0.59 0.00	24.06 0.58 0.00	23.41 0.54 0.00	20.31 0.44 0.00	19.58 0.43 0.00	22.14 0.51 0.00	21.59 0.51 0.00	24.25 0.61 0.00	32.86 0.77 0.00	37.68 1.09 0.00	32.40 0.99 0.00	41.18 1.24 0.00	33.19 0.84 0.00	33.57 0.79 0.00
DERFIELD_115KV_TB7 355931	32.95 0.03 0.00	31.28 0.02 0.00	23.22 0.00 0.00	20.35 0.01 0.00	21.33 -0.01 0.00	24.17 0.00 0.00	25.28 0.04 0.00	37.45 0.05 0.00	30.58 0.06 0.00	25.27 0.02 0.00	24.08 0.02 0.00	23.51 0.03 0.00	22.89 0.02 0.00	19.89 0.01 0.00	19.18 0.02 0.00	21.64 0.01 0.00	21.09 0.02 0.00	23.69 0.05 0.00	32.18 0.09 0.00	36.77 0.19 0.00	31.60 0.19 0.00	40.14 0.20 0.00	32.44 0.09 0.00	32.81 0.03 0.00
DOGLEVILLE___HYD 23807	32.34 -0.58 0.00	30.68 -0.58 0.00	22.76 -0.46 0.00	19.98 -0.36 0.00	20.90 -0.44 0.00	23.76 -0.41 0.00	24.94 -0.29 0.00	37.13 -0.28 0.00	30.19 -0.32 0.00	24.77 -0.48 0.00	23.53 -0.52 0.00	23.02 -0.46 0.00	22.34 -0.52 0.00	19.46 -0.41 0.00	18.79 -0.36 0.00	21.17 -0.46 0.00	20.72 -0.35 0.00	23.47 -0.16 0.00	31.87 -0.22 0.00	36.68 0.10 0.00	31.64 0.22 0.00	40.18 0.24 0.00	32.13 -0.23 0.00	32.27 -0.51 0.00
DUNKIRK___115KV_TB_200 55889	33.12 0.20 0.00	31.57 0.31 0.00	23.52 0.29 0.00	20.36 0.02 0.00	21.39 0.05 0.00	23.99 -0.18 0.00	25.03 -0.21 0.00	36.76 -0.65 0.00	30.40 -0.12 0.00	24.85 -0.40 0.00	23.74 -0.32 0.00	23.23 -0.25 0.00	22.58 -0.28 0.00	19.54 -0.34 0.00	18.74 -0.42 0.00	21.13 -0.49 0.00	20.45 -0.62 0.00	22.77 -0.86 0.00	30.62 -1.47 0.00	35.71 -0.87 0.00	30.94 -0.48 0.00	39.44 -0.51 0.00	31.32 -1.03 0.00	31.98 -0.79 0.00
DUNKIRK___1 23563	33.12 0.20 0.00	31.57 0.31 0.00	23.52 0.29 0.00	20.36 0.02 0.00	21.39 0.05 0.00	23.99 -0.18 0.00	25.03 -0.21 0.00	36.76 -0.65 0.00	30.40 -0.12 0.00	24.85 -0.40 0.00	23.74 -0.32 0.00	23.23 -0.25 0.00	22.58 -0.28 0.00	19.54 -0.34 0.00	18.74 -0.42 0.00	21.13 -0.49 0.00	20.45 -0.62 0.00	22.77 -0.86 0.00	30.62 -1.47 0.00	35.71 -0.87 0.00	30.94 -0.48 0.00	39.44 -0.51 0.00	31.32 -1.03 0.00	31.98 -0.79 0.00
DUNKIRK___2 23564	33.12 0.20 0.00	31.57 0.31 0.00	23.52 0.29 0.00	20.36 0.02 0.00	21.39 0.05 0.00	23.99 -0.18 0.00	25.03 -0.21 0.00	36.76 -0.65 0.00	30.40 -0.12 0.00	24.85 -0.40 0.00	23.74 -0.32 0.00	23.23 -0.25 0.00	22.58 -0.28 0.00	19.54 -0.34 0.00	18.74 -0.42 0.00	21.13 -0.49 0.00	20.45 -0.62 0.00	22.77 -0.86 0.00	30.62 -1.47 0.00	35.71 -0.87 0.00	30.94 -0.48 0.00	39.44 -0.51 0.00	31.32 -1.03 0.00	31.98 -0.79 0.00
DUNKIRK___3 23565	32.98 0.06 0.00	31.41 0.15 0.00	23.39 0.16 0.00	20.25 -0.08 0.00	21.30 -0.04 0.00	23.87 -0.30 0.00	24.87 -0.37 0.00	36.53 -0.88 0.00	30.19 -0.32 0.00	24.72 -0.53 0.00	23.61 -0.45 0.00	23.09 -0.39 0.00	22.47 -0.40 0.00	19.47 -0.41 0.00	18.69 -0.47 0.00	21.07 -0.56 0.00	20.39 -0.68 0.00	22.68 -0.95 0.00	30.46 -1.63 0.00	35.46 -1.13 0.00	30.71 -0.71 0.00	39.12 -0.82 0.00	31.13 -1.22 0.00	31.86 -0.92 0.00
DUNKIRK___4 23566	32.98 0.06 0.00	31.41 0.15 0.00	23.39 0.16 0.00	20.25 -0.08 0.00	21.30 -0.04 0.00	23.87 -0.30 0.00	24.87 -0.37 0.00	36.53 -0.88 0.00	30.19 -0.32 0.00	24.72 -0.53 0.00	23.61 -0.45 0.00	23.09 -0.39 0.00	22.47 -0.40 0.00	19.47 -0.41 0.00	18.69 -0.47 0.00	21.07 -0.56 0.00	20.39 -0.68 0.00	22.68 -0.95 0.00	30.46 -1.63 0.00	35.46 -1.13 0.00	30.71 -0.71 0.00	39.12 -0.82 0.00	31.13 -1.22 0.00	31.86 -0.92 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.40 1.48 0.00	32.71 1.45 0.00	24.27 1.05 0.00	21.32 0.99 0.00	22.27 0.93 0.00	25.29 1.13 0.00	26.63 1.39 0.00	39.41 2.00 0.00	32.31 1.80 0.00	26.58 1.34 0.00	25.39 1.34 0.00	24.83 1.35 0.00	24.15 1.29 0.00	20.92 1.05 0.00	20.17 1.01 0.00	22.81 1.18 0.00	22.26 1.18 0.00	24.99 1.35 0.00	33.85 1.76 0.00	38.88 2.30 0.00	33.46 2.05 0.00	42.50 2.56 0.00	34.08 1.73 0.00	34.35 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.24 1.32 0.00	32.54 1.28 0.00	24.16 0.93 0.00	21.21 0.88 0.00	22.17 0.83 0.00	25.18 1.01 0.00	26.49 1.25 0.00	39.22 1.81 0.00	32.12 1.60 0.00	26.39 1.14 0.00	25.17 1.11 0.00	24.62 1.14 0.00	23.93 1.06 0.00	20.70 0.82 0.00	19.98 0.82 0.00	22.63 1.00 0.00	22.07 1.00 0.00	24.80 1.17 0.00	33.65 1.56 0.00	38.67 2.08 0.00	33.27 1.86 0.00	42.24 2.30 0.00	33.88 1.53 0.00	34.14 1.37 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.53 1.61 0.00	32.84 1.58 0.00	24.35 1.12 0.00	21.39 1.06 0.00	22.33 0.99 0.00	25.38 1.21 0.00	26.73 1.49 0.00	39.54 2.14 0.00	32.49 1.98 0.00	26.68 1.44 0.00	25.47 1.42 0.00	24.90 1.42 0.00	24.22 1.35 0.00	20.98 1.11 0.00	20.24 1.08 0.00	22.88 1.26 0.00	22.32 1.25 0.00	25.06 1.43 0.00	33.93 1.84 0.00	38.96 2.38 0.00	33.57 2.15 0.00	42.65 2.71 0.00	34.19 1.84 0.00	34.45 1.68 0.00
E179THST_13_KV_LOAD 356214	34.67 1.75 0.00	32.96 1.71 0.00	24.43 1.21 0.00	21.47 1.14 0.00	22.41 1.07 0.00	25.47 1.30 0.00	26.83 1.59 0.00	39.69 2.29 0.00	32.62 2.10 0.00	26.79 1.55 0.00	25.58 1.53 0.00	25.01 1.53 0.00	24.33 1.46 0.00	21.07 1.20 0.00	20.33 1.17 0.00	22.99 1.36 0.00	22.42 1.34 0.00	25.17 1.54 0.00	34.08 1.99 0.00	39.14 2.55 0.00	33.72 2.30 0.00	42.84 2.90 0.00	34.34 1.98 0.00	34.59 1.81 0.00
EAST HAMPTON___GT 23717	35.67 2.75 0.00	34.03 2.77 0.00	26.11 2.29 -0.59	22.44 2.10 0.00	23.42 2.07 0.00	44.67 2.62 -17.88	52.87 3.13 -24.51	41.22 3.81 0.00	33.84 3.32 0.00	27.69 2.44 0.00	43.27 2.79 -16.43	27.74 2.75 -1.52	26.40 2.48 -1.06	22.47 2.08 -0.53	20.86 1.70 0.00	23.61 1.98 0.00	23.47 2.39 0.00	26.11 2.47 0.00	34.83 2.74 0.00	39.69 3.10 0.00	34.15 2.73 0.00	43.57 3.63 0.00	34.32 1.97 0.00	34.69 1.92 0.00
EAST RIVER___6 23660	34.69 1.77 0.00	32.99 1.73 0.00	24.46 1.24 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.48 1.31 0.00	26.85 1.61 0.00	39.73 2.32 0.00	32.62 2.10 0.00	26.83 1.59 0.00	25.62 1.57 0.00	25.06 1.58 0.00	24.38 1.52 0.00	21.13 1.25 0.00	20.38 1.23 0.00	23.04 1.42 0.00	22.47 1.40 0.00	25.22 1.59 0.00	34.16 2.07 0.00	39.25 2.66 0.00	33.78 2.37 0.00	42.89 2.95 0.00	34.41 2.05 0.00	34.66 1.88 0.00
EAST RIVER___7 23524	34.69 1.77 0.00	32.99 1.73 0.00	24.46 1.24 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.48 1.31 0.00	26.85 1.61 0.00	39.73 2.32 0.00	32.62 2.10 0.00	26.83 1.59 0.00	25.62 1.57 0.00	25.06 1.58 0.00	24.38 1.52 0.00	21.13 1.25 0.00	20.38 1.23 0.00	23.04 1.42 0.00	22.47 1.40 0.00	25.22 1.59 0.00	34.16 2.07 0.00	39.25 2.66 0.00	33.78 2.37 0.00	42.89 2.95 0.00	34.41 2.05 0.00	34.66 1.88 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.32 1.40 0.00	32.64 1.38 0.00	24.22 0.99 0.00	21.27 0.94 0.00	22.23 0.89 0.00	25.25 1.08 0.00	26.57 1.33 0.00	39.33 1.93 0.00	32.24 1.73 0.00	26.51 1.27 0.00	25.31 1.26 0.00	24.76 1.28 0.00	24.09 1.22 0.00	20.86 0.99 0.00	20.11 0.95 0.00	22.75 1.12 0.00	22.19 1.12 0.00	24.92 1.28 0.00	33.76 1.67 0.00	38.79 2.20 0.00	33.38 1.96 0.00	42.39 2.45 0.00	34.00 1.64 0.00	34.26 1.48 0.00
EAST_HAMPTON___DIESEL 23722	35.67 2.75 0.00	34.03 2.78 0.00	26.11 2.29 -0.59	22.44 2.10 0.00	23.42 2.08 0.00	44.68 2.63 -17.88	52.88 3.13 -24.51	41.22 3.82 0.00	33.84 3.33 0.00	27.70 2.45 0.00	43.28 2.80 -16.43	27.75 2.75 -1.52	26.40 2.48 -1.06	22.47 2.08 -0.53	20.87 1.71 0.00	23.61 1.98 0.00	23.47 2.40 0.00	26.11 2.48 0.00	34.80 2.71 0.00	39.62 3.03 0.00	34.09 2.67 0.00	43.49 3.55 0.00	34.26 1.91 0.00	34.63 1.85 0.00
EAST_POINT___SOLAR 323840	35.18 2.26 0.00	33.27 2.02 0.00	24.68 1.46 0.00	21.57 1.23 0.00	22.62 1.28 0.00	25.61 1.44 0.00	26.78 1.55 0.00	39.61 2.20 0.00	32.28 1.77 0.00	26.74 1.50 0.00	25.45 1.40 0.00	24.75 1.27 0.00	24.12 1.25 0.00	20.89 1.02 0.00	20.22 1.06 0.00	22.80 1.17 0.00	22.15 1.08 0.00	24.96 1.33 0.00	34.06 1.97 0.00	38.98 2.39 0.00	33.51 2.10 0.00	42.51 2.57 0.00	34.44 2.09 0.00	34.94 2.16 0.00
EAST_PULASKI___ESR 323781	32.36 -0.56 0.00	30.67 -0.59 0.00	22.62 -0.60 0.00	19.77 -0.56 0.00	20.76 -0.58 0.00	23.47 -0.70 0.00	24.47 -0.76 0.00	36.18 -1.23 0.00	29.60 -0.92 0.00	24.41 -0.83 0.00	23.16 -0.89 0.00	22.68 -0.80 0.00	22.05 -0.82 0.00	19.19 -0.68 0.00	18.50 -0.66 0.00	20.81 -0.82 0.00	20.29 -0.78 0.00	22.88 -0.75 0.00	31.30 -0.79 0.00	35.98 -0.60 0.00	31.04 -0.37 0.00	39.46 -0.48 0.00	31.75 -0.60 0.00	32.12 -0.66 0.00
EAST_RIVER___1 323558	34.60 1.68 0.00	32.90 1.65 0.00	24.40 1.18 0.00	21.44 1.10 0.00	22.39 1.04 0.00	25.41 1.25 0.00	26.78 1.54 0.00	39.62 2.22 0.00	32.53 2.01 0.00	26.76 1.51 0.00	25.54 1.49 0.00	24.98 1.50 0.00	24.31 1.44 0.00	21.06 1.19 0.00	20.32 1.16 0.00	22.97 1.35 0.00	22.40 1.33 0.00	25.14 1.50 0.00	34.04 1.95 0.00	39.11 2.53 0.00	33.67 2.26 0.00	42.77 2.82 0.00	34.31 1.95 0.00	34.56 1.78 0.00
EAST_RIVER___2 323559	34.69 1.77 0.00	32.99 1.73 0.00	24.46 1.24 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.48 1.31 0.00	26.85 1.61 0.00	39.73 2.32 0.00	32.62 2.10 0.00	26.83 1.59 0.00	25.62 1.57 0.00	25.06 1.58 0.00	24.38 1.52 0.00	21.13 1.25 0.00	20.38 1.23 0.00	23.04 1.42 0.00	22.47 1.40 0.00	25.22 1.59 0.00	34.16 2.07 0.00	39.25 2.66 0.00	33.78 2.37 0.00	42.89 2.95 0.00	34.41 2.05 0.00	34.66 1.88 0.00
EAST___DELAWARE_HYD 23607	34.37 1.45 0.00	32.63 1.37 0.00	24.22 1.00 0.00	21.26 0.92 0.00	22.22 0.88 0.00	25.24 1.07 0.00	26.56 1.32 0.00	39.32 1.92 0.00	32.19 1.68 0.00	26.46 1.22 0.00	25.22 1.17 0.00	24.64 1.16 0.00	23.90 1.03 0.00	20.63 0.75 0.00	19.96 0.80 0.00	22.61 0.98 0.00	22.09 1.02 0.00	24.79 1.16 0.00	33.67 1.58 0.00	38.79 2.20 0.00	33.39 1.98 0.00	42.37 2.43 0.00	33.96 1.61 0.00	34.22 1.45 0.00
EIGHT_POINT___WT_PWR 323820	32.39 -0.53 0.00	30.51 -0.74 0.00	22.56 -0.66 0.00	19.65 -0.68 0.00	20.59 -0.75 0.00	23.31 -0.86 0.00	24.40 -0.83 0.00	35.93 -1.47 0.00	29.82 -0.70 0.00	24.71 -0.53 0.00	23.84 -0.21 0.00	23.01 -0.46 0.00	21.59 -1.28 0.00	18.58 -1.30 0.00	17.84 -1.32 0.00	20.19 -1.44 0.00	19.65 -1.42 0.00	22.13 -1.50 0.00	30.24 -1.85 0.00	35.86 -0.72 0.00	31.52 0.11 0.00	39.99 0.05 0.00	31.85 -0.51 0.00	32.54 -0.23 0.00
ELBRIDGE_115KV_TB2 80188	32.49 -0.42 0.00	30.82 -0.44 0.00	22.89 -0.34 0.00	20.03 -0.31 0.00	21.02 -0.33 0.00	23.72 -0.45 0.00	24.81 -0.43 0.00	36.66 -0.74 0.00	30.06 -0.46 0.00	24.80 -0.45 0.00	23.57 -0.49 0.00	22.95 -0.53 0.00	22.36 -0.51 0.00	19.45 -0.42 0.00	18.75 -0.40 0.00	21.17 -0.46 0.00	20.64 -0.43 0.00	23.17 -0.46 0.00	31.39 -0.70 0.00	35.97 -0.61 0.00	30.95 -0.46 0.00	39.39 -0.55 0.00	31.69 -0.66 0.00	32.14 -0.64 0.00
ELEC_TRO_TEK 24086	34.61 1.68 0.00	32.93 1.67 0.00	25.10 1.28 -0.59	21.53 1.19 0.00	22.47 1.13 0.00	43.43 1.39 -17.88	51.39 1.64 -24.51	39.60 2.19 0.00	32.53 2.02 0.00	26.72 1.48 0.00	42.43 1.56 -16.83	28.36 1.56 -3.32	28.31 1.50 -3.94	24.89 1.22 -3.80	20.22 1.06 0.00	22.89 1.27 0.00	22.42 1.35 0.00	25.04 1.40 0.00	33.86 1.78 0.00	38.97 2.38 0.00	33.53 2.12 0.00	42.61 2.67 0.00	34.02 1.67 0.00	34.44 1.66 0.00

ELLENBURG_WT_PWR 323604	34.02 1.09 0.00	32.38 1.13 0.00	24.01 0.78 0.00	21.00 0.67 0.00	22.28 0.93 0.00	25.19 1.02 0.00	25.91 0.68 0.00	38.60 1.20 0.00	31.45 0.94 0.00	26.10 0.85 0.00	25.09 1.04 0.00	24.37 0.89 0.00	23.91 1.04 0.00	20.72 0.85 0.00	19.95 0.79 0.00	22.59 0.96 0.00	21.91 0.84 0.00	24.61 0.98 0.00	33.59 1.50 0.00	38.07 1.48 0.00	32.42 1.01 0.00	41.16 1.22 0.00	33.46 1.11 0.00	33.82 1.05 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.60 -0.32 0.00	31.03 -0.23 0.00	23.11 -0.12 0.00	19.98 -0.36 0.00	21.08 -0.26 0.00	23.58 -0.59 0.00	24.43 -0.80 0.00	35.82 -1.58 0.00	29.64 -0.88 0.00	24.37 -0.88 0.00	23.23 -0.82 0.00	22.65 -0.83 0.00	22.15 -0.72 0.00	19.22 -0.66 0.00	18.49 -0.67 0.00	20.79 -0.84 0.00	20.13 -0.94 0.00	22.32 -1.31 0.00	29.91 -2.18 0.00	34.69 -1.90 0.00	30.00 -1.42 0.00	38.19 -1.75 0.00	30.55 -1.80 0.00	31.39 -1.39 0.00
EMPIRE_CC_1 323656	32.98 0.06 0.00	31.38 0.12 0.00	23.26 0.03 0.00	20.42 0.09 0.00	21.41 0.07 0.00	24.27 0.10 0.00	25.35 0.12 0.00	37.61 0.21 0.00	30.71 0.19 0.00	25.32 0.07 0.00	24.14 0.08 0.00	23.53 0.05 0.00	22.92 0.05 0.00	19.93 0.06 0.00	19.25 0.09 0.00	21.73 0.11 0.00	21.17 0.10 0.00	23.84 0.20 0.00	32.33 0.24 0.00	36.96 0.38 0.00	31.72 0.31 0.00	40.26 0.32 0.00	32.51 0.15 0.00	32.80 0.02 0.00
EMPIRE_CC_2 323658	32.98 0.06 0.00	31.38 0.12 0.00	23.26 0.03 0.00	20.42 0.09 0.00	21.41 0.07 0.00	24.27 0.10 0.00	25.35 0.12 0.00	37.61 0.21 0.00	30.71 0.19 0.00	25.32 0.07 0.00	24.14 0.08 0.00	23.53 0.05 0.00	22.92 0.05 0.00	19.93 0.06 0.00	19.25 0.09 0.00	21.73 0.11 0.00	21.17 0.10 0.00	23.84 0.20 0.00	32.33 0.24 0.00	36.96 0.38 0.00	31.72 0.31 0.00	40.26 0.32 0.00	32.51 0.15 0.00	32.80 0.02 0.00
ENORWICH_115KV_TB1 80156	35.06 2.14 0.00	32.88 1.62 0.00	24.59 1.37 0.00	21.34 1.01 0.00	22.29 0.95 0.00	25.38 1.21 0.00	26.35 1.11 0.00	39.17 1.77 0.00	31.90 1.39 0.00	26.24 1.00 0.00	24.74 0.69 0.00	23.96 0.48 0.00	23.35 0.49 0.00	20.44 0.57 0.00	19.55 0.39 0.00	22.30 0.67 0.00	21.99 0.91 0.00	24.87 1.24 0.00	33.64 1.56 0.00	38.83 2.25 0.00	33.48 2.06 0.00	42.69 2.75 0.00	34.37 2.02 0.00	34.83 2.06 0.00
ERIE_ST__34_KV_TB1-2 80199	33.27 0.36 0.00	31.62 0.36 0.00	23.53 0.31 0.00	20.36 0.02 0.00	21.47 0.13 0.00	24.03 -0.14 0.00	24.95 -0.29 0.00	36.64 -0.77 0.00	30.28 -0.23 0.00	24.85 -0.39 0.00	23.69 -0.36 0.00	23.10 -0.38 0.00	22.55 -0.31 0.00	19.59 -0.28 0.00	18.85 -0.31 0.00	21.21 -0.41 0.00	20.53 -0.54 0.00	22.79 -0.84 0.00	30.58 -1.51 0.00	35.50 -1.09 0.00	30.70 -0.71 0.00	39.09 -0.85 0.00	31.25 -1.10 0.00	32.09 -0.69 0.00
ERIE_WT_PWR 323693	32.86 -0.06 0.00	31.26 0.00 0.00	23.25 0.03 0.00	20.11 -0.22 0.00	21.22 -0.11 0.00	23.74 -0.43 0.00	24.61 -0.62 0.00	36.14 -1.27 0.00	29.88 -0.63 0.00	24.57 -0.68 0.00	23.42 -0.63 0.00	22.85 -0.63 0.00	22.29 -0.58 0.00	19.34 -0.54 0.00	18.60 -0.56 0.00	20.92 -0.71 0.00	20.25 -0.82 0.00	22.47 -1.16 0.00	30.12 -1.97 0.00	34.97 -1.61 0.00	30.26 -1.16 0.00	38.54 -1.40 0.00	30.79 -1.56 0.00	31.64 -1.14 0.00
ESPRGFLD_115KV_TB1 80157	34.92 2.00 0.00	33.00 1.75 0.00	24.49 1.27 0.00	21.43 1.09 0.00	22.42 1.08 0.00	25.39 1.22 0.00	26.54 1.30 0.00	39.25 1.84 0.00	32.04 1.53 0.00	26.51 1.26 0.00	25.26 1.22 0.00	24.59 1.11 0.00	23.94 1.08 0.00	20.73 0.85 0.00	20.02 0.86 0.00	22.63 1.00 0.00	22.01 0.94 0.00	24.75 1.12 0.00	33.68 1.59 0.00	38.55 1.97 0.00	33.22 1.80 0.00	42.16 2.22 0.00	34.13 1.78 0.00	34.62 1.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.36 0.44 0.00	31.60 0.34 0.00	23.48 0.26 0.00	20.52 0.18 0.00	21.51 0.16 0.00	24.32 0.14 0.00	25.44 0.21 0.00	37.63 0.23 0.00	30.82 0.31 0.00	25.38 0.13 0.00	24.10 0.05 0.00	23.44 -0.04 0.00	22.78 -0.09 0.00	19.82 -0.06 0.00	19.08 -0.07 0.00	21.60 -0.03 0.00	21.07 -0.01 0.00	23.75 0.11 0.00	32.19 0.10 0.00	36.99 0.40 0.00	31.88 0.46 0.00	40.56 0.62 0.00	32.56 0.20 0.00	33.01 0.23 0.00
ETNA____115KV_TB2 80207	33.36 0.44 0.00	31.60 0.34 0.00	23.48 0.26 0.00	20.52 0.18 0.00	21.51 0.16 0.00	24.32 0.14 0.00	25.44 0.21 0.00	37.63 0.23 0.00	30.82 0.31 0.00	25.38 0.13 0.00	24.10 0.05 0.00	23.44 -0.04 0.00	22.78 -0.09 0.00	19.82 -0.06 0.00	19.08 -0.07 0.00	21.60 -0.03 0.00	21.07 -0.01 0.00	23.75 0.11 0.00	32.19 0.10 0.00	36.99 0.40 0.00	31.88 0.46 0.00	40.56 0.62 0.00	32.56 0.20 0.00	33.01 0.23 0.00
EUCLID__115KV_TB2 356179	32.25 -0.66 0.00	30.58 -0.68 0.00	22.71 -0.52 0.00	19.87 -0.47 0.00	20.84 -0.50 0.00	23.54 -0.63 0.00	24.60 -0.63 0.00	36.39 -1.01 0.00	29.78 -0.74 0.00	24.58 -0.67 0.00	23.36 -0.69 0.00	22.80 -0.67 0.00	22.20 -0.67 0.00	19.32 -0.56 0.00	18.63 -0.53 0.00	21.00 -0.63 0.00	20.48 -0.59 0.00	22.97 -0.66 0.00	31.13 -0.95 0.00	35.71 -0.88 0.00	30.73 -0.68 0.00	39.06 -0.88 0.00	31.45 -0.90 0.00	31.88 -0.90 0.00
E_CANADA_CAP_HY 24051	35.14 2.22 0.00	33.23 1.98 0.00	24.65 1.43 0.00	21.54 1.21 0.00	22.59 1.25 0.00	25.58 1.41 0.00	26.73 1.50 0.00	39.53 2.13 0.00	32.21 1.69 0.00	26.68 1.44 0.00	25.41 1.36 0.00	24.72 1.24 0.00	24.09 1.22 0.00	20.87 0.99 0.00	20.18 1.02 0.00	22.76 1.14 0.00	22.11 1.03 0.00	24.90 1.26 0.00	33.98 1.90 0.00	38.88 2.29 0.00	33.43 2.02 0.00	42.41 2.46 0.00	34.39 2.04 0.00	34.88 2.11 0.00
E_CANADA_MHWK_HY 24050	32.34 -0.58 0.00	30.68 -0.58 0.00	22.76 -0.46 0.00	19.98 -0.36 0.00	20.90 -0.44 0.00	23.76 -0.41 0.00	24.94 -0.29 0.00	37.13 -0.28 0.00	30.19 -0.32 0.00	24.77 -0.48 0.00	23.53 -0.52 0.00	23.02 -0.46 0.00	22.34 -0.52 0.00	19.46 -0.41 0.00	18.79 -0.36 0.00	21.17 -0.46 0.00	20.72 -0.35 0.00	23.47 -0.16 0.00	31.87 -0.22 0.00	36.68 0.10 0.00	31.64 0.22 0.00	40.18 0.24 0.00	32.13 -0.23 0.00	32.27 -0.51 0.00
E_FISHKILL__LBMP 23776	34.02 1.10 0.00	32.34 1.09 0.00	24.00 0.78 0.00	21.08 0.74 0.00	22.03 0.69 0.00	25.02 0.85 0.00	26.31 1.07 0.00	38.96 1.56 0.00	31.92 1.41 0.00	26.25 1.01 0.00	25.06 1.01 0.00	24.51 1.03 0.00	23.83 0.96 0.00	20.66 0.78 0.00	19.93 0.77 0.00	22.53 0.91 0.00	21.97 0.90 0.00	24.68 1.05 0.00	33.47 1.38 0.00	38.43 1.85 0.00	33.06 1.65 0.00	41.98 2.04 0.00	33.68 1.33 0.00	33.94 1.17 0.00
FALCON___SEABRD_CC1 323796	34.73 1.81 0.00	33.04 1.78 0.00	24.45 1.23 0.00	21.43 1.09 0.00	22.81 1.47 0.00	25.70 1.53 0.00	26.27 1.03 0.00	39.21 1.80 0.00	31.99 1.47 0.00	26.48 1.24 0.00	25.68 1.63 0.00	24.90 1.42 0.00	24.47 1.60 0.00	21.22 1.34 0.00	20.43 1.27 0.00	23.14 1.51 0.00	22.40 1.33 0.00	25.23 1.60 0.00	34.46 2.37 0.00	39.07 2.49 0.00	33.19 1.78 0.00	42.06 2.11 0.00	34.04 1.69 0.00	34.39 1.62 0.00

FALCON___SEABRD_CC2 323797	34.73 1.81 0.00	33.04 1.78 0.00	24.45 1.23 0.00	21.43 1.09 0.00	22.81 1.47 0.00	25.70 1.53 0.00	26.27 1.03 0.00	39.21 1.80 0.00	31.99 1.47 0.00	26.48 1.24 0.00	25.68 1.63 0.00	24.90 1.42 0.00	24.47 1.60 0.00	21.22 1.34 0.00	20.43 1.27 0.00	23.14 1.51 0.00	22.40 1.33 0.00	25.23 1.60 0.00	34.46 2.37 0.00	39.07 2.49 0.00	33.19 1.78 0.00	42.06 2.11 0.00	34.04 1.69 0.00	34.39 1.62 0.00
FAR ROCKAWAY___4 23548	35.07 2.15 0.00	33.36 2.11 0.00	25.42 1.60 -0.59	21.80 1.47 0.00	22.75 1.41 0.00	43.76 1.71 -17.88	51.72 1.97 -24.51	40.10 2.69 0.00	32.94 2.43 0.00	27.06 1.81 0.00	43.29 1.85 -17.40	31.23 1.83 -5.92	33.20 1.78 -8.55	29.84 1.46 -8.50	20.46 1.30 0.00	23.17 1.54 0.00	22.72 1.65 0.00	25.35 1.72 0.00	34.27 2.19 0.00	39.48 2.89 0.00	34.01 2.60 0.00	43.25 3.30 0.00	34.54 2.18 0.00	34.94 2.16 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.59 1.67 0.00	32.90 1.64 0.00	24.39 1.16 0.00	21.43 1.10 0.00	22.38 1.04 0.00	25.41 1.24 0.00	26.77 1.54 0.00	39.61 2.20 0.00	32.52 2.01 0.00	26.75 1.51 0.00	25.54 1.49 0.00	24.97 1.49 0.00	24.30 1.43 0.00	21.05 1.17 0.00	20.31 1.15 0.00	22.96 1.33 0.00	22.39 1.32 0.00	25.13 1.50 0.00	34.03 1.94 0.00	39.11 2.52 0.00	33.66 2.24 0.00	42.75 2.81 0.00	34.30 1.94 0.00	34.56 1.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.62 1.70 0.00	32.92 1.67 0.00	24.41 1.18 0.00	21.45 1.11 0.00	22.39 1.05 0.00	25.43 1.26 0.00	26.79 1.56 0.00	39.64 2.23 0.00	32.54 2.03 0.00	26.77 1.53 0.00	25.56 1.50 0.00	24.98 1.50 0.00	24.31 1.45 0.00	21.07 1.19 0.00	20.32 1.16 0.00	22.97 1.35 0.00	22.40 1.33 0.00	25.15 1.51 0.00	34.06 1.97 0.00	39.13 2.54 0.00	33.68 2.27 0.00	42.78 2.84 0.00	34.33 1.97 0.00	34.57 1.80 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.58 1.66 0.00	32.89 1.63 0.00	24.38 1.16 0.00	21.43 1.09 0.00	22.37 1.03 0.00	25.41 1.24 0.00	26.77 1.53 0.00	39.60 2.19 0.00	32.51 1.99 0.00	26.74 1.49 0.00	25.53 1.48 0.00	24.96 1.48 0.00	24.29 1.42 0.00	21.04 1.17 0.00	20.30 1.15 0.00	22.95 1.33 0.00	22.38 1.31 0.00	25.11 1.48 0.00	34.02 1.93 0.00	39.08 2.50 0.00	33.64 2.23 0.00	42.74 2.79 0.00	34.28 1.93 0.00	34.53 1.76 0.00
FARRAGUT___LBMP 323566	34.56 1.64 0.00	32.87 1.61 0.00	24.37 1.14 0.00	21.41 1.08 0.00	22.36 1.02 0.00	25.39 1.22 0.00	26.75 1.51 0.00	39.57 2.17 0.00	32.48 1.97 0.00	26.72 1.48 0.00	25.51 1.46 0.00	24.94 1.46 0.00	24.27 1.40 0.00	21.03 1.15 0.00	20.29 1.13 0.00	22.93 1.31 0.00	22.37 1.29 0.00	25.10 1.47 0.00	33.99 1.91 0.00	39.05 2.47 0.00	33.62 2.21 0.00	42.71 2.77 0.00	34.27 1.91 0.00	34.52 1.74 0.00
FENNER___WINDPWR 24204	33.56 0.64 0.00	31.78 0.52 0.00	23.53 0.31 0.00	20.60 0.26 0.00	21.56 0.22 0.00	24.44 0.27 0.00	25.55 0.31 0.00	37.87 0.47 0.00	30.89 0.37 0.00	25.53 0.28 0.00	24.24 0.19 0.00	23.65 0.17 0.00	23.01 0.14 0.00	19.99 0.11 0.00	19.30 0.14 0.00	21.72 0.10 0.00	21.32 0.25 0.00	24.04 0.40 0.00	32.66 0.57 0.00	37.45 0.86 0.00	32.27 0.86 0.00	40.98 1.04 0.00	32.99 0.64 0.00	33.36 0.58 0.00
FIBERTEK___ENERGY 23856	32.66 -0.26 0.00	30.95 -0.30 0.00	22.98 -0.24 0.00	20.11 -0.22 0.00	21.10 -0.24 0.00	23.84 -0.33 0.00	24.93 -0.31 0.00	36.86 -0.55 0.00	30.18 -0.33 0.00	24.91 -0.34 0.00	23.66 -0.39 0.00	23.08 -0.40 0.00	22.47 -0.40 0.00	19.54 -0.33 0.00	18.85 -0.31 0.00	21.27 -0.36 0.00	20.76 -0.31 0.00	23.30 -0.33 0.00	31.58 -0.51 0.00	36.19 -0.39 0.00	31.15 -0.27 0.00	39.59 -0.35 0.00	31.86 -0.49 0.00	32.29 -0.49 0.00
FITZPATRICK____ 23598	31.84 -1.08 0.00	30.20 -1.05 0.00	22.43 -0.80 0.00	19.64 -0.70 0.00	20.60 -0.74 0.00	23.28 -0.89 0.00	24.31 -0.93 0.00	35.97 -1.43 0.00	29.42 -1.09 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.72 -0.92 0.00	30.81 -1.28 0.00	35.28 -1.31 0.00	30.34 -1.07 0.00	38.57 -1.38 0.00	31.10 -1.26 0.00	31.52 -1.25 0.00
FLOWRFLD_69_KV_BK1 356044	34.93 2.01 0.00	33.30 2.05 0.00	25.47 1.65 -0.59	21.87 1.53 0.00	22.80 1.46 0.00	43.87 1.82 -17.88	51.92 2.17 -24.51	40.09 2.69 0.00	32.98 2.47 0.00	27.05 1.80 0.00	42.45 1.96 -16.43	27.01 2.00 -1.53	25.84 1.89 -1.08	21.94 1.52 -0.55	20.38 1.22 0.00	23.11 1.48 0.00	22.78 1.71 0.00	25.30 1.66 0.00	34.20 2.11 0.00	39.35 2.77 0.00	33.92 2.51 0.00	43.16 3.22 0.00	34.26 1.91 0.00	34.73 1.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.67 1.75 0.00	32.94 1.68 0.00	24.44 1.22 0.00	21.46 1.12 0.00	22.44 1.10 0.00	25.48 1.31 0.00	26.81 1.58 0.00	39.71 2.31 0.00	32.54 2.03 0.00	26.74 1.49 0.00	25.52 1.47 0.00	24.94 1.47 0.00	24.24 1.38 0.00	20.97 1.09 0.00	20.25 1.09 0.00	22.94 1.32 0.00	22.38 1.31 0.00	25.14 1.51 0.00	34.15 2.06 0.00	39.23 2.64 0.00	33.75 2.34 0.00	42.84 2.90 0.00	34.34 1.98 0.00	34.58 1.80 0.00
FORT ORANGE____ 23900	33.08 0.16 0.00	31.44 0.18 0.00	23.32 0.09 0.00	20.46 0.12 0.00	21.45 0.10 0.00	24.32 0.15 0.00	25.48 0.25 0.00	37.84 0.43 0.00	30.93 0.41 0.00	25.50 0.25 0.00	24.29 0.24 0.00	23.69 0.21 0.00	23.00 0.14 0.00	20.02 0.14 0.00	19.33 0.17 0.00	21.82 0.19 0.00	21.28 0.21 0.00	24.01 0.37 0.00	32.56 0.47 0.00	37.30 0.72 0.00	32.03 0.61 0.00	40.64 0.70 0.00	32.74 0.39 0.00	33.02 0.24 0.00
FORT_DRUM_COGEN 23780	32.95 0.03 0.00	31.23 -0.02 0.00	22.66 -0.57 0.00	19.73 -0.60 0.00	20.77 -0.57 0.00	23.58 -0.59 0.00	24.42 -0.82 0.00	36.13 -1.27 0.00	29.49 -1.02 0.00	24.24 -1.01 0.00	22.94 -1.12 0.00	22.63 -0.84 0.00	22.00 -0.87 0.00	19.17 -0.70 0.00	18.51 -0.64 0.00	20.58 -1.04 0.00	20.09 -0.99 0.00	22.93 -0.71 0.00	32.13 0.04 0.00	37.19 0.60 0.00	32.13 0.72 0.00	40.80 0.86 0.00	32.81 0.46 0.00	33.10 0.32 0.00
FOX_HILLS___ESR 323835	34.75 1.83 0.00	33.07 1.82 0.00	24.54 1.32 0.00	21.56 1.23 0.00	22.51 1.17 0.00	25.57 1.40 0.00	26.94 1.71 0.00	39.76 2.36 0.00	32.71 2.20 0.00	26.88 1.63 0.00	25.67 1.62 0.00	25.09 1.61 0.00	24.42 1.55 0.00	21.13 1.26 0.00	20.38 1.22 0.00	23.05 1.43 0.00	22.48 1.41 0.00	25.26 1.63 0.00	34.16 2.07 0.00	39.17 2.58 0.00	33.80 2.38 0.00	42.95 3.01 0.00	34.46 2.10 0.00	34.74 1.96 0.00
FPL FAR_ROCK_GT1 24212	35.06 2.14 0.00	33.37 2.11 0.00	25.42 1.61 -0.59	21.81 1.47 0.00	22.75 1.41 0.00	43.76 1.71 -17.88	51.72 1.97 -24.51	40.10 2.69 0.00	32.94 2.43 0.00	27.06 1.81 0.00	43.29 1.85 -17.40	31.23 1.83 -5.92	33.20 1.78 -8.55	29.84 1.46 -8.50	20.45 1.29 0.00	23.17 1.54 0.00	22.72 1.65 0.00	25.35 1.71 0.00	34.28 2.19 0.00	39.48 2.89 0.00	34.02 2.60 0.00	43.24 3.30 0.00	34.54 2.18 0.00	34.94 2.16 0.00

