

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/18/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.82	26.84	23.84	24.96	24.92	26.63	32.56	35.77	40.15	38.53	35.01	35.92	35.85	33.78	32.84	33.91	33.72	36.11	32.68	36.62	33.08	34.90	34.52	35.23
24138	2.13	1.77	1.53	1.56	1.48	1.57	2.00	2.51	2.91	2.60	2.55	2.63	2.70	2.35	2.57	2.53	2.31	2.50	2.35	2.29	2.11	2.07	2.07	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-3.26	-0.18	0.00	0.00	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.41	-8.73
74TH STREET_GT_1	30.92	26.94	23.93	25.06	25.02	26.74	32.68	35.89	40.28	38.62	35.10	36.03	35.99	33.87	32.92	34.00	33.83	36.24	32.78	36.72	33.20	35.00	34.60	35.28
24260	2.23	1.86	1.63	1.66	1.57	1.68	2.11	2.62	3.05	2.69	2.63	2.73	2.83	2.43	2.65	2.62	2.42	2.62	2.46	2.40	2.22	2.17	2.15	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.26	-0.18	0.00	0.00	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.41	-8.73
74TH STREET_GT_2	30.92	26.94	23.93	25.06	25.02	26.74	32.68	35.89	40.28	38.62	35.10	36.03	35.99	33.87	32.92	34.00	33.83	36.24	32.78	36.72	33.20	35.00	34.60	35.28
24261	2.23	1.86	1.63	1.66	1.57	1.68	2.11	2.62	3.05	2.69	2.63	2.73	2.83	2.43	2.65	2.62	2.42	2.62	2.46	2.40	2.22	2.17	2.15	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-3.26	-0.18	0.00	0.00	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.41	-8.73
ADK HUDSON___FALLS	30.54	26.64	23.74	24.85	24.95	26.60	32.42	35.36	39.57	34.84	33.85	34.93	34.99	31.99	32.29	33.56	33.69	36.15	32.49	36.63	33.14	34.74	31.47	28.09
24011	1.85	1.57	1.44	1.45	1.50	1.54	1.85	2.09	2.38	1.91	1.79	1.63	1.83	1.73	2.01	2.18	2.27	2.54	2.17	2.31	2.17	1.91	1.67	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	-0.27	0.22	0.00	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.75	-1.93
ADK RESOURCE___RCVRY	30.81	26.86	23.95	25.04	25.15	26.79	32.67	35.64	39.87	35.08	34.10	35.17	35.25	32.25	32.56	33.85	33.98	36.44	32.71	36.89	33.37	34.94	31.65	28.29
23798	2.12	1.79	1.64	1.64	1.70	1.73	2.11	2.37	2.68	2.15	2.04	1.87	2.09	1.98	2.29	2.47	2.56	2.83	2.38	2.56	2.40	2.11	1.85	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	-0.27	0.22	0.00	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.75	-1.93
ADK S GLENS___FALLS	30.54	26.64	23.74	24.85	24.95	26.60	32.42	35.36	39.57	34.84</														

ALBANY___4 23574	29.30 0.61 0.00	25.66 0.58 0.00	22.92 0.61 0.00	24.03 0.63 0.00	24.08 0.64 0.00	25.46 0.40 0.00	30.94 0.38 0.00	33.72 0.45 0.00	37.72 0.53 0.02	33.44 0.44 -0.34	32.52 0.43 0.19	33.70 0.40 0.00	33.66 0.50 0.00	30.75 0.47 -0.46	30.91 0.64 0.00	32.07 0.68 0.00	31.96 0.55 0.00	34.18 0.56 0.00	30.83 0.51 0.00	34.69 0.37 0.00	31.38 0.40 0.00	33.02 0.19 0.00	30.12 0.30 -0.78	27.05 0.41 -2.00
ALBANY___LFGE 323615	29.54 0.85 0.00	25.86 0.79 0.00	23.10 0.79 0.00	24.21 0.81 0.00	24.27 0.83 0.00	25.68 0.62 0.00	31.24 0.67 0.00	34.10 0.83 0.00	38.18 0.99 0.02	33.83 0.85 -0.32	32.91 0.83 0.21	34.16 0.86 0.00	34.15 0.99 0.00	31.20 0.92 -0.46	31.36 1.08 0.00	32.54 1.15 0.00	32.43 1.01 0.00	34.67 1.05 0.00	31.27 0.94 0.00	35.17 0.84 0.00	31.79 0.81 0.00	33.45 0.62 0.00	30.47 0.65 -0.78	27.33 0.70 -1.99
ALCOA_PA_115KV_PL-6C 55860	28.49 -0.20 0.00	24.94 -0.14 0.00	22.12 -0.18 0.00	23.18 -0.22 0.00	23.27 -0.18 0.00	24.93 -0.13 0.00	30.44 -0.12 0.00	33.13 -0.14 0.00	37.08 -0.14 0.00	32.52 -0.14 0.00	32.18 -0.10 0.00	33.29 -0.01 0.00	33.06 -0.10 0.00	29.75 -0.07 0.00	30.01 -0.26 0.00	31.07 -0.32 0.00	31.20 -0.22 0.00	33.22 -0.40 0.00	29.91 -0.43 0.00	34.03 -0.30 0.00	30.71 -0.27 0.00	32.77 -0.06 0.00	28.92 -0.12 0.00	24.49 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	28.49 -0.20 0.00	24.94 -0.14 0.00	22.12 -0.18 0.00	23.18 -0.22 0.00	23.27 -0.18 0.00	24.93 -0.13 0.00	30.44 -0.12 0.00	33.13 -0.14 0.00	37.08 -0.14 0.00	32.52 -0.14 0.00	32.18 -0.10 0.00	33.29 -0.01 0.00	33.06 -0.10 0.00	29.75 -0.07 0.00	30.01 -0.26 0.00	31.07 -0.32 0.00	31.20 -0.22 0.00	33.22 -0.40 0.00	29.91 -0.43 0.00	34.03 -0.30 0.00	30.71 -0.27 0.00	32.77 -0.06 0.00	28.92 -0.12 0.00	24.49 -0.15 0.00
ALCOA___DSASP 323711	28.49 -0.20 0.00	24.94 -0.14 0.00	22.12 -0.18 0.00	23.18 -0.22 0.00	23.27 -0.18 0.00	24.93 -0.13 0.00	30.44 -0.12 0.00	33.13 -0.14 0.00	37.08 -0.14 0.00	32.52 -0.14 0.00	32.18 -0.10 0.00	33.29 -0.01 0.00	33.06 -0.10 0.00	29.75 -0.07 0.00	30.01 -0.26 0.00	31.06 -0.32 0.00	31.20 -0.21 0.00	33.22 -0.40 0.00	29.91 -0.42 0.00	34.02 -0.30 0.00	30.71 -0.27 0.00	32.77 -0.06 0.00	28.92 -0.12 0.00	24.50 -0.15 0.00
ALLEGHENY___COGEN 23514	30.35 1.65 0.00	26.49 1.42 0.00	23.43 1.13 0.00	24.67 1.27 0.00	24.61 1.17 0.00	26.56 1.50 0.00	32.51 1.94 0.00	34.81 1.55 0.00	38.24 1.03 0.00	33.15 0.49 0.00	32.33 0.05 0.00	31.97 -1.32 0.00	30.94 -2.22 0.00	27.36 -2.46 0.00	27.79 -2.48 0.00	28.98 -2.41 0.00	29.54 -1.88 0.00	31.89 -1.72 0.00	28.91 -1.42 0.00	33.22 -1.10 0.00	30.50 -0.48 0.00	34.14 1.31 0.00	30.65 1.61 0.00	26.04 1.40 0.00
ALTAMONT_115KV_TB 2 55880	29.55 0.86 0.00	25.84 0.77 0.00	23.07 0.76 0.00	24.19 0.79 0.00	24.25 0.80 0.00	25.78 0.72 0.00	31.37 0.81 0.00	34.17 0.90 0.00	38.23 1.03 0.02	33.95 0.86 -0.42	32.97 0.82 0.13	34.11 0.81 0.00	34.07 0.91 0.00	31.09 0.83 -0.44	31.26 0.98 0.00	32.42 1.04 0.00	32.33 0.91 0.00	34.60 0.99 0.00	31.24 0.91 0.00	35.17 0.84 0.00	31.81 0.84 0.00	33.51 0.68 0.00	30.51 0.71 -0.76	27.31 0.72 -1.94
ALTONA_WT_PWR 323606	30.27 1.58 0.00	26.53 1.45 0.00	23.37 1.06 0.00	24.22 0.82 0.00	24.25 0.81 0.00	26.20 1.14 0.00	32.02 1.46 0.00	34.88 1.61 0.00	39.18 1.96 0.00	34.41 1.75 0.00	34.23 1.95 0.00	35.35 2.05 0.00	34.97 1.81 0.00	31.63 1.82 0.00	32.07 1.80 0.00	32.75 1.37 0.00	33.05 1.64 0.00	35.43 1.82 0.00	31.94 1.61 0.00	36.33 2.00 0.00	32.79 1.81 0.00	34.85 2.02 0.00	30.92 1.88 0.00	25.95 1.31 0.00
AMERICAN_REF_FUEL 24010	28.31 -0.38 0.00	24.93 -0.14 0.00	22.02 -0.29 0.00	23.11 -0.29 0.00	23.03 -0.42 0.00	24.86 -0.20 0.00	30.23 -0.33 0.00	31.78 -1.49 0.00	35.28 -1.94 0.00	31.12 -1.54 0.00	30.25 -2.04 0.00	30.91 -2.39 0.00	30.75 -2.41 0.00	27.58 -2.23 0.00	27.91 -2.37 0.00	29.12 -2.26 0.00	29.65 -1.77 0.00	32.65 -0.97 0.00	29.61 -0.71 0.00	33.65 -0.67 0.00	30.19 -0.79 0.00	32.00 -0.83 0.00	28.18 -0.87 0.00	24.09 -0.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.60 0.91 0.00	25.83 0.76 0.00	22.65 0.35 0.00	23.88 0.48 0.00	23.83 0.38 0.00	25.86 0.80 0.00	31.68 1.11 0.00	33.91 0.64 0.00	37.88 0.66 0.00	33.30 0.64 0.00	32.57 0.29 0.00	33.34 0.05 0.00	33.00 -0.16 0.00	29.60 -0.22 0.00	29.74 -0.53 0.00	30.92 -0.46 0.00	31.61 0.19 0.00	34.72 1.10 0.00	31.49 1.16 0.00	35.97 1.64 0.00	32.23 1.26 0.00	34.18 1.35 0.00	30.03 0.99 0.00	25.42 0.78 0.00
ARTHUR_KILL_GT_1 23520	30.78 2.08 -0.01	26.85 1.77 -0.01	23.81 1.51 0.00	24.88 1.48 0.00	24.82 1.37 0.00	26.46 1.40 0.00	31.62 1.72 0.67	33.89 2.30 1.67	33.09 2.65 6.78	33.81 2.34 1.19	34.19 2.29 0.38	34.19 2.30 1.40	34.57 2.43 1.02	33.60 2.17 -1.62	32.62 2.35 0.00	33.73 2.34 0.00	33.52 2.11 0.00	35.74 2.12 0.00	32.46 2.13 0.00	34.77 1.87 1.43	32.79 1.82 0.00	32.89 1.74 1.68	25.23 1.81 5.63	25.22 1.61 1.03
ARTHUR_KILL_2 23512	30.67 1.98 -0.01	26.76 1.68 -0.01	23.74 1.43 0.00	24.80 1.40 0.00	24.75 1.30 0.00	26.38 1.32 0.00	31.51 1.62 0.67	33.78 2.19 1.67	32.95 2.51 6.78	33.70 2.22 1.19	34.06 2.16 0.38	34.05 2.16 1.40	34.43 2.29 1.02	33.49 2.05 -1.62	32.51 2.23 0.00	33.60 2.21 0.00	33.39 1.98 0.00	35.60 1.98 0.00	32.33 2.00 0.00	34.63 1.73 1.43	32.66 1.68 0.00	32.76 1.60 1.68	25.11 1.70 5.63	25.14 1.52 1.03
ARTHUR_KILL_3 23513	30.48 1.80 0.00	26.55 1.48 0.00	23.58 1.28 0.00	24.71 1.32 0.00	24.67 1.22 0.00	26.36 1.30 0.00	31.51 1.61 0.66	33.81 2.06 1.51	33.51 2.35 6.06	34.10 2.08 0.64	34.07 2.03 0.25	34.89 2.13 0.53	34.50 2.23 0.89	33.36 1.93 -1.62	32.42 2.15 0.00	33.49 2.10 0.00	33.30 1.89 0.00	35.19 2.02 0.44	32.24 1.92 0.01	34.37 1.79 1.75	32.65 1.68 0.01	32.75 1.60 1.68	25.05 1.64 5.63	25.13 1.52 1.03
ARTHUR_KILL_COGEN 323718	30.78 2.08 -0.01	26.85 1.77 -0.01	23.81 1.51 0.00	24.88 1.48 0.00	24.82 1.37 0.00	26.46 1.40 0.00	31.62 1.72 0.67	33.89 2.30 1.67	33.09 2.65 6.78	33.81 2.34 1.19	34.19 2.29 0.38	34.19 2.30 1.40	34.57 2.43 1.02	33.60 2.17 -1.62	32.62 2.35 0.00	33.73 2.34 0.00	33.52 2.11 0.00	35.74 2.12 0.00	32.46 2.13 0.00	34.77 1.87 1.43	32.79 1.82 0.00	32.89 1.74 1.68	25.23 1.81 5.63	25.22 1.61 1.03
ASHOKAN____ 23654	29.83 1.14 0.00	26.04 0.97 0.00	23.22 0.91 0.00	24.33 0.93 0.00	24.36 0.91 0.00	25.92 0.86 0.00	31.62 1.06 0.00	34.54 1.27 0.00	38.69 1.47 0.00	34.09 1.43 0.00	33.67 1.38 0.00	34.72 1.42 0.00	34.62 1.46 0.00	31.31 1.29 -0.20	31.78 1.51 0.00	33.05 1.67 0.00	33.04 1.62 0.00	35.28 1.67 0.00	31.98 1.66 0.00	35.98 1.65 0.00	32.53 1.55 0.00	34.13 1.30 0.00	30.16 1.11 0.00	25.68 1.04 0.00

ASTORIA_EAST_ENERGY_CC1 323581	30.68 1.99 0.00	26.78 1.71 0.00	23.79 1.49 0.00	24.87 1.47 0.00	24.84 1.39 0.00	26.56 1.50 0.00	32.44 1.87 0.00	35.60 2.34 0.00	39.96 2.72 -0.02	38.22 2.29 -3.26	34.63 2.16 -0.18	35.55 2.25 0.00	35.50 2.35 0.00	33.49 2.05 -1.62	32.58 2.31 0.00	33.63 2.25 0.00	33.44 2.03 0.00	35.79 2.18 0.00	32.41 2.08 0.00	36.31 1.98 0.00	32.86 1.89 0.00	34.71 1.88 0.00	34.39 1.94 -3.41	35.10 1.73 -8.73
ASTORIA_EAST_ENERGY_CC2 323582	30.68 1.99 0.00	26.78 1.71 0.00	23.79 1.49 0.00	24.87 1.47 0.00	24.84 1.39 0.00	26.56 1.50 0.00	32.44 1.87 0.00	35.60 2.34 0.00	39.96 2.72 -0.02	38.22 2.29 -3.26	34.63 2.16 -0.18	35.55 2.25 0.00	35.50 2.35 0.00	33.49 2.05 -1.62	32.58 2.31 0.00	33.63 2.25 0.00	33.44 2.03 0.00	35.79 2.18 0.00	32.41 2.08 0.00	36.31 1.98 0.00	32.86 1.89 0.00	34.71 1.88 0.00	34.39 1.94 -3.41	35.10 1.73 -8.73
ASTORIA_GT2_1 24094	30.70 2.01 0.00	26.79 1.72 0.00	23.80 1.50 0.00	24.88 1.49 0.00	24.86 1.41 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.62 2.36 0.00	39.97 2.73 -0.02	38.24 2.32 -3.26	34.65 2.18 -0.18	35.57 2.28 0.00	35.53 2.37 0.00	33.51 2.08 -1.62	32.60 2.33 0.00	33.65 2.27 0.00	33.46 2.05 0.00	35.81 2.20 0.00	32.43 2.11 0.00	36.32 1.99 0.00	32.88 1.90 0.00	34.73 1.90 0.00	34.40 1.95 -3.41	35.11 1.73 -8.73
ASTORIA_GT2_2 24095	30.70 2.01 0.00	26.79 1.72 0.00	23.80 1.50 0.00	24.88 1.49 0.00	24.86 1.41 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.62 2.36 0.00	39.97 2.73 -0.02	38.24 2.32 -3.26	34.65 2.18 -0.18	35.57 2.28 0.00	35.53 2.37 0.00	33.51 2.08 -1.62	32.60 2.33 0.00	33.65 2.27 0.00	33.46 2.05 0.00	35.81 2.20 0.00	32.43 2.11 0.00	36.32 1.99 0.00	32.88 1.90 0.00	34.73 1.90 0.00	34.40 1.95 -3.41	35.11 1.73 -8.73
ASTORIA_GT2_3 24096	30.70 2.01 0.00	26.79 1.72 0.00	23.80 1.50 0.00	24.88 1.49 0.00	24.86 1.41 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.62 2.36 0.00	39.97 2.73 -0.02	38.24 2.32 -3.26	34.65 2.18 -0.18	35.57 2.28 0.00	35.53 2.37 0.00	33.51 2.08 -1.62	32.60 2.33 0.00	33.65 2.27 0.00	33.46 2.05 0.00	35.81 2.20 0.00	32.43 2.11 0.00	36.32 1.99 0.00	32.88 1.90 0.00	34.73 1.90 0.00	34.40 1.95 -3.41	35.11 1.73 -8.73
ASTORIA_GT2_4 24097	30.70 2.01 0.00	26.79 1.72 0.00	23.80 1.50 0.00	24.88 1.49 0.00	24.86 1.41 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.62 2.36 0.00	39.97 2.73 -0.02	38.24 2.32 -3.26	34.65 2.18 -0.18	35.57 2.28 0.00	35.53 2.37 0.00	33.51 2.08 -1.62	32.60 2.33 0.00	33.65 2.27 0.00	33.46 2.05 0.00	35.81 2.20 0.00	32.43 2.11 0.00	36.32 1.99 0.00	32.88 1.90 0.00	34.73 1.90 0.00	34.40 1.95 -3.41	35.11 1.73 -8.73
ASTORIA_GT3_1 24098	30.70 2.01 0.00	26.79 1.72 0.00	23.80 1.50 0.00	24.88 1.49 0.00	24.86 1.41 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.62 2.36 0.00	39.97 2.73 -0.02	38.24 2.32 -3.26	34.65 2.18 -0.18	35.57 2.28 0.00	35.53 2.37 0.00	33.51 2.08 -1.62	32.60 2.33 0.00	33.65 2.27 0.00	33.46 2.05 0.00	35.81 2.20 0.00	32.43 2.11 0.00	36.32 1.99 0.00	32.88 1.90 0.00	34.73 1.90 0.00	34.40 1.95 -3.41	35.11 1.73 -8.73
ASTORIA_GT3_2 24099	30.70 2.01 0.00	26.79 1.72 0.00	23.80 1.50 0.00	24.88 1.49 0.00	24.86 1.41 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.62 2.36 0.00																

ASTORIA_GT_10 24110	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.43 0.00	24.85 1.45 0.00	24.80 1.36 0.00	26.50 1.44 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.92 2.68 -0.02	38.27 2.34 -3.26	34.70 2.23 -0.18	35.58 2.28 0.00	35.53 2.38 0.00	33.47 2.04 -1.62	32.51 2.23 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.10 0.00	32.35 2.02 0.00	36.24 1.91 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
ASTORIA_GT_11 24225	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.43 0.00	24.85 1.45 0.00	24.80 1.36 0.00	26.50 1.44 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.92 2.68 -0.02	38.27 2.34 -3.26	34.70 2.23 -0.18	35.58 2.28 0.00	35.53 2.38 0.00	33.47 2.04 -1.62	32.51 2.23 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.10 0.00	32.35 2.02 0.00	36.24 1.91 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
ASTORIA_GT_12 24226	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.44 0.00	24.84 1.45 0.00	24.80 1.36 0.00	26.49 1.43 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.91 2.68 -0.02	38.26 2.34 -3.26	34.70 2.23 -0.18	35.58 2.29 0.00	35.53 2.37 0.00	33.47 2.03 -1.62	32.51 2.24 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.11 0.00	32.34 2.02 0.00	36.25 1.92 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
ASTORIA_GT_13 24227	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.44 0.00	24.84 1.45 0.00	24.80 1.36 0.00	26.49 1.43 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.91 2.68 -0.02	38.26 2.34 -3.26	34.70 2.23 -0.18	35.58 2.29 0.00	35.53 2.37 0.00	33.47 2.03 -1.62	32.51 2.24 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.11 0.00	32.34 2.02 0.00	36.25 1.92 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
ASTORIA_GT_5 24106	30.77 2.08 0.00	26.86 1.79 0.00	23.86 1.55 0.00	24.94 1.54 0.00	24.91 1.46 0.00	26.63 1.57 0.00	32.53 1.96 0.00	35.71 2.45 0.00	40.08 2.84 -0.02	38.33 2.41 -3.26	34.74 2.27 -0.18	35.67 2.38 0.00	35.62 2.46 0.00	33.59 2.15 -1.62	32.68 2.41 0.00	33.75 2.36 0.00	33.56 2.14 0.00	35.91 2.30 0.00	32.51 2.19 0.00	36.43 2.10 0.00	32.96 1.99 0.00	34.82 1.99 0.00	34.48 2.03 -3.41	35.17 1.80 -8.73
ASTORIA_GT_7 24107	30.77 2.08 0.00	26.86 1.79 0.00	23.86 1.55 0.00	24.94 1.54 0.00	24.91 1.46 0.00	26.63 1.57 0.00	32.53 1.96 0.00	35.71 2.45 0.00	40.08 2.84 -0.02	38.33 2.41 -3.26	34.74 2.27 -0.18	35.67 2.38 0.00	35.62 2.46 0.00	33.59 2.15 -1.62	32.68 2.41 0.00	33.75 2.36 0.00	33.56 2.14 0.00	35.91 2.30 0.00	32.51 2.19 0.00	36.43 2.10 0.00	32.96 1.99 0.00	34.82 1.99 0.00	34.48 2.03 -3.41	35.17 1.80 -8.73
ASTORIA_GT_8 24108	30.77 2.08 0.00	26.86 1.79 0.00	23.86 1.55 0.00	24.94 1.54 0.00	24.91 1.46 0.00	26.63 1.57 0.00	32.53 1.97 0.00	35.71 2.44 0.00	40.07 2.83 -0.02	38.33 2.41 -3.26	34.74 2.27 -0.18	35.67 2.37 0.00	35.62 2.46 0.00	33.60 2.16 -1.62	32.69 2.41 0.00	33.74 2.35 0.00	33.56 2.14 0.00	35.91 2.30 0.00	32.52 2.19 0.00	36.42 2.09 0.00	32.97 1.99 0.00	34.82 2.00 0.00	34.49 2.03 -3.41	35.17 1.80 -8.73
ASTORIA___2 24149	30.70 2.01 0.00	26.79 1.72 0.00	23.81 1.50 0.00	24.88 1.49 0.00	24.86 1.41 0.00	26.56 1.51 0.00	32.46 1.89 0.00	35.62 2.36 0.00	39.97 2.73 -0.02	38.24 2.31 -3.26	34.65 2.18 -0.18	35.58 2.28 0.00	35.53 2.37 0.00	33.50 2.07 -1.62	32.60 2.32 0.00	33.65 2.27 0.00	33.46 2.05 0.00	35.81 2.20 0.00	32.43 2.10 0.00	36.33 2.00 0.00	32.87 1.90 0.00	34.73 1.90 0.00	34.41 1.96 -3.41	35.11 1.74 -8.73
ASTORIA___3 23516	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.44 0.00	24.84 1.45 0.00	24.80 1.35 0.00	26.49 1.43 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.91 2.68 -0.02	38.26 2.34 -3.26	34.70 2.23 -0.18	35.58 2.29 0.00	35.53 2.37 0.00	33.47 2.03 -1.62	32.51 2.23 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.11 0.00	32.34 2.02 0.00	36.25 1.92 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
ASTORIA___4 23517	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.43 0.00	24.85 1.45 0.00	24.80 1.36 0.00	26.50 1.44 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.91 2.68 -0.02	38.26 2.34 -3.26	34.70 2.23 -0.18	35.58 2.28 0.00	35.53 2.38 0.00	33.47 2.04 -1.62	32.51 2.23 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.10 0.00	32.34 2.02 0.00	36.24 1.91 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
ASTORIA___5 23518	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.44 0.00	24.84 1.45 0.00	24.80 1.36 0.00	26.49 1.43 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.91 2.68 -0.02	38.26 2.34 -3.26	34.70 2.23 -0.18	35.58 2.29 0.00	35.53 2.37 0.00	33.47 2.03 -1.62	32.50 2.23 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.11 0.00	32.34 2.02 0.00	36.25 1.92 0.00	32.78 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
AST_ENERGY_2_CC3 323677	30.59 1.90 0.00	26.65 1.58 0.00	23.69 1.38 0.00	24.81 1.41 0.00	24.76 1.32 0.00	26.45 1.40 0.00	32.29 1.73 0.00	35.47 2.21 0.00	39.78 2.54 -0.02	38.17 2.25 -3.26	34.66 2.19 -0.18	35.56 2.27 0.00	35.53 2.37 0.00	33.48 2.04 -1.62	32.53 2.26 0.00	33.60 2.22 0.00	33.42 2.00 0.00	35.78 2.16 0.00	32.39 2.06 0.00	36.29 1.96 0.00	32.81 1.83 0.00	34.60 1.77 0.00	34.25 1.80 -3.41	35.00 1.63 -8.73
AST_ENERGY_2_CC4 323678	30.59 1.90 0.00	26.65 1.58 0.00	23.69 1.38 0.00	24.81 1.41 0.00	24.76 1.32 0.00	26.45 1.40 0.00	32.29 1.73 0.00	35.47 2.21 0.00	39.78 2.54 -0.02	38.17 2.25 -3.26	34.66 2.19 -0.18	35.56 2.27 0.00	35.53 2.37 0.00	33.48 2.04 -1.62	32.53 2.26 0.00	33.60 2.22 0.00	33.42 2.00 0.00	35.78 2.16 0.00	32.39 2.06 0.00	36.29 1.96 0.00	32.81 1.83 0.00	34.60 1.77 0.00	34.25 1.80 -3.41	35.00 1.63 -8.73
ATHENS_STG_1 23668	29.55 0.86 0.00	25.82 0.74 0.00	23.04 0.74 0.00	24.17 0.77 0.00	24.22 0.77 0.00	25.77 0.71 0.00	31.37 0.81 0.00	34.24 0.98 0.00	38.36 1.14 -0.01	34.52 0.97 -0.89	33.29 0.94 -0.06	34.28 0.98 0.00	34.26 1.09 0.00	31.24 0.95 -0.47	31.39 1.12 0.00	32.52 1.13 0.00	32.42 1.00 0.00	34.71 1.09 0.00	31.36 1.03 0.00	35.24 0.92 0.00	31.88 0.90 0.00	33.58 0.75 0.00	30.75 0.80 -0.91	27.74 0.76 -2.34
ATHENS_STG_2 23670	29.55 0.86 0.00	25.82 0.74 0.00	23.04 0.74 0.00	24.17 0.77 0.00	24.22 0.77 0.00	25.77 0.71 0.00	31.37 0.81 0.00	34.24 0.98 0.00	38.36 1.14 -0.01	34.52 0.97 -0.89	33.29 0.94 -0.06	34.28 0.98 0.00	34.26 1.09 0.00	31.24 0.95 -0.47	31.39 1.12 0.00	32.52 1.13 0.00	32.42 1.00 0.00	34.71 1.09 0.00	31.36 1.03 0.00	35.24 0.92 0.00	31.88 0.90 0.00	33.58 0.75 0.00	30.75 0.80 -0.91	27.74 0.76 -2.34

ATHENS_STG_3 23677	29.55 0.86 0.00	25.82 0.74 0.00	23.04 0.74 0.00	24.17 0.77 0.00	24.22 0.77 0.00	25.77 0.71 0.00	31.37 0.81 0.00	34.24 0.98 0.00	38.36 1.14 -0.01	34.52 0.97 -0.89	33.29 0.94 -0.06	34.28 0.98 0.00	34.26 1.09 0.00	31.24 0.95 -0.47	31.39 1.12 0.00	32.52 1.13 0.00	32.42 1.00 0.00	34.71 1.09 0.00	31.36 1.03 0.00	35.24 0.92 0.00	31.88 0.90 0.00	33.58 0.75 0.00	30.75 0.80 -0.91	27.74 0.76 -2.34
AUBURN____LFGE 323710	30.25 0.69 -0.87	25.64 0.55 -0.01	22.72 0.42 0.00	23.94 0.54 0.00	23.91 0.47 0.00	25.66 0.60 0.00	32.57 0.76 -1.25	35.51 0.64 -1.60	38.11 0.89 0.00	33.84 0.85 -0.32	34.49 0.65 -1.56	35.66 0.61 -1.76	35.43 0.50 -1.76	31.84 0.50 -1.52	32.38 0.54 -1.57	33.81 0.70 -1.73	33.99 0.85 -1.73	36.61 1.04 -1.96	32.91 1.01 -1.57	37.51 1.03 -2.15	33.47 0.84 -1.65	35.53 0.79 -1.91	30.59 0.59 -0.96	25.17 0.53 0.00
BABYLON_RES_REC 323704	31.07 2.38 0.00	27.14 2.06 0.00	24.09 1.78 0.00	25.24 1.85 0.00	25.17 1.72 0.00	26.89 1.83 0.00	32.84 2.28 0.00	36.27 3.01 0.00	43.58 3.46 -2.90	39.72 2.81 -4.24	35.80 2.35 -1.17	41.80 2.41 -6.10	43.43 2.48 -7.79	35.38 2.15 -3.41	41.66 2.60 -8.79	48.41 2.36 -14.67	35.92 1.99 -2.52	43.83 1.90 -8.31	38.37 2.18 -5.86	47.93 1.76 -11.84	37.82 2.08 -4.77	43.01 1.93 -8.26	35.39 2.32 -4.02	35.61 2.19 -8.77
BABYLON__69_KV_BK2 356345	31.40 2.71 0.00	27.42 2.34 0.00	24.33 2.02 0.00	25.50 2.11 0.00	25.42 1.97 0.00	27.17 2.11 0.00	33.18 2.62 0.00	36.72 3.44 0.00	48.89 4.02 -7.65	42.02 3.42 -5.94	38.21 2.95 -2.97	54.07 3.13 -17.64	58.17 3.31 -21.70	39.62 2.97 -6.83	58.26 3.31 -24.68	76.13 3.06 -41.69	41.37 2.70 -7.26	60.05 2.68 -23.75	49.93 2.85 -16.75	70.68 2.51 -33.85	47.41 2.82 -13.62	58.98 2.57 -23.58	36.92 2.72 -5.16	36.16 2.54 -8.98
BARON_WINDS____WT_PWR 323822	29.19 0.30 -0.19	25.28 0.20 0.00	22.31 0.00 0.00	23.62 0.22 0.00	23.53 0.08 0.00	25.34 0.28 0.00	31.23 0.39 -0.28	33.87 0.25 -0.36	37.51 0.29 0.00	32.88 0.21 0.00	32.27 -0.02 0.00	33.13 -0.16 0.00	32.91 -0.25 0.00	29.47 -0.35 0.00	29.78 -0.49 0.00	31.01 -0.37 0.00	31.20 -0.21 0.00	33.81 0.19 0.00	30.48 0.16 0.00	34.84 0.51 0.00	31.33 0.35 0.00	33.37 0.54 0.00	29.52 0.48 0.00	24.99 0.35 0.00
BARRETT_IC_1 23704	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_10 23701	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_11 23702	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_12 23703	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_2 23705	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_3 23706	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_4 23707	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_5 23708	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_6 23709	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_7 23710	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.51 0.00	24.95 1.55 0.00	24.88 1.44 0.00	26.58 1.53 0.00	32.44 1.87 0.00	35.64 2.37 0.00	39.89 2.65 -0.02	38.15 2.25 -3.24	34.52 2.05 -0.18	35.43 2.13 0.00	35.79 2.35 -0.27	33.57 2.14 -1.61	32.91 2.42 -0.23	33.43 2.19 0.15	32.78 1.81 0.45	35.40 1.79 0.00	32.35 2.02 0.00	36.04 1.72 0.00	32.89 1.92 0.00	34.56 1.73 0.00	34.41 1.99 -3.38	35.18 1.88 -8.66

BARRETT_IC_8 23711	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT_IC_9 23700	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT___1 23545	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BARRETT___2 23546	30.75 2.06 0.00	26.83 1.76 0.00	23.82 1.52 0.00	24.95 1.56 0.00	24.88 1.43 0.00	26.58 1.52 0.00	32.44 1.87 0.00	35.63 2.36 0.00	39.87 2.64 -0.02	38.13 2.23 -3.24	34.51 2.04 -0.18	35.43 2.13 0.00	35.78 2.35 -0.27	33.53 2.10 -1.62	32.90 2.40 -0.23	33.42 2.18 0.14	32.74 1.78 0.45	35.38 1.77 0.01	32.35 2.02 0.00	36.05 1.72 0.00	32.89 1.92 0.00	34.55 1.71 0.00	34.41 1.99 -3.39	35.18 1.88 -8.66
BATAVIA___115KV_TB1 55881	29.65 0.96 0.00	26.02 0.94 0.00	22.96 0.65 0.00	24.06 0.66 0.00	24.00 0.55 0.00	25.89 0.83 0.00	31.57 1.01 0.00	33.50 0.23 0.00	37.43 0.21 0.00	32.91 0.25 0.00	32.07 -0.21 0.00	32.84 -0.46 0.00	32.66 -0.50 0.00	29.31 -0.51 0.00	29.61 -0.66 0.00	30.81 -0.58 0.00	31.26 -0.15 0.00	34.40 0.78 0.00	31.23 0.91 0.00	35.56 1.24 0.00	31.91 0.94 0.00	33.80 0.97 0.00	29.67 0.63 0.00	25.21 0.57 0.00
BAYONEEC___CTG1 323682	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG10 323750	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG2 323683	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG3 323684	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG4 323685	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG5 323686	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG6 323687	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG7 323688	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG8 323689	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73
BAYONEEC___CTG9 323749	30.61 1.92 0.00	26.67 1.59 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.77 1.32 0.00	26.47 1.42 0.00	32.32 1.76 0.00	35.48 2.22 0.00	39.78 2.54 -0.02	38.18 2.25 -3.26	34.66 2.19 -0.18	35.04 2.27 0.53	34.64 2.37 0.89	33.48 2.05 -1.62	32.54 2.26 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.47 2.15 0.30	32.38 2.05 0.01	34.53 1.95 1.75	32.79 1.82 0.01	33.45 1.76 1.14	34.25 1.80 -3.41	35.01 1.64 -8.73

BEACON___LESR 323632	29.75 1.06 0.00	25.97 0.90 0.00	23.19 0.88 0.00	24.29 0.89 0.00	24.39 0.94 0.00	25.89 0.83 0.00	31.51 0.94 0.00	34.38 1.11 0.00	38.44 1.25 0.02	33.99 1.00 -0.33	33.15 1.07 0.20	34.38 1.09 0.00	34.20 1.04 0.00	31.28 1.00 -0.46	31.39 1.11 0.00	32.62 1.24 0.00	32.57 1.16 0.00	34.88 1.27 0.00	31.43 1.10 0.00	35.44 1.11 0.00	32.00 1.02 0.00	33.66 0.84 0.00	30.60 0.78 -0.78	27.47 0.82 -2.01
BEAVER RIVER___HYD 24048	29.20 -0.02 -0.53	24.63 -0.45 -0.01	21.70 -0.61 0.00	22.97 -0.43 0.00	23.36 -0.09 0.00	25.15 0.09 0.00	31.40 0.07 -0.76	34.91 0.67 -0.98	37.90 0.68 0.00	33.43 0.56 -0.20	33.68 0.43 -0.96	34.90 0.53 -1.08	34.64 0.40 -1.08	31.20 0.45 -0.94	31.48 0.23 -0.97	32.34 -0.11 -1.07	32.48 -0.01 -1.07	35.03 0.21 -1.21	31.36 0.06 -0.97	35.78 0.13 -1.33	32.25 0.26 -1.02	34.53 0.52 -1.18	29.94 0.30 -0.59	24.67 0.03 0.00
BEEBEE_GT_13 23619	29.13 0.44 0.00	25.54 0.46 0.00	22.56 0.26 0.00	23.66 0.27 0.00	23.63 0.18 0.00	25.42 0.36 0.00	31.00 0.44 0.00	33.21 -0.06 0.00	37.07 -0.14 0.00	32.65 -0.01 0.00	31.97 -0.31 0.00	32.76 -0.53 0.00	32.66 -0.50 0.00	29.33 -0.49 0.00	29.68 -0.59 0.00	30.87 -0.51 0.00	31.21 -0.20 0.00	34.08 0.46 0.00	30.85 0.53 0.00	35.01 0.68 0.00	31.41 0.43 0.00	33.24 0.41 0.00	29.25 0.21 0.00	24.84 0.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.12 2.42 -0.01	27.11 2.03 -0.01	24.05 1.75 0.00	25.15 1.75 0.00	25.09 1.65 0.00	26.78 1.72 0.00	32.70 2.14 0.00	36.02 2.76 0.00	40.44 3.20 -0.02	38.75 2.82 -3.26	35.21 2.75 -0.18	36.11 2.81 0.00	36.05 2.89 0.00	33.94 2.50 -1.62	32.95 2.68 0.00	34.01 2.63 0.00	33.82 2.41 0.00	36.15 2.54 0.00	32.79 2.46 0.00	36.72 2.39 0.00	33.23 2.25 0.00	35.06 2.23 0.00	34.70 2.25 -3.41	35.33 1.96 -8.73
BETHLEHEM___GRP 23843	29.30 0.61 0.00	25.66 0.58 0.00	22.92 0.61 0.00	24.03 0.63 0.00	24.08 0.64 0.00	25.46 0.40 0.00	30.94 0.38 0.00	33.72 0.45 0.00	37.72 0.53 0.02	33.44 0.44 -0.34	32.52 0.43 0.19	33.70 0.40 0.00	33.66 0.50 0.00	30.75 0.47 -0.46	30.91 0.64 0.00	32.07 0.68 0.00	31.96 0.55 0.00	34.18 0.56 0.00	30.83 0.51 0.00	34.69 0.37 0.00	31.38 0.40 0.00	33.02 0.19 0.00	30.12 0.30 -0.78	27.05 0.41 -2.00
BETHLEHEM___GS1 323560	29.30 0.61 0.00	25.66 0.58 0.00	22.92 0.61 0.00	24.03 0.63 0.00	24.08 0.64 0.00	25.45 0.39 0.00	30.94 0.38 0.00	33.72 0.45 0.00	37.73 0.53 0.02	33.44 0.43 -0.34	32.52 0.43 0.19	33.69 0.40 0.00	33.66 0.50 0.00	30.75 0.47 -0.46	30.91 0.64 0.00	32.07 0.69 0.00	31.96 0.54 0.00	34.18 0.56 0.00	30.83 0.51 0.00	34.70 0.37 0.00	31.38 0.40 0.00	33.02 0.19 0.00	30.12 0.30 -0.78	27.05 0.41 -2.00
BETHLEHEM___GS2 323561	29.30 0.61 0.00	25.66 0.58 0.00	22.92 0.61 0.00	24.03 0.63 0.00	24.08 0.64 0.00	25.45 0.39 0.00	30.94 0.38 0.00	33.72 0.45 0.00	37.73 0.53 0.02	33.44 0.43 -0.34	32.52 0.43 0.19	33.69 0.40 0.00	33.66 0.50 0.00	30.75 0.47 -0.46	30.91 0.64 0.00	32.07 0.69 0.00	31.96 0.54 0.00	34.18 0.56 0.00	30.83 0.51 0.00	34.70 0.37 0.00	31.38 0.40 0.00	33.02 0.19 0.00	30.12 0.30 -0.78	27.05 0.41 -2.00
BETHLEHEM___GS3 323562	29.30 0.61 0.00	25.66 0.58 0.00	22.92 0.61 0.00	24.03 0.63 0.00	24.08 0.64 0.00	25.45 0.39 0.00	30.94 0.38 0.00	33.72 0.45 0.00	37.73 0.53 0.02	33.44 0.43 -0.34	32.52 0.43 0.19	33.69 0.40 0.00	33.66 0.50 0.00	30.75 0.47 -0.46	30.91 0.64 0.00	32.07 0.69 0.00	31.96 0.54 0.00	34.18 0.56 0.00	30.83 0.51 0.00	34.70 0.37 0.00	31.38 0.40 0.00	33.02 0.19 0.00	30.12 0.30 -0.78	27.05 0.41 -2.00
BETHLEHEM___STEEL 23779	29.14 0.45 0.00	25.59 0.52 0.00	22.57 0.27 0.00	23.70 0.30 0.00	23.60 0.16 0.00	25.49 0.43 0.00	31.09 0.53 0.00	33.00 -0.27 0.00	36.75 -0.46 0.00	32.36 -0.30 0.00	31.55 -0.73 0.00	32.30 -1.00 0.00	32.08 -1.08 0.00	28.77 -1.05 0.00	29.11 -1.17 0.00	30.38 -1.01 0.00	30.86 -0.56 0.00	33.89 0.28 0.00	30.67 0.35 0.00	34.93 0.60 0.00	31.29 0.31 0.00	33.19 0.36 0.00	29.22 0.17 0.00	24.86 0.22 0.00
BETHLHEM_115KV_TB1 79974	29.35 0.65 0.00	25.69 0.62 0.00	22.94 0.64 0.00	24.05 0.65 0.00	24.12 0.67 0.00	25.52 0.46 0.00	31.03 0.47 0.00	33.81 0.55 0.00	37.84 0.64 0.02	33.56 0.53 -0.36	32.61 0.50 0.18	33.79 0.49 0.00	33.74 0.58 0.00	30.82 0.54 -0.46	30.98 0.71 0.00	32.13 0.75 0.00	32.03 0.62 0.00	34.26 0.64 0.00	30.91 0.58 0.00	34.78 0.46 0.00	31.46 0.49 0.00	33.10 0.27 0.00	30.20 0.38 -0.78	27.11 0.47 -1.99
BETHPAGE_CC_5 323564	30.98 2.29 0.00	27.09 2.01 0.00	24.04 1.74 0.00	25.19 1.79 0.00	25.12 1.67 0.00	26.83 1.77 0.00	32.76 2.20 0.00	36.09 2.82 0.00	42.05 3.25 -1.58	39.23 2.80 -3.77	35.42 2.51 -0.63	38.49 2.65 -2.54	39.53 2.81 -3.56	34.66 2.50 -2.34	37.04 2.82 -3.95	40.44 2.56 -6.49	34.70 2.21 -1.07	39.43 2.20 -3.62	35.26 2.38 -2.55	41.54 2.07 -5.14	35.33 2.28 -2.08	38.42 2.00 -3.59	34.90 2.17 -3.69	35.39 2.05 -8.71
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.22 0.53 0.00	25.64 0.57 0.00	22.63 0.32 0.00	23.75 0.35 0.00	23.65 0.20 0.00	25.54 0.48 0.00	31.17 0.60 0.00	33.11 -0.15 0.00	36.90 -0.31 0.00	32.49 -0.18 0.00	31.68 -0.60 0.00	32.44 -0.86 0.00	32.23 -0.93 0.00	28.91 -0.91 0.00	29.25 -1.02 0.00	30.52 -0.87 0.00	30.99 -0.43 0.00	34.03 0.41 0.00	30.78 0.45 0.00	35.05 0.72 0.00	31.40 0.43 0.00	33.31 0.48 0.00	29.32 0.28 0.00	24.93 0.29 0.00
BINGHAMTON___COGEN 23790	29.48 0.42 -0.37	25.38 0.30 0.00	22.52 0.21 0.00	23.68 0.28 0.00	23.63 0.18 0.00	25.36 0.30 0.00	31.55 0.45 -0.53	34.46 0.51 -0.68	37.86 0.64 0.00	33.29 0.49 -0.13	33.31 0.39 -0.63	34.41 0.39 -0.71	34.28 0.40 -0.71	30.78 0.34 -0.62	31.27 0.35 -0.64	32.53 0.44 -0.71	32.66 0.54 -0.71	35.22 0.81 -0.80	31.68 0.71 -0.64	35.96 0.76 -0.87	32.25 0.60 -0.67	34.18 0.57 -0.78	29.91 0.48 -0.39	24.98 0.34 0.00
BIXINCNT_115KV_LOAD 355685	29.39 0.70 0.00	25.56 0.49 0.00	22.64 0.33 0.00	23.73 0.33 0.00	23.57 0.12 0.00	25.50 0.44 0.00	31.26 0.70 0.00	33.55 0.29 0.00	37.53 0.31 0.00	33.01 0.34 0.00	32.15 -0.14 0.00	32.84 -0.45 0.00	32.59 -0.57 0.00	29.18 -0.63 0.00	29.39 -0.89 0.00	30.49 -0.89 0.00	30.82 -0.60 0.00	33.75 0.14 0.00	30.60 0.27 0.00	35.03 0.70 0.00	31.51 0.53 0.00	33.55 0.72 0.00	29.58 0.54 0.00	25.11 0.46 0.00
BLACK RIVER___HYD 24047	29.73 0.21 -0.83	24.83 -0.26 -0.01	21.96 -0.34 0.00	23.16 -0.23 0.00	23.52 0.08 0.00	25.35 0.29 0.00	32.10 0.33 -1.20	35.90 1.09 -1.54	38.31 1.09 0.00	33.94 0.96 -0.32	34.59 0.78 -1.53	35.88 0.86 -1.72	35.65 0.77 -1.72	32.09 0.78 -1.49	32.26 0.44 -1.54	33.10 0.01 -1.70	33.29 0.17 -1.70	36.03 0.49 -1.92	32.19 0.32 -1.54	36.90 0.47 -2.11	33.31 0.71 -1.62	35.61 0.91 -1.87	30.59 0.60 -0.95	24.91 0.27 0.00