FPL FAR_ROCK_GT2 23815	35.06 2.14 0.00	33.37 2.11 0.00	25.42 1.61 -0.59	21.81 1.47 0.00	22.75 1.41 0.00	43.76 1.71 -17.88	51.72 1.97 -24.51	40.10 2.69 0.00	32.94 2.43 0.00	27.06 1.81 0.00	43.29 1.85 -17.40	31.23 1.83 -5.92	33.20 1.78 -8.55	29.84 1.46 -8.50	20.45 1.29 0.00	23.17 1.54 0.00	22.72 1.65 0.00	25.35 1.71 0.00	34.28 2.19 0.00	39.48 2.89 0.00	34.02 2.60 0.00	43.24 3.30 0.00	34.54 2.18 0.00	34.94 2.16 0.00
FRANKLIN_FALL_HYD 24054	34.13 1.21 0.00	32.46 1.20 0.00	24.08 0.86 0.00	21.03 0.70 0.00	22.26 0.92 0.00	25.24 1.07 0.00	25.99 0.75 0.00	38.65 1.25 0.00	31.50 0.98 0.00	26.13 0.89 0.00	25.01 0.97 0.00	24.38 0.90 0.00	23.92 1.05 0.00	20.73 0.85 0.00	19.94 0.78 0.00	22.59 0.96 0.00	21.91 0.84 0.00	24.57 0.93 0.00	33.57 1.48 0.00	38.04 1.45 0.00	32.46 1.05 0.00	41.28 1.34 0.00	33.63 1.28 0.00	34.08 1.31 0.00
FREEPORT_EQUS_GT1 23764	34.81 1.89 0.00	33.15 1.89 0.00	25.27 1.44 -0.59	21.67 1.33 0.00	22.61 1.27 0.00	43.61 1.56 -17.88	51.58 1.84 -24.51	39.83 2.43 0.00	32.74 2.22 0.00	26.88 1.63 0.00	42.55 1.72 -16.78	28.29 1.72 -3.09	28.20 1.65 -3.69	24.58 1.33 -3.38	20.31 1.15 0.00	22.99 1.37 0.00	22.57 1.49 0.00	25.18 1.54 0.00	34.05 1.96 0.00	39.21 2.62 0.00	33.74 2.32 0.00	42.87 2.93 0.00	34.21 1.85 0.00	34.63 1.85 0.00
FREEPORT___CT2 23818	34.81 1.89 0.00	33.15 1.89 0.00	25.27 1.44 -0.59	21.67 1.33 0.00	22.61 1.27 0.00	43.61 1.56 -17.88	51.58 1.84 -24.51	39.83 2.43 0.00	32.74 2.22 0.00	26.88 1.63 0.00	42.55 1.72 -16.78	28.29 1.72 -3.09	28.20 1.65 -3.69	24.58 1.33 -3.38	20.31 1.15 0.00	22.99 1.37 0.00	22.57 1.49 0.00	25.18 1.54 0.00	34.05 1.96 0.00	39.21 2.62 0.00	33.74 2.32 0.00	42.87 2.93 0.00	34.21 1.85 0.00	34.63 1.85 0.00
FRESHKLS_33_KV_LOAD 356253	34.85 1.93 0.00	33.18 1.93 0.00	24.64 1.41 0.00	21.66 1.32 0.00	22.61 1.27 0.00	25.69 1.52 0.00	27.06 1.82 0.00	39.84 2.44 0.00	32.82 2.31 0.00	26.94 1.69 0.00	25.73 1.68 0.00	25.14 1.66 0.00	24.47 1.60 0.00	21.15 1.28 0.00	20.40 1.24 0.00	23.09 1.47 0.00	22.51 1.44 0.00	25.31 1.68 0.00	34.20 2.11 0.00	39.11 2.53 0.00	33.82 2.40 0.00	43.00 3.06 0.00	34.53 2.17 0.00	34.84 2.07 0.00
FULTON COGEN____ 23766	32.11 -0.81 0.00	30.43 -0.82 0.00	22.60 -0.63 0.00	19.77 -0.57 0.00	20.75 -0.59 0.00	23.45 -0.72 0.00	24.49 -0.74 0.00	36.24 -1.17 0.00	29.65 -0.87 0.00	24.46 -0.79 0.00	23.22 -0.83 0.00	22.65 -0.83 0.00	22.04 -0.83 0.00	19.18 -0.70 0.00	18.51 -0.65 0.00	20.88 -0.75 0.00	20.38 -0.70 0.00	22.86 -0.78 0.00	31.01 -1.08 0.00	35.57 -1.01 0.00	30.62 -0.79 0.00	38.89 -1.05 0.00	31.32 -1.03 0.00	31.73 -1.05 0.00
FULTON___LFGE 323630	36.29 3.37 0.00	34.30 3.04 0.00	25.43 2.21 0.00	22.23 1.89 0.00	23.32 1.98 0.00	26.42 2.25 0.00	27.69 2.46 0.00	41.00 3.60 0.00	33.41 2.90 0.00	27.59 2.35 0.00	25.88 1.83 0.00	25.23 1.75 0.00	24.56 1.70 0.00	21.31 1.43 0.00	20.76 1.60 0.00	23.40 1.78 0.00	22.73 1.66 0.00	25.94 2.31 0.00	35.43 3.34 0.00	40.71 4.13 0.00	34.94 3.52 0.00	44.27 4.33 0.00	35.68 3.32 0.00	36.05 3.27 0.00
G.F.CEMENT___DRP 24184	33.91 0.99 0.00	32.14 0.89 0.00	23.76 0.54 0.00	20.88 0.54 0.00	22.00 0.66 0.00	24.97 0.80 0.00	26.17 0.93 0.00	38.87 1.47 0.00	31.70 1.19 0.00	26.14 0.90 0.00	24.93 0.87 0.00	24.14 0.66 0.00	23.52 0.65 0.00	20.62 0.75 0.00	19.83 0.67 0.00	22.28 0.65 0.00	21.82 0.75 0.00	24.59 0.95 0.00	33.56 1.48 0.00	38.43 1.84 0.00	32.98 1.56 0.00	41.83 1.88 0.00	33.45 1.10 0.00	33.66 0.88 0.00
GARDENVILLE___LBMP 24039	32.72 -0.20 0.00	31.14 -0.12 0.00	23.19 -0.04 0.00	20.05 -0.29 0.00	21.15 -0.19 0.00	23.66 -0.50 0.00	24.54 -0.70 0.00	36.00 -1.41 0.00	29.77 -0.75 0.00	24.47 -0.78 0.00	23.33 -0.72 0.00	22.76 -0.72 0.00	22.22 -0.64 0.00	19.28 -0.60 0.00	18.54 -0.62 0.00	20.86 -0.77 0.00	20.20 -0.87 0.00	22.41 -1.22 0.00	30.04 -2.05 0.00	34.87 -1.72 0.00	30.17 -1.25 0.00	38.39 -1.55 0.00	30.70 -1.66 0.00	31.53 -1.25 0.00
GARDNVLA_35_KV_LD 355827	32.87 -0.05 0.00	31.27 0.01 0.00	23.28 0.05 0.00	20.12 -0.21 0.00	21.24 -0.10 0.00	23.75 -0.42 0.00	24.62 -0.61 0.00	36.14 -1.26 0.00	29.91 -0.60 0.00	24.59 -0.66 0.00	23.45 -0.60 0.00	22.85 -0.62 0.00	22.32 -0.55 0.00	19.37 -0.51 0.00	18.62 -0.53 0.00	20.95 -0.68 0.00	20.28 -0.79 0.00	22.50 -1.13 0.00	30.16 -1.93 0.00	35.01 -1.58 0.00	30.28 -1.14 0.00	38.55 -1.39 0.00	30.82 -1.54 0.00	31.66 -1.12 0.00
GELCKHM___115KV_LOAD 80723	32.41 -0.51 0.00	30.72 -0.54 0.00	22.81 -0.42 0.00	19.96 -0.38 0.00	20.94 -0.40 0.00	23.65 -0.52 0.00	24.72 -0.51 0.00	36.57 -0.83 0.00	29.93 -0.58 0.00	24.71 -0.54 0.00	23.47 -0.58 0.00	22.91 -0.57 0.00	22.30 -0.57 0.00	19.40 -0.48 0.00	18.71 -0.45 0.00	21.10 -0.53 0.00	20.59 -0.49 0.00	23.09 -0.54 0.00	31.30 -0.79 0.00	35.89 -0.70 0.00	30.88 -0.53 0.00	39.26 -0.68 0.00	31.61 -0.75 0.00	32.04 -0.74 0.00
GENERAL___MILLS 23808	32.83 -0.09 0.00	31.23 -0.03 0.00	23.25 0.03 0.00	20.10 -0.23 0.00	21.21 -0.13 0.00	23.73 -0.44 0.00	24.60 -0.64 0.00	36.10 -1.30 0.00	29.88 -0.64 0.00	24.55 -0.70 0.00	23.41 -0.64 0.00	22.81 -0.66 0.00	22.28 -0.58 0.00	19.34 -0.54 0.00	18.60 -0.56 0.00	20.92 -0.71 0.00	20.24 -0.83 0.00	22.47 -1.16 0.00	30.12 -1.98 0.00	34.96 -1.63 0.00	30.24 -1.17 0.00	38.50 -1.44 0.00	30.77 -1.58 0.00	31.61 -1.17 0.00
GE_PLASTICS___DRP 24183	33.11 0.19 0.00	31.46 0.20 0.00	23.34 0.12 0.00	20.47 0.13 0.00	21.46 0.12 0.00	24.33 0.16 0.00	25.49 0.25 0.00	37.80 0.40 0.00	30.90 0.38 0.00	25.48 0.23 0.00	24.29 0.24 0.00	23.71 0.23 0.00	23.05 0.18 0.00	20.04 0.17 0.00	19.35 0.19 0.00	21.83 0.21 0.00	21.29 0.22 0.00	23.97 0.34 0.00	32.50 0.42 0.00	37.22 0.63 0.00	31.96 0.55 0.00	40.57 0.63 0.00	32.70 0.35 0.00	33.01 0.23 0.00
GILBOA___1 23756	33.44 0.51 0.00	31.77 0.51 0.00	23.57 0.35 0.00	20.68 0.34 0.00	21.66 0.32 0.00	24.56 0.39 0.00	25.73 0.49 0.00	38.07 0.66 0.00	31.13 0.61 0.00	25.68 0.44 0.00	24.50 0.45 0.00	23.93 0.45 0.00	23.28 0.41 0.00	20.22 0.34 0.00	19.49 0.33 0.00	22.02 0.39 0.00	21.47 0.40 0.00	24.12 0.49 0.00	32.70 0.61 0.00	37.44 0.86 0.00	32.19 0.78 0.00	40.89 0.95 0.00	32.95 0.60 0.00	33.29 0.51 0.00
GILBOA___2 23757	33.44 0.51 0.00	31.77 0.51 0.00	23.57 0.35 0.00	20.68 0.34 0.00	21.66 0.32 0.00	24.56 0.39 0.00	25.73 0.49 0.00	38.07 0.66 0.00	31.13 0.61 0.00	25.68 0.44 0.00	24.50 0.45 0.00	23.93 0.45 0.00	23.28 0.41 0.00	20.22 0.34 0.00	19.49 0.33 0.00	22.02 0.39 0.00	21.47 0.40 0.00	24.12 0.49 0.00	32.70 0.61 0.00	37.44 0.86 0.00	32.19 0.78 0.00	40.89 0.95 0.00	32.95 0.60 0.00	33.29 0.51 0.00

GILBOA___3 23758	33.44 0.51 0.00	31.77 0.51 0.00	23.57 0.35 0.00	20.68 0.34 0.00	21.66 0.32 0.00	24.56 0.39 0.00	25.73 0.49 0.00	38.07 0.66 0.00	31.13 0.61 0.00	25.68 0.44 0.00	24.50 0.45 0.00	23.93 0.45 0.00	23.28 0.41 0.00	20.22 0.34 0.00	19.49 0.33 0.00	22.02 0.39 0.00	21.47 0.40 0.00	24.12 0.49 0.00	32.70 0.61 0.00	37.44 0.86 0.00	32.19 0.78 0.00	40.89 0.95 0.00	32.95 0.60 0.00	33.29 0.51 0.00
GILBOA___4 23759	33.44 0.51 0.00	31.77 0.51 0.00	23.57 0.35 0.00	20.68 0.34 0.00	21.66 0.32 0.00	24.56 0.39 0.00	25.73 0.49 0.00	38.07 0.66 0.00	31.13 0.61 0.00	25.68 0.44 0.00	24.50 0.45 0.00	23.93 0.45 0.00	23.28 0.41 0.00	20.22 0.34 0.00	19.49 0.33 0.00	22.02 0.39 0.00	21.47 0.40 0.00	24.12 0.49 0.00	32.70 0.61 0.00	37.44 0.86 0.00	32.19 0.78 0.00	40.89 0.95 0.00	32.95 0.60 0.00	33.29 0.51 0.00
GILBOA___ 23599	33.44 0.51 0.00	31.77 0.51 0.00	23.58 0.35 0.00	20.68 0.34 0.00	21.66 0.32 0.00	24.56 0.39 0.00	25.73 0.49 0.00	38.07 0.66 0.00	31.13 0.61 0.00	25.68 0.44 0.00	24.50 0.45 0.00	23.93 0.45 0.00	23.28 0.41 0.00	20.22 0.34 0.00	19.49 0.33 0.00	22.02 0.40 0.00	21.47 0.40 0.00	24.13 0.49 0.00	32.70 0.61 0.00	37.44 0.86 0.00	32.19 0.78 0.00	40.89 0.95 0.00	32.96 0.60 0.00	33.29 0.51 0.00
GINNA___ 23603	30.99 -1.93 0.00	29.40 -1.85 0.00	21.86 -1.37 0.00	19.03 -1.31 0.00	20.03 -1.31 0.00	22.54 -1.63 0.00	23.48 -1.76 0.00	34.58 -2.83 0.00	28.44 -2.07 0.00	23.46 -1.79 0.00	22.21 -1.84 0.00	21.61 -1.87 0.00	21.11 -1.75 0.00	18.39 -1.49 0.00	17.71 -1.45 0.00	19.93 -1.69 0.00	19.38 -1.69 0.00	21.69 -1.94 0.00	29.39 -2.70 0.00	33.84 -2.75 0.00	29.16 -2.26 0.00	37.04 -2.90 0.00	29.75 -2.61 0.00	30.31 -2.47 0.00
GLEN PARK___ 23778	33.00 0.08 0.00	31.27 0.02 0.00	22.68 -0.54 0.00	19.77 -0.57 0.00	20.81 -0.53 0.00	23.61 -0.56 0.00	24.47 -0.77 0.00	36.21 -1.19 0.00	29.54 -0.97 0.00	24.18 -1.07 0.00	22.86 -1.19 0.00	22.57 -0.91 0.00	21.94 -0.92 0.00	19.17 -0.71 0.00	18.52 -0.64 0.00	20.52 -1.10 0.00	20.06 -1.01 0.00	22.97 -0.67 0.00	32.17 0.08 0.00	37.28 0.70 0.00	32.21 0.80 0.00	40.90 0.96 0.00	32.86 0.50 0.00	33.13 0.36 0.00
GLENDALE_27_KV_LOAD 356172	34.70 1.78 0.00	32.99 1.73 0.00	24.45 1.23 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.49 1.32 0.00	26.86 1.62 0.00	39.72 2.32 0.00	32.64 2.12 0.00	26.84 1.59 0.00	25.63 1.58 0.00	25.06 1.58 0.00	24.38 1.51 0.00	21.12 1.25 0.00	20.37 1.22 0.00	23.03 1.41 0.00	22.46 1.39 0.00	25.22 1.59 0.00	34.14 2.05 0.00	39.21 2.62 0.00	33.77 2.36 0.00	42.91 2.96 0.00	34.40 2.04 0.00	34.65 1.87 0.00
GLENWOOD_IC_1_G5 23712	34.65 1.73 0.00	32.97 1.71 0.00	25.10 1.28 -0.59	21.52 1.19 0.00	22.47 1.13 0.00	43.42 1.37 -17.88	51.40 1.65 -24.51	39.66 2.26 0.00	32.57 2.06 0.00	26.76 1.52 0.00	42.27 1.58 -16.64	27.56 1.59 -2.49	26.89 1.52 -2.51	23.40 1.23 -2.30	20.27 1.11 0.00	22.95 1.32 0.00	22.45 1.38 0.00	25.11 1.48 0.00	33.98 1.90 0.00	39.08 2.50 0.00	33.64 2.22 0.00	42.72 2.78 0.00	34.16 1.81 0.00	34.52 1.74 0.00
GLENWOOD_IC_2_G1 23688	34.50 1.58 0.00	32.83 1.57 0.00	24.98 1.16 -0.59	21.42 1.08 0.00	22.37 1.03 0.00	43.30 1.25 -17.88	51.26 1.51 -24.51	39.50 2.10 0.00	32.43 1.91 0.00	26.65 1.40 0.00	41.99 1.44 -16.49	26.74 1.45 -1.81	25.40 1.39 -1.15	22.07 1.13 -1.07	20.19 1.04 0.00	22.86 1.23 0.00	22.34 1.27 0.00	25.01 1.38 0.00	33.87 1.78 0.00	38.94 2.35 0.00	33.51 2.09 0.00	42.57 2.62 0.00	34.06 1.71 0.00	34.39 1.62 0.00
GLENWOOD_IC_3_G1 23689	34.50 1.58 0.00	32.83 1.57 0.00	24.98 1.16 -0.59	21.42 1.08 0.00	22.37 1.03 0.00	43.30 1.25 -17.88	51.26 1.51 -24.51	39.50 2.10 0.00	32.43 1.91 0.00	26.65 1.40 0.00	41.99 1.44 -16.49	26.74 1.45 -1.81	25.40 1.39 -1.15	22.07 1.13 -1.07	20.19 1.04 0.00	22.86 1.23 0.00	22.34 1.27 0.00	25.01 1.38 0.00	33.87 1.78 0.00	38.94 2.35 0.00	33.51 2.09 0.00	42.57 2.62 0.00	34.06 1.71 0.00	34.39 1.62 0.00
GLENWOOD___4 23550	34.65 1.73 0.00	32.97 1.71 0.00	25.10 1.28 -0.59	21.52 1.19 0.00	22.47 1.13 0.00	43.42 1.37 -17.88	51.40 1.65 -24.51	39.66 2.26 0.00	32.57 2.06 0.00	26.76 1.52 0.00	42.27 1.58 -16.64	27.56 1.59 -2.49	26.89 1.52 -2.51	23.40 1.23 -2.30	20.27 1.11 0.00	22.95 1.32 0.00	22.45 1.38 0.00	25.11 1.48 0.00	33.98 1.90 0.00	39.08 2.50 0.00	33.64 2.22 0.00	42.72 2.78 0.00	34.16 1.81 0.00	34.52 1.74 0.00
GLENWOOD___5 23614	34.65 1.73 0.00	32.97 1.71 0.00	25.10 1.28 -0.59	21.52 1.19 0.00	22.47 1.13 0.00	43.42 1.37 -17.88	51.40 1.65 -24.51	39.66 2.26 0.00	32.57 2.06 0.00	26.76 1.52 0.00	42.27 1.58 -16.64	27.56 1.59 -2.49	26.89 1.52 -2.51	23.40 1.23 -2.30	20.27 1.11 0.00	22.95 1.32 0.00	22.45 1.38 0.00	25.11 1.48 0.00	33.98 1.90 0.00	39.08 2.50 0.00	33.64 2.22 0.00	42.72 2.78 0.00	34.16 1.81 0.00	34.52 1.74 0.00
GLOBAL GREEN_PORT_GT1 23814	35.60 2.68 0.00	33.96 2.70 0.00	26.05 2.24 -0.59	22.39 2.06 0.00	23.37 2.03 0.00	44.61 2.56 -17.88	52.80 3.05 -24.51	41.11 3.71 0.00	33.77 3.26 0.00	27.65 2.40 0.00	43.22 2.74 -16.43	27.69 2.70 -1.52	26.36 2.43 -1.06	22.44 2.04 -0.53	20.82 1.67 0.00	23.57 1.94 0.00	23.44 2.36 0.00	26.07 2.43 0.00	34.90 2.81 0.00	39.90 3.31 0.00	34.32 2.91 0.00	43.79 3.85 0.00	34.51 2.15 0.00	34.89 2.11 0.00
GLOBE___DSASP 323697	31.67 -1.25 0.00	30.16 -1.10 0.00	22.47 -0.76 0.00	19.41 -0.93 0.00	20.51 -0.83 0.00	22.91 -1.26 0.00	23.66 -1.57 0.00	34.63 -2.77 0.00	28.70 -1.81 0.00	23.65 -1.59 0.00	22.54 -1.52 0.00	21.96 -1.53 0.00	21.54 -1.33 0.00	18.72 -1.15 0.00	18.01 -1.15 0.00	20.23 -1.39 0.00	19.58 -1.49 0.00	21.66 -1.97 0.00	28.91 -3.17 0.00	33.44 -3.15 0.00	28.91 -2.50 0.00	36.81 -3.14 0.00	29.52 -2.84 0.00	30.40 -2.38 0.00
GOETHSLN___LBMP 323567	34.39 1.47 0.00	32.72 1.46 0.00	24.27 1.04 0.00	21.33 0.99 0.00	22.26 0.92 0.00	25.28 1.11 0.00	26.64 1.41 0.00	39.40 2.00 0.00	32.36 1.84 0.00	26.60 1.35 0.00	25.38 1.33 0.00	24.82 1.35 0.00	24.16 1.29 0.00	20.92 1.05 0.00	20.19 1.03 0.00	22.83 1.20 0.00	22.26 1.19 0.00	24.99 1.36 0.00	33.84 1.75 0.00	38.88 2.30 0.00	33.47 2.05 0.00	42.51 2.57 0.00	34.11 1.76 0.00	34.38 1.60 0.00
GOLAH___69_KV_TB 1_2 80279	32.79 -0.13 0.00	31.14 -0.12 0.00	23.17 -0.06 0.00	20.10 -0.23 0.00	21.19 -0.15 0.00	23.78 -0.39 0.00	24.71 -0.53 0.00	36.35 -1.06 0.00	29.96 -0.55 0.00	24.67 -0.57 0.00	23.35 -0.70 0.00	22.68 -0.80 0.00	22.20 -0.67 0.00	19.29 -0.59 0.00	18.57 -0.59 0.00	20.90 -0.73 0.00	20.30 -0.77 0.00	22.60 -1.03 0.00	30.52 -1.57 0.00	35.34 -1.25 0.00	30.52 -0.90 0.00	38.78 -1.16 0.00	31.12 -1.23 0.00	31.81 -0.96 0.00

GOODYEAR_LAKE_HYD 323669	34.29 1.37 0.00	32.46 1.20 0.00	24.10 0.88 0.00	21.11 0.77 0.00	22.08 0.74 0.00	25.03 0.86 0.00	26.18 0.95 0.00	38.74 1.34 0.00	31.69 1.17 0.00	26.16 0.91 0.00	24.94 0.89 0.00	24.32 0.84 0.00	23.66 0.79 0.00	20.50 0.63 0.00	19.78 0.62 0.00	22.37 0.74 0.00	21.80 0.73 0.00	24.51 0.87 0.00	33.25 1.16 0.00	38.09 1.51 0.00	32.80 1.38 0.00	41.66 1.71 0.00	33.61 1.25 0.00	34.02 1.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.19 0.27 0.00	31.48 0.22 0.00	23.37 0.14 0.00	20.42 0.09 0.00	21.40 0.05 0.00	24.18 0.02 0.00	25.33 0.09 0.00	37.44 0.04 0.00	30.69 0.17 0.00	25.23 -0.02 0.00	24.07 0.02 0.00	23.54 0.06 0.00	22.84 -0.03 0.00	19.85 -0.02 0.00	19.12 -0.04 0.00	21.63 0.00 0.00	21.04 -0.04 0.00	23.59 -0.04 0.00	31.93 -0.16 0.00	36.75 0.16 0.00	31.67 0.25 0.00	40.30 0.35 0.00	32.32 -0.04 0.00	32.78 0.01 0.00
GOUDEY___7 23579	33.22 0.30 0.00	31.50 0.24 0.00	23.39 0.17 0.00	20.44 0.11 0.00	21.42 0.07 0.00	24.21 0.04 0.00	25.35 0.12 0.00	37.48 0.07 0.00	30.71 0.20 0.00	25.25 0.00 0.00	24.09 0.03 0.00	23.56 0.08 0.00	22.86 -0.01 0.00	19.87 0.00 0.00	19.14 -0.02 0.00	21.65 0.02 0.00	21.06 -0.02 0.00	23.62 -0.02 0.00	31.96 -0.13 0.00	36.78 0.19 0.00	31.70 0.28 0.00	40.33 0.39 0.00	32.35 -0.01 0.00	32.81 0.04 0.00
GOUDEY___8 23580	33.19 0.27 0.00	31.48 0.22 0.00	23.37 0.14 0.00	20.42 0.09 0.00	21.40 0.05 0.00	24.18 0.02 0.00	25.33 0.09 0.00	37.44 0.04 0.00	30.69 0.17 0.00	25.23 -0.02 0.00	24.07 0.02 0.00	23.54 0.06 0.00	22.84 -0.03 0.00	19.85 -0.02 0.00	19.12 -0.04 0.00	21.63 0.00 0.00	21.04 -0.04 0.00	23.59 -0.04 0.00	31.93 -0.16 0.00	36.75 0.16 0.00	31.67 0.25 0.00	40.30 0.35 0.00	32.32 -0.04 0.00	32.78 0.01 0.00
GOWANUS_GT1_1 24077	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT1_2 24078	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT1_3 24079	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT1_4 24080	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT1_5 24084	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT1_6 24111	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT1_7 24112	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT1_8 24113	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT2_1 24114	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT2_2 24115	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT2_3 24116	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00

GOWANUS_GT2_4 24117	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT2_5 24118	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT2_6 24119	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT2_7 24120	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT2_8 24121	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT3_1 24122	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 																

GOWANUS_GT4_3 24132	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT4_4 24133	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT4_5 24134	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT4_6 24135	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT4_7 24136	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GOWANUS_GT4_8 24137	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GREENBSH_115KV_TB3 55895	32.87 -0.05 0.00	31.24 -0.02 0.00	23.16 -0.06 0.00	20.33 0.00 0.00	21.31 -0.03 0.00	24.17 0.00 0.00	25.31 0.07 0.00	37.58 0.18 0.00	30.71 0.20 0.00	25.34 0.09 0.00	24.15 0.10 0.00	23.56 0.09 0.00	22.91 0.05 0.00	19.94 0.06 0.00	19.24 0.08 0.00	21.71 0.09 0.00	21.18 0.11 0.00	23.86 0.22 0.00	32.34 0.25 0.00	37.02 0.44 0.00	31.79 0.38 0.00	40.36 0.41 0.00	32.52 0.16 0.00	32.81 0.03 0.00
GREENDGE_115KV_TB5 80291	32.85 -0.07 0.00	31.15 -0.11 0.00	23.22 0.00 0.00	20.24 -0.09 0.00	21.24 -0.10 0.00	24.00 -0.17 0.00	25.11 -0.13 0.00	36.83 -0.57 0.00	30.47 -0.05 0.00	25.09 -0.16 0.00	23.89 -0.16 0.00	23.12 -0.36 0.00	22.31 -0.56 0.00	19.40 -0.47 0.00	18.65 -0.51 0.00	21.12 -0.50 0.00	20.54 -0.53 0.00	23.12 -0.52 0.00	31.38 -0.71 0.00	36.19 -0.39 0.00	31.39 -0.03 0.00	39.86 -0.08 0.00	31.86 -0.49 0.00	32.52 -0.26 0.00
GREENIDGE___3 23582	32.85 -0.07 0.00	31.15 -0.11 0.00	23.22 0.00 0.00	20.24 -0.09 0.00	21.24 -0.10 0.00	24.00 -0.17 0.00	25.11 -0.13 0.00	36.83 -0.57 0.00	30.47 -0.05 0.00	25.09 -0.16 0.00	23.89 -0.16 0.00	23.12 -0.36 0.00	22.31 -0.56 0.00	19.40 -0.47 0.00	18.65 -0.51 0.00	21.12 -0.50 0.00	20.54 -0.53 0.00	23.12 -0.52 0.00	31.38 -0.71 0.00	36.19 -0.39 0.00	31.39 -0.03 0.00	39.86 -0.08 0.00	31.86 -0.49 0.00	32.52 -0.26 0.00
GREENIDGE___4 23583	32.86 -0.06 0.00	31.15 -0.10 0.00	23.22 -0.01 0.00	20.24 -0.09 0.00	21.24 -0.10 0.00	24.00 -0.17 0.00	25.11 -0.13 0.00	36.83 -0.57 0.00	30.47 -0.05 0.00	25.09 -0.16 0.00	23.89 -0.16 0.00	23.12 -0.36 0.00	22.31 -0.56 0.00	19.40 -0.47 0.00	18.65 -0.51 0.00	21.13 -0.50 0.00	20.54 -0.53 0.00	23.12 -0.51 0.00	31.38 -0.71 0.00	36.19 -0.39 0.00	31.38 -0.03 0.00	39.86 -0.08 0.00	31.87 -0.49 0.00	32.52 -0.26 0.00
GREENLWN_69_KV_BK 3 55738	34.53 1.61 0.00	32.95 1.69 0.00	25.18 1.36 -0.59	21.61 1.28 0.00	22.53 1.20 0.00	43.50 1.45 -17.88	51.47 1.72 -24.51	39.54 2.13 0.00	32.51 1.99 0.00	26.69 1.44 0.00	42.07 1.58 -16.44	26.65 1.60 -1.57	25.60 1.59 -1.14	21.75 1.26 -0.61	20.21 1.05 0.00	22.86 1.23 0.00	22.43 1.36 0.00	24.96 1.32 0.00	33.64 1.55 0.00	38.67 2.09 0.00	33.24 1.83 0.00	42.26 2.32 0.00	33.66 1.30 0.00	34.20 1.42 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
GRISSOM___SOLAR 323813	36.29 3.37 0.00	34.30 3.04 0.00	25.43 2.21 0.00	22.23 1.89 0.00	23.32 1.98 0.00	26.42 2.25 0.00	27.69 2.46 0.00	41.00 3.60 0.00	33.41 2.90 0.00	27.59 2.35 0.00	25.88 1.83 0.00	25.23 1.75 0.00	24.56 1.70 0.00	21.31 1.43 0.00	20.76 1.60 0.00	23.40 1.78 0.00	22.73 1.66 0.00	25.94 2.31 0.00	35.43 3.34 0.00	40.71 4.13 0.00	34.94 3.52 0.00	44.27 4.33 0.00	35.68 3.32 0.00	36.05 3.27 0.00
GROVEVILLE___HYD 323602	34.67 1.75 0.00	32.94 1.68 0.00	24.44 1.22 0.00	21.46 1.12 0.00	22.44 1.10 0.00	25.48 1.31 0.00	26.81 1.58 0.00	39.71 2.31 0.00	32.54 2.03 0.00	26.74 1.49 0.00	25.52 1.47 0.00	24.94 1.47 0.00	24.24 1.38 0.00	20.97 1.09 0.00	20.25 1.09 0.00	22.94 1.32 0.00	22.38 1.31 0.00	25.14 1.51 0.00	34.15 2.06 0.00	39.23 2.64 0.00	33.75 2.34 0.00	42.84 2.90 0.00	34.34 1.98 0.00	34.58 1.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.66 -0.26 0.00	30.95 -0.30 0.00	22.98 -0.24 0.00	20.11 -0.22 0.00	21.10 -0.24 0.00	23.84 -0.33 0.00	24.93 -0.31 0.00	36.86 -0.55 0.00	30.18 -0.33 0.00	24.91 -0.34 0.00	23.66 -0.39 0.00	23.08 -0.40 0.00	22.47 -0.40 0.00	19.54 -0.33 0.00	18.85 -0.31 0.00	21.27 -0.36 0.00	20.76 -0.31 0.00	23.30 -0.33 0.00	31.58 -0.51 0.00	36.19 -0.39 0.00	31.15 -0.27 0.00	39.59 -0.35 0.00	31.86 -0.49 0.00	32.29 -0.49 0.00

HAMLTNNY_34_KV_TB 80303	32.72 -0.21 0.00	31.03 -0.23 0.00	23.04 -0.19 0.00	20.15 -0.18 0.00	21.15 -0.19 0.00	23.86 -0.31 0.00	24.98 -0.26 0.00	36.91 -0.49 0.00	30.25 -0.26 0.00	24.97 -0.28 0.00	23.70 -0.35 0.00	23.07 -0.41 0.00	22.48 -0.38 0.00	19.55 -0.33 0.00	18.84 -0.31 0.00	21.28 -0.34 0.00	20.76 -0.32 0.00	23.30 -0.33 0.00	31.57 -0.52 0.00	36.19 -0.39 0.00	31.16 -0.25 0.00	39.65 -0.29 0.00	31.88 -0.48 0.00	32.32 -0.46 0.00
HAMPSHIRE___PAPER_HYD 323593	33.12 0.20 0.00	31.42 0.16 0.00	23.06 -0.16 0.00	20.12 -0.22 0.00	21.21 -0.13 0.00	24.08 -0.09 0.00	24.79 -0.44 0.00	36.66 -0.75 0.00	29.84 -0.68 0.00	24.76 -0.49 0.00	23.56 -0.50 0.00	23.16 -0.32 0.00	22.62 -0.25 0.00	19.65 -0.22 0.00	18.93 -0.23 0.00	21.26 -0.37 0.00	20.62 -0.45 0.00	23.21 -0.43 0.00	32.16 0.07 0.00	36.78 0.20 0.00	31.62 0.20 0.00	40.29 0.34 0.00	32.74 0.39 0.00	33.24 0.46 0.00
HARDSCRABBLE_WT_PWR 323673	32.41 -0.51 0.00	30.73 -0.53 0.00	22.79 -0.43 0.00	19.99 -0.35 0.00	20.92 -0.42 0.00	23.77 -0.40 0.00	24.94 -0.30 0.00	37.13 -0.28 0.00	30.13 -0.38 0.00	24.75 -0.50 0.00	23.58 -0.47 0.00	23.06 -0.42 0.00	22.38 -0.49 0.00	19.47 -0.40 0.00	18.81 -0.35 0.00	21.14 -0.49 0.00	20.69 -0.39 0.00	23.38 -0.25 0.00	31.83 -0.26 0.00	36.63 0.04 0.00	31.64 0.22 0.00	40.15 0.21 0.00	32.19 -0.17 0.00	32.35 -0.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.21 1.29 0.00	32.51 1.25 0.00	24.15 0.92 0.00	21.20 0.86 0.00	22.16 0.82 0.00	25.17 1.00 0.00	26.48 1.24 0.00	39.19 1.79 0.00	32.11 1.59 0.00	26.38 1.13 0.00	25.14 1.09 0.00	24.62 1.14 0.00	23.93 1.06 0.00	20.71 0.84 0.00	19.98 0.83 0.00	22.63 1.00 0.00	22.06 0.99 0.00	24.81 1.17 0.00	33.62 1.53 0.00	38.62 2.04 0.00	33.25 1.83 0.00	42.20 2.26 0.00	33.85 1.49 0.00	34.12 1.34 0.00
HARSNRAD_115KV_TB1 81005	32.31 -0.61 0.00	30.75 -0.51 0.00	22.94 -0.28 0.00	19.82 -0.52 0.00	20.94 -0.40 0.00	23.40 -0.77 0.00	24.16 -1.08 0.00	35.34 -2.06 0.00	29.28 -1.24 0.00	24.08 -1.17 0.00	22.91 -1.15 0.00	22.29 -1.19 0.00	21.84 -1.03 0.00	18.96 -0.91 0.00	18.25 -0.91 0.00	20.50 -1.13 0.00	19.85 -1.23 0.00	21.98 -1.66 0.00	29.42 -2.67 0.00	34.13 -2.46 0.00	29.54 -1.87 0.00	37.58 -2.36 0.00	30.11 -2.24 0.00	30.98 -1.79 0.00
HARZA MOOSE___RIVER 24016	33.39 0.46 0.00	31.64 0.38 0.00	23.18 -0.05 0.00	20.24 -0.09 0.00	21.27 -0.06 0.00	24.13 -0.04 0.00	25.07 -0.16 0.00	37.13 -0.27 0.00	30.34 -0.18 0.00	25.17 -0.08 0.00	23.91 -0.14 0.00	23.44 -0.04 0.00	22.77 -0.09 0.00	19.77 -0.10 0.00	19.07 -0.08 0.00	21.45 -0.18 0.00	20.88 -0.19 0.00	23.61 -0.02 0.00	32.62 0.54 0.00	37.53 0.95 0.00	32.33 0.91 0.00	41.06 1.12 0.00	33.09 0.73 0.00	33.41 0.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.43 -0.49 0.00	30.74 -0.52 0.00	22.83 -0.40 0.00	19.97 -0.37 0.00	20.95 -0.39 0.00	23.67 -0.50 0.00	24.74 -0.50 0.00	36.59 -0.82 0.00	29.95 -0.57 0.00	24.71 -0.54 0.00	23.49 -0.57 0.00	22.92 -0.56 0.00	22.31 -0.56 0.00	19.41 -0.46 0.00	18.74 -0.42 0.00	21.14 -0.49 0.00	20.63 -0.44 0.00	23.14 -0.49 0.00	31.36 -0.73 0.00	35.97 -0.62 0.00	30.94 -0.47 0.00	39.29 -0.65 0.00	31.62 -0.73 0.00	32.04 -0.73 0.00
HELLGATE_13_KV_LD 55870	34.53 1.61 0.00	32.86 1.60 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.39 1.22 0.00	26.74 1.51 0.00	39.56 2.16 0.00	32.50 1.99 0.00	26.72 1.47 0.00	25.51 1.46 0.00	24.94 1.46 0.00	24.26 1.40 0.00	21.03 1.15 0.00	20.29 1.13 0.00	22.93 1.31 0.00	22.36 1.28 0.00	25.10 1.47 0.00	33.98 1.89 0.00	39.02 2.44 0.00	33.61 2.20 0.00	42.71 2.76 0.00	34.25 1.89 0.00	34.49 1.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.53 1.61 0.00	32.86 1.60 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.39 1.22 0.00	26.74 1.51 0.00	39.56 2.16 0.00	32.50 1.99 0.00	26.72 1.47 0.00	25.51 1.46 0.00	24.94 1.46 0.00	24.26 1.40 0.00	21.03 1.15 0.00	20.29 1.13 0.00	22.93 1.31 0.00	22.36 1.28 0.00	25.10 1.47 0.00	33.98 1.89 0.00	39.02 2.44 0.00	33.61 2.20 0.00	42.71 2.76 0.00	34.25 1.89 0.00	34.49 1.71 0.00
HEMPSTEAD____ 23647	34.57 1.64 0.00	32.91 1.65 0.00	25.08 1.26 -0.59	21.51 1.17 0.00	22.45 1.11 0.00	43.41 1.36 -17.88	51.38 1.63 -24.51	39.57 2.17 0.00	32.52 2.00 0.00	26.70 1.46 0.00	42.29 1.55 -16.69	27.72 1.55 -2.69	27.30 1.49 -2.95	23.73 1.20 -2.66	20.20 1.04 0.00	22.87 1.24 0.00	22.42 1.34 0.00	25.02 1.38 0.00	33.85 1.76 0.00	38.95 2.36 0.00	33.52 2.10 0.00	42.59 2.64 0.00	34.00 1.64 0.00	34.40 1.62 0.00
HEWLETT_69_KV_BK3 55828	34.91 1.99 0.00	33.22 1.96 0.00	25.31 1.49 -0.59	21.72 1.38 0.00	22.66 1.32 0.00	43.66 1.61 -17.88	51.61 1.86 -24.51	39.92 2.51 0.00	32.80 2.29 0.00	26.95 1.70 0.00	43.19 1.74 -17.40	31.14 1.73 -5.92	33.10 1.68 -8.55	29.75 1.37 -8.50	20.37 1.22 0.00	23.07 1.44 0.00	22.62 1.55 0.00	25.24 1.60 0.00	34.12 2.03 0.00	39.29 2.71 0.00	33.83 2.41 0.00	43.00 3.06 0.00	34.35 1.99 0.00	34.77 1.99 0.00
HICKLING___1 23621	33.13 0.21 0.00	31.41 0.16 0.00	23.29 0.07 0.00	20.31 -0.02 0.00	21.26 -0.08 0.00	24.04 -0.13 0.00	25.20 -0.03 0.00	37.20 -0.20 0.00	30.63 0.12 0.00	25.14 -0.11 0.00	24.08 0.03 0.00	23.49 0.01 0.00	22.58 -0.29 0.00	19.60 -0.28 0.00	18.83 -0.33 0.00	21.33 -0.30 0.00	20.71 -0.36 0.00	23.22 -0.41 0.00	31.51 -0.58 0.00	36.59 0.01 0.00	31.72 0.30 0.00	40.41 0.46 0.00	32.23 -0.13 0.00	32.78 0.00 0.00
HICKLING___2 23622	33.13 0.21 0.00	31.41 0.16 0.00	23.29 0.07 0.00	20.31 -0.02 0.00	21.26 -0.08 0.00	24.04 -0.13 0.00	25.20 -0.03 0.00	37.20 -0.20 0.00	30.63 0.12 0.00	25.14 -0.11 0.00	24.08 0.03 0.00	23.49 0.01 0.00	22.58 -0.29 0.00	19.60 -0.28 0.00	18.83 -0.33 0.00	21.33 -0.30 0.00	20.71 -0.36 0.00	23.22 -0.41 0.00	31.51 -0.58 0.00	36.59 0.01 0.00	31.72 0.30 0.00	40.41 0.46 0.00	32.23 -0.13 0.00	32.78 0.00 0.00
HIGH FALLS___HY 23754	34.75 1.83 0.00	32.99 1.74 0.00	24.51 1.28 0.00	21.50 1.17 0.00	22.46 1.13 0.00	25.52 1.35 0.00	26.89 1.65 0.00	39.78 2.38 0.00	32.60 2.08 0.00	26.77 1.52 0.00	25.51 1.46 0.00	24.93 1.45 0.00	24.18 1.32 0.00	20.83 0.95 0.00	20.15 1.00 0.00	22.86 1.23 0.00	22.35 1.28 0.00	25.04 1.41 0.00	34.03 1.94 0.00	39.23 2.64 0.00	33.79 2.38 0.00	42.89 2.95 0.00	34.36 2.00 0.00	34.62 1.84 0.00
HILLBURN___GT 23639	34.16 1.23 0.00	32.48 1.23 0.00	24.13 0.91 0.00	21.19 0.85 0.00	22.14 0.80 0.00	25.14 0.97 0.00	26.48 1.24 0.00	39.20 1.79 0.00	32.10 1.59 0.00	26.36 1.11 0.00	25.14 1.08 0.00	24.62 1.14 0.00	23.95 1.08 0.00	20.72 0.84 0.00	19.98 0.82 0.00	22.61 0.99 0.00	22.06 0.99 0.00	24.78 1.15 0.00	33.57 1.48 0.00	38.58 2.00 0.00	33.22 1.81 0.00	42.17 2.23 0.00	33.82 1.46 0.00	34.09 1.31 0.00

HILLSIDE_115KV_TB1 80332	32.82 -0.11 0.00	31.14 -0.12 0.00	23.09 -0.13 0.00	20.16 -0.17 0.00	21.09 -0.25 0.00	23.83 -0.34 0.00	25.02 -0.21 0.00	36.93 -0.47 0.00	30.36 -0.16 0.00	24.87 -0.38 0.00	23.81 -0.24 0.00	23.32 -0.16 0.00	22.49 -0.38 0.00	19.54 -0.34 0.00	18.79 -0.37 0.00	21.29 -0.34 0.00	20.64 -0.43 0.00	23.14 -0.50 0.00	31.30 -0.78 0.00	36.26 -0.33 0.00	31.36 -0.05 0.00	39.99 0.05 0.00	31.87 -0.49 0.00	32.39 -0.38 0.00
HISHELDN_WT_PWR 323625	32.37 -0.55 0.00	30.83 -0.43 0.00	22.94 -0.29 0.00	19.84 -0.49 0.00	20.94 -0.40 0.00	23.42 -0.74 0.00	24.26 -0.98 0.00	35.62 -1.79 0.00	29.46 -1.05 0.00	24.26 -0.99 0.00	23.16 -0.89 0.00	22.56 -0.92 0.00	21.93 -0.93 0.00	18.99 -0.88 0.00	18.28 -0.87 0.00	20.57 -1.06 0.00	19.91 -1.17 0.00	22.12 -1.51 0.00	29.69 -2.40 0.00	34.53 -2.06 0.00	29.90 -1.51 0.00	38.05 -1.89 0.00	30.40 -1.96 0.00	31.26 -1.52 0.00
HOLTSVILLE_IC_1 23690	34.91 1.99 0.00	33.31 2.05 0.00	25.47 1.65 -0.59	21.86 1.53 0.00	22.80 1.46 0.00	43.88 1.83 -17.88	51.94 2.19 -24.51	40.09 2.68 0.00	32.96 2.45 0.00	27.04 1.79 0.00	42.44 1.96 -16.43	26.96 1.97 -1.51	25.78 1.86 -1.05	21.90 1.51 -0.51	20.38 1.23 0.00	23.09 1.46 0.00	22.76 1.69 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.77 0.00	33.91 2.49 0.00	43.16 3.22 0.00	34.28 1.93 0.00	34.75 1.97 0.00
HOLTSVILLE_IC_10 23699	35.02 2.09 0.00	33.40 2.15 0.00	25.55 1.73 -0.59	21.94 1.61 0.00	22.88 1.54 0.00	43.98 1.93 -17.88	52.05 2.30 -24.51	40.22 2.82 0.00	33.09 2.57 0.00	27.13 1.89 0.00	42.55 2.07 -16.43	27.10 2.08 -1.54	25.91 1.95 -1.09	22.02 1.59 -0.56	20.43 1.28 0.00	23.16 1.53 0.00	22.86 1.78 0.00	25.41 1.78 0.00	34.37 2.28 0.00	39.54 2.95 0.00	34.06 2.65 0.00	43.38 3.44 0.00	34.41 2.05 0.00	34.86 2.09 0.00
HOLTSVILLE_IC_2 23691	34.91 1.99 0.00	33.31 2.05 0.00	25.47 1.65 -0.59	21.86 1.53 0.00	22.80 1.46 0.00	43.88 1.83 -17.88	51.94 2.19 -24.51	40.09 2.68 0.00	32.96 2.45 0.00	27.04 1.79 0.00	42.44 1.96 -16.43	26.96 1.97 -1.51	25.78 1.86 -1.05	21.90 1.51 -0.51	20.38 1.23 0.00	23.09 1.46 0.00	22.76 1.69 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.77 0.00	33.91 2.49 0.00	43.16 3.22 0.00	34.28 1.93 0.00	34.75 1.97 0.00
HOLTSVILLE_IC_3 23692	34.91 1.99 0.00	33.31 2.05 0.00	25.47 1.65 -0.59	21.86 1.53 0.00	22.80 1.46 0.00	43.88 1.83 -17.88	51.94 2.19 -24.51	40.09 2.68 0.00	32.96 2.45 0.00	27.04 1.79 0.00	42.44 1.96 -16.43	26.96 1.97 -1.51	25.78 1.86 -1.05	21.90 1.51 -0.51	20.38 1.23 0.00	23.09 1.46 0.00	22.76 1.69 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.77 0.00	33.91 2.49 0.00	43.16 3.22 0.00	34.28 1.93 0.00	34.75 1.97 0.00
HOLTSVILLE_IC_4 23693	34.91 1.99 0.00	33.31 2.05 0.00	25.47 1.65 -0.59	21.86 1.53 0.00	22.80 1.46 0.00	43.88 1.83 -17.88	51.94 2.19 -24.51	40.09 2.68 0.00	32.96 2.45 0.00	27.04 1.79 0.00	42.44 1.96 -16.43	26.96 1.97 -1.51	25.78 1.86 -1.05	21.90 1.51 -0.51	20.38 1.23 0.00	23.09 1.46 0.00	22.76 1.69 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.77 0.00	33.91 2.49 0.00	43.16 3.22 0.00	34.28 1.93 0.00	34.75 1.97 0.00
HOLTSVILLE_IC_5 23694	34.91 1.99 0.00	33.31 2.05 0.00	25.47 1.65 -0.59	21.86 1.53 0.00	22.80 1.46 0.00	43.88 1.83 -17.88	51.94 2.19 -24.51	40.09 2.68 0.00	32.96 2.45 0.00	27.04 1.79 0.00	42.44 1.96 -16.43	26.96 1.97 -1.51	25.78 1.86 -1.05	21.90 1.51 -0.51	20.38 1.23 0.00	23.09 1.46 0.00	22.76 1.69 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.77 0.00	33.91 2.49 0.00	43.16 3.22 0.00	34.28 1.93 0.00	34.75 1.97 0.00
HOLTSVILLE_IC_6 23695	35.02 2.09 0.00	33.40 2.15 0.00	25.55 1.73 -0.59	21.94 1.61 0.00	22.88 1.54 0.00	43.98 1.93 -17.88	52.05 2.30 -24.51	40.22 2.82 0.00	33.09 2.57 0.00	27.13 1.89 0.00	42.55 2.07 -16.43	27.10 2.08 -1.54	25.91 1.95 -1.09	22.02 1.59 -0.56	20.43 1.28 0.00	23.16 1.53 0.00	22.86 1.78 0.00	25.41 1.78 0.00	34.37 2.28 0.00	39.54 2.95 0.00	34.06 2.65 0.00	43.38 3.44 0.00	34.41 2.05 0.00	34.86 2.09 0.00
HOLTSVILLE_IC_7 23696	35.02 2.09 0.00	33.40 2.15 0.00	25.55 1.73 -0.59	21.94 1.61 0.00	22.88 1.54 0.00	43.98 1.93 -17.88	52.05 2.30 -24.51	40.22 2.82 0.00	33.09 2.57 0.00	27.13 1.89 0.00	42.55 2.07 -16.43	27.10 2.08 -1.54	25.91 1.95 -1.09	22.02 1.59 -0.56	20.43 1.28 0.00	23.16 1.53 0.00	22.86 1.78 0.00	25.41 1.78 0.00	34.37 2.28 0.00	39.54 2.95 0.00	34.06 2.65 0.00	43.38 3.44 0.00	34.41 2.05 0.00	34.86 2.09 0.00
HOLTSVILLE_IC_8 23697	35.02 2.09 0.00	33.40 2.15 0.00	25.55 1.73 -0.59	21.94 1.61 0.00	22.88 1.54 0.00	43.98 1.93 -17.88	52.05 2.30 -24.51	40.22 2.82 0.00	33.09 2.57 0.00	27.13 1.89 0.00	42.55 2.07 -16.43	27.10 2.08 -1.54	25.91 1.95 -1.09	22.02 1.59 -0.56	20.43 1.28 0.00	23.16 1.53 0.00	22.86 1.78 0.00	25.41 1.78 0.00	34.37 2.28 0.00	39.54 2.95 0.00	34.06 2.65 0.00	43.38 3.44 0.00	34.41 2.05 0.00	34.86 2.09 0.00
HOLTSVILLE_IC_9 23698	35.02 2.09 0.00	33.40 2.15 0.00	25.55 1.73 -0.59	21.94 1.61 0.00	22.88 1.54 0.00	43.98 1.93 -17.88	52.05 2.30 -24.51	40.22 2.82 0.00	33.09 2.57 0.00	27.13 1.89 0.00	42.55 2.07 -16.43	27.10 2.08 -1.54	25.91 1.95 -1.09	22.02 1.59 -0.56	20.43 1.28 0.00	23.16 1.53 0.00	22.86 1.78 0.00	25.41 1.78 0.00	34.37 2.28 0.00	39.54 2.95 0.00	34.06 2.65 0.00	43.38 3.44 0.00	34.41 2.05 0.00	34.86 2.09 0.00
HOMER_HL_115KV_TB2 355744	33.71 0.79 0.00	31.97 0.71 0.00	23.77 0.54 0.00	20.65 0.31 0.00	21.70 0.36 0.00	24.26 0.09 0.00	25.33 0.09 0.00	37.38 -0.02 0.00	30.83 0.32 0.00	25.21 -0.04 0.00	24.12 0.07 0.00	23.55 0.07 0.00	22.96 0.09 0.00	19.98 0.11 0.00	19.21 0.05 0.00	21.69 0.06 0.00	21.01 -0.06 0.00	23.32 -0.32 0.00	31.27 -0.82 0.00	36.32 -0.26 0.00	31.40 -0.01 0.00	39.96 0.02 0.00	31.92 -0.43 0.00	32.84 0.07 0.00
HOWARD_WT_PWR 323690	32.43 -0.49 0.00	30.54 -0.72 0.00	22.59 -0.63 0.00	19.67 -0.67 0.00	20.60 -0.74 0.00	23.33 -0.84 0.00	24.39 -0.85 0.00	35.91 -1.50 0.00	29.84 -0.68 0.00	24.73 -0.51 0.00	23.86 -0.19 0.00	22.99 -0.49 0.00	21.59 -1.28 0.00	18.57 -1.31 0.00	17.83 -1.33 0.00	20.18 -1.45 0.00	19.65 -1.43 0.00	22.13 -1.50 0.00	30.21 -1.88 0.00	35.86 -0.72 0.00	31.51 0.10 0.00	39.96 0.02 0.00	31.83 -0.52 0.00	32.57 -0.20 0.00
HQ_GEN_CEDARS 23644	33.32 0.39 0.00	31.65 0.39 0.00	23.52 0.30 0.00	20.54 0.21 0.00	21.66 0.31 0.00	24.60 0.43 0.00	25.44 0.21 0.00	37.73 0.32 0.00	30.58 0.06 0.00	25.48 0.23 0.00	24.28 0.23 0.00	23.73 0.25 0.00	23.21 0.35 0.00	20.18 0.30 0.00	19.41 0.26 0.00	21.92 0.29 0.00	21.28 0.20 0.00	23.77 0.13 0.00	32.42 0.33 0.00	36.68 0.10 0.00	31.38 -0.04 0.00	39.99 0.05 0.00	32.75 0.40 0.00	33.34 0.56 0.00

HQ_GEN_CEDARS_PROXY 323590	33.32 0.40 0.00	31.65 0.39 0.00	23.52 0.30 0.00	20.54 0.21 0.00	21.66 0.31 0.00	24.59 0.42 0.00	25.44 0.20 0.00	37.72 0.32 0.00	30.58 0.06 0.00	25.48 0.23 0.00	24.28 0.23 0.00	23.73 0.25 0.00	23.21 0.35 0.00	20.18 0.30 0.00	19.41 0.26 0.00	21.92 0.29 0.00	21.28 0.20 0.00	23.77 0.13 0.00	32.42 0.34 0.00	36.68 0.10 0.00	30.98 -0.04 0.40	39.99 0.05 0.00	32.75 0.40 0.00	33.34 0.56 0.00
HQ_GEN_IMPORT 323601	33.05 0.13 0.00	31.39 0.13 0.00	23.37 0.14 0.00	20.43 0.09 0.00	21.49 0.15 0.00	24.40 0.22 0.00	25.34 0.11 0.00	38.50 0.22 -0.88	30.56 0.04 0.00	24.44 0.18 0.99	24.24 0.19 0.00	23.60 0.17 0.05	23.08 0.21 0.00	20.06 0.18 0.00	19.31 0.15 0.00	22.05 0.19 -0.24	21.22 0.15 0.00	23.72 0.09 0.00	32.25 0.16 0.00	36.49 -0.09 0.00	31.25 -0.17 0.00	39.79 -0.15 0.00	32.50 0.15 0.00	33.02 0.24 0.00
HQ_GEN_WHEEL 23651	33.05 0.13 0.00	31.39 0.13 0.00	23.37 0.14 0.00	20.43 0.09 0.00	21.49 0.15 0.00	24.40 0.22 0.00	25.34 0.11 0.00	38.50 0.22 -0.88	30.56 0.04 0.00	24.44 0.18 0.99	24.24 0.19 0.00	23.60 0.17 0.05	23.08 0.21 0.00	20.06 0.18 0.00	19.31 0.15 0.00	22.05 0.19 -0.24	21.22 0.15 0.00	23.72 0.09 0.00	32.25 0.16 0.00	36.49 -0.09 0.00	31.25 -0.17 0.00	39.79 -0.15 0.00	32.50 0.15 0.00	33.02 0.24 0.00
HUDSON_AVE_GT_3 23810	34.62 1.70 0.00	32.93 1.67 0.00	24.41 1.18 0.00	21.45 1.12 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.80 1.56 0.00	39.64 2.24 0.00	32.55 2.03 0.00	26.78 1.53 0.00	25.56 1.51 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.07 1.19 0.00	20.33 1.17 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.15 1.52 0.00	34.06 1.97 0.00	39.14 2.56 0.00	33.69 2.28 0.00	42.79 2.85 0.00	34.33 1.98 0.00	34.59 1.81 0.00
HUDSON_AVE_GT_4 23540	34.62 1.70 0.00	32.93 1.67 0.00	24.41 1.18 0.00	21.45 1.12 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.80 1.56 0.00	39.64 2.24 0.00	32.55 2.03 0.00	26.78 1.53 0.00	25.56 1.51 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.07 1.19 0.00	20.33 1.17 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.15 1.52 0.00	34.06 1.97 0.00	39.14 2.56 0.00	33.69 2.28 0.00	42.79 2.85 0.00	34.33 1.98 0.00	34.59 1.81 0.00
HUDSON_AVE_GT_5 23657	34.62 1.70 0.00	32.93 1.67 0.00	24.41 1.18 0.00	21.45 1.12 0.00	22.40 1.06 0.00	25.43 1.26 0.00	26.80 1.56 0.00	39.64 2.24 0.00	32.55 2.03 0.00	26.78 1.53 0.00	25.56 1.51 0.00	24.99 1.51 0.00	24.32 1.45 0.00	21.07 1.19 0.00	20.33 1.17 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.15 1.52 0.00	34.06 1.97 0.00	39.14 2.56 0.00	33.69 2.28 0.00	42.79 2.85 0.00	34.33 1.98 0.00	34.59 1.81 0.00
HUDSON_AVE_10 24168	34.53 1.61 0.00	32.84 1.58 0.00	24.34 1.11 0.00	21.39 1.05 0.00	22.34 0.99 0.00	25.36 1.19 0.00	26.72 1.49 0.00	39.54 2.13 0.00	32.48 1.96 0.00	26.71 1.46 0.00	25.48 1.43 0.00	24.91 1.43 0.00	24.24 1.38 0.00	21.01 1.13 0.00	20.27 1.11 0.00	22.91 1.28 0.00	22.34 1.26 0.00	25.08 1.45 0.00	33.97 1.88 0.00	39.03 2.45 0.00	33.59 2.18 0.00	42.67 2.72 0.00	34.24 1.88 0.00	34.48 1.71 0.00
HUDSON___115KV_TB 4 355613	33.62 0.70 0.00	31.93 0.67 0.00	23.67 0.44 0.00	20.77 0.43 0.00	21.78 0.44 0.00	24.71 0.54 0.00	25.89 0.66 0.00	38.45 1.05 0.00	31.46 0.94 0.00	25.92 0.67 0.00	24.63 0.58 0.00	24.03 0.55 0.00	23.24 0.37 0.00	20.22 0.34 0.00	19.60 0.44 0.00	22.09 0.47 0.00	21.53 0.46 0.00	24.40 0.76 0.00	33.13 1.05 0.00	38.01 1.43 0.00	32.62 1.21 0.00	41.38 1.44 0.00	33.28 0.93 0.00	33.55 0.77 0.00
HUNTER MOUNT___DRP 323613	33.78 0.86 0.00	32.06 0.80 0.00	23.76 0.53 0.00	20.84 0.50 0.00	21.87 0.53 0.00	24.81 0.64 0.00	25.99 0.75 0.00	38.62 1.22 0.00	31.60 1.09 0.00	26.04 0.79 0.00	24.72 0.67 0.00	24.12 0.64 0.00	23.26 0.39 0.00	20.27 0.40 0.00	19.67 0.51 0.00	22.16 0.54 0.00	21.58 0.51 0.00	24.50 0.86 0.00	33.31 1.22 0.00	38.23 1.64 0.00	32.78 1.37 0.00	41.57 1.63 0.00	33.44 1.08 0.00	33.69 0.91 0.00
HUNTINGTON_RES_REC 323705	34.75 1.83 0.00	33.16 1.90 0.00	25.33 1.52 -0.59	21.75 1.41 0.00	22.68 1.34 0.00	43.70 1.65 -17.88	51.71 1.96 -24.51	39.83 2.42 0.00	32.76 2.25 0.00	26.87 1.63 0.00	42.25 1.76 -16.43	26.80 1.79 -1.54	25.69 1.74 -1.09	21.82 1.39 -0.56	20.27 1.12 0.00	22.98 1.35 0.00	22.61 1.53 0.00	25.12 1.49 0.00	33.93 1.84 0.00	39.03 2.45 0.00	33.59 2.17 0.00	42.71 2.77 0.00	33.97 1.61 0.00	34.46 1.69 0.00
HUNTLEY___63 23557	32.55 -0.37 0.00	30.98 -0.28 0.00	23.09 -0.13 0.00	19.95 -0.39 0.00	21.07 -0.27 0.00	23.56 -0.61 0.00	24.35 -0.89 0.00	35.66 -1.75 0.00	29.54 -0.97 0.00	24.30 -0.95 0.00	23.14 -0.91 0.00	22.54 -0.94 0.00	22.06 -0.81 0.00	19.15 -0.72 0.00	18.43 -0.73 0.00	20.70 -0.92 0.00	20.05 -1.02 0.00	22.21 -1.43 0.00	29.73 -2.36 0.00	34.46 -2.12 0.00	29.82 -1.60 0.00	37.95 -2.00 0.00	30.39 -1.97 0.00	31.24 -1.53 0.00
HUNTLEY___64 23558	32.55 -0.37 0.00	30.98 -0.28 0.00	23.09 -0.13 0.00	19.95 -0.39 0.00	21.07 -0.27 0.00	23.56 -0.61 0.00	24.35 -0.89 0.00	35.66 -1.75 0.00	29.54 -0.97 0.00	24.30 -0.95 0.00	23.14 -0.91 0.00	22.54 -0.94 0.00	22.06 -0.81 0.00	19.15 -0.72 0.00	18.43 -0.73 0.00	20.70 -0.92 0.00	20.05 -1.02 0.00	22.21 -1.43 0.00	29.73 -2.36 0.00	34.46 -2.12 0.00	29.82 -1.60 0.00	37.95 -2.00 0.00	30.39 -1.97 0.00	31.24 -1.53 0.00
HUNTLEY___65 23559	32.55 -0.37 0.00	30.98 -0.28 0.00	23.09 -0.13 0.00	19.95 -0.39 0.00	21.07 -0.27 0.00	23.56 -0.61 0.00	24.35 -0.89 0.00	35.66 -1.75 0.00	29.54 -0.97 0.00	24.30 -0.95 0.00	23.14 -0.91 0.00	22.54 -0.94 0.00	22.06 -0.81 0.00	19.15 -0.72 0.00	18.43 -0.73 0.00	20.70 -0.92 0.00	20.05 -1.02 0.00	22.21 -1.43 0.00	29.73 -2.36 0.00	34.46 -2.12 0.00	29.82 -1.60 0.00	37.95 -2.00 0.00	30.39 -1.97 0.00	31.24 -1.53 0.00
HUNTLEY___66 23560	32.55 -0.37 0.00	30.98 -0.28 0.00	23.09 -0.13 0.00	19.95 -0.39 0.00	21.07 -0.27 0.00	23.56 -0.61 0.00	24.35 -0.89 0.00	35.66 -1.75 0.00	29.54 -0.97 0.00	24.30 -0.95 0.00	23.14 -0.91 0.00	22.54 -0.94 0.00	22.06 -0.81 0.00	19.15 -0.72 0.00	18.43 -0.73 0.00	20.70 -0.92 0.00	20.05 -1.02 0.00	22.21 -1.43 0.00	29.73 -2.36 0.00	34.46 -2.12 0.00	29.82 -1.60 0.00	37.95 -2.00 0.00	30.39 -1.97 0.00	31.24 -1.53 0.00
HUNTLEY___67 23561	32.36 -0.56 0.00	30.79 -0.46 0.00	22.94 -0.28 0.00	19.82 -0.51 0.00	20.93 -0.41 0.00	23.40 -0.77 0.00	24.23 -1.01 0.00	35.51 -1.89 0.00	29.38 -1.13 0.00	24.18 -1.07 0.00	23.03 -1.02 0.00	22.46 -1.02 0.00	21.98 -0.88 0.00	19.09 -0.79 0.00	18.36 -0.80 0.00	20.64 -0.99 0.00	19.98 -1.09 0.00	22.14 -1.49 0.00	29.65 -2.44 0.00	34.36 -2.23 0.00	29.70 -1.71 0.00	37.81 -2.13 0.00	30.27 -2.08 0.00	31.13 -1.65 0.00

HUNTLEY___68 23562	32.36 -0.56 0.00	30.79 -0.46 0.00	22.94 -0.28 0.00	19.82 -0.51 0.00	20.93 -0.41 0.00	23.40 -0.77 0.00	24.23 -1.01 0.00	35.51 -1.89 0.00	29.38 -1.13 0.00	24.18 -1.07 0.00	23.03 -1.02 0.00	22.46 -1.02 0.00	21.98 -0.88 0.00	19.09 -0.79 0.00	18.36 -0.80 0.00	20.64 -0.99 0.00	19.98 -1.09 0.00	22.14 -1.49 0.00	29.65 -2.44 0.00	34.36 -2.23 0.00	29.70 -1.71 0.00	37.81 -2.13 0.00	30.27 -2.08 0.00	31.13 -1.65 0.00
HYLAND___LFGE 323620	34.17 1.25 0.00	32.34 1.08 0.00	23.96 0.73 0.00	20.81 0.48 0.00	21.88 0.54 0.00	24.67 0.50 0.00	25.78 0.55 0.00	38.05 0.65 0.00	31.28 0.77 0.00	25.65 0.40 0.00	23.94 -0.10 0.00	23.17 -0.31 0.00	22.30 -0.57 0.00	19.30 -0.57 0.00	18.56 -0.60 0.00	20.92 -0.70 0.00	20.34 -0.73 0.00	22.77 -0.86 0.00	30.91 -1.17 0.00	37.05 0.47 0.00	32.52 1.10 0.00	41.40 1.46 0.00	33.08 0.73 0.00	33.71 0.94 0.00
INDECK___CORINTH 23802	33.71 0.79 0.00	31.96 0.70 0.00	23.63 0.41 0.00	20.76 0.43 0.00	21.86 0.51 0.00	24.81 0.64 0.00	26.00 0.76 0.00	38.61 1.21 0.00	31.51 1.00 0.00	25.99 0.75 0.00	24.78 0.73 0.00	24.02 0.54 0.00	23.41 0.54 0.00	20.50 0.63 0.00	19.71 0.55 0.00	22.17 0.54 0.00	21.71 0.63 0.00	24.45 0.82 0.00	33.35 1.27 0.00	38.18 1.60 0.00	32.77 1.36 0.00	41.57 1.63 0.00	33.27 0.91 0.00	33.48 0.70 0.00
INDECK___ILION 23567	32.79 -0.13 0.00	31.12 -0.14 0.00	23.10 -0.13 0.00	20.25 -0.09 0.00	21.21 -0.13 0.00	24.06 -0.11 0.00	25.21 -0.03 0.00	37.42 0.02 0.00	30.51 -0.01 0.00	25.14 -0.11 0.00	23.93 -0.12 0.00	23.38 -0.10 0.00	22.73 -0.13 0.00	19.77 -0.10 0.00	19.07 -0.09 0.00	21.51 -0.12 0.00	21.01 -0.07 0.00	23.67 0.03 0.00	32.14 0.05 0.00	36.83 0.24 0.00	31.69 0.28 0.00	40.26 0.32 0.00	32.39 0.04 0.00	32.67 -0.10 0.00
INDECK___OLEAN 23982	33.73 0.81 0.00	31.97 0.71 0.00	23.76 0.53 0.00	20.65 0.31 0.00	21.70 0.36 0.00	24.26 0.09 0.00	25.33 0.09 0.00	37.38 -0.02 0.00	30.83 0.32 0.00	25.21 -0.04 0.00	24.12 0.07 0.00	23.56 0.08 0.00	22.96 0.10 0.00	19.98 0.11 0.00	19.22 0.06 0.00	21.69 0.06 0.00	21.02 -0.06 0.00	23.32 -0.31 0.00	31.27 -0.82 0.00	36.32 -0.26 0.00	31.40 -0.01 0.00	39.97 0.03 0.00	31.92 -0.43 0.00	32.85 0.07 0.00
INDECK___OSWEGO 23783	32.01 -0.91 0.00	30.35 -0.90 0.00	22.50 -0.72 0.00	19.70 -0.64 0.00	20.67 -0.67 0.00	23.35 -0.82 0.00	24.40 -0.84 0.00	36.08 -1.32 0.00	29.52 -0.99 0.00	24.37 -0.87 0.00	23.15 -0.90 0.00	22.61 -0.87 0.00	22.00 -0.86 0.00	19.15 -0.72 0.00	18.47 -0.69 0.00	20.81 -0.81 0.00	20.30 -0.77 0.00	22.79 -0.84 0.00	30.97 -1.12 0.00	35.51 -1.08 0.00	30.57 -0.85 0.00	38.85 -1.09 0.00	31.29 -1.06 0.00	31.70 -1.08 0.00
INDECK___YERKES 23781	32.59 -0.33 0.00	31.02 -0.24 0.00	23.10 -0.12 0.00	19.97 -0.37 0.00	21.09 -0.24 0.00	23.58 -0.59 0.00	24.37 -0.86 0.00	35.70 -1.70 0.00	29.57 -0.94 0.00	24.32 -0.93 0.00	23.17 -0.88 0.00	22.57 -0.91 0.00	22.09 -0.78 0.00	19.17 -0.70 0.00	18.45 -0.70 0.00	20.72 -0.90 0.00	20.07 -1.00 0.00	22.24 -1.40 0.00	29.77 -2.32 0.00	34.50 -2.09 0.00	29.84 -1.57 0.00	37.99 -1.95 0.00	30.42 -1.94 0.00	31.28 -1.50 0.00
INDIAN POINT_GT_1 24139	34.30 1.37 0.00	32.61 1.35 0.00	24.20 0.98 0.00	21.26 0.92 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.55 1.32 0.00	39.29 1.89 0.00	32.22 1.70 0.00	26.49 1.24 0.00	25.29 1.24 0.00	24.73 1.26 0.00	24.06 1.20 0.00	20.84 0.97 0.00	20.09 0.93 0.00	22.73 1.11 0.00	22.17 1.10 0.00	24.90 1.27 0.00	33.73 1.65 0.00	38.76 2.17 0.00	33.35 1.94 0.00	42.36 2.41 0.00	33.97 1.62 0.00	34.24 1.46 0.00
INDIAN POINT_GT_2 23659	34.30 1.37 0.00	32.61 1.35 0.00	24.20 0.98 0.00	21.26 0.92 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.55 1.32 0.00	39.29 1.89 0.00	32.22 1.70 0.00	26.49 1.24 0.00	25.29 1.24 0.00	24.73 1.26 0.00	24.06 1.20 0.00	20.84 0.97 0.00	20.09 0.93 0.00	22.73 1.11 0.00	22.17 1.10 0.00	24.90 1.27 0.00	33.73 1.65 0.00	38.76 2.17 0.00	33.35 1.94 0.00	42.36 2.41 0.00	33.97 1.62 0.00	34.24 1.46 0.00
INDIAN POINT_GT_3 24019	34.30 1.37 0.00	32.61 1.35 0.00	24.20 0.98 0.00	21.26 0.92 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.55 1.32 0.00	39.29 1.89 0.00	32.22 1.70 0.00	26.49 1.24 0.00	25.29 1.24 0.00	24.73 1.26 0.00	24.06 1.20 0.00	20.84 0.97 0.00	20.09 0.93 0.00	22.73 1.11 0.00	22.17 1.10 0.00	24.90 1.27 0.00	33.73 1.65 0.00	38.76 2.17 0.00	33.35 1.94 0.00	42.36 2.41 0.00	33.97 1.62 0.00	34.24 1.46 0.00
INDIAN POINT___2 23530	34.33 1.41 0.00	32.65 1.40 0.00	24.23 1.01 0.00	21.28 0.95 0.00	22.23 0.89 0.00	25.25 1.08 0.00	26.58 1.34 0.00	39.33 1.93 0.00	32.26 1.74 0.00	26.52 1.27 0.00	25.32 1.27 0.00	24.76 1.28 0.00	24.09 1.22 0.00	20.87 0.99 0.00	20.12 0.96 0.00	22.76 1.13 0.00	22.20 1.13 0.00	24.92 1.29 0.00	33.78 1.69 0.00	38.80 2.21 0.00	33.39 1.98 0.00	42.40 2.46 0.00	34.00 1.65 0.00	34.27 1.49 0.00
INDIAN POINT___3 23531	34.16 1.24 0.00	32.48 1.23 0.00	24.11 0.89 0.00	21.18 0.85 0.00	22.13 0.78 0.00	25.13 0.96 0.00	26.45 1.22 0.00	39.15 1.74 0.00	32.09 1.57 0.00	26.36 1.12 0.00	25.16 1.11 0.00	24.62 1.14 0.00	23.95 1.08 0.00	20.74 0.86 0.00	20.00 0.84 0.00	22.62 1.00 0.00	22.06 0.99 0.00	24.78 1.15 0.00	33.59 1.50 0.00	38.59 2.00 0.00	33.21 1.80 0.00	42.17 2.23 0.00	33.82 1.46 0.00	34.09 1.31 0.00
INGHAM_C_115KV_TB7 356103	32.34 -0.58 0.00	30.68 -0.58 0.00	22.76 -0.46 0.00	19.98 -0.36 0.00	20.90 -0.44 0.00	23.76 -0.41 0.00	24.94 -0.29 0.00	37.13 -0.28 0.00	30.19 -0.32 0.00	24.77 -0.48 0.00	23.53 -0.52 0.00	23.02 -0.46 0.00	22.34 -0.52 0.00	19.47 -0.41 0.00	18.79 -0.36 0.00	21.17 -0.46 0.00	20.72 -0.35 0.00	23.47 -0.16 0.00	31.87 -0.22 0.00	36.68 0.10 0.00	31.64 0.22 0.00	40.18 0.24 0.00	32.13 -0.23 0.00	32.27 -0.51 0.00
IP CORINTH___1 23988	33.71 0.79 0.00	31.95 0.70 0.00	23.63 0.41 0.00	20.76 0.43 0.00	21.86 0.51 0.00	24.81 0.64 0.00	26.00 0.76 0.00	38.61 1.21 0.00	31.51 1.00 0.00	25.99 0.75 0.00	24.78 0.73 0.00	24.02 0.54 0.00	23.41 0.54 0.00	20.50 0.63 0.00	19.71 0.55 0.00	22.17 0.54 0.00	21.71 0.63 0.00	24.45 0.82 0.00	33.36 1.27 0.00	38.18 1.60 0.00	32.77 1.36 0.00	41.57 1.63 0.00	33.27 0.91 0.00	33.48 0.70 0.00
IP___TICONDEROGA 23804	35.18 2.25 0.00	33.14 1.88 0.00	24.39 1.16 0.00	21.47 1.14 0.00	22.86 1.51 0.00	25.99 1.82 0.00	27.25 2.02 0.00	40.57 3.17 0.00	32.93 2.42 0.00	27.24 1.99 0.00	25.95 1.91 0.00	24.83 1.35 0.00	24.25 1.39 0.00	21.53 1.66 0.00	20.64 1.48 0.00	23.04 1.42 0.00	22.55 1.47 0.00	25.48 1.84 0.00	35.10 3.02 0.00	40.20 3.61 0.00	34.55 3.14 0.00	43.75 3.81 0.00	34.56 2.21 0.00	34.65 1.87 0.00

ISLIP_RES_REC 323679	35.15 2.22 0.00	33.52 2.26 0.00	25.64 1.82 -0.59	22.01 1.67 0.00	22.95 1.61 0.00	44.07 2.02 -17.88	52.15 2.40 -24.51	40.36 2.96 0.00	33.22 2.70 0.00	27.23 1.99 0.00	42.63 2.14 -16.44	27.21 2.18 -1.55	26.01 2.03 -1.11	22.11 1.65 -0.58	20.48 1.32 0.00	23.22 1.59 0.00	22.92 1.85 0.00	25.49 1.86 0.00	34.50 2.41 0.00	39.69 3.10 0.00	34.21 2.79 0.00	43.55 3.60 0.00	34.53 2.18 0.00	34.98 2.21 0.00
JAMAICA__27_KV_LOAD 355505	34.76 1.84 0.00	33.02 1.77 0.00	24.47 1.25 0.00	21.49 1.15 0.00	22.45 1.11 0.00	25.49 1.32 0.00	26.87 1.63 0.00	39.78 2.38 0.00	32.70 2.18 0.00	26.86 1.62 0.00	25.60 1.55 0.00	25.03 1.55 0.00	24.35 1.48 0.00	21.11 1.24 0.00	20.35 1.20 0.00	23.00 1.37 0.00	22.43 1.35 0.00	25.20 1.57 0.00	34.16 2.07 0.00	39.25 2.66 0.00	33.77 2.35 0.00	42.91 2.97 0.00	34.44 2.08 0.00	34.68 1.90 0.00
JANIS__SOLAR 323808	34.25 1.33 0.00	32.29 1.03 0.00	24.05 0.83 0.00	20.95 0.62 0.00	21.93 0.59 0.00	24.87 0.70 0.00	25.93 0.70 0.00	38.44 1.04 0.00	31.37 0.86 0.00	25.79 0.55 0.00	24.36 0.31 0.00	23.60 0.12 0.00	22.92 0.05 0.00	20.02 0.15 0.00	19.26 0.11 0.00	21.89 0.27 0.00	21.49 0.42 0.00	24.30 0.67 0.00	32.92 0.84 0.00	37.95 1.36 0.00	32.72 1.30 0.00	41.65 1.71 0.00	33.47 1.12 0.00	33.92 1.14 0.00
JARVIS____ 23743	32.96 0.03 0.00	31.28 0.02 0.00	23.22 0.00 0.00	20.35 0.01 0.00	21.33 -0.01 0.00	24.17 0.00 0.00	25.28 0.04 0.00	37.45 0.05 0.00	30.58 0.06 0.00	25.27 0.02 0.00	24.08 0.02 0.00	23.51 0.03 0.00	22.89 0.02 0.00	19.89 0.01 0.00	19.18 0.02 0.00	21.64 0.01 0.00	21.09 0.02 0.00	23.69 0.05 0.00	32.18 0.09 0.00	36.77 0.19 0.00	31.60 0.19 0.00	40.15 0.21 0.00	32.44 0.09 0.00	32.81 0.03 0.00
JENNISON___1 23625	34.29 1.37 0.00	31.98 0.72 0.00	24.06 0.83 0.00	20.81 0.47 0.00	21.82 0.48 0.00	24.90 0.73 0.00	25.65 0.41 0.00	38.07 0.66 0.00	31.06 0.54 0.00	25.55 0.30 0.00	24.20 0.15 0.00	23.59 0.11 0.00	22.92 0.05 0.00	19.97 0.09 0.00	19.20 0.04 0.00	21.77 0.15 0.00	21.40 0.33 0.00	24.13 0.49 0.00	32.66 0.57 0.00	37.64 1.06 0.00	32.27 0.86 0.00	41.32 1.38 0.00	33.43 1.08 0.00	33.93 1.16 0.00
JENNISON___2 23626	34.29 1.37 0.00	31.98 0.72 0.00	24.06 0.83 0.00	20.81 0.47 0.00	21.82 0.48 0.00	24.90 0.73 0.00	25.65 0.41 0.00	38.07 0.66 0.00	31.06 0.54 0.00	25.55 0.30 0.00	24.20 0.15 0.00	23.59 0.11 0.00	22.92 0.05 0.00	19.97 0.09 0.00	19.20 0.04 0.00	21.77 0.15 0.00	21.40 0.33 0.00	24.13 0.49 0.00	32.66 0.57 0.00	37.64 1.06 0.00	32.27 0.86 0.00	41.32 1.38 0.00	33.43 1.08 0.00	33.93 1.16 0.00
JERICHO_RISE_WT_PWR 323719	33.87 0.95 0.00	32.24 0.98 0.00	23.93 0.70 0.00	20.91 0.58 0.00	22.15 0.81 0.00	25.09 0.91 0.00	25.85 0.61 0.00	38.49 1.09 0.00	31.33 0.82 0.00	26.03 0.78 0.00	24.96 0.91 0.00	24.27 0.79 0.00	23.79 0.93 0.00	20.63 0.76 0.00	19.85 0.70 0.00	22.49 0.86 0.00	21.82 0.75 0.00	24.48 0.84 0.00	33.40 1.31 0.00	37.80 1.22 0.00	32.23 0.81 0.00	40.94 1.00 0.00	33.35 1.00 0.00	33.75 0.98 0.00
KATONAH__115KV_46KV_TB4 355592	34.43 1.50 0.00	32.72 1.47 0.00	24.28 1.06 0.00	21.32 0.98 0.00	22.29 0.95 0.00	25.31 1.14 0.00	26.64 1.40 0.00	39.45 2.04 0.00	32.35 1.83 0.00	26.60 1.36 0.00	25.39 1.34 0.00	24.83 1.35 0.00	24.15 1.28 0.00	20.90 1.03 0.00	20.16 1.00 0.00	22.80 1.18 0.00	22.25 1.18 0.00	25.00 1.37 0.00	33.90 1.81 0.00	38.93 2.35 0.00	33.51 2.09 0.00	42.53 2.59 0.00	34.11 1.75 0.00	34.36 1.58 0.00
KCE_NY_1 323755	33.83 0.90 0.00	32.13 0.87 0.00	23.80 0.58 0.00	20.89 0.55 0.00	21.95 0.61 0.00	24.90 0.73 0.00	26.08 0.84 0.00	38.73 1.32 0.00	31.57 1.06 0.00	26.03 0.78 0.00	24.81 0.76 0.00	24.13 0.65 0.00	23.52 0.65 0.00	20.50 0.63 0.00	19.75 0.59 0.00	22.28 0.66 0.00	21.78 0.71 0.00	24.51 0.88 0.00	33.43 1.34 0.00	38.19 1.60 0.00	32.78 1.36 0.00	41.60 1.66 0.00	33.45 1.10 0.00	33.68 0.90 0.00
KCE_NY_6_ESR 323823	32.86 -0.06 0.00	31.26 0.00 0.00	23.25 0.03 0.00	20.11 -0.22 0.00	21.22 -0.11 0.00	23.74 -0.43 0.00	24.61 -0.62 0.00	36.14 -1.27 0.00	29.88 -0.63 0.00	24.57 -0.68 0.00	23.42 -0.63 0.00	22.85 -0.63 0.00	22.29 -0.58 0.00	19.34 -0.54 0.00	18.60 -0.56 0.00	20.92 -0.71 0.00	20.25 -0.82 0.00	22.47 -1.16 0.00	30.12 -1.97 0.00	34.97 -1.61 0.00	30.26 -1.16 0.00	38.54 -1.40 0.00	30.79 -1.56 0.00	31.64 -1.14 0.00
KEDC_PORT_JEFF_GT2 24210	34.95 2.03 0.00	33.35 2.09 0.00	25.51 1.69 -0.59	21.90 1.56 0.00	22.84 1.50 0.00	43.93 1.88 -17.88	51.99 2.24 -24.51	40.16 2.75 0.00	33.02 2.50 0.00	27.09 1.84 0.00	42.50 2.02 -16.43	27.04 2.04 -1.53	25.86 1.92 -1.07	21.97 1.56 -0.54	20.41 1.25 0.00	23.13 1.51 0.00	22.81 1.74 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.78 0.00	33.99 2.58 0.00	43.27 3.33 0.00	34.32 1.97 0.00	34.79 2.02 0.00
KEDC_PORT_JEFF_GT3 24211	34.95 2.03 0.00	33.35 2.09 0.00	25.51 1.69 -0.59	21.90 1.56 0.00	22.84 1.50 0.00	43.93 1.88 -17.88	51.99 2.24 -24.51	40.16 2.75 0.00	33.02 2.50 0.00	27.09 1.84 0.00	42.50 2.02 -16.43	27.04 2.04 -1.53	25.86 1.92 -1.07	21.97 1.56 -0.54	20.41 1.25 0.00	23.13 1.51 0.00	22.81 1.74 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.78 0.00	33.99 2.58 0.00	43.27 3.33 0.00	34.32 1.97 0.00	34.79 2.02 0.00
KEDC_GLWD_GT4 24219	34.64 1.72 0.00	32.97 1.72 0.00	25.10 1.28 -0.59	21.52 1.19 0.00	22.47 1.13 0.00	43.42 1.37 -17.88	51.39 1.65 -24.51	39.66 2.26 0.00	32.57 2.06 0.00	26.76 1.52 0.00	42.27 1.58 -16.64	27.55 1.58 -2.49	26.89 1.51 -2.51	23.40 1.23 -2.30	20.27 1.11 0.00	22.95 1.32 0.00	22.46 1.38 0.00	25.11 1.48 0.00	33.98 1.89 0.00	39.08 2.50 0.00	33.64 2.23 0.00	42.72 2.78 0.00	34.16 1.80 0.00	34.52 1.74 0.00
KEDC_GLWD_GT5 24220	34.64 1.72 0.00	32.97 1.72 0.00	25.10 1.28 -0.59	21.52 1.19 0.00	22.47 1.13 0.00	43.42 1.37 -17.88	51.39 1.65 -24.51	39.66 2.26 0.00	32.57 2.06 0.00	26.76 1.52 0.00	42.27 1.58 -16.64	27.55 1.58 -2.49	26.89 1.51 -2.51	23.40 1.23 -2.30	20.27 1.11 0.00	22.95 1.32 0.00	22.46 1.38 0.00	25.11 1.48 0.00	33.98 1.89 0.00	39.08 2.50 0.00	33.64 2.23 0.00	42.72 2.78 0.00	34.16 1.80 0.00	34.52 1.74 0.00
KENSICO____ 23655	34.32 1.40 0.00	32.64 1.38 0.00	24.22 0.99 0.00	21.27 0.94 0.00	22.23 0.89 0.00	25.25 1.08 0.00	26.57 1.33 0.00	39.33 1.93 0.00	32.24 1.73 0.00	26.51 1.27 0.00	25.31 1.26 0.00	24.76 1.28 0.00	24.09 1.22 0.00	20.86 0.99 0.00	20.11 0.95 0.00	22.75 1.12 0.00	22.19 1.12 0.00	24.92 1.28 0.00	33.76 1.67 0.00	38.79 2.20 0.00	33.38 1.96 0.00	42.39 2.45 0.00	34.00 1.64 0.00	34.26 1.48 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.73 1.81 0.00	32.97 1.71 0.00	24.48 1.25 0.00	21.48 1.15 0.00	22.45 1.11 0.00	25.50 1.33 0.00	26.85 1.62 0.00	39.75 2.35 0.00	32.56 2.04 0.00	26.74 1.50 0.00	25.48 1.43 0.00	24.89 1.41 0.00	24.13 1.26 0.00	20.81 0.93 0.00	20.14 0.98 0.00	22.84 1.21 0.00	22.32 1.25 0.00	25.04 1.41 0.00	34.02 1.93 0.00	39.20 2.62 0.00	33.77 2.35 0.00	42.85 2.91 0.00	34.35 1.99 0.00	34.59 1.81 0.00
KIAC_JFK_GT1 23816	34.56 1.63 0.00	32.83 1.58 0.00	24.33 1.11 0.00	21.38 1.04 0.00	22.33 0.98 0.00	25.35 1.18 0.00	26.72 1.48 0.00	39.56 2.16 0.00	32.52 2.00 0.00	26.71 1.47 0.00	25.46 1.41 0.00	24.90 1.42 0.00	24.22 1.35 0.00	21.00 1.12 0.00	20.25 1.09 0.00	22.88 1.25 0.00	22.28 1.21 0.00	25.01 1.38 0.00	33.96 1.87 0.00	39.00 2.41 0.00	33.55 2.14 0.00	42.65 2.71 0.00	34.25 1.89 0.00	34.48 1.70 0.00
KIAC_JFK_GT2 23817	34.56 1.63 0.00	32.83 1.58 0.00	24.33 1.11 0.00	21.38 1.04 0.00	22.33 0.98 0.00	25.35 1.18 0.00	26.72 1.48 0.00	39.56 2.16 0.00	32.52 2.00 0.00	26.71 1.47 0.00	25.46 1.41 0.00	24.90 1.42 0.00	24.22 1.35 0.00	21.00 1.12 0.00	20.25 1.09 0.00	22.88 1.25 0.00	22.28 1.21 0.00	25.01 1.38 0.00	33.96 1.87 0.00	39.00 2.41 0.00	33.55 2.14 0.00	42.65 2.71 0.00	34.25 1.89 0.00	34.48 1.70 0.00
KIAC_JFK____ 323774	34.55 1.63 0.00	32.83 1.58 0.00	24.34 1.11 0.00	21.38 1.04 0.00	22.33 0.99 0.00	25.35 1.18 0.00	26.72 1.48 0.00	39.56 2.16 0.00	32.51 2.00 0.00	26.71 1.47 0.00	25.46 1.41 0.00	24.90 1.42 0.00	24.22 1.35 0.00	21.00 1.13 0.00	20.25 1.09 0.00	22.88 1.25 0.00	22.28 1.21 0.00	25.01 1.38 0.00	33.96 1.87 0.00	39.00 2.42 0.00	33.55 2.14 0.00	42.65 2.71 0.00	34.25 1.89 0.00	34.48 1.70 0.00
KINTIGH____ 23543	32.07 -0.85 0.00	30.50 -0.76 0.00	22.70 -0.52 0.00	19.66 -0.67 0.00	20.74 -0.60 0.00	23.22 -0.95 0.00	24.08 -1.16 0.00	35.35 -2.05 0.00	29.20 -1.32 0.00	24.04 -1.20 0.00	22.88 -1.17 0.00	22.29 -1.19 0.00	21.83 -1.03 0.00	18.99 -0.88 0.00	18.27 -0.89 0.00	20.55 -1.07 0.00	19.92 -1.15 0.00	22.11 -1.52 0.00	29.67 -2.42 0.00	34.28 -2.31 0.00	29.60 -1.81 0.00	37.66 -2.28 0.00	30.22 -2.13 0.00	31.02 -1.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.76 1.84 0.00	33.07 1.82 0.00	24.49 1.26 0.00	21.44 1.11 0.00	22.80 1.46 0.00	25.73 1.56 0.00	26.38 1.14 0.00	39.36 1.96 0.00	32.12 1.61 0.00	26.60 1.35 0.00	25.70 1.65 0.00	24.91 1.43 0.00	24.45 1.58 0.00	21.21 1.33 0.00	20.42 1.26 0.00	23.11 1.49 0.00	22.41 1.34 0.00	25.22 1.59 0.00	34.45 2.36 0.00	39.07 2.49 0.00	33.21 1.80 0.00	42.10 2.16 0.00	34.11 1.76 0.00	34.43 1.66 0.00
LACHUTE____HYDRO 323717	35.17 2.25 0.00	33.14 1.88 0.00	24.39 1.16 0.00	21.47 1.14 0.00	22.86 1.51 0.00	25.99 1.82 0.00	27.25 2.02 0.00	40.57 3.17 0.00	32.93 2.42 0.00	27.24 1.99 0.00	25.96 1.91 0.00	24.83 1.35 0.00	24.25 1.39 0.00	21.53 1.66 0.00	20.64 1.48 0.00	23.04 1.42 0.00	22.55 1.47 0.00	25.48 1.84 0.00	35.11 3.02 0.00	40.20 3.61 0.00	34.55 3.14 0.00	43.75 3.80 0.00	34.56 2.21 0.00	34.65 1.87 0.00
LAWRNCAY_115KV_TB1 80681	33.19 0.26 0.00	31.52 0.27 0.00	23.38 0.15 0.00	20.41 0.07 0.00	21.53 0.19 0.00	24.45 0.28 0.00	25.13 -0.11 0.00	37.17 -0.24 0.00	30.13 -0.38 0.00	25.08 -0.16 0.00	23.91 -0.14 0.00	23.45 -0.03 0.00	22.99 0.12 0.00	19.98 0.10 0.00	19.22 0.06 0.00	21.67 0.04 0.00	20.98 -0.09 0.00	23.43 -0.20 0.00	32.11 0.02 0.00	36.37 -0.22 0.00	31.12 -0.29 0.00	39.75 -0.19 0.00	32.60 0.24 0.00	33.24 0.47 0.00
LEDERLE____ 23769	34.28 1.36 0.00	32.59 1.34 0.00	24.21 0.98 0.00	21.26 0.92 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.56 1.32 0.00	39.32 1.92 0.00	32.22 1.71 0.00	26.44 1.20 0.00	25.23 1.18 0.00	24.71 1.23 0.00	24.04 1.17 0.00	20.79 0.91 0.00	20.06 0.90 0.00	22.70 1.07 0.00	22.13 1.06 0.00	24.88 1.24 0.00	33.69 1.60 0.00	38.72 2.14 0.00	33.34 1.93 0.00	42.33 2.39 0.00	33.94 1.59 0.00	34.21 1.43 0.00
LIGHTHSE_115KV_TB6 355974	32.41 -0.51 0.00	30.73 -0.53 0.00	22.62 -0.61 0.00	19.76 -0.57 0.00	20.75 -0.59 0.00	23.46 -0.71 0.00	24.44 -0.79 0.00	36.12 -1.28 0.00	29.55 -0.96 0.00	24.37 -0.87 0.00	23.13 -0.92 0.00	22.67 -0.81 0.00	22.04 -0.82 0.00	19.19 -0.69 0.00	18.50 -0.66 0.00	20.77 -0.86 0.00	20.24 -0.83 0.00	22.85 -0.78 0.00	31.34 -0.75 0.00	36.06 -0.52 0.00	31.13 -0.28 0.00	39.59 -0.35 0.00	31.85 -0.51 0.00	32.21 -0.57 0.00
LINDEN COGEN____ 23786	34.37 1.45 0.00	32.71 1.46 0.00	24.27 1.04 0.00	21.32 0.98 0.00	22.25 0.91 0.00	25.27 1.10 0.00	26.63 1.40 0.00	39.39 1.99 0.00	32.35 1.83 0.00	26.59 1.34 0.00	25.37 1.32 0.00	24.81 1.34 0.00	24.15 1.28 0.00	20.91 1.04 0.00	20.18 1.02 0.00	22.82 1.19 0.00	22.25 1.18 0.00	24.98 1.34 0.00	33.82 1.73 0.00	38.86 2.28 0.00	33.46 2.05 0.00	42.50 2.56 0.00	34.10 1.75 0.00	34.37 1.60 0.00
LINDHRST_69_KV_BK1 356055	35.07 2.14 0.00	33.38 2.13 0.00	25.47 1.65 -0.59	21.85 1.51 0.00	22.79 1.45 0.00	43.83 1.78 -17.88	51.84 2.10 -24.51	40.15 2.74 0.00	33.00 2.49 0.00	27.06 1.81 0.00	42.50 1.93 -16.52	27.36 1.94 -1.94	26.47 1.85 -1.75	22.63 1.48 -1.28	20.42 1.26 0.00	23.12 1.50 0.00	22.74 1.67 0.00	25.35 1.71 0.00	34.27 2.18 0.00	39.47 2.88 0.00	33.99 2.57 0.00	43.21 3.27 0.00	34.41 2.05 0.00	34.86 2.08 0.00
LIPA_MISC_IPP 23656	34.81 1.89 0.00	33.22 1.96 0.00	25.48 1.66 -0.59	21.89 1.55 0.00	22.83 1.49 0.00	43.95 1.91 -17.88	52.07 2.33 -24.51	40.10 2.70 0.00	32.97 2.45 0.00	27.04 1.80 0.00	42.53 2.05 -16.43	27.05 2.06 -1.52	25.85 1.92 -1.06	21.97 1.57 -0.52	20.41 1.25 0.00	23.10 1.48 0.00	22.86 1.79 0.00	25.41 1.78 0.00	34.34 2.25 0.00	39.43 2.84 0.00	33.93 2.51 0.00	43.29 3.35 0.00	34.22 1.87 0.00	34.67 1.89 0.00
LISF____SOLAR 323691	34.87 1.95 0.00	33.29 2.03 0.00	25.53 1.71 -0.59	21.92 1.59 0.00	22.87 1.53 0.00	44.01 1.96 -17.88	52.12 2.38 -24.51	40.17 2.77 0.00	33.02 2.50 0.00	27.07 1.83 0.00	42.57 2.09 -16.43	27.09 2.09 -1.52	25.88 1.95 -1.06	22.00 1.60 -0.53	20.42 1.26 0.00	23.12 1.49 0.00	22.90 1.82 0.00	25.46 1.82 0.00	34.42 2.34 0.00	39.52 2.93 0.00	34.02 2.61 0.00	43.40 3.45 0.00	34.30 1.95 0.00	34.74 1.96 0.00
LITTLE FALLS____HYD 24013	32.34 -0.58 0.00	30.68 -0.58 0.00	22.76 -0.46 0.00	19.98 -0.36 0.00	20.90 -0.44 0.00	23.76 -0.41 0.00	24.94 -0.29 0.00	37.13 -0.28 0.00	30.19 -0.32 0.00	24.77 -0.48 0.00	23.53 -0.52 0.00	23.02 -0.46 0.00	22.34 -0.52 0.00	19.47 -0.41 0.00	18.79 -0.36 0.00	21.17 -0.46 0.00	20.72 -0.35 0.00	23.47 -0.16 0.00	31.87 -0.22 0.00	36.68 0.10 0.00	31.64 0.22 0.00	40.18 0.24 0.00	32.13 -0.23 0.00	32.27 -0.51 0.00