BLACKRVR_115KV_TB2 79977	29.73 0.21 -0.83	24.83 -0.26 -0.01	21.97 -0.34 0.00	23.16 -0.23 0.00	23.52 0.08 0.00	25.34 0.29 0.00	32.09 0.33 -1.20	35.90 1.09 -1.54	38.31 1.10 0.00	33.94 0.96 -0.32	34.59 0.77 -1.53	35.88 0.86 -1.72	35.65 0.77 -1.72	32.09 0.78 -1.49	32.26 0.44 -1.54	33.10 0.01 -1.70	33.28 0.17 -1.70	36.03 0.49 -1.92	32.18 0.32 -1.54	36.91 0.47 -2.11	33.31 0.71 -1.62	35.61 0.91 -1.87	30.59 0.60 -0.95	24.91 0.27 0.00
BLISS_WT_PWR 323608	29.42 0.73 0.00	25.54 0.46 0.00	22.64 0.33 0.00	23.73 0.33 0.00	23.55 0.11 0.00	25.51 0.45 0.00	31.27 0.71 0.00	33.58 0.31 0.00	37.55 0.33 0.00	33.07 0.41 0.00	32.20 -0.08 0.00	32.86 -0.44 0.00	32.61 -0.55 0.00	29.20 -0.61 0.00	29.38 -0.90 0.00	30.42 -0.96 0.00	30.72 -0.69 0.00	33.64 0.03 0.00	30.55 0.22 0.00	35.00 0.67 0.00	31.54 0.56 0.00	33.59 0.76 0.00	29.61 0.57 0.00	25.13 0.48 0.00
BLUE_CIRC_CHEM_DRP 24182	29.63 0.93 0.00	25.95 0.88 0.00	23.18 0.87 0.00	24.30 0.90 0.00	24.37 0.92 0.00	25.86 0.80 0.00	31.45 0.89 0.00	34.22 0.95 0.00	38.26 1.06 0.02	33.95 0.90 -0.39	32.99 0.84 0.13	34.06 0.76 0.00	33.98 0.82 0.00	30.99 0.76 -0.41	31.21 0.94 0.00	32.39 1.00 0.00	32.30 0.88 0.00	34.55 0.94 0.00	31.19 0.86 0.00	35.14 0.81 0.00	31.78 0.81 0.00	33.44 0.61 0.00	30.42 0.66 -0.72	27.24 0.75 -1.85
BOC_GAS_DRP 24189	29.41 0.71 0.00	25.74 0.66 0.00	22.98 0.67 0.00	24.09 0.69 0.00	24.15 0.71 0.00	25.66 0.60 0.00	31.22 0.66 0.00	34.01 0.75 0.00	38.06 0.86 0.02	33.82 0.73 -0.43	32.84 0.69 0.13	33.95 0.66 0.00	33.91 0.75 0.00	30.93 0.67 -0.44	31.10 0.83 0.00	32.24 0.85 0.00	32.15 0.73 0.00	34.40 0.78 0.00	31.05 0.72 0.00	34.96 0.63 0.00	31.62 0.64 0.00	33.31 0.48 0.00	30.35 0.55 -0.76	27.19 0.60 -1.95
BOONVILLE_115KV_TB1 79983	29.48 0.59 -0.19	25.41 0.33 0.00	22.52 0.21 0.00	23.70 0.31 0.00	23.87 0.42 0.00	25.58 0.52 0.00	31.53 0.69 -0.28	34.58 0.95 -0.36	38.33 1.11 0.00	33.68 0.95 -0.07	33.49 0.88 -0.33	34.78 1.11 -0.37	34.55 1.02 -0.37	31.05 0.91 -0.32	31.45 0.84 -0.33	32.54 0.79 -0.37	32.58 0.80 -0.37	35.12 1.09 -0.42	31.60 0.94 -0.33	35.79 1.01 -0.46	32.22 0.90 -0.35	34.19 0.96 -0.40	29.98 0.73 -0.20	25.15 0.51 0.00
BORALEX_4TH_BRANCH 23824	30.05 1.36 0.00	26.33 1.26 0.00	23.58 1.27 0.00	24.73 1.33 0.00	24.83 1.39 0.00	26.46 1.40 0.00	32.18 1.61 0.00	34.86 1.60 0.00	38.91 1.74 0.05	34.00 1.37 0.03	33.15 1.32 0.46	34.64 1.35 0.00	34.72 1.56 0.00	31.80 1.46 -0.53	31.98 1.70 0.00	33.22 1.84 0.00	33.18 1.76 0.00	35.47 1.86 0.00	31.94 1.62 0.00	35.99 1.66 0.00	32.52 1.54 0.00	34.23 1.40 0.00	31.30 1.39 -0.86	28.22 1.37 -2.21
BOWLINE___1 23526	30.10 1.41 0.00	26.25 1.18 0.00	23.37 1.07 0.00	24.52 1.12 0.00	24.48 1.04 0.00	26.15 1.09 0.00	31.89 1.32 0.00	34.96 1.70 0.00	39.22 1.98 -0.02	30.47 1.73 3.91	34.16 1.70 -0.17	35.11 1.81 0.00	35.11 1.95 0.00	29.72 1.71 1.80	32.21 1.94 0.00	33.33 1.94 0.00	33.20 1.79 0.00	35.58 1.96 0.00	32.19 1.86 0.00	36.07 1.74 0.00	32.60 1.62 0.00	34.33 1.50 0.00	25.66 1.49 4.87	13.47 1.30 12.47
BOWLINE___2 23595	30.06 1.37 0.00	26.22 1.15 0.00	23.35 1.05 0.00	24.51 1.11 0.00	24.47 1.03 0.00	26.13 1.07 0.00	31.84 1.27 0.00	34.90 1.64 0.00	39.15 1.91 -0.02	30.42 1.68 3.92	34.11 1.65 -0.17	35.06 1.76 0.00	35.06 1.90 0.00	29.67 1.66 1.80	32.15 1.88 0.00	33.27 1.88 0.00	33.14 1.73 0.00	35.51 1.90 0.00	32.13 1.81 0.00	36.00 1.68 0.00	32.54 1.56 0.00	34.27 1.44 0.00	25.60 1.44 4.87	13.42 1.26 12.48
BRADY___115KV_TB2 356060	28.61 -0.08 0.00	25.03 -0.05 0.00	22.19 -0.12 0.00	23.25 -0.14 0.00	23.36 -0.09 0.00	25.06 0.01 0.00	30.63 0.06 0.00	33.36 0.10 0.00	37.34 0.12 0.00	32.66 0.00 0.00	32.30 0.02 0.00	33.46 0.17 0.00	33.24 0.08 0.00	29.95 0.13 0.00	30.16 -0.11 0.00	31.18 -0.20 0.00	31.38 -0.04 0.00	33.42 -0.20 0.00	30.07 -0.25 0.00	34.26 -0.07 0.00	30.95 -0.02 0.00	33.05 0.21 0.00	29.13 0.08 0.00	24.62 -0.02 0.00
BRANSCOMB___SOLAR 323811	30.23 1.54 0.00	26.44 1.36 0.00	23.57 1.26 0.00	24.69 1.29 0.00	24.77 1.32 0.00	26.39 1.33 0.00	32.15 1.58 0.00	35.02 1.76 0.00	39.13 1.95 0.03	34.44 1.53 -0.24	33.47 1.43 0.24	34.65 1.36 0.00	34.71 1.55 0.00	31.71 1.43 -0.46	31.94 1.66 0.00	33.22 1.84 0.00	33.33 1.91 0.00	35.72 2.11 0.00	32.16 1.83 0.00	36.25 1.92 0.00	32.77 1.80 0.00	34.42 1.59 0.00	31.25 1.44 -0.77	27.93 1.32 -1.97
BRENTWOD_69_KV_W. BRTWOOD 56703	31.11 2.42 0.00	27.19 2.12 0.00	24.13 1.83 0.00	25.32 1.92 0.00	25.24 1.80 0.00	26.97 1.91 0.00	32.90 2.34 0.00	36.43 3.15 0.00	50.13 3.69 -9.22	42.23 3.11 -6.46	38.10 2.48 -3.34	55.40 2.54 -19.57	60.28 2.75 -24.37	39.65 2.46 -7.37	60.75 2.80 -27.67	80.98 2.56 -47.03	41.75 2.21 -8.12	62.41 2.13 -26.67	51.50 2.37 -18.80	74.24 1.94 -37.98	48.68 2.41 -15.29	61.41 2.10 -26.47	36.82 2.35 -5.44	35.97 2.31 -9.02
BRISTLHL_115KV_TB1 79998	30.02 -0.41 -1.74	24.72 -0.38 -0.02	21.95 -0.36 0.00	23.03 -0.37 0.00	23.05 -0.40 0.00	24.67 -0.39 0.00	32.60 -0.47 -2.51	35.94 -0.54 -3.22	36.61 -0.61 0.00	32.83 -0.50 -0.67	35.05 -0.46 -3.23	36.42 -0.52 -3.64	36.33 -0.47 -3.64	32.54 -0.43 -3.15	33.05 -0.48 -3.25	34.54 -0.44 -3.59	34.63 -0.37 -3.59	37.43 -0.24 -4.06	33.35 -0.23 -3.26	38.52 -0.26 -4.45	34.14 -0.26 -3.42	36.44 -0.35 -3.96	30.67 -0.37 -2.00	24.31 -0.33 0.00
BROOKHAVEN___DRP 24191	30.91 2.22 0.00	26.98 1.91 0.00	23.97 1.66 0.00	25.18 1.79 0.00	25.12 1.68 0.00	26.82 1.76 0.00	32.80 2.23 0.00	36.65 3.36 -0.03	77.28 3.87 -36.19	52.03 3.30 -16.06	48.69 2.87 -13.53	121.01 2.99 -84.72	139.32 3.14 -103.02	59.42 2.88 -26.72	150.96 3.18 -117.51	238.06 2.98 -203.70	130.45 2.71 -96.32	154.09 2.66 -117.81	133.06 2.86 -99.87	233.57 2.47 -196.77	142.10 2.80 -108.32	160.14 2.51 -124.80	43.60 2.65 -11.90	37.38 2.54 -10.21
BROOKLYN_NAVY_YARD 23515	30.63 1.94 0.00	26.68 1.60 0.00	23.71 1.40 0.00	24.82 1.43 0.00	24.78 1.33 0.00	26.47 1.41 0.00	32.33 1.76 0.00	35.52 2.25 0.00	39.85 2.61 -0.02	38.23 2.30 -3.26	34.71 2.24 -0.18	35.61 2.32 0.00	35.58 2.42 0.00	33.52 2.09 -1.62	32.58 2.30 0.00	33.65 2.27 0.00	33.46 2.04 0.00	35.83 2.22 0.00	32.44 2.11 0.00	36.34 2.01 0.00	32.85 1.87 0.00	34.64 1.81 0.00	34.29 1.84 -3.41	35.02 1.65 -8.73
BROOKLYN___ARMY_DRP 323595	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73

BROOKVLE_69_KV_TB1 55790	30.97 2.28 0.00	27.02 1.95 0.00	23.99 1.69 0.00	25.13 1.73 0.00	25.08 1.63 0.00	26.79 1.73 0.00	32.71 2.15 0.00	35.99 2.73 0.00	40.39 3.15 -0.02	38.70 2.80 -3.24	35.16 2.70 -0.18	36.10 2.80 0.00	36.36 2.93 -0.27	34.09 2.66 -1.61	33.41 2.91 -0.23	34.11 2.73 0.01	33.75 2.36 0.02	36.05 2.44 0.00	32.80 2.47 0.00	36.61 2.28 0.00	33.30 2.32 0.00	34.95 2.12 0.00	34.65 2.23 -3.38	35.32 2.02 -8.66
BROOME_2_LFGE 323671	29.48 0.42 -0.37	25.38 0.30 0.00	22.52 0.21 0.00	23.68 0.28 0.00	23.63 0.18 0.00	25.36 0.29 0.00	31.55 0.45 -0.53	34.46 0.51 -0.68	37.85 0.64 0.00	33.29 0.49 -0.13	33.31 0.39 -0.63	34.40 0.39 -0.71	34.27 0.40 -0.71	30.78 0.34 -0.62	31.27 0.36 -0.64	32.52 0.43 -0.71	32.66 0.54 -0.71	35.22 0.80 -0.80	31.68 0.71 -0.64	35.96 0.76 -0.87	32.25 0.60 -0.67	34.18 0.57 -0.78	29.91 0.48 -0.39	24.98 0.34 0.00
BROOME___LFGE 323600	29.48 0.42 -0.37	25.38 0.30 0.00	22.52 0.21 0.00	23.68 0.28 0.00	23.63 0.18 0.00	25.36 0.29 0.00	31.55 0.45 -0.53	34.46 0.51 -0.68	37.85 0.64 0.00	33.29 0.49 -0.13	33.31 0.39 -0.63	34.40 0.39 -0.71	34.27 0.40 -0.71	30.78 0.34 -0.62	31.27 0.36 -0.64	32.52 0.43 -0.71	32.66 0.54 -0.71	35.22 0.80 -0.80	31.68 0.71 -0.64	35.96 0.76 -0.87	32.25 0.60 -0.67	34.18 0.57 -0.78	29.91 0.48 -0.39	24.98 0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	28.62 -0.43 -0.36	24.45 -0.63 0.00	21.59 -0.72 0.00	22.76 -0.64 0.00	23.04 -0.41 0.00	24.78 -0.28 0.00	30.73 -0.35 -0.52	33.92 -0.02 -0.67	37.18 -0.04 0.00	32.73 -0.07 -0.14	32.81 -0.14 -0.66	33.96 -0.08 -0.74	33.72 -0.18 -0.74	30.35 -0.10 -0.64	30.65 -0.28 -0.67	31.57 -0.55 -0.73	31.72 -0.43 -0.73	34.05 -0.40 -0.83	30.52 -0.47 -0.67	34.83 -0.41 -0.91	31.40 -0.28 -0.70	33.59 -0.05 -0.81	29.27 -0.18 -0.41	24.30 -0.34 0.00
BROWNSV1_27_KV_LOAD 356125	31.06 2.37 0.00	27.06 1.98 0.00	24.03 1.72 0.00	25.16 1.76 0.00	25.11 1.66 0.00	26.83 1.77 0.00	32.78 2.22 0.00	36.02 2.75 0.00	40.41 3.17 -0.02	38.74 2.82 -3.26	35.22 2.75 -0.18	36.15 2.85 0.00	36.12 2.96 0.00	34.00 2.56 -1.62	33.04 2.76 0.00	34.13 2.74 0.00	33.95 2.53 0.00	36.36 2.75 0.00	32.92 2.59 0.00	36.89 2.56 0.00	33.35 2.37 0.00	35.16 2.33 0.00	34.74 2.29 -3.41	35.39 2.01 -8.73
BURROWS___LYONSDAL 23803	29.37 0.40 -0.28	25.14 0.06 0.00	22.22 -0.09 0.00	23.46 0.06 0.00	23.71 0.26 0.00	25.45 0.39 0.00	31.44 0.49 -0.40	34.63 0.85 -0.51	38.20 0.98 0.00	33.60 0.83 -0.10	33.51 0.75 -0.48	34.78 0.94 -0.54	34.54 0.84 -0.54	31.06 0.77 -0.47	31.44 0.68 -0.48	32.46 0.54 -0.53	32.52 0.57 -0.54	35.06 0.84 -0.61	31.50 0.69 -0.48	35.73 0.74 -0.66	32.17 0.68 -0.51	34.24 0.82 -0.59	29.94 0.60 -0.30	24.99 0.35 0.00
CAITHNESS_CC_1 323624	30.85 2.17 0.00	26.94 1.87 0.00	23.94 1.64 0.00	25.14 1.74 0.00	25.07 1.63 0.00	26.76 1.70 0.00	32.72 2.16 0.00	36.47 3.18 -0.03	77.38 3.65 -36.52	51.92 3.10 -16.17	48.54 2.68 -13.58	120.95 2.79 -84.87	139.42 2.96 -103.30	59.23 2.66 -26.75	151.08 2.99 -117.81	234.58 2.81 -200.39	68.84 2.48 -34.94	150.27 2.46 -114.20	113.53 2.68 -80.52	199.35 2.28 -162.74	99.06 2.61 -65.47	148.50 2.31 -113.36	43.46 2.48 -11.94	37.25 2.40 -10.21
CALPINE BETH_PAGE_GT4 24209	30.94 2.25 0.00	27.09 2.02 0.00	24.03 1.73 0.00	25.19 1.79 0.00	25.12 1.67 0.00	26.84 1.78 0.00	32.75 2.19 0.00	36.01 2.74 0.00	41.57 3.17 -1.18	39.04 2.75 -3.63	35.28 2.48 -0.51	37.81 2.61 -1.90	38.64 2.76 -2.72	34.44 2.47 -2.16	36.03 2.76 -3.00	38.71 2.49 -4.83	34.36 2.16 -0.79	38.44 2.13 -2.70	34.54 2.31 -1.90	40.16 1.99 -3.84	34.72 2.20 -1.55	37.45 1.94 -2.68	34.74 2.09 -3.61	35.31 1.98 -8.69
CALPINE_BETH_PAGE_GT_4 323586	30.94 2.25 0.00	27.09 2.02 0.00	24.04 1.74 0.00	25.19 1.79 0.00	25.12 1.67 0.00	26.83 1.77 0.00	32.75 2.19 0.00	36.01 2.74 0.00	41.55 3.15 -1.18	39.03 2.74 -3.63	35.28 2.48 -0.51	37.81 2.61 -1.90	38.64 2.75 -2.72	34.41 2.44 -2.16	36.02 2.74 -3.00	38.70 2.48 -4.84	34.34 2.13 -0.79	38.42 2.11 -2.70	34.54 2.30 -1.90	40.16 2.00 -3.84	34.72 2.20 -1.55	37.44 1.92 -2.68	34.74 2.09 -3.61	35.31 1.97 -8.69
CALPINE_BP_GT1 23823	30.94 2.25 0.00	27.09 2.02 0.00	24.04 1.74 0.00	25.19 1.79 0.00	25.12 1.67 0.00	26.83 1.77 0.00	32.75 2.19 0.00	36.01 2.74 0.00	41.55 3.15 -1.18	39.03 2.74 -3.63	35.28 2.48 -0.51	37.81 2.61 -1.90	38.64 2.75 -2.72	34.41 2.44 -2.16	36.02 2.74 -3.00	38.70 2.48 -4.84	34.34 2.13 -0.79	38.42 2.11 -2.70	34.54 2.30 -1.90	40.16 2.00 -3.84	34.72 2.20 -1.55	37.44 1.92 -2.68	34.74 2.09 -3.61	35.31 1.97 -8.69
CALSPAN___DRP 24200	29.14 0.45 0.00	25.59 0.52 0.00	22.57 0.27 0.00	23.70 0.30 0.00	23.60 0.16 0.00	25.49 0.43 0.00	31.09 0.53 0.00	33.00 -0.27 0.00	36.75 -0.46 0.00	32.36 -0.30 0.00	31.55 -0.73 0.00	32.30 -1.00 0.00	32.08 -1.08 0.00	28.77 -1.05 0.00	29.11 -1.17 0.00	30.38 -1.01 0.00	30.86 -0.56 0.00	33.89 0.28 0.00	30.67 0.35 0.00	34.93 0.60 0.00	31.29 0.31 0.00	33.19 0.36 0.00	29.22 0.17 0.00	24.86 0.22 0.00
CALVERTON___SOLAR 323806	31.01 2.32 0.00	27.07 1.99 0.00	24.05 1.74 0.00	25.27 1.88 0.00	25.21 1.77 0.00	26.91 1.85 0.00	32.93 2.37 0.00	36.85 3.56 -0.03	77.41 4.11 -36.09	52.22 3.53 -16.03	48.91 3.10 -13.52	121.25 3.24 -84.71	139.47 3.36 -102.96	59.59 3.06 -26.72	151.09 3.37 -117.44	237.86 3.19 -203.28	126.31 2.92 -91.98	153.99 2.91 -117.47	131.86 3.09 -98.44	231.32 2.75 -194.25	139.27 3.05 -105.25	159.48 2.75 -123.91	43.80 2.87 -11.89	37.56 2.71 -10.20
CANDIGU_WT_PWR 323617	29.19 0.30 -0.19	25.28 0.20 0.00	22.31 0.00 0.00	23.62 0.22 0.00	23.53 0.08 0.00	25.34 0.28 0.00	31.23 0.39 -0.28	33.87 0.25 -0.36	37.51 0.29 0.00	32.88 0.21 0.00	32.27 -0.02 0.00	33.13 -0.16 0.00	32.91 -0.25 0.00	29.47 -0.35 0.00	29.78 -0.49 0.00	31.01 -0.37 0.00	31.20 -0.21 0.00	33.81 0.19 0.00	30.48 0.16 0.00	34.84 0.51 0.00	31.33 0.35 0.00	33.37 0.54 0.00	29.52 0.48 0.00	24.99 0.35 0.00
CARR STREET_E_SYR 24060	29.09 -0.13 -0.52	24.95 -0.13 -0.01	22.16 -0.15 0.00	23.25 -0.14 0.00	23.26 -0.19 0.00	24.92 -0.14 0.00	31.16 -0.15 -0.75	34.01 -0.21 -0.96	37.05 -0.16 0.00	32.74 -0.11 -0.19	33.01 -0.16 -0.89	34.15 -0.16 -1.01	34.02 -0.15 -1.01	30.55 -0.14 -0.87	31.02 -0.16 -0.90	32.26 -0.11 -1.00	32.36 -0.04 -1.00	34.85 0.11 -1.13	31.34 0.10 -0.90	35.64 0.08 -1.24	31.95 0.02 -0.95	33.87 -0.06 -1.10	29.47 -0.13 -0.55	24.49 -0.15 0.00
CARTHAGE___PAPER 23857	29.63 0.22 -0.72	24.83 -0.25 -0.01	21.92 -0.39 0.00	23.16 -0.23 0.00	23.53 0.09 0.00	25.36 0.30 0.00	31.93 0.33 -1.03	35.61 1.02 -1.32	38.24 1.03 0.00	33.77 0.84 -0.27	34.26 0.66 -1.31	35.56 0.78 -1.47	35.31 0.68 -1.48	31.83 0.74 -1.28	32.05 0.45 -1.32	32.85 0.01 -1.46	33.02 0.15 -1.46	35.72 0.46 -1.65	31.95 0.30 -1.32	36.57 0.44 -1.81	32.99 0.63 -1.39	35.31 0.88 -1.60	30.44 0.59 -0.81	24.89 0.25 0.00

CASSADAGA_WT_PWR 323784	29.82 1.13 0.00	25.99 0.92 0.00	22.78 0.47 0.00	24.04 0.64 0.00	24.01 0.56 0.00	26.07 1.01 0.00	31.95 1.39 0.00	34.28 1.02 0.00	38.32 1.10 0.00	33.70 1.04 0.00	32.94 0.65 0.00	33.71 0.41 0.00	33.36 0.20 0.00	29.94 0.12 0.00	29.95 -0.32 0.00	31.11 -0.27 0.00	31.86 0.45 0.00	34.99 1.38 0.00	31.76 1.43 0.00	36.30 1.97 0.00	32.52 1.54 0.00	34.50 1.67 0.00	30.30 1.26 0.00	25.63 0.99 0.00
CE_DUNWOOD___DRP 24194	30.41 1.71 0.00	26.51 1.43 0.00	23.58 1.28 0.00	24.71 1.32 0.00	24.68 1.23 0.00	26.36 1.30 0.00	32.16 1.60 0.00	35.29 2.02 0.00	39.59 2.35 -0.02	38.17 2.06 -3.45	34.48 2.01 -0.18	35.40 2.10 0.00	35.39 2.23 0.00	33.43 1.95 -1.66	32.43 2.16 0.00	33.52 2.14 0.00	33.37 1.95 0.00	35.73 2.12 0.00	32.35 2.02 0.00	36.25 1.92 0.00	32.77 1.80 0.00	34.53 1.70 0.00	34.36 1.69 -3.62	35.43 1.51 -9.28
CE_MILLWOOD___DRP 24193	30.32 1.62 0.00	26.43 1.36 0.00	23.52 1.22 0.00	24.65 1.25 0.00	24.62 1.17 0.00	26.30 1.24 0.00	32.08 1.51 0.00	35.18 1.92 0.00	39.48 2.24 -0.02	38.20 1.95 -3.58	34.38 1.91 -0.18	35.31 2.01 0.00	35.30 2.14 0.00	33.37 1.87 -1.68	32.36 2.09 0.00	33.45 2.07 0.00	33.31 1.89 0.00	35.68 2.06 0.00	32.28 1.96 0.00	36.19 1.86 0.00	32.71 1.73 0.00	34.46 1.63 0.00	34.46 1.63 -3.78	35.77 1.44 -9.69
CE_NYC2_DRP 24202	30.68 1.99 0.00	26.74 1.67 0.00	23.76 1.45 0.00	24.87 1.47 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.40 1.84 0.00	35.62 2.35 0.00	39.96 2.72 -0.02	38.30 2.38 -3.26	34.73 2.26 -0.18	35.61 2.32 0.00	35.57 2.41 0.00	33.51 2.07 -1.62	32.54 2.27 0.00	33.59 2.21 0.00	33.41 1.99 0.00	35.75 2.14 0.00	32.38 2.06 0.00	36.27 1.94 0.00	32.81 1.84 0.00	34.64 1.81 0.00	34.35 1.90 -3.41	35.06 1.69 -8.73
CE_NYC_DRP 24195	30.65 1.96 0.00	26.70 1.62 0.00	23.72 1.42 0.00	24.85 1.45 0.00	24.81 1.36 0.00	26.51 1.45 0.00	32.37 1.81 0.00	35.55 2.29 0.00	39.89 2.65 -0.02	38.27 2.34 -3.26	34.76 2.29 -0.18	35.67 2.37 0.00	35.63 2.47 0.00	33.57 2.13 -1.62	32.62 2.35 0.00	33.69 2.30 0.00	33.51 2.09 0.00	35.87 2.26 0.00	32.48 2.15 0.00	36.38 2.05 0.00	32.89 1.91 0.00	34.68 1.86 0.00	34.32 1.87 -3.41	35.05 1.68 -8.73
CHAFFEE___LFGE 323603	29.15 0.46 0.00	25.57 0.49 0.00	22.55 0.24 0.00	23.68 0.28 0.00	23.58 0.13 0.00	25.48 0.42 0.00	31.09 0.53 0.00	33.05 -0.22 0.00	36.82 -0.40 0.00	32.44 -0.23 0.00	31.62 -0.67 0.00	32.37 -0.92 0.00	32.18 -0.98 0.00	28.91 -0.91 0.00	29.26 -1.01 0.00	30.51 -0.87 0.00	31.00 -0.41 0.00	34.05 0.44 0.00	30.81 0.48 0.00	35.05 0.72 0.00	31.41 0.43 0.00	33.31 0.48 0.00	29.29 0.25 0.00	24.89 0.25 0.00
CHATEAUG_35_KV_LOAD 355732	29.32 0.62 0.00	25.69 0.61 0.00	22.63 0.32 0.00	23.50 0.10 0.00	23.62 0.17 0.00	25.56 0.50 0.00	31.05 0.48 0.00	33.79 0.53 0.00	38.00 0.78 0.00	33.41 0.75 0.00	33.21 0.93 0.00	34.35 1.05 0.00	34.01 0.85 0.00	30.61 0.79 0.00	30.97 0.70 0.00	31.79 0.41 0.00	32.11 0.69 0.00	34.33 0.72 0.00	30.94 0.61 0.00	35.23 0.91 0.00	31.79 0.82 0.00	33.82 0.99 0.00	29.86 0.81 0.00	25.07 0.43 0.00
CHATEAUG_WT_PWR 323614	29.49 0.80 0.00	25.84 0.76 0.00	22.76 0.46 0.00	23.62 0.22 0.00	23.71 0.26 0.00	25.66 0.60 0.00	31.21 0.65 0.00	33.95 0.69 0.00	38.20 0.98 0.00	33.59 0.93 0.00	33.40 1.11 0.00	34.51 1.22 0.00	34.17 1.02 0.00	30.79 0.98 0.00	31.19 0.92 0.00	31.98 0.59 0.00	32.29 0.88 0.00	34.55 0.94 0.00	31.14 0.81 0.00	35.42 1.10 0.00	31.97 0.99 0.00	33.99 1.16 0.00	30.04 1.00 0.00	25.22 0.58 0.00
CHAT_HIGH_FALL_HYD 323578	29.32 0.63 0.00	25.69 0.61 0.00	22.63 0.33 0.00	23.50 0.10 0.00	23.62 0.17 0.00	25.56 0.49 0.00	31.05 0.48 0.00	33.79 0.53 0.00	38.00 0.78 0.00	33.41 0.75 0.00	33.21 0.93 0.00	34.35 1.06 0.00	34.01 0.85 0.00	30.61 0.80 0.00	30.97 0.70 0.00	31.79 0.41 0.00	32.11 0.69 0.00	34.33 0.72 0.00	30.93 0.61 0.00	35.23 0.91 0.00	31.79 0.82 0.00	33.82 0.99 0.00	29.85 0.81 0.00	25.07 0.43 0.00
CHAUTAUQUA___LFGE 323629	29.50 0.81 0.00	25.78 0.71 0.00	22.67 0.36 0.00	23.88 0.48 0.00	23.78 0.33 0.00	25.78 0.72 0.00	31.55 0.99 0.00	33.77 0.51 0.00	37.72 0.50 0.00	33.13 0.47 0.00	32.37 0.08 0.00	33.18 -0.12 0.00	32.90 -0.26 0.00	29.54 -0.28 0.00	29.76 -0.51 0.00	30.98 -0.40 0.00	31.59 0.17 0.00	34.63 1.02 0.00	31.33 1.00 0.00	35.72 1.39 0.00	32.00 1.03 0.00	33.94 1.11 0.00	29.85 0.80 0.00	25.28 0.63 0.00
CHERRYST_13_KV_LD 356241	30.75 2.06 0.00	26.79 1.72 0.00	23.81 1.50 0.00	24.93 1.53 0.00	24.88 1.44 0.00	26.61 1.55 0.00	32.51 1.94 0.00	35.72 2.45 0.00	40.08 2.84 -0.02	38.45 2.53 -3.26	34.94 2.47 -0.18	35.87 2.57 0.00	35.82 2.66 0.00	33.73 2.30 -1.62	32.78 2.51 0.00	33.86 2.48 0.00	33.67 2.26 0.00	36.06 2.44 0.00	32.63 2.30 0.00	36.53 2.20 0.00	33.02 2.04 0.00	34.81 1.99 0.00	34.43 1.98 -3.41	35.14 1.77 -8.73
CHESTROR_138KV_BK263 355645	29.96 1.27 0.00	26.13 1.06 0.00	23.27 0.96 0.00	24.39 0.99 0.00	24.37 0.93 0.00	26.03 0.97 0.00	31.75 1.18 0.00	34.76 1.50 0.00	38.97 1.74 -0.02	31.91 1.52 2.28	33.93 1.50 -0.15	34.90 1.60 0.00	34.88 1.72 0.00	30.04 1.53 1.31	31.99 1.71 0.00	33.11 1.73 0.00	33.03 1.61 0.00	35.41 1.79 0.00	32.01 1.69 0.00	35.92 1.60 0.00	32.46 1.48 0.00	34.20 1.37 0.00	27.44 1.34 2.93	18.29 1.17 7.51
CH_MIDHUDSON___DRP 24192	30.26 1.57 0.00	26.41 1.33 0.00	23.52 1.22 0.00	24.63 1.24 0.00	24.63 1.19 0.00	26.28 1.21 0.00	32.04 1.47 0.00	35.09 1.82 0.00	39.34 2.11 -0.01	35.38 1.85 -0.86	34.25 1.84 -0.12	35.23 1.94 0.00	35.24 2.08 0.00	32.22 1.85 -0.56	32.29 2.02 0.00	33.38 2.00 0.00	33.28 1.87 0.00	35.67 2.05 0.00	32.27 1.94 0.00	36.17 1.84 0.00	32.68 1.70 0.00	34.38 1.55 0.00	31.31 1.51 -0.75	27.90 1.35 -1.92
CH_MISC_IPPS 23765	30.48 1.79 0.00	26.58 1.50 0.00	23.67 1.36 0.00	24.79 1.39 0.00	24.78 1.33 0.00	26.44 1.38 0.00	32.26 1.70 0.00	35.36 2.09 0.00	39.66 2.43 -0.02	35.04 2.14 -0.24	34.56 2.14 -0.14	35.55 2.26 0.00	35.52 2.36 0.00	32.19 2.06 -0.31	32.46 2.19 0.00	33.55 2.16 0.00	33.48 2.06 0.00	35.91 2.30 0.00	32.48 2.16 0.00	36.40 2.08 0.00	32.88 1.90 0.00	34.58 1.75 0.00	30.72 1.68 0.00	26.09 1.45 0.00
CH_RES_BVR_FALLS 23983	28.38 -0.30 0.00	24.78 -0.30 0.00	21.98 -0.32 0.00	23.08 -0.32 0.00	23.26 -0.19 0.00	24.87 -0.19 0.00	30.39 -0.17 0.00	33.04 -0.22 0.00	36.98 -0.24 0.00	32.45 -0.21 0.00	32.09 -0.19 0.00	33.13 -0.17 0.00	32.94 -0.22 0.00	29.63 -0.19 0.00	30.00 -0.28 0.00	31.07 -0.31 0.00	31.16 -0.25 0.00	33.24 -0.38 0.00	29.95 -0.38 0.00	34.01 -0.32 0.00	30.69 -0.28 0.00	32.65 -0.18 0.00	28.85 -0.19 0.00	24.46 -0.18 0.00

CH_RES_NIAGARA 23895	28.26 -0.43 0.00	24.96 -0.11 0.00	22.03 -0.28 0.00	23.12 -0.28 0.00	23.05 -0.39 0.00	24.88 -0.18 0.00	30.24 -0.32 0.00	31.78 -1.49 0.00	35.26 -1.96 0.00	31.10 -1.56 0.00	30.23 -2.06 0.00	30.88 -2.42 0.00	30.59 -2.57 0.00	27.39 -2.43 0.00	27.72 -2.55 0.00	28.93 -2.45 0.00	29.45 -1.96 0.00	32.44 -1.17 0.00	29.42 -0.91 0.00	33.42 -0.90 0.00	29.98 -0.99 0.00	31.79 -1.04 0.00	28.01 -1.03 0.00	24.06 -0.58 0.00
CH_RES_SYRACUSE 23985	29.70 0.04 -0.97	25.08 -0.01 -0.01	22.27 -0.04 0.00	23.38 -0.01 0.00	23.38 -0.07 0.00	25.07 0.01 0.00	31.98 0.02 -1.40	35.02 -0.04 -1.79	37.25 0.03 0.00	33.10 0.07 -0.36	34.07 0.03 -1.75	35.37 0.09 -1.98	35.21 0.07 -1.98	31.61 0.08 -1.71	32.07 0.03 -1.77	33.43 0.09 -1.95	33.54 0.17 -1.95	36.13 0.31 -2.21	32.39 0.29 -1.77	37.03 0.28 -2.42	33.05 0.21 -1.86	35.12 0.14 -2.15	30.17 0.04 -1.08	24.64 0.00 0.00
CLINTON_WT_PWR 323605	29.49 0.80 0.00	25.84 0.76 0.00	22.76 0.46 0.00	23.62 0.22 0.00	23.71 0.26 0.00	25.66 0.60 0.00	31.21 0.65 0.00	33.95 0.69 0.00	38.20 0.98 0.00	33.59 0.93 0.00	33.40 1.11 0.00	34.51 1.22 0.00	34.17 1.02 0.00	30.79 0.98 0.00	31.19 0.92 0.00	31.98 0.59 0.00	32.29 0.88 0.00	34.55 0.94 0.00	31.14 0.81 0.00	35.42 1.10 0.00	31.97 0.99 0.00	33.99 1.16 0.00	30.04 1.00 0.00	25.22 0.58 0.00
CLINTON___LFGE 323618	30.19 1.50 0.00	26.45 1.37 0.00	23.30 0.99 0.00	24.16 0.76 0.00	24.20 0.75 0.00	26.17 1.11 0.00	31.96 1.40 0.00	34.79 1.52 0.00	39.10 1.89 0.00	34.33 1.67 0.00	34.11 1.83 0.00	35.26 1.96 0.00	34.93 1.77 0.00	31.54 1.72 0.00	31.94 1.67 0.00	32.68 1.30 0.00	32.99 1.58 0.00	35.39 1.77 0.00	31.88 1.55 0.00	36.28 1.95 0.00	32.73 1.75 0.00	34.80 1.97 0.00	30.81 1.76 0.00	25.86 1.21 0.00
COBBLENY_34_KV_TB1 80064	29.15 0.46 0.00	25.57 0.50 0.00	22.56 0.25 0.00	23.68 0.28 0.00	23.58 0.13 0.00	25.46 0.40 0.00	31.08 0.51 0.00	33.05 -0.22 0.00	36.82 -0.40 0.00	32.42 -0.24 0.00	31.60 -0.68 0.00	32.36 -0.94 0.00	32.17 -0.99 0.00	28.87 -0.95 0.00	29.24 -1.03 0.00	30.52 -0.86 0.00	30.99 -0.43 0.00	34.04 0.42 0.00	30.79 0.47 0.00	35.05 0.73 0.00	31.40 0.42 0.00	33.30 0.47 0.00	29.29 0.25 0.00	24.89 0.25 0.00
COFFEEN___115KV_TB3 355620	29.98 0.43 -0.85	25.03 -0.06 -0.01	22.13 -0.17 0.00	23.33 -0.07 0.00	23.68 0.23 0.00	25.52 0.46 0.00	32.38 0.58 -1.23	36.22 1.38 -1.58	38.58 1.36 0.00	34.22 1.23 -0.33	34.88 1.03 -1.57	36.20 1.14 -1.77	35.97 1.04 -1.77	32.36 1.02 -1.53	32.44 0.59 -1.58	33.27 0.14 -1.74	33.49 0.33 -1.74	36.28 0.70 -1.97	32.41 0.51 -1.58	37.20 0.71 -2.16	33.66 1.02 -1.66	35.96 1.21 -1.92	30.87 0.85 -0.97	25.11 0.47 0.00
COLDSPRG_115KV_BK1 355956	29.99 1.30 0.00	26.16 1.09 0.00	23.00 0.70 0.00	24.23 0.83 0.00	24.14 0.69 0.00	26.18 1.12 0.00	32.13 1.57 0.00	34.64 1.38 0.00	38.80 1.58 0.00	34.07 1.41 0.00	33.24 0.96 0.00	33.92 0.62 0.00	33.63 0.47 0.00	30.20 0.39 0.00	30.24 -0.03 0.00	31.48 0.09 0.00	32.20 0.78 0.00	35.28 1.67 0.00	31.85 1.52 0.00	36.32 2.00 0.00	32.51 1.53 0.00	34.58 1.75 0.00	30.43 1.39 0.00	25.73 1.09 0.00
COLONIE_LFGE___ 323577	29.82 1.13 0.00	26.10 1.03 0.00	23.32 1.01 0.00	24.43 1.03 0.00	24.52 1.07 0.00	26.09 1.03 0.00	31.74 1.17 0.00	34.52 1.25 0.00	38.59 1.40 0.03	34.01 1.15 -0.20	33.11 1.10 0.28	34.42 1.12 0.00	34.44 1.28 0.00	31.48 1.18 -0.48	31.66 1.38 0.00	32.86 1.48 0.00	32.81 1.39 0.00	35.11 1.49 0.00	31.64 1.31 0.00	35.64 1.31 0.00	32.22 1.24 0.00	33.90 1.07 0.00	30.89 1.05 -0.80	27.70 1.02 -2.04
COOPERNY_115KV_TB1 80082	29.64 0.95 0.00	25.85 0.78 0.00	23.02 0.71 0.00	24.13 0.74 0.00	24.13 0.68 0.00	25.78 0.72 0.00	31.44 0.88 0.00	34.38 1.11 0.00	38.55 1.32 -0.01	33.01 1.15 0.80	33.50 1.13 -0.09	34.51 1.21 0.00	34.47 1.31 0.00	30.34 1.14 0.62	31.55 1.28 0.00	32.67 1.29 0.00	32.63 1.21 0.00	34.98 1.37 0.00	31.62 1.30 0.00	35.55 1.23 0.00	32.10 1.13 0.00	33.87 1.04 0.00	28.96 1.02 1.10	22.70 0.87 2.81
COPENHAGEN_WT_PWR 323753	29.64 0.05 -0.89	24.67 -0.41 -0.01	21.88 -0.43 0.00	23.05 -0.35 0.00	23.41 -0.04 0.00	25.23 0.17 0.00	31.96 0.11 -1.29	35.84 0.92 -1.65	38.15 0.94 0.00	33.82 0.82 -0.34	34.56 0.64 -1.64	35.83 0.69 -1.84	35.59 0.58 -1.85	32.05 0.64 -1.60	32.26 0.34 -1.65	33.11 -0.10 -1.82	33.29 0.06 -1.82	36.02 0.34 -2.06	32.15 0.17 -1.65	36.88 0.30 -2.26	33.20 0.49 -1.73	35.53 0.69 -2.01	30.47 0.42 -1.01	24.76 0.12 0.00
CORNELL___ 23752	29.98 0.76 -0.52	25.66 0.58 -0.01	22.77 0.46 0.00	23.93 0.53 0.00	23.92 0.47 0.00	25.67 0.61 0.00	32.14 0.82 -0.76	35.10 0.87 -0.97	38.27 1.05 0.00	33.75 0.90 -0.19	33.98 0.77 -0.92	35.23 0.90 -1.04	35.02 0.82 -1.04	31.42 0.70 -0.90	31.83 0.63 -0.93	33.18 0.77 -1.03	33.35 0.90 -1.03	36.04 1.26 -1.16	32.41 1.15 -0.93	36.87 1.27 -1.28	33.03 1.07 -0.98	35.02 1.06 -1.13	30.45 0.84 -0.57	25.27 0.63 0.00
CORONA_AV_69_KV_TB1 355595	31.01 2.32 0.00	27.03 1.95 0.00	23.99 1.69 0.00	25.13 1.73 0.00	25.07 1.62 0.00	26.79 1.73 0.00	32.70 2.14 0.00	35.97 2.70 0.00	40.30 3.06 -0.02	38.56 2.66 -3.24	34.96 2.49 -0.18	35.92 2.63 0.00	36.28 2.84 -0.27	34.00 2.57 -1.61	33.27 2.77 -0.23	33.96 2.57 0.00	33.68 2.26 0.00	35.93 2.31 0.00	32.76 2.43 0.00	36.53 2.21 0.00	33.28 2.31 0.00	34.93 2.10 0.00	34.64 2.22 -3.38	35.34 2.04 -8.66
CORTLAND_115KV_TB3 80093	29.71 0.48 -0.54	25.43 0.35 -0.01	22.57 0.26 0.00	23.71 0.31 0.00	23.71 0.27 0.00	25.42 0.36 0.00	31.87 0.52 -0.78	34.85 0.58 -1.01	37.93 0.72 0.00	33.45 0.59 -0.20	33.76 0.52 -0.96	34.96 0.58 -1.08	34.81 0.57 -1.08	31.23 0.48 -0.93	31.72 0.48 -0.96	33.00 0.55 -1.06	33.14 0.66 -1.07	35.71 0.89 -1.21	32.11 0.82 -0.96	36.53 0.88 -1.32	32.72 0.73 -1.02	34.70 0.69 -1.17	30.17 0.53 -0.59	25.03 0.39 0.00
COXSACKIE___GT 23611	30.84 2.15 0.00	27.02 1.95 0.00	24.12 1.81 0.00	25.29 1.89 0.00	25.35 1.90 0.00	26.89 1.84 0.00	32.79 2.22 0.00	35.59 2.32 0.00	39.72 2.52 0.01	35.03 2.03 -0.34	34.11 1.92 0.10	35.00 1.70 0.00	34.77 1.62 0.00	31.68 1.55 -0.32	32.09 1.81 0.00	33.51 2.13 0.00	33.67 2.25 0.00	35.99 2.37 0.00	32.79 2.46 0.00	37.00 2.68 0.00	33.45 2.47 0.00	35.09 2.26 0.00	31.61 1.97 -0.59	27.96 1.80 -1.51
CPV_VALLEY___CC1 323721	29.73 1.04 0.00	25.93 0.85 0.00	23.10 0.79 0.00	24.20 0.80 0.00	24.20 0.75 0.00	25.82 0.76 0.00	31.50 0.94 0.00	34.50 1.23 0.00	38.67 1.44 -0.02	32.62 1.26 1.30	33.65 1.24 -0.13	34.62 1.32 0.00	34.60 1.44 0.00	30.06 1.25 1.00	31.70 1.43 0.00	32.83 1.44 0.00	32.73 1.31 0.00	35.08 1.46 0.00	31.72 1.39 0.00	35.61 1.29 0.00	32.17 1.19 0.00	33.90 1.07 0.00	28.36 1.08 1.76	21.08 0.95 4.51

CPV_VALLEY___CC2 323722	29.73 1.04 0.00	25.93 0.85 0.00	23.10 0.79 0.00	24.20 0.80 0.00	24.20 0.75 0.00	25.82 0.76 0.00	31.50 0.94 0.00	34.50 1.23 0.00	38.67 1.44 -0.02	32.62 1.26 1.30	33.65 1.24 -0.13	34.62 1.32 0.00	34.60 1.44 0.00	30.06 1.25 1.00	31.70 1.43 0.00	32.83 1.44 0.00	32.73 1.31 0.00	35.08 1.46 0.00	31.72 1.39 0.00	35.61 1.29 0.00	32.17 1.19 0.00	33.90 1.07 0.00	28.36 1.08 1.76	21.08 0.95 4.51
CRESCENT___HYD 24018	29.82 1.13 0.00	26.10 1.03 0.00	23.32 1.01 0.00	24.43 1.03 0.00	24.52 1.07 0.00	26.09 1.03 0.00	31.74 1.17 0.00	34.52 1.25 0.00	38.59 1.40 0.03	34.01 1.15 -0.20	33.11 1.10 0.28	34.42 1.12 0.00	34.44 1.28 0.00	31.48 1.18 -0.48	31.66 1.38 0.00	32.86 1.48 0.00	32.81 1.39 0.00	35.11 1.49 0.00	31.64 1.31 0.00	35.64 1.31 0.00	32.22 1.24 0.00	33.90 1.07 0.00	30.89 1.05 -0.80	27.70 1.02 -2.04
CRICKET___VALLEY_CC1 323756	29.83 1.14 0.00	26.07 1.00 0.00	23.28 0.97 0.00	24.33 0.94 0.00	24.36 0.91 0.00	25.92 0.86 0.00	31.57 1.01 0.00	34.55 1.28 0.00	38.38 1.48 0.32	30.40 1.26 3.53	30.70 1.25 2.83	34.61 1.31 0.00	34.68 1.52 0.00	32.23 1.35 -1.07	31.84 1.57 0.00	32.95 1.57 0.00	32.80 1.39 0.00	35.11 1.49 0.00	31.74 1.41 0.00	35.60 1.27 0.00	32.19 1.22 0.00	33.84 1.01 0.00	31.60 1.03 -1.53	29.57 1.00 -3.93
CRICKET___VALLEY_CC2 323757	29.83 1.14 0.00	26.07 1.00 0.00	23.28 0.97 0.00	24.33 0.94 0.00	24.36 0.91 0.00	25.92 0.86 0.00	31.57 1.01 0.00	34.55 1.28 0.00	38.38 1.48 0.32	30.40 1.26 3.53	30.70 1.25 2.83	34.61 1.31 0.00	34.68 1.52 0.00	32.23 1.35 -1.07	31.84 1.57 0.00	32.95 1.57 0.00	32.80 1.39 0.00	35.11 1.49 0.00	31.74 1.41 0.00	35.60 1.27 0.00	32.19 1.22 0.00	33.84 1.01 0.00	31.60 1.03 -1.53	29.57 1.00 -3.93
CRICKET___VALLEY_CC3 323758	29.83 1.14 0.00	26.07 1.00 0.00	23.28 0.97 0.00	24.33 0.94 0.00	24.36 0.91 0.00	25.92 0.86 0.00	31.57 1.01 0.00	34.55 1.28 0.00	38.38 1.48 0.32	30.40 1.26 3.53	30.70 1.25 2.83	34.61 1.31 0.00	34.68 1.52 0.00	32.23 1.35 -1.07	31.84 1.57 0.00	32.95 1.57 0.00	32.80 1.39 0.00	35.11 1.49 0.00	31.74 1.41 0.00	35.60 1.27 0.00	32.19 1.22 0.00	33.84 1.01 0.00	31.60 1.03 -1.53	29.57 1.00 -3.93
CRUCIBLE_METL_DRP 24180	29.70 0.04 -0.97	25.08 -0.01 -0.01	22.27 -0.04 0.00	23.38 -0.01 0.00	23.38 -0.07 0.00	25.06 -0.01 0.00	31.98 0.02 -1.40	35.02 -0.04 -1.79	37.25 0.03 0.00	33.09 0.07 -0.36	34.07 0.03 -1.75	35.37 0.09 -1.98	35.22 0.08 -1.98	31.61 0.08 -1.71	32.07 0.03 -1.77	33.44 0.10 -1.95	33.53 0.16 -1.95	36.13 0.31 -2.21	32.39 0.29 -1.77	37.04 0.29 -2.42	33.05 0.21 -1.86	35.12 0.14 -2.15	30.17 0.04 -1.08	24.64 0.00 0.00
DAHOWA___HYDRO 323763	30.31 1.62 0.00	26.51 1.43 0.00	23.62 1.31 0.00	24.73 1.33 0.00	24.82 1.37 0.00	26.44 1.39 0.00	32.22 1.66 0.00	35.12 1.86 0.00	39.26 2.07 0.03	34.56 1.64 -0.25	33.58 1.53 0.24	34.72 1.43 0.00	34.78 1.62 0.00	31.79 1.52 -0.45	32.04 1.76 0.00	33.32 1.94 0.00	33.46 2.05 0.00	35.87 2.26 0.00	32.27 1.94 0.00	36.39 2.06 0.00	32.90 1.92 0.00	34.52 1.68 0.00	31.32 1.51 -0.76	27.97 1.38 -1.95
DANC___LFGE 323619	29.68 -0.11 -1.10	24.71 -0.38 -0.02	21.91 -0.40 0.00	23.05 -0.35 0.00	23.28 -0.17 0.00	25.03 -0.03 0.00	32.06 -0.08 -1.58	35.67 0.38 -2.03	37.58 0.37 0.00	33.41 0.33 -0.42	34.49 0.20 -2.01	35.77 0.21 -2.27	35.58 0.15 -2.27	31.98 0.20 -1.96	32.31 0.00 -2.03	33.34 -0.29 -2.24	33.48 -0.17 -2.24	36.20 0.06 -2.54	32.34 -0.02 -2.03	37.13 0.02 -2.78	33.28 0.16 -2.14	35.60 0.30 -2.47	30.41 0.12 -1.25	24.59 -0.05 0.00
DANSKAMMER___1 23586	30.48 1.79 0.00	26.58 1.50 0.00	23.67 1.36 0.00	24.79 1.39 0.00	24.78 1.33 0.00	26.44 1.38 0.00	32.26 1.70 0.00	35.36 2.09 0.00	39.66 2.43 -0.02	35.04 2.14 -0.24	34.56 2.14 -0.14	35.55 2.26 0.00	35.52 2.36 0.00	32.19 2.06 -0.31	32.46 2.19 0.00	33.55 2.16 0.00	33.48 2.06 0.00	35.91 2.30 0.00	32.48 2.16 0.00	36.40 2.08 0.00	32.88 1.90 0.00	34.58 1.75 0.00	30.72 1.68 0.00	26.09 1.45 0.00
DANSKAMMER___2 23589	30.48 1.79 0.00	26.58 1.50 0.00	23.67 1.36 0.00	24.79 1.39 0.00	24.78 1.33 0.00	26.44 1.38 0.00	32.26 1.70 0.00	35.36 2.09 0.00	39.66 2.43 -0.02	35.04 2.14 -0.24	34.56 2.14 -0.14	35.55 2.26 0.00	35.52 2.36 0.00	32.19 2.06 -0.31	32.46 2.19 0.00	33.55 2.16 0.00	33.48 2.06 0.00	35.91 2.30 0.00	32.48 2.16 0.00	36.40 2.08 0.00	32.88 1.90 0.00	34.58 1.75 0.00	30.72 1.68 0.00	26.09 1.45 0.00
DANSKAMMER___3 23590	30.48 1.79 0.00	26.58 1.50 0.00	23.67 1.36 0.00	24.79 1.39 0.00	24.78 1.33 0.00	26.44 1.38 0.00	32.26 1.70 0.00	35.36 2.09 0.00	39.66 2.43 -0.02	35.04 2.14 -0.24	34.56 2.14 -0.14	35.55 2.26 0.00	35.52 2.36 0.00	32.19 2.06 -0.31	32.46 2.19 0.00	33.55 2.16 0.00	33.48 2.06 0.00	35.91 2.30 0.00	32.48 2.16 0.00	36.40 2.08 0.00	32.88 1.90 0.00	34.58 1.75 0.00	30.72 1.68 0.00	26.09 1.45 0.00
DANSKAMMER___4 23591	30.48 1.79 0.00	26.58 1.50 0.00	23.67 1.36 0.00	24.79 1.39 0.00	24.78 1.33 0.00	26.44 1.38 0.00	32.26 1.70 0.00	35.36 2.09 0.00	39.66 2.43 -0.02	35.04 2.14 -0.24	34.56 2.14 -0.14	35.55 2.26 0.00	35.52 2.36 0.00	32.19 2.06 -0.31	32.46 2.19 0.00	33.55 2.16 0.00	33.48 2.06 0.00	35.91 2.30 0.00	32.48 2.16 0.00	36.40 2.08 0.00	32.88 1.90 0.00	34.58 1.75 0.00	30.72 1.68 0.00	26.09 1.45 0.00
DANSKAMMER___DIESEL 23592	30.48 1.79 0.00	26.58 1.50 0.00	23.66 1.36 0.00	24.79 1.39 0.00	24.78 1.33 0.00	26.45 1.39 0.00	32.27 1.70 0.00	35.36 2.09 0.00	39.66 2.43 -0.02	35.04 2.15 -0.24	34.56 2.14 -0.14	35.55 2.25 0.00	35.52 2.36 0.00	32.20 2.07 -0.31	32.47 2.19 0.00	33.55 2.17 0.00	33.48 2.06 0.00	35.91 2.30 0.00	32.49 2.16 0.00	36.40 2.07 0.00	32.88 1.90 0.00	34.59 1.75 0.00	30.72 1.68 0.00	26.09 1.45 0.00
DARBY___SOLAR 323810	30.26 1.56 0.00	26.44 1.37 0.00	23.59 1.28 0.00	24.69 1.30 0.00	24.79 1.34 0.00	26.41 1.35 0.00	32.17 1.61 0.00	35.04 1.78 0.00	39.17 1.98 0.03	34.48 1.57 -0.24	33.51 1.47 0.24	34.68 1.38 0.00	34.73 1.57 0.00	31.73 1.46 -0.46	31.96 1.69 0.00	33.25 1.86 0.00	33.34 1.93 0.00	35.74 2.13 0.00	32.18 1.85 0.00	36.27 1.95 0.00	32.79 1.81 0.00	34.45 1.62 0.00	31.27 1.46 -0.77	27.94 1.34 -1.97
DASHVILLE___HYD 23610	29.91 1.21 0.00	26.06 0.99 0.00	23.22 0.91 0.00	24.32 0.92 0.00	24.31 0.86 0.00	25.95 0.90 0.00	31.66 1.10 0.00	34.73 1.46 0.00	38.96 1.73 -0.01	34.39 1.62 -0.11	33.97 1.62 -0.06	35.02 1.72 0.00	35.03 1.87 0.00	31.44 1.63 0.00	32.04 1.76 0.00	33.16 1.78 0.00	33.03 1.62 0.00	35.37 1.76 0.00	32.01 1.69 0.00	35.85 1.52 0.00	32.40 1.42 0.00	34.12 1.29 0.00	30.32 1.27 0.00	25.74 1.10 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	31.84 3.15 0.00	27.76 2.69 0.00	24.64 2.34 0.00	25.91 2.52 0.00	25.84 2.39 0.00	27.60 2.54 0.00	33.82 3.26 0.00	37.92 4.63 -0.03	78.48 5.39 -35.88	53.37 4.74 -15.96	50.10 4.33 -13.49	122.37 4.49 -84.59	140.41 4.51 -102.74	60.70 4.19 -26.69	151.99 4.50 -117.21	238.76 4.28 -203.09	131.52 4.13 -95.97	155.32 4.20 -117.50	134.13 4.22 -99.58	234.57 4.03 -196.21	143.18 4.24 -107.96	161.23 3.94 -124.46	44.82 3.91 -11.86	38.40 3.55 -10.20
DELAWARE___LFGE 323621	29.78 0.90 -0.18	25.82 0.75 0.00	22.98 0.68 0.00	24.12 0.72 0.00	24.16 0.71 0.00	25.82 0.76 0.00	31.80 0.98 -0.26	34.69 1.09 -0.33	38.50 1.29 0.00	33.78 1.12 0.00	33.35 1.07 0.00	34.41 1.12 0.00	34.32 1.17 0.00	30.83 1.01 0.00	31.35 1.08 0.00	32.50 1.12 0.00	32.54 1.13 0.00	34.94 1.33 0.00	31.57 1.24 0.00	35.60 1.27 0.00	32.12 1.15 0.00	33.94 1.11 0.00	30.03 0.99 0.00	25.45 0.81 0.00
DERFIELD_115KV_TB7 355931	28.72 0.03 0.00	25.09 0.01 0.00	22.32 0.01 0.00	23.42 0.02 0.00	23.48 0.03 0.00	25.08 0.03 0.00	30.59 0.03 0.00	33.30 0.04 0.00	37.25 0.04 0.00	32.69 0.03 0.00	32.29 0.01 0.00	33.33 0.03 0.00	33.20 0.04 0.00	29.87 0.05 0.00	30.33 0.06 0.00	31.44 0.06 0.00	31.45 0.03 0.00	33.71 0.09 0.00	30.42 0.09 0.00	34.36 0.04 0.00	31.02 0.04 0.00	32.86 0.03 0.00	29.07 0.03 0.00	24.66 0.02 0.00
DOGLEVILLE___HYD 23807	28.59 -0.10 0.00	24.91 -0.16 0.00	22.31 0.00 0.00	23.39 0.00 0.00	23.47 0.02 0.00	25.00 -0.06 0.00	30.40 -0.16 0.00	33.12 -0.14 0.00	36.96 -0.26 0.00	32.29 -0.37 0.00	31.97 -0.31 0.00	33.06 -0.24 0.00	33.05 -0.11 0.00	30.01 0.19 0.00	30.44 0.16 0.00	31.63 0.25 0.00	31.31 -0.10 0.00	33.80 0.19 0.00	30.52 0.19 0.00	34.45 0.12 0.00	31.06 0.08 0.00	32.58 -0.25 0.00	28.89 -0.15 0.00	24.57 -0.07 0.00
DUNKIRK___115KV_TB_200 55889	29.45 0.76 0.00	25.74 0.67 0.00	22.65 0.34 0.00	23.85 0.45 0.00	23.74 0.29 0.00	25.72 0.66 0.00	31.49 0.92 0.00	33.69 0.42 0.00	37.63 0.41 0.00	33.03 0.37 0.00	32.28 -0.01 0.00	33.08 -0.22 0.00	32.82 -0.34 0.00	29.45 -0.36 0.00	29.71 -0.56 0.00	30.96 -0.43 0.00	31.54 0.13 0.00	34.57 0.95 0.00	31.25 0.93 0.00	35.65 1.32 0.00	31.92 0.94 0.00	33.85 1.02 0.00	29.78 0.74 0.00	25.22 0.58 0.00
DUNKIRK___1 23563	29.45 0.76 0.00	25.74 0.67 0.00	22.65 0.34 0.00	23.85 0.45 0.00	23.74 0.29 0.00	25.72 0.66 0.00	31.49 0.92 0.00	33.69 0.42 0.00	37.63 0.41 0.00	33.03 0.37 0.00	32.28 -0.01 0.00	33.08 -0.22 0.00	32.82 -0.34 0.00	29.45 -0.36 0.00	29.71 -0.56 0.00	30.96 -0.43 0.00	31.54 0.13 0.00	34.57 0.95 0.00	31.25 0.93 0.00	35.65 1.32 0.00	31.92 0.94 0.00	33.85 1.02 0.00	29.78 0.74 0.00	25.22 0.58 0.00
DUNKIRK___2 23564	29.45 0.76 0.00	25.74 0.67 0.00	22.65 0.34 0.00	23.85 0.45 0.00	23.74 0.29 0.00	25.72 0.66 0.00	31.49 0.92 0.00	33.69 0.42 0.00	37.63 0.41 0.00	33.03 0.37 0.00	32.28 -0.01 0.00	33.08 -0.22 0.00	32.82 -0.34 0.00	29.45 -0.36 0.00	29.71 -0.56 0.00	30.96 -0.43 0.00	31.54 0.13 0.00	34.57 0.95 0.00	31.25 0.93 0.00	35.65 1.32 0.00	31.92 0.94 0.00	33.85 1.02 0.00	29.78 0.74 0.00	25.22 0.58 0.00
DUNKIRK___3 23565	29.27 0.57 0.00	25.62 0.54 0.00	22.56 0.25 0.00	23.74 0.34 0.00	23.62 0.18 0.00	25.56 0.50 0.00	31.27 0.71 0.00	33.42 0.16 0.00	37.31 0.10 0.00	32.77 0.10 0.00	32.00 -0.29 0.00	32.77 -0.53 0.00	32.54 -0.62 0.00	29.20 -0.61 0.00	29.51 -0.76 0.00	30.76 -0.62 0.00	31.29 -0.12 0.00	34.29 0.67 0.00	30.99 0.66 0.00	35.32 0.99 0.00	31.63 0.65 0.00	33.55 0.72 0.00	29.53 0.49 0.00	25.04 0.40 0.00
DUNKIRK___4 23566	29.27 0.57 0.00	25.62 0.54 0.00	22.56 0.25 0.00	23.74 0.34 0.00	23.62 0.18 0.00	25.56 0.50 0.00	31.27 0.71 0.00	33.42 0.16 0.00	37.31 0.10 0.00	32.77 0.10 0.00	32.00 -0.29 0.00	32.77 -0.53 0.00	32.54 -0.62 0.00	29.20 -0.61 0.00	29.51 -0.76 0.00	30.76 -0.62 0.00	31.29 -0.12 0.00	34.29 0.67 0.00	30.99 0.66 0.00	35.32 0.99 0.00	31.63 0.65 0.00	33.55 0.72 0.00	29.53 0.49 0.00	25.04 0.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.51 1.82 0.00	26.60 1.52 0.00	23.65 1.35 0.00	24.77 1.38 0.00	24.74 1.29 0.00	26.43 1.37 0.00	32.26 1.69 0.00	35.41 2.14 0.00	39.72 2.49 -0.02	38.11 2.18 -3.26	34.60 2.13 -0.18	35.51 2.21 0.00	35.49 2.33 0.00	33.47 2.03 -1.62	32.52 2.24 0.00	33.59 2.21 0.00	33.43 2.02 0.00	35.80 2.19 0.00	32.41 2.08 0.00	36.32 2.00 0.00	32.84 1.87 0.00	34.61 1.77 0.00	34.23 1.78 -3.41	34.95 1.59 -8.72
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.18 1.49 0.00	26.31 1.23 0.00	23.43 1.12 0.00	24.55 1.15 0.00	24.53 1.08 0.00	26.19 1.13 0.00	31.95 1.39 0.00	35.01 1.74 0.00	39.26 2.03 -0.02	34.01 1.78 0.43	34.20 1.78 -0.14	35.17 1.87 0.00	35.15 1.99 0.00	31.22 1.76 0.35	32.20 1.93 0.00	33.30 1.92 0.00	33.23 1.81 0.00	35.64 2.03 0.00	32.23 1.91 0.00	36.13 1.81 0.00	32.65 1.67 0.00	34.37 1.54 0.00	29.77 1.50 0.78	23.94 1.29 1.99
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.62 1.93 0.00	26.73 1.66 0.00	23.75 1.45 0.00	24.86 1.46 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.38 1.82 0.00	35.53 2.27 0.00	39.86 2.63 -0.02	38.17 2.24 -3.26	34.59 2.13 -0.18	35.53 2.24 0.00	35.50 2.34 0.00	33.49 2.05 -1.62	32.57 2.30 0.00	33.64 2.25 0.00	33.46 2.05 0.00	35.82 2.21 0.00	32.43 2.10 0.00	36.32 1.99 0.00	32.88 1.90 0.00	34.70 1.87 0.00	34.33 1.88 -3.41	35.03 1.66 -8.73
E179THST_13_KV_LOAD 356214	30.82 2.13 0.00	26.90 1.83 0.00	23.90 1.59 0.00	25.00 1.60 0.00	24.96 1.52 0.00	26.67 1.61 0.00	32.58 2.02 0.00	35.77 2.50 0.00	40.12 2.88 -0.02	38.40 2.48 -3.26	34.83 2.36 -0.18	35.77 2.48 0.00	35.73 2.58 0.00	33.70 2.26 -1.62	32.78 2.51 0.00	33.85 2.47 0.00	33.68 2.27 0.00	36.06 2.45 0.00	32.65 2.32 0.00	36.57 2.24 0.00	33.10 2.12 0.00	34.93 2.10 0.00	34.54 2.08 -3.41	35.20 1.83 -8.73
EAST HAMPTON___GT 23717	32.42 3.73 0.00	28.25 3.18 0.00	25.07 2.77 0.00	26.36 2.96 0.00	26.28 2.83 0.00	28.07 3.01 0.00	34.44 3.88 0.00	38.60 5.31 -0.03	79.26 6.18 -35.86	54.11 5.48 -15.96	50.83 5.06 -13.49	123.06 5.19 -84.58	140.90 5.02 -102.73	61.15 4.64 -26.69	152.42 4.96 -117.19	239.18 4.69 -203.10	132.74 4.56 -96.77	155.83 4.68 -117.53	134.81 4.67 -99.82	235.61 4.65 -196.62	144.42 4.94 -108.51	162.06 4.64 -124.59	45.50 4.60 -11.86	38.92 4.08 -10.20
EAST RIVER___6 23660	30.67 1.98 0.00	26.72 1.64 0.00	23.74 1.44 0.00	24.86 1.46 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.40 1.83 0.00	35.62 2.35 0.00	39.97 2.73 -0.02	38.33 2.40 -3.26	34.84 2.38 -0.18	35.72 2.42 0.00	35.69 2.53 0.00	33.59 2.15 -1.62	32.67 2.40 0.00	33.76 2.37 0.00	33.57 2.15 0.00	35.94 2.33 0.00	32.54 2.21 0.00	36.44 2.11 0.00	32.95 1.97 0.00	34.74 1.91 0.00	34.37 1.91 -3.41	35.08 1.70 -8.73

EAST RIVER___7 23524	30.67 1.98 0.00	26.72 1.64 0.00	23.74 1.44 0.00	24.86 1.46 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.40 1.83 0.00	35.62 2.35 0.00	39.97 2.73 -0.02	38.33 2.40 -3.26	34.84 2.38 -0.18	35.72 2.42 0.00	35.69 2.53 0.00	33.59 2.15 -1.62	32.67 2.40 0.00	33.76 2.37 0.00	33.57 2.15 0.00	35.94 2.33 0.00	32.54 2.21 0.00	36.44 2.11 0.00	32.95 1.97 0.00	34.74 1.91 0.00	34.37 1.91 -3.41	35.08 1.70 -8.73
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.41 1.71 0.00	26.51 1.43 0.00	23.58 1.28 0.00	24.71 1.32 0.00	24.68 1.23 0.00	26.36 1.30 0.00	32.16 1.60 0.00	35.29 2.02 0.00	39.59 2.35 -0.02	38.17 2.06 -3.45	34.48 2.01 -0.18	35.40 2.10 0.00	35.39 2.23 0.00	33.43 1.95 -1.66	32.43 2.16 0.00	33.52 2.14 0.00	33.37 1.95 0.00	35.73 2.12 0.00	32.35 2.02 0.00	36.25 1.92 0.00	32.77 1.80 0.00	34.53 1.70 0.00	34.36 1.69 -3.62	35.43 1.51 -9.28
EAST_HAMPTON___DIESEL 23722	32.43 3.74 0.00	28.25 3.18 0.00	25.07 2.77 0.00	26.36 2.96 0.00	26.28 2.83 0.00	28.07 3.01 0.00	34.44 3.88 0.00	38.61 5.31 -0.03	79.26 6.18 -35.86	54.10 5.48 -15.96	50.83 5.06 -13.49	123.07 5.20 -84.58	140.92 5.03 -102.73	61.16 4.65 -26.69	152.44 4.98 -117.19	239.20 4.71 -203.10	132.72 4.58 -96.73	155.84 4.70 -117.53	134.82 4.69 -99.80	235.61 4.68 -196.61	144.40 4.94 -108.48	162.07 4.65 -124.58	45.50 4.60 -11.86	38.93 4.09 -10.20
EAST_PULASKI___ESR 323781	29.96 -0.28 -1.54	24.73 -0.37 -0.02	21.94 -0.37 0.00	23.05 -0.34 0.00	23.15 -0.30 0.00	24.82 -0.24 0.00	32.50 -0.29 -2.22	35.95 -0.16 -2.85	37.01 -0.21 0.00	33.09 -0.17 -0.59	34.88 -0.25 -2.85	36.22 -0.29 -3.22	36.06 -0.32 -3.22	32.34 -0.26 -2.78	32.80 -0.35 -2.88	34.07 -0.49 -3.18	34.18 -0.40 -3.18	36.97 -0.23 -3.60	32.96 -0.25 -2.88	38.01 -0.26 -3.94	33.82 -0.18 -3.03	36.19 -0.14 -3.50	30.62 -0.18 -1.77	24.42 -0.22 0.00
EAST_RIVER___1 323558	30.65 1.96 0.00	26.70 1.63 0.00	23.73 1.42 0.00	24.84 1.45 0.00	24.81 1.36 0.00	26.50 1.44 0.00	32.38 1.81 0.00	35.55 2.28 0.00	39.89 2.65 -0.02	38.26 2.34 -3.26	34.76 2.29 -0.18	35.67 2.37 0.00	35.62 2.46 0.00	33.56 2.12 -1.62	32.62 2.35 0.00	33.69 2.31 0.00	33.50 2.09 0.00	35.87 2.26 0.00	32.47 2.14 0.00	36.38 2.06 0.00	32.89 1.91 0.00	34.68 1.85 0.00	34.32 1.87 -3.41	35.05 1.68 -8.73
EAST_RIVER___2 323559	30.67 1.98 0.00	26.72 1.64 0.00	23.74 1.44 0.00	24.86 1.46 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.40 1.83 0.00	35.62 2.35 0.00	39.97 2.73 -0.02	38.33 2.40 -3.26	34.84 2.38 -0.18	35.72 2.42 0.00	35.69 2.53 0.00	33.59 2.15 -1.62	32.67 2.40 0.00	33.76 2.37 0.00	33.57 2.15 0.00	35.94 2.33 0.00	32.54 2.21 0.00	36.44 2.11 0.00	32.95 1.97 0.00	34.74 1.91 0.00	34.37 1.91 -3.41	35.08 1.70 -8.73
EAST___DELAWARE_HYD 23607	29.86 1.17 0.00	26.01 0.93 0.00	23.13 0.83 0.00	24.23 0.83 0.00	24.21 0.76 0.00	25.86 0.80 0.00	31.57 1.01 0.00	34.59 1.33 0.00	38.91 1.68 -0.01	33.91 1.51 0.27	33.99 1.62 -0.09	35.09 1.79 0.00	35.04 1.88 0.00	31.06 1.53 0.29	31.40 1.13 0.00	32.59 1.21 0.00	32.56 1.15 0.00	34.97 1.35 0.00	31.64 1.32 0.00	35.47 1.15 0.00	32.01 1.04 0.00	33.80 0.97 0.00	30.06 1.50 0.48	24.63 1.22 1.24
EIGHT_POINT___WT_PWR 323820	29.29 0.41 -0.19	25.32 0.24 0.00	22.45 0.14 0.00	23.83 0.43 0.00	23.75 0.30 0.00	25.65 0.58 0.00	31.60 0.75 -0.28	34.25 0.63 -0.36	37.89 0.68 0.00	33.24 0.57 0.00	32.62 0.34 0.00	33.46 0.16 0.00	33.16 0.00 0.00	29.62 -0.20 0.00	29.81 -0.47 0.00	31.08 -0.30 0.00	31.13 -0.28 0.00	33.87 0.26 0.00	30.70 0.37 0.00	35.16 0.83 0.00	31.63 0.65 0.00	33.80 0.97 0.00	29.89 0.85 0.00	25.30 0.66 0.00
ELBRIDGE_115KV_TB2 80188	29.71 -0.02 -1.03	25.03 -0.06 -0.01	22.22 -0.09 0.00	23.35 -0.05 0.00	23.34 -0.11 0.00	25.02 -0.04 0.00	32.01 -0.04 -1.49	35.04 -0.14 -1.91	37.15 -0.07 0.00	33.04 -0.01 -0.39	34.07 -0.09 -1.88	35.33 -0.08 -2.12	35.16 -0.11 -2.12	31.57 -0.08 -1.83	32.06 -0.10 -1.89	33.43 -0.04 -2.09	33.55 0.04 -2.09	36.16 0.18 -2.36	32.42 0.20 -1.89	37.10 0.18 -2.59	33.07 0.10 -1.99	35.16 0.03 -2.30	30.16 -0.05 -1.16	24.59 -0.06 0.00
ELEC_TRO_TEK 24086	30.75 2.06 0.00	26.85 1.77 0.00	23.84 1.53 0.00	24.98 1.58 0.00	24.92 1.47 0.00	26.62 1.56 0.00	32.49 1.92 0.00	35.74 2.48 0.00	40.07 2.83 -0.02	38.35 2.45 -3.24	34.73 2.26 -0.18	35.69 2.40 0.00	36.01 2.58 -0.27	33.75 2.32 -1.61	33.05 2.55 -0.23	33.74 2.36 0.00	33.46 2.05 0.01	35.68 2.06 0.00	32.54 2.21 0.00	36.26 1.94 0.00	33.05 2.07 0.00	34.67 1.84 0.00	34.41 1.98 -3.38	35.15 1.85 -8.66
ELLENBURG_WT_PWR 323604	29.49 0.80 0.00	25.84 0.76 0.00	22.76 0.46 0.00	23.62 0.22 0.00	23.71 0.26 0.00	25.66 0.60 0.00	31.21 0.65 0.00	33.95 0.69 0.00	38.20 0.98 0.00	33.59 0.93 0.00	33.40 1.11 0.00	34.51 1.22 0.00	34.17 1.02 0.00	30.79 0.98 0.00	31.19 0.92 0.00	31.98 0.59 0.00	32.29 0.88 0.00	34.55 0.94 0.00	31.14 0.81 0.00	35.42 1.10 0.00	31.97 0.99 0.00	33.99 1.16 0.00	30.04 1.00 0.00	25.22 0.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.97 0.28 0.00	25.47 0.40 0.00	22.47 0.16 0.00	23.59 0.19 0.00	23.51 0.06 0.00	25.38 0.32 0.00	30.95 0.39 0.00	32.79 -0.47 0.00	36.51 -0.70 0.00	32.15 -0.51 0.00	31.33 -0.96 0.00	32.04 -1.25 0.00	31.84 -1.32 0.00	28.54 -1.28 0.00	28.88 -1.39 0.00	30.14 -1.24 0.00	30.62 -0.79 0.00	33.65 0.04 0.00	30.46 0.13 0.00	34.68 0.35 0.00	31.07 0.09 0.00	32.96 0.13 0.00	29.00 -0.04 0.00	24.72 0.08 0.00
EMPIRE_CC_1 323656	29.37 0.67 0.00	25.79 0.71 0.00	23.07 0.76 0.00	24.18 0.78 0.00	24.26 0.81 0.00	25.78 0.72 0.00	31.23 0.67 0.00	33.97 0.70 0.00	37.94 0.77 0.04	33.46 0.62 -0.18	32.50 0.58 0.37	33.88 0.59 0.00	33.90 0.74 0.00	31.07 0.67 -0.58	31.14 0.87 0.00	32.30 0.92 0.00	32.20 0.78 0.00	34.43 0.82 0.00	31.05 0.72 0.00	34.95 0.62 0.00	31.62 0.64 0.00	33.27 0.44 0.00	30.56 0.58 -0.94	27.74 0.70 -2.40
EMPIRE_CC_2 323658	29.37 0.67 0.00	25.79 0.71 0.00	23.07 0.76 0.00	24.18 0.78 0.00	24.26 0.81 0.00	25.78 0.72 0.00	31.23 0.67 0.00	33.97 0.70 0.00	37.94 0.77 0.04	33.46 0.62 -0.18	32.50 0.58 0.37	33.88 0.59 0.00	33.90 0.74 0.00	31.07 0.67 -0.58	31.14 0.87 0.00	32.30 0.92 0.00	32.20 0.78 0.00	34.43 0.82 0.00	31.05 0.72 0.00	34.95 0.62 0.00	31.62 0.64 0.00	33.27 0.44 0.00	30.56 0.58 -0.94	27.74 0.70 -2.40
ENORWICH_115KV_TB1 80156	31.14 2.05 -0.39	26.59 1.51 -0.01	23.60 1.29 0.00	24.81 1.42 0.00	24.91 1.47 0.00	26.84 1.78 0.00	33.55 2.42 -0.57	36.76 2.77 -0.73	40.49 3.28 0.00	35.61 2.80 -0.14	35.53 2.57 -0.68	36.92 2.86 -0.77	36.65 2.72 -0.77	32.79 2.31 -0.67	33.08 2.12 -0.69	34.48 2.33 -0.76	34.79 2.62 -0.76	37.84 3.36 -0.86	34.22 3.21 -0.69	38.85 3.58 -0.94	34.73 3.03 -0.73	36.71 3.05 -0.84	31.91 2.45 -0.42	26.51 1.87 0.00

ERIE_ST__34_KV_TB1-2 80199	29.28 0.59 0.00	25.68 0.61 0.00	22.64 0.34 0.00	23.76 0.36 0.00	23.66 0.21 0.00	25.56 0.50 0.00	31.20 0.64 0.00	33.21 -0.05 0.00	37.07 -0.15 0.00	32.64 -0.03 0.00	31.85 -0.44 0.00	32.61 -0.69 0.00	32.44 -0.72 0.00	29.11 -0.71 0.00	29.46 -0.81 0.00	30.77 -0.62 0.00	31.25 -0.16 0.00	34.29 0.67 0.00	31.01 0.68 0.00	35.26 0.94 0.00	31.55 0.57 0.00	33.44 0.61 0.00	29.41 0.37 0.00	24.99 0.35 0.00
ERIE_WT_PWR 323693	29.17 0.48 0.00	25.62 0.54 0.00	22.59 0.29 0.00	23.72 0.32 0.00	23.63 0.18 0.00	25.54 0.48 0.00	31.13 0.57 0.00	33.04 -0.23 0.00	36.79 -0.42 0.00	32.40 -0.26 0.00	31.59 -0.69 0.00	32.33 -0.96 0.00	32.09 -1.07 0.00	28.81 -1.00 0.00	29.12 -1.15 0.00	30.36 -1.02 0.00	30.86 -0.55 0.00	33.89 0.28 0.00	30.68 0.35 0.00	34.93 0.60 0.00	31.32 0.34 0.00	33.24 0.41 0.00	29.26 0.22 0.00	24.89 0.25 0.00
ESPRGFLD_115KV_TB1 80157	30.53 1.85 0.00	26.60 1.52 0.00	23.55 1.24 0.00	24.72 1.32 0.00	24.80 1.35 0.00	26.63 1.57 0.00	32.60 2.03 0.00	35.53 2.27 0.00	39.76 2.55 0.01	34.74 2.24 0.16	34.33 2.14 0.10	35.49 2.19 0.00	35.34 2.18 0.00	31.93 1.90 -0.22	32.17 1.90 0.00	33.37 1.98 0.00	33.47 2.06 0.00	36.13 2.52 0.00	32.71 2.38 0.00	37.05 2.72 0.00	33.36 2.38 0.00	35.42 2.59 0.00	31.23 2.18 0.00	26.34 1.69 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.96 0.72 -0.54	25.63 0.55 -0.01	22.74 0.43 0.00	23.90 0.50 0.00	23.89 0.45 0.00	25.64 0.58 0.00	32.13 0.78 -0.78	35.10 0.83 -1.01	38.23 1.01 0.00	33.72 0.86 -0.20	33.98 0.74 -0.96	35.21 0.84 -1.08	35.01 0.77 -1.08	31.42 0.66 -0.93	31.83 0.59 -0.97	33.18 0.72 -1.07	33.36 0.87 -1.07	36.02 1.20 -1.21	32.41 1.11 -0.97	36.87 1.21 -1.33	33.02 1.02 -1.02	35.02 1.01 -1.18	30.42 0.78 -0.60	25.23 0.59 0.00
ETNA____115KV_TB2 80207	29.96 0.72 -0.54	25.63 0.55 -0.01	22.74 0.43 0.00	23.90 0.50 0.00	23.89 0.45 0.00	25.64 0.58 0.00	32.13 0.78 -0.78	35.10 0.83 -1.01	38.23 1.01 0.00	33.72 0.86 -0.20	33.98 0.74 -0.96	35.21 0.84 -1.08	35.01 0.77 -1.08	31.42 0.66 -0.93	31.83 0.59 -0.97	33.18 0.72 -1.07	33.36 0.87 -1.07	36.02 1.20 -1.21	32.41 1.11 -0.97	36.87 1.21 -1.33	33.02 1.02 -1.02	35.02 1.01 -1.18	30.42 0.78 -0.60	25.23 0.59 0.00
EUCLID____115KV_TB2 356179	28.84 -0.30 -0.45	24.80 -0.28 -0.01	22.03 -0.28 0.00	23.12 -0.28 0.00	23.13 -0.32 0.00	24.77 -0.29 0.00	30.86 -0.34 -0.64	33.67 -0.42 -0.83	36.81 -0.41 0.00	32.49 -0.33 -0.16	32.65 -0.39 -0.76	33.74 -0.41 -0.85	33.63 -0.39 -0.85	30.20 -0.35 -0.74	30.66 -0.37 -0.76	31.89 -0.34 -0.84	31.98 -0.28 -0.84	34.42 -0.14 -0.95	30.96 -0.12 -0.76	35.21 -0.16 -1.04	31.58 -0.19 -0.80	33.48 -0.28 -0.92	29.20 -0.32 -0.47	24.34 -0.30 0.00
E_CANADA_CAP_HY 24051	31.03 2.34 0.00	27.08 2.01 0.00	23.95 1.64 0.00	25.15 1.75 0.00	25.25 1.81 0.00	27.08 2.02 0.00	33.06 2.50 0.00	36.01 2.74 0.00	40.15 2.95 0.02	35.44 2.55 -0.23	34.56 2.41 0.13	35.68 2.38 0.00	35.56 2.40 0.00	32.25 2.12 -0.31	32.50 2.23 0.00	33.76 2.37 0.00	33.71 2.30 0.00	36.48 2.87 0.00	33.08 2.76 0.00	37.53 3.20 0.00	33.81 2.83 0.00	36.00 3.17 0.00	32.26 2.68 -0.54	28.15 2.14 -1.37
E_CANADA_MHWK_HY 24050	28.59 -0.10 0.00	24.91 -0.16 0.00	22.31 0.00 0.00	23.39 0.00 0.00	23.47 0.02 0.00	25.00 -0.06 0.00	30.40 -0.16 0.00	33.12 -0.14 0.00	36.96 -0.26 0.00	32.29 -0.37 0.00	31.97 -0.31 0.00	33.06 -0.24 0.00	33.05 -0.11 0.00	30.01 0.19 0.00	30.44 0.16 0.00	31.63 0.25 0.00	31.31 -0.10 0.00	33.80 0.19 0.00	30.52 0.19 0.00	34.45 0.12 0.00	31.06 0.08 0.00	32.58 -0.25 0.00	28.89 -0.15 0.00	24.57 -0.07 0.00
E_FISHKILL____LBMP 23776	30.11 1.42 0.00	26.28 1.21 0.00	23.41 1.11 0.00	24.52 1.12 0.00	24.52 1.07 0.00	26.15 1.09 0.00	31.88 1.31 0.00	34.93 1.66 0.00	39.16 1.92 -0.02	35.81 1.68 -1.47	34.11 1.63 -0.19	35.00 1.70 0.00	35.00 1.84 0.00	32.67 1.62 -1.23	32.09 1.82 0.00	33.18 1.80 0.00	33.05 1.64 0.00	35.39 1.77 0.00	32.01 1.69 0.00	35.90 1.57 0.00	32.47 1.49 0.00	34.19 1.36 0.00	31.74 1.37 -1.32	29.28 1.24 -3.39
FALCON____SEABRD_CC1 323796	30.31 1.62 0.00	26.56 1.48 0.00	23.40 1.09 0.00	24.25 0.86 0.00	24.29 0.84 0.00	26.23 1.17 0.00	32.05 1.49 0.00	34.90 1.64 0.00	39.23 2.01 0.00	34.45 1.78 0.00	34.27 1.99 0.00	35.39 2.09 0.00	35.01 1.85 0.00	31.67 1.85 0.00	32.11 1.83 0.00	32.79 1.41 0.00	33.10 1.68 0.00	35.48 1.86 0.00	31.97 1.64 0.00	36.37 2.04 0.00	32.82 1.85 0.00	34.89 2.06 0.00	30.95 1.90 0.00	25.97 1.33 0.00
FALCON____SEABRD_CC2 323797	30.31 1.62 0.00	26.56 1.48 0.00	23.40 1.09 0.00	24.25 0.86 0.00	24.29 0.84 0.00	26.23 1.17 0.00	32.05 1.49 0.00	34.90 1.64 0.00	39.23 2.01 0.00	34.45 1.78 0.00	34.27 1.99 0.00	35.39 2.09 0.00	35.01 1.85 0.00	31.67 1.85 0.00	32.11 1.83 0.00	32.79 1.41 0.00	33.10 1.68 0.00	35.48 1.86 0.00	31.97 1.64 0.00	36.37 2.04 0.00	32.82 1.85 0.00	34.89 2.06 0.00	30.95 1.90 0.00	25.97 1.33 0.00
FAR ROCKAWAY____4 23548	31.37 2.68 0.00	27.29 2.22 0.00	24.22 1.91 0.00	25.37 1.97 0.00	25.29 1.84 0.00	27.03 1.98 0.00	33.01 2.45 0.00	36.31 3.04 0.00	40.71 3.47 -0.02	38.99 3.09 -3.24	35.29 2.82 -0.18	36.27 2.97 0.00	36.65 3.22 -0.27	34.35 2.92 -1.61	33.57 3.07 -0.23	34.21 2.83 0.00	33.94 2.52 -0.01	36.22 2.61 0.00	33.04 2.72 0.00	36.84 2.51 0.00	33.55 2.57 0.00	35.19 2.36 0.00	34.87 2.44 -3.38	35.52 2.22 -8.66
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.68 1.99 0.00	26.73 1.65 0.00	23.75 1.44 0.00	24.87 1.47 0.00	24.83 1.38 0.00	26.54 1.48 0.00	32.40 1.84 0.00	35.58 2.32 0.00	39.92 2.68 -0.02	38.29 2.37 -3.26	34.79 2.32 -0.18	35.69 2.40 0.00	35.65 2.50 0.00	33.59 2.15 -1.62	32.64 2.37 0.00	33.71 2.33 0.00	33.54 2.12 0.00	35.90 2.29 0.00	32.51 2.18 0.00	36.41 2.08 0.00	32.92 1.94 0.00	34.71 1.88 0.00	34.35 1.89 -3.41	35.07 1.70 -8.73
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.71 2.02 0.00	26.75 1.68 0.00	23.77 1.47 0.00	24.89 1.50 0.00	24.85 1.40 0.00	26.56 1.50 0.00	32.43 1.87 0.00	35.62 2.35 0.00	39.95 2.71 -0.02	38.33 2.40 -3.26	34.81 2.34 -0.18	35.72 2.42 0.00	35.68 2.52 0.00	33.61 2.18 -1.62	32.67 2.40 0.00	33.74 2.36 0.00	33.56 2.14 0.00	35.93 2.32 0.00	32.52 2.20 0.00	36.45 2.12 0.00	32.95 1.97 0.00	34.74 1.91 0.00	34.38 1.92 -3.41	35.10 1.73 -8.73
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.66 1.97 0.00	26.72 1.64 0.00	23.73 1.43 0.00	24.86 1.46 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.39 1.83 0.00	35.57 2.31 0.00	39.90 2.67 -0.02	38.28 2.35 -3.26	34.76 2.29 -0.18	35.67 2.37 0.00	35.63 2.47 0.00	33.58 2.14 -1.62	32.63 2.35 0.00	33.69 2.31 0.00	33.51 2.10 0.00	35.88 2.27 0.00	32.48 2.15 0.00	36.38 2.05 0.00	32.89 1.91 0.00	34.68 1.86 0.00	34.32 1.87 -3.41	35.06 1.68 -8.73

FARRAGUT___LBMP 323566	30.63 1.94 0.00	26.69 1.62 0.00	23.71 1.40 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.25 0.00	39.84 2.61 -0.02	38.23 2.30 -3.26	34.72 2.25 -0.18	35.62 2.32 0.00	35.58 2.42 0.00	33.53 2.09 -1.62	32.58 2.31 0.00	33.65 2.27 0.00	33.47 2.05 0.00	35.83 2.22 0.00	32.43 2.11 0.00	36.34 2.01 0.00	32.86 1.88 0.00	34.65 1.82 0.00	34.29 1.84 -3.41	35.03 1.66 -8.73
FENNER___WINDPWR 24204	29.62 0.52 -0.41	25.45 0.37 -0.01	22.60 0.30 0.00	23.76 0.37 0.00	23.81 0.37 0.00	25.53 0.47 0.00	31.82 0.66 -0.60	34.83 0.80 -0.76	38.19 0.98 0.00	33.66 0.85 -0.15	33.80 0.81 -0.72	35.06 0.95 -0.81	34.88 0.91 -0.81	31.30 0.78 -0.70	31.81 0.82 -0.72	33.03 0.85 -0.80	33.08 0.87 -0.80	35.67 1.16 -0.90	32.07 1.01 -0.72	36.41 1.09 -0.99	32.67 0.94 -0.76	34.61 0.90 -0.88	30.17 0.68 -0.44	25.15 0.51 0.00
FIBERTEK___ENERGY 23856	29.70 0.04 -0.97	25.08 -0.01 -0.01	22.27 -0.04 0.00	23.38 -0.01 0.00	23.38 -0.07 0.00	25.06 -0.01 0.00	31.98 0.02 -1.40	35.02 -0.04 -1.79	37.25 0.03 0.00	33.09 0.07 -0.36	34.07 0.03 -1.75	35.37 0.09 -1.98	35.22 0.08 -1.98	31.61 0.08 -1.71	32.07 0.03 -1.77	33.44 0.10 -1.95	33.53 0.16 -1.95	36.13 0.31 -2.21	32.39 0.29 -1.77	37.04 0.29 -2.42	33.05 0.21 -1.86	35.12 0.14 -2.15	30.17 0.04 -1.08	24.64 0.00 0.00
FITZPATRICK____ 23598	22.59 -0.79 5.31	24.30 -0.70 0.07	21.66 -0.64 0.00	22.74 -0.66 0.00	22.76 -0.69 0.00	24.36 -0.70 0.00	22.06 -0.86 7.65	22.46 -1.00 9.81	36.04 -1.18 0.00	29.36 -1.01 2.30	20.24 -0.97 11.07	19.82 -1.00 12.48	19.66 -1.00 12.50	18.12 -0.90 10.80	18.18 -0.93 11.17	18.12 -0.94 12.33	18.20 -0.88 12.33	18.85 -0.82 13.95	18.43 -0.72 11.18	18.20 -0.85 15.28	18.43 -0.79 11.75	18.38 -0.87 13.58	21.36 -0.83 6.85	23.91 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	31.12 2.43 0.00	27.17 2.10 0.00	24.12 1.82 0.00	25.31 1.92 0.00	25.24 1.79 0.00	26.96 1.90 0.00	32.94 2.38 0.00	36.61 3.33 -0.02	70.85 3.83 -29.81	50.16 3.22 -14.27	48.94 2.78 -13.88	128.40 2.87 -92.23	144.27 3.05 -108.05	61.98 2.75 -29.42	157.26 3.11 -123.89	241.14 2.94 -206.81	60.43 2.55 -26.47	155.43 2.55 -119.27	114.29 2.78 -81.18	201.95 2.39 -165.23	94.92 2.68 -61.27	152.27 2.43 -117.01	43.23 2.50 -11.69	37.39 2.46 -10.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.55 1.86 0.00	26.64 1.56 0.00	23.71 1.41 0.00	24.84 1.44 0.00	24.83 1.38 0.00	26.50 1.44 0.00	32.33 1.76 0.00	35.43 2.16 0.00	39.74 2.51 -0.02	35.12 2.22 -0.24	34.65 2.22 -0.14	35.64 2.34 0.00	35.62 2.46 0.00	32.41 2.17 -0.42	32.57 2.30 0.00	33.65 2.27 0.00	33.58 2.17 0.00	36.02 2.41 0.00	32.59 2.26 0.00	36.51 2.19 0.00	32.98 2.01 0.00	34.69 1.86 0.00	30.81 1.76 0.00	26.17 1.53 0.00
FORT ORANGE____ 23900	29.57 0.88 0.00	25.92 0.84 0.00	23.14 0.84 0.00	24.26 0.86 0.00	24.32 0.87 0.00	25.75 0.70 0.00	31.33 0.76 0.00	34.12 0.85 0.00	38.14 0.94 0.02	33.79 0.79 -0.33	32.86 0.76 0.19	34.04 0.74 0.00	33.95 0.79 0.00	31.00 0.74 -0.45	31.18 0.91 0.00	32.38 0.99 0.00	32.29 0.87 0.00	34.55 0.94 0.00	31.21 0.88 0.00	35.13 0.80 0.00	31.78 0.81 0.00	33.43 0.60 0.00	30.45 0.64 -0.76	27.31 0.70 -1.96
FORT_DRUM_COGEN 23780	29.69 0.19 -0.81	24.82 -0.27 -0.01	21.95 -0.36 0.00	23.15 -0.24 0.00	23.51 0.06 0.00	25.33 0.28 0.00	32.04 0.31 -1.17	35.82 1.06 -1.50	38.28 1.06 0.00	33.91 0.94 -0.31	34.51 0.74 -1.49	35.80 0.83 -1.68	35.57 0.74 -1.68	32.02 0.75 -1.45	32.20 0.42 -1.50	33.04 0.00 -1.65	33.23 0.16 -1.65	35.95 0.47 -1.87	32.13 0.30 -1.50	36.82 0.45 -2.05	33.23 0.67 -1.58	35.53 0.88 -1.82	30.54 0.58 -0.92	24.89 0.25 0.00
FPL_FAR_ROCK_GT1 24212	31.37 2.68 0.00	27.30 2.22 0.00	24.22 1.91 0.00	25.37 1.97 0.00	25.29 1.85 0.00	27.03 1.97 0.00	33.01 2.45 0.00	36.31 3.04 0.00	40.70 3.47 -0.02	38.98 3.08 -3.24	35.29 2.82 -0.18	36.27 2.97 0.00	36.65 3.21 -0.27	34.32 2.89 -1.62	33.55 3.05 -0.23	34.20 2.82 0.00	33.92 2.49 -0.01	36.21 2.60 0.00	33.04 2.71 0.00	36.84 2.51 0.00	33.55 2.57 0.00	35.19 2.36 0.00	34.87 2.44 -3.38	35.52 2.22 -8.66
FPL_FAR_ROCK_GT2 23815	31.37 2.68 0.00	27.30 2.22 0.00	24.22 1.91 0.00	25.37 1.97 0.00	25.29 1.85 0.00	27.03 1.97 0.00	33.01 2.45 0.00	36.31 3.04 0.00	40.70 3.47 -0.02	38.98 3.08 -3.24	35.29 2.82 -0.18	36.27 2.97 0.00	36.65 3.21 -0.27	34.32 2.89 -1.62	33.55 3.05 -0.23	34.20 2.82 0.00	33.92 2.49 -0.01	36.21 2.60 0.00	33.04 2.71 0.00	36.84 2.51 0.00	33.55 2.57 0.00	35.19 2.36 0.00	34.87 2.44 -3.38	35.52 2.22 -8.66
FRANKLIN_FALL_HYD 24054	29.21 0.52 0.00	25.54 0.47 0.00	22.53 0.22 0.00	23.45 0.06 0.00	23.58 0.13 0.00	25.48 0.42 0.00	31.02 0.45 0.00	33.79 0.53 0.00	37.99 0.77 0.00	33.37 0.70 0.00	33.12 0.83 0.00	34.34 1.05 0.00	34.03 0.87 0.00	30.60 0.78 0.00	30.94 0.67 0.00	31.80 0.42 0.00	32.07 0.66 0.00	34.31 0.70 0.00	30.93 0.60 0.00	35.19 0.87 0.00	31.76 0.78 0.00	33.81 0.98 0.00	29.79 0.74 0.00	25.02 0.38 0.00
FREEPORT_EQUS_GT1 23764	31.06 2.37 0.00	27.11 2.03 0.00	24.05 1.74 0.00	25.19 1.79 0.00	25.12 1.67 0.00	26.83 1.77 0.00	32.76 2.20 0.00	36.08 2.82 0.00	40.46 3.22 -0.02	38.70 2.80 -3.24	35.07 2.60 -0.18	35.96 2.66 0.00	36.26 2.82 -0.27	33.96 2.53 -1.62	33.33 2.83 -0.23	33.93 2.56 0.02	33.56 2.21 0.06	35.85 2.23 0.00	32.76 2.43 0.00	36.59 2.27 0.00	33.37 2.39 0.00	34.98 2.15 0.00	34.71 2.29 -3.38	35.41 2.11 -8.66
FREEPORT___CT2 23818	31.06 2.37 0.00	27.11 2.03 0.00	24.05 1.74 0.00	25.19 1.79 0.00	25.12 1.67 0.00	26.83 1.77 0.00	32.76 2.20 0.00	36.08 2.82 0.00	40.46 3.22 -0.02	38.70 2.80 -3.24	35.07 2.60 -0.18	35.96 2.66 0.00	36.26 2.82 -0.27	33.96 2.53 -1.62	33.33 2.83 -0.23	33.93 2.56 0.02	33.56 2.21 0.06	35.85 2.23 0.00	32.76 2.43 0.00	36.59 2.27 0.00	33.37 2.39 0.00	34.98 2.15 0.00	34.71 2.29 -3.38	35.41 2.11 -8.66
FRESHKLS_33_KV_LOAD 356253	30.78 2.08 -0.01	26.85 1.77 -0.01	23.81 1.50 0.00	24.88 1.48 0.00	24.82 1.37 0.00	26.47 1.41 0.00	31.62 1.72 0.67	33.89 2.30 1.67	33.08 2.65 6.78	33.82 2.34 1.19	34.19 2.28 0.38	34.19 2.30 1.40	34.57 2.43 1.01	33.62 2.18 -1.62	32.62 2.34 0.00	33.72 2.33 0.00	33.52 2.10 0.00	35.73 2.12 0.00	32.46 2.14 0.00	34.77 1.86 1.43	32.79 1.82 0.00	32.89 1.73 1.68	25.23 1.81 5.63	25.22 1.61 1.03
FULTON COGEN____ 23766	30.02 -0.41 -1.74	24.72 -0.38 -0.02	21.95 -0.36 0.00	23.03 -0.37 0.00	23.05 -0.40 0.00	24.67 -0.39 0.00	32.60 -0.47 -2.51	35.94 -0.54 -3.22	36.61 -0.61 0.00	32.83 -0.50 -0.67	35.05 -0.46 -3.23	36.42 -0.52 -3.64	36.33 -0.47 -3.64	32.54 -0.43 -3.15	33.05 -0.48 -3.25	34.54 -0.44 -3.59	34.63 -0.37 -3.59	37.43 -0.24 -4.06	33.35 -0.23 -3.26	38.52 -0.26 -4.45	34.14 -0.26 -3.42	36.44 -0.35 -3.96	30.67 -0.37 -2.00	24.31 -0.33 0.00