LITTLRIV_115KV_TB1 356100	33.57 0.65 0.00	31.88 0.63 0.00	23.65 0.42 0.00	20.64 0.30 0.00	21.78 0.43 0.00	24.74 0.57 0.00	25.44 0.21 0.00	37.65 0.25 0.00	30.46 -0.06 0.00	25.30 0.06 0.00	24.08 0.03 0.00	23.63 0.16 0.00	23.18 0.31 0.00	20.16 0.28 0.00	19.37 0.21 0.00	21.83 0.20 0.00	21.11 0.03 0.00	23.63 -0.01 0.00	32.47 0.38 0.00	36.83 0.24 0.00	31.52 0.10 0.00	40.22 0.28 0.00	32.98 0.62 0.00	33.63 0.85 0.00
LI_NEWBRDGE___DRP 323616	34.49 1.57 0.00	32.84 1.59 0.00	25.05 1.23 -0.59	21.49 1.16 0.00	22.42 1.08 0.00	43.39 1.34 -17.88	51.35 1.61 -24.51	39.48 2.08 0.00	32.45 1.94 0.00	26.65 1.40 0.00	41.94 1.51 -16.38	26.29 1.52 -1.30	25.03 1.46 -0.70	21.17 1.17 -0.12	20.15 0.99 0.00	22.82 1.19 0.00	22.37 1.30 0.00	24.95 1.31 0.00	33.73 1.64 0.00	38.82 2.23 0.00	33.39 1.98 0.00	42.45 2.51 0.00	33.88 1.52 0.00	34.31 1.53 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.35 -0.57 0.00	30.77 -0.49 0.00	22.97 -0.26 0.00	19.84 -0.50 0.00	20.96 -0.38 0.00	23.43 -0.74 0.00	24.18 -1.06 0.00	35.37 -2.03 0.00	29.30 -1.22 0.00	24.09 -1.16 0.00	22.92 -1.14 0.00	22.29 -1.19 0.00	21.83 -1.04 0.00	18.96 -0.92 0.00	18.24 -0.91 0.00	20.50 -1.13 0.00	19.84 -1.23 0.00	21.98 -1.65 0.00	29.43 -2.66 0.00	34.14 -2.45 0.00	29.55 -1.86 0.00	37.59 -2.35 0.00	30.14 -2.22 0.00	31.00 -1.78 0.00
LOCKPORT___CC1 323769	32.33 -0.59 0.00	30.75 -0.51 0.00	22.93 -0.30 0.00	19.82 -0.52 0.00	20.94 -0.40 0.00	23.40 -0.77 0.00	24.16 -1.08 0.00	35.35 -2.05 0.00	29.27 -1.24 0.00	24.08 -1.17 0.00	22.91 -1.14 0.00	22.30 -1.18 0.00	21.84 -1.03 0.00	18.96 -0.91 0.00	18.25 -0.90 0.00	20.50 -1.12 0.00	19.85 -1.22 0.00	21.99 -1.65 0.00	29.42 -2.67 0.00	34.12 -2.47 0.00	29.53 -1.88 0.00	37.59 -2.36 0.00	30.11 -2.24 0.00	30.98 -1.80 0.00
LOCKPORT___CC2 323770	32.33 -0.59 0.00	30.75 -0.51 0.00	22.93 -0.30 0.00	19.82 -0.52 0.00	20.94 -0.40 0.00	23.40 -0.77 0.00	24.16 -1.08 0.00	35.35 -2.05 0.00	29.27 -1.24 0.00	24.08 -1.17 0.00	22.91 -1.14 0.00	22.30 -1.18 0.00	21.84 -1.03 0.00	18.96 -0.91 0.00	18.25 -0.90 0.00	20.50 -1.12 0.00	19.85 -1.22 0.00	21.99 -1.65 0.00	29.42 -2.67 0.00	34.12 -2.47 0.00	29.53 -1.88 0.00	37.59 -2.36 0.00	30.11 -2.24 0.00	30.98 -1.80 0.00
LOCKPORT___CC3 323771	32.33 -0.59 0.00	30.75 -0.51 0.00	22.93 -0.30 0.00	19.82 -0.52 0.00	20.94 -0.40 0.00	23.40 -0.77 0.00	24.16 -1.08 0.00	35.35 -2.05 0.00	29.27 -1.24 0.00	24.08 -1.17 0.00	22.91 -1.14 0.00	22.30 -1.18 0.00	21.84 -1.03 0.00	18.96 -0.91 0.00	18.25 -0.90 0.00	20.50 -1.12 0.00	19.85 -1.22 0.00	21.99 -1.65 0.00	29.42 -2.67 0.00	34.12 -2.47 0.00	29.53 -1.88 0.00	37.59 -2.36 0.00	30.11 -2.24 0.00	30.98 -1.80 0.00
LONG_LAKE_PHOENIX 24014	32.11 -0.81 0.00	30.43 -0.82 0.00	22.60 -0.63 0.00	19.77 -0.57 0.00	20.75 -0.59 0.00	23.45 -0.72 0.00	24.49 -0.74 0.00	36.24 -1.17 0.00	29.65 -0.87 0.00	24.46 -0.79 0.00	23.22 -0.83 0.00	22.65 -0.83 0.00	22.04 -0.83 0.00	19.18 -0.70 0.00	18.51 -0.65 0.00	20.88 -0.75 0.00	20.38 -0.70 0.00	22.86 -0.78 0.00	31.01 -1.08 0.00	35.57 -1.01 0.00	30.62 -0.79 0.00	38.89 -1.05 0.00	31.32 -1.03 0.00	31.73 -1.05 0.00
LOVETT___3 23632	34.11 1.19 0.00	32.43 1.18 0.00	24.09 0.86 0.00	21.15 0.82 0.00	22.10 0.76 0.00	25.10 0.93 0.00	26.43 1.19 0.00	39.12 1.72 0.00	32.05 1.53 0.00	26.31 1.07 0.00	25.10 1.05 0.00	24.58 1.10 0.00	23.91 1.04 0.00	20.68 0.81 0.00	19.95 0.79 0.00	22.58 0.95 0.00	22.01 0.94 0.00	24.74 1.10 0.00	33.52 1.42 0.00	38.51 1.92 0.00	33.16 1.74 0.00	42.10 2.16 0.00	33.76 1.41 0.00	34.03 1.25 0.00
LOVETT___4 23642	34.11 1.19 0.00	32.43 1.18 0.00	24.09 0.86 0.00	21.15 0.82 0.00	22.10 0.76 0.00	25.10 0.93 0.00	26.43 1.19 0.00	39.12 1.72 0.00	32.05 1.53 0.00	26.31 1.07 0.00	25.10 1.05 0.00	24.58 1.10 0.00	23.91 1.04 0.00	20.68 0.81 0.00	19.95 0.79 0.00	22.58 0.95 0.00	22.01 0.94 0.00	24.74 1.10 0.00	33.52 1.42 0.00	38.51 1.92 0.00	33.16 1.74 0.00	42.10 2.16 0.00	33.76 1.41 0.00	34.03 1.25 0.00
LOVETT___5 23593	34.11 1.19 0.00	32.43 1.18 0.00	24.09 0.86 0.00	21.15 0.82 0.00	22.10 0.76 0.00	25.10 0.93 0.00	26.43 1.19 0.00	39.12 1.72 0.00	32.05 1.53 0.00	26.31 1.07 0.00	25.10 1.05 0.00	24.58 1.10 0.00	23.91 1.04 0.00	20.68 0.81 0.00	19.95 0.79 0.00	22.58 0.95 0.00	22.01 0.94 0.00	24.74 1.10 0.00	33.52 1.42 0.00	38.51 1.92 0.00	33.16 1.74 0.00	42.10 2.16 0.00	33.76 1.41 0.00	34.03 1.25 0.00
LOWER RAQUET___HYD 24057	33.15 0.23 0.00	31.49 0.23 0.00	23.33 0.10 0.00	20.37 0.03 0.00	21.49 0.15 0.00	24.41 0.24 0.00	25.02 -0.21 0.00	36.99 -0.42 0.00	29.98 -0.54 0.00	24.96 -0.29 0.00	23.79 -0.26 0.00	23.36 -0.12 0.00	22.92 0.05 0.00	19.91 0.04 0.00	19.15 0.00 0.00	21.59 -0.03 0.00	20.89 -0.18 0.00	23.33 -0.31 0.00	32.00 -0.09 0.00	36.27 -0.31 0.00	31.03 -0.38 0.00	39.68 -0.27 0.00	32.55 0.19 0.00	33.23 0.45 0.00
LOWER___HUDSON 24059	33.40 0.48 0.00	31.78 0.52 0.00	23.54 0.31 0.00	20.67 0.34 0.00	21.69 0.35 0.00	24.59 0.42 0.00	25.74 0.50 0.00	38.21 0.80 0.00	31.17 0.65 0.00	25.68 0.44 0.00	24.49 0.43 0.00	23.85 0.37 0.00	23.24 0.37 0.00	20.24 0.36 0.00	19.51 0.36 0.00	22.00 0.37 0.00	21.49 0.41 0.00	24.19 0.56 0.00	32.86 0.77 0.00	37.61 1.02 0.00	32.28 0.87 0.00	41.00 1.05 0.00	33.01 0.65 0.00	33.27 0.49 0.00
LOWVILLE_115KV_TB2 356335	33.25 0.33 0.00	31.50 0.25 0.00	22.89 -0.33 0.00	19.97 -0.37 0.00	21.02 -0.32 0.00	23.87 -0.30 0.00	24.68 -0.56 0.00	36.53 -0.88 0.00	29.87 -0.64 0.00	24.83 -0.42 0.00	23.54 -0.51 0.00	23.14 -0.34 0.00	22.48 -0.39 0.00	19.52 -0.35 0.00	18.83 -0.33 0.00	21.12 -0.51 0.00	20.53 -0.55 0.00	23.26 -0.38 0.00	32.50 0.41 0.00	37.52 0.93 0.00	32.34 0.92 0.00	41.09 1.15 0.00	33.12 0.77 0.00	33.42 0.65 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.85 0.92 0.00	32.15 0.89 0.00	23.81 0.59 0.00	20.90 0.56 0.00	21.96 0.62 0.00	24.90 0.73 0.00	26.08 0.84 0.00	38.71 1.30 0.00	31.58 1.06 0.00	26.03 0.78 0.00	24.81 0.76 0.00	24.13 0.65 0.00	23.51 0.64 0.00	20.51 0.63 0.00	19.74 0.59 0.00	22.26 0.64 0.00	21.77 0.70 0.00	24.51 0.88 0.00	33.37 1.28 0.00	38.17 1.59 0.00	32.77 1.35 0.00	41.59 1.65 0.00	33.42 1.07 0.00	33.67 0.90 0.00
LUTHERNY_35_KV_BK2 355980	33.83 0.90 0.00	32.13 0.87 0.00	23.80 0.57 0.00	20.89 0.55 0.00	21.95 0.61 0.00	24.90 0.73 0.00	26.08 0.84 0.00	38.73 1.33 0.00	31.57 1.06 0.00	26.03 0.78 0.00	24.81 0.75 0.00	24.13 0.65 0.00	23.52 0.65 0.00	20.50 0.63 0.00	19.75 0.59 0.00	22.28 0.66 0.00	21.78 0.71 0.00	24.51 0.88 0.00	33.43 1.34 0.00	38.19 1.60 0.00	32.78 1.36 0.00	41.60 1.66 0.00	33.45 1.10 0.00	33.68 0.90 0.00

LWR___OSWEGATCHIE_HYD 23850	33.12 0.20 0.00	31.42 0.16 0.00	23.06 -0.16 0.00	20.12 -0.22 0.00	21.21 -0.13 0.00	24.08 -0.09 0.00	24.79 -0.44 0.00	36.66 -0.75 0.00	29.84 -0.68 0.00	24.76 -0.49 0.00	23.56 -0.49 0.00	23.16 -0.32 0.00	22.62 -0.25 0.00	19.65 -0.22 0.00	18.93 -0.23 0.00	21.26 -0.37 0.00	20.62 -0.45 0.00	23.21 -0.42 0.00	32.16 0.06 0.00	36.78 0.20 0.00	31.61 0.20 0.00	40.29 0.34 0.00	32.74 0.39 0.00	33.24 0.46 0.00
LYONS_FALL_HYD 23570	33.39 0.47 0.00	31.64 0.38 0.00	23.18 -0.05 0.00	20.24 -0.09 0.00	21.27 -0.06 0.00	24.13 -0.04 0.00	25.08 -0.16 0.00	37.13 -0.28 0.00	30.34 -0.17 0.00	25.17 -0.08 0.00	23.91 -0.14 0.00	23.44 -0.04 0.00	22.77 -0.09 0.00	19.77 -0.10 0.00	19.07 -0.08 0.00	21.45 -0.18 0.00	20.88 -0.19 0.00	23.61 -0.02 0.00	32.62 0.54 0.00	37.53 0.95 0.00	32.33 0.91 0.00	41.06 1.12 0.00	33.09 0.73 0.00	33.41 0.64 0.00
MADISON___COUNTY_LFGE 323628	33.66 0.74 0.00	31.89 0.64 0.00	23.61 0.39 0.00	20.66 0.33 0.00	21.66 0.31 0.00	24.54 0.37 0.00	25.65 0.42 0.00	38.01 0.61 0.00	30.99 0.48 0.00	25.63 0.38 0.00	24.36 0.30 0.00	23.76 0.29 0.00	23.10 0.23 0.00	20.07 0.20 0.00	19.39 0.23 0.00	21.84 0.21 0.00	21.39 0.31 0.00	24.10 0.46 0.00	32.81 0.72 0.00	37.61 1.03 0.00	32.38 0.97 0.00	41.11 1.17 0.00	33.09 0.73 0.00	33.44 0.67 0.00
MALONE___115KV_TB1 356076	34.13 1.21 0.00	32.46 1.20 0.00	24.08 0.86 0.00	21.03 0.70 0.00	22.26 0.92 0.00	25.24 1.07 0.00	25.99 0.75 0.00	38.65 1.25 0.00	31.50 0.98 0.00	26.13 0.89 0.00	25.01 0.97 0.00	24.38 0.90 0.00	23.92 1.05 0.00	20.73 0.85 0.00	19.94 0.78 0.00	22.59 0.96 0.00	21.91 0.84 0.00	24.57 0.93 0.00	33.57 1.48 0.00	38.04 1.45 0.00	32.46 1.05 0.00	41.28 1.34 0.00	33.63 1.28 0.00	34.08 1.31 0.00
MAPLEWOD_115KV_TB3 80458	33.24 0.31 0.00	31.59 0.33 0.00	23.42 0.19 0.00	20.55 0.22 0.00	21.55 0.21 0.00	24.43 0.26 0.00	25.58 0.35 0.00	37.96 0.56 0.00	31.03 0.51 0.00	25.58 0.33 0.00	24.39 0.34 0.00	23.78 0.31 0.00	23.13 0.26 0.00	20.15 0.27 0.00	19.43 0.27 0.00	21.93 0.30 0.00	21.39 0.32 0.00	24.09 0.46 0.00	32.68 0.59 0.00	37.42 0.83 0.00	32.12 0.71 0.00	40.78 0.83 0.00	32.85 0.49 0.00	33.13 0.35 0.00
MAPLE_RIDGE_WT_1 323574	32.82 -0.10 0.00	31.10 -0.15 0.00	23.00 -0.23 0.00	20.08 -0.25 0.00	21.12 -0.22 0.00	23.97 -0.20 0.00	24.90 -0.34 0.00	36.91 -0.49 0.00	30.06 -0.45 0.00	25.04 -0.21 0.00	23.91 -0.14 0.00	23.38 -0.10 0.00	22.79 -0.08 0.00	19.76 -0.11 0.00	19.00 -0.16 0.00	21.46 -0.17 0.00	20.82 -0.25 0.00	23.37 -0.27 0.00	32.06 -0.03 0.00	36.55 -0.03 0.00	31.36 -0.05 0.00	39.88 -0.06 0.00	32.41 0.05 0.00	32.83 0.05 0.00
MAPLE_RIDGE_WT_2 323611	32.82 -0.10 0.00	31.10 -0.15 0.00	23.00 -0.23 0.00	20.08 -0.25 0.00	21.12 -0.22 0.00	23.97 -0.20 0.00	24.90 -0.34 0.00	36.91 -0.49 0.00	30.06 -0.45 0.00	25.04 -0.21 0.00	23.91 -0.14 0.00	23.38 -0.10 0.00	22.79 -0.08 0.00	19.76 -0.11 0.00	19.00 -0.16 0.00	21.46 -0.17 0.00	20.82 -0.25 0.00	23.37 -0.27 0.00	32.06 -0.03 0.00	36.55 -0.03 0.00	31.36 -0.05 0.00	39.88 -0.06 0.00	32.41 0.05 0.00	32.83 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	34.60 1.67 0.00	32.95 1.70 0.00	24.37 1.15 0.00	21.34 1.00 0.00	22.76 1.42 0.00	25.64 1.47 0.00	26.25 1.01 0.00	39.19 1.79 0.00	31.97 1.45 0.00	26.48 1.24 0.00	25.64 1.59 0.00	24.84 1.36 0.00	24.42 1.55 0.00	21.15 1.28 0.00	20.38 1.22 0.00	23.09 1.47 0.00	22.35 1.28 0.00	25.18 1.55 0.00	34.40 2.31 0.00	39.00 2.42 0.00	33.12 1.71 0.00	41.95 2.00 0.00	33.97 1.62 0.00	34.28 1.50 0.00
MARSHVLE_115KV_TB1 80742	35.18 2.26 0.00	33.27 2.02 0.00	24.68 1.46 0.00	21.57 1.23 0.00	22.62 1.28 0.00	25.61 1.44 0.00	26.78 1.55 0.00	39.61 2.20 0.00	32.28 1.77 0.00	26.74 1.50 0.00	25.45 1.40 0.00	24.75 1.27 0.00	24.12 1.25 0.00	20.89 1.02 0.00	20.22 1.06 0.00	22.80 1.17 0.00	22.15 1.08 0.00	24.96 1.33 0.00	34.06 1.97 0.00	38.98 2.39 0.00	33.51 2.10 0.00	42.51 2.57 0.00	34.44 2.09 0.00	34.94 2.16 0.00
MARSH_HILL_WT_PWR 323713	32.39 -0.53 0.00	30.51 -0.74 0.00	22.56 -0.66 0.00	19.65 -0.68 0.00	20.59 -0.75 0.00	23.31 -0.86 0.00	24.40 -0.83 0.00	35.93 -1.47 0.00	29.82 -0.70 0.00	24.71 -0.53 0.00	23.84 -0.21 0.00	23.01 -0.46 0.00	21.59 -1.28 0.00	18.58 -1.30 0.00	17.84 -1.32 0.00	20.19 -1.44 0.00	19.65 -1.42 0.00	22.13 -1.50 0.00	30.24 -1.85 0.00	35.86 -0.72 0.00	31.52 0.11 0.00	39.99 0.05 0.00	31.85 -0.51 0.00	32.54 -0.23 0.00
MCINTYRE_115KV_TB2 80467	33.82 0.90 0.00	32.12 0.86 0.00	23.86 0.63 0.00	20.82 0.48 0.00	21.97 0.62 0.00	24.96 0.80 0.00	25.76 0.52 0.00	38.14 0.74 0.00	30.80 0.29 0.00	25.55 0.30 0.00	24.30 0.25 0.00	23.83 0.35 0.00	23.33 0.46 0.00	20.32 0.44 0.00	19.52 0.36 0.00	22.00 0.38 0.00	21.27 0.19 0.00	23.83 0.19 0.00	32.78 0.69 0.00	37.19 0.60 0.00	31.81 0.40 0.00	40.57 0.63 0.00	33.25 0.89 0.00	33.87 1.10 0.00
MECO_____69_KV_BK1 80468	36.29 3.37 0.00	34.30 3.04 0.00	25.43 2.21 0.00	22.23 1.90 0.00	23.32 1.98 0.00	26.42 2.25 0.00	27.69 2.46 0.00	41.00 3.60 0.00	33.41 2.90 0.00	27.59 2.35 0.00	25.88 1.83 0.00	25.23 1.75 0.00	24.56 1.70 0.00	21.31 1.43 0.00	20.76 1.61 0.00	23.40 1.78 0.00	22.73 1.66 0.00	25.94 2.31 0.00	35.43 3.34 0.00	40.72 4.13 0.00	34.94 3.52 0.00	44.27 4.33 0.00	35.68 3.32 0.00	36.05 3.28 0.00
MENANDS__115KV_TB5 355628	33.06 0.13 0.00	31.41 0.15 0.00	23.30 0.07 0.00	20.44 0.11 0.00	21.44 0.09 0.00	24.30 0.13 0.00	25.45 0.21 0.00	37.78 0.37 0.00	30.86 0.35 0.00	25.45 0.21 0.00	24.27 0.21 0.00	23.68 0.20 0.00	23.03 0.16 0.00	20.04 0.17 0.00	19.34 0.18 0.00	21.82 0.20 0.00	21.29 0.22 0.00	23.98 0.34 0.00	32.50 0.41 0.00	37.21 0.62 0.00	31.94 0.53 0.00	40.55 0.61 0.00	32.68 0.32 0.00	32.96 0.18 0.00
MG INDUSTRY___DRP 24185	33.26 0.34 0.00	31.61 0.36 0.00	23.46 0.23 0.00	20.57 0.23 0.00	21.57 0.22 0.00	24.45 0.28 0.00	25.59 0.35 0.00	37.94 0.54 0.00	31.02 0.50 0.00	25.58 0.33 0.00	24.38 0.32 0.00	23.77 0.29 0.00	23.07 0.21 0.00	20.10 0.22 0.00	19.40 0.25 0.00	21.89 0.26 0.00	21.37 0.30 0.00	24.08 0.45 0.00	32.66 0.57 0.00	37.39 0.80 0.00	32.10 0.69 0.00	40.76 0.82 0.00	32.86 0.50 0.00	33.18 0.40 0.00
MID___OSWEGATCHIE_HYD 23849	33.12 0.20 0.00	31.42 0.16 0.00	23.06 -0.16 0.00	20.12 -0.22 0.00	21.21 -0.13 0.00	24.08 -0.09 0.00	24.79 -0.44 0.00	36.66 -0.75 0.00	29.84 -0.68 0.00	24.76 -0.49 0.00	23.56 -0.49 0.00	23.16 -0.32 0.00	22.62 -0.25 0.00	19.65 -0.22 0.00	18.93 -0.23 0.00	21.26 -0.37 0.00	20.62 -0.45 0.00	23.21 -0.42 0.00	32.16 0.06 0.00	36.78 0.20 0.00	31.61 0.20 0.00	40.29 0.34 0.00	32.74 0.39 0.00	33.24 0.46 0.00

MID___RAQUETTE_HYD 23851	33.15 0.22 0.00	31.49 0.23 0.00	23.33 0.10 0.00	20.37 0.03 0.00	21.49 0.15 0.00	24.41 0.24 0.00	25.02 -0.21 0.00	36.98 -0.42 0.00	29.98 -0.54 0.00	24.96 -0.29 0.00	23.79 -0.26 0.00	23.36 -0.12 0.00	22.92 0.05 0.00	19.91 0.04 0.00	19.15 0.00 0.00	21.59 -0.04 0.00	20.89 -0.18 0.00	23.33 -0.31 0.00	32.00 -0.09 0.00	36.28 -0.31 0.00	31.03 -0.38 0.00	39.67 -0.27 0.00	32.55 0.19 0.00	33.22 0.45 0.00
MILLIKEN___1 23584	33.37 0.45 0.00	31.61 0.36 0.00	23.49 0.26 0.00	20.53 0.19 0.00	21.53 0.19 0.00	24.31 0.14 0.00	25.45 0.21 0.00	37.63 0.22 0.00	30.84 0.33 0.00	25.41 0.16 0.00	24.11 0.06 0.00	23.43 -0.05 0.00	22.79 -0.08 0.00	19.82 -0.05 0.00	19.09 -0.07 0.00	21.60 -0.03 0.00	21.07 0.00 0.00	23.76 0.13 0.00	32.19 0.10 0.00	36.97 0.39 0.00	31.86 0.44 0.00	40.55 0.61 0.00	32.56 0.20 0.00	33.01 0.23 0.00
MILLIKEN___2 23585	33.37 0.45 0.00	31.61 0.36 0.00	23.49 0.26 0.00	20.53 0.19 0.00	21.53 0.19 0.00	24.31 0.14 0.00	25.45 0.21 0.00	37.63 0.22 0.00	30.84 0.33 0.00	25.41 0.16 0.00	24.11 0.06 0.00	23.43 -0.05 0.00	22.79 -0.08 0.00	19.82 -0.05 0.00	19.09 -0.07 0.00	21.60 -0.03 0.00	21.07 0.00 0.00	23.76 0.13 0.00	32.19 0.10 0.00	36.97 0.39 0.00	31.86 0.44 0.00	40.55 0.61 0.00	32.56 0.20 0.00	33.01 0.23 0.00
MILLIKEN___DIESEL 23629	33.37 0.45 0.00	31.61 0.36 0.00	23.49 0.26 0.00	20.53 0.19 0.00	21.53 0.19 0.00	24.31 0.14 0.00	25.45 0.21 0.00	37.63 0.22 0.00	30.84 0.33 0.00	25.41 0.16 0.00	24.11 0.06 0.00	23.43 -0.05 0.00	22.79 -0.08 0.00	19.82 -0.05 0.00	19.09 -0.07 0.00	21.60 -0.03 0.00	21.07 0.00 0.00	23.76 0.13 0.00	32.19 0.10 0.00	36.97 0.39 0.00	31.86 0.44 0.00	40.55 0.61 0.00	32.56 0.20 0.00	33.01 0.23 0.00
MILLSEAT___LFGE 323607	32.84 -0.08 0.00	31.20 -0.06 0.00	23.25 0.03 0.00	20.12 -0.22 0.00	21.24 -0.10 0.00	23.77 -0.40 0.00	24.60 -0.64 0.00	36.04 -1.37 0.00	29.82 -0.70 0.00	24.49 -0.75 0.00	23.20 -0.85 0.00	22.50 -0.98 0.00	22.02 -0.85 0.00	19.12 -0.75 0.00	18.43 -0.73 0.00	20.70 -0.93 0.00	20.05 -1.02 0.00	22.26 -1.38 0.00	29.96 -2.13 0.00	34.83 -1.75 0.00	30.16 -1.26 0.00	38.36 -1.58 0.00	30.71 -1.65 0.00	31.52 -1.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.26 1.34 0.00	32.58 1.32 0.00	24.18 0.95 0.00	21.24 0.91 0.00	22.19 0.85 0.00	25.20 1.03 0.00	26.52 1.29 0.00	39.26 1.85 0.00	32.18 1.67 0.00	26.46 1.21 0.00	25.26 1.20 0.00	24.71 1.23 0.00	24.03 1.17 0.00	20.82 0.94 0.00	20.07 0.91 0.00	22.70 1.08 0.00	22.15 1.08 0.00	24.87 1.24 0.00	33.70 1.61 0.00	38.71 2.13 0.00	33.32 1.90 0.00	42.31 2.37 0.00	33.93 1.58 0.00	34.20 1.42 0.00
MILLWOOD_13_KV_LOAD 356217	34.33 1.41 0.00	32.65 1.39 0.00	24.23 1.00 0.00	21.28 0.95 0.00	22.23 0.89 0.00	25.25 1.08 0.00	26.58 1.34 0.00	39.34 1.94 0.00	32.26 1.75 0.00	26.52 1.27 0.00	25.30 1.25 0.00	24.76 1.28 0.00	24.09 1.22 0.00	20.85 0.98 0.00	20.11 0.95 0.00	22.75 1.12 0.00	22.19 1.12 0.00	24.93 1.29 0.00	33.78 1.69 0.00	38.81 2.22 0.00	33.40 1.98 0.00	42.40 2.46 0.00	34.01 1.65 0.00	34.27 1.49 0.00
MODEL_CITY_ENERGY 24167	31.98 -0.94 0.00	30.42 -0.84 0.00	22.70 -0.52 0.00	19.62 -0.72 0.00	20.73 -0.61 0.00	23.17 -1.00 0.00	23.90 -1.34 0.00	34.92 -2.48 0.00	28.93 -1.59 0.00	23.81 -1.44 0.00	22.67 -1.38 0.00	22.07 -1.41 0.00	21.62 -1.25 0.00	18.77 -1.10 0.00	18.07 -1.09 0.00	20.30 -1.33 0.00	19.66 -1.42 0.00	21.76 -1.87 0.00	29.08 -3.01 0.00	33.68 -2.91 0.00	29.16 -2.26 0.00	37.10 -2.84 0.00	29.75 -2.60 0.00	30.61 -2.17 0.00
MODERN_LFGE___ 323580	31.98 -0.94 0.00	30.42 -0.84 0.00	22.70 -0.52 0.00	19.62 -0.72 0.00	20.73 -0.61 0.00	23.17 -1.00 0.00	23.90 -1.34 0.00	34.92 -2.48 0.00	28.93 -1.59 0.00	23.81 -1.44 0.00	22.67 -1.38 0.00	22.07 -1.41 0.00	21.62 -1.25 0.00	18.77 -1.10 0.00	18.07 -1.09 0.00	20.30 -1.33 0.00	19.66 -1.42 0.00	21.76 -1.87 0.00	29.08 -3.01 0.00	33.68 -2.91 0.00	29.16 -2.26 0.00	37.10 -2.84 0.00	29.75 -2.60 0.00	30.61 -2.17 0.00
MOHAWK_PAPER___DRP 24187	33.24 0.31 0.00	31.59 0.33 0.00	23.42 0.19 0.00	20.55 0.22 0.00	21.55 0.21 0.00	24.43 0.26 0.00	25.58 0.35 0.00	37.96 0.56 0.00	31.03 0.51 0.00	25.58 0.33 0.00	24.39 0.34 0.00	23.78 0.31 0.00	23.13 0.26 0.00	20.15 0.27 0.00	19.43 0.27 0.00	21.93 0.30 0.00	21.39 0.32 0.00	24.09 0.46 0.00	32.68 0.59 0.00	37.42 0.83 0.00	32.12 0.71 0.00	40.78 0.83 0.00	32.85 0.49 0.00	33.13 0.35 0.00
MOHICAN___35_KV_115KV_LD 80490	33.91 0.99 0.00	32.14 0.89 0.00	23.76 0.54 0.00	20.88 0.54 0.00	22.00 0.66 0.00	24.97 0.80 0.00	26.17 0.93 0.00	38.87 1.47 0.00	31.70 1.19 0.00	26.14 0.90 0.00	24.93 0.87 0.00	24.14 0.66 0.00	23.52 0.65 0.00	20.62 0.75 0.00	19.83 0.67 0.00	22.28 0.65 0.00	21.82 0.75 0.00	24.59 0.95 0.00	33.56 1.48 0.00	38.43 1.84 0.00	32.98 1.56 0.00	41.83 1.88 0.00	33.45 1.10 0.00	33.66 0.88 0.00
MONGAUP___HYD 23641	33.84 0.92 0.00	32.14 0.88 0.00	23.87 0.65 0.00	20.94 0.61 0.00	21.91 0.57 0.00	24.85 0.68 0.00	25.95 0.71 0.00	38.41 1.00 0.00	31.38 0.86 0.00	25.74 0.50 0.00	24.60 0.54 0.00	24.01 0.53 0.00	23.35 0.48 0.00	20.19 0.32 0.00	19.49 0.33 0.00	22.05 0.42 0.00	21.55 0.48 0.00	24.26 0.63 0.00	32.97 0.88 0.00	37.88 1.30 0.00	32.60 1.19 0.00	41.37 1.42 0.00	33.21 0.85 0.00	33.46 0.68 0.00
MONTAUK___DIESEL 23721	35.67 2.75 0.00	34.01 2.76 0.00	26.10 2.28 -0.59	22.44 2.10 0.00	23.41 2.07 0.00	44.67 2.62 -17.88	52.87 3.13 -24.51	41.21 3.81 0.00	33.84 3.32 0.00	27.69 2.44 0.00	43.27 2.79 -16.43	27.74 2.74 -1.52	26.40 2.48 -1.06	22.47 2.07 -0.53	20.86 1.70 0.00	23.61 1.98 0.00	23.46 2.39 0.00	26.11 2.48 0.00	34.83 2.74 0.00	39.69 3.10 0.00	34.14 2.73 0.00	43.57 3.63 0.00	34.32 1.96 0.00	34.69 1.92 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.42 0.50 0.00	31.85 0.60 0.00	23.77 0.55 0.00	20.56 0.23 0.00	21.58 0.23 0.00	24.20 0.03 0.00	25.31 0.08 0.00	37.21 -0.19 0.00	30.84 0.33 0.00	25.21 -0.04 0.00	24.12 0.07 0.00	23.58 0.10 0.00	22.87 0.00 0.00	19.71 -0.16 0.00	18.83 -0.33 0.00	21.25 -0.37 0.00	20.62 -0.45 0.00	23.00 -0.63 0.00	31.02 -1.07 0.00	36.34 -0.25 0.00	31.47 0.06 0.00	40.08 0.13 0.00	31.75 -0.61 0.00	32.26 -0.51 0.00
MORTIMER_115KV_TB3 55949	32.52 -0.40 0.00	30.87 -0.39 0.00	22.96 -0.26 0.00	19.94 -0.39 0.00	21.01 -0.33 0.00	23.60 -0.57 0.00	24.53 -0.71 0.00	36.10 -1.30 0.00	29.74 -0.77 0.00	24.51 -0.73 0.00	23.24 -0.81 0.00	22.61 -0.87 0.00	22.12 -0.74 0.00	19.23 -0.64 0.00	18.50 -0.66 0.00	20.82 -0.80 0.00	20.23 -0.84 0.00	22.55 -1.09 0.00	30.44 -1.65 0.00	35.16 -1.43 0.00	30.34 -1.08 0.00	38.56 -1.38 0.00	30.97 -1.39 0.00	31.63 -1.15 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.49 1.57 0.00	32.80 1.54 0.00	24.33 1.10 0.00	21.37 1.04 0.00	22.32 0.98 0.00	25.35 1.18 0.00	26.70 1.46 0.00	39.49 2.09 0.00	32.41 1.90 0.00	26.66 1.41 0.00	25.45 1.40 0.00	24.89 1.41 0.00	24.22 1.35 0.00	20.97 1.10 0.00	20.23 1.07 0.00	22.88 1.25 0.00	22.31 1.24 0.00	25.05 1.41 0.00	33.93 1.84 0.00	38.97 2.38 0.00	33.55 2.13 0.00	42.61 2.67 0.00	34.17 1.82 0.00	34.43 1.65 0.00
MUNSVILLE_WIND_PWR 323609	35.24 2.32 0.00	33.03 1.78 0.00	24.70 1.47 0.00	21.43 1.09 0.00	22.35 1.01 0.00	25.48 1.31 0.00	26.46 1.22 0.00	39.36 1.95 0.00	32.02 1.51 0.00	26.37 1.12 0.00	24.83 0.78 0.00	24.05 0.57 0.00	23.46 0.59 0.00	20.54 0.67 0.00	19.62 0.46 0.00	22.40 0.78 0.00	22.10 1.03 0.00	25.02 1.39 0.00	33.82 1.73 0.00	39.07 2.48 0.00	33.72 2.31 0.00	42.99 3.04 0.00	34.60 2.24 0.00	35.05 2.27 0.00
N SALMON___HYD 24042	34.13 1.21 0.00	32.46 1.20 0.00	24.08 0.86 0.00	21.03 0.70 0.00	22.26 0.92 0.00	25.24 1.07 0.00	25.99 0.75 0.00	38.65 1.25 0.00	31.50 0.98 0.00	26.13 0.89 0.00	25.02 0.97 0.00	24.38 0.90 0.00	23.92 1.05 0.00	20.73 0.85 0.00	19.94 0.78 0.00	22.59 0.96 0.00	21.91 0.84 0.00	24.57 0.93 0.00	33.57 1.48 0.00	38.04 1.45 0.00	32.46 1.05 0.00	41.28 1.34 0.00	33.63 1.28 0.00	34.08 1.31 0.00
N.AKRON___115KV_KNAPP 355671	32.83 -0.09 0.00	31.22 -0.04 0.00	23.27 0.05 0.00	20.12 -0.22 0.00	21.25 -0.09 0.00	23.78 -0.39 0.00	24.59 -0.65 0.00	36.02 -1.38 0.00	29.81 -0.70 0.00	24.49 -0.76 0.00	23.21 -0.85 0.00	22.52 -0.96 0.00	22.03 -0.84 0.00	19.13 -0.74 0.00	18.44 -0.72 0.00	20.71 -0.92 0.00	20.06 -1.01 0.00	22.26 -1.37 0.00	29.97 -2.12 0.00	34.82 -1.77 0.00	30.15 -1.26 0.00	38.34 -1.61 0.00	30.70 -1.66 0.00	31.52 -1.26 0.00
N.BELMOR_69_KV_BK1 55787	34.76 1.84 0.00	33.09 1.83 0.00	25.21 1.40 -0.59	21.63 1.30 0.00	22.58 1.24 0.00	43.56 1.51 -17.88	51.54 1.79 -24.51	39.78 2.37 0.00	32.69 2.18 0.00	26.84 1.59 0.00	42.46 1.68 -16.72	28.02 1.68 -2.87	27.76 1.61 -3.28	24.14 1.30 -2.97	20.29 1.13 0.00	22.96 1.34 0.00	22.53 1.46 0.00	25.14 1.50 0.00	34.00 1.91 0.00	39.14 2.56 0.00	33.68 2.27 0.00	42.81 2.86 0.00	34.16 1.81 0.00	34.58 1.80 0.00
N.E_GEN_SANDY PD 24062	35.89 0.67 -2.30	31.99 0.73 0.00	23.70 0.48 0.00	20.84 0.51 0.00	21.82 0.47 0.00	24.76 0.59 0.00	26.00 0.76 0.00	40.41 1.17 -1.84	31.52 1.01 0.00	24.93 0.67 0.99	24.73 0.68 0.00	24.09 0.65 0.05	23.51 0.64 0.00	20.42 0.54 0.00	19.81 0.55 -0.10	22.11 0.62 0.14	21.75 0.64 -0.04	24.52 0.80 -0.08	34.12 1.08 -0.94	38.06 1.47 0.00	32.70 1.29 0.00	41.32 1.58 0.20	34.10 0.98 -0.77	31.58 0.74 1.94
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.17 1.25 0.00	32.49 1.23 0.00	24.13 0.90 0.00	21.19 0.85 0.00	22.14 0.80 0.00	25.15 0.98 0.00	26.48 1.24 0.00	39.19 1.78 0.00	32.11 1.59 0.00	26.36 1.11 0.00	25.14 1.09 0.00	24.61 1.13 0.00	23.95 1.08 0.00	20.72 0.85 0.00	19.98 0.83 0.00	22.61 0.99 0.00	22.05 0.98 0.00	24.78 1.15 0.00	33.57 1.48 0.00	38.58 1.99 0.00	33.22 1.81 0.00	42.18 2.24 0.00	33.82 1.46 0.00	34.09 1.31 0.00
N.QUEENS_27_KV_LOAD 356247	34.70 1.78 0.00	33.01 1.76 0.00	24.47 1.25 0.00	21.49 1.16 0.00	22.44 1.10 0.00	25.50 1.33 0.00	26.86 1.63 0.00	39.73 2.32 0.00	32.66 2.15 0.00	26.84 1.60 0.00	25.62 1.57 0.00	25.03 1.56 0.00	24.36 1.50 0.00	21.10 1.22 0.00	20.35 1.19 0.00	23.02 1.39 0.00	22.45 1.38 0.00	25.20 1.57 0.00	34.12 2.03 0.00	39.17 2.58 0.00	33.75 2.33 0.00	42.90 2.96 0.00	34.38 2.03 0.00	34.64 1.87 0.00
N.TROY___115KV_TB1 355778	33.40 0.48 0.00	31.78 0.53 0.00	23.54 0.32 0.00	20.67 0.34 0.00	21.69 0.35 0.00	24.59 0.42 0.00	25.74 0.50 0.00	38.21 0.80 0.00	31.17 0.65 0.00	25.68 0.44 0.00	24.49 0.43 0.00	23.85 0.37 0.00	23.24 0.37 0.00	20.24 0.37 0.00	19.51 0.36 0.00	22.00 0.38 0.00	21.49 0.42 0.00	24.19 0.56 0.00	32.86 0.77 0.00	37.61 1.03 0.00	32.28 0.87 0.00	41.00 1.05 0.00	33.01 0.65 0.00	33.27 0.49 0.00
NARROWS_GT1_1 24228	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT1_2 24229	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT1_3 24230	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT1_4 24231	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT1_5 24232	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT1_6 24233	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00