FULTON___LFGE 323630	31.59 2.90 0.00	27.64 2.57 0.00	24.51 2.21 0.00	25.71 2.32 0.00	25.82 2.37 0.00	27.72 2.66 0.00	33.84 3.28 0.00	36.47 3.20 0.00	40.53 3.33 0.02	35.63 2.70 -0.27	34.78 2.64 0.15	36.00 2.71 0.00	35.93 2.78 0.00	33.79 3.62 -0.36	32.91 2.63 0.00	34.63 3.24 0.00	34.23 2.82 0.00	37.47 3.86 0.00	33.64 3.31 0.00	38.58 4.25 0.00	34.63 3.65 0.00	36.61 3.78 0.00	32.80 3.16 -0.61	28.86 2.67 -1.55
G.F.CEMENT___DRP 24184	30.54 1.85 0.00	26.64 1.57 0.00	23.74 1.44 0.00	24.85 1.45 0.00	24.95 1.50 0.00	26.60 1.54 0.00	32.42 1.85 0.00	35.36 2.09 0.00	39.57 2.38 0.03	34.84 1.91 -0.27	33.85 1.79 0.22	34.93 1.63 0.00	34.99 1.83 0.00	31.99 1.73 -0.45	32.29 2.01 0.00	33.56 2.18 0.00	33.69 2.27 0.00	36.15 2.54 0.00	32.49 2.17 0.00	36.63 2.31 0.00	33.14 2.17 0.00	34.74 1.91 0.00	31.47 1.67 -0.75	28.09 1.52 -1.93
GARDENVILLE___LBMP 24039	29.06 0.37 0.00	25.52 0.45 0.00	22.51 0.21 0.00	23.64 0.24 0.00	23.55 0.10 0.00	25.43 0.37 0.00	31.02 0.46 0.00	32.93 -0.33 0.00	36.68 -0.54 0.00	32.29 -0.37 0.00	31.48 -0.80 0.00	32.21 -1.09 0.00	32.00 -1.16 0.00	28.69 -1.13 0.00	29.03 -1.25 0.00	30.29 -1.10 0.00	30.76 -0.65 0.00	33.79 0.17 0.00	30.58 0.25 0.00	34.82 0.50 0.00	31.20 0.22 0.00	33.10 0.27 0.00	29.14 0.10 0.00	24.80 0.16 0.00
GARDNVLA_35_KV_LD 355827	29.20 0.51 0.00	25.64 0.57 0.00	22.62 0.32 0.00	23.74 0.34 0.00	23.65 0.20 0.00	25.54 0.48 0.00	31.15 0.58 0.00	33.06 -0.21 0.00	36.82 -0.40 0.00	32.43 -0.23 0.00	31.61 -0.67 0.00	32.37 -0.93 0.00	32.18 -0.98 0.00	28.86 -0.96 0.00	29.20 -1.08 0.00	30.47 -0.91 0.00	30.96 -0.46 0.00	34.01 0.40 0.00	30.77 0.45 0.00	35.04 0.72 0.00	31.39 0.42 0.00	33.30 0.47 0.00	29.30 0.26 0.00	24.93 0.28 0.00
GELCKHM___115KV_LOAD 80723	29.15 -0.18 -0.64	24.90 -0.18 -0.01	22.11 -0.19 0.00	23.21 -0.19 0.00	23.22 -0.23 0.00	24.87 -0.19 0.00	31.27 -0.21 -0.92	34.17 -0.28 -1.18	36.98 -0.24 0.00	32.72 -0.18 -0.23	33.17 -0.23 -1.12	34.33 -0.23 -1.26	34.21 -0.22 -1.27	30.71 -0.20 -1.09	31.18 -0.22 -1.13	32.45 -0.18 -1.25	32.54 -0.12 -1.25	35.05 0.03 -1.41	31.48 0.03 -1.13	35.88 0.01 -1.55	32.13 -0.04 -1.19	34.08 -0.12 -1.37	29.55 -0.19 -0.69	24.44 -0.20 0.00
GENERAL___MILLS 23808	29.14 0.45 0.00	25.59 0.52 0.00	22.57 0.27 0.00	23.70 0.30 0.00	23.60 0.16 0.00	25.49 0.43 0.00	31.09 0.53 0.00	33.00 -0.27 0.00	36.75 -0.46 0.00	32.36 -0.30 0.00	31.55 -0.73 0.00	32.30 -1.00 0.00	32.08 -1.08 0.00	28.77 -1.05 0.00	29.11 -1.17 0.00	30.38 -1.01 0.00	30.86 -0.56 0.00	33.89 0.28 0.00	30.67 0.35 0.00	34.93 0.60 0.00	31.29 0.31 0.00	33.19 0.36 0.00	29.22 0.17 0.00	24.86 0.22 0.00
GE_PLASTICS___DRP 24183	29.44 0.75 0.00	25.79 0.72 0.00	23.03 0.72 0.00	24.15 0.75 0.00	24.21 0.76 0.00	25.68 0.62 0.00	31.24 0.68 0.00	34.03 0.76 0.00	38.07 0.87 0.02	33.79 0.73 -0.39	32.81 0.68 0.15	33.81 0.52 0.00	33.70 0.54 0.00	30.75 0.49 -0.44	30.95 0.68 0.00	32.07 0.69 0.00	31.96 0.55 0.00	34.19 0.58 0.00	30.87 0.54 0.00	34.76 0.43 0.00	31.47 0.49 0.00	33.12 0.29 0.00	30.24 0.44 -0.76	27.20 0.61 -1.95
GILBOA___1 23756	29.46 0.76 0.00	25.73 0.66 0.00	23.01 0.70 0.00	24.14 0.75 0.00	24.24 0.80 0.00	25.77 0.70 0.00	31.39 0.82 0.00	34.13 0.86 0.00	38.22 1.00 0.00	33.93 0.85 -0.42	33.10 0.82 0.00	34.14 0.85 0.00	34.08 0.92 0.00	30.85 0.78 -0.26	31.18 0.91 0.00	32.32 0.94 0.00	32.26 0.84 0.00	34.55 0.94 0.00	31.21 0.88 0.00	35.13 0.80 0.00	31.79 0.81 0.00	33.54 0.71 0.00	30.24 0.71 -0.48	26.55 0.67 -1.24
GILBOA___2 23757	29.46 0.76 0.00	25.73 0.66 0.00	23.01 0.70 0.00	24.14 0.75 0.00	24.24 0.80 0.00	25.77 0.70 0.00	31.39 0.82 0.00	34.13 0.86 0.00	38.22 1.00 0.00	33.93 0.85 -0.42	33.10 0.82 0.00	34.14 0.85 0.00	34.08 0.92 0.00	30.85 0.78 -0.26	31.18 0.91 0.00	32.32 0.94 0.00	32.26 0.84 0.00	34.55 0.94 0.00	31.21 0.88 0.00	35.13 0.80 0.00	31.79 0.81 0.00	33.54 0.71 0.00	30.24 0.71 -0.48	26.55 0.67 -1.24
GILBOA___3 23758	29.46 0.76 0.00	25.73 0.66 0.00	23.01 0.70 0.00	24.14 0.75 0.00	24.24 0.80 0.00	25.77 0.70 0.00	31.39 0.82 0.00	34.13 0.86 0.00	38.22 1.00 0.00	33.93 0.85 -0.42	33.10 0.82 0.00	34.14 0.85 0.00	34.08 0.92 0.00	30.85 0.78 -0.26	31.18 0.91 0.00	32.32 0.94 0.00	32.26 0.84 0.00	34.55 0.94 0.00	31.21 0.88 0.00	35.13 0.80 0.00	31.79 0.81 0.00	33.54 0.71 0.00	30.24 0.71 -0.48	26.55 0.67 -1.24
GILBOA___4 23759	29.46 0.76 0.00	25.73 0.66 0.00	23.01 0.70 0.00	24.14 0.75 0.00	24.24 0.80 0.00	25.77 0.70 0.00	31.39 0.82 0.00	34.13 0.86 0.00	38.22 1.00 0.00	33.93 0.85 -0.42	33.10 0.82 0.00	34.14 0.85 0.00	34.08 0.92 0.00	30.85 0.78 -0.26	31.18 0.91 0.00	32.32 0.94 0.00	32.26 0.84 0.00	34.55 0.94 0.00	31.21 0.88 0.00	35.13 0.80 0.00	31.79 0.81 0.00	33.54 0.71 0.00	30.24 0.71 -0.48	26.55 0.67 -1.24
GILBOA___ 23599	29.46 0.76 0.00	25.73 0.66 0.00	23.01 0.70 0.00	24.14 0.75 0.00	24.24 0.80 0.00	25.77 0.71 0.00	31.39 0.82 0.00	34.13 0.86 0.00	38.22 1.00 0.00	33.93 0.85 -0.42	33.10 0.82 0.00	34.14 0.85 0.00	34.09 0.92 0.00	30.86 0.79 -0.26	31.19 0.92 0.00	32.32 0.94 0.00	32.26 0.84 0.00	34.55 0.94 0.00	31.21 0.88 0.00	35.12 0.80 0.00	31.79 0.81 0.00	33.53 0.70 0.00	30.24 0.71 -0.48	26.56 0.67 -1.24
GINNA___ 23603	27.71 -0.99 0.00	24.26 -0.81 0.00	21.47 -0.84 0.00	22.51 -0.88 0.00	22.51 -0.94 0.00	24.19 -0.87 0.00	29.51 -1.06 0.00	31.71 -1.55 0.00	35.46 -1.76 0.00	31.22 -1.44 0.00	30.64 -1.64 0.00	31.48 -1.82 0.00	31.35 -1.81 0.00	28.17 -1.65 0.00	28.53 -1.74 0.00	29.61 -1.77 0.00	29.88 -1.53 0.00	32.53 -1.09 0.00	29.48 -0.85 0.00	33.39 -0.94 0.00	29.96 -1.01 0.00	31.69 -1.14 0.00	27.87 -1.18 0.00	23.64 -1.00 0.00
GLEN PARK___ 23778	29.90 0.36 -0.85	24.96 -0.13 -0.01	22.08 -0.23 0.00	23.28 -0.12 0.00	23.62 0.18 0.00	25.47 0.41 0.00	32.30 0.51 -1.22	36.14 1.30 -1.57	38.51 1.30 0.00	34.15 1.17 -0.32	34.81 0.96 -1.56	36.12 1.07 -1.75	35.89 0.97 -1.76	32.29 0.96 -1.52	32.39 0.55 -1.57	33.23 0.11 -1.73	33.43 0.28 -1.73	36.19 0.62 -1.96	32.34 0.44 -1.57	37.11 0.63 -2.15	33.55 0.93 -1.65	35.85 1.12 -1.91	30.78 0.77 -0.96	25.05 0.40 0.00
GLENDALE_27_KV_LOAD 356172	30.86 2.17 0.00	26.89 1.82 0.00	23.88 1.57 0.00	24.99 1.59 0.00	24.94 1.50 0.00	26.66 1.60 0.00	32.58 2.02 0.00	35.82 2.56 0.00	40.21 2.97 -0.02	38.53 2.60 -3.26	34.94 2.47 -0.18	35.85 2.55 0.00	35.81 2.65 0.00	33.72 2.28 -1.62	32.74 2.47 0.00	33.82 2.43 0.00	33.63 2.21 0.00	36.00 2.39 0.00	32.60 2.28 0.00	36.52 2.19 0.00	33.03 2.05 0.00	34.87 2.04 0.00	34.54 2.08 -3.41	35.21 1.84 -8.73

GLENWOOD_IC_1_G5 23712	30.82 2.13 0.00	26.88 1.81 0.00	23.88 1.57 0.00	25.01 1.62 0.00	24.96 1.51 0.00	26.67 1.61 0.00	32.56 2.00 0.00	35.81 2.54 0.00	40.17 2.93 -0.02	38.48 2.58 -3.24	34.95 2.49 -0.18	35.80 2.50 0.00	36.02 2.59 -0.27	33.81 2.38 -1.61	33.20 2.70 -0.23	33.92 2.54 0.00	33.49 2.10 0.02	35.79 2.17 0.00	32.53 2.20 0.00	36.33 2.00 0.00	33.00 2.02 0.00	34.68 1.85 0.00	34.50 2.07 -3.38	35.18 1.88 -8.66
GLENWOOD_IC_2_G1 23688	30.65 1.96 0.00	26.73 1.66 0.00	23.76 1.45 0.00	24.89 1.49 0.00	24.85 1.40 0.00	26.53 1.47 0.00	32.39 1.83 0.00	35.59 2.32 0.00	39.92 2.68 -0.02	38.24 2.34 -3.24	34.73 2.26 -0.18	35.65 2.36 0.00	35.93 2.50 -0.27	33.63 2.20 -1.62	32.94 2.44 -0.23	33.73 2.34 0.00	33.49 2.08 0.00	35.80 2.19 0.00	32.51 2.19 0.00	36.36 2.04 0.00	32.98 2.01 0.00	34.68 1.85 0.00	34.33 1.91 -3.38	35.03 1.73 -8.66
GLENWOOD_IC_3_G1 23689	30.65 1.96 0.00	26.73 1.66 0.00	23.76 1.45 0.00	24.89 1.49 0.00	24.85 1.40 0.00	26.53 1.47 0.00	32.39 1.83 0.00	35.59 2.32 0.00	39.92 2.68 -0.02	38.24 2.34 -3.24	34.73 2.26 -0.18	35.65 2.36 0.00	35.93 2.50 -0.27	33.63 2.20 -1.62	32.94 2.44 -0.23	33.73 2.34 0.00	33.49 2.08 0.00	35.80 2.19 0.00	32.51 2.19 0.00	36.36 2.04 0.00	32.98 2.01 0.00	34.68 1.85 0.00	34.33 1.91 -3.38	35.03 1.73 -8.66
GLENWOOD___4 23550	30.82 2.13 0.00	26.88 1.81 0.00	23.88 1.57 0.00	25.01 1.62 0.00	24.96 1.51 0.00	26.67 1.61 0.00	32.56 2.00 0.00	35.81 2.54 0.00	40.17 2.93 -0.02	38.48 2.58 -3.24	34.95 2.49 -0.18	35.84 2.54 0.00	36.09 2.66 -0.27	33.85 2.42 -1.61	33.20 2.70 -0.23	33.93 2.55 0.00	33.57 2.17 0.02	35.86 2.25 0.00	32.61 2.28 0.00	36.42 2.09 0.00	33.08 2.10 0.00	34.76 1.93 0.00	34.50 2.07 -3.38	35.18 1.88 -8.66
GLENWOOD___5 23614	30.82 2.13 0.00	26.88 1.81 0.00	23.88 1.57 0.00	25.01 1.62 0.00	24.96 1.51 0.00	26.67 1.61 0.00	32.56 2.00 0.00	35.81 2.54 0.00	40.17 2.93 -0.02	38.48 2.58 -3.24	34.95 2.49 -0.18	35.84 2.54 0.00	36.09 2.66 -0.27	33.85 2.42 -1.61	33.20 2.70 -0.23	33.93 2.55 0.00	33.57 2.17 0.02	35.86 2.25 0.00	32.61 2.28 0.00	36.42 2.09 0.00	33.08 2.10 0.00	34.76 1.93 0.00	34.50 2.07 -3.38	35.18 1.88 -8.66
GLOBAL GREEN_PORT_GT1 23814	32.33 3.64 0.00	28.17 3.09 0.00	25.00 2.69 0.00	26.28 2.88 0.00	26.19 2.75 0.00	27.98 2.92 0.00	34.33 3.76 0.00	38.48 5.19 -0.03	79.11 6.06 -35.83	53.98 5.36 -15.95	50.72 4.95 -13.48	122.78 4.93 -84.56	140.38 4.52 -102.70	60.67 4.16 -26.69	151.97 4.53 -117.16	238.82 4.32 -203.11	133.42 4.17 -97.84	155.40 4.22 -117.57	134.71 4.24 -100.14	235.83 4.32 -197.19	145.06 4.84 -109.24	162.15 4.56 -124.76	45.38 4.48 -11.85	38.83 3.99 -10.20
GLOBE___DSASP 323697	28.19 -0.50 0.00	24.90 -0.17 0.00	21.99 -0.32 0.00	23.06 -0.33 0.00	23.00 -0.44 0.00	24.81 -0.25 0.00	30.17 -0.39 0.00	31.70 -1.56 0.00	35.18 -2.04 0.00	31.01 -1.65 0.00	30.14 -2.14 0.00	30.79 -2.51 0.00	30.51 -2.66 0.00	27.27 -2.55 0.00	27.62 -2.65 0.00	28.85 -2.53 0.00	29.35 -2.07 0.00	32.34 -1.28 0.00	29.32 -1.01 0.00	33.34 -0.99 0.00	29.89 -1.09 0.00	31.68 -1.15 0.00	27.93 -1.11 0.00	24.01 -0.63 0.00
GOETHSLN___LBMP 323567	30.48 1.79 0.00	26.55 1.47 0.00	23.58 1.27 0.00	24.71 1.31 0.00	24.66 1.21 0.00	26.36 1.30 0.00	31.51 1.62 0.67	33.79 2.04 1.52	33.45 2.34 6.10	34.07 2.08 0.67	34.06 2.03 0.25	34.88 2.12 0.53	34.50 2.23 0.89	33.37 1.93 -1.62	32.42 2.15 0.00	33.48 2.10 0.00	33.30 1.88 0.00	35.19 2.02 0.44	32.24 1.91 0.00	34.36 1.78 1.75	32.65 1.67 0.00	32.74 1.59 1.68	24.99 1.63 5.69	25.05 1.51 1.10
GOLAH___69_KV_TB 1_2 80279	29.37 0.68 0.00	25.67 0.60 0.00	22.70 0.39 0.00	23.81 0.41 0.00	23.78 0.34 0.00	25.59 0.53 0.00	31.23 0.67 0.00	33.44 0.18 0.00	37.38 0.16 0.00	32.85 0.19 0.00	32.13 -0.15 0.00	32.89 -0.40 0.00	32.73 -0.43 0.00	29.40 -0.42 0.00	29.74 -0.53 0.00	30.94 -0.45 0.00	31.28 -0.14 0.00	34.19 0.58 0.00	30.99 0.66 0.00	35.19 0.87 0.00	31.56 0.58 0.00	33.43 0.60 0.00	29.42 0.37 0.00	24.92 0.27 0.00
GOODYEAR_LAKE_HYD 323669	30.11 1.27 -0.15	26.12 1.04 0.00	23.20 0.89 0.00	24.34 0.94 0.00	24.39 0.94 0.00	26.13 1.07 0.00	32.18 1.41 -0.21	35.11 1.57 -0.27	39.05 1.83 0.00	34.29 1.63 0.00	33.84 1.55 0.00	34.93 1.63 0.00	34.82 1.66 0.00	31.26 1.44 0.00	31.73 1.46 0.00	32.90 1.52 0.00	33.00 1.58 0.00	35.49 1.87 0.00	32.08 1.76 0.00	36.24 1.91 0.00	32.65 1.68 0.00	34.53 1.70 0.00	30.50 1.46 0.00	25.80 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.46 0.41 -0.36	25.37 0.29 0.00	22.51 0.20 0.00	23.66 0.26 0.00	23.61 0.16 0.00	25.35 0.29 0.00	31.53 0.44 -0.52	34.45 0.51 -0.67	37.86 0.64 0.00	33.28 0.48 -0.13	33.28 0.37 -0.63	34.39 0.38 -0.71	34.25 0.38 -0.71	30.75 0.33 -0.61	31.23 0.32 -0.63	32.49 0.41 -0.70	32.64 0.52 -0.70	35.19 0.78 -0.79	31.64 0.69 -0.64	35.95 0.75 -0.87	32.22 0.58 -0.67	34.16 0.56 -0.77	29.90 0.47 -0.39	24.97 0.33 0.00
GOUDEY___7 23579	29.49 0.44 -0.36	25.40 0.32 0.00	22.53 0.22 0.00	23.69 0.29 0.00	23.63 0.18 0.00	25.36 0.31 0.00	31.56 0.47 -0.52	34.49 0.55 -0.67	37.89 0.68 0.00	33.31 0.51 -0.13	33.32 0.41 -0.63	34.42 0.42 -0.71	34.29 0.43 -0.71	30.79 0.37 -0.61	31.27 0.36 -0.63	32.54 0.46 -0.70	32.68 0.56 -0.70	35.24 0.83 -0.79	31.69 0.73 -0.64	35.99 0.80 -0.87	32.26 0.62 -0.67	34.20 0.60 -0.77	29.93 0.50 -0.39	24.99 0.35 0.00
GOUDEY___8 23580	29.46 0.41 -0.36	25.37 0.29 0.00	22.51 0.20 0.00	23.66 0.26 0.00	23.61 0.16 0.00	25.35 0.29 0.00	31.53 0.44 -0.52	34.45 0.51 -0.67	37.86 0.64 0.00	33.28 0.48 -0.13	33.28 0.37 -0.63	34.39 0.38 -0.71	34.25 0.38 -0.71	30.75 0.33 -0.61	31.23 0.32 -0.63	32.49 0.41 -0.70	32.64 0.52 -0.70	35.19 0.78 -0.79	31.64 0.69 -0.64	35.95 0.75 -0.87	32.22 0.58 -0.67	34.16 0.56 -0.77	29.90 0.47 -0.39	24.97 0.33 0.00
GOWANUS_GT1_1 24077	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT1_2 24078	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73

GOWANUS_GT1_3 24079	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT1_4 24080	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT1_5 24084	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT1_6 24111	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT1_7 24112	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT1_8 24113	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_1 24114	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_2 24115	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_3 24116	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_4 24117	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_5 24118	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_6 24119	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_7 24120	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT2_8 24121	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT3_1 24122	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73

GOWANUS_GT3_2 24123	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT3_3 24124	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT3_4 24125	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT3_5 24126	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT3_6 24127	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT3_7 24128	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT3_8 24129	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_1 24130	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_2 24131	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_3 24132	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_4 24133	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_5 24134	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_6 24135	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_7 24136	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GOWANUS_GT4_8 24137	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73

GREENBSH_115KV_TB3 55895	29.41 0.72 0.00	25.76 0.68 0.00	23.01 0.70 0.00	24.12 0.72 0.00	24.18 0.73 0.00	25.60 0.53 0.00	31.12 0.55 0.00	33.88 0.62 0.00	37.91 0.72 0.02	33.59 0.60 -0.33	32.65 0.57 0.20	33.84 0.54 0.00	33.79 0.63 0.00	30.87 0.59 -0.46	31.04 0.76 0.00	32.19 0.81 0.00	32.10 0.68 0.00	34.32 0.71 0.00	30.97 0.64 0.00	34.85 0.52 0.00	31.52 0.55 0.00	33.17 0.34 0.00	30.26 0.43 -0.78	27.19 0.54 -2.01
GREENDGE_115KV_TB5 80291	29.52 0.54 -0.30	25.54 0.46 0.00	22.60 0.29 0.00	23.79 0.39 0.00	23.73 0.29 0.00	25.54 0.48 0.00	31.63 0.64 -0.43	34.41 0.60 -0.55	37.90 0.68 0.00	33.37 0.61 -0.10	33.22 0.46 -0.48	34.28 0.45 -0.54	33.92 0.22 -0.54	30.39 0.11 -0.47	31.02 0.27 -0.48	32.18 0.29 -0.51	32.07 0.15 -0.51	34.81 0.63 -0.57	31.40 0.62 -0.46	35.79 0.84 -0.63	32.08 0.62 -0.48	33.97 0.58 -0.56	29.77 0.45 -0.28	25.13 0.49 0.00
GREENIDGE___3 23582	29.52 0.54 -0.30	25.54 0.46 0.00	22.60 0.29 0.00	23.79 0.39 0.00	23.73 0.29 0.00	25.54 0.48 0.00	31.63 0.64 -0.43	34.41 0.60 -0.55	37.90 0.68 0.00	33.37 0.61 -0.10	33.22 0.46 -0.48	34.28 0.45 -0.54	33.92 0.22 -0.54	30.39 0.11 -0.47	31.02 0.27 -0.48	32.18 0.29 -0.51	32.07 0.15 -0.51	34.81 0.63 -0.57	31.40 0.62 -0.46	35.79 0.84 -0.63	32.08 0.62 -0.48	33.97 0.58 -0.56	29.77 0.45 -0.28	25.13 0.49 0.00
GREENIDGE___4 23583	29.52 0.54 -0.30	25.54 0.46 0.00	22.59 0.29 0.00	23.79 0.39 0.00	23.73 0.28 0.00	25.56 0.49 0.00	31.63 0.64 -0.43	34.42 0.60 -0.55	37.90 0.68 0.00	33.38 0.61 -0.10	33.23 0.46 -0.48	34.29 0.46 -0.54	33.92 0.22 -0.54	30.40 0.12 -0.47	31.02 0.27 -0.48	32.18 0.29 -0.51	32.08 0.15 -0.51	34.82 0.63 -0.57	31.40 0.61 -0.46	35.78 0.83 -0.63	32.08 0.62 -0.48	33.98 0.59 -0.56	29.78 0.45 -0.28	25.13 0.49 0.00
GREENLWN_69_KV_BK 3 55738	30.73 2.04 0.00	26.89 1.82 0.00	23.89 1.58 0.00	25.04 1.64 0.00	24.97 1.53 0.00	26.67 1.61 0.00	32.54 1.98 0.00	35.83 2.56 0.00	44.75 2.85 -4.68	39.64 2.40 -4.57	34.35 2.01 -0.06	31.11 2.27 4.45	33.27 2.45 2.34	32.04 2.26 0.03	29.59 2.51 3.19	30.04 2.32 3.66	32.09 1.96 1.29	32.20 1.80 3.22	30.15 2.09 2.27	31.18 1.62 4.77	31.05 1.91 1.83	31.25 1.60 3.18	34.44 1.80 -3.60	35.12 1.86 -8.62
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
GRISSOM___SOLAR 323813	31.59 2.90 0.00	27.64 2.57 0.00	24.51 2.21 0.00	25.71 2.32 0.00	25.82 2.37 0.00	27.72 2.66 0.00	33.84 3.28 0.00	36.47 3.20 0.00	40.53 3.33 0.02	35.63 2.70 -0.27	34.78 2.64 0.15	36.00 2.71 0.00	35.93 2.78 0.00	33.79 3.62 -0.36	32.91 2.63 0.00	34.63 3.24 0.00	34.23 2.82 0.00	37.47 3.86 0.00	33.64 3.31 0.00	38.58 4.25 0.00	34.63 3.65 0.00	36.61 3.78 0.00	32.80 3.16 -0.61	28.86 2.67 -1.55
GROVEVILLE___HYD 323602	30.55 1.86 0.00	26.64 1.56 0.00	23.71 1.41 0.00	24.84 1.44 0.00	24.83 1.38 0.00	26.50 1.44 0.00	32.33 1.76 0.00	35.43 2.16 0.00	39.74 2.51 -0.02	35.12 2.22 -0.24	34.65 2.22 -0.14	35.64 2.34 0.00	35.62 2.46 0.00	32.41 2.17 -0.42	32.57 2.30 0.00	33.65 2.27 0.00	33.58 2.17 0.00	36.02 2.41 0.00	32.59 2.26 0.00	36.51 2.19 0.00	32.98 2.01 0.00	34.69 1.86 0.00	30.81 1.76 0.00	26.17 1.53 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.70 0.04 -0.97	25.08 -0.01 -0.01	22.27 -0.04 0.00	23.38 -0.01 0.00	23.38 -0.07 0.00	25.06 -0.01 0.00	31.98 0.02 -1.40	35.02 -0.04 -1.79	37.25 0.03 0.00	33.09 0.07 -0.36	34.07 0.03 -1.75	35.37 0.09 -1.98	35.22 0.08 -1.98	31.61 0.08 -1.71	32.07 0.03 -1.77	33.44 0.10 -1.95	33.53 0.16 -1.95	36.13 0.31 -2.21	32.39 0.29 -1.77	37.04 0.29 -2.42	33.05 0.21 -1.86	35.12 0.14 -2.15	30.17 0.04 -1.08	24.64 0.00 0.00
HAMLTNNY_34_KV_TB 80303	29.89 0.20 -1.00	25.22 0.13 -0.01	22.37 0.07 0.00	23.51 0.11 0.00	23.50 0.05 0.00	25.20 0.14 0.00	32.18 0.17 -1.44	35.19 0.08 -1.85	37.43 0.21 0.00	33.28 0.24 -0.38	34.27 0.17 -1.81	35.53 0.19 -2.04	35.36 0.16 -2.05	31.76 0.17 -1.77	32.26 0.16 -1.83	33.63 0.23 -2.02	33.75 0.32 -2.01	36.41 0.51 -2.28	32.63 0.48 -1.83	37.32 0.50 -2.50	33.28 0.38 -1.92	35.36 0.31 -2.22	30.34 0.17 -1.12	24.77 0.12 0.00
HAMPSHIRE___PAPER_HYD 323593	28.62 -0.43 -0.36	24.45 -0.63 0.00	21.59 -0.72 0.00	22.76 -0.64 0.00	23.04 -0.41 0.00	24.78 -0.28 0.00	30.73 -0.35 -0.52	33.92 -0.01 -0.67	37.18 -0.04 0.00	32.73 -0.07 -0.14	32.80 -0.14 -0.66	33.96 -0.08 -0.74	33.72 -0.18 -0.74	30.35 -0.10 -0.64	30.65 -0.28 -0.67	31.57 -0.55 -0.73	31.72 -0.43 -0.73	34.05 -0.40 -0.83	30.53 -0.47 -0.67	34.83 -0.41 -0.91	31.40 -0.28 -0.70	33.59 -0.05 -0.81	29.27 -0.18 -0.41	24.31 -0.34 0.00
HARDSCRABBLE_WT_PWR 323673	28.64 -0.06 0.00	24.96 -0.12 0.00	22.31 0.00 0.00	23.41 0.02 0.00	23.51 0.06 0.00	25.06 0.00 0.00	30.49 -0.07 0.00	33.22 -0.04 0.00	37.11 -0.11 0.00	32.46 -0.20 0.00	32.12 -0.17 0.00	33.24 -0.06 0.00	33.20 0.04 0.00	30.09 0.27 0.00	30.50 0.22 0.00	31.67 0.29 0.00	31.40 -0.02 0.00	33.87 0.26 0.00	30.58 0.26 0.00	34.50 0.17 0.00	31.09 0.11 0.00	32.65 -0.18 0.00	28.98 -0.06 0.00	24.64 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.24 1.55 0.00	26.34 1.27 0.00	23.45 1.14 0.00	24.58 1.18 0.00	24.54 1.10 0.00	26.22 1.16 0.00	31.98 1.41 0.00	35.05 1.79 0.00	39.32 2.09 -0.02	31.86 1.85 2.66	34.31 1.87 -0.16	35.39 2.09 0.00	35.39 2.23 0.00	30.41 2.02 1.43	32.39 2.12 0.00	33.55 2.17 0.00	33.48 2.07 0.00	35.91 2.30 0.00	32.47 2.15 0.00	36.41 2.08 0.00	32.87 1.89 0.00	34.60 1.77 0.00	27.33 1.67 3.38	17.40 1.42 8.66
HARSNRAD_115KV_TB1 81005	28.75 0.06 0.00	25.32 0.24 0.00	22.34 0.04 0.00	23.43 0.03 0.00	23.36 -0.09 0.00	25.20 0.15 0.00	30.68 0.12 0.00	32.35 -0.92 0.00	35.97 -1.25 0.00	31.69 -0.97 0.00	30.83 -1.45 0.00	31.52 -1.78 0.00	31.35 -1.82 0.00	28.08 -1.74 0.00	28.41 -1.87 0.00	29.66 -1.72 0.00	30.15 -1.27 0.00	33.22 -0.39 0.00	30.11 -0.21 0.00	34.27 -0.06 0.00	30.71 -0.26 0.00	32.57 -0.26 0.00	28.67 -0.38 0.00	24.48 -0.16 0.00
HARZA MOOSE___RIVER 24016	29.37 0.40 -0.28	25.14 0.06 0.00	22.22 -0.09 0.00	23.46 0.06 0.00	23.71 0.26 0.00	25.45 0.39 0.00	31.44 0.49 -0.40	34.63 0.85 -0.51	38.20 0.98 0.00	33.60 0.83 -0.10	33.51 0.75 -0.48	34.78 0.94 -0.54	34.54 0.84 -0.54	31.06 0.77 -0.47	31.44 0.68 -0.48	32.46 0.54 -0.53	32.52 0.57 -0.54	35.06 0.84 -0.61	31.50 0.69 -0.48	35.73 0.74 -0.66	32.17 0.68 -0.51	34.24 0.82 -0.59	29.94 0.60 -0.30	24.99 0.35 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	29.08 -0.13 -0.52	24.94 -0.14 -0.01	22.15 -0.16 0.00	23.25 -0.15 0.00	23.25 -0.20 0.00	24.90 -0.16 0.00	31.15 -0.16 -0.75	33.99 -0.23 -0.96	37.03 -0.18 0.00	32.72 -0.13 -0.19	32.99 -0.18 -0.89	34.11 -0.19 -1.01	34.00 -0.17 -1.01	30.52 -0.17 -0.87	31.00 -0.17 -0.90	32.25 -0.13 -0.99	32.35 -0.06 -0.99	34.84 0.10 -1.13	31.31 0.09 -0.90	35.63 0.07 -1.23	31.94 0.01 -0.95	33.86 -0.07 -1.10	29.45 -0.15 -0.55	24.47 -0.17 0.00
HELLGATE_13_KV_LD 55870	30.67 1.98 0.00	26.74 1.67 0.00	23.76 1.45 0.00	24.86 1.46 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.39 1.83 0.00	35.60 2.33 0.00	39.93 2.69 -0.02	38.28 2.35 -3.26	34.71 2.24 -0.18	35.61 2.31 0.00	35.56 2.40 0.00	33.50 2.07 -1.62	32.53 2.26 0.00	33.59 2.20 0.00	33.40 1.99 0.00	35.75 2.14 0.00	32.38 2.05 0.00	36.27 1.95 0.00	32.82 1.84 0.00	34.66 1.83 0.00	34.36 1.90 -3.41	35.06 1.69 -8.73
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.67 1.98 0.00	26.74 1.67 0.00	23.76 1.45 0.00	24.86 1.46 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.39 1.83 0.00	35.60 2.33 0.00	39.93 2.69 -0.02	38.28 2.35 -3.26	34.71 2.24 -0.18	35.61 2.31 0.00	35.56 2.40 0.00	33.50 2.07 -1.62	32.53 2.26 0.00	33.59 2.20 0.00	33.40 1.99 0.00	35.75 2.14 0.00	32.38 2.05 0.00	36.27 1.95 0.00	32.82 1.84 0.00	34.66 1.83 0.00	34.36 1.90 -3.41	35.06 1.69 -8.73
HEMPSTEAD____ 23647	30.79 2.09 0.00	26.88 1.81 0.00	23.86 1.56 0.00	25.00 1.60 0.00	24.94 1.49 0.00	26.64 1.58 0.00	32.52 1.96 0.00	35.79 2.52 0.00	40.15 2.91 -0.02	38.44 2.54 -3.24	34.84 2.37 -0.18	35.75 2.45 0.00	36.05 2.62 -0.27	33.76 2.33 -1.62	33.12 2.62 -0.23	33.79 2.42 0.01	33.44 2.06 0.03	35.69 2.07 0.00	32.55 2.22 0.00	36.31 1.98 0.00	33.07 2.09 0.00	34.68 1.85 0.00	34.44 2.01 -3.38	35.17 1.87 -8.66
HEWLETT__69_KV_BK3 55828	31.16 2.47 0.00	27.14 2.07 0.00	24.09 1.79 0.00	25.24 1.84 0.00	25.17 1.72 0.00	26.90 1.84 0.00	32.84 2.27 0.00	36.11 2.84 0.00	40.48 3.24 -0.02	38.75 2.85 -3.24	35.10 2.63 -0.18	36.07 2.77 0.00	36.45 3.02 -0.27	34.16 2.73 -1.61	33.40 2.90 -0.23	34.06 2.67 0.00	33.78 2.36 -0.01	36.05 2.43 0.00	32.88 2.55 0.00	36.66 2.33 0.00	33.40 2.42 0.00	35.04 2.21 0.00	34.73 2.31 -3.38	35.42 2.12 -8.66
HICKLING___1 23621	29.72 0.73 -0.29	25.62 0.54 0.00	22.64 0.33 0.00	23.90 0.50 0.00	23.77 0.32 0.00	25.62 0.56 0.00	31.83 0.84 -0.42	34.74 0.93 -0.54	38.31 1.09 0.00	33.60 0.83 -0.10	33.43 0.67 -0.48	34.40 0.56 -0.54	34.22 0.52 -0.54	30.70 0.42 -0.47	31.20 0.44 -0.48	32.51 0.59 -0.54	32.72 0.77 -0.54	35.35 1.13 -0.61	31.76 0.94 -0.49	36.24 1.25 -0.67	32.45 0.96 -0.51	34.46 1.03 -0.60	30.22 0.88 -0.30	25.26 0.63 0.00
HICKLING___2 23622	29.72 0.73 -0.29	25.62 0.54 0.00	22.64 0.33 0.00	23.90 0.50 0.00	23.77 0.32 0.00	25.62 0.56 0.00	31.83 0.84 -0.42	34.74 0.93 -0.54	38.31 1.09 0.00	33.60 0.83 -0.10	33.43 0.67 -0.48	34.40 0.56 -0.54	34.22 0.52 -0.54	30.70 0.42 -0.47	31.20 0.44 -0.48	32.51 0.59 -0.54	32.72 0.77 -0.54	35.35 1.13 -0.61	31.76 0.94 -0.49	36.24 1.25 -0.67	32.45 0.96 -0.51	34.46 1.03 -0.60	30.22 0.88 -0.30	25.26 0.63 0.00
HIGH FALLS___HY 23754	30.27 1.58 0.00	26.34 1.26 0.00	23.43 1.12 0.00	24.54 1.15 0.00	24.51 1.06 0.00	26.19 1.13 0.00	31.99 1.43 0.00	35.08 1.82 0.00	39.36 2.14 -0.01	34.72 1.93 -0.13	34.32 1.96 -0.08	35.55 2.25 0.00	35.51 2.36 0.00	31.91 2.10 0.00	32.28 2.00 0.00	33.48 2.10 0.00	33.45 2.03 0.00	35.87 2.26 0.00	32.48 2.16 0.00	36.33 2.01 0.00	32.81 1.84 0.00	34.57 1.74 0.00	30.80 1.76 0.00	26.10 1.46 0.00
HILLBURN___GT 23639	30.10 1.41 0.00	26.23 1.15 0.00	23.34 1.04 0.00	24.49 1.09 0.00	24.44 1.00 0.00	26.12 1.06 0.00	31.85 1.29 0.00	34.94 1.67 0.00	39.18 1.95 -0.02	31.22 1.71 3.16	34.15 1.70 -0.16	35.27 1.97 0.00	35.27 2.11 0.00	30.12 1.89 1.58	32.26 1.99 0.00	33.39 2.01 0.00	33.27 1.85 0.00	35.65 2.04 0.00	32.26 1.93 0.00	36.13 1.81 0.00	32.65 1.67 0.00	34.39 1.55 0.00	26.58 1.52 3.97	15.77 1.30 10.18
HILLSIDE_115KV_TB1 80332	29.14 0.14 -0.31	25.08 0.01 0.00	22.20 -0.11 0.00	23.40 0.01 0.00	23.26 -0.19 0.00	25.07 0.01 0.00	31.18 0.18 -0.44	34.10 0.27 -0.56	37.60 0.38 0.00	32.92 0.15 -0.10	32.78 0.00 -0.50	33.85 -0.02 -0.57	33.68 -0.05 -0.57	30.27 -0.04 -0.49	30.72 -0.06 -0.51	32.00 0.05 -0.57	32.20 0.22 -0.57	34.75 0.50 -0.64	31.18 0.34 -0.51	35.53 0.50 -0.70	31.80 0.28 -0.54	33.75 0.30 -0.62	29.61 0.25 -0.31	24.73 0.09 0.00
HISHELDN_WT_PWR 323625	28.94 0.25 0.00	25.37 0.29 0.00	22.40 0.09 0.00	23.57 0.17 0.00	23.46 0.01 0.00	25.34 0.28 0.00	30.88 0.32 0.00	32.92 -0.35 0.00	36.75 -0.47 0.00	32.34 -0.32 0.00	31.57 -0.72 0.00	32.31 -0.98 0.00	32.11 -1.05 0.00	28.75 -1.07 0.00	29.00 -1.28 0.00	30.15 -1.23 0.00	30.55 -0.86 0.00	33.49 -0.13 0.00	30.35 0.02 0.00	34.63 0.30 0.00	31.11 0.13 0.00	33.07 0.23 0.00	29.15 0.10 0.00	24.77 0.13 0.00
HOLTSVILLE_IC_1 23690	30.87 2.18 0.00	26.97 1.90 0.00	23.96 1.66 0.00	25.14 1.74 0.00	25.08 1.63 0.00	26.77 1.71 0.00	32.70 2.14 0.00	36.32 3.03 -0.03	77.82 3.49 -37.12	51.97 2.94 -16.36	48.48 2.52 -13.67	121.14 2.61 -85.23	139.90 2.81 -103.93	59.16 2.51 -26.83	151.63 2.86 -118.50	235.76 2.67 -201.71	68.87 2.33 -35.13	150.78 2.29 -114.87	113.86 2.53 -81.00	200.13 2.11 -163.69	99.29 2.46 -65.86	149.01 2.15 -114.03	43.40 2.33 -12.02	37.13 2.28 -10.22
HOLTSVILLE_IC_10 23699	31.12 2.43 0.00	27.17 2.10 0.00	24.13 1.83 0.00	25.32 1.93 0.00	25.25 1.81 0.00	26.96 1.90 0.00	32.96 2.40 0.00	36.66 3.37 -0.02	72.63 3.89 -31.53	50.54 3.30 -14.58	47.91 2.87 -12.76	117.95 2.96 -81.69	134.22 3.16 -97.91	58.62 2.81 -25.99	145.38 3.21 -111.90	221.74 3.06 -187.29	38.63 2.66 -4.55	142.86 2.68 -106.57	100.48 2.88 -67.28	175.28 2.50 -138.45	75.77 2.80 -41.99	137.45 2.52 -102.10	42.92 2.63 -11.25	37.29 2.52 -10.13
HOLTSVILLE_IC_2 23691	30.87 2.18 0.00	26.97 1.90 0.00	23.96 1.66 0.00	25.14 1.74 0.00	25.08 1.63 0.00	26.77 1.71 0.00	32.70 2.14 0.00	36.32 3.03 -0.03	77.82 3.49 -37.12	51.97 2.94 -16.36	48.48 2.52 -13.67	121.14 2.61 -85.23	139.90 2.81 -103.93	59.16 2.51 -26.83	151.63 2.86 -118.50	235.76 2.67 -201.71	68.87 2.33 -35.13	150.78 2.29 -114.87	113.86 2.53 -81.00	200.13 2.11 -163.69	99.29 2.46 -65.86	149.01 2.15 -114.03	43.40 2.33 -12.02	37.13 2.28 -10.22
HOLTSVILLE_IC_3 23692	30.87 2.18 0.00	26.97 1.90 0.00	23.96 1.66 0.00	25.14 1.74 0.00	25.08 1.63 0.00	26.77 1.71 0.00	32.70 2.14 0.00	36.32 3.03 -0.03	77.82 3.49 -37.12	51.97 2.94 -16.36	48.48 2.52 -13.67	121.14 2.61 -85.23	139.90 2.81 -103.93	59.16 2.51 -26.83	151.63 2.86 -118.50	235.76 2.67 -201.71	68.87 2.33 -35.13	150.78 2.29 -114.87	113.86 2.53 -81.00	200.13 2.11 -163.69	99.29 2.46 -65.86	149.01 2.15 -114.03	43.40 2.33 -12.02	37.13 2.28 -10.22