NARROWS_GT1_7 24234	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT1_8 24235	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_1 24236	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_2 24237	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_3 24238	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_4 24239	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_5 24240	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_6 24241	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_7 24242	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NARROWS_GT2_8 24243	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.78 0.86 0.00	32.06 0.80 0.00	23.76 0.53 0.00	20.84 0.50 0.00	21.87 0.53 0.00	24.81 0.64 0.00	25.99 0.75 0.00	38.62 1.22 0.00	31.60 1.09 0.00	26.04 0.79 0.00	24.72 0.67 0.00	24.12 0.64 0.00	23.26 0.39 0.00	20.27 0.40 0.00	19.67 0.51 0.00	22.16 0.54 0.00	21.58 0.51 0.00	24.50 0.86 0.00	33.31 1.22 0.00	38.23 1.64 0.00	32.78 1.37 0.00	41.57 1.63 0.00	33.44 1.08 0.00	33.69 0.91 0.00
NCHELSEA_115KV_TR2 355582	34.64 1.72 0.00	32.90 1.65 0.00	24.42 1.19 0.00	21.43 1.10 0.00	22.42 1.07 0.00	25.44 1.28 0.00	26.79 1.55 0.00	39.67 2.27 0.00	32.51 2.00 0.00	26.71 1.47 0.00	25.48 1.43 0.00	24.92 1.44 0.00	24.21 1.34 0.00	20.94 1.07 0.00	20.23 1.07 0.00	22.91 1.28 0.00	22.35 1.28 0.00	25.12 1.48 0.00	34.10 2.01 0.00	39.18 2.59 0.00	33.71 2.30 0.00	42.78 2.84 0.00	34.30 1.95 0.00	34.54 1.76 0.00
NEG CAPITAL___MECHNVIL 23645	33.81 0.89 0.00	32.12 0.87 0.00	23.79 0.56 0.00	20.88 0.54 0.00	21.93 0.59 0.00	24.88 0.71 0.00	26.05 0.82 0.00	38.68 1.27 0.00	31.56 1.04 0.00	26.01 0.77 0.00	24.80 0.75 0.00	24.12 0.64 0.00	23.50 0.63 0.00	20.51 0.63 0.00	19.74 0.58 0.00	22.26 0.63 0.00	21.76 0.69 0.00	24.51 0.87 0.00	33.36 1.27 0.00	38.17 1.58 0.00	32.76 1.34 0.00	41.55 1.61 0.00	33.41 1.05 0.00	33.65 0.88 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.86 -1.06 0.00	30.24 -1.02 0.00	22.47 -0.75 0.00	19.56 -0.77 0.00	20.60 -0.74 0.00	23.18 -0.99 0.00	24.13 -1.11 0.00	35.57 -1.83 0.00	29.23 -1.28 0.00	24.11 -1.13 0.00	22.87 -1.19 0.00	22.23 -1.25 0.00	21.71 -1.16 0.00	18.91 -0.97 0.00	18.21 -0.95 0.00	20.52 -1.11 0.00	19.96 -1.12 0.00	22.32 -1.32 0.00	30.22 -1.87 0.00	34.81 -1.78 0.00	29.98 -1.43 0.00	38.09 -1.85 0.00	30.59 -1.77 0.00	31.17 -1.61 0.00
NEG CENTRAL___DRP 24199	32.80 -0.12 0.00	31.10 -0.16 0.00	23.12 -0.10 0.00	20.19 -0.14 0.00	21.19 -0.15 0.00	23.92 -0.25 0.00	25.03 -0.21 0.00	36.87 -0.53 0.00	30.34 -0.18 0.00	25.00 -0.25 0.00	23.75 -0.30 0.00	23.05 -0.43 0.00	22.38 -0.49 0.00	19.46 -0.41 0.00	18.74 -0.42 0.00	21.18 -0.45 0.00	20.63 -0.44 0.00	23.19 -0.45 0.00	31.44 -0.65 0.00	36.18 -0.41 0.00	31.24 -0.17 0.00	39.72 -0.22 0.00	31.85 -0.50 0.00	32.37 -0.41 0.00

NEG CENTRAL___INDECK 23768	33.61 0.69 0.00	31.82 0.56 0.00	23.58 0.36 0.00	20.49 0.15 0.00	21.55 0.20 0.00	24.29 0.12 0.00	25.36 0.12 0.00	37.41 0.01 0.00	30.83 0.32 0.00	25.38 0.13 0.00	23.92 -0.13 0.00	23.17 -0.31 0.00	22.29 -0.57 0.00	19.30 -0.57 0.00	18.56 -0.60 0.00	20.92 -0.71 0.00	20.33 -0.74 0.00	22.77 -0.86 0.00	30.91 -1.18 0.00	36.60 0.01 0.00	31.96 0.54 0.00	40.66 0.71 0.00	32.51 0.15 0.00	33.15 0.37 0.00
NEG CENTRAL___SENECA 23627	32.92 -0.01 0.00	31.20 -0.06 0.00	23.22 0.00 0.00	20.24 -0.09 0.00	21.24 -0.10 0.00	24.00 -0.17 0.00	25.10 -0.13 0.00	36.93 -0.47 0.00	30.47 -0.05 0.00	25.06 -0.18 0.00	23.83 -0.22 0.00	23.10 -0.38 0.00	22.37 -0.49 0.00	19.45 -0.43 0.00	18.71 -0.45 0.00	21.17 -0.45 0.00	20.60 -0.48 0.00	23.16 -0.47 0.00	31.44 -0.65 0.00	36.27 -0.32 0.00	31.39 -0.03 0.00	39.87 -0.07 0.00	31.89 -0.47 0.00	32.48 -0.30 0.00
NEG CENTRAL___STATE_STREET 24147	32.97 0.05 0.00	31.27 0.01 0.00	23.22 0.00 0.00	20.32 -0.02 0.00	21.35 0.00 0.00	24.01 -0.15 0.00	25.16 -0.07 0.00	37.10 -0.30 0.00	30.51 -0.01 0.00	25.17 -0.08 0.00	23.90 -0.16 0.00	23.17 -0.31 0.00	22.61 -0.26 0.00	19.68 -0.20 0.00	18.95 -0.21 0.00	21.41 -0.21 0.00	20.88 -0.19 0.00	23.50 -0.14 0.00	31.78 -0.30 0.00	36.39 -0.19 0.00	31.34 -0.07 0.00	39.97 0.03 0.00	32.12 -0.24 0.00	32.61 -0.17 0.00
NEG MILLWOOD___DRP 24198	34.70 1.78 0.00	32.97 1.72 0.00	24.46 1.24 0.00	21.48 1.14 0.00	22.46 1.12 0.00	25.50 1.33 0.00	26.84 1.61 0.00	39.78 2.37 0.00	32.61 2.10 0.00	26.81 1.56 0.00	25.57 1.52 0.00	25.01 1.53 0.00	24.31 1.44 0.00	21.03 1.16 0.00	20.29 1.13 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.18 1.55 0.00	34.18 2.09 0.00	39.26 2.67 0.00	33.78 2.37 0.00	42.88 2.94 0.00	34.37 2.01 0.00	34.60 1.83 0.00
NEG NORTH_FLCN_SEA 23793	34.73 1.81 0.00	33.04 1.78 0.00	24.45 1.23 0.00	21.43 1.10 0.00	22.81 1.47 0.00	25.70 1.53 0.00	26.27 1.03 0.00	39.21 1.80 0.00	31.99 1.47 0.00	26.48 1.24 0.00	25.68 1.63 0.00	24.90 1.42 0.00	24.47 1.60 0.00	21.22 1.34 0.00	20.43 1.27 0.00	23.14 1.51 0.00	22.40 1.33 0.00	25.23 1.60 0.00	34.46 2.37 0.00	39.08 2.49 0.00	33.19 1.78 0.00	42.06 2.12 0.00	34.05 1.69 0.00	34.39 1.62 0.00
NEG NORTH_KES_CHATEGAY 23792	34.02 1.10 0.00	32.37 1.12 0.00	24.02 0.80 0.00	21.00 0.66 0.00	22.25 0.91 0.00	25.18 1.01 0.00	25.94 0.70 0.00	38.63 1.23 0.00	31.46 0.95 0.00	26.11 0.86 0.00	25.04 0.99 0.00	24.35 0.87 0.00	23.86 1.00 0.00	20.69 0.81 0.00	19.91 0.75 0.00	22.54 0.92 0.00	21.88 0.80 0.00	24.56 0.92 0.00	33.52 1.44 0.00	37.96 1.37 0.00	32.36 0.95 0.00	41.10 1.16 0.00	33.46 1.10 0.00	33.87 1.09 0.00
NEG NORTH___ALICE_FALLS 23915	34.76 1.84 0.00	33.07 1.82 0.00	24.49 1.26 0.00	21.44 1.11 0.00	22.80 1.46 0.00	25.73 1.56 0.00	26.38 1.14 0.00	39.36 1.96 0.00	32.12 1.61 0.00	26.60 1.35 0.00	25.70 1.65 0.00	24.91 1.43 0.00	24.45 1.58 0.00	21.21 1.33 0.00	20.42 1.26 0.00	23.11 1.49 0.00	22.41 1.34 0.00	25.22 1.59 0.00	34.45 2.36 0.00	39.07 2.49 0.00	33.21 1.80 0.00	42.10 2.16 0.00	34.11 1.76 0.00	34.43 1.66 0.00
NEG NORTH___LWR_SARANAC 23913	34.76 1.84 0.00	33.07 1.82 0.00	24.49 1.26 0.00	21.44 1.11 0.00	22.80 1.46 0.00	25.73 1.56 0.00	26.38 1.14 0.00	39.36 1.96 0.00	32.12 1.61 0.00	26.60 1.35 0.00	25.70 1.65 0.00	24.91 1.43 0.00	24.45 1.58 0.00	21.21 1.33 0.00	20.42 1.26 0.00	23.11 1.49 0.00	22.41 1.34 0.00	25.22 1.59 0.00	34.45 2.36 0.00	39.07 2.49 0.00	33.21 1.80 0.00	42.10 2.16 0.00	34.11 1.76 0.00	34.43 1.66 0.00
NEG NORTH___PLATTSBURG 23628	34.76 1.84 0.00	33.07 1.82 0.00	24.49 1.26 0.00	21.44 1.11 0.00	22.80 1.46 0.00	25.73 1.56 0.00	26.38 1.14 0.00	39.36 1.96 0.00	32.12 1.60 0.00	26.60 1.35 0.00	25.70 1.65 0.00	24.91 1.43 0.00	24.45 1.58 0.00	21.21 1.33 0.00	20.42 1.26 0.00	23.11 1.49 0.00	22.41 1.34 0.00	25.22 1.59 0.00	34.45 2.36 0.00	39.07 2.48 0.00	33.21 1.80 0.00	42.10 2.16 0.00	34.11 1.75 0.00	34.43 1.66 0.00
NEG WEST_LEA_LOCKPORT 23791	32.31 -0.61 0.00	30.75 -0.51 0.00	22.94 -0.28 0.00	19.82 -0.52 0.00	20.94 -0.40 0.00	23.40 -0.77 0.00	24.16 -1.08 0.00	35.34 -2.06 0.00	29.28 -1.24 0.00	24.08 -1.17 0.00	22.91 -1.15 0.00	22.29 -1.19 0.00	21.84 -1.03 0.00	18.96 -0.91 0.00	18.25 -0.91 0.00	20.50 -1.13 0.00	19.85 -1.23 0.00	21.98 -1.66 0.00	29.42 -2.67 0.00	34.13 -2.46 0.00	29.54 -1.87 0.00	37.58 -2.36 0.00	30.11 -2.24 0.00	30.98 -1.79 0.00
NEG WEST___LANCASTR 23811	33.41 0.49 0.00	31.74 0.48 0.00	23.61 0.38 0.00	20.45 0.11 0.00	21.54 0.20 0.00	24.12 -0.06 0.00	25.08 -0.16 0.00	36.85 -0.55 0.00	30.43 -0.09 0.00	24.98 -0.27 0.00	23.83 -0.22 0.00	23.26 -0.22 0.00	22.71 -0.16 0.00	19.73 -0.14 0.00	18.98 -0.18 0.00	21.38 -0.25 0.00	20.71 -0.37 0.00	22.98 -0.65 0.00	30.82 -1.27 0.00	35.74 -0.84 0.00	30.89 -0.52 0.00	39.33 -0.61 0.00	31.45 -0.91 0.00	32.29 -0.48 0.00
NEG_PENN_ALLEGHNY 23528	33.25 0.33 0.00	31.49 0.24 0.00	23.39 0.16 0.00	20.44 0.11 0.00	21.42 0.07 0.00	24.21 0.04 0.00	25.35 0.11 0.00	37.48 0.08 0.00	30.72 0.21 0.00	25.26 0.01 0.00	24.09 0.04 0.00	23.56 0.08 0.00	22.87 0.00 0.00	19.87 0.00 0.00	19.15 -0.01 0.00	21.66 0.03 0.00	21.05 -0.03 0.00	23.60 -0.04 0.00	31.94 -0.15 0.00	36.75 0.17 0.00	31.65 0.24 0.00	40.30 0.35 0.00	32.31 -0.04 0.00	32.77 0.00 0.00
NEG___GEN_MONROE 24207	32.79 -0.13 0.00	31.14 -0.12 0.00	23.17 -0.06 0.00	20.10 -0.23 0.00	21.19 -0.15 0.00	23.78 -0.39 0.00	24.71 -0.53 0.00	36.35 -1.06 0.00	29.96 -0.55 0.00	24.67 -0.57 0.00	23.35 -0.70 0.00	22.68 -0.80 0.00	22.20 -0.67 0.00	19.29 -0.59 0.00	18.57 -0.59 0.00	20.90 -0.73 0.00	20.30 -0.77 0.00	22.60 -1.03 0.00	30.52 -1.57 0.00	35.34 -1.25 0.00	30.52 -0.90 0.00	38.78 -1.16 0.00	31.12 -1.23 0.00	31.81 -0.96 0.00
NEPA___ENERGY 23901	33.03 0.11 0.00	31.46 0.20 0.00	23.40 0.18 0.00	20.31 -0.03 0.00	21.31 -0.04 0.00	23.89 -0.28 0.00	25.00 -0.23 0.00	36.75 -0.65 0.00	30.34 -0.18 0.00	24.73 -0.52 0.00	23.66 -0.39 0.00	23.22 -0.26 0.00	22.58 -0.29 0.00	19.58 -0.30 0.00	18.79 -0.37 0.00	21.22 -0.41 0.00	20.52 -0.55 0.00	22.85 -0.78 0.00	30.69 -1.40 0.00	35.70 -0.88 0.00	30.92 -0.49 0.00	39.45 -0.49 0.00	31.29 -1.06 0.00	31.98 -0.80 0.00
NEVERSINK___HYD 23608	34.46 1.54 0.00	32.71 1.46 0.00	24.29 1.06 0.00	21.31 0.97 0.00	22.27 0.93 0.00	25.31 1.14 0.00	26.63 1.40 0.00	39.41 2.01 0.00	32.27 1.75 0.00	26.52 1.28 0.00	25.29 1.23 0.00	24.71 1.23 0.00	23.96 1.09 0.00	20.69 0.81 0.00	20.01 0.86 0.00	22.67 1.04 0.00	22.15 1.07 0.00	24.85 1.22 0.00	33.76 1.67 0.00	38.88 2.29 0.00	33.46 2.05 0.00	42.48 2.54 0.00	34.04 1.68 0.00	34.32 1.54 0.00

NEWKRMKL_115KV_TB1 55635	32.92 0.00 0.00	31.28 0.02 0.00	23.20 -0.02 0.00	20.36 0.02 0.00	21.34 0.00 0.00	24.20 0.03 0.00	25.35 0.12 0.00	37.66 0.25 0.00	30.77 0.26 0.00	25.39 0.15 0.00	24.20 0.15 0.00	23.62 0.14 0.00	22.97 0.10 0.00	20.00 0.12 0.00	19.29 0.13 0.00	21.76 0.14 0.00	21.24 0.17 0.00	23.92 0.29 0.00	32.42 0.33 0.00	37.11 0.53 0.00	31.87 0.45 0.00	40.45 0.50 0.00	32.58 0.23 0.00	32.86 0.09 0.00
NEWTON___FALLS_HYD 23847	33.12 0.20 0.00	31.42 0.16 0.00	23.06 -0.16 0.00	20.12 -0.22 0.00	21.21 -0.13 0.00	24.08 -0.09 0.00	24.79 -0.44 0.00	36.66 -0.75 0.00	29.84 -0.68 0.00	24.76 -0.49 0.00	23.56 -0.49 0.00	23.16 -0.32 0.00	22.62 -0.25 0.00	19.65 -0.22 0.00	18.93 -0.23 0.00	21.26 -0.37 0.00	20.62 -0.45 0.00	23.21 -0.42 0.00	32.16 0.06 0.00	36.78 0.20 0.00	31.61 0.20 0.00	40.29 0.34 0.00	32.74 0.39 0.00	33.24 0.46 0.00
NGRID_A1_DSASP 323792	31.75 -1.17 0.00	30.22 -1.03 0.00	22.50 -0.72 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.70 0.00	28.76 -1.75 0.00	23.70 -1.54 0.00	22.58 -1.47 0.00	22.01 -1.47 0.00	21.59 -1.28 0.00	18.76 -1.12 0.00	18.05 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.92 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.90 -3.05 0.00	29.58 -2.77 0.00	30.46 -2.31 0.00
NGRID_A2_DSASP 323793	31.75 -1.17 0.00	30.22 -1.03 0.00	22.50 -0.72 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.70 0.00	28.76 -1.75 0.00	23.70 -1.54 0.00	22.58 -1.47 0.00	22.01 -1.47 0.00	21.59 -1.28 0.00	18.76 -1.12 0.00	18.05 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.92 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.90 -3.05 0.00	29.58 -2.77 0.00	30.46 -2.31 0.00
NGRID_A4_DSASP 323807	31.75 -1.17 0.00	30.22 -1.03 0.00	22.50 -0.72 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.70 0.00	28.76 -1.75 0.00	23.70 -1.54 0.00	22.58 -1.47 0.00	22.01 -1.47 0.00	21.59 -1.28 0.00	18.76 -1.12 0.00	18.05 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.92 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.90 -3.05 0.00	29.58 -2.77 0.00	30.46 -2.31 0.00
NIAGARA_115E_LBMP 323715	31.77 -1.15 0.00	30.22 -1.03 0.00	22.57 -0.65 0.00	19.51 -0.83 0.00	20.61 -0.73 0.00	23.04 -1.13 0.00	23.74 -1.50 0.00	34.67 -2.73 0.00	28.72 -1.79 0.00	23.65 -1.59 0.00	22.53 -1.52 0.00	21.94 -1.54 0.00	21.50 -1.37 0.00	18.66 -1.21 0.00	17.97 -1.19 0.00	20.19 -1.44 0.00	19.54 -1.53 0.00	21.63 -2.00 0.00	28.87 -3.22 0.00	33.41 -3.17 0.00	28.92 -2.50 0.00	36.81 -3.13 0.00	29.54 -2.82 0.00	30.40 -2.38 0.00
NIAGARA_115W_LBMP 323714	31.68 -1.24 0.00	30.16 -1.10 0.00	22.46 -0.77 0.00	19.41 -0.93 0.00	20.51 -0.83 0.00	22.91 -1.26 0.00	23.67 -1.57 0.00	34.63 -2.77 0.00	28.70 -1.81 0.00	23.65 -1.60 0.00	22.54 -1.51 0.00	21.97 -1.51 0.00	21.54 -1.32 0.00	18.72 -1.15 0.00	18.01 -1.15 0.00	20.23 -1.39 0.00	19.59 -1.49 0.00	21.67 -1.96 0.00	28.91 -3.17 0.00	33.44 -3.15 0.00	28.90 -2.51 0.00	36.82 -3.13 0.00	29.52 -2.83 0.00	30.40 -2.38 0.00
NIAGARA_230_LBMP 323716	31.94 -0.98 0.00	30.39 -0.87 0.00	22.63 -0.60 0.00	19.56 -0.77 0.00	20.67 -0.67 0.00	23.10 -1.07 0.00	23.88 -1.36 0.00	34.97 -2.43 0.00	28.94 -1.58 0.00	23.84 -1.41 0.00	22.71 -1.34 0.00	22.14 -1.34 0.00	21.70 -1.17 0.00	18.86 -1.01 0.00	18.15 -1.01 0.00	20.40 -1.23 0.00	19.75 -1.33 0.00	21.86 -1.78 0.00	29.22 -2.87 0.00	33.80 -2.78 0.00	29.20 -2.22 0.00	37.18 -2.77 0.00	29.81 -2.54 0.00	30.69 -2.09 0.00
NIAGARA___115KV_198_GIBSON 55903	31.67 -1.25 0.00	30.16 -1.10 0.00	22.47 -0.76 0.00	19.41 -0.93 0.00	20.51 -0.83 0.00	22.91 -1.26 0.00	23.66 -1.57 0.00	34.63 -2.77 0.00	28.70 -1.81 0.00	23.65 -1.59 0.00	22.54 -1.52 0.00	21.96 -1.53 0.00	21.54 -1.33 0.00	18.72 -1.15 0.00	18.01 -1.15 0.00	20.23 -1.39 0.00	19.58 -1.49 0.00	21.66 -1.97 0.00	28.91 -3.17 0.00	33.44 -3.15 0.00	28.91 -2.50 0.00	36.81 -3.14 0.00	29.52 -2.84 0.00	30.40 -2.38 0.00
NIAGARA____ 23760	31.94 -0.98 0.00	30.39 -0.87 0.00	22.63 -0.60 0.00	19.56 -0.77 0.00	20.67 -0.67 0.00	23.10 -1.07 0.00	23.88 -1.36 0.00	34.97 -2.43 0.00	28.94 -1.58 0.00	23.84 -1.41 0.00	22.71 -1.34 0.00	22.14 -1.34 0.00	21.70 -1.17 0.00	18.86 -1.01 0.00	18.15 -1.01 0.00	20.40 -1.23 0.00	19.75 -1.33 0.00	21.86 -1.78 0.00	29.22 -2.87 0.00	33.80 -2.78 0.00	29.20 -2.22 0.00	37.18 -2.77 0.00	29.81 -2.54 0.00	30.69 -2.09 0.00
NINE_MILE_1 23575	31.84 -1.08 0.00	30.20 -1.05 0.00	22.43 -0.80 0.00	19.63 -0.71 0.00	20.60 -0.75 0.00	23.27 -0.90 0.00	24.31 -0.93 0.00	35.97 -1.44 0.00	29.42 -1.10 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.71 -0.92 0.00	30.80 -1.29 0.00	35.27 -1.32 0.00	30.33 -1.08 0.00	38.56 -1.39 0.00	31.09 -1.26 0.00	31.52 -1.26 0.00
NINE_MILE_2 23744	31.84 -1.08 0.00	30.21 -1.05 0.00	22.43 -0.80 0.00	19.64 -0.70 0.00	20.60 -0.74 0.00	23.28 -0.89 0.00	24.31 -0.93 0.00	35.97 -1.43 0.00	29.42 -1.09 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.72 -0.92 0.00	30.80 -1.29 0.00	35.28 -1.31 0.00	30.34 -1.08 0.00	38.57 -1.38 0.00	31.10 -1.26 0.00	31.52 -1.25 0.00
NM_CAPITAL___DRP 24208	32.98 0.06 0.00	31.34 0.09 0.00	23.25 0.02 0.00	20.40 0.06 0.00	21.38 0.04 0.00	24.25 0.08 0.00	25.39 0.15 0.00	37.70 0.29 0.00	30.80 0.29 0.00	25.41 0.16 0.00	24.22 0.17 0.00	23.63 0.15 0.00	22.99 0.12 0.00	20.00 0.13 0.00	19.30 0.14 0.00	21.78 0.16 0.00	21.25 0.17 0.00	23.93 0.30 0.00	32.43 0.34 0.00	37.13 0.55 0.00	31.88 0.47 0.00	40.47 0.53 0.00	32.61 0.25 0.00	32.90 0.12 0.00
NM_CENTRAL___DRP 24181	32.45 -0.47 0.00	30.76 -0.49 0.00	22.84 -0.39 0.00	19.98 -0.36 0.00	20.96 -0.38 0.00	23.68 -0.48 0.00	24.75 -0.48 0.00	36.61 -0.79 0.00	29.96 -0.55 0.00	24.73 -0.52 0.00	23.50 -0.55 0.00	22.94 -0.54 0.00	22.32 -0.55 0.00	19.42 -0.45 0.00	18.74 -0.42 0.00	21.14 -0.49 0.00	20.63 -0.44 0.00	23.14 -0.49 0.00	31.36 -0.73 0.00	35.97 -0.61 0.00	30.96 -0.45 0.00	39.33 -0.61 0.00	31.65 -0.71 0.00	32.07 -0.70 0.00
NM_FRONTIER___DRP 24179	31.67 -1.25 0.00	30.16 -1.10 0.00	22.47 -0.76 0.00	19.41 -0.93 0.00	20.51 -0.83 0.00	22.91 -1.26 0.00	23.66 -1.57 0.00	34.63 -2.77 0.00	28.70 -1.81 0.00	23.65 -1.59 0.00	22.54 -1.52 0.00	21.96 -1.53 0.00	21.54 -1.33 0.00	18.72 -1.15 0.00	18.01 -1.15 0.00	20.23 -1.39 0.00	19.58 -1.49 0.00	21.66 -1.97 0.00	28.91 -3.17 0.00	33.44 -3.15 0.00	28.91 -2.50 0.00	36.81 -3.14 0.00	29.52 -2.84 0.00	30.40 -2.38 0.00

NM_ST_REGIS___HYD 24053	33.44 0.52 0.00	31.77 0.51 0.00	23.56 0.33 0.00	20.56 0.22 0.00	21.72 0.38 0.00	24.65 0.48 0.00	25.30 0.06 0.00	37.47 0.07 0.00	30.41 -0.10 0.00	25.29 0.05 0.00	24.14 0.09 0.00	23.65 0.17 0.00	23.21 0.34 0.00	20.15 0.28 0.00	19.38 0.23 0.00	21.88 0.25 0.00	21.18 0.11 0.00	23.68 0.05 0.00	32.46 0.37 0.00	36.77 0.18 0.00	31.44 0.02 0.00	40.13 0.19 0.00	32.87 0.51 0.00	33.48 0.71 0.00
NORTHPORT___1 23551	34.70 1.78 0.00	33.11 1.85 0.00	25.30 1.48 -0.59	21.72 1.38 0.00	22.62 1.28 0.00	43.66 1.61 -17.88	51.66 1.92 -24.51	39.76 2.35 0.00	32.69 2.18 0.00	26.82 1.57 0.00	42.19 1.72 -16.42	26.67 1.71 -1.47	25.53 1.68 -0.99	21.63 1.32 -0.44	20.25 1.09 0.00	22.91 1.29 0.00	22.50 1.43 0.00	25.00 1.37 0.00	33.78 1.70 0.00	38.87 2.28 0.00	33.49 2.08 0.00	42.59 2.65 0.00	33.94 1.59 0.00	34.48 1.71 0.00
NORTHPORT___2 23552	34.70 1.78 0.00	33.11 1.85 0.00	25.30 1.48 -0.59	21.72 1.38 0.00	22.62 1.28 0.00	43.66 1.61 -17.88	51.66 1.92 -24.51	39.76 2.35 0.00	32.69 2.18 0.00	26.82 1.57 0.00	42.19 1.72 -16.42	26.67 1.71 -1.47	25.53 1.68 -0.99	21.63 1.32 -0.44	20.25 1.09 0.00	22.91 1.29 0.00	22.50 1.43 0.00	25.00 1.37 0.00	33.78 1.70 0.00	38.87 2.28 0.00	33.49 2.08 0.00	42.59 2.65 0.00	33.94 1.59 0.00	34.48 1.71 0.00
NORTHPORT___3 23553	34.47 1.55 0.00	32.93 1.67 0.00	25.17 1.34 -0.59	21.59 1.26 0.00	22.52 1.17 0.00	43.48 1.43 -17.88	51.44 1.69 -24.51	39.47 2.07 0.00	32.45 1.94 0.00	26.64 1.40 0.00	42.00 1.54 -16.42	26.49 1.55 -1.47	25.40 1.57 -0.97	21.54 1.24 -0.43	20.17 1.02 0.00	22.82 1.19 0.00	22.39 1.31 0.00	24.90 1.27 0.00	33.55 1.46 0.00	38.55 1.97 0.00	33.11 1.69 0.00	42.07 2.13 0.00	33.52 1.16 0.00	34.08 1.30 0.00
NORTHPORT___4 23650	34.47 1.55 0.00	32.93 1.67 0.00	25.17 1.34 -0.59	21.59 1.26 0.00	22.52 1.17 0.00	43.48 1.43 -17.88	51.44 1.69 -24.51	39.47 2.07 0.00	32.45 1.94 0.00	26.64 1.40 0.00	42.00 1.54 -16.42	26.49 1.55 -1.47	25.40 1.57 -0.97	21.54 1.24 -0.43	20.17 1.02 0.00	22.82 1.19 0.00	22.39 1.31 0.00	24.90 1.27 0.00	33.55 1.46 0.00	38.55 1.97 0.00	33.11 1.69 0.00	42.07 2.13 0.00	33.52 1.16 0.00	34.08 1.30 0.00
NORTHPORT___IC 23718	34.70 1.78 0.00	33.10 1.84 0.00	25.29 1.48 -0.59	21.72 1.38 0.00	22.62 1.28 0.00	43.66 1.61 -17.88	51.66 1.92 -24.51	39.76 2.35 0.00	32.69 2.18 0.00	26.82 1.57 0.00	42.19 1.72 -16.42	26.67 1.71 -1.47	25.53 1.68 -0.98	21.63 1.31 -0.44	20.25 1.09 0.00	22.91 1.29 0.00	22.50 1.43 0.00	25.01 1.37 0.00	33.79 1.70 0.00	38.87 2.28 0.00	33.49 2.08 0.00	42.59 2.65 0.00	33.94 1.59 0.00	34.49 1.71 0.00
NORTH___COUNTRY_ESR 323785	33.87 0.95 0.00	32.24 0.98 0.00	23.93 0.70 0.00	20.91 0.58 0.00	22.15 0.81 0.00	25.09 0.91 0.00	25.85 0.61 0.00	38.49 1.09 0.00	31.33 0.82 0.00	26.03 0.78 0.00	24.96 0.91 0.00	24.27 0.79 0.00	23.79 0.93 0.00	20.63 0.76 0.00	19.85 0.70 0.00	22.49 0.86 0.00	21.82 0.75 0.00	24.48 0.84 0.00	33.40 1.31 0.00	37.80 1.22 0.00	32.23 0.81 0.00	40.94 1.00 0.00	33.35 1.00 0.00	33.75 0.98 0.00
NPX_GEN_1385_PROXY 323591	34.70 1.78 0.00	33.10 1.84 0.00	25.21 1.40 -0.59	21.71 1.38 0.00	22.49 1.15 0.00	43.58 1.53 -17.88	51.75 2.00 -24.51	39.61 2.20 0.00	32.57 2.06 0.00	26.67 1.43 0.00	42.14 1.67 -16.42	26.47 1.52 -1.47	25.37 1.52 -0.99	21.52 1.20 -0.44	20.18 1.03 0.00	22.81 1.18 0.00	22.45 1.38 0.00	24.96 1.33 0.00	33.71 1.62 0.00	38.72 2.14 0.00	32.92 1.91 0.40	42.37 2.43 0.00	33.78 1.42 0.00	34.35 1.58 0.00
NPX_GEN_CSC 323557	34.57 1.65 0.00	32.98 1.73 0.00	25.39 1.57 -0.59	21.82 1.48 0.00	22.76 1.42 0.00	43.93 1.88 -17.88	52.09 2.35 -24.51	39.91 2.50 0.00	32.81 2.29 0.00	26.95 1.70 0.00	42.52 2.04 -16.43	27.03 2.03 -1.52	25.84 1.91 -1.06	21.97 1.57 -0.52	20.38 1.23 0.00	23.05 1.42 0.00	22.88 1.81 0.00	25.39 1.76 0.00	34.31 2.22 0.00	39.29 2.71 0.00	33.40 2.39 0.40	43.23 3.28 0.00	34.01 1.66 0.00	34.43 1.65 0.00
NSINS_S_GLNS_FALLS 23858	33.86 0.94 0.00	32.10 0.84 0.00	23.73 0.51 0.00	20.85 0.51 0.00	21.96 0.62 0.00	24.93 0.76 0.00	26.12 0.88 0.00	38.80 1.40 0.00	31.67 1.15 0.00	26.11 0.86 0.00	24.90 0.85 0.00	24.11 0.63 0.00	23.50 0.63 0.00	20.60 0.72 0.00	19.80 0.64 0.00	22.25 0.63 0.00	21.80 0.73 0.00	24.56 0.93 0.00	33.52 1.43 0.00	38.37 1.78 0.00	32.94 1.53 0.00	41.77 1.83 0.00	33.41 1.05 0.00	33.62 0.84 0.00
NUCOR_STEEL___DRP 24197	32.94 0.02 0.00	31.24 -0.01 0.00	23.20 -0.03 0.00	20.31 -0.03 0.00	21.34 0.00 0.00	23.99 -0.18 0.00	25.14 -0.10 0.00	37.06 -0.34 0.00	30.48 -0.03 0.00	25.15 -0.10 0.00	23.88 -0.17 0.00	23.14 -0.33 0.00	22.61 -0.26 0.00	19.68 -0.20 0.00	18.95 -0.21 0.00	21.41 -0.21 0.00	20.88 -0.19 0.00	23.50 -0.14 0.00	31.77 -0.32 0.00	36.34 -0.24 0.00	31.29 -0.12 0.00	39.93 -0.01 0.00	32.09 -0.27 0.00	32.59 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	33.21 0.29 0.00	31.45 0.20 0.00	22.85 -0.38 0.00	19.93 -0.41 0.00	20.98 -0.36 0.00	23.82 -0.35 0.00	24.61 -0.63 0.00	36.42 -0.98 0.00	29.80 -0.72 0.00	24.77 -0.48 0.00	23.49 -0.56 0.00	23.10 -0.38 0.00	22.45 -0.42 0.00	19.48 -0.40 0.00	18.79 -0.37 0.00	21.07 -0.56 0.00	20.47 -0.60 0.00	23.21 -0.42 0.00	32.46 0.37 0.00	37.47 0.88 0.00	32.31 0.89 0.00	41.05 1.11 0.00	33.09 0.73 0.00	33.40 0.62 0.00
NYISO_LBMP_REFERENCE 24008	32.92 0.00 0.00	31.26 0.00 0.00	23.22 0.00 0.00	20.34 0.00 0.00	21.34 0.00 0.00	24.17 0.00 0.00	25.24 0.00 0.00	37.40 0.00 0.00	30.51 0.00 0.00	25.25 0.00 0.00	24.05 0.00 0.00	23.48 0.00 0.00	22.87 0.00 0.00	19.87 0.00 0.00	19.16 0.00 0.00	21.63 0.00 0.00	21.07 0.00 0.00	23.63 0.00 0.00	32.09 0.00 0.00	36.58 0.00 0.00	31.41 0.00 0.00	39.94 0.00 0.00	32.35 0.00 0.00	32.78 0.00 0.00
NYPA_BRENTWD____GT 24164	35.06 2.14 0.00	33.44 2.18 0.00	25.54 1.72 -0.59	21.92 1.58 0.00	22.85 1.51 0.00	43.92 1.87 -17.88	51.94 2.20 -24.51	40.20 2.80 0.00	33.06 2.54 0.00	27.11 1.86 0.00	42.47 1.98 -16.44	27.04 1.99 -1.57	25.92 1.91 -1.14	22.01 1.52 -0.61	20.42 1.27 0.00	23.15 1.52 0.00	22.77 1.70 0.00	25.34 1.71 0.00	34.27 2.18 0.00	39.47 2.89 0.00	33.99 2.58 0.00	43.24 3.30 0.00	34.40 2.05 0.00	34.88 2.10 0.00
NYPA_GOWANUS____GT5 24156	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00

NYPA_GOWANUS____GT6 24157	34.70 1.78 0.00	33.00 1.75 0.00	24.49 1.26 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.58 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.47 1.39 0.00	25.23 1.60 0.00	34.14 2.04 0.00	39.17 2.58 0.00	33.78 2.37 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00
NYPA_HARLEM__RVR__GT1 24160	34.61 1.69 0.00	32.92 1.66 0.00	24.41 1.18 0.00	21.45 1.11 0.00	22.39 1.05 0.00	25.44 1.27 0.00	26.79 1.56 0.00	39.63 2.23 0.00	32.57 2.05 0.00	26.77 1.52 0.00	25.55 1.49 0.00	24.96 1.49 0.00	24.30 1.43 0.00	21.04 1.17 0.00	20.29 1.13 0.00	22.95 1.32 0.00	22.39 1.32 0.00	25.13 1.50 0.00	34.02 1.93 0.00	39.05 2.46 0.00	33.65 2.24 0.00	42.77 2.82 0.00	34.29 1.94 0.00	34.55 1.77 0.00
NYPA_HARLEM__RVR__GT2 24161	34.61 1.69 0.00	32.92 1.66 0.00	24.41 1.18 0.00	21.45 1.11 0.00	22.39 1.05 0.00	25.44 1.27 0.00	26.79 1.56 0.00	39.63 2.23 0.00	32.57 2.05 0.00	26.77 1.52 0.00	25.55 1.49 0.00	24.96 1.49 0.00	24.30 1.43 0.00	21.04 1.17 0.00	20.29 1.13 0.00	22.95 1.32 0.00	22.39 1.32 0.00	25.13 1.50 0.00	34.02 1.93 0.00	39.05 2.46 0.00	33.65 2.24 0.00	42.77 2.82 0.00	34.29 1.94 0.00	34.55 1.77 0.00
NYPA_KENT____GT 24152	34.64 1.72 0.00	32.95 1.69 0.00	24.44 1.21 0.00	21.47 1.14 0.00	22.42 1.08 0.00	25.47 1.30 0.00	26.84 1.60 0.00	39.67 2.27 0.00	32.60 2.09 0.00	26.81 1.56 0.00	25.59 1.54 0.00	25.02 1.54 0.00	24.35 1.49 0.00	21.09 1.22 0.00	20.34 1.18 0.00	23.00 1.37 0.00	22.43 1.36 0.00	25.18 1.55 0.00	34.08 1.99 0.00	39.12 2.53 0.00	33.72 2.30 0.00	42.84 2.90 0.00	34.36 2.01 0.00	34.61 1.84 0.00
NYPA_POUCH1____GT 24155	34.75 1.83 0.00	33.07 1.82 0.00	24.56 1.33 0.00	21.58 1.24 0.00	22.52 1.18 0.00	25.59 1.42 0.00	26.96 1.72 0.00	39.77 2.37 0.00	32.73 2.22 0.00	26.87 1.63 0.00	25.67 1.62 0.00	25.09 1.61 0.00	24.42 1.55 0.00	21.13 1.25 0.00	20.38 1.22 0.00	23.05 1.43 0.00	22.48 1.41 0.00	25.26 1.63 0.00	34.15 2.06 0.00	39.12 2.54 0.00	33.78 2.37 0.00	42.92 2.98 0.00	34.46 2.10 0.00	34.75 1.97 0.00
NYPA_VERNON____GT2 24162	34.59 1.67 0.00	32.89 1.64 0.00	24.40 1.17 0.00	21.44 1.10 0.00	22.38 1.04 0.00	25.42 1.25 0.00	26.79 1.55 0.00	39.61 2.21 0.00	32.55 2.03 0.00	26.76 1.51 0.00	25.55 1.50 0.00	24.98 1.51 0.00	24.31 1.44 0.00	21.06 1.19 0.00	20.32 1.16 0.00	22.96 1.34 0.00	22.39 1.32 0.00	25.14 1.50 0.00	34.03 1.94 0.00	39.06 2.48 0.00	33.66 2.25 0.00	42.76 2.82 0.00	34.29 1.94 0.00	34.55 1.77 0.00
NYPA_VERNON____GT3 24163	34.59 1.67 0.00	32.89 1.64 0.00	24.40 1.17 0.00	21.44 1.10 0.00	22.38 1.04 0.00	25.42 1.25 0.00	26.79 1.55 0.00	39.61 2.21 0.00	32.55 2.03 0.00	26.76 1.51 0.00	25.55 1.50 0.00	24.98 1.51 0.00	24.31 1.44 0.00	21.06 1.19 0.00	20.32 1.16 0.00	22.96 1.34 0.00	22.39 1.32 0.00	25.14 1.50 0.00	34.03 1.94 0.00	39.06 2.48 0.00	33.66 2.25 0.00	42.76 2.82 0.00	34.29 1.94 0.00	34.55 1.77 0.00
NYPA__ASTORIA_CC1 323568	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.00 2.42 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.23 1.88 0.00	34.48 1.70 0.00
NYPA__ASTORIA_CC2 323569	34.53 1.61 0.00	32.83 1.58 0.00	24.36 1.13 0.00	21.40 1.06 0.00	22.34 1.00 0.00	25.37 1.20 0.00	26.74 1.50 0.00	39.54 2.14 0.00	32.49 1.97 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.94 1.46 0.00	24.26 1.39 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.92 1.30 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.00 2.42 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.23 1.88 0.00	34.48 1.70 0.00
NYPA__HOLTSVILL 23794	34.91 1.99 0.00	33.31 2.05 0.00	25.47 1.65 -0.59	21.86 1.53 0.00	22.80 1.46 0.00	43.88 1.83 -17.88	51.94 2.19 -24.51	40.09 2.68 0.00	32.96 2.45 0.00	27.04 1.79 0.00	42.44 1.96 -16.43	26.96 1.97 -1.51	25.78 1.86 -1.05	21.90 1.51 -0.51	20.38 1.23 0.00	23.09 1.46 0.00	22.76 1.69 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.36 2.77 0.00	33.91 2.49 0.00	43.16 3.22 0.00	34.28 1.93 0.00	34.75 1.97 0.00
NYPA____HELLGATE_GT1 24158	34.61 1.69 0.00	32.92 1.66 0.00	24.41 1.18 0.00	21.45 1.11 0.00	22.39 1.05 0.00	25.44 1.27 0.00	26.79 1.56 0.00	39.63 2.23 0.00	32.57 2.05 0.00	26.77 1.52 0.00	25.55 1.49 0.00	24.96 1.49 0.00	24.30 1.43 0.00	21.04 1.17 0.00	20.29 1.13 0.00	22.95 1.32 0.00	22.39 1.32 0.00	25.13 1.50 0.00	34.02 1.93 0.00	39.04 2.46 0.00	33.64 2.22 0.00	42.76 2.82 0.00	34.29 1.94 0.00	34.55 1.77 0.00
NYPA____HELLGATE_GT2 24159	34.61 1.69 0.00	32.92 1.66 0.00	24.41 1.18 0.00	21.45 1.11 0.00	22.39 1.05 0.00	25.44 1.27 0.00	26.79 1.56 0.00	39.63 2.23 0.00	32.57 2.05 0.00	26.77 1.52 0.00	25.55 1.49 0.00	24.96 1.49 0.00	24.30 1.43 0.00	21.04 1.17 0.00	20.29 1.13 0.00	22.95 1.32 0.00	22.39 1.32 0.00	25.13 1.50 0.00	34.02 1.93 0.00	39.04 2.46 0.00	33.64 2.22 0.00	42.76 2.82 0.00	34.29 1.94 0.00	34.55 1.77 0.00
NYS_BARGE__HYD 23848	32.37 -0.56 0.00	30.77 -0.48 0.00	22.95 -0.27 0.00	19.84 -0.50 0.00	20.96 -0.38 0.00	23.43 -0.74 0.00	24.18 -1.06 0.00	35.37 -2.03 0.00	29.29 -1.22 0.00	24.09 -1.15 0.00	22.92 -1.14 0.00	22.30 -1.18 0.00	21.83 -1.03 0.00	18.95 -0.92 0.00	18.25 -0.91 0.00	20.50 -1.13 0.00	19.85 -1.22 0.00	21.99 -1.65 0.00	29.44 -2.66 0.00	34.14 -2.45 0.00	29.55 -1.86 0.00	37.60 -2.34 0.00	30.14 -2.22 0.00	31.00 -1.78 0.00
OAK ORCHARD__HYD 24046	32.53 -0.39 0.00	30.88 -0.38 0.00	22.95 -0.27 0.00	19.94 -0.39 0.00	21.01 -0.33 0.00	23.60 -0.57 0.00	24.54 -0.70 0.00	36.10 -1.30 0.00	29.74 -0.77 0.00	24.51 -0.73 0.00	23.24 -0.81 0.00	22.62 -0.86 0.00	22.13 -0.74 0.00	19.23 -0.65 0.00	18.50 -0.66 0.00	20.82 -0.80 0.00	20.23 -0.84 0.00	22.55 -1.08 0.00	30.44 -1.65 0.00	35.16 -1.43 0.00	30.34 -1.08 0.00	38.57 -1.38 0.00	30.96 -1.39 0.00	31.63 -1.15 0.00
OAKDALE__35_KV_LOAD 356122	33.11 0.18 0.00	31.39 0.14 0.00	23.31 0.09 0.00	20.38 0.04 0.00	21.34 0.00 0.00	24.13 -0.04 0.00	25.26 0.03 0.00	37.35 -0.05 0.00	30.61 0.10 0.00	25.18 -0.07 0.00	24.02 -0.03 0.00	23.49 0.01 0.00	22.80 -0.07 0.00	19.82 -0.06 0.00	19.08 -0.07 0.00	21.59 -0.04 0.00	21.00 -0.07 0.00	23.55 -0.09 0.00	31.87 -0.22 0.00	36.65 0.07 0.00	31.58 0.17 0.00	40.20 0.26 0.00	32.25 -0.10 0.00	32.72 -0.06 0.00

OCC_CHEM___DRP 24175	31.74 -1.19 0.00	30.22 -1.04 0.00	22.52 -0.71 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.69 0.00	28.76 -1.75 0.00	23.70 -1.55 0.00	22.58 -1.47 0.00	22.00 -1.48 0.00	21.58 -1.29 0.00	18.76 -1.11 0.00	18.04 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.93 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.88 -3.06 0.00	29.59 -2.77 0.00	30.46 -2.31 0.00
OH_GEN_PROXY 24063	31.98 -0.94 0.00	30.42 -0.84 0.00	22.64 -0.58 0.00	19.59 -0.75 0.00	20.68 -0.66 0.00	23.12 -1.05 0.00	23.93 -1.31 0.00	35.07 -2.33 0.00	29.01 -1.50 0.00	23.89 -1.36 0.00	22.76 -1.30 0.00	22.19 -1.29 0.00	21.74 -1.12 0.00	18.90 -0.97 0.00	18.19 -0.97 0.00	20.45 -1.18 0.00	19.80 -1.27 0.00	21.93 -1.70 0.00	29.33 -2.76 0.00	33.93 -2.65 0.00	28.90 -2.11 0.40	37.32 -2.62 0.00	29.91 -2.44 0.00	30.78 -1.99 0.00
OLIN_CORP_DRP 24177	31.81 -1.10 0.00	30.26 -1.00 0.00	22.62 -0.61 0.00	19.53 -0.81 0.00	20.64 -0.70 0.00	23.07 -1.10 0.00	23.78 -1.46 0.00	34.74 -2.67 0.00	28.78 -1.73 0.00	23.70 -1.55 0.00	22.57 -1.48 0.00	21.98 -1.50 0.00	21.54 -1.33 0.00	18.71 -1.17 0.00	18.00 -1.16 0.00	20.23 -1.40 0.00	19.58 -1.49 0.00	21.67 -1.96 0.00	28.94 -3.15 0.00	33.50 -3.09 0.00	28.99 -2.42 0.00	36.89 -3.06 0.00	29.60 -2.75 0.00	30.46 -2.32 0.00
OLIN_CORP_DSASP 323712	31.75 -1.17 0.00	30.22 -1.03 0.00	22.50 -0.72 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.70 0.00	28.76 -1.75 0.00	23.70 -1.54 0.00	22.58 -1.47 0.00	22.01 -1.47 0.00	21.59 -1.28 0.00	18.76 -1.12 0.00	18.05 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.92 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.90 -3.05 0.00	29.58 -2.77 0.00	30.46 -2.31 0.00
ONEIDA_HERK_LFGE 323681	33.47 0.55 0.00	31.73 0.47 0.00	23.34 0.11 0.00	20.40 0.07 0.00	21.43 0.09 0.00	24.29 0.12 0.00	25.31 0.07 0.00	37.49 0.09 0.00	30.62 0.10 0.00	25.37 0.12 0.00	24.12 0.07 0.00	23.61 0.13 0.00	22.94 0.08 0.00	19.92 0.05 0.00	19.22 0.07 0.00	21.64 0.01 0.00	21.09 0.02 0.00	23.81 0.18 0.00	32.70 0.61 0.00	37.56 0.98 0.00	32.33 0.92 0.00	41.06 1.12 0.00	33.08 0.73 0.00	33.42 0.65 0.00
ONEIDA___115KV_TB4 55905	33.66 0.74 0.00	31.89 0.64 0.00	23.61 0.39 0.00	20.66 0.33 0.00	21.66 0.31 0.00	24.54 0.37 0.00	25.65 0.42 0.00	38.01 0.61 0.00	30.99 0.48 0.00	25.63 0.38 0.00	24.36 0.30 0.00	23.76 0.29 0.00	23.10 0.23 0.00	20.07 0.20 0.00	19.39 0.23 0.00	21.84 0.21 0.00	21.39 0.31 0.00	24.10 0.46 0.00	32.81 0.72 0.00	37.61 1.03 0.00	32.38 0.97 0.00	41.11 1.17 0.00	33.09 0.73 0.00	33.44 0.67 0.00
ONONDAGA_REF_OCCRA 23987	32.76 -0.16 0.00	31.05 -0.20 0.00	23.05 -0.17 0.00	20.17 -0.16 0.00	21.15 -0.19 0.00	23.91 -0.26 0.00	25.00 -0.24 0.00	36.99 -0.41 0.00	30.25 -0.27 0.00	24.96 -0.29 0.00	23.71 -0.34 0.00	23.14 -0.34 0.00	22.52 -0.35 0.00	19.58 -0.29 0.00	18.91 -0.25 0.00	21.32 -0.31 0.00	20.85 -0.22 0.00	23.41 -0.22 0.00	31.73 -0.36 0.00	36.39 -0.19 0.00	31.31 -0.10 0.00	39.75 -0.20 0.00	31.99 -0.36 0.00	32.39 -0.38 0.00
ONONDAGA___COGEN 23986	32.66 -0.26 0.00	30.95 -0.30 0.00	22.98 -0.24 0.00	20.11 -0.22 0.00	21.10 -0.24 0.00	23.84 -0.33 0.00	24.93 -0.31 0.00	36.86 -0.55 0.00	30.18 -0.33 0.00	24.91 -0.34 0.00	23.66 -0.39 0.00	23.08 -0.40 0.00	22.47 -0.40 0.00	19.54 -0.33 0.00	18.85 -0.31 0.00	21.27 -0.36 0.00	20.76 -0.31 0.00	23.30 -0.33 0.00	31.58 -0.51 0.00	36.19 -0.39 0.00	31.15 -0.27 0.00	39.59 -0.35 0.00	31.86 -0.49 0.00	32.29 -0.49 0.00
ONTARIO___LFGE 23819	32.92 -0.01 0.00	31.20 -0.06 0.00	23.22 -0.01 0.00	20.25 -0.09 0.00	21.24 -0.10 0.00	24.00 -0.17 0.00	25.10 -0.13 0.00	36.93 -0.48 0.00	30.47 -0.05 0.00	25.07 -0.18 0.00	23.83 -0.22 0.00	23.10 -0.38 0.00	22.37 -0.50 0.00	19.44 -0.43 0.00	18.71 -0.45 0.00	21.17 -0.45 0.00	20.60 -0.48 0.00	23.16 -0.48 0.00	31.44 -0.65 0.00	36.27 -0.32 0.00	31.39 -0.03 0.00	39.87 -0.07 0.00	31.89 -0.46 0.00	32.47 -0.30 0.00
ORANGEVILLE_WT_PWR 323706	32.31 -0.61 0.00	30.77 -0.49 0.00	22.89 -0.33 0.00	19.81 -0.52 0.00	20.90 -0.44 0.00	23.37 -0.79 0.00	24.21 -1.03 0.00	35.55 -1.86 0.00	29.40 -1.11 0.00	24.24 -1.01 0.00	23.14 -0.91 0.00	22.53 -0.95 0.00	21.88 -0.99 0.00	18.93 -0.95 0.00	18.23 -0.93 0.00	20.50 -1.13 0.00	19.84 -1.23 0.00	22.06 -1.57 0.00	29.63 -2.46 0.00	34.49 -2.09 0.00	29.88 -1.53 0.00	38.02 -1.92 0.00	30.35 -2.00 0.00	31.21 -1.56 0.00
ORANGEVILLE___ESR 323794	32.31 -0.61 0.00	30.77 -0.49 0.00	22.89 -0.33 0.00	19.81 -0.52 0.00	20.90 -0.44 0.00	23.37 -0.79 0.00	24.21 -1.03 0.00	35.55 -1.86 0.00	29.40 -1.11 0.00	24.24 -1.01 0.00	23.14 -0.91 0.00	22.53 -0.95 0.00	21.88 -0.99 0.00	18.93 -0.95 0.00	18.23 -0.93 0.00	20.50 -1.13 0.00	19.84 -1.23 0.00	22.06 -1.57 0.00	29.63 -2.46 0.00	34.49 -2.09 0.00	29.88 -1.53 0.00	38.02 -1.92 0.00	30.35 -2.00 0.00	31.21 -1.56 0.00
OSWEGATCHIE___HYD 24044	33.12 0.20 0.00	31.42 0.16 0.00	23.06 -0.16 0.00	20.12 -0.22 0.00	21.21 -0.13 0.00	24.08 -0.09 0.00	24.79 -0.44 0.00	36.66 -0.75 0.00	29.84 -0.68 0.00	24.76 -0.49 0.00	23.56 -0.50 0.00	23.16 -0.32 0.00	22.62 -0.25 0.00	19.65 -0.22 0.00	18.93 -0.23 0.00	21.26 -0.37 0.00	20.62 -0.45 0.00	23.21 -0.43 0.00	32.16 0.07 0.00	36.78 0.20 0.00	31.62 0.20 0.00	40.29 0.34 0.00	32.74 0.39 0.00	33.24 0.46 0.00
OSWEGO___5 23606	32.09 -0.83 0.00	30.43 -0.83 0.00	22.60 -0.63 0.00	19.78 -0.56 0.00	20.75 -0.59 0.00	23.44 -0.72 0.00	24.49 -0.75 0.00	36.23 -1.17 0.00	29.64 -0.88 0.00	24.48 -0.76 0.00	23.28 -0.77 0.00	22.72 -0.76 0.00	22.12 -0.75 0.00	19.25 -0.63 0.00	18.56 -0.60 0.00	20.92 -0.70 0.00	20.40 -0.67 0.00	22.88 -0.75 0.00	31.03 -1.06 0.00	35.54 -1.05 0.00	30.57 -0.84 0.00	38.86 -1.09 0.00	31.33 -1.03 0.00	31.76 -1.02 0.00
OSWEGO___6 23613	32.09 -0.83 0.00	30.43 -0.83 0.00	22.60 -0.63 0.00	19.78 -0.56 0.00	20.75 -0.59 0.00	23.44 -0.72 0.00	24.49 -0.75 0.00	36.23 -1.17 0.00	29.64 -0.88 0.00	24.48 -0.76 0.00	23.28 -0.77 0.00	22.72 -0.76 0.00	22.12 -0.75 0.00	19.25 -0.63 0.00	18.56 -0.60 0.00	20.92 -0.70 0.00	20.40 -0.67 0.00	22.88 -0.75 0.00	31.03 -1.06 0.00	35.54 -1.05 0.00	30.57 -0.84 0.00	38.86 -1.09 0.00	31.33 -1.03 0.00	31.76 -1.02 0.00
OUTOKUMPU-AB___DRP 24206	32.55 -0.37 0.00	30.98 -0.28 0.00	23.09 -0.13 0.00	19.95 -0.39 0.00	21.07 -0.27 0.00	23.56 -0.61 0.00	24.35 -0.89 0.00	35.66 -1.75 0.00	29.54 -0.97 0.00	24.30 -0.95 0.00	23.14 -0.91 0.00	22.54 -0.94 0.00	22.06 -0.81 0.00	19.15 -0.72 0.00	18.43 -0.73 0.00	20.70 -0.92 0.00	20.05 -1.02 0.00	22.21 -1.43 0.00	29.73 -2.36 0.00	34.46 -2.12 0.00	29.82 -1.60 0.00	37.95 -2.00 0.00	30.39 -1.97 0.00	31.24 -1.53 0.00

OXBOW___BTM 323836	32.17 -0.75 0.00	30.61 -0.64 0.00	22.80 -0.43 0.00	19.70 -0.64 0.00	20.81 -0.53 0.00	23.26 -0.90 0.00	24.04 -1.20 0.00	35.20 -2.20 0.00	29.16 -1.36 0.00	24.01 -1.24 0.00	22.87 -1.18 0.00	22.29 -1.19 0.00	21.83 -1.04 0.00	18.96 -0.91 0.00	18.25 -0.91 0.00	20.49 -1.13 0.00	19.84 -1.23 0.00	21.97 -1.67 0.00	29.37 -2.72 0.00	34.00 -2.59 0.00	29.40 -2.01 0.00	37.44 -2.50 0.00	30.00 -2.36 0.00	30.86 -1.92 0.00
OXBOW____ 24026	32.16 -0.77 0.00	30.61 -0.65 0.00	22.81 -0.41 0.00	19.70 -0.64 0.00	20.81 -0.53 0.00	23.26 -0.91 0.00	24.04 -1.20 0.00	35.20 -2.21 0.00	29.16 -1.36 0.00	24.01 -1.23 0.00	22.87 -1.18 0.00	22.27 -1.20 0.00	21.83 -1.04 0.00	18.97 -0.91 0.00	18.24 -0.92 0.00	20.49 -1.14 0.00	19.84 -1.23 0.00	21.97 -1.67 0.00	29.37 -2.72 0.00	34.00 -2.59 0.00	29.41 -2.01 0.00	37.43 -2.51 0.00	30.00 -2.35 0.00	30.86 -1.92 0.00
OXY_CHEM_DSASP 323612	31.74 -1.19 0.00	30.22 -1.04 0.00	22.52 -0.71 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.69 0.00	28.76 -1.75 0.00	23.70 -1.55 0.00	22.58 -1.47 0.00	22.00 -1.48 0.00	21.58 -1.29 0.00	18.76 -1.11 0.00	18.04 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.93 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.88 -3.06 0.00	29.59 -2.77 0.00	30.46 -2.31 0.00
OZONE_PARK_ESR 323760	34.89 1.97 0.00	33.17 1.91 0.00	24.59 1.36 0.00	21.59 1.26 0.00	22.55 1.21 0.00	25.60 1.43 0.00	26.98 1.75 0.00	39.92 2.52 0.00	32.78 2.27 0.00	26.98 1.73 0.00	25.74 1.69 0.00	25.17 1.69 0.00	24.50 1.63 0.00	21.22 1.35 0.00	20.47 1.31 0.00	23.13 1.51 0.00	22.57 1.50 0.00	25.34 1.70 0.00	34.32 2.23 0.00	39.45 2.86 0.00	33.97 2.55 0.00	43.14 3.19 0.00	34.59 2.24 0.00	34.84 2.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.74 -1.19 0.00	30.22 -1.04 0.00	22.52 -0.71 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.69 0.00	28.76 -1.75 0.00	23.70 -1.55 0.00	22.58 -1.47 0.00	22.00 -1.48 0.00	21.58 -1.29 0.00	18.76 -1.11 0.00	18.04 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.93 0.00	28.98 -3.11 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.88 -3.06 0.00	29.59 -2.77 0.00	30.46 -2.31 0.00
PACKARD__115KV_DUPONT_184 80571	31.74 -1.19 0.00	30.22 -1.04 0.00	22.52 -0.71 0.00	19.45 -0.89 0.00	20.55 -0.79 0.00	22.96 -1.21 0.00	23.71 -1.52 0.00	34.71 -2.69 0.00	28.76 -1.75 0.00	23.70 -1.55 0.00	22.58 -1.47 0.00	22.00 -1.48 0.00	21.58 -1.29 0.00	18.76 0.00 0.00	18.04 -1.11 0.00	20.27 -1.36 0.00	19.62 -1.45 0.00	21.71 -1.93 0.00	28.98 0.00 0.00	33.51 -3.07 0.00	28.97 -2.45 0.00	36.88 -3.06 0.00	29.59 -2.77 0.00	30.46 0.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.52 1.60 0.00	32.82 1.57 0.00	24.34 1.11 0.00	21.39 1.05 0.00	22.33 0.99 0.00	25.37 1.20 0.00	26.72 1.48 0.00	39.52 2.12 0.00	32.47 1.96 0.00	26.68 1.43 0.00	25.46 1.41 0.00	24.89 1.41 0.00	24.21 1.35 0.00	20.97 1.10 0.00	20.23 1.07 0.00	22.88 1.25 0.00	22.31 1.24 0.00	25.06 1.42 0.00	33.92 1.83 0.00	38.95 2.36 0.00	33.56 2.15 0.00	42.64 2.70 0.00	34.17 1.82 0.00	34.42 1.65 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.60 1.68 0.00	32.89 1.64 0.00	24.40 1.18 0.00	21.45 1.11 0.00	22.40 1.06 0.00	25.46 1.29 0.00	26.83 1.59 0.00	39.69 2.29 0.00	32.59 2.08 0.00	26.78 1.53 0.00	25.55 1.50 0.00	24.92 1.44 0.00	24.23 1.36 0.00	20.99 1.12 0.00	20.24 1.08 0.00	22.88 1.26 0.00	22.32 1.25 0.00	25.08 1.45 0.00	33.95 1.87 0.00	39.02 2.43 0.00	33.59 2.18 0.00	42.72 2.77 0.00	34.23 1.87 0.00	34.49 1.71 0.00
PATROON__115KV_TB1 80586	33.02 0.10 0.00	31.37 0.11 0.00	23.27 0.04 0.00	20.42 0.08 0.00	21.40 0.06 0.00	24.27 0.10 0.00	25.42 0.18 0.00	37.75 0.35 0.00	30.85 0.34 0.00	25.46 0.21 0.00	24.27 0.22 0.00	23.69 0.21 0.00	23.03 0.16 0.00	20.06 0.18 0.00	19.34 0.18 0.00	21.83 0.20 0.00	21.30 0.23 0.00	23.99 0.36 0.00	32.51 0.42 0.00	37.22 0.64 0.00	31.96 0.54 0.00	40.56 0.62 0.00	32.67 0.31 0.00	32.95 0.17 0.00
PATTRSNVILLE__SOLAR 323815	33.92 1.00 0.00	32.18 0.93 0.00	23.87 0.65 0.00	20.92 0.59 0.00	21.94 0.60 0.00	24.87 0.70 0.00	26.03 0.79 0.00	38.57 1.16 0.00	31.47 0.96 0.00	25.97 0.72 0.00	24.68 0.63 0.00	24.06 0.58 0.00	23.44 0.57 0.00	20.39 0.51 0.00	19.67 0.51 0.00	22.21 0.58 0.00	21.63 0.56 0.00	24.39 0.76 0.00	33.18 1.09 0.00	37.98 1.39 0.00	32.63 1.21 0.00	41.41 1.47 0.00	33.38 1.03 0.00	33.74 0.96 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.27 0.35 0.00	31.61 0.36 0.00	23.53 0.30 0.00	20.36 0.03 0.00	21.47 0.13 0.00	24.03 -0.14 0.00	24.95 -0.29 0.00	36.65 -0.75 0.00	30.28 -0.24 0.00	24.86 -0.39 0.00	23.70 -0.35 0.00	23.11 -0.37 0.00	22.57 -0.30 0.00	19.61 -0.26 0.00	18.86 -0.30 0.00	21.23 -0.39 0.00	20.56 -0.52 0.00	22.81 -0.82 0.00	30.61 -1.48 0.00	35.51 -1.08 0.00	30.71 -0.71 0.00	39.09 -0.85 0.00	31.26 -1.09 0.00	32.10 -0.68 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.70 1.78 0.00	32.97 1.72 0.00	24.46 1.24 0.00	21.48 1.14 0.00	22.46 1.12 0.00	25.50 1.33 0.00	26.84 1.61 0.00	39.78 2.37 0.00	32.61 2.10 0.00	26.81 1.56 0.00	25.57 1.52 0.00	25.01 1.53 0.00	24.31 1.44 0.00	21.03 1.16 0.00	20.29 1.13 0.00	22.98 1.35 0.00	22.41 1.34 0.00	25.18 1.55 0.00	34.18 2.09 0.00	39.26 2.67 0.00	33.78 2.37 0.00	42.88 2.94 0.00	34.37 2.01 0.00	34.60 1.83 0.00
PEEKSKILL____ 23653	34.29 1.37 0.00	32.61 1.36 0.00	24.20 0.98 0.00	21.25 0.92 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.55 1.32 0.00	39.29 1.89 0.00	32.21 1.70 0.00	26.49 1.24 0.00	25.29 1.24 0.00	24.73 1.25 0.00	24.06 1.19 0.00	20.84 0.97 0.00	20.09 0.93 0.00	22.73 1.11 0.00	22.17 1.10 0.00	24.90 1.26 0.00	33.73 1.65 0.00	38.76 2.17 0.00	33.35 1.94 0.00	42.35 2.41 0.00	33.97 1.62 0.00	34.24 1.46 0.00
PGE MADISON__WINDPWR 24146	35.24 2.32 0.00	33.03 1.78 0.00	24.70 1.47 0.00	21.43 1.09 0.00	22.35 1.01 0.00	25.48 1.31 0.00	26.46 1.22 0.00	39.36 1.95 0.00	32.02 1.51 0.00	26.37 1.12 0.00	24.83 0.78 0.00	24.05 0.57 0.00	23.46 0.59 0.00	20.54 0.67 0.00	19.62 0.46 0.00	22.40 0.78 0.00	22.10 1.03 0.00	25.02 1.39 0.00	33.82 1.73 0.00	39.07 2.48 0.00	33.72 2.31 0.00	42.99 3.04 0.00	34.60 2.24 0.00	35.05 2.27 0.00
PIERCEFIELD__HYD 23852	33.15 0.22 0.00	31.49 0.23 0.00	23.33 0.10 0.00	20.37 0.03 0.00	21.49 0.15 0.00	24.41 0.24 0.00	25.02 -0.21 0.00	36.98 -0.42 0.00	29.98 -0.54 0.00	24.96 -0.29 0.00	23.79 -0.26 0.00	23.36 -0.12 0.00	22.92 0.05 0.00	19.91 0.04 0.00	19.15 0.00 0.00	21.59 -0.04 0.00	20.89 -0.18 0.00	23.33 -0.31 0.00	32.00 -0.09 0.00	36.28 -0.31 0.00	31.03 -0.38 0.00	39.67 -0.27 0.00	32.55 0.19 0.00	33.22 0.45 0.00

PINELAWN_CC_1 323563	34.85 1.93 0.00	33.22 1.96 0.00	25.35 1.53 -0.59	21.74 1.41 0.00	22.68 1.34 0.00	43.70 1.65 -17.88	51.70 1.96 -24.51	39.92 2.52 0.00	32.81 2.30 0.00	26.91 1.66 0.00	42.32 1.77 -16.49	27.09 1.79 -1.82	26.13 1.71 -1.55	22.29 1.35 -1.07	20.30 1.14 0.00	22.98 1.35 0.00	22.59 1.51 0.00	25.18 1.54 0.00	34.06 1.97 0.00	39.23 2.65 0.00	33.77 2.36 0.00	42.94 3.00 0.00	34.19 1.84 0.00	34.65 1.87 0.00
PJM_GEN_HTP_PROXY 323702	34.56 1.63 0.00	32.87 1.61 0.00	24.37 1.15 0.00	21.41 1.08 0.00	22.36 1.02 0.00	25.39 1.22 0.00	26.75 1.51 0.00	40.44 2.16 -0.88	32.48 1.97 0.00	25.73 1.47 0.99	25.51 1.46 0.00	24.89 1.45 0.05	24.27 1.40 0.00	21.02 1.15 0.00	20.28 1.13 0.00	23.17 1.31 -0.24	22.36 1.28 0.00	25.09 1.46 0.00	33.99 1.90 0.00	39.05 2.47 0.00	33.62 2.21 0.00	42.69 2.75 0.00	34.27 1.91 0.00	34.52 1.75 0.00
PJM_GEN_KEystone 24065	33.30 0.38 0.00	31.66 0.40 0.00	23.53 0.31 0.00	20.57 0.24 0.00	21.54 0.20 0.00	15.47 0.15 8.84	54.18 0.29 -28.65	38.57 0.30 -0.88	36.31 0.45 -5.35	22.46 0.12 2.91	23.52 0.17 0.70	23.67 0.24 0.05	23.10 0.23 0.00	20.03 0.16 0.00	19.30 0.14 0.00	22.06 0.20 -0.24	21.21 0.14 0.00	23.73 0.09 0.00	32.00 -0.09 0.00	36.89 0.31 0.00	31.82 0.40 0.00	40.46 0.52 0.00	32.39 0.03 0.00	32.88 0.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.46 1.54 0.00	32.84 1.58 0.00	24.89 1.22 -0.44	21.48 1.14 0.00	22.41 1.07 0.00	38.87 1.32 -13.38	45.16 1.59 -18.34	40.32 2.05 -0.88	32.43 1.91 0.00	25.64 1.38 0.99	37.77 1.49 -12.23	25.76 1.50 -0.79	24.33 1.44 -0.01	20.89 1.16 0.14	20.14 0.98 0.00	23.04 1.17 -0.24	22.35 1.28 0.00	24.93 1.29 0.00	33.70 1.61 0.00	38.79 2.20 0.00	33.38 1.97 0.00	42.43 2.49 0.00	33.85 1.50 0.00	34.29 1.52 0.00
PJM_GEN_VFT_PROXY 323633	34.37 1.45 0.00	32.71 1.46 0.00	24.27 1.04 0.00	21.32 0.98 0.00	22.25 0.91 0.00	25.27 1.10 0.00	26.63 1.40 0.00	40.27 1.99 -0.88	32.35 1.83 0.00	25.60 1.34 0.99	25.37 1.32 0.00	24.77 1.34 0.05	24.15 1.28 0.00	20.91 1.04 0.00	20.18 1.02 0.00	23.06 1.19 -0.24	22.25 1.18 0.00	24.98 1.34 0.00	33.82 1.73 0.00	38.86 2.28 0.00	33.46 2.05 0.00	42.50 2.56 0.00	34.10 1.75 0.00	34.37 1.60 0.00
PLATSBURG_115KV_PMLD1 355749	34.71 1.79 0.00	33.02 1.77 0.00	24.44 1.21 0.00	21.42 1.09 0.00	22.80 1.46 0.00	25.71 1.54 0.00	26.30 1.06 0.00	39.25 1.85 0.00	32.03 1.52 0.00	26.52 1.28 0.00	25.68 1.63 0.00	24.88 1.41 0.00	24.47 1.60 0.00	21.21 1.34 0.00	20.42 1.27 0.00	23.12 1.50 0.00	22.39 1.32 0.00	25.21 1.58 0.00	34.44 2.35 0.00	39.06 2.47 0.00	33.17 1.76 0.00	42.04 2.10 0.00	34.04 1.69 0.00	34.37 1.59 0.00
PLEASANTVLY___LBMP 24000	33.96 1.04 0.00	32.28 1.03 0.00	23.96 0.73 0.00	21.04 0.71 0.00	22.00 0.65 0.00	24.98 0.81 0.00	26.26 1.02 0.00	38.89 1.49 0.00	31.87 1.35 0.00	26.21 0.96 0.00	25.02 0.97 0.00	24.46 0.98 0.00	23.79 0.92 0.00	20.62 0.75 0.00	19.89 0.73 0.00	22.50 0.87 0.00	21.93 0.86 0.00	24.65 1.02 0.00	33.41 1.33 0.00	38.37 1.79 0.00	33.02 1.61 0.00	41.92 1.98 0.00	33.63 1.28 0.00	33.88 1.11 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.30 1.38 0.00	32.62 1.36 0.00	24.20 0.98 0.00	21.25 0.92 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.54 1.31 0.00	39.29 1.89 0.00	32.21 1.70 0.00	26.49 1.25 0.00	25.29 1.24 0.00	24.74 1.26 0.00	24.06 1.19 0.00	20.84 0.97 0.00	20.10 0.94 0.00	22.73 1.10 0.00	22.17 1.10 0.00	24.90 1.27 0.00	33.75 1.66 0.00	38.77 2.19 0.00	33.37 1.96 0.00	42.37 2.43 0.00	33.98 1.62 0.00	34.23 1.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.30 1.38 0.00	32.62 1.36 0.00	24.20 0.98 0.00	21.25 0.92 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.54 1.31 0.00	39.29 1.89 0.00	32.21 1.70 0.00	26.49 1.25 0.00	25.29 1.24 0.00	24.74 1.26 0.00	24.06 1.19 0.00	20.84 0.97 0.00	20.10 0.94 0.00	22.73 1.10 0.00	22.17 1.10 0.00	24.90 1.27 0.00	33.75 1.66 0.00	38.77 2.19 0.00	33.37 1.96 0.00	42.37 2.43 0.00	33.98 1.62 0.00	34.23 1.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.71 1.79 0.00	32.95 1.69 0.00	24.45 1.23 0.00	21.46 1.13 0.00	22.44 1.10 0.00	25.49 1.32 0.00	26.82 1.58 0.00	39.75 2.35 0.00	32.57 2.06 0.00	26.77 1.53 0.00	25.54 1.48 0.00	24.96 1.48 0.00	24.23 1.36 0.00	20.95 1.08 0.00	20.25 1.09 0.00	22.95 1.33 0.00	22.39 1.32 0.00	25.16 1.53 0.00	34.20 2.12 0.00	39.29 2.71 0.00	33.82 2.41 0.00	42.90 2.96 0.00	34.38 2.03 0.00	34.62 1.84 0.00
POLETTI____ 23519	34.50 1.58 0.00	32.82 1.56 0.00	24.33 1.11 0.00	21.39 1.05 0.00	22.33 0.99 0.00	25.35 1.19 0.00	26.72 1.48 0.00	39.51 2.11 0.00	32.44 1.92 0.00	26.69 1.44 0.00	25.48 1.43 0.00	24.91 1.43 0.00	24.24 1.38 0.00	21.01 1.13 0.00	20.27 1.11 0.00	22.91 1.28 0.00	22.34 1.26 0.00	25.07 1.44 0.00	33.95 1.86 0.00	39.00 2.42 0.00	33.57 2.16 0.00	42.65 2.71 0.00	34.22 1.86 0.00	34.47 1.69 0.00
POMONA___ESR 323819	34.16 1.24 0.00	32.49 1.23 0.00	24.13 0.91 0.00	21.19 0.85 0.00	22.14 0.80 0.00	25.15 0.98 0.00	26.48 1.24 0.00	39.19 1.78 0.00	32.10 1.59 0.00	26.36 1.11 0.00	25.14 1.09 0.00	24.61 1.13 0.00	23.94 1.08 0.00	20.72 0.85 0.00	19.98 0.83 0.00	22.61 0.99 0.00	22.05 0.98 0.00	24.78 1.15 0.00	33.57 1.48 0.00	38.58 1.99 0.00	33.22 1.80 0.00	42.17 2.23 0.00	33.82 1.46 0.00	34.09 1.31 0.00
PORT_JEFF_3 23555	34.96 2.04 0.00	33.36 2.10 0.00	25.51 1.69 -0.59	21.90 1.56 0.00	22.83 1.49 0.00	43.92 1.87 -17.88	51.97 2.22 -24.51	40.15 2.75 0.00	33.02 2.50 0.00	27.08 1.83 0.00	42.48 2.01 -16.43	27.01 2.02 -1.52	25.82 1.90 -1.06	21.93 1.54 -0.52	20.41 1.25 0.00	23.13 1.50 0.00	22.80 1.72 0.00	25.34 1.70 0.00	34.26 2.17 0.00	39.41 2.82 0.00	33.97 2.56 0.00	43.24 3.30 0.00	34.33 1.98 0.00	34.79 2.02 0.00
PORT_JEFF_4 23616	34.96 2.04 0.00	33.36 2.10 0.00	25.51 1.69 -0.59	21.90 1.56 0.00	22.83 1.49 0.00	43.92 1.87 -17.88	51.97 2.22 -24.51	40.15 2.75 0.00	33.02 2.50 0.00	27.08 1.83 0.00	42.48 2.01 -16.43	27.01 2.02 -1.52	25.82 1.90 -1.06	21.93 1.54 -0.52	20.41 1.25 0.00	23.13 1.50 0.00	22.80 1.72 0.00	25.34 1.70 0.00	34.26 2.17 0.00	39.41 2.82 0.00	33.97 2.56 0.00	43.24 3.30 0.00	34.33 1.98 0.00	34.79 2.02 0.00
PORT_JEFF_IC 23713	34.95 2.03 0.00	33.33 2.08 0.00	25.50 1.68 -0.59	21.90 1.56 0.00	22.84 1.50 0.00	43.92 1.88 -17.88	51.99 2.24 -24.51	40.15 2.75 0.00	33.02 2.51 0.00	27.08 1.84 0.00	42.50 2.02 -16.43	27.05 2.04 -1.53	25.86 1.92 -1.07	21.97 1.56 -0.54	20.41 1.25 0.00	23.13 1.51 0.00	22.81 1.74 0.00	25.31 1.68 0.00	34.22 2.13 0.00	39.37 2.78 0.00	33.99 2.57 0.00	43.28 3.33 0.00	34.33 1.97 0.00	34.79 2.01 0.00

PPL PILGRIM_ST_GT1 24216	35.06 2.14 0.00	33.44 2.18 0.00	25.54 1.72 -0.59	21.92 1.58 0.00	22.85 1.51 0.00	43.92 1.87 -17.88	51.94 2.20 -24.51	40.20 2.80 0.00	33.06 2.54 0.00	27.11 1.86 0.00	42.47 1.98 -16.44	27.04 1.99 -1.57	25.92 1.91 -1.14	22.01 1.52 -0.61	20.42 1.27 0.00	23.15 1.52 0.00	22.77 1.70 0.00	25.34 1.71 0.00	34.27 2.18 0.00	39.47 2.89 0.00	33.99 2.58 0.00	43.24 3.30 0.00	34.40 2.05 0.00	34.88 2.10 0.00
PPL PILGRIM_ST_GT2 24217	35.06 2.14 0.00	33.44 2.18 0.00	25.54 1.72 -0.59	21.92 1.58 0.00	22.85 1.51 0.00	43.92 1.87 -17.88	51.94 2.20 -24.51	40.20 2.80 0.00	33.06 2.54 0.00	27.11 1.86 0.00	42.47 1.98 -16.44	27.04 1.99 -1.57	25.92 1.91 -1.14	22.01 1.52 -0.61	20.42 1.27 0.00	23.15 1.52 0.00	22.77 1.70 0.00	25.34 1.71 0.00	34.27 2.18 0.00	39.47 2.89 0.00	33.99 2.58 0.00	43.24 3.30 0.00	34.40 2.05 0.00	34.88 2.10 0.00
PPL_SHRM_GT3 24213	34.64 1.72 0.00	33.05 1.79 0.00	25.42 1.60 -0.59	21.84 1.51 0.00	22.78 1.44 0.00	43.96 1.90 -17.88	52.11 2.37 -24.51	39.98 2.58 0.00	32.86 2.35 0.00	26.98 1.73 0.00	42.54 2.06 -16.43	27.06 2.05 -1.52	25.85 1.92 -1.06	21.99 1.59 -0.53	20.40 1.24 0.00	23.07 1.44 0.00	22.90 1.82 0.00	25.43 1.79 0.00	34.36 2.27 0.00	39.37 2.79 0.00	33.87 2.45 0.00	43.28 3.33 0.00	34.08 1.73 0.00	34.51 1.73 0.00
PPL_SHRM_GT4 24214	34.64 1.72 0.00	33.05 1.79 0.00	25.42 1.60 -0.59	21.84 1.51 0.00	22.78 1.44 0.00	43.96 1.90 -17.88	52.11 2.37 -24.51	39.98 2.58 0.00	32.86 2.35 0.00	26.98 1.73 0.00	42.54 2.06 -16.43	27.06 2.05 -1.52	25.85 1.92 -1.06	21.99 1.59 -0.53	20.40 1.24 0.00	23.07 1.44 0.00	22.90 1.82 0.00	25.43 1.79 0.00	34.36 2.27 0.00	39.37 2.79 0.00	33.87 2.45 0.00	43.28 3.33 0.00	34.08 1.73 0.00	34.51 1.73 0.00
PROJECT___ORANGE 1 24174	32.48 -0.44 0.00	30.78 -0.47 0.00	22.86 -0.37 0.00	20.00 -0.34 0.00	20.98 -0.36 0.00	23.70 -0.47 0.00	24.77 -0.46 0.00	36.64 -0.76 0.00	29.98 -0.53 0.00	24.74 -0.50 0.00	23.51 -0.54 0.00	22.96 -0.52 0.00	22.34 -0.53 0.00	19.44 -0.44 0.00	18.76 -0.40 0.00	21.16 -0.46 0.00	20.65 -0.42 0.00	23.17 -0.47 0.00	31.39 -0.70 0.00	36.01 -0.58 0.00	30.99 -0.42 0.00	39.34 -0.60 0.00	31.67 -0.69 0.00	32.08 -0.69 0.00
PROJECT___ORANGE 2 24166	32.48 -0.44 0.00	30.78 -0.47 0.00	22.86 -0.37 0.00	20.00 -0.34 0.00	20.98 -0.36 0.00	23.70 -0.47 0.00	24.77 -0.46 0.00	36.64 -0.76 0.00	29.98 -0.53 0.00	24.74 -0.50 0.00	23.51 -0.54 0.00	22.96 -0.52 0.00	22.34 -0.53 0.00	19.44 -0.44 0.00	18.76 -0.40 0.00	21.16 -0.46 0.00	20.65 -0.42 0.00	23.17 -0.47 0.00	31.39 -0.70 0.00	36.01 -0.58 0.00	30.99 -0.42 0.00	39.34 -0.60 0.00	31.67 -0.69 0.00	32.08 -0.69 0.00
PUCKETT___SOLAR 323809	33.62 0.70 0.00	31.71 0.45 0.00	23.64 0.42 0.00	20.59 0.26 0.00	21.58 0.24 0.00	24.48 0.31 0.00	25.50 0.26 0.00	37.74 0.34 0.00	30.85 0.34 0.00	25.38 0.13 0.00	24.13 0.08 0.00	23.54 0.06 0.00	22.85 -0.02 0.00	19.89 0.01 0.00	19.17 0.01 0.00	21.70 0.08 0.00	21.21 0.13 0.00	23.83 0.20 0.00	32.26 0.17 0.00	37.14 0.55 0.00	31.94 0.53 0.00	40.73 0.79 0.00	32.77 0.41 0.00	33.23 0.45 0.00
PYRITES___HYD 24023	33.74 0.82 0.00	32.05 0.79 0.00	23.78 0.55 0.00	20.75 0.41 0.00	21.90 0.55 0.00	24.88 0.71 0.00	25.62 0.38 0.00	37.91 0.51 0.00	30.64 0.13 0.00	25.43 0.18 0.00	24.18 0.13 0.00	23.73 0.25 0.00	23.26 0.40 0.00	20.24 0.37 0.00	19.44 0.29 0.00	21.91 0.28 0.00	21.17 0.10 0.00	23.73 0.10 0.00	32.65 0.56 0.00	37.05 0.46 0.00	31.69 0.28 0.00	40.45 0.51 0.00	33.15 0.79 0.00	33.79 1.02 0.00
QUAKERRD_115KV_BK1 80622	31.70 -1.22 0.00	30.09 -1.16 0.00	22.38 -0.85 0.00	19.48 -0.86 0.00	20.50 -0.84 0.00	23.06 -1.11 0.00	24.01 -1.22 0.00	35.39 -2.02 0.00	29.08 -1.44 0.00	23.98 -1.26 0.00	22.75 -1.30 0.00	22.14 -1.34 0.00	21.63 -1.24 0.00	18.84 -1.04 0.00	18.15 -1.01 0.00	20.44 -1.19 0.00	19.88 -1.20 0.00	22.21 -1.42 0.00	30.05 -2.04 0.00	34.60 -1.99 0.00	29.82 -1.59 0.00	37.89 -2.05 0.00	30.45 -1.91 0.00	31.03 -1.75 0.00
QUENSRY_115KV_TB8 356137	33.92 1.00 0.00	32.13 0.88 0.00	23.75 0.53 0.00	20.86 0.52 0.00	22.00 0.65 0.00	24.97 0.80 0.00	26.17 0.93 0.00	38.88 1.48 0.00	31.72 1.21 0.00	26.16 0.92 0.00	24.94 0.89 0.00	24.15 0.67 0.00	23.53 0.66 0.00	20.65 0.77 0.00	19.84 0.68 0.00	22.28 0.65 0.00	21.83 0.76 0.00	24.60 0.96 0.00	33.60 1.51 0.00	38.45 1.87 0.00	33.01 1.59 0.00	41.86 1.92 0.00	33.45 1.09 0.00	33.64 0.86 0.00
RAMAPO___LBMP 323565	34.02 1.10 0.00	32.36 1.11 0.00	24.04 0.81 0.00	21.11 0.77 0.00	22.06 0.72 0.00	25.05 0.88 0.00	26.37 1.13 0.00	39.04 1.63 0.00	31.98 1.46 0.00	26.24 1.00 0.00	25.03 0.98 0.00	24.51 1.04 0.00	23.84 0.98 0.00	20.62 0.75 0.00	19.90 0.74 0.00	22.52 0.89 0.00	21.95 0.88 0.00	24.67 1.03 0.00	33.43 1.34 0.00	38.41 1.82 0.00	33.07 1.65 0.00	41.98 2.04 0.00	33.69 1.33 0.00	33.96 1.18 0.00
RANKINE____ 23646	32.83 -0.09 0.00	31.23 -0.03 0.00	23.25 0.03 0.00	20.10 -0.23 0.00	21.21 -0.13 0.00	23.73 -0.44 0.00	24.60 -0.64 0.00	36.10 -1.30 0.00	29.88 -0.64 0.00	24.55 -0.70 0.00	23.41 -0.64 0.00	22.81 -0.66 0.00	22.28 -0.58 0.00	19.34 -0.54 0.00	18.60 -0.56 0.00	20.92 -0.71 0.00	20.24 -0.83 0.00	22.47 -1.16 0.00	30.12 -1.98 0.00	34.96 -1.63 0.00	30.24 -1.17 0.00	38.50 -1.44 0.00	30.77 -1.58 0.00	31.61 -1.17 0.00
RAVENSWOOD_GT2_1 24244	34.54 1.62 0.00	32.85 1.60 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.38 1.21 0.00	26.74 1.50 0.00	39.55 2.15 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.50 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.11 0.00	22.92 1.29 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.98 1.89 0.00	39.04 2.45 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.24 1.88 0.00	34.49 1.72 0.00
RAVENSWOOD_GT2_2 24245	34.54 1.62 0.00	32.85 1.60 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.38 1.21 0.00	26.74 1.50 0.00	39.55 2.15 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.50 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.11 0.00	22.92 1.29 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.98 1.89 0.00	39.04 2.45 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.24 1.88 0.00	34.49 1.72 0.00
RAVENSWOOD_GT2_3 24246	34.56 1.64 0.00	32.86 1.60 0.00	24.36 1.14 0.00	21.41 1.08 0.00	22.36 1.01 0.00	25.39 1.22 0.00	26.75 1.51 0.00	39.57 2.17 0.00	32.48 1.97 0.00	26.72 1.47 0.00	25.51 1.46 0.00	24.94 1.46 0.00	24.27 1.40 0.00	21.03 1.15 0.00	20.28 1.12 0.00	22.93 1.31 0.00	22.36 1.29 0.00	25.10 1.47 0.00	33.99 1.91 0.00	39.05 2.46 0.00	33.62 2.21 0.00	42.70 2.75 0.00	34.25 1.90 0.00	34.50 1.73 0.00

RAVENSWOOD_GT2_4 24247	34.56 1.64 0.00	32.86 1.60 0.00	24.36 1.14 0.00	21.41 1.08 0.00	22.36 1.01 0.00	25.39 1.22 0.00	26.75 1.51 0.00	39.57 2.17 0.00	32.48 1.97 0.00	26.72 1.47 0.00	25.51 1.46 0.00	24.94 1.46 0.00	24.27 1.40 0.00	21.03 1.15 0.00	20.28 1.12 0.00	22.93 1.31 0.00	22.36 1.29 0.00	25.10 1.47 0.00	33.99 1.91 0.00	39.05 2.46 0.00	33.62 2.21 0.00	42.70 2.75 0.00	34.25 1.90 0.00	34.50 1.73 0.00
RAVENSWOOD_GT3_1 24248	34.54 1.62 0.00	32.85 1.59 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.38 1.21 0.00	26.74 1.50 0.00	39.55 2.15 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.50 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.11 0.00	22.92 1.29 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.98 1.89 0.00	39.04 2.45 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.24 1.88 0.00	34.49 1.72 0.00
RAVENSWOOD_GT3_2 24249	34.54 1.62 0.00	32.85 1.59 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.38 1.21 0.00	26.74 1.50 0.00	39.55 2.15 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.50 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.11 0.00	22.92 1.29 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.98 1.89 0.00	39.04 2.45 0.00	33.60 2.19 0.00	42.68 2.74 0.00	34.24 1.88 0.00	34.49 1.72 0.00
RAVENSWOOD_GT3_3 24250	34.59 1.67 0.00	32.89 1.64 0.00	24.38 1.16 0.00	21.43 1.10 0.00	22.38 1.04 0.00	25.41 1.24 0.00	26.77 1.54 0.00	39.61 2.20 0.00	32.51 2.00 0.00	26.75 1.50 0.00	25.53 1.48 0.00	24.97 1.49 0.00	24.29 1.42 0.00	21.05 1.17 0.00	20.30 1.15 0.00	22.95 1.33 0.00	22.39 1.31 0.00	25.13 1.49 0.00	34.03 1.94 0.00	39.09 2.50 0.00	33.65 2.24 0.00	42.74 2.79 0.00	34.29 1.93 0.00	34.54 1.76 0.00
RAVENSWOOD_GT3_4 24251	34.59 1.67 0.00	32.89 1.64 0.00	24.38 1.16 0.00	21.43 1.10 0.00	22.38 1.04 0.00	25.41 1.24 0.00	26.77 1.54 0.00	39.61 2.20 0.00	32.51 2.00 0.00	26.75 1.50 0.00	25.53 1.48 0.00	24.97 1.49 0.00	24.29 1.42 0.00	21.05 1.17 0.00	20.30 1.15 0.00	22.95 1.33 0.00	22.39 1.31 0.00	25.13 1.49 0.00	34.03 1.94 0.00	39.09 2.50 0.00	33.65 2.24 0.00	42.74 2.79 0.00	34.29 1.93 0.00	34.54 1.76 0.00
RAVENSWOOD_GT_1 23729	34.59 1.67 0.00	32.90 1.64 0.00	24.40 1.17 0.00	21.44 1.10 0.00	22.38 1.04 0.00	25.42 1.25 0.00	26.79 1.55 0.00	39.61 2.21 0.00	32.55 2.03 0.00	26.76 1.51 0.00	25.55 1.50 0.00	24.99 1.51 0.00	24.31 1.44 0.00	21.06 1.19 0.00	20.32 1.16 0.00	22.96 1.34 0.00	22.39 1.32 0.00	25.14 1.51 0.00	34.03 1.94 0.00	39.06 2.48 0.00	33.66 2.24 0.00	42.76 2.82 0.00	34.30 1.94 0.00	34.55 1.77 0.00
RAVENSWOOD_GT_10 24258	34.54 1.62 0.00	32.85 1.59 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.38 1.21 0.00	26.74 1.50 0.00	39.55 2.15 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.50 1.44 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.11 0.00	22.92 1.29 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.98 1.89 0.00	39.04 2.45 0.00	33.60 2.19 0.00	42.69 2.75 0.00	34.24 1.88 0.00	34.49 1.72 0.00
RAVENSWOOD_GT_11 24259	34.54 1.62 0.00	32.85 1.59 0.00	24.36 1.13 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.38 1.21 0.00	26.74 1.50 0.00	39.55 2.15 0.00	32.47 1.96 0.00	26.71 1.														