HOLTSVILLE_IC_4 23693	30.87 2.18 0.00	26.97 1.90 0.00	23.96 1.66 0.00	25.14 1.74 0.00	25.08 1.63 0.00	26.77 1.71 0.00	32.70 2.14 0.00	36.32 3.03 -0.03	77.82 3.49 -37.12	51.97 2.94 -16.36	48.48 2.52 -13.67	121.14 2.61 -85.23	139.90 2.81 -103.93	59.16 2.51 -26.83	151.63 2.86 -118.50	235.76 2.67 -201.71	68.87 2.33 -35.13	150.78 2.29 -114.87	113.86 2.53 -81.00	200.13 2.11 -163.69	99.29 2.46 -65.86	149.01 2.15 -114.03	43.40 2.33 -12.02	37.13 2.28 -10.22
HOLTSVILLE_IC_5 23694	30.87 2.18 0.00	26.97 1.90 0.00	23.96 1.66 0.00	25.14 1.74 0.00	25.08 1.63 0.00	26.77 1.71 0.00	32.70 2.14 0.00	36.32 3.03 -0.03	77.82 3.49 -37.12	51.97 2.94 -16.36	48.48 2.52 -13.67	121.14 2.61 -85.23	139.90 2.81 -103.93	59.16 2.51 -26.83	151.63 2.86 -118.50	235.76 2.67 -201.71	68.87 2.33 -35.13	150.78 2.29 -114.87	113.86 2.53 -81.00	200.13 2.11 -163.69	99.29 2.46 -65.86	149.01 2.15 -114.03	43.40 2.33 -12.02	37.13 2.28 -10.22
HOLTSVILLE_IC_6 23695	31.12 2.43 0.00	27.17 2.10 0.00	24.13 1.83 0.00	25.32 1.93 0.00	25.25 1.81 0.00	26.96 1.90 0.00	32.96 2.40 0.00	36.66 3.37 -0.02	72.63 3.89 -31.53	50.54 3.30 -14.58	47.91 2.87 -12.76	117.95 2.96 -81.69	134.22 3.16 -97.91	58.62 2.81 -25.99	145.38 3.21 -111.90	221.74 3.06 -187.29	38.63 2.66 -4.55	142.86 2.68 -106.57	100.48 2.88 -67.28	175.28 2.50 -138.45	75.77 2.80 -41.99	137.45 2.52 -102.10	42.92 2.63 -11.25	37.29 2.52 -10.13
HOLTSVILLE_IC_7 23696	31.12 2.43 0.00	27.17 2.10 0.00	24.13 1.83 0.00	25.32 1.93 0.00	25.25 1.81 0.00	26.96 1.90 0.00	32.96 2.40 0.00	36.66 3.37 -0.02	72.63 3.89 -31.53	50.54 3.30 -14.58	47.91 2.87 -12.76	117.95 2.96 -81.69	134.22 3.16 -97.91	58.62 2.81 -25.99	145.38 3.21 -111.90	221.74 3.06 -187.29	38.63 2.66 -4.55	142.86 2.68 -106.57	100.48 2.88 -67.28	175.28 2.50 -138.45	75.77 2.80 -41.99	137.45 2.52 -102.10	42.92 2.63 -11.25	37.29 2.52 -10.13
HOLTSVILLE_IC_8 23697	31.12 2.43 0.00	27.17 2.10 0.00	24.13 1.83 0.00	25.32 1.93 0.00	25.25 1.81 0.00	26.96 1.90 0.00	32.96 2.40 0.00	36.66 3.37 -0.02	72.63 3.89 -31.53	50.54 3.30 -14.58	47.91 2.87 -12.76	117.95 2.96 -81.69	134.22 3.16 -97.91	58.62 2.81 -25.99	145.38 3.21 -111.90	221.74 3.06 -187.29	38.63 2.66 -4.55	142.86 2.68 -106.57	100.48 2.88 -67.28	175.28 2.50 -138.45	75.77 2.80 -41.99	137.45 2.52 -102.10	42.92 2.63 -11.25	37.29 2.52 -10.13
HOLTSVILLE_IC_9 23698	31.12 2.43 0.00	27.17 2.10 0.00	24.13 1.83 0.00	25.32 1.93 0.00	25.25 1.81 0.00	26.96 1.90 0.00	32.96 2.40 0.00	36.66 3.37 -0.02	72.63 3.89 -31.53	50.54 3.30 -14.58	47.91 2.87 -12.76	117.95 2.96 -81.69	134.22 3.16 -97.91	58.62 2.81 -25.99	145.38 3.21 -111.90	221.74 3.06 -187.29	38.63 2.66 -4.55	142.86 2.68 -106.57	100.48 2.88 -67.28	175.28 2.50 -138.45	75.77 2.80 -41.99	137.45 2.52 -102.10	42.92 2.63 -11.25	37.29 2.52 -10.13
HOMER_HL_115KV_TB2 355744	29.08 0.39 0.00	25.40 0.33 0.00	22.37 0.07 0.00	23.55 0.16 0.00	23.43 -0.02 0.00	25.36 0.30 0.00	31.10 0.53 0.00	33.69 0.43 0.00	37.73 0.51 0.00	33.01 0.35 0.00	32.12 -0.16 0.00	32.50 -0.80 0.00	32.26 -0.89 0.00	28.98 -0.84 0.00	29.41 -0.86 0.00	30.63 -0.76 0.00	31.00 -0.42 0.00	33.83 0.21 0.00	30.44 0.11 0.00	34.65 0.32 0.00	31.06 0.09 0.00	33.22 0.39 0.00	29.39 0.35 0.00	24.93 0.29 0.00
HOWARD_WT_PWR 323690	29.35 0.45 -0.21	25.35 0.27 0.00	22.46 0.16 0.00	23.85 0.46 0.00	23.77 0.32 0.00	25.67 0.61 0.00	31.65 0.78 -0.30	34.33 0.68 -0.39	37.95 0.73 0.00	33.35 0.63 -0.07	33.00 0.40 -0.32	33.87 0.21 -0.36	33.56 0.05 -0.36	29.96 -0.16 -0.31	30.17 -0.42 -0.32	31.47 -0.27 -0.35	31.53 -0.24 -0.35	34.33 0.32 -0.40	31.07 0.42 -0.32	35.65 0.89 -0.44	32.02 0.70 -0.34	34.23 1.01 -0.39	30.12 0.88 -0.20	25.33 0.69 0.00
HQ_GEN_CEDARS 23644	28.41 -0.28 0.00	24.87 -0.21 0.00	22.06 -0.25 0.00	23.11 -0.29 0.00	23.20 -0.24 0.00	24.88 -0.18 0.00	30.37 -0.19 0.00	33.06 -0.20 0.00	37.01 -0.21 0.00	32.46 -0.20 0.00	32.12 -0.17 0.00	33.23 -0.07 0.00	32.99 -0.17 0.00	29.69 -0.13 0.00	29.96 -0.32 0.00	30.99 -0.39 0.00	31.14 -0.28 0.00	33.14 -0.47 0.00	29.83 -0.50 0.00	33.95 -0.37 0.00	30.65 -0.33 0.00	32.71 -0.12 0.00	28.86 -0.18 0.00	24.43 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	28.41 -0.28 0.00	24.86 -0.21 0.00	22.06 -0.25 0.00	23.11 -0.29 0.00	23.20 -0.24 0.00	24.88 -0.18 0.00	30.38 -0.19 0.00	33.06 -0.20 0.00	37.01 -0.20 0.00	32.46 -0.20 0.00	32.12 -0.16 0.00	33.23 -0.07 0.00	32.99 -0.17 0.00	29.69 -0.13 0.00	29.95 -0.32 0.00	31.00 -0.39 0.00	31.81 -0.28 -0.68	33.17 -0.47 -0.03	29.83 -0.50 0.00	34.09 -0.37 -0.14	30.65 -0.33 0.00	32.71 -0.12 0.00	28.86 -0.18 0.00	25.22 -0.21 -0.79
HQ_GEN_IMPORT 323601	29.05 -0.22 -0.58	24.92 -0.15 0.00	22.14 -0.17 0.00	23.20 -0.20 0.00	23.27 -0.18 0.00	24.90 -0.16 0.00	30.38 -0.18 0.00	33.06 -0.21 0.00	37.00 -0.21 0.00	32.47 -0.19 0.00	32.12 -0.17 0.00	33.16 -0.14 0.00	32.94 -0.22 0.00	29.63 -0.19 0.00	29.97 -0.30 0.00	30.78 -0.33 0.27	31.13 -0.29 0.00	33.14 -0.47 0.00	29.65 -0.47 0.21	33.98 -0.35 0.00	30.66 -0.31 0.00	32.66 -0.17 0.00	28.87 -0.17 0.00	24.48 -0.17 0.00
HQ_GEN_WHEEL 23651	29.05 -0.22 -0.58	24.92 -0.15 0.00	22.14 -0.17 0.00	23.20 -0.20 0.00	23.27 -0.18 0.00	24.90 -0.16 0.00	30.38 -0.18 0.00	33.06 -0.21 0.00	37.00 -0.21 0.00	32.47 -0.19 0.00	32.12 -0.17 0.00	33.16 -0.14 0.00	32.94 -0.22 0.00	29.63 -0.19 0.00	29.97 -0.30 0.00	30.78 -0.33 0.27	31.13 -0.29 0.00	33.14 -0.47 0.00	29.65 -0.47 0.21	33.98 -0.35 0.00	30.66 -0.31 0.00	32.66 -0.17 0.00	28.87 -0.17 0.00	24.48 -0.17 0.00
HUDSON_AVE_GT_3 23810	30.71 2.02 0.00	26.75 1.67 0.00	23.76 1.46 0.00	24.88 1.49 0.00	24.84 1.39 0.00	26.55 1.49 0.00	32.42 1.86 0.00	35.62 2.35 0.00	39.94 2.71 -0.02	38.33 2.40 -3.26	34.81 2.34 -0.18	35.72 2.42 0.00	35.68 2.53 0.00	33.61 2.18 -1.62	32.67 2.40 0.00	33.74 2.36 0.00	33.56 2.14 0.00	35.93 2.32 0.00	32.52 2.20 0.00	36.45 2.12 0.00	32.95 1.97 0.00	34.74 1.91 0.00	34.37 1.92 -3.41	35.09 1.72 -8.73
HUDSON_AVE_GT_4 23540	30.71 2.02 0.00	26.75 1.67 0.00	23.76 1.46 0.00	24.88 1.49 0.00	24.84 1.39 0.00	26.55 1.49 0.00	32.42 1.86 0.00	35.62 2.35 0.00	39.94 2.71 -0.02	38.33 2.40 -3.26	34.81 2.34 -0.18	35.72 2.42 0.00	35.68 2.53 0.00	33.61 2.18 -1.62	32.67 2.40 0.00	33.74 2.36 0.00	33.56 2.14 0.00	35.93 2.32 0.00	32.52 2.20 0.00	36.45 2.12 0.00	32.95 1.97 0.00	34.74 1.91 0.00	34.37 1.92 -3.41	35.09 1.72 -8.73
HUDSON_AVE_GT_5 23657	30.71 2.02 0.00	26.75 1.67 0.00	23.76 1.46 0.00	24.88 1.49 0.00	24.84 1.39 0.00	26.55 1.49 0.00	32.42 1.86 0.00	35.62 2.35 0.00	39.94 2.71 -0.02	38.33 2.40 -3.26	34.81 2.34 -0.18	35.72 2.42 0.00	35.68 2.53 0.00	33.61 2.18 -1.62	32.67 2.40 0.00	33.74 2.36 0.00	33.56 2.14 0.00	35.93 2.32 0.00	32.52 2.20 0.00	36.45 2.12 0.00	32.95 1.97 0.00	34.74 1.91 0.00	34.37 1.92 -3.41	35.09 1.72 -8.73

HUDSON_AVE_10 24168	30.63 1.94 0.00	26.68 1.60 0.00	23.71 1.40 0.00	24.82 1.43 0.00	24.78 1.33 0.00	26.47 1.42 0.00	32.33 1.77 0.00	35.52 2.25 0.00	39.84 2.60 -0.02	38.23 2.30 -3.26	34.70 2.23 -0.18	35.62 2.32 0.00	35.58 2.42 0.00	33.53 2.10 -1.62	32.58 2.31 0.00	33.65 2.26 0.00	33.46 2.05 0.00	35.83 2.22 0.00	32.44 2.11 0.00	36.34 2.01 0.00	32.85 1.87 0.00	34.65 1.82 0.00	34.29 1.84 -3.41	35.02 1.64 -8.73
HUDSON___115KV_TB 4 355613	30.06 1.38 0.00	26.34 1.26 0.00	23.51 1.20 0.00	24.64 1.24 0.00	24.70 1.26 0.00	26.19 1.13 0.00	31.89 1.32 0.00	34.70 1.44 0.00	38.80 1.60 0.02	34.36 1.35 -0.35	33.43 1.29 0.14	34.54 1.24 0.00	34.38 1.22 0.00	31.35 1.14 -0.39	31.62 1.35 0.00	32.88 1.49 0.00	32.85 1.43 0.00	35.16 1.55 0.00	31.85 1.52 0.00	35.88 1.55 0.00	32.45 1.48 0.00	34.09 1.26 0.00	30.89 1.16 -0.69	27.54 1.13 -1.77
HUNTER MOUNT___DRP 323613	30.25 1.56 0.00	26.51 1.43 0.00	23.67 1.36 0.00	24.81 1.42 0.00	24.89 1.44 0.00	26.38 1.32 0.00	32.13 1.56 0.00	34.92 1.65 0.00	39.03 1.83 0.01	34.55 1.54 -0.34	33.65 1.47 0.10	34.58 1.29 0.00	34.41 1.25 0.00	31.34 1.20 -0.32	31.73 1.45 0.00	33.03 1.65 0.00	33.04 1.63 0.00	35.34 1.73 0.00	32.03 1.70 0.00	36.12 1.79 0.00	32.67 1.69 0.00	34.31 1.48 0.00	30.95 1.32 -0.59	27.44 1.29 -1.51
HUNTINGTON_RES_REC 323705	30.95 2.26 0.00	27.05 1.97 0.00	24.02 1.72 0.00	25.18 1.79 0.00	25.11 1.67 0.00	26.81 1.76 0.00	32.74 2.18 0.00	36.22 2.95 -0.01	57.67 3.33 -17.12	46.63 2.82 -11.14	51.78 2.40 -17.09	164.02 2.60 -128.13	175.64 2.78 -139.71	73.77 2.50 -41.46	194.98 2.84 -161.87	296.67 2.67 -262.61	77.78 2.26 -44.10	191.85 2.18 -156.06	141.32 2.46 -108.54	257.25 2.04 -220.88	119.05 2.33 -85.75	188.98 2.01 -154.14	43.67 2.17 -12.46	35.23 2.17 -8.41
HUNTLEY___63 23557	29.01 0.32 0.00	25.56 0.48 0.00	22.56 0.25 0.00	23.64 0.24 0.00	23.56 0.11 0.00	25.42 0.36 0.00	30.96 0.40 0.00	32.70 -0.56 0.00	36.38 -0.84 0.00	32.07 -0.59 0.00	31.24 -1.05 0.00	31.95 -1.34 0.00	31.67 -1.49 0.00	28.32 -1.50 0.00	28.68 -1.59 0.00	29.94 -1.45 0.00	30.44 -0.98 0.00	33.51 -0.10 0.00	30.34 0.02 0.00	34.51 0.18 0.00	30.90 -0.08 0.00	32.85 0.02 0.00	28.96 -0.09 0.00	24.71 0.07 0.00
HUNTLEY___64 23558	29.01 0.32 0.00	25.56 0.48 0.00	22.56 0.25 0.00	23.64 0.24 0.00	23.56 0.11 0.00	25.42 0.36 0.00	30.96 0.40 0.00	32.70 -0.56 0.00	36.38 -0.84 0.00	32.07 -0.59 0.00	31.24 -1.05 0.00	31.95 -1.34 0.00	31.67 -1.49 0.00	28.32 -1.50 0.00	28.68 -1.59 0.00	29.94 -1.45 0.00	30.44 -0.98 0.00	33.51 -0.10 0.00	30.34 0.02 0.00	34.51 0.18 0.00	30.90 -0.08 0.00	32.85 0.02 0.00	28.96 -0.09 0.00	24.71 0.07 0.00
HUNTLEY___65 23559	29.01 0.32 0.00	25.56 0.48 0.00	22.56 0.25 0.00	23.64 0.24 0.00	23.56 0.11 0.00	25.42 0.36 0.00	30.96 0.40 0.00	32.70 -0.56 0.00	36.38 -0.84 0.00	32.07 -0.59 0.00	31.24 -1.05 0.00	31.95 -1.34 0.00	31.67 -1.49 0.00	28.32 -1.50 0.00	28.68 -1.59 0.00	29.94 -1.45 0.00	30.44 -0.98 0.00	33.51 -0.10 0.00	30.34 0.02 0.00	34.51 0.18 0.00	30.90 -0.08 0.00	32.85 0.02 0.00	28.96 -0.09 0.00	24.71 0.07 0.00
HUNTLEY___66 23560	29.01 0.32 0.00	25.56 0.48 0.00	22.56 0.25 0.00	23.64 0.24 0.00	23.56 0.11 0.00	25.42 0.36 0.00	30.96 0.40 0.00	32.70 -0.56 0.00	36.38 -0.84 0.00	32.07 -0.59 0.00	31.24 -1.05 0.00	31.95 -1.34 0.00	31.67 -1.49 0.00	28.32 -1.50 0.00	28.68 -1.59 0.00	29.94 -1.45 0.00	30.44 -0.98 0.00	33.51 -0.10 0.00	30.34 0.02 0.00	34.51 0.18 0.00	30.90 -0.08 0.00	32.85 0.02 0.00	28.96 -0.09 0.00	24.71 0.07 0.00
HUNTLEY___67 23561	28.75 0.06 0.00	25.31 0.24 0.00	22.34 0.03 0.00	23.44 0.04 0.00	23.37 -0.08 0.00	25.21 0.15 0.00	30.72 0.16 0.00	32.48 -0.79 0.00	36.12 -1.10 0.00	31.82 -0.84 0.00	30.98 -1.31 0.00	31.68 -1.62 0.00	31.47 -1.69 0.00	28.21 -1.61 0.00	28.54 -1.73 0.00	29.80 -1.58 0.00	30.28 -1.13 0.00	33.32 -0.30 0.00	30.16 -0.16 0.00	34.35 0.02 0.00	30.78 -0.20 0.00	32.63 -0.20 0.00	28.73 -0.32 0.00	24.52 -0.12 0.00
HUNTLEY___68 23562	28.75 0.06 0.00	25.31 0.24 0.00	22.34 0.03 0.00	23.44 0.04 0.00	23.37 -0.08 0.00	25.21 0.15 0.00	30.72 0.16 0.00	32.48 -0.79 0.00	36.12 -1.10 0.00	31.82 -0.84 0.00	30.98 -1.31 0.00	31.68 -1.62 0.00	31.47 -1.69 0.00	28.21 -1.61 0.00	28.54 -1.73 0.00	29.80 -1.58 0.00	30.28 -1.13 0.00	33.32 -0.30 0.00	30.16 -0.16 0.00	34.35 0.02 0.00	30.78 -0.20 0.00	32.63 -0.20 0.00	28.73 -0.32 0.00	24.52 -0.12 0.00
HYLAND___LFGE 323620	30.51 1.82 0.00	26.63 1.56 0.00	23.57 1.26 0.00	24.80 1.40 0.00	24.75 1.30 0.00	26.71 1.65 0.00	32.71 2.15 0.00	35.03 1.77 0.00	38.44 1.23 0.00	33.24 0.57 0.00	32.37 0.09 0.00	31.96 -1.34 0.00	30.95 -2.21 0.00	27.35 -2.46 0.00	27.78 -2.49 0.00	28.96 -2.42 0.00	29.54 -1.88 0.00	31.92 -1.69 0.00	28.94 -1.39 0.00	33.29 -1.03 0.00	30.65 -0.32 0.00	34.36 1.53 0.00	30.84 1.80 0.00	26.18 1.54 0.00
INDECK___CORINTH 23802	30.11 1.42 0.00	26.29 1.21 0.00	23.43 1.12 0.00	24.52 1.12 0.00	24.61 1.17 0.00	26.23 1.16 0.00	31.99 1.42 0.00	34.90 1.64 0.00	39.10 1.90 0.02	34.45 1.51 -0.28	33.45 1.38 0.22	34.41 1.11 0.00	34.48 1.32 0.00	31.54 1.27 -0.44	31.84 1.57 0.00	33.09 1.71 0.00	33.21 1.80 0.00	35.64 2.03 0.00	32.06 1.74 0.00	36.16 1.83 0.00	32.74 1.76 0.00	34.31 1.48 0.00	31.08 1.29 -0.75	27.73 1.17 -1.92
INDECK___ILION 23567	28.72 0.03 0.00	25.06 -0.01 0.00	22.36 0.05 0.00	23.45 0.05 0.00	23.51 0.07 0.00	25.09 0.03 0.00	30.57 0.00 0.00	33.31 0.04 0.00	37.22 0.00 0.00	32.60 -0.06 0.00	32.23 -0.05 0.00	33.31 0.01 0.00	33.23 0.07 0.00	29.99 0.18 0.00	30.44 0.16 0.00	31.59 0.20 0.00	31.48 0.06 0.00	33.82 0.21 0.00	30.53 0.21 0.00	34.49 0.17 0.00	31.11 0.14 0.00	32.82 -0.01 0.00	29.05 0.00 0.00	24.67 0.03 0.00
INDECK___OLEAN 23982	29.09 0.40 0.00	25.40 0.33 0.00	22.37 0.06 0.00	23.56 0.16 0.00	23.43 -0.02 0.00	25.37 0.31 0.00	31.10 0.54 0.00	33.69 0.43 0.00	37.73 0.51 0.00	33.03 0.37 0.00	32.12 -0.16 0.00	32.52 -0.78 0.00	32.27 -0.88 0.00	29.02 -0.79 0.00	29.42 -0.85 0.00	30.63 -0.76 0.00	31.01 -0.40 0.00	33.84 0.22 0.00	30.44 0.12 0.00	34.64 0.31 0.00	31.06 0.09 0.00	33.22 0.39 0.00	29.40 0.35 0.00	24.93 0.29 0.00
INDECK___OSWEGO 23783	30.41 -0.58 -2.30	24.56 -0.55 -0.03	21.80 -0.51 0.00	22.89 -0.51 0.00	22.92 -0.53 0.00	24.54 -0.52 0.00	33.24 -0.63 -3.31	36.82 -0.69 -4.25	36.43 -0.79 0.00	32.88 -0.67 -0.89	35.82 -0.75 -4.29	37.25 -0.88 -4.83	37.10 -0.90 -4.84	33.20 -0.80 -4.18	33.79 -0.81 -4.33	35.34 -0.83 -4.78	35.41 -0.78 -4.78	38.34 -0.68 -5.41	34.04 -0.62 -4.33	39.53 -0.71 -5.92	34.88 -0.65 -4.55	37.38 -0.71 -5.26	31.11 -0.59 -2.65	24.18 -0.46 0.00

INDECK___YERKES 23781	29.04 0.34 0.00	25.58 0.51 0.00	22.57 0.27 0.00	23.67 0.27 0.00	23.58 0.13 0.00	25.47 0.41 0.00	31.00 0.44 0.00	32.74 -0.53 0.00	36.42 -0.80 0.00	32.13 -0.54 0.00	31.29 -0.99 0.00	31.99 -1.30 0.00	31.69 -1.47 0.00	28.37 -1.45 0.00	28.71 -1.56 0.00	29.93 -1.45 0.00	30.46 -0.95 0.00	33.52 -0.09 0.00	30.36 0.03 0.00	34.49 0.16 0.00	30.90 -0.08 0.00	32.87 0.04 0.00	28.99 -0.05 0.00	24.74 0.10 0.00
INDIAN POINT_GT_1 24139	30.28 1.59 0.00	26.40 1.32 0.00	23.49 1.18 0.00	24.62 1.22 0.00	24.59 1.14 0.00	26.26 1.20 0.00	32.04 1.47 0.00	35.14 1.87 0.00	39.42 2.18 -0.02	38.31 1.91 -3.74	34.34 1.88 -0.18	35.27 1.97 0.00	35.27 2.11 0.00	33.38 1.85 -1.72	32.33 2.06 0.00	33.43 2.05 0.00	33.30 1.88 0.00	35.67 2.06 0.00	32.28 1.95 0.00	36.17 1.84 0.00	32.70 1.73 0.00	34.45 1.62 0.00	34.61 1.60 -3.97	36.21 1.41 -10.16
INDIAN POINT_GT_2 23659	30.28 1.59 0.00	26.40 1.32 0.00	23.49 1.18 0.00	24.62 1.22 0.00	24.59 1.14 0.00	26.26 1.20 0.00	32.04 1.47 0.00	35.14 1.87 0.00	39.42 2.18 -0.02	38.31 1.91 -3.74	34.34 1.88 -0.18	35.27 1.97 0.00	35.27 2.11 0.00	33.38 1.85 -1.72	32.33 2.06 0.00	33.43 2.05 0.00	33.30 1.88 0.00	35.67 2.06 0.00	32.28 1.95 0.00	36.17 1.84 0.00	32.70 1.73 0.00	34.45 1.62 0.00	34.61 1.60 -3.97	36.21 1.41 -10.16
INDIAN POINT_GT_3 24019	30.28 1.59 0.00	26.40 1.32 0.00	23.49 1.18 0.00	24.62 1.22 0.00	24.59 1.14 0.00	26.26 1.20 0.00	32.04 1.47 0.00	35.14 1.87 0.00	39.42 2.18 -0.02	38.31 1.91 -3.74	34.34 1.88 -0.18	35.27 1.97 0.00	35.27 2.11 0.00	33.38 1.85 -1.72	32.33 2.06 0.00	33.43 2.05 0.00	33.30 1.88 0.00	35.67 2.06 0.00	32.28 1.95 0.00	36.17 1.84 0.00	32.70 1.73 0.00	34.45 1.62 0.00	34.61 1.60 -3.97	36.21 1.41 -10.16
INDIAN POINT___2 23530	30.22 1.52 0.00	26.34 1.27 0.00	23.44 1.13 0.00	24.58 1.18 0.00	24.55 1.10 0.00	26.22 1.16 0.00	31.99 1.42 0.00	35.08 1.80 0.00	39.35 2.11 -0.02	39.36 1.84 -4.86	34.27 1.82 -0.17	35.21 1.92 0.00	35.21 2.05 0.00	33.66 1.79 -2.05	32.29 2.01 0.00	33.40 2.01 0.00	33.26 1.85 0.00	35.64 2.03 0.00	32.25 1.92 0.00	36.14 1.81 0.00	32.67 1.69 0.00	34.41 1.57 0.00	35.89 1.57 -5.28	39.54 1.38 -13.52
INDIAN POINT___3 23531	30.21 1.52 0.00	26.35 1.27 0.00	23.45 1.15 0.00	24.59 1.19 0.00	24.55 1.11 0.00	26.23 1.17 0.00	31.98 1.42 0.00	35.07 1.80 0.00	39.34 2.10 -0.02	38.32 1.84 -3.82	34.27 1.81 -0.18	35.19 1.90 0.00	35.20 2.03 0.00	33.34 1.78 -1.75	32.27 2.00 0.00	33.37 1.99 0.00	33.24 1.82 0.00	35.60 1.99 0.00	32.22 1.89 0.00	36.10 1.77 0.00	32.64 1.66 0.00	34.38 1.55 0.00	34.65 1.54 -4.06	36.41 1.37 -10.41
INGHAM_C_115KV_TB7 356103	28.59 -0.10 0.00	24.91 -0.16 0.00	22.32 0.01 0.00	23.39 0.00 0.00	23.47 0.02 0.00	24.99 -0.07 0.00	30.40 -0.16 0.00	33.12 -0.14 0.00	36.96 -0.26 0.00	32.29 -0.37 0.00	31.95 -0.33 0.00	33.06 -0.23 0.00	33.05 -0.11 0.00	30.01 0.19 0.00	30.43 0.16 0.00	31.63 0.25 0.00	31.31 -0.11 0.00	33.80 0.19 0.00	30.52 0.19 0.00	34.44 0.12 0.00	31.06 0.08 0.00	32.58 -0.25 0.00	28.89 -0.15 0.00	24.57 -0.07 0.00
IP CORINTH___1 23988	30.28 1.59 0.00	26.43 1.35 0.00	23.54 1.24 0.00	24.64 1.24 0.00	24.74 1.29 0.00	26.38 1.32 0.00	32.15 1.59 0.00	35.09 1.82 0.00	39.31 2.12 0.02	34.64 1.70 -0.28	33.63 1.56 0.22	34.60 1.30 0.00	34.67 1.51 0.00	31.70 1.44 -0.44	32.02 1.75 0.00	33.27 1.88 0.00	33.39 1.98 0.00	35.84 2.22 0.00	32.24 1.91 0.00	36.37 2.04 0.00	32.92 1.94 0.00	34.50 1.67 0.00	31.25 1.46 -0.75	27.88 1.31 -1.92
IP___TICONDEROGA 23804	32.01 3.32 0.00	27.79 2.72 0.00	24.79 2.49 0.00	25.89 2.49 0.00	26.01 2.56 0.00	27.75 2.69 0.00	33.82 3.26 0.00	36.91 3.65 0.00	41.21 4.02 0.03	36.19 3.26 -0.27	35.19 3.12 0.22	36.42 3.13 0.00	36.48 3.33 0.00	33.46 3.20 -0.45	33.80 3.53 0.00	35.10 3.71 0.00	35.22 3.80 0.00	37.74 4.12 0.00	33.67 3.35 0.00	37.90 3.57 0.00	34.37 3.40 0.00	35.84 3.00 0.00	32.44 2.64 -0.75	29.09 2.52 -1.93
ISLIP_RES_REC 323679	31.31 2.62 0.00	27.34 2.27 0.00	24.28 1.98 0.00	25.48 2.08 0.00	25.40 1.96 0.00	27.13 2.07 0.00	33.18 2.61 0.00	36.93 3.65 -0.02	70.47 4.23 -29.02	49.92 3.59 -13.66	47.18 3.19 -11.71	111.32 3.27 -74.75	126.32 3.47 -89.68	56.83 3.10 -23.91	136.26 3.50 -102.48	206.64 3.39 -171.87	43.42 2.95 -9.06	134.51 3.00 -97.90	96.65 3.16 -63.17	166.66 2.81 -129.52	75.93 3.07 -41.88	130.07 2.80 -94.43	42.51 2.87 -10.60	37.35 2.70 -10.01
JAMAICA___27_KV_LOAD 355505	30.90 2.21 0.00	26.91 1.84 0.00	23.92 1.61 0.00	25.03 1.64 0.00	24.97 1.52 0.00	26.67 1.62 0.00	32.60 2.04 0.00	35.80 2.53 0.00	40.19 2.95 -0.02	38.53 2.60 -3.26	34.96 2.49 -0.18	35.89 2.60 0.00	35.86 2.70 0.00	33.81 2.37 -1.62	32.84 2.57 0.00	33.95 2.57 0.00	33.77 2.35 0.00	36.19 2.57 0.00	32.72 2.40 0.00	36.65 2.32 0.00	33.13 2.16 0.00	34.99 2.16 0.00	34.60 2.15 -3.41	35.24 1.87 -8.73
JANIS___SOLAR 323808	30.56 1.41 -0.46	26.15 1.06 -0.01	23.18 0.87 0.00	24.38 0.98 0.00	24.42 0.97 0.00	26.28 1.21 0.00	32.86 1.63 -0.66	35.90 1.78 -0.85	39.30 2.08 0.00	34.55 1.72 -0.17	34.58 1.49 -0.81	35.84 1.64 -0.91	35.52 1.45 -0.91	31.78 1.17 -0.79	32.16 1.08 -0.82	33.57 1.29 -0.90	33.84 1.52 -0.90	36.93 2.30 -1.02	33.32 2.17 -0.82	37.84 2.39 -1.12	33.88 2.05 -0.86	35.89 2.06 -0.99	31.18 1.63 -0.50	25.88 1.24 0.00
JARVIS____ 23743	28.72 0.03 0.00	25.09 0.01 0.00	22.32 0.01 0.00	23.42 0.02 0.00	23.47 0.02 0.00	25.08 0.03 0.00	30.59 0.03 0.00	33.30 0.04 0.00	37.25 0.04 0.00	32.69 0.03 0.00	32.30 0.01 0.00	33.32 0.02 0.00	33.20 0.04 0.00	29.87 0.05 0.00	30.33 0.06 0.00	31.44 0.06 0.00	31.45 0.03 0.00	33.71 0.09 0.00	30.42 0.09 0.00	34.36 0.04 0.00	31.02 0.04 0.00	32.86 0.03 0.00	29.07 0.03 0.00	24.66 0.02 0.00
JENNISON___1 23625	30.57 1.55 -0.33	26.29 1.21 0.00	23.32 1.01 0.00	24.51 1.12 0.00	24.55 1.10 0.00	26.37 1.31 0.00	32.80 1.77 -0.47	35.88 2.01 -0.60	39.59 2.37 0.00	34.80 2.02 -0.12	34.74 1.89 -0.56	36.00 2.07 -0.63	35.82 2.03 -0.63	32.10 1.74 -0.55	32.52 1.68 -0.56	33.85 1.84 -0.63	34.07 2.03 -0.62	36.87 2.55 -0.71	33.28 2.39 -0.57	37.72 2.62 -0.77	33.77 2.20 -0.59	35.70 2.18 -0.69	31.18 1.79 -0.35	26.00 1.36 0.00
JENNISON___2 23626	30.57 1.55 -0.33	26.29 1.21 0.00	23.32 1.01 0.00	24.51 1.12 0.00	24.55 1.10 0.00	26.37 1.31 0.00	32.80 1.77 -0.47	35.88 2.01 -0.60	39.59 2.37 0.00	34.80 2.02 -0.12	34.74 1.89 -0.56	36.00 2.07 -0.63	35.82 2.03 -0.63	32.10 1.74 -0.55	32.52 1.68 -0.56	33.85 1.84 -0.63	34.07 2.03 -0.62	36.87 2.55 -0.71	33.28 2.39 -0.57	37.72 2.62 -0.77	33.77 2.20 -0.59	35.70 2.18 -0.69	31.18 1.79 -0.35	26.00 1.36 0.00

JERICO_RISE_WT_PWR 323719	29.25 0.56 0.00	25.63 0.56 0.00	22.58 0.28 0.00	23.44 0.04 0.00	23.56 0.11 0.00	25.50 0.44 0.00	30.98 0.42 0.00	33.70 0.43 0.00	37.91 0.69 0.00	33.34 0.68 0.00	33.14 0.85 0.00	34.27 0.97 0.00	33.94 0.77 0.00	30.54 0.72 0.00	30.90 0.63 0.00	31.74 0.36 0.00	32.05 0.64 0.00	34.27 0.65 0.00	30.88 0.55 0.00	35.14 0.82 0.00	31.71 0.73 0.00	33.73 0.90 0.00	29.77 0.73 0.00	25.01 0.36 0.00
KATONAH__115KV_46KV_TB4 355592	30.55 1.86 0.00	26.64 1.56 0.00	23.69 1.39 0.00	24.81 1.41 0.00	24.80 1.35 0.00	26.48 1.42 0.00	32.32 1.76 0.00	35.46 2.19 0.00	39.80 2.56 -0.02	37.12 2.27 -2.19	34.67 2.21 -0.18	35.64 2.34 0.00	35.64 2.48 0.00	33.25 2.16 -1.28	32.64 2.36 0.00	33.72 2.33 0.00	33.60 2.18 0.00	36.00 2.38 0.00	32.57 2.24 0.00	36.50 2.18 0.00	32.99 2.02 0.00	34.72 1.89 0.00	33.04 1.83 -2.16	31.79 1.60 -5.54
KCE_NY_1 323755	30.37 1.68 0.00	26.54 1.47 0.00	23.67 1.37 0.00	24.78 1.39 0.00	24.87 1.42 0.00	26.51 1.45 0.00	32.29 1.73 0.00	35.17 1.91 0.00	39.34 2.15 0.03	34.71 1.78 -0.26	33.76 1.71 0.23	34.98 1.68 0.00	35.08 1.92 0.00	31.97 1.71 -0.45	32.19 1.92 0.00	33.48 2.10 0.00	33.45 2.04 0.00	35.87 2.26 0.00	32.34 2.02 0.00	36.47 2.15 0.00	32.95 1.97 0.00	34.63 1.80 0.00	31.41 1.61 -0.76	28.03 1.45 -1.94
KCE_NY_6_ESR 323823	29.17 0.48 0.00	25.62 0.54 0.00	22.59 0.29 0.00	23.72 0.32 0.00	23.63 0.18 0.00	25.54 0.48 0.00	31.13 0.57 0.00	33.04 -0.23 0.00	36.79 -0.42 0.00	32.40 -0.26 0.00	31.59 -0.69 0.00	32.33 -0.96 0.00	32.09 -1.07 0.00	28.81 -1.00 0.00	29.12 -1.15 0.00	30.36 -1.02 0.00	30.86 -0.55 0.00	33.89 0.28 0.00	30.68 0.35 0.00	34.93 0.60 0.00	31.32 0.34 0.00	33.24 0.41 0.00	29.26 0.22 0.00	24.89 0.25 0.00
KEDC_PORT_JEFF_GT2 24210	30.98 2.29 0.00	27.06 1.98 0.00	24.03 1.73 0.00	25.21 1.81 0.00	25.14 1.70 0.00	26.84 1.78 0.00	32.81 2.24 0.00	36.47 3.19 -0.02	73.06 3.66 -32.19	50.60 3.03 -14.91	48.42 2.56 -13.58	123.98 2.66 -88.02	140.68 2.80 -104.72	60.26 2.47 -27.97	152.90 2.82 -119.81	235.56 2.66 -201.52	63.01 2.26 -29.33	151.54 2.28 -115.65	112.67 2.55 -79.79	198.44 2.17 -161.94	95.46 2.47 -62.02	149.03 2.23 -113.96	43.06 2.33 -11.68	37.24 2.36 -10.23
KEDC_PORT_JEFF_GT3 24211	30.98 2.29 0.00	27.06 1.98 0.00	24.03 1.73 0.00	25.21 1.81 0.00	25.14 1.70 0.00	26.84 1.78 0.00	32.81 2.24 0.00	36.47 3.19 -0.02	73.06 3.66 -32.19	50.60 3.03 -14.91	48.42 2.56 -13.58	123.98 2.66 -88.02	140.68 2.80 -104.72	60.26 2.47 -27.97	152.90 2.82 -119.81	235.56 2.66 -201.52	63.01 2.26 -29.33	151.54 2.28 -115.65	112.67 2.55 -79.79	198.44 2.17 -161.94	95.46 2.47 -62.02	149.03 2.23 -113.96	43.06 2.33 -11.68	37.24 2.36 -10.23
KEDC_GLWD_GT4 24219	30.82 2.13 0.00	26.88 1.81 0.00	23.89 1.58 0.00	25.02 1.62 0.00	24.96 1.52 0.00	26.67 1.61 0.00	32.56 2.00 0.00	35.80 2.54 0.00	40.16 2.92 -0.02	38.48 2.58 -3.24	34.96 2.49 -0.18	35.80 2.51 0.00	36.02 2.59 -0.27	33.79 2.36 -1.62	33.19 2.69 -0.23	33.93 2.55 0.00	33.48 2.08 0.02	35.78 2.16 0.00	32.53 2.20 0.00	36.34 2.01 0.00	32.99 2.02 0.00	34.67 1.84 0.00	34.50 2.07 -3.38	35.18 1.88 -8.66
KEDC_GLWD_GT5 24220	30.82 2.13 0.00	26.88 1.81 0.00	23.89 1.58 0.00	25.02 1.62 0.00	24.96 1.52 0.00	26.67 1.61 0.00	32.56 2.00 0.00	35.80 2.54 0.00	40.16 2.92 -0.02	38.48 2.58 -3.24	34.96 2.49 -0.18	35.80 2.51 0.00	36.02 2.59 -0.27	33.79 2.36 -1.62	33.19 2.69 -0.23	33.93 2.55 0.00	33.48 2.08 0.02	35.78 2.16 0.00	32.53 2.20 0.00	36.34 2.01 0.00	32.99 2.02 0.00	34.67 1.84 0.00	34.50 2.07 -3.38	35.18 1.88 -8.66
KENSICO____ 23655	30.41 1.71 0.00	26.51 1.43 0.00	23.58 1.28 0.00	24.71 1.32 0.00	24.68 1.23 0.00	26.36 1.30 0.00	32.16 1.60 0.00	35.29 2.02 0.00	39.59 2.35 -0.02	38.17 2.06 -3.45	34.48 2.01 -0.18	35.40 2.10 0.00	35.39 2.23 0.00	33.43 1.95 -1.66	32.43 2.16 0.00	33.52 2.14 0.00	33.37 1.95 0.00	35.73 2.12 0.00	32.35 2.02 0.00	36.25 1.92 0.00	32.77 1.80 0.00	34.53 1.70 0.00	34.36 1.69 -3.62	35.43 1.51 -9.28
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.34 1.65 0.00	26.42 1.34 0.00	23.51 1.20 0.00	24.62 1.22 0.00	24.59 1.14 0.00	26.25 1.19 0.00	32.07 1.51 0.00	35.15 1.88 0.00	39.43 2.20 -0.01	34.77 1.96 -0.15	34.37 1.99 -0.09	35.56 2.27 0.00	35.52 2.37 0.00	31.74 2.12 0.20	32.26 1.99 0.00	33.48 2.09 0.00	33.45 2.03 0.00	35.90 2.28 0.00	32.49 2.17 0.00	36.37 2.04 0.00	32.85 1.87 0.00	34.60 1.77 0.00	30.87 1.82 0.00	26.16 1.52 0.00
KIAC_JFK_GT1 23816	30.79 2.10 0.00	26.82 1.75 0.00	23.85 1.54 0.00	24.96 1.56 0.00	24.90 1.45 0.00	26.60 1.54 0.00	32.49 1.93 0.00	35.68 2.41 0.00	40.06 2.82 -0.02	38.42 2.50 -3.26	34.85 2.38 -0.18	35.74 2.45 0.00	35.71 2.56 0.00	33.68 2.24 -1.62	32.73 2.46 0.00	33.84 2.45 0.00	33.64 2.23 0.00	36.05 2.44 0.00	32.61 2.28 0.00	36.51 2.18 0.00	33.00 2.03 0.00	34.85 2.02 0.00	34.49 2.03 -3.41	35.15 1.78 -8.73
KIAC_JFK_GT2 23817	30.79 2.10 0.00	26.82 1.75 0.00	23.85 1.54 0.00	24.96 1.56 0.00	24.90 1.45 0.00	26.60 1.54 0.00	32.49 1.93 0.00	35.68 2.41 0.00	40.06 2.82 -0.02	38.42 2.50 -3.26	34.85 2.38 -0.18	35.74 2.45 0.00	35.71 2.56 0.00	33.68 2.24 -1.62	32.73 2.46 0.00	33.84 2.45 0.00	33.64 2.23 0.00	36.05 2.44 0.00	32.61 2.28 0.00	36.51 2.18 0.00	33.00 2.03 0.00	34.85 2.02 0.00	34.49 2.03 -3.41	35.15 1.78 -8.73
KIAC_JFK____ 323774	30.79 2.09 0.00	26.82 1.75 0.00	23.85 1.55 0.00	24.95 1.56 0.00	24.90 1.45 0.00	26.59 1.53 0.00	32.49 1.93 0.00	35.68 2.42 0.00	40.06 2.82 -0.02	38.42 2.49 -3.26	34.84 2.38 -0.18	35.74 2.44 0.00	35.71 2.56 0.00	33.67 2.24 -1.62	32.73 2.45 0.00	33.84 2.46 0.00	33.64 2.22 0.00	36.05 2.44 0.00	32.60 2.27 0.00	36.51 2.18 0.00	33.00 2.02 0.00	34.85 2.02 0.00	34.49 2.03 -3.41	35.15 1.78 -8.73
KINTIGH____ 23543	28.57 -0.12 0.00	25.14 0.06 0.00	22.20 -0.11 0.00	23.29 -0.11 0.00	23.24 -0.20 0.00	25.04 -0.02 0.00	30.52 -0.05 0.00	32.41 -0.86 0.00	36.07 -1.15 0.00	31.76 -0.90 0.00	30.97 -1.32 0.00	31.67 -1.63 0.00	31.48 -1.68 0.00	28.25 -1.57 0.00	28.61 -1.66 0.00	29.83 -1.55 0.00	30.25 -1.16 0.00	33.18 -0.43 0.00	30.03 -0.30 0.00	34.13 -0.20 0.00	30.61 -0.37 0.00	32.44 -0.39 0.00	28.58 -0.47 0.00	24.37 -0.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.19 1.50 0.00	26.45 1.37 0.00	23.29 0.99 0.00	24.16 0.76 0.00	24.20 0.75 0.00	26.17 1.11 0.00	31.96 1.40 0.00	34.79 1.52 0.00	39.11 1.89 0.00	34.33 1.67 0.00	34.12 1.84 0.00	35.26 1.96 0.00	34.93 1.77 0.00	31.54 1.72 0.00	31.94 1.67 0.00	32.68 1.30 0.00	32.99 1.58 0.00	35.38 1.77 0.00	31.88 1.55 0.00	36.28 1.95 0.00	32.73 1.75 0.00	34.80 1.97 0.00	30.81 1.76 0.00	25.86 1.21 0.00

LACHUTE____HYDRO 323717	32.01 3.32 0.00	27.79 2.72 0.00	24.79 2.49 0.00	25.89 2.49 0.00	26.01 2.56 0.00	27.75 2.69 0.00	33.82 3.26 0.00	36.91 3.65 0.00	41.21 4.02 0.03	36.19 3.26 -0.27	35.19 3.13 0.22	36.43 3.13 0.00	36.48 3.33 0.00	33.46 3.20 -0.45	33.80 3.53 0.00	35.09 3.71 0.00	35.22 3.81 0.00	37.74 4.12 0.00	33.67 3.35 0.00	37.90 3.57 0.00	34.37 3.40 0.00	35.83 3.01 0.00	32.44 2.64 -0.75	29.09 2.52 -1.93
LAWRNCAV_115KV_TB1 80681	28.21 -0.65 -0.16	24.49 -0.59 0.00	21.69 -0.61 0.00	22.74 -0.66 0.00	22.88 -0.56 0.00	24.56 -0.50 0.00	30.22 -0.57 -0.23	33.04 -0.53 -0.30	36.65 -0.57 0.00	32.14 -0.53 0.00	31.80 -0.48 0.00	32.91 -0.38 0.00	32.67 -0.49 0.00	29.39 -0.43 0.00	29.67 -0.61 0.00	30.64 -0.74 0.00	30.79 -0.62 0.00	32.81 -0.80 0.00	29.52 -0.80 0.00	33.60 -0.72 0.00	30.35 -0.63 0.00	32.42 -0.41 0.00	28.56 -0.49 0.00	24.12 -0.52 0.00
LEDERLE____ 23769	30.27 1.58 0.00	26.38 1.31 0.00	23.48 1.17 0.00	24.64 1.24 0.00	24.59 1.14 0.00	26.28 1.22 0.00	32.05 1.48 0.00	35.16 1.89 0.00	39.44 2.21 -0.02	31.05 1.95 3.56	34.38 1.93 -0.17	35.39 2.09 0.00	35.40 2.24 0.00	30.11 1.99 1.70	32.54 2.27 0.00	33.70 2.31 0.00	33.59 2.18 0.00	36.01 2.40 0.00	32.56 2.24 0.00	36.47 2.15 0.00	32.95 1.97 0.00	34.69 1.86 0.00	26.33 1.75 4.46	14.68 1.46 11.42
LIGHTHSE_115KV_TB6 355974	29.75 -0.20 -1.26	24.76 -0.33 -0.02	21.97 -0.34 0.00	23.09 -0.31 0.00	23.21 -0.24 0.00	24.91 -0.15 0.00	32.18 -0.19 -1.81	35.58 -0.01 -2.32	37.19 -0.03 0.00	33.13 -0.01 -0.48	34.49 -0.10 -2.31	35.78 -0.12 -2.60	35.62 -0.14 -2.61	31.96 -0.10 -2.25	32.39 -0.21 -2.33	33.56 -0.39 -2.57	33.67 -0.31 -2.57	36.41 -0.11 -2.91	32.51 -0.14 -2.33	37.37 -0.14 -3.18	33.37 -0.05 -2.45	35.69 0.03 -2.83	30.39 -0.08 -1.43	24.49 -0.15 0.00
LINDEN COGEN____ 23786	30.45 1.77 0.00	26.53 1.46 0.00	23.56 1.26 0.00	24.69 1.29 0.00	24.65 1.20 0.00	26.34 1.28 0.00	31.49 1.60 0.67	33.78 2.03 1.52	33.44 2.32 6.10	34.06 2.06 0.67	34.05 2.01 0.25	34.86 2.10 0.53	34.47 2.21 0.89	33.35 1.92 -1.62	32.39 2.12 0.00	33.47 2.09 0.00	33.27 1.86 0.00	35.17 1.99 0.44	32.22 1.89 0.01	34.35 1.77 1.75	32.62 1.65 0.01	32.72 1.57 1.68	24.97 1.62 5.69	25.03 1.49 1.10
LINDHRST_69_KV_BK1 356055	31.26 2.56 0.00	27.30 2.22 0.00	24.21 1.91 0.00	25.38 1.99 0.00	25.30 1.86 0.00	27.04 1.99 0.00	33.02 2.46 0.00	36.48 3.21 0.00	44.28 3.75 -3.31	40.26 3.20 -4.40	36.46 2.80 -1.38	43.79 2.97 -7.52	45.74 3.15 -9.43	36.48 2.82 -3.84	44.11 3.16 -10.67	52.09 2.90 -17.82	37.07 2.57 -3.09	46.30 2.54 -10.15	40.19 2.71 -7.15	51.17 2.39 -14.45	39.44 2.65 -5.82	45.30 2.40 -10.07	35.72 2.53 -4.15	35.80 2.36 -8.80
LIPA_MISC_IPP 23656	30.91 2.22 0.00	26.98 1.91 0.00	23.97 1.66 0.00	25.18 1.79 0.00	25.12 1.68 0.00	26.82 1.76 0.00	32.80 2.23 0.00	36.65 3.36 -0.03	77.28 3.87 -36.19	52.03 3.30 -16.06	48.69 2.87 -13.53	121.01 2.99 -84.72	139.32 3.14 -103.02	59.42 2.88 -26.72	150.96 3.18 -117.51	238.06 2.98 -203.70	130.45 2.71 -96.32	154.09 2.66 -117.81	133.06 2.86 -99.87	233.57 2.47 -196.77	142.10 2.80 -108.32	160.14 2.51 -124.80	43.60 2.65 -11.90	37.38 2.54 -10.21
LISF____SOLAR 323691	30.96 2.27 0.00	27.02 1.95 0.00	24.01 1.71 0.00	25.23 1.83 0.00	25.16 1.71 0.00	26.86 1.80 0.00	32.85 2.29 0.00	36.71 3.42 -0.02	76.33 3.94 -35.18	51.76 3.35 -15.74	48.59 2.94 -13.37	120.50 3.10 -84.10	138.34 3.24 -101.94	59.31 2.92 -26.57	149.83 3.23 -116.33	237.90 3.08 -203.43	161.42 2.76 -127.24	155.01 2.75 -118.64	142.27 2.95 -109.00	249.56 2.58 -212.65	163.40 2.90 -129.52	165.05 2.61 -129.61	43.55 2.74 -11.76	37.43 2.60 -10.19
LITTLE FALLS____HYD 24013	28.59 -0.10 0.00	24.91 -0.16 0.00	22.32 0.01 0.00	23.39 0.00 0.00	23.47 0.02 0.00	24.99 -0.07 0.00	30.40 -0.16 0.00	33.12 -0.14 0.00	36.96 -0.26 0.00	32.29 -0.37 0.00	31.95 -0.33 0.00	33.06 -0.23 0.00	33.05 -0.11 0.00	30.01 0.19 0.00	30.43 0.16 0.00	31.63 0.25 0.00	31.31 -0.11 0.00	33.80 0.19 0.00	30.52 0.19 0.00	34.44 0.12 0.00	31.06 0.08 0.00	32.58 -0.25 0.00	28.89 -0.15 0.00	24.57 -0.07 0.00
LITTLRIV_115KV_TB1 356100	28.49 -0.38 -0.17	24.72 -0.36 0.00	21.90 -0.41 0.00	22.95 -0.45 0.00	23.11 -0.34 0.00	24.82 -0.24 0.00	30.59 -0.22 -0.25	33.45 -0.15 -0.33	37.07 -0.15 0.00	32.53 -0.20 -0.07	32.43 -0.18 -0.32	33.69 0.03 -0.36	33.46 -0.06 -0.36	30.12 -0.01 -0.31	30.33 -0.26 -0.32	31.32 -0.42 -0.35	31.48 -0.29 -0.35	33.58 -0.43 -0.40	30.18 -0.47 -0.32	34.42 -0.34 -0.44	31.07 -0.24 -0.34	33.21 -0.01 -0.39	29.08 -0.16 -0.20	24.37 -0.27 0.00
LI_NEWBRDGE____DRP 323616	30.65 1.96 0.00	26.76 1.69 0.00	23.76 1.46 0.00	24.91 1.51 0.00	24.85 1.40 0.00	26.53 1.48 0.00	32.39 1.82 0.00	35.67 2.41 0.00	39.98 2.74 -0.02	38.25 2.35 -3.24	34.56 2.09 -0.18	35.51 2.22 0.00	35.85 2.42 -0.27	33.60 2.17 -1.61	32.94 2.44 -0.23	33.61 2.23 0.00	33.32 1.90 0.00	35.46 1.84 0.00	32.37 2.05 0.00	36.03 1.70 0.00	32.89 1.92 0.00	34.48 1.65 0.00	34.27 1.85 -3.38	35.08 1.78 -8.66
LOCKPORT_115KV_TB60_63_64 80432	28.77 0.07 0.00	25.33 0.25 0.00	22.36 0.05 0.00	23.44 0.05 0.00	23.37 -0.08 0.00	25.21 0.15 0.00	30.70 0.13 0.00	32.35 -0.91 0.00	35.98 -1.24 0.00	31.71 -0.95 0.00	30.85 -1.43 0.00	31.55 -1.75 0.00	31.37 -1.78 0.00	28.10 -1.71 0.00	28.43 -1.84 0.00	29.69 -1.70 0.00	30.18 -1.23 0.00	33.25 -0.37 0.00	30.15 -0.18 0.00	34.30 -0.03 0.00	30.74 -0.24 0.00	32.59 -0.23 0.00	28.68 -0.36 0.00	24.49 -0.15 0.00
LOCKPORT____CC1 323769	28.76 0.06 0.00	25.32 0.24 0.00	22.34 0.03 0.00	23.43 0.03 0.00	23.36 -0.09 0.00	25.22 0.16 0.00	30.69 0.12 0.00	32.35 -0.92 0.00	35.97 -1.25 0.00	31.72 -0.95 0.00	30.85 -1.43 0.00	31.54 -1.76 0.00	31.36 -1.80 0.00	28.12 -1.70 0.00	28.43 -1.84 0.00	29.66 -1.72 0.00	30.17 -1.24 0.00	33.24 -0.38 0.00	30.13 -0.20 0.00	34.26 -0.06 0.00	30.72 -0.26 0.00	32.58 -0.25 0.00	28.67 -0.37 0.00	24.48 -0.16 0.00
LOCKPORT____CC2 323770	28.76 0.06 0.00	25.32 0.24 0.00	22.34 0.03 0.00	23.43 0.03 0.00	23.36 -0.09 0.00	25.22 0.16 0.00	30.69 0.12 0.00	32.35 -0.92 0.00	35.97 -1.25 0.00	31.72 -0.95 0.00	30.85 -1.43 0.00	31.54 -1.76 0.00	31.36 -1.80 0.00	28.12 -1.70 0.00	28.43 -1.84 0.00	29.66 -1.72 0.00	30.17 -1.24 0.00	33.24 -0.38 0.00	30.13 -0.20 0.00	34.26 -0.06 0.00	30.72 -0.26 0.00	32.58 -0.25 0.00	28.67 -0.37 0.00	24.48 -0.16 0.00
LOCKPORT____CC3 323771	28.76 0.06 0.00	25.32 0.24 0.00	22.34 0.03 0.00	23.43 0.03 0.00	23.36 -0.09 0.00	25.22 0.16 0.00	30.69 0.12 0.00	32.35 -0.92 0.00	35.97 -1.25 0.00	31.72 -0.95 0.00	30.85 -1.43 0.00	31.54 -1.76 0.00	31.36 -1.80 0.00	28.12 -1.70 0.00	28.43 -1.84 0.00	29.66 -1.72 0.00	30.17 -1.24 0.00	33.24 -0.38 0.00	30.13 -0.20 0.00	34.26 -0.06 0.00	30.72 -0.26 0.00	32.58 -0.25 0.00	28.67 -0.37 0.00	24.48 -0.16 0.00