RAVENSWOOD___2 23534	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.39 1.22 0.00	26.74 1.51 0.00	39.54 2.14 0.00	32.49 1.98 0.00	26.71 1.47 0.00	25.51 1.46 0.00	24.94 1.46 0.00	24.26 1.40 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.93 1.30 0.00	22.36 1.28 0.00	25.10 1.47 0.00	33.98 1.89 0.00	39.02 2.44 0.00	33.62 2.20 0.00	42.69 2.75 0.00	34.24 1.89 0.00	34.49 1.72 0.00
RAVENSWOOD___3 23535	34.54 1.62 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.38 1.21 0.00	26.74 1.50 0.00	39.55 2.15 0.00	32.47 1.96 0.00	26.71 1.46 0.00	25.50 1.45 0.00	24.93 1.45 0.00	24.26 1.39 0.00	21.01 1.14 0.00	20.27 1.12 0.00	22.92 1.29 0.00	22.35 1.28 0.00	25.09 1.46 0.00	33.97 1.88 0.00	39.04 2.45 0.00	33.60 2.19 0.00	42.69 2.74 0.00	34.24 1.88 0.00	34.49 1.72 0.00
RAVENSWOOD___4 23820	34.53 1.61 0.00	32.84 1.59 0.00	24.36 1.14 0.00	21.41 1.07 0.00	22.35 1.01 0.00	25.39 1.22 0.00	26.74 1.51 0.00	39.54 2.14 0.00	32.49 1.98 0.00	26.71 1.47 0.00	25.51 1.46 0.00	24.94 1.46 0.00	24.26 1.40 0.00	21.02 1.15 0.00	20.28 1.12 0.00	22.93 1.30 0.00	22.36 1.28 0.00	25.10 1.47 0.00	33.98 1.89 0.00	39.02 2.44 0.00	33.62 2.20 0.00	42.69 2.75 0.00	34.24 1.89 0.00	34.49 1.72 0.00
RCPI_TRUST___DRP 24196	34.59 1.67 0.00	32.90 1.64 0.00	24.38 1.16 0.00	21.43 1.10 0.00	22.38 1.04 0.00	25.41 1.24 0.00	26.77 1.53 0.00	39.60 2.20 0.00	32.51 2.00 0.00	26.75 1.50 0.00	25.54 1.49 0.00	24.96 1.48 0.00	24.29 1.42 0.00	21.04 1.17 0.00	20.30 1.15 0.00	22.95 1.33 0.00	22.38 1.31 0.00	25.12 1.49 0.00	34.02 1.93 0.00	39.09 2.50 0.00	33.65 2.24 0.00	42.74 2.80 0.00	34.30 1.94 0.00	34.55 1.77 0.00
RED___ROCHESTER 323720	32.68 -0.24 0.00	31.01 -0.24 0.00	23.05 -0.18 0.00	20.02 -0.31 0.00	21.09 -0.25 0.00	23.69 -0.48 0.00	24.64 -0.59 0.00	36.28 -1.12 0.00	29.89 -0.62 0.00	24.64 -0.61 0.00	23.35 -0.70 0.00	22.73 -0.75 0.00	22.23 -0.63 0.00	19.32 -0.56 0.00	18.59 -0.56 0.00	20.92 -0.70 0.00	20.32 -0.75 0.00	22.67 -0.97 0.00	30.61 -1.48 0.00	35.36 -1.22 0.00	30.52 -0.90 0.00	38.79 -1.16 0.00	31.14 -1.22 0.00	31.79 -0.98 0.00
REGAN___SOLAR 323812	36.29 3.37 0.00	34.30 3.04 0.00	25.43 2.21 0.00	22.23 1.89 0.00	23.32 1.98 0.00	26.42 2.25 0.00	27.69 2.46 0.00	41.00 3.60 0.00	33.41 2.90 0.00	27.59 2.35 0.00	25.88 1.83 0.00	25.23 1.75 0.00	24.56 1.70 0.00	21.31 1.43 0.00	20.76 1.60 0.00	23.40 1.78 0.00	22.73 1.66 0.00	25.94 2.31 0.00	35.43 3.34 0.00	40.71 4.13 0.00	34.94 3.52 0.00	44.27 4.33 0.00	35.68 3.32 0.00	36.05 3.27 0.00
RENSSELAER___COGEN 23796	32.87 -0.05 0.00	31.24 -0.02 0.00	23.16 -0.06 0.00	20.33 0.00 0.00	21.31 -0.03 0.00	24.17 0.00 0.00	25.31 0.08 0.00	37.59 0.18 0.00	30.72 0.20 0.00	25.34 0.09 0.00	24.15 0.10 0.00	23.57 0.09 0.00	22.92 0.05 0.00	19.94 0.06 0.00	19.24 0.08 0.00	21.71 0.09 0.00	21.18 0.11 0.00	23.86 0.22 0.00	32.34 0.25 0.00	37.02 0.44 0.00	31.79 0.37 0.00	40.36 0.41 0.00	32.52 0.16 0.00	32.81 0.03 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.32 2.40 0.00	33.27 2.02 0.00	24.48 1.26 0.00	21.56 1.22 0.00	22.95 1.61 0.00	26.10 1.93 0.00	27.42 2.18 0.00	40.80 3.39 0.00	33.12 2.61 0.00	27.42 2.18 0.00	26.12 2.06 0.00	24.98 1.50 0.00	24.41 1.54 0.00	21.67 1.80 0.00	20.76 1.60 0.00	23.18 1.56 0.00	22.69 1.62 0.00	25.65 2.02 0.00	35.34 3.25 0.00	40.46 3.87 0.00	34.80 3.39 0.00	44.01 4.07 0.00	34.75 2.39 0.00	34.82 2.05 0.00
REVERE_CPPR_DRP 24186	33.98 1.06 0.00	32.18 0.93 0.00	23.76 0.54 0.00	20.78 0.44 0.00	21.80 0.45 0.00	24.71 0.54 0.00	25.80 0.57 0.00	38.23 0.83 0.00	31.19 0.67 0.00	25.81 0.56 0.00	24.54 0.49 0.00	23.96 0.48 0.00	23.26 0.40 0.00	20.20 0.33 0.00	19.52 0.36 0.00	21.98 0.36 0.00	21.49 0.42 0.00	24.28 0.64 0.00	33.15 1.06 0.00	38.04 1.46 0.00	32.75 1.34 0.00	41.56 1.62 0.00	33.43 1.08 0.00	33.78 1.00 0.00
REYNOLDS_115KV_TB3 80639	33.06 0.13 0.00	31.43 0.17 0.00	23.30 0.07 0.00	20.46 0.12 0.00	21.45 0.10 0.00	24.31 0.14 0.00	25.45 0.21 0.00	37.77 0.37 0.00	30.85 0.34 0.00	25.44 0.20 0.00	24.26 0.21 0.00	23.66 0.18 0.00	23.03 0.16 0.00	20.03 0.16 0.00	19.33 0.17 0.00	21.82 0.19 0.00	21.28 0.21 0.00	23.96 0.33 0.00	32.49 0.40 0.00	37.18 0.60 0.00	31.92 0.51 0.00	40.53 0.58 0.00	32.67 0.31 0.00	32.95 0.17 0.00
RIVERBAY____ 323610	34.60 1.68 0.00	32.89 1.64 0.00	24.40 1.18 0.00	21.45 1.11 0.00	22.40 1.06 0.00	25.46 1.29 0.00	26.83 1.59 0.00	39.69 2.29 0.00	32.59 2.08 0.00	26.78 1.53 0.00	25.55 1.50 0.00	24.92 1.44 0.00	24.23 1.36 0.00	20.99 1.12 0.00	20.24 1.08 0.00	22.88 1.26 0.00	22.32 1.25 0.00	25.08 1.45 0.00	33.95 1.87 0.00	39.02 2.43 0.00	33.59 2.18 0.00	42.72 2.77 0.00	34.23 1.87 0.00	34.49 1.71 0.00
RIVERSDE_115KV_TB3 55908	32.98 0.06 0.00	31.34 0.09 0.00	23.25 0.02 0.00	20.40 0.06 0.00	21.38 0.04 0.00	24.25 0.08 0.00	25.39 0.15 0.00	37.70 0.29 0.00	30.80 0.29 0.00	25.41 0.16 0.00	24.22 0.17 0.00	23.63 0.15 0.00	22.99 0.12 0.00	20.00 0.13 0.00	19.30 0.14 0.00	21.78 0.16 0.00	21.25 0.17 0.00	23.93 0.30 0.00	32.43 0.34 0.00	37.13 0.55 0.00	31.88 0.47 0.00	40.47 0.53 0.00	32.61 0.25 0.00	32.90 0.12 0.00
ROARING___BROOK_WT_PWR 323790	32.82 -0.10 0.00	31.10 -0.15 0.00	23.00 -0.23 0.00	20.08 -0.25 0.00	21.12 -0.22 0.00	23.97 -0.20 0.00	24.90 -0.34 0.00	36.91 -0.49 0.00	30.06 -0.45 0.00	25.04 -0.21 0.00	23.91 -0.14 0.00	23.38 -0.10 0.00	22.79 -0.08 0.00	19.76 -0.11 0.00	19.00 -0.16 0.00	21.46 -0.17 0.00	20.82 -0.25 0.00	23.37 -0.27 0.00	32.06 -0.03 0.00	36.55 -0.03 0.00	31.36 -0.05 0.00	39.88 -0.06 0.00	32.41 0.05 0.00	32.83 0.05 0.00
ROCHESRG_115KV_T4 355643	32.38 -0.54 0.00	30.75 -0.51 0.00	22.87 -0.36 0.00	19.86 -0.47 0.00	20.93 -0.41 0.00	23.50 -0.67 0.00	24.42 -0.81 0.00	35.96 -1.44 0.00	29.62 -0.90 0.00	24.41 -0.83 0.00	23.16 -0.89 0.00	22.54 -0.94 0.00	22.05 -0.81 0.00	19.17 -0.70 0.00	18.45 -0.71 0.00	20.77 -0.86 0.00	20.18 -0.90 0.00	22.49 -1.15 0.00	30.34 -1.75 0.00	35.02 -1.57 0.00	30.21 -1.20 0.00	38.40 -1.54 0.00	30.85 -1.51 0.00	31.52 -1.26 0.00
ROCHESTER_9_IC 23652	32.55 -0.37 0.00	30.90 -0.36 0.00	22.98 -0.24 0.00	19.96 -0.38 0.00	21.03 -0.31 0.00	23.62 -0.55 0.00	24.55 -0.69 0.00	36.14 -1.27 0.00	29.77 -0.74 0.00	24.54 -0.71 0.00	23.27 -0.78 0.00	22.64 -0.84 0.00	22.15 -0.72 0.00	19.25 -0.62 0.00	18.53 -0.63 0.00	20.85 -0.77 0.00	20.26 -0.81 0.00	22.58 -1.05 0.00	30.48 -1.61 0.00	35.20 -1.38 0.00	30.38 -1.03 0.00	38.62 -1.33 0.00	31.00 -1.36 0.00	31.66 -1.12 0.00

ROCKVIEW_13_KV_LD 356306	34.48 1.56 0.00	32.79 1.53 0.00	24.33 1.10 0.00	21.37 1.03 0.00	22.32 0.98 0.00	25.34 1.18 0.00	26.69 1.45 0.00	39.49 2.09 0.00	32.39 1.88 0.00	26.64 1.40 0.00	25.45 1.40 0.00	24.89 1.42 0.00	24.21 1.35 0.00	20.97 1.09 0.00	20.21 1.06 0.00	22.87 1.24 0.00	22.31 1.24 0.00	25.05 1.41 0.00	33.94 1.85 0.00	38.99 2.40 0.00	33.55 2.14 0.00	42.62 2.68 0.00	34.17 1.82 0.00	34.43 1.65 0.00
ROME____115KV_TB2 80656	33.98 1.06 0.00	32.18 0.93 0.00	23.76 0.54 0.00	20.78 0.44 0.00	21.80 0.45 0.00	24.71 0.54 0.00	25.80 0.57 0.00	38.23 0.83 0.00	31.19 0.67 0.00	25.81 0.56 0.00	24.54 0.49 0.00	23.96 0.48 0.00	23.26 0.40 0.00	20.20 0.33 0.00	19.52 0.36 0.00	21.98 0.36 0.00	21.49 0.42 0.00	24.28 0.64 0.00	33.15 1.06 0.00	38.04 1.46 0.00	32.75 1.34 0.00	41.56 1.62 0.00	33.43 1.08 0.00	33.78 1.00 0.00
ROSETON___1 23587	33.97 1.05 0.00	32.29 1.03 0.00	23.97 0.75 0.00	21.05 0.71 0.00	22.00 0.66 0.00	24.98 0.81 0.00	26.27 1.03 0.00	38.89 1.48 0.00	31.86 1.35 0.00	26.20 0.95 0.00	25.00 0.95 0.00	24.45 0.97 0.00	23.79 0.92 0.00	20.60 0.73 0.00	19.88 0.72 0.00	22.48 0.86 0.00	21.93 0.85 0.00	24.63 1.00 0.00	33.39 1.31 0.00	38.35 1.76 0.00	32.99 1.57 0.00	41.89 1.94 0.00	33.62 1.26 0.00	33.88 1.10 0.00
ROSETON___2 23588	33.97 1.05 0.00	32.29 1.03 0.00	23.97 0.75 0.00	21.05 0.71 0.00	22.00 0.66 0.00	24.98 0.81 0.00	26.27 1.03 0.00	38.89 1.48 0.00	31.86 1.35 0.00	26.20 0.95 0.00	25.00 0.95 0.00	24.45 0.97 0.00	23.79 0.92 0.00	20.60 0.73 0.00	19.88 0.72 0.00	22.48 0.86 0.00	21.93 0.85 0.00	24.63 1.00 0.00	33.39 1.31 0.00	38.35 1.76 0.00	32.99 1.57 0.00	41.89 1.94 0.00	33.62 1.26 0.00	33.88 1.10 0.00
ROTTDRAM_115KV_TB3 80664	33.56 0.64 0.00	31.86 0.61 0.00	23.63 0.40 0.00	20.72 0.39 0.00	21.74 0.39 0.00	24.64 0.47 0.00	25.80 0.56 0.00	38.24 0.84 0.00	31.24 0.73 0.00	25.76 0.52 0.00	24.55 0.50 0.00	23.94 0.46 0.00	23.30 0.43 0.00	20.28 0.41 0.00	19.55 0.39 0.00	22.06 0.43 0.00	21.52 0.45 0.00	24.21 0.58 0.00	32.89 0.80 0.00	37.63 1.05 0.00	32.32 0.91 0.00	41.04 1.10 0.00	33.07 0.71 0.00	33.39 0.62 0.00
RUSSELL___1 23602	32.67 -0.25 0.00	31.01 -0.24 0.00	23.06 -0.17 0.00	20.02 -0.31 0.00	21.09 -0.25 0.00	23.69 -0.48 0.00	24.64 -0.60 0.00	36.28 -1.12 0.00	29.89 -0.62 0.00	24.64 -0.61 0.00	23.35 -0.70 0.00	22.72 -0.76 0.00	22.23 -0.64 0.00	19.32 -0.56 0.00	18.59 -0.57 0.00	20.92 -0.70 0.00	20.32 -0.75 0.00	22.66 -0.98 0.00	30.61 -1.48 0.00	35.36 -1.22 0.00	30.52 -0.89 0.00	38.78 -1.16 0.00	31.14 -1.22 0.00	31.79 -0.99 0.00
RUSSELL___2 23532	32.67 -0.25 0.00	31.01 -0.24 0.00	23.06 -0.17 0.00	20.02 -0.31 0.00	21.09 -0.25 0.00	23.69 -0.48 0.00	24.64 -0.60 0.00	36.28 -1.12 0.00	29.89 -0.62 0.00	24.64 -0.61 0.00	23.35 -0.70 0.00	22.72 -0.76 0.00	22.23 -0.64 0.00	19.32 -0.56 0.00	18.59 -0.57 0.00	20.92 -0.70 0.00	20.32 -0.75 0.00	22.66 -0.98 0.00	30.61 -1.48 0.00	35.36 -1.22 0.00	30.52 -0.89 0.00	38.78 -1.16 0.00	31.14 -1.22 0.00	31.79 -0.99 0.00
RUSSELL___3 23549	32.67 -0.25 0.00	31.01 -0.24 0.00	23.06 -0.17 0.00	20.02 -0.31 0.00	21.09 -0.25 0.00	23.69 -0.48 0.00	24.64 -0.60 0.00	36.28 -1.12 0.00	29.89 -0.62 0.00	24.64 -0.61 0.00	23.35 -0.70 0.00	22.72 -0.76 0.00	22.23 -0.64 0.00	19.32 -0.56 0.00	18.59 -0.57 0.00	20.92 -0.70 0.00	20.32 -0.75 0.00	22.66 -0.98 0.00	30.61 -1.48 0.00	35.36 -1.22 0.00	30.52 -0.89 0.00	38.78 -1.16 0.00	31.14 -1.22 0.00	31.79 -0.99 0.00
RUSSELL___4 23556	32.67 -0.25 0.00	31.01 -0.24 0.00	23.06 -0.17 0.00	20.02 -0.31 0.00	21.09 -0.25 0.00	23.69 -0.48 0.00	24.64 -0.60 0.00	36.28 -1.12 0.00	29.89 -0.62 0.00	24.64 -0.61 0.00	23.35 -0.70 0.00	22.72 -0.76 0.00	22.23 -0.64 0.00	19.32 -0.56 0.00	18.59 -0.57 0.00	20.92 -0.70 0.00	20.32 -0.75 0.00	22.66 -0.98 0.00	30.61 -1.48 0.00	35.36 -1.22 0.00	30.52 -0.89 0.00	38.78 -1.16 0.00	31.14 -1.22 0.00	31.79 -0.99 0.00
RUSSELL___STATION 23914	32.67 -0.25 0.00	31.01 -0.24 0.00	23.06 -0.17 0.00	20.02 -0.31 0.00	21.09 -0.25 0.00	23.69 -0.48 0.00	24.64 -0.60 0.00	36.28 -1.12 0.00	29.89 -0.62 0.00	24.64 -0.61 0.00	23.35 -0.70 0.00	22.72 -0.76 0.00	22.23 -0.64 0.00	19.32 -0.56 0.00	18.59 -0.57 0.00	20.92 -0.70 0.00	20.32 -0.75 0.00	22.66 -0.98 0.00	30.61 -1.48 0.00	35.36 -1.22 0.00	30.52 -0.89 0.00	38.78 -1.16 0.00	31.14 -1.22 0.00	31.79 -0.99 0.00
S SALMON___HYD 24043	32.41 -0.51 0.00	30.73 -0.53 0.00	22.62 -0.61 0.00	19.76 -0.57 0.00	20.75 -0.59 0.00	23.46 -0.71 0.00	24.44 -0.79 0.00	36.12 -1.28 0.00	29.55 -0.96 0.00	24.37 -0.88 0.00	23.13 -0.92 0.00	22.67 -0.80 0.00	22.04 -0.82 0.00	19.19 -0.69 0.00	18.50 -0.66 0.00	20.77 -0.86 0.00	20.24 -0.83 0.00	22.85 -0.78 0.00	31.34 -0.75 0.00	36.06 -0.52 0.00	31.13 -0.28 0.00	39.59 -0.35 0.00	31.85 -0.51 0.00	32.21 -0.57 0.00
S.PERRY___115KV_TB1 80734	33.61 0.68 0.00	31.82 0.57 0.00	23.59 0.37 0.00	20.49 0.15 0.00	21.55 0.20 0.00	24.29 0.12 0.00	25.36 0.12 0.00	37.41 0.01 0.00	30.83 0.31 0.00	25.38 0.13 0.00	23.92 -0.13 0.00	23.17 -0.31 0.00	22.29 -0.58 0.00	19.30 -0.57 0.00	18.56 -0.60 0.00	20.92 -0.71 0.00	20.33 -0.74 0.00	22.77 -0.86 0.00	30.91 -1.18 0.00	36.60 0.01 0.00	31.96 0.55 0.00	40.65 0.71 0.00	32.51 0.15 0.00	33.15 0.37 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.43 -0.49 0.00	30.87 -0.38 0.00	22.99 -0.23 0.00	19.87 -0.46 0.00	20.98 -0.36 0.00	23.46 -0.71 0.00	24.29 -0.95 0.00	35.59 -1.81 0.00	29.45 -1.06 0.00	24.23 -1.02 0.00	23.09 -0.96 0.00	22.51 -0.97 0.00	22.03 -0.83 0.00	19.14 -0.74 0.00	18.40 -0.75 0.00	20.69 -0.94 0.00	20.03 -1.04 0.00	22.20 -1.43 0.00	29.73 -2.36 0.00	34.45 -2.13 0.00	29.79 -1.63 0.00	37.92 -2.02 0.00	30.36 -1.99 0.00	31.21 -1.56 0.00
SAWYER___23_KV_LOAD 55526	32.43 -0.49 0.00	30.87 -0.38 0.00	22.99 -0.23 0.00	19.87 -0.46 0.00	20.98 -0.36 0.00	23.46 -0.71 0.00	24.29 -0.95 0.00	35.59 -1.81 0.00	29.45 -1.06 0.00	24.23 -1.02 0.00	23.09 -0.96 0.00	22.51 -0.97 0.00	22.03 -0.83 0.00	19.14 -0.74 0.00	18.40 -0.75 0.00	20.69 -0.94 0.00	20.03 -1.04 0.00	22.20 -1.43 0.00	29.73 -2.36 0.00	34.45 -2.13 0.00	29.79 -1.63 0.00	37.92 -2.02 0.00	30.36 -1.99 0.00	31.21 -1.56 0.00
SELKIRK___I 23801	33.26 0.34 0.00	31.61 0.36 0.00	23.46 0.23 0.00	20.57 0.23 0.00	21.57 0.22 0.00	24.45 0.28 0.00	25.59 0.35 0.00	37.94 0.54 0.00	31.02 0.50 0.00	25.58 0.33 0.00	24.38 0.32 0.00	23.77 0.29 0.00	23.07 0.20 0.00	20.10 0.22 0.00	19.40 0.25 0.00	21.89 0.26 0.00	21.37 0.30 0.00	24.08 0.45 0.00	32.66 0.57 0.00	37.39 0.80 0.00	32.10 0.68 0.00	40.76 0.82 0.00	32.85 0.50 0.00	33.18 0.40 0.00

SELKIRK___II 23799	33.11 0.18 0.00	31.46 0.20 0.00	23.34 0.12 0.00	20.47 0.13 0.00	21.46 0.12 0.00	24.33 0.16 0.00	25.48 0.25 0.00	37.80 0.40 0.00	30.89 0.38 0.00	25.48 0.23 0.00	24.29 0.24 0.00	23.71 0.23 0.00	23.05 0.18 0.00	20.04 0.16 0.00	19.34 0.18 0.00	21.83 0.21 0.00	21.29 0.22 0.00	23.97 0.34 0.00	32.50 0.42 0.00	37.22 0.63 0.00	31.96 0.55 0.00	40.57 0.63 0.00	32.71 0.35 0.00	33.01 0.23 0.00
SENECA OSWGO___HYD 24041	32.11 -0.81 0.00	30.44 -0.82 0.00	22.60 -0.63 0.00	19.77 -0.57 0.00	20.75 -0.59 0.00	23.45 -0.72 0.00	24.49 -0.74 0.00	36.23 -1.17 0.00	29.65 -0.87 0.00	24.46 -0.79 0.00	23.22 -0.83 0.00	22.65 -0.83 0.00	22.04 -0.83 0.00	19.18 -0.70 0.00	18.51 -0.65 0.00	20.88 -0.75 0.00	20.38 -0.69 0.00	22.86 -0.77 0.00	31.01 -1.08 0.00	35.57 -1.01 0.00	30.62 -0.79 0.00	38.89 -1.05 0.00	31.32 -1.03 0.00	31.73 -1.05 0.00
SENECA___115KV_TB3 355854	32.87 -0.05 0.00	31.28 0.03 0.00	23.29 0.07 0.00	20.13 -0.20 0.00	21.24 -0.10 0.00	23.77 -0.40 0.00	24.64 -0.60 0.00	36.16 -1.24 0.00	29.92 -0.60 0.00	24.59 -0.65 0.00	23.44 -0.61 0.00	22.85 -0.63 0.00	22.32 -0.55 0.00	19.36 -0.51 0.00	18.62 -0.53 0.00	20.95 -0.68 0.00	20.28 -0.79 0.00	22.50 -1.13 0.00	30.17 -1.92 0.00	35.01 -1.58 0.00	30.29 -1.12 0.00	38.55 -1.39 0.00	30.83 -1.53 0.00	31.66 -1.11 0.00
SENECA___ENERGY 23797	32.58 -0.34 0.00	30.90 -0.36 0.00	22.96 -0.26 0.00	20.06 -0.28 0.00	21.05 -0.29 0.00	23.76 -0.41 0.00	24.84 -0.40 0.00	36.60 -0.81 0.00	30.12 -0.40 0.00	24.83 -0.42 0.00	23.58 -0.47 0.00	22.87 -0.60 0.00	22.25 -0.62 0.00	19.35 -0.53 0.00	18.63 -0.53 0.00	21.05 -0.58 0.00	20.49 -0.58 0.00	23.02 -0.61 0.00	31.20 -0.89 0.00	35.88 -0.71 0.00	30.99 -0.42 0.00	39.41 -0.53 0.00	31.62 -0.73 0.00	32.13 -0.65 0.00
SHOEMAKER___GT 23640	33.87 0.95 0.00	32.19 0.93 0.00	23.91 0.68 0.00	20.98 0.65 0.00	21.94 0.60 0.00	24.90 0.73 0.00	26.16 0.92 0.00	38.72 1.31 0.00	31.67 1.16 0.00	26.03 0.78 0.00	24.84 0.79 0.00	24.28 0.80 0.00	23.62 0.75 0.00	20.45 0.57 0.00	19.73 0.57 0.00	22.31 0.69 0.00	21.78 0.71 0.00	24.48 0.85 0.00	33.21 1.13 0.00	38.13 1.55 0.00	32.82 1.41 0.00	41.66 1.71 0.00	33.46 1.11 0.00	33.73 0.96 0.00
SHOEMAKR_138KV_BK 111 55601	33.86 0.94 0.00	32.18 0.92 0.00	23.90 0.68 0.00	20.98 0.64 0.00	21.94 0.60 0.00	24.90 0.73 0.00	26.16 0.92 0.00	38.73 1.32 0.00	31.68 1.17 0.00	26.04 0.79 0.00	24.85 0.80 0.00	24.30 0.82 0.00	23.63 0.76 0.00	20.46 0.58 0.00	19.74 0.58 0.00	22.33 0.70 0.00	21.79 0.71 0.00	24.49 0.86 0.00	33.21 1.12 0.00	38.13 1.54 0.00	32.81 1.40 0.00	41.66 1.72 0.00	33.46 1.10 0.00	33.73 0.96 0.00
SHOREHAM_IC_1 23715	34.64 1.72 0.00	33.05 1.79 0.00	25.42 1.60 -0.59	21.84 1.51 0.00	22.78 1.44 0.00	43.96 1.90 -17.88	52.11 2.37 -24.51	39.98 2.58 0.00	32.86 2.35 0.00	26.98 1.73 0.00	42.54 2.06 -16.43	27.06 2.05 -1.52	25.85 1.92 -1.06	21.99 1.59 -0.53	20.40 1.24 0.00	23.07 1.44 0.00	22.90 1.82 0.00	25.43 1.79 0.00	34.36 2.27 0.00	39.37 2.79 0.00	33.87 2.45 0.00	43.28 3.33 0.00	34.08 1.73 0.00	34.51 1.73 0.00
SHOREHAM_IC_2 23716	34.64 1.72 0.00	33.05 1.79 0.00	25.42 1.60 -0.59	21.84 1.51 0.00	22.78 1.44 0.00	43.96 1.90 -17.88	52.11 2.37 -24.51	39.98 2.58 0.00	32.86 2.35 0.00	26.98 1.73 0.00	42.54 2.06 -16.43	27.06 2.05 -1.52	25.85 1.92 -1.06	21.99 1.59 -0.53	20.40 1.24 0.00	23.07 1.44 0.00	22.90 1.82 0.00	25.43 1.79 0.00	34.36 2.27 0.00	39.37 2.79 0.00	33.87 2.45 0.00	43.28 3.33 0.00	34.08 1.73 0.00	34.51 1.73 0.00
SISSONVILLE____ 23735	33.15 0.22 0.00	31.49 0.23 0.00	23.33 0.10 0.00	20.37 0.03 0.00	21.49 0.15 0.00	24.41 0.24 0.00	25.02 -0.21 0.00	36.98 -0.42 0.00	29.98 -0.54 0.00	24.96 -0.29 0.00	23.79 -0.26 0.00	23.36 -0.12 0.00	22.92 0.05 0.00	19.91 0.04 0.00	19.15 0.00 0.00	21.59 -0.04 0.00	20.89 -0.18 0.00	23.33 -0.31 0.00	32.00 -0.09 0.00	36.28 -0.31 0.00	31.03 -0.38 0.00	39.67 -0.27 0.00	32.55 0.19 0.00	33.22 0.45 0.00
SITHE_IND_GS1 24169	31.85 -1.07 0.00	30.20 -1.05 0.00	22.43 -0.80 0.00	19.64 -0.70 0.00	20.60 -0.74 0.00	23.27 -0.90 0.00	24.31 -0.93 0.00	35.96 -1.44 0.00	29.42 -1.10 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.71 -0.92 0.00	30.79 -1.29 0.00	35.27 -1.32 0.00	30.33 -1.08 0.00	38.56 -1.39 0.00	31.09 -1.26 0.00	31.52 -1.26 0.00
SITHE_IND_GS2 24170	31.85 -1.07 0.00	30.20 -1.05 0.00	22.43 -0.80 0.00	19.64 -0.70 0.00	20.60 -0.74 0.00	23.27 -0.90 0.00	24.31 -0.93 0.00	35.96 -1.44 0.00	29.42 -1.10 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.71 -0.92 0.00	30.79 -1.29 0.00	35.27 -1.32 0.00	30.33 -1.08 0.00	38.56 -1.39 0.00	31.09 -1.26 0.00	31.52 -1.26 0.00
SITHE_IND_GS3 24171	31.85 -1.07 0.00	30.20 -1.05 0.00	22.43 -0.80 0.00	19.64 -0.70 0.00	20.60 -0.74 0.00	23.27 -0.90 0.00	24.31 -0.93 0.00	35.96 -1.44 0.00	29.42 -1.10 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.71 -0.92 0.00	30.79 -1.29 0.00	35.27 -1.32 0.00	30.33 -1.08 0.00	38.56 -1.39 0.00	31.09 -1.26 0.00	31.52 -1.26 0.00
SITHE_IND_GS4 24172	31.85 -1.07 0.00	30.20 -1.05 0.00	22.43 -0.80 0.00	19.64 -0.70 0.00	20.60 -0.74 0.00	23.27 -0.90 0.00	24.31 -0.93 0.00	35.96 -1.44 0.00	29.42 -1.10 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.71 -0.92 0.00	30.79 -1.29 0.00	35.27 -1.32 0.00	30.33 -1.08 0.00	38.56 -1.39 0.00	31.09 -1.26 0.00	31.52 -1.26 0.00
SITHE___BATAVIA 24024	33.12 0.19 0.00	31.45 0.19 0.00	23.42 0.19 0.00	20.27 -0.06 0.00	21.40 0.06 0.00	23.97 -0.20 0.00	24.82 -0.41 0.00	36.40 -1.00 0.00	30.11 -0.40 0.00	24.73 -0.52 0.00	23.36 -0.69 0.00	22.63 -0.84 0.00	22.14 -0.73 0.00	19.23 -0.64 0.00	18.54 -0.61 0.00	20.82 -0.80 0.00	20.19 -0.88 0.00	22.43 -1.21 0.00	30.27 -1.82 0.00	35.22 -1.36 0.00	30.50 -0.91 0.00	38.79 -1.15 0.00	31.04 -1.32 0.00	31.83 -0.95 0.00
SITHE___INDEPEND 23800	31.84 -1.08 0.00	30.20 -1.06 0.00	22.43 -0.80 0.00	19.64 -0.70 0.00	20.60 -0.74 0.00	23.27 -0.90 0.00	24.31 -0.93 0.00	35.97 -1.44 0.00	29.41 -1.10 0.00	24.31 -0.94 0.00	23.11 -0.94 0.00	22.56 -0.92 0.00	21.96 -0.91 0.00	19.12 -0.75 0.00	18.43 -0.72 0.00	20.78 -0.85 0.00	20.26 -0.81 0.00	22.71 -0.92 0.00	30.79 -1.29 0.00	35.27 -1.32 0.00	30.34 -1.08 0.00	38.56 -1.39 0.00	31.09 -1.26 0.00	31.52 -1.26 0.00