LONG_LAKE_PHOENIX 24014	30.02 -0.41 -1.74	24.72 -0.38 -0.02	21.95 -0.36 0.00	23.03 -0.37 0.00	23.05 -0.40 0.00	24.67 -0.39 0.00	32.60 -0.47 -2.51	35.94 -0.54 -3.22	36.61 -0.61 0.00	32.83 -0.50 -0.67	35.05 -0.46 -3.23	36.42 -0.52 -3.64	36.33 -0.47 -3.64	32.54 -0.43 -3.15	33.05 -0.48 -3.25	34.54 -0.44 -3.59	34.63 -0.37 -3.59	37.43 -0.24 -4.06	33.35 -0.23 -3.26	38.52 -0.26 -4.45	34.14 -0.26 -3.42	36.44 -0.35 -3.96	30.67 -0.37 -2.00	24.31 -0.33 0.00
LOVETT___3 23632	30.12 1.43 0.00	26.26 1.19 0.00	23.38 1.07 0.00	24.53 1.14 0.00	24.50 1.05 0.00	26.17 1.11 0.00	31.89 1.33 0.00	34.97 1.70 0.00	39.22 1.99 -0.02	30.66 1.75 3.75	34.17 1.72 -0.17	35.13 1.83 0.00	35.14 1.98 0.00	29.80 1.74 1.75	32.22 1.95 0.00	33.33 1.95 0.00	33.22 1.81 0.00	35.59 1.98 0.00	32.20 1.87 0.00	36.08 1.76 0.00	32.61 1.63 0.00	34.33 1.50 0.00	25.86 1.50 4.68	13.97 1.31 11.98
LOVETT___4 23642	30.12 1.43 0.00	26.26 1.19 0.00	23.38 1.07 0.00	24.53 1.14 0.00	24.50 1.05 0.00	26.17 1.11 0.00	31.89 1.33 0.00	34.97 1.70 0.00	39.22 1.99 -0.02	30.66 1.75 3.75	34.17 1.72 -0.17	35.13 1.83 0.00	35.14 1.98 0.00	29.80 1.74 1.75	32.22 1.95 0.00	33.33 1.95 0.00	33.22 1.81 0.00	35.59 1.98 0.00	32.20 1.87 0.00	36.08 1.76 0.00	32.61 1.63 0.00	34.33 1.50 0.00	25.86 1.50 4.68	13.97 1.31 11.98
LOVETT___5 23593	30.12 1.43 0.00	26.26 1.19 0.00	23.38 1.07 0.00	24.53 1.14 0.00	24.50 1.05 0.00	26.17 1.11 0.00	31.89 1.33 0.00	34.97 1.70 0.00	39.22 1.99 -0.02	30.66 1.75 3.75	34.17 1.72 -0.17	35.13 1.83 0.00	35.14 1.98 0.00	29.80 1.74 1.75	32.22 1.95 0.00	33.33 1.95 0.00	33.22 1.81 0.00	35.59 1.98 0.00	32.20 1.87 0.00	36.08 1.76 0.00	32.61 1.63 0.00	34.33 1.50 0.00	25.86 1.50 4.68	13.97 1.31 11.98
LOWER_RAQUET___HYD 24057	28.11 -0.77 -0.18	24.37 -0.70 0.00	21.57 -0.74 0.00	22.61 -0.78 0.00	22.77 -0.67 0.00	24.46 -0.60 0.00	30.14 -0.69 -0.26	32.98 -0.63 -0.35	36.52 -0.69 0.00	32.10 -0.64 -0.07	32.03 -0.59 -0.34	33.18 -0.49 -0.38	32.95 -0.59 -0.38	29.63 -0.52 -0.33	29.91 -0.70 -0.34	30.90 -0.86 -0.38	31.06 -0.74 -0.38	33.13 -0.91 -0.43	29.76 -0.90 -0.34	33.95 -0.84 -0.47	30.61 -0.72 -0.36	32.74 -0.51 -0.41	28.67 -0.58 -0.21	24.01 -0.62 0.00
LOWER___HUDSON 24059	29.82 1.13 0.00	26.10 1.03 0.00	23.32 1.01 0.00	24.43 1.03 0.00	24.52 1.07 0.00	26.09 1.03 0.00	31.74 1.17 0.00	34.52 1.25 0.00	38.59 1.40 0.03	34.01 1.15 -0.20	33.11 1.10 0.28	34.42 1.12 0.00	34.44 1.28 0.00	31.48 1.18 -0.48	31.66 1.38 0.00	32.86 1.48 0.00	32.81 1.39 0.00	35.11 1.49 0.00	31.64 1.31 0.00	35.64 1.31 0.00	32.22 1.24 0.00	33.90 1.07 0.00	30.89 1.05 -0.80	27.70 1.02 -2.04
LOWVILLE_115KV_TB2 356335	29.19 0.04 -0.46	24.59 -0.49 -0.01	21.59 -0.72 0.00	22.95 -0.45 0.00	23.41 -0.04 0.00	25.20 0.14 0.00	31.34 0.11 -0.66	34.85 0.73 -0.85	38.00 0.78 0.00	33.49 0.65 -0.17	33.64 0.52 -0.83	34.86 0.63 -0.93	34.59 0.49 -0.94	31.15 0.53 -0.81	31.46 0.35 -0.84	32.34 0.03 -0.92	32.44 0.10 -0.92	35.00 0.34 -1.05	31.32 0.16 -0.84	35.67 0.20 -1.14	32.12 0.27 -0.88	34.42 0.57 -1.02	29.91 0.35 -0.51	24.69 0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.35 1.65 0.00	26.52 1.45 0.00	23.64 1.34 0.00	24.77 1.37 0.00	24.85 1.41 0.00	26.49 1.43 0.00	32.28 1.72 0.00	35.15 1.88 0.00	39.31 2.12 0.03	34.68 1.75 -0.26	33.74 1.68 0.23	34.95 1.65 0.00	35.01 1.85 0.00	31.96 1.69 -0.45	32.18 1.91 0.00	33.45 2.06 0.00	33.42 2.01 0.00	35.85 2.23 0.00	32.30 1.98 0.00	36.40 2.08 0.00	32.89 1.92 0.00	34.59 1.76 0.00	31.37 1.57 -0.76	28.00 1.42 -1.94
LUTHERNY_35_KV_BK2 355980	30.37 1.68 0.00	26.54 1.47 0.00	23.66 1.36 0.00	24.78 1.39 0.00	24.87 1.42 0.00	26.51 1.45 0.00	32.30 1.73 0.00	35.17 1.91 0.00	39.34 2.15 0.03	34.72 1.79 -0.26	33.77 1.71 0.23	34.98 1.68 0.00	35.09 1.93 0.00	31.98 1.71 -0.45	32.19 1.92 0.00	33.48 2.10 0.00	33.45 2.04 0.00	35.87 2.26 0.00	32.34 2.02 0.00	36.47 2.14 0.00	32.95 1.97 0.00	34.63 1.80 0.00	31.41 1.61 -0.76	28.03 1.45 -1.94
LWR___OSWEGATCHIE_HYD 23850	28.62 -0.43 -0.36	24.45 -0.63 0.00	21.59 -0.72 0.00	22.76 -0.64 0.00	23.04 -0.41 0.00	24.78 -0.28 0.00	30.73 -0.35 -0.52	33.92 -0.02 -0.67	37.18 -0.04 0.00	32.73 -0.07 -0.14	32.81 -0.14 -0.66	33.96 -0.08 -0.74	33.72 -0.18 -0.74	30.35 -0.10 -0.64	30.65 -0.28 -0.67	31.57 -0.55 -0.73	31.72 -0.43 -0.73	34.05 -0.40 -0.83	30.52 -0.47 -0.67	34.83 -0.41 -0.91	31.40 -0.28 -0.70	33.59 -0.05 -0.81	29.27 -0.18 -0.41	24.30 -0.34 0.00
LYONS_FALL_HYD 23570	29.37 0.40 -0.28	25.14 0.06 0.00	22.21 -0.09 0.00	23.46 0.06 0.00	23.71 0.26 0.00	25.46 0.40 0.00	31.44 0.48 -0.40	34.63 0.85 -0.51	38.20 0.98 0.00	33.60 0.83 -0.10	33.52 0.76 -0.48	34.78 0.94 -0.54	34.54 0.84 -0.54	31.06 0.77 -0.47	31.44 0.68 -0.48	32.45 0.54 -0.53	32.51 0.57 -0.54	35.06 0.84 -0.61	31.50 0.69 -0.48	35.73 0.74 -0.66	32.17 0.68 -0.51	34.24 0.82 -0.59	29.93 0.59 -0.30	24.99 0.35 0.00
MADISON___COUNTY_LFGE 323628	29.75 0.78 -0.28	25.67 0.59 0.00	22.80 0.49 0.00	23.94 0.55 0.00	24.01 0.56 0.00	25.72 0.66 0.00	31.86 0.89 -0.40	34.83 1.05 -0.51	38.48 1.26 0.00	33.85 1.09 -0.10	33.79 1.03 -0.47	35.08 1.25 -0.53	34.89 1.19 -0.53	31.29 1.02 -0.46	31.82 1.08 -0.47	33.00 1.09 -0.52	33.03 1.10 -0.52	35.64 1.44 -0.59	32.06 1.25 -0.47	36.34 1.37 -0.65	32.65 1.18 -0.50	34.57 1.16 -0.58	30.24 0.90 -0.29	25.32 0.68 0.00
MALONE___115KV_TB1 356076	29.21 0.52 0.00	25.54 0.47 0.00	22.53 0.22 0.00	23.45 0.06 0.00	23.58 0.13 0.00	25.48 0.42 0.00	31.02 0.45 0.00	33.79 0.53 0.00	37.99 0.77 0.00	33.37 0.70 0.00	33.12 0.83 0.00	34.34 1.05 0.00	34.03 0.87 0.00	30.60 0.78 0.00	30.94 0.67 0.00	31.80 0.42 0.00	32.07 0.66 0.00	34.31 0.70 0.00	30.93 0.60 0.00	35.19 0.87 0.00	31.76 0.78 0.00	33.81 0.98 0.00	29.79 0.74 0.00	25.02 0.38 0.00
MAPLEWOD_115KV_TB3 80458	29.90 1.21 0.00	26.15 1.08 0.00	23.34 1.03 0.00	24.47 1.07 0.00	24.53 1.08 0.00	26.06 1.00 0.00	31.72 1.15 0.00	34.54 1.27 0.00	38.64 1.45 0.02	34.19 1.22 -0.30	33.24 1.17 0.21	34.52 1.22 0.00	34.53 1.38 0.00	31.58 1.30 -0.46	31.74 1.47 0.00	32.97 1.59 0.00	32.82 1.41 0.00	35.13 1.52 0.00	31.67 1.34 0.00	35.65 1.32 0.00	32.22 1.24 0.00	33.90 1.06 0.00	30.85 1.04 -0.78	27.64 1.00 -2.00
MAPLE_RIDGE_WT_1 323574	28.33 -0.36 0.00	24.71 -0.37 0.00	21.90 -0.40 0.00	23.02 -0.37 0.00	23.26 -0.19 0.00	24.86 -0.20 0.00	30.43 -0.13 0.00	33.29 0.02 0.00	37.25 0.04 0.00	32.68 0.01 0.00	32.27 -0.01 0.00	33.23 -0.06 0.00	33.08 -0.08 0.00	29.79 -0.03 0.00	30.28 0.01 0.00	31.31 -0.08 0.00	31.28 -0.14 0.00	33.57 -0.04 0.00	30.21 -0.12 0.00	34.07 -0.26 0.00	30.78 -0.19 0.00	32.63 -0.20 0.00	28.87 -0.18 0.00	24.35 -0.30 0.00

MAPLE RIDGE_WT_2 323611	28.33 -0.36 0.00	24.71 -0.37 0.00	21.90 -0.40 0.00	23.02 -0.37 0.00	23.26 -0.19 0.00	24.86 -0.20 0.00	30.43 -0.13 0.00	33.29 0.02 0.00	37.25 0.04 0.00	32.68 0.01 0.00	32.27 -0.01 0.00	33.23 -0.06 0.00	33.08 -0.08 0.00	29.79 -0.03 0.00	30.28 0.01 0.00	31.31 -0.08 0.00	31.28 -0.14 0.00	33.57 -0.04 0.00	30.21 -0.12 0.00	34.07 -0.26 0.00	30.78 -0.19 0.00	32.63 -0.20 0.00	28.87 -0.18 0.00	24.35 -0.30 0.00
MARBLE RIVER_WT_PWR 323696	29.25 0.56 0.00	25.64 0.56 0.00	22.59 0.28 0.00	23.46 0.06 0.00	23.52 0.07 0.00	25.49 0.42 0.00	30.99 0.42 0.00	33.69 0.42 0.00	37.91 0.69 0.00	33.34 0.68 0.00	33.14 0.85 0.00	34.26 0.96 0.00	33.93 0.77 0.00	30.52 0.70 0.00	30.92 0.64 0.00	31.74 0.36 0.00	32.05 0.64 0.00	34.28 0.67 0.00	30.89 0.56 0.00	35.14 0.82 0.00	31.71 0.74 0.00	33.72 0.89 0.00	29.76 0.72 0.00	24.98 0.34 0.00
MARSHVLE_115KV_TB1 80742	31.09 2.40 0.00	27.13 2.05 0.00	23.99 1.68 0.00	25.19 1.80 0.00	25.30 1.86 0.00	27.14 2.08 0.00	33.13 2.56 0.00	36.08 2.81 0.00	40.21 3.01 0.02	35.48 2.58 -0.24	34.59 2.44 0.14	35.70 2.41 0.00	35.59 2.43 0.00	32.31 2.17 -0.32	32.59 2.32 0.00	33.86 2.48 0.00	33.77 2.35 0.00	36.59 2.98 0.00	33.19 2.86 0.00	37.64 3.31 0.00	33.91 2.94 0.00	36.07 3.24 0.00	32.32 2.73 -0.55	28.23 2.19 -1.40
MARSH_HILL_WT_PWR 323713	29.29 0.41 -0.19	25.32 0.24 0.00	22.45 0.14 0.00	23.83 0.43 0.00	23.75 0.30 0.00	25.65 0.58 0.00	31.60 0.75 -0.28	34.25 0.63 -0.36	37.89 0.68 0.00	33.24 0.57 0.00	32.62 0.34 0.00	33.46 0.16 0.00	33.16 0.00 0.00	29.62 -0.20 0.00	29.81 -0.47 0.00	31.08 -0.30 0.00	31.13 -0.28 0.00	33.87 0.26 0.00	30.70 0.37 0.00	35.16 0.83 0.00	31.63 0.65 0.00	33.80 0.97 0.00	29.89 0.85 0.00	25.30 0.66 0.00
MCINTYRE_115KV_TB2 80467	28.82 -0.03 -0.15	25.06 -0.02 0.00	22.20 -0.10 0.00	23.27 -0.12 0.00	23.41 -0.04 0.00	25.13 0.07 0.00	30.96 0.17 -0.22	33.80 0.24 -0.29	37.50 0.28 0.00	32.77 0.11 0.00	32.42 0.14 0.00	33.63 0.33 0.00	33.41 0.25 0.00	30.08 0.27 0.00	30.29 0.01 0.00	31.29 -0.09 0.00	31.48 0.06 0.00	33.53 -0.09 0.00	30.18 -0.14 0.00	34.39 0.06 0.00	31.10 0.12 0.00	33.22 0.39 0.00	29.24 0.20 0.00	24.68 0.04 0.00
MECO____69_KV_BK1 80468	31.60 2.90 0.00	27.64 2.57 0.00	24.54 2.23 0.00	25.71 2.31 0.00	25.82 2.37 0.00	27.69 2.63 0.00	33.84 3.27 0.00	36.46 3.20 0.00	40.53 3.33 0.02	35.63 2.70 -0.27	34.75 2.61 0.15	36.01 2.71 0.00	35.93 2.77 0.00	33.79 3.62 -0.36	32.91 2.63 0.00	34.62 3.24 0.00	34.24 2.82 0.00	37.47 3.86 0.00	33.64 3.31 0.00	38.58 4.25 0.00	34.63 3.65 0.00	36.62 3.79 0.00	32.80 3.16 -0.61	28.86 2.67 -1.55
MENANDS__115KV_TB5 355628	29.59 0.90 0.00	25.91 0.84 0.00	23.15 0.84 0.00	24.26 0.86 0.00	24.33 0.89 0.00	25.80 0.74 0.00	31.36 0.80 0.00	34.15 0.88 0.00	38.20 1.01 0.03	33.81 0.85 -0.30	32.89 0.82 0.22	34.13 0.83 0.00	34.12 0.96 0.00	31.18 0.90 -0.47	31.36 1.08 0.00	32.54 1.15 0.00	32.43 1.02 0.00	34.67 1.06 0.00	31.27 0.94 0.00	35.18 0.86 0.00	31.81 0.83 0.00	33.47 0.64 0.00	30.52 0.69 -0.79	27.40 0.74 -2.02
MG INDUSTRY__DRP 24185	29.63 0.93 0.00	25.95 0.88 0.00	23.18 0.87 0.00	24.30 0.90 0.00	24.37 0.92 0.00	25.86 0.80 0.00	31.45 0.89 0.00	34.22 0.95 0.00	38.26 1.06 0.02	33.95 0.90 -0.39	32.99 0.84 0.13	34.06 0.76 0.00	33.98 0.82 0.00	30.99 0.76 -0.41	31.21 0.94 0.00	32.39 1.00 0.00	32.30 0.88 0.00	34.55 0.94 0.00	31.19 0.86 0.00	35.14 0.81 0.00	31.78 0.81 0.00	33.44 0.61 0.00	30.42 0.66 -0.72	27.24 0.75 -1.85
MID__OSWEGATCHIE_HYD 23849	28.62 -0.43 -0.36	24.45 -0.63 0.00	21.59 -0.72 0.00	22.76 -0.64 0.00	23.04 -0.41 0.00	24.78 -0.28 0.00	30.73 -0.35 -0.52	33.92 -0.02 -0.67	37.18 -0.04 0.00	32.73 -0.07 -0.14	32.81 -0.14 -0.66	33.96 -0.08 -0.74	33.72 -0.18 -0.74	30.35 -0.10 -0.64	30.65 -0.28 -0.67	31.57 -0.55 -0.73	31.72 -0.43 -0.73	34.05 -0.40 -0.83	30.52 -0.47 -0.67	34.83 -0.41 -0.91	31.40 -0.28 -0.70	33.59 -0.05 -0.81	29.27 -0.18 -0.41	24.30 -0.34 0.00
MID__RAQUETTE_HYD 23851	28.11 -0.77 -0.18	24.37 -0.70 0.00	21.57 -0.74 0.00	22.61 -0.78 0.00	22.77 -0.67 0.00	24.46 -0.60 0.00	30.14 -0.69 -0.26	32.98 -0.64 -0.35	36.52 -0.69 0.00	32.10 -0.64 -0.07	32.03 -0.59 -0.34	33.18 -0.49 -0.38	32.95 -0.59 -0.38	29.63 -0.52 -0.33	29.91 -0.70 -0.34	30.90 -0.86 -0.38	31.06 -0.73 -0.38	33.13 -0.91 -0.43	29.76 -0.90 -0.34	33.95 -0.85 -0.47	30.62 -0.72 -0.36	32.74 -0.51 -0.41	28.67 -0.58 -0.21	24.01 -0.63 0.00
MILLIKEN__1 23584	30.07 0.75 -0.63	25.66 0.57 -0.01	22.77 0.46 0.00	23.94 0.54 0.00	23.92 0.48 0.00	25.67 0.61 0.00	32.28 0.81 -0.90	35.25 0.83 -1.16	38.25 1.04 0.00	33.80 0.91 -0.23	34.17 0.77 -1.11	35.45 0.89 -1.26	35.22 0.80 -1.26	31.62 0.71 -1.09	32.00 0.61 -1.13	33.37 0.74 -1.24	33.53 0.87 -1.24	36.20 1.18 -1.41	32.57 1.11 -1.13	37.09 1.22 -1.54	33.19 1.03 -1.19	35.22 1.02 -1.37	30.52 0.78 -0.69	25.25 0.60 0.00
MILLIKEN__2 23585	30.07 0.75 -0.63	25.66 0.57 -0.01	22.77 0.46 0.00	23.94 0.54 0.00	23.92 0.48 0.00	25.67 0.61 0.00	32.28 0.81 -0.90	35.25 0.83 -1.16	38.25 1.04 0.00	33.80 0.91 -0.23	34.17 0.77 -1.11	35.45 0.89 -1.26	35.22 0.80 -1.26	31.62 0.71 -1.09	32.00 0.61 -1.13	33.37 0.74 -1.24	33.53 0.87 -1.24	36.20 1.18 -1.41	32.57 1.11 -1.13	37.09 1.22 -1.54	33.19 1.03 -1.19	35.22 1.02 -1.37	30.52 0.78 -0.69	25.25 0.60 0.00
MILLIKEN__DIESEL 23629	30.07 0.75 -0.63	25.66 0.57 -0.01	22.77 0.46 0.00	23.94 0.54 0.00	23.92 0.48 0.00	25.67 0.61 0.00	32.28 0.81 -0.90	35.25 0.83 -1.16	38.25 1.04 0.00	33.80 0.91 -0.23	34.17 0.77 -1.11	35.45 0.89 -1.26	35.22 0.80 -1.26	31.62 0.71 -1.09	32.00 0.61 -1.13	33.37 0.74 -1.24	33.53 0.87 -1.24	36.20 1.18 -1.41	32.57 1.11 -1.13	37.09 1.22 -1.54	33.19 1.03 -1.19	35.22 1.02 -1.37	30.52 0.78 -0.69	25.25 0.60 0.00
MILLSEAT__LFGE 323607	29.38 0.69 0.00	25.80 0.72 0.00	22.76 0.45 0.00	23.86 0.47 0.00	23.79 0.35 0.00	25.70 0.63 0.00	31.30 0.74 0.00	33.14 -0.12 0.00	36.98 -0.24 0.00	32.57 -0.10 0.00	31.70 -0.58 0.00	32.43 -0.87 0.00	32.26 -0.89 0.00	28.95 -0.87 0.00	29.25 -1.02 0.00	30.45 -0.93 0.00	30.93 -0.48 0.00	34.05 0.43 0.00	30.91 0.58 0.00	35.15 0.83 0.00	31.55 0.57 0.00	33.43 0.60 0.00	29.37 0.32 0.00	24.98 0.34 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.32 1.62 0.00	26.43 1.36 0.00	23.52 1.22 0.00	24.65 1.25 0.00	24.62 1.17 0.00	26.30 1.24 0.00	32.08 1.51 0.00	35.18 1.92 0.00	39.48 2.24 -0.02	38.20 1.95 -3.58	34.38 1.91 -0.18	35.31 2.01 0.00	35.30 2.14 0.00	33.37 1.87 -1.68	32.36 2.09 0.00	33.45 2.07 0.00	33.31 1.89 0.00	35.68 2.06 0.00	32.28 1.96 0.00	36.19 1.86 0.00	32.71 1.73 0.00	34.46 1.63 0.00	34.46 1.63 -3.78	35.77 1.44 -9.69

MILLWOOD_13_KV_LOAD 356217	30.43 1.74 0.00	26.53 1.45 0.00	23.60 1.29 0.00	24.73 1.33 0.00	24.70 1.26 0.00	26.38 1.32 0.00	32.18 1.62 0.00	35.31 2.04 0.00	39.63 2.39 -0.02	38.35 2.10 -3.58	34.54 2.07 -0.18	35.47 2.17 0.00	35.48 2.32 0.00	33.51 2.01 -1.68	32.49 2.21 0.00	33.59 2.20 0.00	33.45 2.03 0.00	35.84 2.22 0.00	32.43 2.10 0.00	36.34 2.01 0.00	32.85 1.87 0.00	34.60 1.77 0.00	34.57 1.74 -3.78	35.86 1.53 -9.69
MODEL_CITY_ENERGY 24167	28.43 -0.26 0.00	25.05 -0.03 0.00	22.11 -0.20 0.00	23.20 -0.20 0.00	23.12 -0.33 0.00	24.96 -0.10 0.00	30.36 -0.20 0.00	31.95 -1.32 0.00	35.48 -1.74 0.00	31.29 -1.37 0.00	30.43 -1.85 0.00	31.10 -2.19 0.00	30.94 -2.22 0.00	27.76 -2.06 0.00	28.07 -2.21 0.00	29.28 -2.10 0.00	29.80 -1.61 0.00	32.82 -0.80 0.00	29.77 -0.56 0.00	33.83 -0.49 0.00	30.34 -0.63 0.00	32.18 -0.65 0.00	28.33 -0.72 0.00	24.20 -0.44 0.00
MODERN_LFGE_ 323580	28.43 -0.26 0.00	25.05 -0.03 0.00	22.11 -0.20 0.00	23.20 -0.20 0.00	23.12 -0.33 0.00	24.96 -0.10 0.00	30.36 -0.20 0.00	31.95 -1.32 0.00	35.48 -1.74 0.00	31.29 -1.37 0.00	30.43 -1.85 0.00	31.10 -2.19 0.00	30.94 -2.22 0.00	27.76 -2.06 0.00	28.07 -2.21 0.00	29.28 -2.10 0.00	29.80 -1.61 0.00	32.82 -0.80 0.00	29.77 -0.56 0.00	33.83 -0.49 0.00	30.34 -0.63 0.00	32.18 -0.65 0.00	28.33 -0.72 0.00	24.20 -0.44 0.00
MOHAWK_PAPER___DRP 24187	29.90 1.21 0.00	26.15 1.08 0.00	23.34 1.03 0.00	24.47 1.07 0.00	24.53 1.08 0.00	26.06 1.00 0.00	31.72 1.15 0.00	34.54 1.27 0.00	38.64 1.45 0.02	34.19 1.22 -0.30	33.24 1.17 0.21	34.52 1.22 0.00	34.53 1.38 0.00	31.58 1.30 -0.46	31.74 1.47 0.00	32.97 1.59 0.00	32.82 1.41 0.00	35.13 1.52 0.00	31.67 1.34 0.00	35.65 1.32 0.00	32.22 1.24 0.00	33.90 1.06 0.00	30.85 1.04 -0.78	27.64 1.00 -2.00
MOHICAN___35_KV_115KV_LD 80490	30.54 1.85 0.00	26.64 1.57 0.00	23.74 1.44 0.00	24.85 1.45 0.00	24.95 1.50 0.00	26.60 1.54 0.00	32.42 1.85 0.00	35.36 2.09 0.00	39.57 2.38 0.03	34.84 1.91 -0.27	33.85 1.79 0.22	34.93 1.63 0.00	34.99 1.83 0.00	31.99 1.73 -0.45	32.29 2.01 0.00	33.56 2.18 0.00	33.69 2.27 0.00	36.15 2.54 0.00	32.49 2.17 0.00	36.63 2.31 0.00	33.14 2.17 0.00	34.74 1.91 0.00	31.47 1.67 -0.75	28.09 1.52 -1.93
MONGAUP___HYD 23641	29.59 0.90 0.00	25.76 0.69 0.00	23.03 0.73 0.00	24.02 0.63 0.00	24.03 0.58 0.00	25.69 0.62 0.00	31.59 1.02 0.00	34.76 1.49 0.00	38.96 1.72 -0.02	32.09 1.48 2.05	33.89 1.46 -0.14	35.03 1.73 0.00	34.97 1.81 0.00	30.04 1.46 1.24	31.96 1.69 0.00	32.73 1.34 0.00	32.45 1.04 0.00	34.87 1.25 0.00	31.60 1.27 0.00	35.59 1.26 0.00	32.36 1.38 0.00	34.28 1.45 0.00	27.74 1.35 2.66	18.97 1.14 6.81
MONTAUK___DIESEL 23721	32.42 3.73 0.00	28.25 3.17 0.00	25.06 2.76 0.00	26.35 2.96 0.00	26.28 2.83 0.00	28.08 3.02 0.00	34.43 3.87 0.00	38.61 5.32 -0.03	79.27 6.20 -35.86	54.11 5.49 -15.96	50.84 5.07 -13.49	123.06 5.19 -84.58	140.90 5.02 -102.72	61.18 4.67 -26.69	152.44 4.98 -117.19	239.19 4.71 -203.10	132.78 4.59 -96.77	155.84 4.70 -117.53	134.81 4.67 -99.81	235.60 4.65 -196.62	144.42 4.94 -108.51	162.07 4.66 -124.59	45.50 4.60 -11.86	38.92 4.08 -10.20
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.83 1.13 0.00	25.99 0.92 0.00	22.78 0.47 0.00	24.04 0.64 0.00	24.01 0.56 0.00	26.05 0.99 0.00	31.94 1.38 0.00	34.28 1.02 0.00	38.32 1.11 0.00	33.69 1.02 0.00	32.93 0.65 0.00	33.71 0.41 0.00	33.36 0.20 0.00	29.91 0.09 0.00	29.94 -0.34 0.00	31.12 -0.26 0.00	31.85 0.44 0.00	35.00 1.38 0.00	31.75 1.42 0.00	36.32 1.99 0.00	32.52 1.54 0.00	34.49 1.66 0.00	30.30 1.26 0.00	25.63 0.99 0.00
MORTIMER_115KV_TB3 55949	29.08 0.38 0.00	25.50 0.42 0.00	22.53 0.22 0.00	23.62 0.22 0.00	23.60 0.15 0.00	25.38 0.32 0.00	30.96 0.40 0.00	33.15 -0.11 0.00	37.02 -0.20 0.00	32.59 -0.07 0.00	31.92 -0.37 0.00	32.70 -0.60 0.00	32.57 -0.59 0.00	29.24 -0.57 0.00	29.62 -0.65 0.00	30.81 -0.57 0.00	31.14 -0.27 0.00	34.00 0.38 0.00	30.78 0.45 0.00	34.93 0.60 0.00	31.35 0.37 0.00	33.19 0.36 0.00	29.21 0.16 0.00	24.81 0.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.62 1.93 0.00	26.69 1.61 0.00	23.72 1.41 0.00	24.84 1.44 0.00	24.80 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.25 0.00	39.84 2.60 -0.02	38.23 2.30 -3.26	34.70 2.23 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.53 2.09 -1.62	32.58 2.31 0.00	33.66 2.27 0.00	33.48 2.07 0.00	35.84 2.23 0.00	32.45 2.12 0.00	36.36 2.03 0.00	32.88 1.90 0.00	34.67 1.84 0.00	34.31 1.86 -3.41	35.02 1.65 -8.73
MUNSVILLE_WIND_PWR 323609	31.26 2.17 -0.39	26.65 1.57 -0.01	23.65 1.34 0.00	24.89 1.50 0.00	25.02 1.58 0.00	26.99 1.93 0.00	33.74 2.61 -0.57	37.00 3.01 -0.73	40.80 3.58 0.00	35.87 3.06 -0.14	35.81 2.84 -0.68	37.20 3.13 -0.77	36.93 2.99 -0.77	33.04 2.55 -0.67	33.35 2.39 -0.69	34.75 2.61 -0.76	35.08 2.90 -0.76	38.13 3.65 -0.86	34.47 3.45 -0.69	39.13 3.86 -0.94	34.97 3.27 -0.73	36.96 3.29 -0.84	32.10 2.63 -0.42	26.66 2.02 0.00
N SALMON___HYD 24042	29.21 0.52 0.00	25.54 0.47 0.00	22.53 0.22 0.00	23.45 0.05 0.00	23.58 0.13 0.00	25.48 0.42 0.00	31.02 0.45 0.00	33.79 0.53 0.00	37.99 0.77 0.00	33.37 0.70 0.00	33.12 0.83 0.00	34.34 1.05 0.00	34.03 0.87 0.00	30.59 0.78 0.00	30.94 0.67 0.00	31.80 0.42 0.00	32.07 0.66 0.00	34.32 0.70 0.00	30.93 0.60 0.00	35.19 0.87 0.00	31.76 0.78 0.00	33.81 0.99 0.00	29.79 0.74 0.00	25.02 0.38 0.00
N.AKRON___115KV_KNAPP 355671	29.23 0.54 0.00	25.70 0.63 0.00	22.68 0.38 0.00	23.77 0.37 0.00	23.70 0.25 0.00	25.57 0.52 0.00	31.17 0.61 0.00	32.96 -0.30 0.00	36.73 -0.49 0.00	32.35 -0.31 0.00	31.49 -0.79 0.00	32.25 -1.05 0.00	32.07 -1.09 0.00	28.73 -1.08 0.00	29.03 -1.25 0.00	30.27 -1.11 0.00	30.75 -0.66 0.00	33.87 0.25 0.00	30.73 0.40 0.00	34.97 0.65 0.00	31.36 0.38 0.00	33.23 0.40 0.00	29.21 0.16 0.00	24.88 0.24 0.00
N.BELMOR_69_KV_BK1 55787	30.99 2.30 0.00	27.05 1.98 0.00	24.00 1.70 0.00	25.14 1.75 0.00	25.08 1.63 0.00	26.79 1.73 0.00	32.70 2.14 0.00	36.01 2.74 0.00	40.39 3.15 -0.02	38.65 2.74 -3.24	35.01 2.54 -0.18	35.92 2.62 0.00	36.23 2.80 -0.27	33.95 2.52 -1.61	33.31 2.81 -0.23	33.92 2.55 0.01	33.59 2.22 0.04	35.85 2.24 0.00	32.73 2.40 0.00	36.50 2.17 0.00	33.30 2.32 0.00	34.92 2.09 0.00	34.63 2.21 -3.38	35.34 2.04 -8.66
N.E._GEN_SANDY PD 24062	30.37 1.09 -0.59	26.06 0.98 0.00	23.29 0.99 0.00	24.39 0.99 0.00	24.45 1.00 0.00	26.02 0.96 0.00	31.97 1.08 -0.33	34.49 1.23 0.00	38.43 1.38 0.17	32.25 1.14 1.55	31.89 1.12 1.51	34.09 1.16 0.37	34.64 1.35 -0.12	31.84 1.22 -0.80	31.71 1.44 0.00	32.87 1.48 0.00	32.79 1.33 -0.04	34.94 1.42 0.09	31.40 1.28 0.21	35.53 1.20 0.00	32.14 1.17 0.00	33.80 0.97 0.00	31.25 1.00 -1.21	28.75 1.01 -3.10

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.19 1.49 0.00	26.31 1.24 0.00	23.42 1.12 0.00	24.57 1.17 0.00	24.53 1.08 0.00	26.21 1.15 0.00	31.96 1.39 0.00	35.04 1.78 0.00	39.33 2.09 -0.02	30.82 1.83 3.67	34.27 1.81 -0.17	35.24 1.95 0.00	35.25 2.09 0.00	29.93 1.84 1.73	32.35 2.08 0.00	33.48 2.10 0.00	33.37 1.95 0.00	35.76 2.15 0.00	32.35 2.02 0.00	36.24 1.91 0.00	32.74 1.76 0.00	34.48 1.64 0.00	26.06 1.60 4.58	14.28 1.38 11.73
N. QUEENS_27_KV_LOAD 356247	30.77 2.08 0.00	26.86 1.79 0.00	23.86 1.55 0.00	24.94 1.54 0.00	24.91 1.46 0.00	26.63 1.57 0.00	32.53 1.97 0.00	35.71 2.44 0.00	40.07 2.83 -0.02	38.33 2.41 -3.26	34.74 2.27 -0.18	35.67 2.37 0.00	35.62 2.46 0.00	33.60 2.16 -1.62	32.69 2.41 0.00	33.74 2.35 0.00	33.56 2.14 0.00	35.91 2.30 0.00	32.52 2.19 0.00	36.42 2.09 0.00	32.97 1.99 0.00	34.82 2.00 0.00	34.49 2.03 -3.41	35.17 1.80 -8.73
N. TROY___115KV_TB1 355778	29.82 1.13 0.00	26.10 1.02 0.00	23.31 1.01 0.00	24.43 1.03 0.00	24.51 1.07 0.00	26.09 1.03 0.00	31.74 1.17 0.00	34.52 1.26 0.00	38.59 1.40 0.03	34.01 1.15 -0.20	33.11 1.10 0.28	34.42 1.12 0.00	34.44 1.28 0.00	31.48 1.19 -0.48	31.65 1.38 0.00	32.86 1.47 0.00	32.81 1.40 0.00	35.11 1.49 0.00	31.64 1.31 0.00	35.63 1.31 0.00	32.22 1.24 0.00	33.90 1.07 0.00	30.89 1.05 -0.80	27.70 1.02 -2.04
NARROWS_GT1_1 24228	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT1_2 24229	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT1_3 24230	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT1_4 24231	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT1_5 24232	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT1_6 24233	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT1_7 24234	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT1_8 24235	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT2_1 24236	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT2_2 24237	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT2_3 24238	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT2_4 24239	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73

NARROWS_GT2_5 24240	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT2_6 24241	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT2_7 24242	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NARROWS_GT2_8 24243	30.87 2.17 -0.01	26.91 1.83 -0.01	23.89 1.58 0.00	24.97 1.57 0.00	24.93 1.48 0.00	26.59 1.53 0.00	32.48 1.91 0.00	35.76 2.50 0.00	40.14 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.67 2.24 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.13 0.00	35.86 2.24 0.00	32.51 2.18 0.00	36.41 2.09 0.00	32.95 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.25 1.56 0.00	26.51 1.43 0.00	23.67 1.36 0.00	24.81 1.42 0.00	24.89 1.44 0.00	26.38 1.32 0.00	32.13 1.56 0.00	34.92 1.65 0.00	39.03 1.83 0.01	34.55 1.54 -0.34	33.65 1.47 0.10	34.58 1.29 0.00	34.41 1.25 0.00	31.34 1.20 -0.32	31.73 1.45 0.00	33.03 1.65 0.00	33.04 1.63 0.00	35.34 1.73 0.00	32.03 1.70 0.00	36.12 1.79 0.00	32.67 1.69 0.00	34.31 1.48 0.00	30.95 1.32 -0.59	27.44 1.29 -1.51
NCHELSEA_115KV_TR2 355582	30.50 1.81 0.00	26.59 1.52 0.00	23.68 1.38 0.00	24.81 1.41 0.00	24.79 1.35 0.00	26.46 1.40 0.00	32.28 1.72 0.00	35.38 2.11 0.00	39.68 2.45 -0.02	35.06 2.16 -0.24	34.58 2.16 -0.14	35.57 2.28 0.00	35.54 2.38 0.00	32.27 2.10 -0.35	32.50 2.22 0.00	33.58 2.20 0.00	33.51 2.09 0.00	35.95 2.33 0.00	32.52 2.19 0.00	36.43 2.11 0.00	32.91 1.93 0.00	34.61 1.78 0.00	30.74 1.70 0.00	26.11 1.47 0.00
NEG CAPITAL___MECHNVIL 23645	30.38 1.69 0.00	26.54 1.47 0.00	23.67 1.37 0.00	24.76 1.36 0.00	24.85 1.40 0.00	26.47 1.41 0.00	32.26 1.69 0.00	35.14 1.87 0.00	39.30 2.11 0.03	34.66 1.76 -0.24	33.75 1.71 0.25	35.02 1.72 0.00	35.07 1.91 0.00	32.04 1.76 -0.46	32.25 1.98 0.00	33.53 2.15 0.00	33.48 2.07 0.00	35.89 2.28 0.00	32.32 1.99 0.00	36.42 2.09 0.00	32.91 1.93 0.00	34.59 1.77 0.00	31.39 1.58 -0.77	28.03 1.42 -1.97
NEG CENTRAL_HIGH_ACRES 23767	28.83 -0.09 -0.23	25.03 -0.04 0.00	22.14 -0.17 0.00	23.28 -0.12 0.00	23.26 -0.18 0.00	24.97 -0.09 0.00	30.78 -0.11 -0.33	33.16 -0.53 -0.42	36.64 -0.57 0.00	32.38 -0.35 -0.07	32.02 -0.60 -0.34	32.93 -0.75 -0.38	32.75 -0.79 -0.38	29.42 -0.72 -0.33	29.83 -0.78 -0.34	31.00 -0.76 -0.38	31.27 -0.52 -0.38	34.01 -0.03 -0.43	30.76 0.09 -0.34	34.92 0.13 -0.47	31.29 -0.05 -0.36	33.13 -0.12 -0.41	28.97 -0.28 -0.21	24.41 -0.23 0.00
NEG CENTRAL___DRP 24199	29.69 0.39 -0.61	25.39 0.31 -0.01	22.50 0.20 0.00	23.66 0.26 0.00	23.63 0.18 0.00	25.38 0.32 0.00	31.90 0.47 -0.87	34.74 0.36 -1.12	37.67 0.45 0.00	33.32 0.43 -0.22	33.64 0.29 -1.06	34.83 0.34 -1.20	34.56 0.21 -1.20	31.01 0.16 -1.03	31.50 0.16 -1.07	32.79 0.23 -1.17	32.83 0.24 -1.17	35.53 0.58 -1.33	31.99 0.60 -1.07	36.50 0.72 -1.46	32.64 0.55 -1.12	34.62 0.49 -1.30	30.04 0.35 -0.65	24.94 0.30 0.00
NEG CENTRAL___INDECK 23768	30.03 1.34 0.00	26.23 1.15 0.00	23.17 0.87 0.00	24.40 1.00 0.00	24.34 0.89 0.00	26.27 1.21 0.00	32.10 1.54 0.00	34.37 1.11 0.00	37.84 0.62 0.00	32.97 0.31 0.00	32.22 -0.06 0.00	32.35 -0.94 0.00	31.72 -1.44 0.00	28.30 -1.51 0.00	28.59 -1.68 0.00	29.79 -1.59 0.00	30.19 -1.22 0.00	32.77 -0.84 0.00	29.70 -0.63 0.00	34.06 -0.27 0.00	30.98 0.00 0.00	33.76 0.93 0.00	30.28 1.24 0.00	25.76 1.12 0.00
NEG CENTRAL___SENECA 23627	29.55 0.55 -0.31	25.54 0.46 0.00	22.61 0.30 0.00	23.77 0.37 0.00	23.72 0.28 0.00	25.52 0.46 0.00	31.65 0.64 -0.44	34.40 0.56 -0.57	37.87 0.65 0.00	33.37 0.60 -0.10	33.22 0.44 -0.49	34.34 0.49 -0.56	34.04 0.33 -0.56	30.53 0.23 -0.48	31.04 0.27 -0.50	32.23 0.31 -0.54	32.24 0.28 -0.54	34.98 0.76 -0.61	31.55 0.74 -0.49	35.94 0.94 -0.67	32.21 0.72 -0.51	34.11 0.69 -0.59	29.85 0.51 -0.30	25.09 0.45 0.00
NEG CENTRAL___STATE_STREET 24147	30.25 0.69 -0.87	25.64 0.55 -0.01	22.72 0.42 0.00	23.94 0.54 0.00	23.91 0.47 0.00	25.66 0.60 0.00	32.57 0.76 -1.25	35.51 0.64 -1.60	38.11 0.89 0.00	33.84 0.85 -0.32	34.49 0.65 -1.56	35.66 0.61 -1.76	35.43 0.50 -1.76	31.84 0.50 -1.52	32.38 0.54 -1.57	33.81 0.70 -1.73	33.99 0.85 -1.73	36.61 1.04 -1.96	32.91 1.01 -1.57	37.51 1.03 -2.15	33.47 0.84 -1.65	35.53 0.79 -1.91	30.59 0.59 -0.96	25.17 0.53 0.00
NEG MILLWOOD___DRP 24198	30.66 1.97 0.00	26.72 1.64 0.00	23.77 1.47 0.00	24.89 1.50 0.00	24.87 1.43 0.00	26.56 1.50 0.00	32.42 1.86 0.00	35.56 2.29 0.00	39.91 2.68 -0.02	36.39 2.37 -1.36	34.79 2.35 -0.16	35.80 2.50 0.00	35.79 2.63 0.00	33.00 2.32 -0.87	32.75 2.48 0.00	33.84 2.45 0.00	33.73 2.32 0.00	36.18 2.57 0.00	32.73 2.41 0.00	36.68 2.36 0.00	33.13 2.15 0.00	34.86 2.03 0.00	32.22 1.92 -1.26	29.53 1.66 -3.23
NEG NORTH_FLCN_SEA 23793	30.31 1.62 0.00	26.56 1.48 0.00	23.39 1.09 0.00	24.25 0.86 0.00	24.29 0.84 0.00	26.24 1.18 0.00	32.05 1.49 0.00	34.90 1.64 0.00	39.23 2.02 0.00	34.45 1.78 0.00	34.27 1.99 0.00	35.39 2.09 0.00	35.01 1.85 0.00	31.67 1.86 0.00	32.11 1.83 0.00	32.79 1.41 0.00	33.10 1.69 0.00	35.48 1.86 0.00	31.97 1.64 0.00	36.37 2.04 0.00	32.82 1.85 0.00	34.89 2.06 0.00	30.95 1.90 0.00	25.97 1.33 0.00
NEG NORTH_KES_CHATEGAY 23792	29.32 0.62 0.00	25.69 0.61 0.00	22.63 0.32 0.00	23.50 0.10 0.00	23.62 0.17 0.00	25.56 0.50 0.00	31.05 0.48 0.00	33.79 0.53 0.00	38.00 0.78 0.00	33.41 0.75 0.00	33.21 0.93 0.00	34.35 1.05 0.00	34.01 0.85 0.00	30.61 0.79 0.00	30.97 0.70 0.00	31.79 0.41 0.00	32.11 0.69 0.00	34.33 0.72 0.00	30.94 0.61 0.00	35.23 0.91 0.00	31.79 0.82 0.00	33.82 0.99 0.00	29.86 0.81 0.00	25.07 0.43 0.00

NEG NORTH___ALICE_FALLS 23915	30.19 1.50 0.00	26.45 1.37 0.00	23.29 0.99 0.00	24.16 0.76 0.00	24.20 0.75 0.00	26.17 1.11 0.00	31.96 1.40 0.00	34.79 1.52 0.00	39.11 1.89 0.00	34.33 1.67 0.00	34.12 1.84 0.00	35.26 1.96 0.00	34.93 1.77 0.00	31.54 1.72 0.00	31.94 1.67 0.00	32.68 1.30 0.00	32.99 1.58 0.00	35.38 1.77 0.00	31.88 1.55 0.00	36.28 1.95 0.00	32.73 1.75 0.00	34.80 1.97 0.00	30.81 1.76 0.00	25.86 1.21 0.00
NEG NORTH___LWR_SARANAC 23913	30.19 1.50 0.00	26.45 1.37 0.00	23.29 0.99 0.00	24.16 0.76 0.00	24.20 0.75 0.00	26.17 1.11 0.00	31.96 1.40 0.00	34.79 1.52 0.00	39.11 1.89 0.00	34.33 1.67 0.00	34.12 1.84 0.00	35.26 1.96 0.00	34.93 1.77 0.00	31.54 1.72 0.00	31.94 1.67 0.00	32.68 1.30 0.00	32.99 1.58 0.00	35.38 1.77 0.00	31.88 1.55 0.00	36.28 1.95 0.00	32.73 1.75 0.00	34.80 1.97 0.00	30.81 1.76 0.00	25.86 1.21 0.00
NEG NORTH___PLATTSBURG 23628	30.19 1.50 0.00	26.45 1.37 0.00	23.30 0.99 0.00	24.16 0.76 0.00	24.20 0.75 0.00	26.17 1.11 0.00	31.96 1.40 0.00	34.79 1.52 0.00	39.10 1.89 0.00	34.33 1.67 0.00	34.11 1.83 0.00	35.26 1.96 0.00	34.93 1.77 0.00	31.54 1.72 0.00	31.94 1.67 0.00	32.68 1.30 0.00	32.99 1.58 0.00	35.39 1.77 0.00	31.88 1.55 0.00	36.28 1.95 0.00	32.73 1.75 0.00	34.80 1.97 0.00	30.81 1.76 0.00	25.86 1.21 0.00
NEG WEST_LEA_LOCKPORT 23791	28.75 0.06 0.00	25.32 0.24 0.00	22.34 0.04 0.00	23.43 0.03 0.00	23.36 -0.09 0.00	25.20 0.15 0.00	30.68 0.12 0.00	32.35 -0.92 0.00	35.97 -1.25 0.00	31.69 -0.97 0.00	30.83 -1.45 0.00	31.52 -1.78 0.00	31.35 -1.82 0.00	28.08 -1.74 0.00	28.41 -1.87 0.00	29.66 -1.72 0.00	30.15 -1.27 0.00	33.22 -0.39 0.00	30.11 -0.21 0.00	34.27 -0.06 0.00	30.71 -0.26 0.00	32.57 -0.26 0.00	28.67 -0.38 0.00	24.48 -0.16 0.00
NEG WEST___LANCASTR 23811	29.04 0.34 0.00	25.46 0.38 0.00	22.47 0.16 0.00	23.60 0.20 0.00	23.50 0.05 0.00	25.38 0.32 0.00	30.99 0.43 0.00	33.06 -0.20 0.00	36.87 -0.35 0.00	32.40 -0.27 0.00	31.60 -0.69 0.00	32.33 -0.97 0.00	32.14 -1.02 0.00	28.84 -0.97 0.00	29.20 -1.07 0.00	30.47 -0.92 0.00	30.91 -0.50 0.00	33.87 0.25 0.00	30.59 0.27 0.00	34.82 0.49 0.00	31.19 0.21 0.00	33.11 0.28 0.00	29.16 0.12 0.00	24.78 0.14 0.00
NEG_PENN_ALLEGHNY 23528	29.56 0.50 -0.37	25.46 0.38 0.00	22.58 0.27 0.00	23.73 0.34 0.00	23.69 0.24 0.00	25.43 0.37 0.00	31.64 0.54 -0.53	34.57 0.63 -0.68	37.98 0.76 0.00	33.39 0.60 -0.13	33.41 0.50 -0.63	34.52 0.51 -0.71	34.37 0.50 -0.71	30.88 0.45 -0.62	31.38 0.46 -0.64	32.64 0.55 -0.71	32.78 0.66 -0.71	35.35 0.94 -0.80	31.79 0.83 -0.64	36.09 0.89 -0.87	32.35 0.70 -0.67	34.28 0.68 -0.78	30.00 0.56 -0.39	25.05 0.41 0.00
NEG___GEN_MONROE 24207	29.37 0.68 0.00	25.67 0.60 0.00	22.70 0.39 0.00	23.81 0.41 0.00	23.78 0.34 0.00	25.59 0.53 0.00	31.23 0.67 0.00	33.44 0.18 0.00	37.38 0.16 0.00	32.85 0.19 0.00	32.13 -0.15 0.00	32.89 -0.40 0.00	32.73 -0.43 0.00	29.40 -0.42 0.00	29.74 -0.53 0.00	30.94 -0.45 0.00	31.28 -0.14 0.00	34.19 0.58 0.00	30.99 0.66 0.00	35.19 0.87 0.00	31.56 0.58 0.00	33.43 0.60 0.00	29.42 0.37 0.00	24.92 0.27 0.00
NEPA___ENERGY 23901	29.13 0.44 0.00	25.42 0.34 0.00	22.39 0.09 0.00	23.62 0.22 0.00	23.42 -0.03 0.00	25.38 0.32 0.00	31.12 0.55 0.00	33.49 0.22 0.00	37.44 0.22 0.00	32.74 0.08 0.00	32.02 -0.26 0.00	32.86 -0.44 0.00	32.67 -0.49 0.00	29.36 -0.46 0.00	29.74 -0.54 0.00	31.01 -0.37 0.00	31.50 0.09 0.00	34.37 0.76 0.00	30.97 0.64 0.00	35.27 0.94 0.00	31.56 0.59 0.00	33.48 0.65 0.00	29.49 0.45 0.00	24.94 0.30 0.00
NEVERSINK___HYD 23608	29.95 1.26 0.00	26.08 1.01 0.00	23.19 0.88 0.00	24.30 0.90 0.00	24.27 0.82 0.00	25.94 0.88 0.00	31.65 1.09 0.00	34.68 1.42 0.00	39.00 1.78 -0.01	33.97 1.60 0.28	34.06 1.69 -0.09	35.25 1.95 0.00	35.20 2.03 0.00	31.17 1.66 0.30	31.38 1.10 0.00	32.56 1.17 0.00	32.53 1.12 0.00	34.93 1.32 0.00	31.61 1.28 0.00	35.44 1.12 0.00	31.99 1.01 0.00	33.79 0.96 0.00	30.09 1.55 0.50	24.61 1.26 1.29
NEWKRMKL_115KV_TB1 55635	29.47 0.78 0.00	25.80 0.72 0.00	23.05 0.74 0.00	24.15 0.76 0.00	24.22 0.77 0.00	25.62 0.56 0.00	31.15 0.59 0.00	33.99 0.72 0.00	38.05 0.86 0.02	33.71 0.72 -0.33	32.80 0.72 0.20	34.02 0.72 0.00	34.01 0.85 0.00	31.07 0.79 -0.46	31.23 0.95 0.00	32.40 1.02 0.00	32.28 0.87 0.00	34.53 0.91 0.00	31.14 0.82 0.00	35.02 0.70 0.00	31.67 0.69 0.00	33.32 0.49 0.00	30.37 0.56 -0.78	27.25 0.61 -1.99
NEWTON___FALLS_HYD 23847	28.62 -0.43 -0.36	24.45 -0.63 0.00	21.59 -0.72 0.00	22.76 -0.64 0.00	23.04 -0.41 0.00	24.78 -0.28 0.00	30.73 -0.35 -0.52	33.92 -0.02 -0.67	37.18 -0.04 0.00	32.73 -0.07 -0.14	32.81 -0.14 -0.66	33.96 -0.08 -0.74	33.72 -0.18 -0.74	30.35 -0.10 -0.64	30.65 -0.28 -0.67	31.57 -0.55 -0.73	31.72 -0.43 -0.73	34.05 -0.40 -0.83	30.52 -0.47 -0.67	34.83 -0.41 -0.91	31.40 -0.28 -0.70	33.59 -0.05 -0.81	29.27 -0.18 -0.41	24.30 -0.34 0.00
NGRID_A1_DSASP 323792	28.26 -0.43 0.00	24.96 -0.11 0.00	22.03 -0.28 0.00	23.12 -0.28 0.00	23.05 -0.39 0.00	24.88 -0.18 0.00	30.24 -0.32 0.00	31.78 -1.49 0.00	35.26 -1.96 0.00	31.10 -1.56 0.00	30.23 -2.06 0.00	30.88 -2.42 0.00	30.59 -2.57 0.00	27.39 -2.43 0.00	27.72 -2.55 0.00	28.93 -2.45 0.00	29.45 -1.96 0.00	32.44 -1.17 0.00	29.42 -0.91 0.00	33.42 -0.90 0.00	29.98 -0.99 0.00	31.79 -1.04 0.00	28.01 -1.03 0.00	24.06 -0.58 0.00
NGRID_A2_DSASP 323793	28.26 -0.43 0.00	24.96 -0.11 0.00	22.03 -0.28 0.00	23.12 -0.28 0.00	23.05 -0.39 0.00	24.88 -0.18 0.00	30.24 -0.32 0.00	31.78 -1.49 0.00	35.26 -1.96 0.00	31.10 -1.56 0.00	30.23 -2.06 0.00	30.88 -2.42 0.00	30.59 -2.57 0.00	27.39 -2.43 0.00	27.72 -2.55 0.00	28.93 -2.45 0.00	29.45 -1.96 0.00	32.44 -1.17 0.00	29.42 -0.91 0.00	33.42 -0.90 0.00	29.98 -0.99 0.00	31.79 -1.04 0.00	28.01 -1.03 0.00	24.06 -0.58 0.00
NGRID_A4_DSASP 323807	28.26 -0.43 0.00	24.96 -0.11 0.00	22.04 -0.27 0.00	23.11 -0.28 0.00	23.05 -0.39 0.00	24.86 -0.20 0.00	30.23 -0.33 0.00	31.77 -1.49 0.00	35.26 -1.96 0.00	31.09 -1.57 0.00	30.21 -2.07 0.00	30.86 -2.44 0.00	30.58 -2.58 0.00	27.34 -2.48 0.00	27.69 -2.58 0.00	28.93 -2.45 0.00	29.43 -1.99 0.00	32.43 -1.18 0.00	29.40 -0.92 0.00	33.43 -0.89 0.00	29.97 -1.00 0.00	31.78 -1.05 0.00	28.01 -1.04 0.00	24.06 -0.58 0.00
NIAGARA_115E_LBMP 323715	28.25 -0.44 0.00	24.90 -0.18 0.00	21.98 -0.33 0.00	23.07 -0.33 0.00	22.98 -0.46 0.00	24.81 -0.25 0.00	30.18 -0.39 0.00	31.71 -1.56 0.00	35.20 -2.01 0.00	31.05 -1.61 0.00	30.18 -2.10 0.00	30.84 -2.46 0.00	30.69 -2.47 0.00	27.53 -2.29 0.00	27.85 -2.42 0.00	29.06 -2.32 0.00	29.59 -1.83 0.00	32.57 -1.04 0.00	29.55 -0.77 0.00	33.58 -0.74 0.00	30.13 -0.85 0.00	31.94 -0.89 0.00	28.13 -0.92 0.00	24.04 -0.60 0.00

NIAGARA_115W_LBMP 323714	28.20 -0.50 0.00	24.90 -0.17 0.00	21.98 -0.33 0.00	23.06 -0.33 0.00	23.00 -0.45 0.00	24.83 -0.23 0.00	30.17 -0.39 0.00	31.71 -1.56 0.00	35.18 -2.04 0.00	31.03 -1.63 0.00	30.16 -2.13 0.00	30.80 -2.49 0.00	30.52 -2.65 0.00	27.31 -2.51 0.00	27.65 -2.63 0.00	28.85 -2.53 0.00	29.36 -2.05 0.00	32.35 -1.26 0.00	29.33 -1.00 0.00	33.33 -1.00 0.00	29.89 -1.08 0.00	31.70 -1.13 0.00	27.93 -1.11 0.00	24.01 -0.63 0.00
NIAGARA_230_LBMP 323716	28.39 -0.30 0.00	25.04 -0.04 0.00	22.09 -0.21 0.00	23.19 -0.21 0.00	23.13 -0.32 0.00	24.96 -0.10 0.00	30.35 -0.21 0.00	31.98 -1.29 0.00	35.51 -1.71 0.00	31.30 -1.36 0.00	30.44 -1.84 0.00	31.10 -2.20 0.00	30.89 -2.27 0.00	27.72 -2.10 0.00	28.05 -2.22 0.00	29.27 -2.12 0.00	29.77 -1.65 0.00	32.79 -0.83 0.00	29.70 -0.63 0.00	33.76 -0.56 0.00	30.28 -0.70 0.00	32.11 -0.72 0.00	28.28 -0.77 0.00	24.18 -0.46 0.00
NIAGARA__115KV_198_GIBSON 55903	28.19 -0.50 0.00	24.90 -0.17 0.00	21.99 -0.32 0.00	23.06 -0.33 0.00	23.00 -0.44 0.00	24.81 -0.25 0.00	30.17 -0.39 0.00	31.70 -1.56 0.00	35.18 -2.04 0.00	31.01 -1.65 0.00	30.14 -2.14 0.00	30.79 -2.51 0.00	30.51 -2.66 0.00	27.27 -2.55 0.00	27.62 -2.65 0.00	28.85 -2.53 0.00	29.35 -2.07 0.00	32.34 -1.28 0.00	29.32 -1.01 0.00	33.34 -0.99 0.00	29.89 -1.09 0.00	31.68 -1.15 0.00	27.93 -1.11 0.00	24.01 -0.63 0.00
NIAGARA____ 23760	28.27 -0.42 0.00	24.93 -0.14 0.00	22.01 -0.30 0.00	23.09 -0.30 0.00	23.02 -0.43 0.00	24.85 -0.20 0.00	30.25 -0.32 0.00	31.85 -1.42 0.00	35.36 -1.86 0.00	31.18 -1.48 0.00	30.31 -1.97 0.00	30.97 -2.33 0.00	30.75 -2.41 0.00	27.56 -2.25 0.00	27.89 -2.38 0.00	29.11 -2.27 0.00	29.62 -1.80 0.00	32.61 -1.01 0.00	29.56 -0.76 0.00	33.60 -0.73 0.00	30.14 -0.84 0.00	31.95 -0.88 0.00	28.13 -0.91 0.00	24.08 -0.56 0.00
NINE_MILE_1 23575	22.53 -0.79 5.37	24.30 -0.70 0.07	21.66 -0.64 0.00	22.74 -0.66 0.00	22.76 -0.69 0.00	24.36 -0.70 0.00	21.97 -0.86 7.74	22.35 -0.99 9.93	36.05 -1.17 0.00	29.33 -1.00 2.33	20.11 -0.97 11.21	19.66 -1.00 12.63	19.50 -1.00 12.66	17.99 -0.89 10.93	18.05 -0.92 11.31	17.96 -0.94 12.48	18.05 -0.88 12.48	18.67 -0.82 14.12	18.29 -0.72 11.31	18.01 -0.85 15.47	18.29 -0.79 11.90	18.21 -0.87 13.74	21.28 -0.83 6.94	23.91 -0.73 0.00
NINE_MILE_2 23744	22.45 -0.79 5.45	24.30 -0.70 0.08	21.66 -0.64 0.00	22.74 -0.66 0.00	22.76 -0.69 0.00	24.36 -0.70 0.00	21.85 -0.86 7.86	22.20 -0.99 10.08	36.05 -1.17 0.00	29.29 -1.00 2.36	19.94 -0.97 11.38	19.47 -1.00 12.82	19.32 -1.00 12.85	17.83 -0.89 11.09	17.88 -0.92 11.47	17.78 -0.94 12.67	17.87 -0.88 12.67	18.46 -0.82 14.34	18.12 -0.72 11.48	17.78 -0.85 15.70	18.11 -0.79 12.07	18.00 -0.87 13.95	21.17 -0.83 7.04	23.91 -0.73 0.00
NM_CAPITAL____DRP 24208	29.53 0.84 0.00	25.86 0.79 0.00	23.10 0.79 0.00	24.21 0.82 0.00	24.28 0.83 0.00	25.73 0.67 0.00	31.27 0.71 0.00	34.06 0.79 0.00	38.10 0.91 0.03	33.73 0.76 -0.31	32.80 0.73 0.22	34.04 0.74 0.00	34.03 0.86 0.00	31.09 0.81 -0.47	31.26 0.99 0.00	32.44 1.06 0.00	32.33 0.92 0.00	34.57 0.95 0.00	31.18 0.85 0.00	35.07 0.74 0.00	31.72 0.74 0.00	33.37 0.54 0.00	30.45 0.61 -0.79	27.34 0.67 -2.03
NM_CENTRAL____DRP 24181	29.11 -0.10 -0.52	24.97 -0.11 -0.01	22.17 -0.14 0.00	23.27 -0.13 0.00	23.27 -0.17 0.00	24.93 -0.13 0.00	31.18 -0.13 -0.75	34.04 -0.18 -0.96	37.09 -0.13 0.00	32.77 -0.08 -0.19	33.05 -0.13 -0.89	34.18 -0.12 -1.01	34.06 -0.11 -1.01	30.58 -0.11 -0.87	31.06 -0.12 -0.90	32.31 -0.07 -1.00	32.40 -0.01 -1.00	34.90 0.15 -1.13	31.37 0.14 -0.91	35.69 0.12 -1.24	31.98 0.05 -0.95	33.91 -0.02 -1.10	29.49 -0.11 -0.55	24.51 -0.13 0.00
NM_FRONTIER____DRP 24179	28.19 -0.50 0.00	24.90 -0.17 0.00	21.99 -0.32 0.00	23.06 -0.33 0.00	23.00 -0.44 0.00	24.81 -0.25 0.00	30.17 -0.39 0.00	31.70 -1.56 0.00	35.18 -2.04 0.00	31.01 -1.65 0.00	30.14 -2.14 0.00	30.79 -2.51 0.00	30.51 -2.66 0.00	27.27 -2.55 0.00	27.62 -2.65 0.00	28.85 -2.53 0.00	29.35 -2.07 0.00	32.34 -1.28 0.00	29.32 -1.01 0.00	33.34 -0.99 0.00	29.89 -1.09 0.00	31.68 -1.15 0.00	27.93 -1.11 0.00	24.01 -0.63 0.00
NM_ST_REGIS____HYD 24053	28.44 -0.42 -0.17	24.69 -0.39 0.00	21.83 -0.47 0.00	22.85 -0.55 0.00	23.00 -0.45 0.00	24.74 -0.32 0.00	30.43 -0.37 -0.24	33.27 -0.31 -0.31	36.95 -0.27 0.00	32.47 -0.26 -0.06	32.39 -0.20 -0.31	33.59 -0.05 -0.34	33.32 -0.18 -0.35	29.97 -0.14 -0.30	30.26 -0.32 -0.31	31.22 -0.50 -0.34	31.41 -0.35 -0.34	33.53 -0.46 -0.38	30.14 -0.49 -0.31	34.37 -0.37 -0.42	31.00 -0.30 -0.32	33.11 -0.10 -0.37	29.02 -0.22 -0.19	24.30 -0.35 0.00
NORTHPORT____1 23551	30.54 1.85 0.00	26.75 1.68 0.00	23.77 1.47 0.00	24.94 1.54 0.00	24.87 1.42 0.00	26.53 1.47 0.00	32.34 1.78 0.00	35.72 2.45 0.00	38.54 2.88 1.55	37.78 2.37 -2.75	34.16 1.90 0.02	33.44 1.98 1.83	33.44 2.19 1.91	32.70 1.94 -0.95	31.43 2.33 1.17	30.67 2.09 2.81	32.82 1.77 0.36	33.85 1.61 1.37	31.30 1.94 0.97	33.71 1.41 2.03	32.08 1.90 0.79	32.96 1.50 1.37	33.95 1.76 -3.14	35.04 1.76 -8.64
NORTHPORT____2 23552	30.54 1.85 0.00	26.75 1.68 0.00	23.77 1.47 0.00	24.94 1.54 0.00	24.87 1.42 0.00	26.53 1.47 0.00	32.34 1.78 0.00	35.72 2.45 0.00	38.54 2.88 1.55	37.78 2.37 -2.75	34.16 1.90 0.02	33.44 1.98 1.83	33.44 2.19 1.91	32.70 1.94 -0.95	31.43 2.33 1.17	30.67 2.09 2.81	32.82 1.77 0.36	33.85 1.61 1.37	31.30 1.94 0.97	33.71 1.41 2.03	32.08 1.90 0.79	32.96 1.50 1.37	33.95 1.76 -3.14	35.04 1.76 -8.64
NORTHPORT____3 23553	30.63 1.94 0.00	26.82 1.75 0.00	23.85 1.54 0.00	24.99 1.59 0.00	24.93 1.48 0.00	26.61 1.55 0.00	32.47 1.90 0.00	35.73 2.46 0.00	41.71 2.66 -1.83	38.64 2.22 -3.75	34.07 1.80 0.02	33.50 2.04 1.84	34.02 2.20 1.34	32.77 2.01 -0.94	31.30 2.26 1.23	31.78 2.13 1.73	32.62 1.75 0.54	33.81 1.57 1.38	31.26 1.91 0.97	33.70 1.40 2.04	31.92 1.73 0.78	32.86 1.39 1.36	34.15 1.65 -3.46	35.06 1.78 -8.64
NORTHPORT____4 23650	30.63 1.94 0.00	26.82 1.75 0.00	23.85 1.54 0.00	24.99 1.59 0.00	24.93 1.48 0.00	26.61 1.55 0.00	32.47 1.90 0.00	35.73 2.46 0.00	41.71 2.66 -1.83	38.64 2.22 -3.75	34.07 1.80 0.02	33.50 2.04 1.84	34.02 2.20 1.34	32.77 2.01 -0.94	31.30 2.26 1.23	31.78 2.13 1.73	32.62 1.75 0.54	33.81 1.57 1.38	31.26 1.91 0.97	33.70 1.40 2.04	31.92 1.73 0.78	32.86 1.39 1.36	34.15 1.65 -3.46	35.06 1.78 -8.64
NORTHPORT____IC 23718	30.54 1.85 0.00	26.75 1.68 0.00	23.77 1.47 0.00	24.94 1.54 0.00	24.87 1.42 0.00	26.53 1.47 0.00	32.34 1.78 0.00	35.72 2.45 0.00	38.54 2.88 1.55	37.78 2.37 -2.75	34.16 1.90 0.02	33.44 1.98 1.83	33.44 2.19 1.91	32.70 1.94 -0.95	31.43 2.33 1.17	30.67 2.09 2.81	32.82 1.77 0.36	33.85 1.61 1.37	31.30 1.94 0.97	33.71 1.41 2.03	32.08 1.90 0.79	32.96 1.50 1.37	33.95 1.76 -3.14	35.04 1.76 -8.64

NORTH__COUNTRY_ESR 323785	29.25 0.56 0.00	25.63 0.56 0.00	22.58 0.28 0.00	23.44 0.04 0.00	23.56 0.11 0.00	25.50 0.44 0.00	30.98 0.42 0.00	33.70 0.43 0.00	37.91 0.69 0.00	33.34 0.68 0.00	33.14 0.85 0.00	34.27 0.97 0.00	33.94 0.77 0.00	30.54 0.72 0.00	30.90 0.63 0.00	31.74 0.36 0.00	32.05 0.64 0.00	34.27 0.65 0.00	30.88 0.55 0.00	35.14 0.82 0.00	31.71 0.73 0.00	33.73 0.90 0.00	29.77 0.73 0.00	25.01 0.36 0.00
NPX_GEN_1385_PROXY 323591	24.81 0.85 4.74	26.13 1.06 0.00	23.31 1.01 0.00	24.60 1.21 0.00	24.54 1.09 0.00	26.28 1.22 0.00	31.91 1.35 0.00	34.94 1.67 0.00	38.20 2.54 1.55	37.67 2.27 -2.75	34.01 1.76 0.02	33.67 2.21 1.83	33.62 2.38 1.91	32.80 2.04 -0.95	31.68 2.57 1.17	31.01 2.43 2.81	33.69 1.96 -0.32	34.25 1.98 1.35	31.46 2.11 0.97	34.13 1.70 1.89	32.21 2.02 0.79	33.02 1.56 1.37	33.72 1.53 -3.14	35.45 1.38 -9.42
NPX_GEN_CSC 323557	30.84 2.16 0.00	26.92 1.84 0.00	23.93 1.62 0.00	25.17 1.77 0.00	25.12 1.67 0.00	26.80 1.74 0.00	32.81 2.25 0.00	36.88 3.59 -0.03	77.45 4.13 -36.11	52.25 3.55 -16.04	48.94 3.12 -13.53	121.35 3.27 -84.79	139.56 3.35 -103.05	59.64 3.08 -26.74	151.20 3.38 -117.55	237.06 3.18 -202.50	112.00 2.91 -77.68	153.16 2.90 -116.64	127.15 3.09 -93.74	223.19 2.74 -186.12	128.81 3.04 -94.80	156.72 2.75 -121.14	43.83 2.89 -11.90	38.36 2.73 -10.99
NSINS_S_GLNS_FALLS 23858	30.49 1.79 0.00	26.60 1.53 0.00	23.70 1.40 0.00	24.81 1.41 0.00	24.91 1.46 0.00	26.55 1.49 0.00	32.37 1.81 0.00	35.32 2.05 0.00	39.54 2.35 0.03	34.83 1.90 -0.27	33.84 1.78 0.22	34.90 1.60 0.00	34.95 1.79 0.00	31.97 1.71 -0.45	32.26 1.98 0.00	33.52 2.14 0.00	33.65 2.24 0.00	36.11 2.49 0.00	32.46 2.13 0.00	36.60 2.27 0.00	33.11 2.14 0.00	34.71 1.88 0.00	31.43 1.64 -0.75	28.04 1.48 -1.93
NUCOR_STEEL__DRP 24197	30.14 0.51 -0.94	25.45 0.36 -0.01	22.58 0.27 0.00	23.76 0.36 0.00	23.74 0.29 0.00	25.47 0.41 0.00	32.43 0.51 -1.35	35.36 0.36 -1.73	37.83 0.62 0.00	33.63 0.62 -0.35	34.37 0.39 -1.69	35.75 0.54 -1.91	35.47 0.40 -1.91	31.93 0.47 -1.65	32.30 0.31 -1.71	33.69 0.42 -1.89	33.91 0.61 -1.89	36.48 0.73 -2.14	32.79 0.76 -1.71	37.40 0.74 -2.34	33.36 0.58 -1.80	35.44 0.53 -2.08	30.46 0.37 -1.05	24.99 0.35 0.00
NUMBER_THREE_WT_PWR 323818	29.19 0.04 -0.46	24.59 -0.49 -0.01	21.59 -0.72 0.00	22.95 -0.45 0.00	23.41 -0.04 0.00	25.20 0.14 0.00	31.34 0.11 -0.66	34.85 0.73 -0.85	38.00 0.78 0.00	33.49 0.65 -0.17	33.64 0.52 -0.83	34.86 0.63 -0.93	34.59 0.49 -0.94	31.15 0.53 -0.81	31.46 0.35 -0.84	32.34 0.03 -0.92	32.45 0.11 -0.92	35.00 0.34 -1.05	31.32 0.16 -0.84	35.67 0.19 -1.14	32.12 0.27 -0.88	34.42 0.57 -1.02	29.91 0.35 -0.51	24.69 0.05 0.00
NYISO_LBMP_REFERENCE 24008	28.69 0.00 0.00	25.08 0.00 0.00	22.31 0.00 0.00	23.40 0.00 0.00	23.45 0.00 0.00	25.06 0.00 0.00	30.56 0.00 0.00	33.27 0.00 0.00	37.22 0.00 0.00	32.66 0.00 0.00	32.28 0.00 0.00	33.30 0.00 0.00	33.16 0.00 0.00	29.82 0.00 0.00	30.27 0.00 0.00	31.38 0.00 0.00	31.42 0.00 0.00	33.61 0.00 0.00	30.33 0.00 0.00	34.33 0.00 0.00	30.98 0.00 0.00	32.83 0.00 0.00	29.04 0.00 0.00	24.64 0.00 0.00
NYPA_BRENTWD__GT 24164	31.11 2.42 0.00	27.19 2.12 0.00	24.14 1.84 0.00	25.32 1.92 0.00	25.24 1.80 0.00	26.97 1.90 0.00	32.91 2.34 0.00	36.42 3.15 0.00	50.12 3.68 -9.22	42.23 3.10 -6.46	38.09 2.47 -3.34	55.41 2.54 -19.57	60.27 2.75 -24.37	39.61 2.43 -7.37	60.73 2.79 -27.67	80.98 2.57 -47.03	41.72 2.18 -8.12	62.39 2.11 -26.67	51.50 2.37 -18.80	74.25 1.94 -37.98	48.67 2.41 -15.29	61.39 2.09 -26.47	36.83 2.36 -5.43	35.97 2.31 -9.02
NYPA_GOWANUS__GT5 24156	30.85 2.15 -0.01	26.90 1.82 -0.01	23.87 1.57 0.00	24.96 1.56 0.00	24.91 1.46 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.74 2.47 0.00	40.11 2.88 -0.02	38.44 2.52 -3.26	34.90 2.44 -0.18	6.71 2.49 29.08	6.14 2.58 29.60	33.66 2.23 -1.62	32.68 2.41 0.00	33.73 2.35 0.00	33.53 2.12 0.00	35.85 2.23 0.00	32.51 2.18 0.00	36.39 2.07 0.00	32.95 1.97 0.00	34.76 1.93 0.00	34.42 1.98 -3.40	35.12 1.75 -8.73
NYPA_GOWANUS__GT6 24157	30.85 2.15 -0.01	26.90 1.82 -0.01	23.87 1.57 0.00	24.96 1.56 0.00	24.91 1.46 0.00	26.57 1.51 0.00	32.46 1.89 0.00	35.74 2.47 0.00	40.11 2.88 -0.02	38.44 2.52 -3.26	34.90 2.44 -0.18	6.71 2.49 29.08	6.14 2.58 29.60	33.66 2.23 -1.62	32.68 2.41 0.00	33.73 2.35 0.00	33.53 2.12 0.00	35.85 2.23 0.00	32.51 2.18 0.00	36.39 2.07 0.00	32.95 1.97 0.00	34.76 1.93 0.00	34.42 1.98 -3.40	35.12 1.75 -8.73
NYPA_HARLEM_RVR_GT1 24160	30.67 1.98 0.00	26.78 1.70 0.00	23.79 1.49 0.00	24.88 1.48 0.00	24.84 1.40 0.00	26.55 1.49 0.00	32.44 1.87 0.00	35.60 2.34 0.00	39.94 2.71 -0.02	38.22 2.29 -3.26	34.63 2.16 -0.18	35.54 2.24 0.00	35.50 2.34 0.00	33.48 2.04 -1.62	32.57 2.30 0.00	33.63 2.25 0.00	33.44 2.03 0.00	35.79 2.18 0.00	32.41 2.08 0.00	36.31 1.98 0.00	32.86 1.88 0.00	34.71 1.88 0.00	34.38 1.93 -3.41	35.09 1.72 -8.73
NYPA_HARLEM_RVR_GT2 24161	30.67 1.98 0.00	26.78 1.70 0.00	23.79 1.49 0.00	24.88 1.48 0.00	24.84 1.40 0.00	26.55 1.49 0.00	32.44 1.87 0.00	35.60 2.34 0.00	39.94 2.71 -0.02	38.22 2.29 -3.26	34.63 2.16 -0.18	35.54 2.24 0.00	35.50 2.34 0.00	33.48 2.04 -1.62	32.57 2.30 0.00	33.63 2.25 0.00	33.44 2.03 0.00	35.79 2.18 0.00	32.41 2.08 0.00	36.31 1.98 0.00	32.86 1.88 0.00	34.71 1.88 0.00	34.38 1.93 -3.41	35.09 1.72 -8.73
NYPA_KENT__GT 24152	30.79 2.10 0.00	26.84 1.77 0.00	23.83 1.53 0.00	24.93 1.53 0.00	24.89 1.44 0.00	26.56 1.51 0.00	32.45 1.88 0.00	35.71 2.44 0.00	40.06 2.83 -0.02	38.40 2.48 -3.26	34.84 2.38 -0.18	35.71 2.41 0.00	35.66 2.50 0.00	33.58 2.15 -1.62	32.61 2.34 0.00	33.67 2.28 0.00	33.47 2.06 0.00	35.81 2.19 0.00	32.44 2.12 0.00	36.33 2.01 0.00	32.88 1.90 0.00	34.72 1.89 0.00	34.41 1.96 -3.41	35.11 1.74 -8.73
NYPA_POUCH1__GT 24155	30.82 2.12 -0.01	26.88 1.80 -0.01	23.85 1.54 0.00	24.92 1.53 0.00	24.87 1.43 0.00	26.52 1.46 0.00	32.34 1.81 0.04	35.55 2.39 0.10	39.32 2.77 0.67	35.14 2.42 -0.06	34.80 2.37 -0.15	34.77 2.38 0.90	34.69 2.48 0.95	33.61 2.18 -1.62	32.63 2.36 0.00	33.70 2.32 0.00	33.49 2.07 0.00	35.76 2.15 0.00	32.45 2.13 0.00	34.94 1.94 1.33	32.84 1.86 0.00	33.07 1.80 1.56	27.02 1.88 3.90	34.44 1.69 -8.12
NYPA_VERNON__GT2 24162	30.71 2.02 0.00	26.77 1.69 0.00	23.78 1.47 0.00	24.89 1.49 0.00	24.84 1.39 0.00	26.53 1.48 0.00	32.43 1.86 0.00	35.65 2.38 0.00	39.99 2.76 -0.02	38.33 2.41 -3.26	34.76 2.29 -0.18	35.65 2.35 0.00	35.59 2.44 0.00	33.52 2.09 -1.62	32.56 2.29 0.00	33.62 2.24 0.00	33.43 2.02 0.00	35.78 2.16 0.00	32.40 2.07 0.00	36.30 1.97 0.00	32.84 1.86 0.00	34.67 1.84 0.00	34.38 1.92 -3.41	35.08 1.71 -8.73

NYPY_VERNON____GT3 24163	30.71 2.02 0.00	26.77 1.69 0.00	23.78 1.47 0.00	24.89 1.49 0.00	24.84 1.39 0.00	26.53 1.48 0.00	32.43 1.86 0.00	35.65 2.38 0.00	39.99 2.76 -0.02	38.33 2.41 -3.26	34.76 2.29 -0.18	35.65 2.35 0.00	35.59 2.44 0.00	33.52 2.09 -1.62	32.56 2.29 0.00	33.62 2.24 0.00	33.43 2.02 0.00	35.78 2.16 0.00	32.40 2.07 0.00	36.30 1.97 0.00	32.84 1.86 0.00	34.67 1.84 0.00	34.38 1.92 -3.41	35.08 1.71 -8.73
NYPY____ASTORIA_CC1 323568	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.44 0.00	24.84 1.45 0.00	24.80 1.36 0.00	26.49 1.43 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.91 2.68 -0.02	38.26 2.34 -3.26	34.70 2.23 -0.18	35.58 2.29 0.00	35.53 2.37 0.00	33.47 2.03 -1.62	32.51 2.24 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.11 0.00	32.34 2.02 0.00	36.25 1.92 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
NYPY____ASTORIA_CC2 323569	30.65 1.96 0.00	26.72 1.65 0.00	23.74 1.44 0.00	24.84 1.45 0.00	24.80 1.36 0.00	26.49 1.43 0.00	32.37 1.81 0.00	35.58 2.32 0.00	39.91 2.68 -0.02	38.26 2.34 -3.26	34.70 2.23 -0.18	35.58 2.29 0.00	35.53 2.37 0.00	33.47 2.03 -1.62	32.51 2.24 0.00	33.56 2.18 0.00	33.37 1.96 0.00	35.72 2.11 0.00	32.34 2.02 0.00	36.25 1.92 0.00	32.79 1.81 0.00	34.63 1.80 0.00	34.33 1.87 -3.41	35.04 1.67 -8.73
NYPY____HOLTSVILL 23794	30.86 2.17 0.00	26.96 1.89 0.00	23.95 1.65 0.00	25.14 1.74 0.00	25.06 1.62 0.00	26.76 1.70 0.00	32.69 2.13 0.00	36.31 3.02 -0.03	77.81 3.48 -37.12	51.96 2.93 -16.36	48.47 2.51 -13.67	121.13 2.60 -85.23	139.89 2.81 -103.93	59.15 2.50 -26.83	151.62 2.85 -118.50	235.75 2.66 -201.71	68.85 2.31 -35.13	150.76 2.28 -114.87	113.85 2.52 -81.00	200.12 2.11 -163.69	99.28 2.44 -65.86	149.00 2.14 -114.03	43.39 2.32 -12.02	37.13 2.27 -10.22
NYPY____HELLGATE_GT1 24158	30.67 1.98 0.00	26.78 1.70 0.00	23.79 1.49 0.00	24.88 1.48 0.00	24.84 1.40 0.00	26.55 1.49 0.00	32.44 1.87 0.00	35.60 2.34 0.00	39.94 2.70 -0.02	38.19 2.27 -3.26	34.62 2.15 -0.18	35.54 2.24 0.00	35.50 2.34 0.00	33.48 2.04 -1.62	32.57 2.30 0.00	33.63 2.25 0.00	33.44 2.03 0.00	35.79 2.18 0.00	32.41 2.08 0.00	36.31 1.98 0.00	32.86 1.88 0.00	34.71 1.88 0.00	34.38 1.93 -3.41	35.09 1.72 -8.73
NYPY____HELLGATE_GT2 24159	30.67 1.98 0.00	26.78 1.70 0.00	23.79 1.49 0.00	24.88 1.48 0.00	24.84 1.40 0.00	26.55 1.49 0.00	32.44 1.87 0.00	35.60 2.34 0.00	39.94 2.70 -0.02	38.19 2.27 -3.26	34.62 2.15 -0.18	35.54 2.24 0.00	35.50 2.34 0.00	33.48 2.04 -1.62	32.57 2.30 0.00	33.63 2.25 0.00	33.44 2.03 0.00	35.79 2.18 0.00	32.41 2.08 0.00	36.31 1.98 0.00	32.86 1.88 0.00	34.71 1.88 0.00	34.38 1.93 -3.41	35.09 1.72 -8.73
NYS_BARGE____HYD 23848	28.77 0.08 0.00	25.33 0.25 0.00	22.35 0.04 0.00	23.44 0.05 0.00	23.37 -0.08 0.00	25.23 0.17 0.00	30.70 0.14 0.00	32.35 -0.91 0.00	35.98 -1.24 0.00	31.74 -0.93 0.00	30.86 -1.42 0.00	31.55 -1.75 0.00	31.39 -1.77 0.00	28.15 -1.67 0.00	28.45 -1.82 0.00	29.69 -1.69 0.00	30.21 -1.21 0.00	33.26 -0.35 0.00	30.16 -0.17 0.00	34.28 -0.04 0.00	30.74 -0.23 0.00	32.61 -0.22 0.00	28.69 -0.35 0.00	24.49 -0.15 0.00
OAK ORCHARD____HYD 24046	29.08 0.39 0.00	25.50 0.42 0.00	22.53 0.22 0.00	23.63 0.23 0.00	23.60 0.15 0.00	25.40 0.34 0.00	30.96 0.40 0.00	33.16 -0.11 0.00	37.01 -0.21 0.00	32.60 -0.06 0.00	31.92 -0.36 0.00	32.70 -0.60 0.00	32.57 -0.58 0.00	29.28 -0.54 0.00	29.63 -0.64 0.00	30.81 -0.57 0.00	31.15 -0.26 0.00	34.00 0.39 0.00	30.79 0.47 0.00	34.92 0.59 0.00	31.36 0.38 0.00	33.19 0.36 0.00	29.22 0.17 0.00	24.81 0.17 0.00
OAKDALE__35_KV_LOAD 356122	29.41 0.36 -0.36	25.33 0.25 0.00	22.48 0.17 0.00	23.63 0.24 0.00	23.59 0.15 0.00	25.31 0.25 0.00	31.47 0.40 -0.52	34.37 0.44 -0.66	37.78 0.56 0.00	33.21 0.42 -0.13	33.22 0.32 -0.61	34.31 0.32 -0.69	34.18 0.33 -0.69	30.69 0.28 -0.60	31.18 0.29 -0.62	32.43 0.37 -0.68	32.57 0.47 -0.68	35.11 0.73 -0.77	31.59 0.64 -0.62	35.86 0.69 -0.85	32.16 0.53 -0.65	34.08 0.50 -0.75	29.84 0.42 -0.38	24.93 0.29 0.00
OCC_CHEM____DRP 24175	28.26 -0.43 0.00	24.96 -0.11 0.00	22.04 -0.27 0.00	23.11 -0.28 0.00	23.05 -0.39 0.00	24.86 -0.20 0.00	30.23 -0.33 0.00	31.77 -1.49 0.00	35.26 -1.96 0.00	31.09 -1.57 0.00	30.21 -2.07 0.00	30.86 -2.44 0.00	30.58 -2.58 0.00	27.34 -2.48 0.00	27.69 -2.58 0.00	28.93 -2.45 0.00	29.43 -1.99 0.00	32.43 -1.18 0.00	29.40 -0.92 0.00	33.43 -0.89 0.00	29.97 -1.00 0.00	31.78 -1.05 0.00	28.01 -1.04 0.00	24.06 -0.58 0.00
OH_GEN_PROXY 24063	28.39 -0.30 0.00	41.69 -0.04 -16.65	37.95 -0.22 -15.86	23.19 -0.21 0.00	23.12 -0.33 0.00	24.96 -0.10 0.00	30.37 -0.19 0.00	32.06 -1.21 0.00	35.60 -1.62 0.00	31.37 -1.29 0.00	30.52 -1.77 0.00	31.18 -2.12 0.00	30.97 -2.19 0.00	27.79 -2.02 0.00	28.14 -2.14 0.00	29.36 -2.02 0.00	30.53 -1.56 -0.68	32.88 -0.76 -0.03	29.75 -0.58 0.00	33.97 -0.50 -0.14	30.34 -0.63 0.00	61.62 -0.67 -29.46	28.32 -0.72 0.00	24.98 -0.45 -0.79
OLIN_CORP_DRP 24177	28.30 -0.39 0.00	24.94 -0.13 0.00	22.02 -0.28 0.00	23.11 -0.29 0.00	23.04 -0.41 0.00	24.84 -0.22 0.00	30.21 -0.35 0.00	31.77 -1.49 0.00	35.27 -1.95 0.00	31.10 -1.57 0.00	30.24 -2.05 0.00	30.89 -2.41 0.00	30.73 -2.43 0.00	27.55 -2.27 0.00	27.89 -2.38 0.00	29.13 -2.26 0.00	29.63 -1.79 0.00	32.64 -0.97 0.00	29.60 -0.73 0.00	33.67 -0.66 0.00	30.18 -0.80 0.00	31.99 -0.84 0.00	28.17 -0.88 0.00	24.09 -0.55 0.00
OLIN_CORP_DSASP 323712	28.26 -0.43 0.00	24.96 -0.11 0.00	22.03 -0.28 0.00	23.12 -0.28 0.00	23.05 -0.39 0.00	24.88 -0.18 0.00	30.24 -0.32 0.00	31.78 -1.49 0.00	35.26 -1.96 0.00	31.10 -1.56 0.00	30.23 -2.06 0.00	30.88 -2.42 0.00	30.59 -2.57 0.00	27.39 -2.43 0.00	27.72 -2.55 0.00	28.93 -2.45 0.00	29.45 -1.96 0.00	32.44 -1.17 0.00	29.42 -0.91 0.00	33.42 -0.90 0.00	29.98 -0.99 0.00	31.79 -1.04 0.00	28.01 -1.03 0.00	24.06 -0.58 0.00
ONEIDA_HERK_LFGE 323681	29.44 0.56 -0.18	25.38 0.31 0.00	22.50 0.20 0.00	23.69 0.29 0.00	23.85 0.40 0.00	25.57 0.51 0.00	31.48 0.66 -0.26	34.51 0.90 -0.34	38.28 1.06 0.00	33.63 0.90 -0.06	33.43 0.84 -0.31	34.71 1.07 -0.34	34.48 0.98 -0.34	30.99 0.88 -0.30	31.38 0.80 -0.31	32.48 0.75 -0.34	32.52 0.77 -0.34	35.04 1.04 -0.38	31.54 0.91 -0.31	35.71 0.96 -0.42	32.15 0.85 -0.32	34.12 0.92 -0.37	29.93 0.70 -0.19	25.12 0.48 0.00
ONEIDA____115KV_TB4 55905	29.75 0.78 -0.28	25.67 0.59 0.00	22.80 0.49 0.00	23.94 0.55 0.00	24.01 0.56 0.00	25.72 0.66 0.00	31.86 0.89 -0.40	34.83 1.05 -0.51	38.48 1.26 0.00	33.85 1.09 -0.10	33.79 1.03 -0.47	35.08 1.25 -0.53	34.89 1.19 -0.53	31.29 1.02 -0.46	31.82 1.08 -0.47	33.00 1.09 -0.52	33.03 1.10 -0.52	35.64 1.44 -0.59	32.06 1.25 -0.47	36.34 1.37 -0.65	32.65 1.18 -0.50	34.57 1.16 -0.58	30.24 0.90 -0.29	25.32 0.68 0.00