SITHE___MASSENA 23902	33.34 0.42 0.00	31.67 0.42 0.00	23.55 0.32 0.00	20.57 0.23 0.00	21.68 0.34 0.00	24.61 0.44 0.00	25.49 0.25 0.00	37.80 0.40 0.00	30.65 0.14 0.00	25.53 0.29 0.00	24.34 0.29 0.00	23.77 0.29 0.00	23.25 0.38 0.00	20.21 0.33 0.00	19.44 0.28 0.00	21.95 0.32 0.00	21.32 0.25 0.00	23.82 0.19 0.00	32.47 0.38 0.00	36.75 0.16 0.00	31.43 0.02 0.00	40.04 0.10 0.00	32.77 0.42 0.00	33.35 0.57 0.00
SITHE___OGDNSBRG 24021	33.76 0.84 0.00	32.06 0.80 0.00	23.81 0.59 0.00	20.79 0.45 0.00	21.93 0.59 0.00	24.92 0.75 0.00	25.72 0.49 0.00	38.10 0.69 0.00	30.79 0.28 0.00	25.55 0.30 0.00	24.30 0.25 0.00	23.82 0.34 0.00	23.32 0.46 0.00	20.30 0.42 0.00	19.50 0.35 0.00	21.99 0.36 0.00	21.28 0.20 0.00	23.83 0.19 0.00	32.74 0.65 0.00	37.14 0.55 0.00	31.77 0.36 0.00	40.50 0.55 0.00	33.18 0.83 0.00	33.80 1.03 0.00
SITHE___STERLING 23777	33.67 0.74 0.00	31.89 0.64 0.00	23.61 0.38 0.00	20.66 0.33 0.00	21.66 0.31 0.00	24.54 0.37 0.00	25.65 0.42 0.00	38.01 0.61 0.00	31.00 0.48 0.00	25.62 0.38 0.00	24.35 0.30 0.00	23.76 0.29 0.00	23.11 0.24 0.00	20.07 0.20 0.00	19.39 0.23 0.00	21.84 0.21 0.00	21.39 0.31 0.00	24.10 0.47 0.00	32.81 0.72 0.00	37.61 1.03 0.00	32.38 0.97 0.00	41.11 1.17 0.00	33.09 0.73 0.00	33.44 0.67 0.00
SLEIGHT__34_KV_TB1 80719	32.35 -0.57 0.00	30.69 -0.56 0.00	22.82 -0.40 0.00	19.89 -0.45 0.00	20.92 -0.43 0.00	23.54 -0.62 0.00	24.57 -0.67 0.00	36.22 -1.19 0.00	29.77 -0.74 0.00	24.57 -0.68 0.00	23.29 -0.76 0.00	22.63 -0.85 0.00	22.10 -0.77 0.00	19.23 -0.64 0.00	18.53 -0.63 0.00	20.88 -0.75 0.00	20.33 -0.75 0.00	22.77 -0.86 0.00	30.85 -1.24 0.00	35.48 -1.11 0.00	30.56 -0.86 0.00	38.85 -1.09 0.00	31.20 -1.16 0.00	31.75 -1.02 0.00
SOUTH CAIRO___GT 23612	34.24 1.32 0.00	32.49 1.23 0.00	24.07 0.84 0.00	21.11 0.77 0.00	22.15 0.81 0.00	25.14 0.97 0.00	26.35 1.11 0.00	39.15 1.75 0.00	32.06 1.55 0.00	26.40 1.16 0.00	25.02 0.97 0.00	24.42 0.94 0.00	23.47 0.60 0.00	20.45 0.57 0.00	19.91 0.75 0.00	22.41 0.79 0.00	21.78 0.71 0.00	24.82 1.18 0.00	33.81 1.72 0.00	38.84 2.25 0.00	33.30 1.88 0.00	42.19 2.25 0.00	33.90 1.54 0.00	34.14 1.37 0.00
SOUTH HAMPTN___IC 23720	35.31 2.39 0.00	33.69 2.43 0.00	25.86 2.05 -0.59	22.23 1.89 0.00	23.19 1.85 0.00	44.41 2.36 -17.88	52.58 2.84 -24.51	40.78 3.37 0.00	33.50 2.98 0.00	27.44 2.19 0.00	43.01 2.53 -16.43	27.49 2.49 -1.52	26.21 2.28 -1.06	22.30 1.90 -0.53	20.70 1.54 0.00	23.42 1.79 0.00	23.26 2.19 0.00	25.86 2.22 0.00	34.80 2.71 0.00	39.74 3.16 0.00	34.19 2.77 0.00	43.64 3.70 0.00	34.40 2.05 0.00	34.80 2.02 0.00
SOUTHDOW__115KV_TB1 355954	34.09 1.17 0.00	32.45 1.20 0.00	24.17 0.95 0.00	20.93 0.59 0.00	21.99 0.64 0.00	24.64 0.47 0.00	25.76 0.52 0.00	37.91 0.51 0.00	31.39 0.87 0.00	25.66 0.42 0.00	24.53 0.48 0.00	23.96 0.48 0.00	23.28 0.41 0.00	20.13 0.25 0.00	19.27 0.11 0.00	21.75 0.12 0.00	21.07 0.00 0.00	23.47 -0.17 0.00	31.58 -0.51 0.00	36.86 0.28 0.00	31.92 0.51 0.00	40.66 0.71 0.00	32.27 -0.08 0.00	32.94 0.16 0.00
SOUTHOLD_69_KV_BK 2 55809	35.60 2.68 0.00	33.95 2.69 0.00	26.05 2.23 -0.59	22.39 2.06 0.00	23.37 2.03 0.00	44.61 2.56 -17.88	52.80 3.05 -24.51	41.11 3.71 0.00	33.77 3.26 0.00	27.65 2.40 0.00	43.22 2.74 -16.43	27.69 2.70 -1.52	26.36 2.43 -1.06	22.44 2.04 -0.53	20.82 1.67 0.00	23.57 1.94 0.00	23.43 2.36 0.00	26.07 2.43 0.00	34.90 2.71 0.00	39.90 3.31 0.00	34.32 2.91 0.00	43.79 3.85 0.00	34.51 2.15 0.00	34.88 2.11 0.00
SOUTHOLD___IC 23719	35.60 2.68 0.00	33.96 2.70 0.00	26.05 2.24 -0.59	22.39 2.06 0.00	23.37 2.03 0.00	44.61 2.56 -17.88	52.80 3.05 -24.51	41.11 3.71 0.00	33.77 3.26 0.00	27.65 2.40 0.00	43.22 2.74 -16.43	27.69 2.70 -1.52	26.36 2.43 -1.06	22.44 2.04 -0.53	20.82 1.67 0.00	23.57 1.94 0.00	23.44 2.36 0.00	26.07 2.43 0.00	34.90 2.81 0.00	39.90 3.31 0.00	34.32 2.91 0.00	43.79 3.85 0.00	34.51 2.15 0.00	34.89 2.11 0.00
SOUTH_FORK_WT_PWR 323839	35.67 2.75 0.00	34.03 2.78 0.00	26.11 2.29 -0.59	22.44 2.10 0.00	23.42 2.08 0.00	44.68 2.63 -17.88	52.88 3.13 -24.51	41.22 3.82 0.00	33.84 3.33 0.00	27.70 2.45 0.00	43.28 2.80 -16.43	27.75 2.75 -1.52	26.40 2.48 -1.06	22.47 2.08 -0.53	20.87 1.71 0.00	23.61 1.98 0.00	23.47 2.40 0.00	26.11 2.48 0.00	34.80 2.71 0.00	39.62 3.03 0.00	34.09 2.67 0.00	43.49 3.55 0.00	34.26 1.91 0.00	34.63 1.85 0.00
SPIERFLS_115KV_TB 1 80737	33.71 0.79 0.00	31.95 0.70 0.00	23.63 0.41 0.00	20.76 0.43 0.00	21.86 0.51 0.00	24.81 0.64 0.00	26.00 0.76 0.00	38.61 1.21 0.00	31.51 1.00 0.00	25.99 0.75 0.00	24.78 0.73 0.00	24.02 0.54 0.00	23.41 0.54 0.00	20.50 0.63 0.00	19.71 0.55 0.00	22.17 0.54 0.00	21.71 0.63 0.00	24.45 0.82 0.00	33.36 1.27 0.00	38.18 1.60 0.00	32.77 1.36 0.00	41.57 1.63 0.00	33.27 0.91 0.00	33.48 0.70 0.00
ST LAWRENCE____ 23600	32.97 0.04 0.00	31.32 0.07 0.00	23.30 0.07 0.00	20.36 0.02 0.00	21.44 0.10 0.00	24.36 0.19 0.00	25.26 0.03 0.00	37.50 0.10 0.00	30.43 -0.08 0.00	25.35 0.10 0.00	24.17 0.12 0.00	23.58 0.10 0.00	23.03 0.17 0.00	20.02 0.15 0.00	19.27 0.11 0.00	21.76 0.14 0.00	21.15 0.08 0.00	23.64 0.01 0.00	32.19 0.10 0.00	36.40 -0.19 0.00	31.13 -0.29 0.00	39.65 -0.29 0.00	32.44 0.09 0.00	32.99 0.21 0.00
STATE_CA_115KV_115_LB 55624	33.02 0.10 0.00	31.37 0.12 0.00	23.27 0.05 0.00	20.42 0.08 0.00	21.40 0.06 0.00	24.27 0.10 0.00	25.43 0.19 0.00	37.76 0.36 0.00	30.86 0.34 0.00	25.46 0.21 0.00	24.27 0.22 0.00	23.69 0.21 0.00	23.03 0.16 0.00	20.06 0.18 0.00	19.34 0.18 0.00	21.83 0.20 0.00	21.31 0.24 0.00	24.00 0.36 0.00	32.52 0.43 0.00	37.23 0.64 0.00	31.96 0.55 0.00	40.56 0.62 0.00	32.68 0.32 0.00	32.95 0.18 0.00
STATE_ST_34_KV_LOAD 55959	32.97 0.05 0.00	31.27 0.01 0.00	23.22 0.00 0.00	20.32 -0.02 0.00	21.35 0.00 0.00	24.01 -0.15 0.00	25.16 -0.07 0.00	37.10 -0.30 0.00	30.51 -0.01 0.00	25.17 -0.08 0.00	23.90 -0.16 0.00	23.17 -0.31 0.00	22.61 -0.26 0.00	19.68 -0.20 0.00	18.95 -0.21 0.00	21.41 -0.21 0.00	20.88 -0.19 0.00	23.50 -0.14 0.00	31.78 -0.30 0.00	36.39 -0.19 0.00	31.34 -0.07 0.00	39.97 0.03 0.00	32.12 -0.24 0.00	32.61 -0.17 0.00
STATION 5_MISC_HYD 23604	32.56 -0.36 0.00	30.90 -0.36 0.00	22.97 -0.25 0.00	19.96 -0.38 0.00	21.03 -0.32 0.00	23.62 -0.55 0.00	24.55 -0.68 0.00	36.14 -1.27 0.00	29.77 -0.74 0.00	24.54 -0.71 0.00	23.27 -0.78 0.00	22.65 -0.83 0.00	22.15 -0.72 0.00	19.25 -0.62 0.00	18.53 -0.63 0.00	20.85 -0.77 0.00	20.26 -0.82 0.00	22.58 -1.05 0.00	30.48 -1.62 0.00	35.20 -1.38 0.00	30.38 -1.03 0.00	38.62 -1.32 0.00	31.00 -1.35 0.00	31.66 -1.12 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.81 -0.12 0.00	31.12 -0.13 0.00	23.14 -0.09 0.00	20.14 -0.19 0.00	21.19 -0.15 0.00	23.87 -0.30 0.00	24.90 -0.34 0.00	36.69 -0.72 0.00	30.20 -0.32 0.00	24.89 -0.36 0.00	23.60 -0.45 0.00	22.92 -0.56 0.00	22.33 -0.53 0.00	19.43 -0.45 0.00	18.70 -0.46 0.00	21.08 -0.54 0.00	20.51 -0.56 0.00	22.97 -0.66 0.00	31.14 -0.95 0.00	35.90 -0.68 0.00	30.97 -0.44 0.00	39.33 -0.61 0.00	31.55 -0.81 0.00	32.12 -0.65 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.16 -0.76 0.00	30.54 -0.72 0.00	22.71 -0.52 0.00	19.74 -0.59 0.00	20.79 -0.55 0.00	23.37 -0.80 0.00	24.32 -0.92 0.00	35.82 -1.58 0.00	29.53 -0.98 0.00	24.35 -0.90 0.00	23.09 -0.96 0.00	22.47 -1.01 0.00	21.98 -0.89 0.00	19.10 -0.77 0.00	18.39 -0.77 0.00	20.74 -0.88 0.00	20.16 -0.91 0.00	22.49 -1.14 0.00	30.39 -1.70 0.00	35.06 -1.53 0.00	30.25 -1.17 0.00	38.43 -1.51 0.00	30.86 -1.49 0.00	31.51 -1.27 0.00
STA_56____34_KV_BUS2 355983	32.16 -0.76 0.00	30.54 -0.72 0.00	22.71 -0.52 0.00	19.74 -0.59 0.00	20.79 -0.55 0.00	23.37 -0.80 0.00	24.32 -0.92 0.00	35.82 -1.58 0.00	29.53 -0.98 0.00	24.35 -0.90 0.00	23.09 -0.96 0.00	22.47 -1.01 0.00	21.98 -0.89 0.00	19.10 -0.77 0.00	18.39 -0.77 0.00	20.74 -0.88 0.00	20.16 -0.91 0.00	22.49 -1.14 0.00	30.39 -1.70 0.00	35.06 -1.53 0.00	30.25 -1.17 0.00	38.43 -1.51 0.00	30.86 -1.49 0.00	31.51 -1.27 0.00
STA_67____115KV_BK2 355882	32.49 -0.43 0.00	30.84 -0.41 0.00	22.94 -0.28 0.00	19.92 -0.41 0.00	20.99 -0.35 0.00	23.57 -0.60 0.00	24.51 -0.73 0.00	36.07 -1.33 0.00	29.71 -0.80 0.00	24.49 -0.76 0.00	23.23 -0.82 0.00	22.61 -0.87 0.00	22.11 -0.75 0.00	19.22 -0.65 0.00	18.49 -0.67 0.00	20.82 -0.81 0.00	20.23 -0.84 0.00	22.54 -1.09 0.00	30.42 -1.67 0.00	35.13 -1.46 0.00	30.32 -1.10 0.00	38.54 -1.41 0.00	30.95 -1.41 0.00	31.61 -1.16 0.00
STA_7____115KV_9TRANS 80674	32.67 -0.25 0.00	31.01 -0.24 0.00	23.06 -0.17 0.00	20.02 -0.31 0.00	21.09 -0.25 0.00	23.69 -0.48 0.00	24.64 -0.60 0.00	36.28 -1.12 0.00	29.89 -0.62 0.00	24.64 -0.61 0.00	23.35 -0.70 0.00	22.72 -0.76 0.00	22.23 -0.64 0.00	19.32 -0.56 0.00	18.59 -0.57 0.00	20.92 -0.70 0.00	20.32 -0.75 0.00	22.66 -0.98 0.00	30.61 -1.48 0.00	35.36 -1.22 0.00	30.52 -0.89 0.00	38.78 -1.16 0.00	31.14 -1.22 0.00	31.79 -0.99 0.00
STA_82____115KV_TB1 80780	32.51 -0.40 0.00	30.87 -0.39 0.00	22.95 -0.27 0.00	19.94 -0.40 0.00	21.01 -0.33 0.00	23.59 -0.58 0.00	24.52 -0.72 0.00	36.10 -1.30 0.00	29.73 -0.78 0.00	24.51 -0.73 0.00	23.23 -0.82 0.00	22.61 -0.87 0.00	22.12 -0.75 0.00	19.22 -0.65 0.00	18.49 -0.66 0.00	20.82 -0.81 0.00	20.23 -0.84 0.00	22.54 -1.09 0.00	30.43 -1.66 0.00	35.15 -1.44 0.00	30.33 -1.08 0.00	38.55 -1.40 0.00	30.95 -1.40 0.00	31.62 -1.15 0.00
STEEL____WIND 323596	32.86 -0.06 0.00	31.26 0.00 0.00	23.25 0.03 0.00	20.11 -0.22 0.00	21.22 -0.11 0.00	23.74 -0.43 0.00	24.61 -0.62 0.00	36.14 -1.27 0.00	29.88 -0.63 0.00	24.57 -0.68 0.00	23.42 -0.63 0.00	22.85 -0.63 0.00	22.29 -0.58 0.00	19.34 -0.54 0.00	18.60 -0.56 0.00	20.92 -0.71 0.00	20.25 -0.82 0.00	22.47 -1.16 0.00	30.12 -1.97 0.00	34.97 -1.61 0.00	30.26 -1.16 0.00	38.54 -1.40 0.00	30.79 -1.56 0.00	31.64 -1.14 0.00
STEPHTWN_115KV_BK_2 55603	33.04 0.11 0.00	31.38 0.13 0.00	23.26 0.04 0.00	20.43 0.09 0.00	21.43 0.09 0.00	24.29 0.12 0.00	25.47 0.23 0.00	37.84 0.44 0.00	30.92 0.40 0.00	25.51 0.26 0.00	24.31 0.26 0.00	23.73 0.25 0.00	23.14 0.27 0.00	20.07 0.20 0.00	19.36 0.20 0.00	21.91 0.29 0.00	21.34 0.27 0.00	24.04 0.40 0.00	32.67 0.58 0.00	37.30 0.72 0.00	32.01 0.59 0.00	40.64 0.69 0.00	32.74 0.38 0.00	33.00 0.22 0.00
STEUBEN_REC_LFGE 323667	32.72 -0.21 0.00	30.84 -0.42 0.00	22.85 -0.38 0.00	19.88 -0.45 0.00	20.84 -0.50 0.00	23.56 -0.61 0.00	24.62 -0.62 0.00	36.26 -1.15 0.00	30.10 -0.42 0.00	24.90 -0.34 0.00	23.98 -0.07 0.00	23.10 -0.38 0.00	21.80 -1.06 0.00	18.80 -1.08 0.00	18.05 -1.11 0.00	20.42 -1.21 0.00	19.87 -1.20 0.00	22.36 -1.28 0.00	30.48 -1.61 0.00	36.06 -0.52 0.00	31.63 0.21 0.00	40.09 0.15 0.00	31.96 -0.40 0.00	32.71 -0.07 0.00
STILLWATER____SOLAR 323814	33.79 0.87 0.00	32.10 0.84 0.00	23.77 0.54 0.00	20.87 0.54 0.00	21.93 0.58 0.00	24.86 0.70 0.00	26.04 0.81 0.00	38.65 1.25 0.00	31.53 1.01 0.00	25.98 0.74 0.00	24.76 0.71 0.00	24.08 0.60 0.00	23.47 0.60 0.00	20.48 0.60 0.00	19.71 0.55 0.00	22.21 0.58 0.00	21.74 0.67 0.00	24.47 0.83 0.00	33.31 1.23 0.00	38.11 1.53 0.00	32.72 1.30 0.00	41.52 1.57 0.00	33.38 1.02 0.00	33.62 0.85 0.00
STONY____BROOK 24151	34.91 1.98 0.00	33.30 2.04 0.00	25.47 1.65 -0.59	21.86 1.53 0.00	22.80 1.46 0.00	43.87 1.82 -17.88	51.92 2.17 -24.51	40.08 2.68 0.00	32.98 2.46 0.00	27.04 1.79 0.00	42.45 1.97 -16.43	27.00 1.99 -1.53	25.83 1.89 -1.08	21.94 1.52 -0.54	20.38 1.22 0.00	23.11 1.48 0.00	22.78 1.71 0.00	25.29 1.66 0.00	34.19 2.10 0.00	39.33 2.75 0.00	33.92 2.51 0.00	43.18 3.24 0.00	34.26 1.91 0.00	34.73 1.96 0.00
STURGEON_POOL_HYD 23609	34.32 1.40 0.00	32.60 1.35 0.00	24.21 0.99 0.00	21.27 0.93 0.00	22.21 0.87 0.00	25.22 1.05 0.00	26.56 1.32 0.00	39.30 1.90 0.00	32.21 1.69 0.00	26.47 1.23 0.00	25.27 1.22 0.00	24.73 1.25 0.00	24.06 1.19 0.00	20.77 0.89 0.00	20.04 0.89 0.00	22.74 1.11 0.00	22.17 1.10 0.00	24.84 1.21 0.00	33.72 1.63 0.00	38.77 2.18 0.00	33.38 1.96 0.00	42.37 2.43 0.00	33.98 1.62 0.00	34.23 1.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.98 1.06 0.00	32.30 1.04 0.00	23.99 0.77 0.00	21.06 0.73 0.00	22.02 0.68 0.00	25.00 0.83 0.00	26.30 1.06 0.00	38.92 1.52 0.00	31.87 1.36 0.00	26.19 0.94 0.00	24.97 0.92 0.00	24.45 0.97 0.00	23.77 0.91 0.00	20.57 0.70 0.00	19.85 0.69 0.00	22.46 0.84 0.00	21.91 0.84 0.00	24.62 0.99 0.00	33.37 1.28 0.00	38.32 1.74 0.00	32.99 1.57 0.00	41.89 1.95 0.00	33.62 1.26 0.00	33.89 1.11 0.00
SWANROAD_115KV_TB1 355699	31.78 -1.14 0.00	30.23 -1.03 0.00	22.60 -0.63 0.00	19.52 -0.82 0.00	20.62 -0.72 0.00	23.05 -1.12 0.00	23.74 -1.49 0.00	34.69 -2.71 0.00	28.73 -1.78 0.00	23.65 -1.59 0.00	22.53 -1.52 0.00	21.93 -1.55 0.00	21.50 -1.37 0.00	18.66 -1.21 0.00	17.97 -1.19 0.00	20.19 -1.44 0.00	19.54 -1.53 0.00	21.63 -2.00 0.00	28.88 -3.21 0.00	33.43 -3.16 0.00	28.94 -2.47 0.00	36.82 -3.12 0.00	29.56 -2.80 0.00	30.41 -2.36 0.00
SYNERGY____BIOGAS 323694	33.12 0.19 0.00	31.45 0.19 0.00	23.42 0.19 0.00	20.27 -0.06 0.00	21.40 0.06 0.00	23.97 -0.20 0.00	24.82 -0.41 0.00	36.40 -1.00 0.00	30.11 -0.40 0.00	24.73 -0.52 0.00	23.36 -0.69 0.00	22.63 -0.84 0.00	22.14 -0.73 0.00	19.23 -0.64 0.00	18.54 -0.61 0.00	20.82 -0.80 0.00	20.19 -0.88 0.00	22.43 -1.21 0.00	30.27 -1.82 0.00	35.22 -1.36 0.00	30.50 -0.91 0.00	38.79 -1.15 0.00	31.04 -1.32 0.00	31.83 -0.95 0.00

SYRACUSE___ENERGY_ST1 323597	32.66 -0.26 0.00	30.95 -0.30 0.00	22.98 -0.24 0.00	20.11 -0.22 0.00	21.10 -0.24 0.00	23.84 -0.33 0.00	24.93 -0.31 0.00	36.86 -0.55 0.00	30.18 -0.33 0.00	24.91 -0.34 0.00	23.66 -0.39 0.00	23.08 -0.40 0.00	22.47 -0.40 0.00	19.54 -0.33 0.00	18.85 -0.31 0.00	21.27 -0.36 0.00	20.76 -0.31 0.00	23.30 -0.33 0.00	31.58 -0.51 0.00	36.19 -0.39 0.00	31.15 -0.27 0.00	39.59 -0.35 0.00	31.86 -0.49 0.00	32.29 -0.49 0.00
SYRACUSE___ENERGY_ST2 323598	32.66 -0.26 0.00	30.95 -0.30 0.00	22.98 -0.24 0.00	20.11 -0.22 0.00	21.10 -0.24 0.00	23.84 -0.33 0.00	24.93 -0.31 0.00	36.86 -0.55 0.00	30.18 -0.33 0.00	24.91 -0.34 0.00	23.66 -0.39 0.00	23.08 -0.40 0.00	22.47 -0.40 0.00	19.54 -0.33 0.00	18.85 -0.31 0.00	21.27 -0.36 0.00	20.76 -0.31 0.00	23.30 -0.33 0.00	31.58 -0.51 0.00	36.19 -0.39 0.00	31.15 -0.27 0.00	39.59 -0.35 0.00	31.86 -0.49 0.00	32.29 -0.49 0.00
SYRACUSE___POWER 24017	32.71 -0.21 0.00	31.00 -0.26 0.00	23.01 -0.21 0.00	20.14 -0.20 0.00	21.12 -0.22 0.00	23.87 -0.30 0.00	24.96 -0.28 0.00	36.92 -0.48 0.00	30.19 -0.32 0.00	24.92 -0.33 0.00	23.68 -0.37 0.00	23.10 -0.38 0.00	22.48 -0.39 0.00	19.56 -0.32 0.00	18.88 -0.28 0.00	21.29 -0.33 0.00	20.81 -0.26 0.00	23.37 -0.27 0.00	31.67 -0.42 0.00	36.32 -0.27 0.00	31.25 -0.16 0.00	39.67 -0.28 0.00	31.93 -0.42 0.00	32.34 -0.44 0.00
TALLMAN___138KV_BK151 55660	34.12 1.20 0.00	32.45 1.19 0.00	24.10 0.88 0.00	21.17 0.83 0.00	22.12 0.77 0.00	25.11 0.94 0.00	26.45 1.21 0.00	39.15 1.74 0.00	32.08 1.56 0.00	26.32 1.08 0.00	25.11 1.06 0.00	24.59 1.11 0.00	23.92 1.05 0.00	20.69 0.82 0.00	19.96 0.80 0.00	22.59 0.97 0.00	22.02 0.95 0.00	24.75 1.12 0.00	33.53 1.44 0.00	38.52 1.94 0.00	33.17 1.76 0.00	42.12 2.17 0.00	33.78 1.43 0.00	34.06 1.28 0.00
TEALLAVE_115KV_TB7 355573	32.45 -0.47 0.00	30.76 -0.49 0.00	22.84 -0.39 0.00	19.98 -0.36 0.00	20.96 -0.38 0.00	23.68 -0.48 0.00	24.75 -0.48 0.00	36.61 -0.79 0.00	29.96 -0.55 0.00	24.73 -0.52 0.00	23.50 -0.55 0.00	22.94 -0.54 0.00	22.32 -0.55 0.00	19.42 -0.45 0.00	18.74 -0.42 0.00	21.14 -0.49 0.00	20.63 -0.44 0.00	23.14 -0.49 0.00	31.36 -0.73 0.00	35.97 -0.61 0.00	30.96 -0.45 0.00	39.33 -0.61 0.00	31.65 -0.71 0.00	32.07 -0.70 0.00
TELGRAPH_34_KV_EAST 80808	32.63 -0.29 0.00	31.03 -0.22 0.00	23.14 -0.08 0.00	20.00 -0.33 0.00	21.13 -0.21 0.00	23.63 -0.54 0.00	24.43 -0.81 0.00	35.78 -1.62 0.00	29.62 -0.90 0.00	24.34 -0.91 0.00	23.11 -0.95 0.00	22.45 -1.03 0.00	21.98 -0.89 0.00	19.09 -0.79 0.00	18.38 -0.78 0.00	20.64 -0.99 0.00	20.00 -1.07 0.00	22.19 -1.45 0.00	29.80 -2.29 0.00	34.60 -1.99 0.00	29.95 -1.46 0.00	38.08 -1.87 0.00	30.51 -1.84 0.00	31.34 -1.44 0.00
TEMPLE___115KV_TB 2 55572	32.48 -0.44 0.00	30.78 -0.47 0.00	22.86 -0.37 0.00	20.00 -0.34 0.00	20.98 -0.36 0.00	23.70 -0.47 0.00	24.77 -0.46 0.00	36.64 -0.76 0.00	29.98 -0.53 0.00	24.74 -0.50 0.00	23.51 -0.54 0.00	22.96 -0.52 0.00	22.34 -0.53 0.00	19.44 -0.44 0.00	18.76 -0.40 0.00	21.16 -0.46 0.00	20.65 -0.42 0.00	23.17 -0.47 0.00	31.39 -0.70 0.00	36.01 -0.58 0.00	30.99 -0.42 0.00	39.34 -0.60 0.00	31.67 -0.69 0.00	32.08 -0.69 0.00
TIANA___69_KV_BK 1 55817	35.18 2.26 0.00	33.55 2.29 0.00	25.76 1.94 -0.59	22.14 1.80 0.00	23.10 1.75 0.00	44.29 2.25 -17.88	52.47 2.72 -24.51	40.60 3.20 0.00	33.36 2.85 0.00	27.33 2.09 0.00	42.90 2.42 -16.43	27.39 2.39 -1.52	26.12 2.20 -1.06	22.22 1.82 -0.53	20.62 1.47 0.00	23.33 1.71 0.00	23.17 2.10 0.00	25.76 2.13 0.00	34.72 2.63 0.00	39.72 3.14 0.00	34.17 2.76 0.00	43.63 3.68 0.00	34.39 2.04 0.00	34.80 2.02 0.00
TILDEN___115KV_TB1 80814	32.71 -0.21 0.00	31.00 -0.26 0.00	23.01 -0.21 0.00	20.14 -0.20 0.00	21.12 -0.22 0.00	23.87 -0.30 0.00	24.96 -0.28 0.00	36.92 -0.48 0.00	30.19 -0.32 0.00	24.92 -0.33 0.00	23.68 -0.37 0.00	23.10 -0.38 0.00	22.48 -0.39 0.00	19.56 -0.32 0.00	18.88 -0.28 0.00	21.29 -0.33 0.00	20.81 -0.26 0.00	23.37 -0.27 0.00	31.67 -0.42 0.00	36.32 -0.27 0.00	31.25 -0.16 0.00	39.67 -0.28 0.00	31.93 -0.42 0.00	32.34 -0.44 0.00
TRIGEN___CC 323695	34.61 1.68 0.00	32.93 1.67 0.00	25.10 1.28 -0.59	21.53 1.19 0.00	22.47 1.13 0.00	43.43 1.39 -17.88	51.39 1.64 -24.51	39.60 2.19 0.00	32.53 2.02 0.00	26.72 1.48 0.00	42.43 1.56 -16.83	28.36 1.56 -3.32	28.31 1.50 -3.94	24.89 1.22 -3.80	20.22 1.06 0.00	22.89 1.27 0.00	22.42 1.35 0.00	25.04 1.40 0.00	33.86 1.78 0.00	38.97 2.38 0.00	33.53 2.12 0.00	42.61 2.67 0.00	34.02 1.67 0.00	34.44 1.66 0.00
TRINITY___115KV__4 BK 55933	32.89 -0.03 0.00	31.27 0.01 0.00	23.18 -0.04 0.00	20.35 0.01 0.00	21.33 -0.01 0.00	24.19 0.02 0.00	25.33 0.10 0.00	37.62 0.21 0.00	30.73 0.22 0.00	25.35 0.11 0.00	24.17 0.12 0.00	23.59 0.11 0.00	22.94 0.07 0.00	19.96 0.09 0.00	19.26 0.10 0.00	21.73 0.11 0.00	21.20 0.13 0.00	23.88 0.25 0.00	32.37 0.28 0.00	37.05 0.47 0.00	31.81 0.40 0.00	40.39 0.44 0.00	32.54 0.19 0.00	32.82 0.05 0.00
UNION___PROCESSING_DRP 323587	32.52 -0.40 0.00	30.87 -0.39 0.00	22.96 -0.26 0.00	19.94 -0.39 0.00	21.01 -0.33 0.00	23.60 -0.57 0.00	24.53 -0.71 0.00	36.10 -1.30 0.00	29.74 -0.77 0.00	24.51 -0.73 0.00	23.24 -0.81 0.00	22.61 -0.87 0.00	22.12 -0.74 0.00	19.23 -0.64 0.00	18.50 -0.66 0.00	20.82 -0.80 0.00	20.23 -0.84 0.00	22.55 -1.09 0.00	30.44 -1.65 0.00	35.16 -1.43 0.00	30.34 -1.08 0.00	38.56 -1.38 0.00	30.97 -1.39 0.00	31.63 -1.15 0.00
UPPER HUDSON___HYD 24058	33.71 0.79 0.00	31.96 0.70 0.00	23.63 0.41 0.00	20.76 0.43 0.00	21.86 0.51 0.00	24.81 0.64 0.00	26.00 0.76 0.00	38.61 1.21 0.00	31.51 1.00 0.00	25.99 0.75 0.00	24.78 0.73 0.00	24.02 0.54 0.00	23.41 0.54 0.00	20.50 0.63 0.00	19.71 0.55 0.00	22.17 0.54 0.00	21.71 0.63 0.00	24.45 0.82 0.00	33.35 1.27 0.00	38.18 1.60 0.00	32.77 1.36 0.00	41.57 1.63 0.00	33.27 0.91 0.00	33.48 0.70 0.00
UPPER RAQUET___HYD 24056	33.15 0.23 0.00	31.49 0.23 0.00	23.33 0.10 0.00	20.37 0.03 0.00	21.49 0.15 0.00	24.41 0.24 0.00	25.02 -0.21 0.00	36.99 -0.42 0.00	29.98 -0.54 0.00	24.96 -0.29 0.00	23.79 -0.26 0.00	23.36 -0.12 0.00	22.92 0.05 0.00	19.91 0.04 0.00	19.15 0.00 0.00	21.59 -0.03 0.00	20.89 -0.18 0.00	23.33 -0.31 0.00	32.00 -0.09 0.00	36.27 -0.31 0.00	31.03 -0.38 0.00	39.68 -0.27 0.00	32.55 0.19 0.00	33.23 0.45 0.00
VALLEY44_115KV_TB2 355964	33.62 0.70 0.00	31.88 0.63 0.00	23.71 0.48 0.00	20.59 0.25 0.00	21.64 0.30 0.00	24.20 0.03 0.00	25.25 0.01 0.00	37.22 -0.18 0.00	30.70 0.19 0.00	25.12 -0.12 0.00	24.02 -0.03 0.00	23.46 -0.02 0.00	22.89 0.02 0.00	19.92 0.05 0.00	19.16 0.00 0.00	21.62 -0.01 0.00	20.95 -0.12 0.00	23.24 -0.39 0.00	31.15 -0.93 0.00	36.13 -0.45 0.00	31.23 -0.18 0.00	39.76 -0.18 0.00	31.76 -0.60 0.00	32.68 -0.09 0.00

VALLEY___115KV_TB 1-4 80826	32.61 -0.31 0.00	30.92 -0.34 0.00	22.94 -0.28 0.00	20.11 -0.22 0.00	21.05 -0.29 0.00	23.91 -0.26 0.00	25.07 -0.17 0.00	37.27 -0.13 0.00	30.29 -0.22 0.00	24.93 -0.32 0.00	23.75 -0.30 0.00	23.22 -0.26 0.00	22.55 -0.32 0.00	19.62 -0.26 0.00	18.93 -0.23 0.00	21.30 -0.32 0.00	20.84 -0.24 0.00	23.51 -0.12 0.00	31.98 -0.11 0.00	36.73 0.15 0.00	31.69 0.27 0.00	40.24 0.29 0.00	32.30 -0.06 0.00	32.52 -0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.23 1.31 0.00	32.43 1.18 0.00	24.11 0.88 0.00	21.10 0.76 0.00	22.10 0.76 0.00	25.06 0.89 0.00	26.23 1.00 0.00	38.82 1.42 0.00	31.78 1.26 0.00	26.20 0.95 0.00	24.98 0.93 0.00	24.39 0.91 0.00	23.72 0.85 0.00	20.55 0.68 0.00	19.82 0.66 0.00	22.40 0.77 0.00	21.86 0.78 0.00	24.55 0.91 0.00	33.30 1.21 0.00	38.19 1.60 0.00	32.84 1.43 0.00	41.72 1.77 0.00	33.59 1.23 0.00	33.98 1.20 0.00
VISCHER___FERRY HYD 24020	33.40 0.48 0.00	31.78 0.52 0.00	23.54 0.31 0.00	20.67 0.34 0.00	21.69 0.35 0.00	24.59 0.42 0.00	25.74 0.50 0.00	38.21 0.80 0.00	31.17 0.65 0.00	25.68 0.44 0.00	24.49 0.43 0.00	23.85 0.37 0.00	23.24 0.37 0.00	20.24 0.36 0.00	19.51 0.36 0.00	22.00 0.37 0.00	21.49 0.41 0.00	24.19 0.56 0.00	32.86 0.77 0.00	37.61 1.02 0.00	32.28 0.87 0.00	41.00 1.05 0.00	33.01 0.65 0.00	33.27 0.49 0.00
V_A_10_SYNC_DSASP 323832	32.08 -0.84 0.00	30.50 -0.76 0.00	22.69 -0.54 0.00	19.66 -0.68 0.00	20.74 -0.60 0.00	23.22 -0.95 0.00	24.07 -1.16 0.00	35.35 -2.05 0.00	29.20 -1.32 0.00	24.04 -1.20 0.00	22.88 -1.17 0.00	22.30 -1.18 0.00	21.84 -1.03 0.00	18.99 -0.89 0.00	18.28 -0.88 0.00	20.55 -1.07 0.00	19.92 -1.15 0.00	22.12 -1.52 0.00	29.67 -2.42 0.00	34.28 -2.31 0.00	29.60 -1.81 0.00	37.67 -2.27 0.00	30.21 -2.14 0.00	31.02 -1.76 0.00
V_CMM_10_SYNC_DSASP 323787	33.12 0.20 0.00	31.47 0.21 0.00	23.41 0.19 0.00	20.46 0.12 0.00	21.55 0.21 0.00	24.47 0.30 0.00	25.38 0.14 0.00	37.69 0.28 0.00	30.59 0.07 0.00	25.46 0.22 0.00	24.28 0.23 0.00	23.69 0.21 0.00	23.15 0.28 0.00	20.12 0.24 0.00	19.36 0.20 0.00	21.86 0.24 0.00	21.26 0.18 0.00	23.75 0.12 0.00	32.34 0.25 0.00	36.57 -0.01 0.00	31.28 -0.13 0.00	39.83 -0.12 0.00	32.59 0.23 0.00	33.14 0.36 0.00
V_CMP_10_SYNC_DSASP 323788	34.71 1.79 0.00	33.02 1.77 0.00	24.44 1.21 0.00	21.42 1.09 0.00	22.80 1.46 0.00	25.71 1.54 0.00	26.30 1.06 0.00	39.25 1.85 0.00	32.03 1.52 0.00	26.52 1.28 0.00	25.68 1.63 0.00	24.88 1.41 0.00	24.47 1.60 0.00	21.21 1.34 0.00	20.42 1.27 0.00	23.12 1.50 0.00	22.39 1.32 0.00	25.21 1.58 0.00	34.44 2.35 0.00	39.06 2.47 0.00	33.17 1.76 0.00	42.04 2.10 0.00	34.04 1.68 0.00	34.37 1.59 0.00
V_D_10_SYNC_DSASP 323841	33.34 0.42 0.00	31.67 0.42 0.00	23.55 0.32 0.00	20.57 0.23 0.00	21.68 0.34 0.00	24.61 0.44 0.00	25.49 0.25 0.00	37.80 0.40 0.00	30.65 0.14 0.00	25.54 0.29 0.00	24.35 0.30 0.00	23.77 0.29 0.00	23.25 0.38 0.00	20.21 0.33 0.00	19.44 0.29 0.00	21.95 0.32 0.00	21.32 0.25 0.00	23.82 0.19 0.00	32.48 0.39 0.00	36.75 0.17 0.00	31.43 0.02 0.00	40.05 0.10 0.00	32.77 0.42 0.00	33.35 0.57 0.00
V_E_10_SYNC_DSASP 323830	35.24 2.32 0.00	33.03 1.78 0.00	24.70 1.47 0.00	21.43 1.09 0.00	22.35 1.01 0.00	25.48 1.31 0.00	26.46 1.22 0.00	39.36 1.95 0.00	32.02 1.51 0.00	26.37 1.12 0.00	24.83 0.78 0.00	24.05 0.57 0.00	23.46 0.59 0.00	20.54 0.67 0.00	19.62 0.46 0.00	22.40 0.78 0.00	22.10 1.03 0.00	25.02 1.39 0.00	33.82 1.73 0.00	39.07 2.48 0.00	33.72 2.31 0.00	42.99 3.04 0.00	34.60 2.24 0.00	35.05 2.27 0.00
V_F_30_NSYNC___DSASP 323816	33.84 0.92 0.00	32.15 0.89 0.00	23.81 0.59 0.00	20.90 0.56 0.00	21.96 0.62 0.00	24.90 0.73 0.00	26.08 0.84 0.00	38.71 1.30 0.00	31.58 1.06 0.00	26.03 0.78 0.00	24.81 0.76 0.00	24.12 0.64 0.00	23.52 0.65 0.00	20.51 0.63 0.00	19.74 0.59 0.00	22.26 0.64 0.00	21.77 0.70 0.00	24.51 0.88 0.00	33.37 1.28 0.00	38.17 1.59 0.00	32.77 1.35 0.00	41.59 1.64 0.00	33.42 1.07 0.00	33.67 0.90 0.00
V_F_30_SYNC_DSASP 323786	33.02 0.10 0.00	31.37 0.11 0.00	23.27 0.04 0.00	20.42 0.08 0.00	21.40 0.06 0.00	24.27 0.10 0.00	25.42 0.18 0.00	37.75 0.35 0.00	30.85 0.34 0.00	25.46 0.21 0.00	24.27 0.22 0.00	23.69 0.21 0.00	23.03 0.16 0.00	20.06 0.18 0.00	19.34 0.18 0.00	21.83 0.20 0.00	21.30 0.23 0.00	23.99 0.36 0.00	32.51 0.42 0.00	37.22 0.64 0.00	31.96 0.54 0.00	40.56 0.62 0.00	32.67 0.31 0.00	32.95 0.17 0.00
V_XM_10_SYNC_DSASP 323789	34.71 1.79 0.00	33.02 1.77 0.00	24.44 1.21 0.00	21.42 1.09 0.00	22.80 1.46 0.00	25.71 1.54 0.00	26.30 1.06 0.00	39.25 1.85 0.00	32.03 1.52 0.00	26.52 1.28 0.00	25.68 1.63 0.00	24.88 1.41 0.00	24.47 1.60 0.00	21.21 1.34 0.00	20.42 1.27 0.00	23.12 1.50 0.00	22.39 1.32 0.00	25.21 1.58 0.00	34.44 2.35 0.00	39.06 2.47 0.00	33.17 1.76 0.00	42.04 2.10 0.00	34.04 1.68 0.00	34.37 1.59 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.24 1.32 0.00	32.56 1.30 0.00	24.18 0.96 0.00	21.24 0.90 0.00	22.19 0.85 0.00	25.20 1.03 0.00	26.53 1.29 0.00	39.27 1.87 0.00	32.19 1.67 0.00	26.42 1.18 0.00	25.20 1.15 0.00	24.68 1.20 0.00	24.00 1.14 0.00	20.76 0.89 0.00	20.03 0.87 0.00	22.67 1.04 0.00	22.10 1.03 0.00	24.84 1.21 0.00	33.66 1.57 0.00	38.68 2.09 0.00	33.30 1.88 0.00	42.27 2.33 0.00	33.91 1.55 0.00	34.16 1.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.59 1.67 0.00	32.90 1.64 0.00	24.39 1.17 0.00	21.43 1.10 0.00	22.38 1.04 0.00	25.41 1.24 0.00	26.77 1.54 0.00	39.61 2.21 0.00	32.52 2.00 0.00	26.75 1.51 0.00	25.54 1.49 0.00	24.97 1.49 0.00	24.29 1.42 0.00	21.05 1.17 0.00	20.31 1.15 0.00	22.96 1.33 0.00	22.39 1.32 0.00	25.13 1.49 0.00	34.03 1.94 0.00	39.11 2.52 0.00	33.66 2.24 0.00	42.75 2.80 0.00	34.30 1.94 0.00	34.56 1.78 0.00
W50THST__13_KV_LOAD 356117	34.74 1.82 0.00	33.03 1.78 0.00	24.49 1.27 0.00	21.52 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.78 2.38 0.00	32.67 2.16 0.00	26.88 1.63 0.00	25.66 1.61 0.00	25.10 1.62 0.00	24.42 1.55 0.00	21.15 1.27 0.00	20.41 1.25 0.00	23.08 1.45 0.00	22.50 1.42 0.00	25.25 1.61 0.00	34.19 2.10 0.00	39.28 2.69 0.00	33.81 2.39 0.00	42.94 3.00 0.00	34.45 2.09 0.00	34.69 1.92 0.00
WADING RIVER_IC_1 23522	34.55 1.63 0.00	32.97 1.72 0.00	25.39 1.57 -0.59	21.81 1.48 0.00	22.75 1.41 0.00	43.93 1.88 -17.88	52.09 2.35 -24.51	39.91 2.50 0.00	32.80 2.29 0.00	26.95 1.70 0.00	42.52 2.04 -16.43	27.03 2.03 -1.52	25.84 1.91 -1.06	21.97 1.57 -0.52	20.38 1.23 0.00	23.05 1.42 0.00	22.89 1.81 0.00	25.40 1.77 0.00	34.31 2.22 0.00	39.29 2.70 0.00	33.80 2.39 0.00	43.23 3.28 0.00	34.01 1.65 0.00	34.42 1.65 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.11 1.19 0.00	32.43 1.18 0.00	24.09 0.86 0.00	21.15 0.82 0.00	22.10 0.76 0.00	25.10 0.93 0.00	26.43 1.19 0.00	39.12 1.72 0.00	32.05 1.53 0.00	26.31 1.07 0.00	25.10 1.05 0.00	24.58 1.09 0.00	23.91 1.04 0.00	20.68 0.81 0.00	19.95 0.79 0.00	22.58 0.95 0.00	22.01 0.94 0.00	24.74 1.10 0.00	33.51 1.42 0.00	38.51 1.92 0.00	33.15 1.74 0.00	42.10 2.16 0.00	33.76 1.41 0.00	34.03 1.25 0.00
WHITEHAL_115KV_TB1 80871	34.68 1.75 0.00	32.65 1.39 0.00	24.02 0.80 0.00	21.15 0.82 0.00	22.49 1.15 0.00	25.57 1.40 0.00	26.74 1.50 0.00	39.86 2.46 0.00	32.37 1.85 0.00	26.69 1.45 0.00	25.51 1.46 0.00	24.41 0.93 0.00	23.83 0.96 0.00	21.14 1.27 0.00	20.29 1.14 0.00	22.65 1.02 0.00	22.12 1.05 0.00	24.97 1.34 0.00	34.38 2.29 0.00	39.34 2.76 0.00	33.78 2.36 0.00	42.87 2.93 0.00	33.90 1.54 0.00	34.01 1.23 0.00
WHITEPLN_13_KV_LOAD 356215	34.61 1.68 0.00	32.88 1.63 0.00	24.40 1.18 0.00	21.43 1.10 0.00	22.40 1.06 0.00	25.44 1.27 0.00	26.77 1.54 0.00	39.63 2.23 0.00	32.51 2.00 0.00	26.74 1.50 0.00	25.51 1.46 0.00	24.97 1.49 0.00	24.29 1.42 0.00	21.03 1.15 0.00	20.27 1.11 0.00	22.94 1.31 0.00	22.38 1.31 0.00	25.13 1.49 0.00	34.05 1.96 0.00	39.13 2.55 0.00	33.68 2.27 0.00	42.76 2.82 0.00	34.27 1.92 0.00	34.53 1.76 0.00
WM_FLOYD_69_KV_BK2 356380	34.95 2.03 0.00	33.35 2.09 0.00	25.57 1.75 -0.59	21.96 1.63 0.00	22.91 1.57 0.00	44.05 2.00 -17.88	52.17 2.42 -24.51	40.24 2.84 0.00	33.09 2.57 0.00	27.12 1.87 0.00	42.61 2.13 -16.43	27.13 2.13 -1.52	25.92 1.98 -1.07	22.03 1.63 -0.53	20.44 1.28 0.00	23.15 1.53 0.00	22.93 1.86 0.00	25.50 1.86 0.00	34.48 2.39 0.00	39.61 3.02 0.00	34.09 2.67 0.00	43.48 3.54 0.00	34.37 2.02 0.00	34.81 2.03 0.00
WOODARD__115KV_TB2 355635	32.37 -0.55 0.00	30.68 -0.57 0.00	22.78 -0.44 0.00	19.94 -0.40 0.00	20.91 -0.43 0.00	23.62 -0.55 0.00	24.70 -0.54 0.00	36.53 -0.87 0.00	29.89 -0.63 0.00	24.68 -0.57 0.00	23.44 -0.61 0.00	22.89 -0.59 0.00	22.28 -0.59 0.00	19.38 -0.49 0.00	18.69 -0.46 0.00	21.08 -0.55 0.00	20.57 -0.50 0.00	23.07 -0.56 0.00	31.28 -0.81 0.00	35.87 -0.72 0.00	30.87 -0.55 0.00	39.22 -0.72 0.00	31.58 -0.78 0.00	32.00 -0.78 0.00
YORK___WARBASSE 23770	34.71 1.79 0.00	33.01 1.76 0.00	24.48 1.25 0.00	21.51 1.18 0.00	22.46 1.12 0.00	25.51 1.34 0.00	26.89 1.65 0.00	39.73 2.32 0.00	32.67 2.15 0.00	26.85 1.60 0.00	25.64 1.59 0.00	25.06 1.58 0.00	24.39 1.53 0.00	21.12 1.25 0.00	20.37 1.21 0.00	23.04 1.41 0.00	22.46 1.39 0.00	25.23 1.60 0.00	34.14 2.05 0.00	39.17 2.58 0.00	33.78 2.36 0.00	42.91 2.97 0.00	34.42 2.07 0.00	34.68 1.91 0.00