ONONDAGA_REF_OCCRA 23987	29.41 0.09 -0.63	25.12 0.04 -0.01	22.31 0.00 0.00	23.41 0.02 0.00	23.42 -0.03 0.00	25.09 0.03 0.00	31.54 0.07 -0.91	34.48 0.05 -1.17	37.34 0.12 0.00	33.03 0.13 -0.23	33.48 0.08 -1.11	34.66 0.11 -1.25	34.53 0.12 -1.25	31.00 0.10 -1.08	31.47 0.08 -1.12	32.76 0.14 -1.24	32.87 0.22 -1.24	35.40 0.39 -1.40	31.80 0.36 -1.12	36.23 0.37 -1.53	32.43 0.27 -1.18	34.40 0.20 -1.36	29.83 0.10 -0.69	24.67 0.03 0.00
ONONDAGA___COGEN 23986	29.70 0.04 -0.97	25.08 -0.01 -0.01	22.27 -0.04 0.00	23.38 -0.01 0.00	23.38 -0.07 0.00	25.06 -0.01 0.00	31.98 0.02 -1.40	35.02 -0.04 -1.79	37.25 0.03 0.00	33.09 0.07 -0.36	34.07 0.03 -1.75	35.37 0.09 -1.98	35.22 0.08 -1.98	31.61 0.08 -1.71	32.07 0.03 -1.77	33.44 0.10 -1.95	33.53 0.16 -1.95	36.13 0.31 -2.21	32.39 0.29 -1.77	37.04 0.29 -2.42	33.05 0.21 -1.86	35.12 0.14 -2.15	30.17 0.04 -1.08	24.64 0.00 0.00
ONTARIO___LFGE 23819	29.55 0.55 -0.31	25.54 0.46 0.00	22.60 0.29 0.00	23.77 0.37 0.00	23.72 0.27 0.00	25.53 0.47 0.00	31.65 0.64 -0.44	34.39 0.56 -0.57	37.87 0.65 0.00	33.37 0.61 -0.10	33.22 0.44 -0.49	34.34 0.49 -0.56	34.04 0.33 -0.56	30.54 0.24 -0.48	31.04 0.27 -0.50	32.23 0.31 -0.54	32.24 0.29 -0.54	34.98 0.76 -0.61	31.55 0.74 -0.49	35.92 0.93 -0.67	32.21 0.72 -0.51	34.11 0.69 -0.59	29.85 0.51 -0.30	25.09 0.45 0.00
ORANGEVILLE_WT_PWR 323706	28.94 0.25 0.00	25.34 0.27 0.00	22.38 0.08 0.00	23.57 0.17 0.00	23.46 0.01 0.00	25.32 0.26 0.00	30.89 0.32 0.00	33.01 -0.25 0.00	36.88 -0.34 0.00	32.45 -0.21 0.00	31.70 -0.58 0.00	32.45 -0.84 0.00	32.25 -0.91 0.00	28.86 -0.96 0.00	29.09 -1.19 0.00	30.22 -1.16 0.00	30.59 -0.82 0.00	33.48 -0.14 0.00	30.33 0.00 0.00	34.65 0.33 0.00	31.16 0.18 0.00	33.14 0.31 0.00	29.22 0.18 0.00	24.81 0.17 0.00
ORANGEVILLE___ESR 323794	28.94 0.25 0.00	25.34 0.27 0.00	22.38 0.08 0.00	23.57 0.17 0.00	23.46 0.01 0.00	25.32 0.26 0.00	30.89 0.32 0.00	33.01 -0.25 0.00	36.88 -0.34 0.00	32.45 -0.21 0.00	31.70 -0.58 0.00	32.45 -0.84 0.00	32.25 -0.91 0.00	28.86 -0.96 0.00	29.09 -1.19 0.00	30.22 -1.16 0.00	30.59 -0.82 0.00	33.48 -0.14 0.00	30.33 0.00 0.00	34.65 0.33 0.00	31.16 0.18 0.00	33.14 0.31 0.00	29.22 0.18 0.00	24.81 0.17 0.00
OSWEGATCHIE___HYD 24044	28.62 -0.43 -0.36	24.45 -0.63 0.00	21.59 -0.72 0.00	22.76 -0.64 0.00	23.04 -0.41 0.00	24.78 -0.28 0.00	30.73 -0.35 -0.52	33.92 -0.01 -0.67	37.18 -0.04 0.00	32.73 -0.07 -0.14	32.80 -0.14 -0.66	33.96 -0.08 -0.74	33.72 -0.18 -0.74	30.35 -0.10 -0.64	30.65 -0.28 -0.67	31.57 -0.55 -0.73	31.72 -0.43 -0.73	34.05 -0.40 -0.83	30.53 -0.47 -0.67	34.83 -0.41 -0.91	31.40 -0.28 -0.70	33.59 -0.05 -0.81	29.27 -0.18 -0.41	24.31 -0.34 0.00
OSWEGO___5 23606	32.15 -0.55 -4.01	24.64 -0.49 -0.06	21.84 -0.46 0.00	22.93 -0.46 0.00	22.95 -0.49 0.00	24.57 -0.48 0.00	35.74 -0.60 -5.77	39.97 -0.70 -7.40	36.45 -0.76 0.00	33.59 -0.64 -1.57	39.21 -0.62 -7.55	41.15 -0.66 -8.51	41.02 -0.66 -8.52	36.59 -0.59 -7.36	37.27 -0.62 -7.61	39.19 -0.60 -8.41	39.28 -0.54 -8.40	42.69 -0.44 -9.51	37.56 -0.39 -7.62	44.29 -0.46 -10.42	38.54 -0.45 -8.01	41.57 -0.52 -9.26	33.20 -0.51 -4.67	24.18 -0.46 0.00
OSWEGO___6 23613	32.15 -0.55 -4.01	24.64 -0.49 -0.06	21.84 -0.46 0.00	22.93 -0.46 0.00	22.95 -0.49 0.00	24.57 -0.48 0.00	35.74 -0.60 -5.77	39.97 -0.70 -7.40	36.45 -0.76 0.00	33.59 -0.64 -1.57	39.21 -0.62 -7.55	41.15 -0.66 -8.51	41.02 -0.66 -8.52	36.59 -0.59 -7.36	37.27 -0.62 -7.61	39.19 -0.60 -8.41	39.28 -0.54 -8.40	42.69 -0.44 -9.51	37.56 -0.39 -7.62	44.29 -0.46 -10.42	38.54 -0.45 -8.01	41.57 -0.52 -9.26	33.20 -0.51 -4.67	24.18 -0.46 0.00
OUTOKUMPU-AB___DRP 24206	29.01 0.32 0.00	25.56 0.48 0.00	22.56 0.25 0.00	23.64 0.24 0.00	23.56 0.11 0.00	25.42 0.36 0.00	30.96 0.40 0.00	32.70 -0.56 0.00	36.38 -0.84 0.00	32.07 -0.59 0.00	31.24 -1.05 0.00	31.95 -1.34 0.00	31.67 -1.49 0.00	28.32 -1.50 0.00	28.68 -1.59 0.00	29.94 -1.45 0.00	30.44 -0.98 0.00	33.51 -0.10 0.00	30.34 0.02 0.00	34.51 0.18 0.00	30.90 -0.08 0.00	32.85 0.02 0.00	28.96 -0.09 0.00	24.71 0.07 0.00
OXBOW___ 24026	28.73 0.04 0.00	25.34 0.26 0.00	22.36 0.05 0.00	23.45 0.05 0.00	23.37 -0.08 0.00	25.24 0.18 0.00	30.70 0.14 0.00	32.34 -0.92 0.00	35.94 -1.28 0.00	31.71 -0.95 0.00	30.86 -1.43 0.00	31.55 -1.75 0.00	31.27 -1.89 0.00	28.00 -1.82 0.00	28.33 -1.94 0.00	29.56 -1.82 0.00	30.08 -1.33 0.00	33.12 -0.49 0.00	30.01 -0.32 0.00	34.10 -0.23 0.00	30.56 -0.42 0.00	32.45 -0.38 0.00	28.58 -0.46 0.00	24.47 -0.17 0.00
OXY_CHEM_DSASP 323612	28.26 -0.43 0.00	24.96 -0.11 0.00	22.04 -0.27 0.00	23.11 -0.28 0.00	23.05 -0.39 0.00	24.86 -0.20 0.00	30.23 -0.33 0.00	31.77 -1.49 0.00	35.26 -1.96 0.00	31.09 -1.57 0.00	30.21 -2.07 0.00	30.86 -2.44 0.00	30.58 -2.58 0.00	27.34 -2.48 0.00	27.69 -2.58 0.00	28.93 -2.45 0.00	29.43 -1.99 0.00	32.43 -1.18 0.00	29.40 -0.92 0.00	33.43 -0.89 0.00	29.97 -1.00 0.00	31.78 -1.05 0.00	28.01 -1.04 0.00	24.06 -0.58 0.00
OZONE_PARK_ESR 323760	31.09 2.40 0.00	27.07 1.99 0.00	24.04 1.73 0.00	25.16 1.77 0.00	25.11 1.67 0.00	26.85 1.79 0.00	32.80 2.24 0.00	36.02 2.76 0.00	40.41 3.17 -0.02	38.74 2.82 -3.26	35.22 2.75 -0.18	36.15 2.85 0.00	36.11 2.95 0.00	34.00 2.57 -1.62	33.05 2.78 0.00	34.13 2.75 0.00	33.96 2.54 0.00	36.37 2.75 0.00	32.93 2.60 0.00	36.89 2.56 0.00	33.35 2.38 0.00	35.18 2.35 0.00	34.75 2.30 -3.41	35.40 2.04 -8.73
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.26 -0.43 0.00	24.96 -0.11 0.00	22.04 -0.27 0.00	23.11 -0.28 0.00	23.05 -0.39 0.00	24.86 -0.20 0.00	30.23 -0.33 0.00	31.77 -1.49 0.00	35.26 -1.96 0.00	31.09 -1.57 0.00	30.21 -2.07 0.00	30.86 -2.44 0.00	30.58 -2.58 0.00	27.34 -2.48 0.00	27.69 -2.58 0.00	28.93 -2.45 0.00	29.43 -1.99 0.00	32.43 -1.18 0.00	29.40 -0.92 0.00	33.43 -0.89 0.00	29.97 -1.00 0.00	31.78 -1.05 0.00	28.01 -1.04 0.00	24.06 -0.58 0.00
PACKARD___115KV_DUPONT_184 80571	28.26 -0.43 0.00	24.96 -0.11 0.00	22.04 -0.27 0.00	23.11 -0.28 0.00	23.05 -0.39 0.00	24.86 -0.20 0.00	30.23 -0.33 0.00	31.77 -1.49 0.00	35.26 -1.96 0.00	31.09 -1.57 0.00	30.21 -2.07 0.00	30.86 -2.44 0.00	30.58 -2.58 0.00	27.34 -2.48 0.00	27.69 -2.58 0.00	28.93 -2.45 0.00	29.43 -1.99 0.00	32.43 -1.18 0.00	29.40 -0.92 0.00	33.43 -0.89 0.00	29.97 -1.00 0.00	31.78 -1.05 0.00	28.01 -1.04 0.00	24.06 -0.58 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.60 1.91 0.00	26.72 1.65 0.00	23.75 1.44 0.00	24.85 1.45 0.00	24.82 1.37 0.00	26.52 1.46 0.00	32.38 1.82 0.00	35.53 2.27 0.00	39.85 2.62 -0.02	38.16 2.24 -3.26	34.59 2.13 -0.18	35.53 2.24 0.00	35.49 2.34 0.00	33.49 2.05 -1.62	32.58 2.31 0.00	33.64 2.26 0.00	33.47 2.05 0.00	35.83 2.22 0.00	32.44 2.11 0.00	36.33 2.00 0.00	32.88 1.90 0.00	34.70 1.87 0.00	34.33 1.88 -3.41	35.03 1.66 -8.73

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.77 2.08 0.00	26.88 1.80 0.00	23.89 1.58 0.00	24.99 1.60 0.00	24.96 1.52 0.00	26.70 1.64 0.00	32.60 2.04 0.00	35.73 2.47 0.00	40.06 2.82 -0.02	38.36 2.44 -3.26	34.76 2.29 -0.18	35.86 2.56 0.00	35.80 2.65 0.00	33.75 2.32 -1.62	32.71 2.44 0.00	33.76 2.38 0.00	33.58 2.16 0.00	35.93 2.32 0.00	32.56 2.23 0.00	36.47 2.15 0.00	33.02 2.04 0.00	34.88 2.05 0.00	34.47 2.02 -3.41	35.12 1.75 -8.73
PATROON__115KV_TB1 80586	29.54 0.85 0.00	25.86 0.79 0.00	23.10 0.79 0.00	24.21 0.81 0.00	24.28 0.83 0.00	25.68 0.62 0.00	31.24 0.67 0.00	34.09 0.83 0.00	38.18 0.99 0.02	33.83 0.85 -0.32	32.91 0.83 0.21	34.16 0.86 0.00	34.15 0.98 0.00	31.20 0.93 -0.46	31.36 1.08 0.00	32.54 1.15 0.00	32.42 1.00 0.00	34.67 1.05 0.00	31.27 0.94 0.00	35.16 0.84 0.00	31.78 0.81 0.00	33.45 0.62 0.00	30.47 0.65 -0.78	27.33 0.70 -1.99
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.17 0.48 0.00	25.59 0.51 0.00	22.58 0.27 0.00	23.70 0.30 0.00	23.60 0.15 0.00	25.48 0.42 0.00	31.12 0.56 0.00	33.13 -0.14 0.00	36.94 -0.27 0.00	32.51 -0.16 0.00	31.70 -0.58 0.00	32.46 -0.84 0.00	32.28 -0.88 0.00	28.97 -0.85 0.00	29.31 -0.97 0.00	30.59 -0.79 0.00	31.06 -0.35 0.00	34.06 0.45 0.00	30.80 0.47 0.00	35.03 0.71 0.00	31.37 0.39 0.00	33.27 0.44 0.00	29.29 0.24 0.00	24.89 0.24 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.66 1.97 0.00	26.72 1.64 0.00	23.77 1.47 0.00	24.89 1.50 0.00	24.87 1.43 0.00	26.56 1.50 0.00	32.42 1.86 0.00	35.56 2.29 0.00	39.91 2.68 -0.02	36.39 2.37 -1.36	34.79 2.35 -0.16	35.80 2.50 0.00	35.79 2.63 0.00	33.00 2.32 -0.87	32.75 2.48 0.00	33.84 2.45 0.00	33.73 2.32 0.00	36.18 2.57 0.00	32.73 2.41 0.00	36.68 2.36 0.00	33.13 2.15 0.00	34.86 2.03 0.00	32.22 1.92 -1.26	29.53 1.66 -3.23
PEEKSKILL____ 23653	30.28 1.58 0.00	26.40 1.32 0.00	23.49 1.18 0.00	24.62 1.22 0.00	24.59 1.14 0.00	26.26 1.19 0.00	32.04 1.47 0.00	35.14 1.87 0.00	39.42 2.18 -0.02	38.31 1.91 -3.74	34.34 1.88 -0.18	35.27 1.97 0.00	35.27 2.11 0.00	33.38 1.84 -1.72	32.33 2.06 0.00	33.43 2.05 0.00	33.30 1.88 0.00	35.67 2.06 0.00	32.27 1.95 0.00	36.18 1.85 0.00	32.70 1.72 0.00	34.45 1.62 0.00	34.61 1.60 -3.97	36.22 1.42 -10.16
PGE MADISON__WINDPWR 24146	31.26 2.17 -0.39	26.65 1.57 -0.01	23.65 1.34 0.00	24.89 1.50 0.00	25.02 1.58 0.00	26.99 1.93 0.00	33.74 2.61 -0.57	37.00 3.01 -0.73	40.80 3.58 0.00	35.87 3.06 -0.14	35.81 2.84 -0.68	37.20 3.13 -0.77	36.93 2.99 -0.77	33.04 2.55 -0.67	33.35 2.39 -0.69	34.75 2.61 -0.76	35.08 2.90 -0.76	38.13 3.65 -0.86	34.47 3.45 -0.69	39.13 3.86 -0.94	34.97 3.27 -0.73	36.96 3.29 -0.84	32.10 2.63 -0.42	26.66 2.02 0.00
PIERCEFIELD__HYD 23852	28.11 -0.77 -0.18	24.37 -0.70 0.00	21.57 -0.74 0.00	22.61 -0.78 0.00	22.77 -0.67 0.00	24.46 -0.60 0.00	30.14 -0.69 -0.26	32.98 -0.64 -0.35	36.52 -0.69 0.00	32.10 -0.64 -0.07	32.03 -0.59 -0.34	33.18 -0.49 -0.38	32.95 -0.59 -0.38	29.63 -0.52 -0.33	29.91 -0.70 -0.34	30.90 -0.86 -0.38	31.06 -0.73 -0.38	33.13 -0.91 -0.43	29.76 -0.90 -0.34	33.95 -0.85 -0.47	30.62 -0.72 -0.36	32.74 -0.51 -0.41	28.67 -0.58 -0.21	24.01 -0.63 0.00
PINELAWN_CC_1 323563	31.07 2.38 0.00	27.14 2.06 0.00	24.09 1.78 0.00	25.24 1.85 0.00	25.17 1.72 0.00	26.89 1.83 0.00	32.84 2.28 0.00	36.27 3.01 0.00	43.58 3.46 -2.90	39.72 2.81 -4.24	35.80 2.35 -1.17	41.80 2.41 -6.10	43.43 2.48 -7.79	35.38 2.15 -3.41	41.66 2.60 -8.79	48.41 2.36 -14.67	35.92 1.99 -2.52	43.83 1.90 -8.31	38.37 2.18 -5.86	47.93 1.76 -11.84	37.82 2.08 -4.77	43.01 1.93 -8.26	35.39 2.32 -4.02	35.61 2.19 -8.77
PJM_GEN_HTP_PROXY 323702	31.16 1.89 -0.58	26.65 1.57 0.00	23.68 1.37 0.00	24.79 1.40 0.00	24.76 1.31 0.00	26.45 1.39 0.00	32.31 1.74 0.00	35.48 2.22 0.00	39.81 2.57 -0.02	38.19 2.27 -3.26	34.69 2.22 -0.18	35.59 2.29 0.00	35.53 2.38 0.00	33.49 2.06 -1.62	32.55 2.28 0.00	33.36 2.24 0.27	33.44 2.02 0.00	35.80 2.18 0.00	32.20 2.08 0.21	36.32 1.99 0.00	32.83 1.85 0.00	34.63 1.80 0.00	34.26 1.81 -3.41	35.00 1.62 -8.73
PJM_GEN_KEystone 24065	29.90 0.63 -0.58	25.59 0.51 0.00	22.30 0.37 0.38	23.84 0.44 0.00	23.74 0.29 0.00	25.51 0.45 0.00	31.12 0.60 0.05	33.83 0.67 0.11	38.14 0.79 -0.13	28.94 0.63 4.36	32.81 0.46 -0.07	33.65 0.39 0.04	33.55 0.45 0.06	28.68 0.39 1.53	30.77 0.50 0.00	31.67 0.55 0.27	32.04 0.62 0.00	34.56 0.96 0.02	30.99 0.88 0.21	35.06 0.86 0.12	31.67 0.70 0.00	33.35 0.64 0.12	24.13 0.64 5.55	11.92 0.55 13.28
PJM_GEN_NEPTUNE_PROXY 323594	31.21 1.94 -0.58	26.74 1.67 0.00	23.75 1.45 0.00	24.89 1.50 0.00	24.83 1.38 0.00	26.51 1.45 0.00	32.36 1.80 0.00	35.64 2.38 0.00	39.94 2.70 -0.02	38.22 2.32 -3.24	34.54 2.07 -0.18	35.50 2.20 0.00	35.82 2.38 -0.27	33.56 2.13 -1.62	32.91 2.41 -0.23	33.32 2.20 0.27	33.27 1.86 0.00	35.42 1.81 0.00	32.14 2.03 0.21	36.01 1.68 0.00	32.87 1.89 0.00	34.45 1.62 0.00	34.26 1.83 -3.38	35.06 1.76 -8.66
PJM_GEN_VFT_PROXY 323633	31.04 1.77 -0.58	26.53 1.46 0.00	23.56 1.26 0.00	24.69 1.29 0.00	24.65 1.20 0.00	26.34 1.28 0.00	31.49 1.60 0.67	33.78 2.03 1.52	33.44 2.32 6.10	34.06 2.06 0.67	34.05 2.01 0.25	34.86 2.10 0.53	34.47 2.21 0.89	33.35 1.92 -1.62	32.39 2.12 0.00	33.20 2.09 0.27	33.27 1.86 0.00	35.17 1.99 0.44	32.00 1.89 0.22	34.35 1.77 1.75	32.62 1.65 0.01	32.72 1.57 1.68	24.97 1.62 5.69	25.03 1.49 1.10
PLATSBRG_115KV_PMLD1 355749	30.28 1.59 0.00	26.53 1.46 0.00	23.37 1.07 0.00	24.24 0.84 0.00	24.27 0.82 0.00	26.22 1.16 0.00	32.02 1.46 0.00	34.87 1.61 0.00	39.20 1.98 0.00	34.41 1.75 0.00	34.24 1.96 0.00	35.35 2.05 0.00	34.98 1.82 0.00	31.63 1.82 0.00	32.07 1.80 0.00	32.76 1.37 0.00	33.06 1.64 0.00	35.43 1.82 0.00	31.93 1.61 0.00	36.33 2.00 0.00	32.79 1.81 0.00	34.85 2.02 0.00	30.92 1.88 0.00	25.95 1.31 0.00
PLEASANTVLY__LBMP 24000	30.07 1.38 0.00	26.24 1.17 0.00	23.39 1.08 0.00	24.49 1.10 0.00	24.49 1.05 0.00	26.12 1.06 0.00	31.83 1.27 0.00	34.86 1.59 0.00	39.08 1.84 -0.02	36.00 1.61 -1.73	34.07 1.57 -0.21	34.94 1.65 0.00	34.95 1.79 0.00	32.49 1.57 -1.10	32.04 1.77 0.00	33.14 1.76 0.00	33.01 1.60 0.00	35.35 1.74 0.00	31.97 1.64 0.00	35.86 1.53 0.00	32.42 1.45 0.00	34.14 1.31 0.00	31.93 1.32 -1.58	29.88 1.21 -4.03
PLSNTVLE_13_KV_13.8KVDIST 80602	30.43 1.74 0.00	26.54 1.46 0.00	23.60 1.29 0.00	24.72 1.32 0.00	24.69 1.24 0.00	26.38 1.32 0.00	32.19 1.63 0.00	35.30 2.04 0.00	39.60 2.36 -0.02	37.38 2.09 -2.63	34.51 2.04 -0.19	35.43 2.13 0.00	35.41 2.25 0.00	33.25 1.95 -1.48	32.45 2.18 0.00	33.54 2.15 0.00	33.40 1.98 0.00	35.77 2.15 0.00	32.37 2.05 0.00	36.27 1.94 0.00	32.80 1.83 0.00	34.56 1.73 0.00	33.43 1.71 -2.67	32.99 1.52 -6.84

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.43 1.74 0.00	26.54 1.46 0.00	23.60 1.29 0.00	24.72 1.32 0.00	24.69 1.24 0.00	26.38 1.32 0.00	32.19 1.63 0.00	35.30 2.04 0.00	39.60 2.36 -0.02	37.38 2.09 -2.63	34.51 2.04 -0.19	35.43 2.13 0.00	35.41 2.25 0.00	33.25 1.95 -1.48	32.45 2.18 0.00	33.54 2.15 0.00	33.40 1.98 0.00	35.77 2.15 0.00	32.37 2.05 0.00	36.27 1.94 0.00	32.80 1.83 0.00	34.56 1.73 0.00	33.43 1.71 -2.67	32.99 1.52 -6.84
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.35 1.65 0.00	26.47 1.39 0.00	23.57 1.27 0.00	24.68 1.28 0.00	24.68 1.23 0.00	26.33 1.27 0.00	32.10 1.54 0.00	35.16 1.90 0.00	39.42 2.21 0.01	35.18 1.93 -0.60	34.15 1.92 0.05	35.33 2.03 0.00	35.35 2.19 0.00	32.38 1.96 -0.60	32.41 2.14 0.00	33.51 2.12 0.00	33.41 2.00 0.00	35.82 2.21 0.00	32.43 2.10 0.00	36.32 1.99 0.00	32.82 1.85 0.00	34.51 1.68 0.00	31.45 1.61 -0.80	28.10 1.42 -2.04
POLETTI____ 23519	30.59 1.90 0.00	26.65 1.57 0.00	23.69 1.38 0.00	24.81 1.41 0.00	24.76 1.32 0.00	26.46 1.40 0.00	32.30 1.74 0.00	35.48 2.21 0.00	39.79 2.55 -0.02	38.18 2.25 -3.26	34.66 2.20 -0.18	35.57 2.27 0.00	35.53 2.37 0.00	33.49 2.05 -1.62	32.54 2.27 0.00	33.61 2.22 0.00	33.42 2.01 0.00	35.79 2.17 0.00	32.39 2.07 0.00	36.28 1.96 0.00	32.82 1.84 0.00	34.60 1.77 0.00	34.25 1.80 -3.41	35.00 1.63 -8.73
POMONA____ESR 323819	30.18 1.49 0.00	26.31 1.24 0.00	23.42 1.12 0.00	24.57 1.17 0.00	24.53 1.08 0.00	26.20 1.14 0.00	31.96 1.39 0.00	35.04 1.78 0.00	39.32 2.09 -0.02	30.82 1.82 3.67	34.26 1.81 -0.17	35.24 1.94 0.00	35.25 2.09 0.00	29.92 1.83 1.73	32.34 2.07 0.00	33.48 2.10 0.00	33.37 1.95 0.00	35.76 2.14 0.00	32.35 2.02 0.00	36.24 1.91 0.00	32.74 1.76 0.00	34.47 1.64 0.00	26.06 1.60 4.58	14.28 1.38 11.73
PORT_JEFF_3 23555	30.90 2.21 0.00	26.99 1.92 0.00	23.97 1.67 0.00	25.15 1.76 0.00	25.08 1.64 0.00	26.78 1.72 0.00	32.72 2.15 0.00	36.36 3.07 -0.03	76.61 3.53 -35.87	51.57 2.93 -15.98	48.35 2.46 -13.61	121.40 2.51 -85.59	139.65 2.72 -103.77	59.23 2.40 -27.01	151.43 2.75 -118.41	235.06 2.57 -201.10	68.78 2.20 -35.16	150.55 2.17 -114.77	113.68 2.43 -80.93	199.90 1.99 -163.59	99.12 2.35 -65.80	148.81 2.05 -113.93	43.22 2.26 -11.92	37.12 2.27 -10.22
PORT_JEFF_4 23616	30.90 2.21 0.00	26.99 1.92 0.00	23.97 1.67 0.00	25.15 1.76 0.00	25.08 1.64 0.00	26.78 1.72 0.00	32.72 2.15 0.00	36.36 3.07 -0.03	76.61 3.53 -35.87	51.57 2.93 -15.98	48.35 2.46 -13.61	121.40 2.51 -85.59	139.65 2.72 -103.77	59.23 2.40 -27.01	151.43 2.75 -118.41	235.06 2.57 -201.10	68.78 2.20 -35.16	150.55 2.17 -114.77	113.68 2.43 -80.93	199.90 1.99 -163.59	99.12 2.35 -65.80	148.81 2.05 -113.93	43.22 2.26 -11.92	37.12 2.27 -10.22
PORT_JEFF_IC 23713	30.98 2.29 0.00	27.06 1.98 0.00	24.03 1.73 0.00	25.21 1.81 0.00	25.14 1.70 0.00	26.84 1.78 0.00	32.81 2.24 0.00	36.47 3.19 -0.02	73.06 3.66 -32.19	50.60 3.03 -14.91	48.42 2.56 -13.58	123.98 2.66 -88.02	140.68 2.80 -104.72	60.26 2.47 -27.97	152.90 2.82 -119.81	235.56 2.66 -201.52	63.01 2.26 -29.33	151.54 2.28 -115.65	112.67 2.55 -79.79	198.44 2.17 -161.94	95.46 2.47 -62.02	149.03 2.23 -113.96	43.06 2.33 -11.68	37.24 2.36 -10.23
PPL PILGRIM_ST_GT1 24216	31.11 2.42 0.00	27.19 2.12 0.00	24.14 1.84 0.00	25.32 1.92 0.00	25.24 1.80 0.00	26.97 1.90 0.00	32.91 2.34 0.00	36.42 3.15 0.00	50.12 3.68 -9.22	42.23 3.10 -6.46	38.09 2.47 -3.34	55.41 2.54 -19.57	60.27 2.75 -24.37	39.61 2.43 -7.37	60.73 2.79 -27.67	80.98 2.57 -47.03	41.72 2.18 -8.12	62.39 2.11 -26.67	51.50 2.37 -18.80	74.25 1.94 -37.98	48.67 2.41 -15.29	61.39 2.09 -26.47	36.83 2.36 -5.43	35.97 2.31 -9.02
PPL PILGRIM_ST_GT2 24217	31.11 2.42 0.00	27.19 2.12 0.00	24.14 1.84 0.00	25.32 1.92 0.00	25.24 1.80 0.00	26.97 1.90 0.00	32.91 2.34 0.00	36.42 3.15 0.00	50.12 3.68 -9.22	42.23 3.10 -6.46	38.09 2.47 -3.34	55.41 2.54 -19.57	60.27 2.75 -24.37	39.61 2.43 -7.37	60.73 2.79 -27.67	80.98 2.57 -47.03	41.72 2.18 -8.12	62.39 2.11 -26.67	51.50 2.37 -18.80	74.25 1.94 -37.98	48.67 2.41 -15.29	61.39 2.09 -26.47	36.83 2.36 -5.43	35.97 2.31 -9.02
PPL_SHRM_GT3 24213	30.84 2.15 0.00	26.92 1.84 0.00	23.92 1.61 0.00	25.16 1.76 0.00	25.11 1.66 0.00	26.79 1.73 0.00	32.79 2.23 0.00	36.84 3.56 -0.02	75.93 4.09 -34.61	51.77 3.52 -15.59	48.82 3.10 -13.43	121.54 3.25 -84.99	138.92 3.14 -102.63	59.77 3.07 -26.88	150.63 3.19 -117.17	234.28 2.79 -200.11	91.81 2.72 -57.68	151.26 2.64 -115.00	120.51 2.85 -87.33	211.46 2.47 -174.67	114.86 2.80 -81.08	152.41 2.51 -117.07	43.67 2.87 -11.76	37.56 2.72 -10.20
PPL_SHRM_GT4 24214	30.84 2.15 0.00	26.92 1.84 0.00	23.92 1.61 0.00	25.16 1.76 0.00	25.11 1.66 0.00	26.79 1.73 0.00	32.79 2.23 0.00	36.84 3.56 -0.02	75.93 4.09 -34.61	51.77 3.52 -15.59	48.82 3.10 -13.43	121.54 3.25 -84.99	138.92 3.14 -102.63	59.77 3.07 -26.88	150.63 3.19 -117.17	234.28 2.79 -200.11	91.81 2.72 -57.68	151.26 2.64 -115.00	120.51 2.85 -87.33	211.46 2.47 -174.67	114.86 2.80 -81.08	152.41 2.51 -117.07	43.67 2.87 -11.76	37.56 2.72 -10.20
PROJECT___ORANGE 1 24174	29.14 -0.08 -0.52	24.99 -0.10 -0.01	22.19 -0.11 0.00	23.29 -0.11 0.00	23.29 -0.16 0.00	24.95 -0.11 0.00	31.21 -0.10 -0.75	34.06 -0.16 -0.96	37.11 -0.10 0.00	32.79 -0.06 -0.19	33.07 -0.10 -0.89	34.21 -0.10 -1.01	34.09 -0.09 -1.01	30.60 -0.09 -0.87	31.08 -0.10 -0.90	32.33 -0.05 -1.00	32.43 0.01 -1.00	34.92 0.17 -1.13	31.39 0.15 -0.90	35.71 0.15 -1.24	32.01 0.08 -0.95	33.93 0.00 -1.10	29.51 -0.09 -0.55	24.52 -0.12 0.00
PROJECT___ORANGE 2 24166	29.14 -0.08 -0.52	24.99 -0.10 -0.01	22.19 -0.11 0.00	23.29 -0.11 0.00	23.29 -0.16 0.00	24.95 -0.11 0.00	31.21 -0.10 -0.75	34.06 -0.16 -0.96	37.11 -0.10 0.00	32.79 -0.06 -0.19	33.07 -0.10 -0.89	34.21 -0.10 -1.01	34.09 -0.09 -1.01	30.60 -0.09 -0.87	31.08 -0.10 -0.90	32.33 -0.05 -1.00	32.43 0.01 -1.00	34.92 0.17 -1.13	31.39 0.15 -0.90	35.71 0.15 -1.24	32.01 0.08 -0.95	33.93 0.00 -1.10	29.51 -0.09 -0.55	24.52 -0.12 0.00
PUCKETT___SOLAR 323809	29.92 0.87 -0.35	25.74 0.66 0.00	22.82 0.52 0.00	23.99 0.59 0.00	23.97 0.52 0.00	25.74 0.68 0.00	32.03 0.96 -0.51	35.01 1.09 -0.65	38.47 1.25 0.00	33.78 0.99 -0.13	33.78 0.89 -0.61	34.95 0.96 -0.69	34.73 0.88 -0.69	31.09 0.68 -0.59	31.49 0.60 -0.62	32.81 0.74 -0.68	33.03 0.93 -0.68	35.70 1.31 -0.77	32.26 1.32 -0.62	36.58 1.41 -0.84	32.82 1.19 -0.65	34.75 1.17 -0.75	30.38 0.96 -0.38	25.36 0.72 0.00
PYRITES___HYD 24023	28.66 -0.20 -0.17	24.87 -0.20 0.00	22.04 -0.27 0.00	23.10 -0.30 0.00	23.25 -0.20 0.00	24.98 -0.08 0.00	30.79 -0.02 -0.24	33.66 0.07 -0.32	37.29 0.08 0.00	32.69 -0.04 -0.06	32.58 -0.01 -0.31	33.90 0.25 -0.35	33.66 0.15 -0.35	30.31 0.19 -0.30	30.50 -0.09 -0.32	31.50 -0.24 -0.35	31.66 -0.10 -0.35	33.77 -0.24 -0.39	30.35 -0.29 -0.31	34.64 -0.12 -0.43	31.26 -0.05 -0.33	33.42 0.21 -0.38	29.26 0.03 -0.19	24.52 -0.12 0.00

QUAKERRD_115KV_BK1 80622	28.26 -0.43 0.00	24.76 -0.32 0.00	21.91 -0.39 0.00	22.98 -0.41 0.00	22.98 -0.47 0.00	24.68 -0.38 0.00	30.11 -0.46 0.00	32.35 -0.92 0.00	36.16 -1.06 0.00	31.82 -0.84 0.00	31.22 -1.07 0.00	32.06 -1.23 0.00	31.92 -1.24 0.00	28.67 -1.15 0.00	29.06 -1.21 0.00	30.19 -1.19 0.00	30.45 -0.96 0.00	33.13 -0.48 0.00	29.99 -0.34 0.00	33.99 -0.34 0.00	30.52 -0.45 0.00	32.29 -0.54 0.00	28.42 -0.62 0.00	24.14 -0.51 0.00
QUENSBRY_115KV_TB8 356137	30.58 1.89 0.00	26.67 1.60 0.00	23.76 1.46 0.00	24.87 1.47 0.00	24.97 1.52 0.00	26.62 1.56 0.00	32.45 1.89 0.00	35.41 2.15 0.00	39.65 2.46 0.03	34.93 1.99 -0.27	33.94 1.88 0.22	34.94 1.64 0.00	35.01 1.85 0.00	32.02 1.76 -0.45	32.36 2.09 0.00	33.63 2.24 0.00	33.75 2.34 0.00	36.22 2.60 0.00	32.55 2.22 0.00	36.70 2.37 0.00	33.22 2.24 0.00	34.79 1.96 0.00	31.51 1.71 -0.75	28.11 1.55 -1.92
RAMAPO___LBMP 323565	30.06 1.37 0.00	26.22 1.14 0.00	23.33 1.03 0.00	24.48 1.08 0.00	24.44 0.99 0.00	26.11 1.05 0.00	31.85 1.28 0.00	34.93 1.66 0.00	39.18 1.95 -0.02	30.84 1.69 3.51	34.11 1.66 -0.17	35.07 1.77 0.00	35.08 1.92 0.00	29.81 1.69 1.69	32.18 1.91 0.00	33.30 1.92 0.00	33.19 1.77 0.00	35.57 1.96 0.00	32.18 1.85 0.00	36.06 1.73 0.00	32.58 1.61 0.00	34.32 1.49 0.00	26.13 1.48 4.39	14.66 1.28 11.25
RANKINE____ 23646	29.14 0.45 0.00	25.59 0.52 0.00	22.57 0.27 0.00	23.70 0.30 0.00	23.60 0.16 0.00	25.49 0.43 0.00	31.09 0.53 0.00	33.00 -0.27 0.00	36.75 -0.46 0.00	32.36 -0.30 0.00	31.55 -0.73 0.00	32.30 -1.00 0.00	32.08 -1.08 0.00	28.77 -1.05 0.00	29.11 -1.17 0.00	30.38 -1.01 0.00	30.86 -0.56 0.00	33.89 0.28 0.00	30.67 0.35 0.00	34.93 0.60 0.00	31.29 0.31 0.00	33.19 0.36 0.00	29.22 0.17 0.00	24.86 0.22 0.00
RAVENSWOOD_GT2_1 24244	30.62 1.93 0.00	26.69 1.61 0.00	23.72 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.48 1.42 0.00	32.34 1.78 0.00	35.52 2.26 0.00	39.85 2.61 -0.02	38.22 2.30 -3.26	34.70 2.24 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.51 2.08 -1.62	32.57 2.30 0.00	33.64 2.26 0.00	33.46 2.05 0.00	35.83 2.21 0.00	32.43 2.10 0.00	36.34 2.02 0.00	32.86 1.88 0.00	34.65 1.82 0.00	34.30 1.84 -3.41	35.03 1.66 -8.73
RAVENSWOOD_GT2_2 24245	30.62 1.93 0.00	26.69 1.61 0.00	23.72 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.48 1.42 0.00	32.34 1.78 0.00	35.52 2.26 0.00	39.85 2.61 -0.02	38.22 2.30 -3.26	34.70 2.24 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.51 2.08 -1.62	32.57 2.30 0.00	33.64 2.26 0.00	33.46 2.05 0.00	35.83 2.21 0.00	32.43 2.10 0.00	36.34 2.02 0.00	32.86 1.88 0.00	34.65 1.82 0.00	34.30 1.84 -3.41	35.03 1.66 -8.73
RAVENSWOOD_GT2_3 24246	30.65 1.96 0.00	26.70 1.63 0.00	23.73 1.42 0.00	24.85 1.46 0.00	24.81 1.36 0.00	26.50 1.44 0.00	32.37 1.81 0.00	35.55 2.28 0.00	39.88 2.64 -0.02	38.25 2.33 -3.26	34.73 2.26 -0.18	35.63 2.33 0.00	35.60 2.44 0.00	33.54 2.11 -1.62	32.59 2.32 0.00	33.66 2.28 0.00	33.48 2.07 0.00	35.85 2.24 0.00	32.46 2.13 0.00	36.37 2.04 0.00	32.88 1.91 0.00	34.67 1.84 0.00	34.32 1.87 -3.41	35.04 1.68 -8.73
RAVENSWOOD_GT2_4 24247	30.65 1.96 0.00	26.70 1.63 0.00	23.73 1.42 0.00	24.85 1.46 0.00	24.81 1.36 0.00	26.50 1.44 0.00	32.37 1.81 0.00	35.55 2.28 0.00	39.88 2.64 -0.02	38.25 2.33 -3.26	34.73 2.26 -0.18	35.63 2.33 0.00	35.60 2.44 0.00	33.54 2.11 -1.62	32.59 2.32 0.00	33.66 2.28 0.00	33.48 2.07 0.00	35.85 2.24 0.00	32.46 2.13 0.00	36.37 2.04 0.00	32.88 1.91 0.00	34.67 1.84 0.00	34.32 1.87 -3.41	35.04 1.68 -8.73
RAVENSWOOD_GT3_1 24248	30.62 1.93 0.00	26.69 1.61 0.00	23.71 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.48 1.42 0.00	32.34 1.78 0.00	35.52 2.26 0.00	39.85 2.61 -0.02	38.22 2.30 -3.26	34.70 2.24 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.52 2.08 -1.62	32.57 2.30 0.00	33.65 2.26 0.00	33.46 2.05 0.00	35.83 2.22 0.00	32.43 2.10 0.00	36.34 2.02 0.00	32.86 1.88 0.00	34.65 1.82 0.00	34.30 1.84 -3.41	35.03 1.66 -8.73
RAVENSWOOD_GT3_2 24249	30.62 1.93 0.00	26.69 1.61 0.00	23.71 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.48 1.42 0.00	32.34 1.78 0.00	35.52 2.26 0.00	39.85 2.61 -0.02	38.22 2.30 -3.26	34.70 2.24 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.52 2.08 -1.62	32.57 2.30 0.00	33.65 2.26 0.00	33.46 2.05 0.00	35.83 2.22 0.00	32.43 2.10 0.00	36.34 2.02 0.00	32.86 1.88 0.00	34.65 1.82 0.00	34.30 1.84 -3.41	35.03 1.66 -8.73
RAVENSWOOD_GT3_3 24250	30.69 2.00 0.00	26.74 1.67 0.00	23.76 1.46 0.00	24.88 1.48 0.00	24.84 1.39 0.00	26.54 1.48 0.00	32.42 1.86 0.00	35.61 2.35 0.00	39.95 2.71 -0.02	38.31 2.39 -3.26	34.79 2.32 -0.18	35.70 2.41 0.00	35.67 2.51 0.00	33.60 2.17 -1.62	32.65 2.38 0.00	33.72 2.33 0.00	33.55 2.13 0.00	35.92 2.30 0.00	32.51 2.18 0.00	36.42 2.09 0.00	32.94 1.96 0.00	34.73 1.90 0.00	34.37 1.92 -3.41	35.08 1.71 -8.73
RAVENSWOOD_GT3_4 24251	30.69 2.00 0.00	26.75 1.67 0.00	23.77 1.46 0.00	24.88 1.49 0.00	24.84 1.39 0.00	26.54 1.48 0.00	32.42 1.85 0.00	35.61 2.35 0.00	39.95 2.71 -0.02	38.31 2.39 -3.26	34.79 2.32 -0.18	35.70 2.40 0.00	35.66 2.50 0.00	33.59 2.16 -1.62	32.65 2.38 0.00	33.73 2.34 0.00	33.54 2.12 0.00	35.92 2.30 0.00	32.51 2.18 0.00	36.43 2.10 0.00	32.94 1.96 0.00	34.73 1.90 0.00	34.37 1.92 -3.41	35.09 1.72 -8.73
RAVENSWOOD_GT_1 23729	30.71 2.02 0.00	26.77 1.69 0.00	23.78 1.47 0.00	24.89 1.49 0.00	24.84 1.39 0.00	26.53 1.48 0.00	32.43 1.86 0.00	35.65 2.38 0.00	39.99 2.76 -0.02	38.33 2.41 -3.26	34.76 2.29 -0.18	35.65 2.35 0.00	35.59 2.44 0.00	33.52 2.09 -1.62	32.56 2.29 0.00	33.62 2.24 0.00	33.43 2.02 0.00	35.78 2.16 0.00	32.40 2.07 0.00	36.30 1.97 0.00	32.84 1.86 0.00	34.67 1.84 0.00	34.38 1.92 -3.41	35.08 1.71 -8.73
RAVENSWOOD_GT_10 24258	30.62 1.93 0.00	26.69 1.61 0.00	23.71 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.26 0.00	39.84 2.61 -0.02	38.23 2.30 -3.26	34.70 2.23 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.53 2.09 -1.62	32.58 2.31 0.00	33.65 2.26 0.00	33.47 2.06 0.00	35.83 2.22 0.00	32.45 2.12 0.00	36.34 2.01 0.00	32.86 1.89 0.00	34.66 1.83 0.00	34.30 1.84 -3.41	35.03 1.65 -8.73
RAVENSWOOD_GT_11 24259	30.62 1.93 0.00	26.69 1.61 0.00	23.72 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.48 1.42 0.00	32.34 1.78 0.00	35.52 2.26 0.00	39.85 2.61 -0.02	38.22 2.30 -3.26	34.71 2.24 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.52 2.08 -1.62	32.58 2.30 0.00	33.65 2.27 0.00	33.47 2.06 0.00	35.83 2.22 0.00	32.44 2.12 0.00	36.35 2.02 0.00	32.86 1.89 0.00	34.66 1.83 0.00	34.30 1.84 -3.41	35.03 1.66 -8.73

RAVENSWOOD_GT_4 24252	30.62 1.93 0.00	26.68 1.60 0.00	23.71 1.40 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.25 0.00	39.83 2.59 -0.02	38.22 2.30 -3.26	34.71 2.24 -0.18	35.62 2.32 0.00	35.59 2.43 0.00	33.54 2.11 -1.62	32.60 2.33 0.00	33.67 2.29 0.00	33.49 2.08 0.00	35.87 2.25 0.00	32.46 2.13 0.00	36.38 2.05 0.00	32.89 1.91 0.00	34.67 1.84 0.00	34.29 1.84 -3.41	35.03 1.65 -8.73
RAVENSWOOD_GT_5 24254	30.62 1.93 0.00	26.68 1.60 0.00	23.71 1.40 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.25 0.00	39.83 2.59 -0.02	38.22 2.30 -3.26	34.71 2.24 -0.18	35.62 2.32 0.00	35.59 2.43 0.00	33.54 2.11 -1.62	32.60 2.33 0.00	33.67 2.29 0.00	33.49 2.08 0.00	35.87 2.25 0.00	32.46 2.13 0.00	36.38 2.05 0.00	32.89 1.91 0.00	34.67 1.84 0.00	34.29 1.84 -3.41	35.03 1.65 -8.73
RAVENSWOOD_GT_6 24253	30.62 1.93 0.00	26.68 1.60 0.00	23.71 1.40 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.25 0.00	39.83 2.59 -0.02	38.22 2.30 -3.26	34.71 2.24 -0.18	35.62 2.32 0.00	35.59 2.43 0.00	33.54 2.11 -1.62	32.60 2.33 0.00	33.67 2.29 0.00	33.49 2.08 0.00	35.87 2.25 0.00	32.46 2.13 0.00	36.38 2.05 0.00	32.89 1.91 0.00	34.67 1.84 0.00	34.29 1.84 -3.41	35.03 1.65 -8.73
RAVENSWOOD_GT_7 24255	30.62 1.93 0.00	26.68 1.60 0.00	23.71 1.40 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.25 0.00	39.83 2.59 -0.02	38.22 2.30 -3.26	34.71 2.24 -0.18	35.62 2.32 0.00	35.59 2.43 0.00	33.54 2.11 -1.62	32.60 2.33 0.00	33.67 2.29 0.00	33.49 2.08 0.00	35.87 2.25 0.00	32.46 2.13 0.00	36.38 2.05 0.00	32.89 1.91 0.00	34.67 1.84 0.00	34.29 1.84 -3.41	35.03 1.65 -8.73
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.62 1.93 0.00	26.69 1.61 0.00	23.71 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.26 0.00	39.84 2.61 -0.02	38.23 2.30 -3.26	34.70 2.23 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.53 2.09 -1.62	32.58 2.31 0.00	33.65 2.26 0.00	33.47 2.06 0.00	35.83 2.22 0.00	32.45 2.12 0.00	36.34 2.01 0.00	32.86 1.89 0.00	34.66 1.83 0.00	34.30 1.84 -3.41	35.03 1.65 -8.73
RAVENSWOOD_GT_9 24257	30.62 1.93 0.00	26.69 1.61 0.00	23.72 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.48 1.42 0.00	32.34 1.78 0.00	35.52 2.26 0.00	39.85 2.61 -0.02	38.22 2.30 -3.26	34.71 2.24 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.52 2.08 -1.62	32.58 2.30 0.00	33.65 2.27 0.00	33.47 2.06 0.00	35.83 2.22 0.00	32.44 2.12 0.00	36.35 2.02 0.00	32.86 1.89 0.00	34.66 1.83 0.00	34.30 1.84 -3.41	35.03 1.66 -8.73
RAVENSWOOD___1 23533	30.68 1.99 0.00	26.75 1.67 0.00	23.77 1.46 0.00	24.87 1.48 0.00	24.83 1.38 0.00	26.52 1.46 0.00	32.41 1.85 0.00	35.63 2.36 0.00	39.97 2.73 -0.02	38.31 2.39 -3.26	34.74 2.27 -0.18	35.62 2.32 0.00	35.57 2.41 0.00	33.51 2.07 -1.62	32.54 2.27 0.00	33.60 2.22 0.00	33.41 2.00 0.00	35.76 2.15 0.00	32.38 2.06 0.00	36.28 1.95 0.00	32.81 1.83 0.00	34.64 1.81 0.00	34.35 1.90 -3.41	35.06 1.69 -8.73
RAVENSWOOD___2 23534	30.62 1.93 0.00	26.69 1.62 0.00	23.72 1.41 0.00	24.82 1.42 0.00	24.77 1.33 0.00	26.46 1.41 0.00	32.33 1.77 0.00	35.56 2.29 0.00	39.86 2.62 -0.02	38.21 2.28 -3.26	34.49 2.03 -0.18	35.33 2.03 0.00	35.29 2.13 0.00	33.25 1.82 -1.62	32.29 2.01 0.00	33.33 1.95 0.00	33.14 1.72 0.00	35.46 1.85 0.00	32.14 1.81 0.00	35.97 1.65 0.00	32.55 1.57 0.00	34.41 1.58 0.00	34.26 1.81 -3.41	35.00 1.63 -8.73
RAVENSWOOD___3 23535	30.62 1.93 0.00	26.69 1.62 0.00	23.72 1.41 0.00	24.83 1.44 0.00	24.79 1.35 0.00	26.49 1.43 0.00	32.34 1.78 0.00	35.52 2.26 0.00	39.85 2.61 -0.02	38.22 2.30 -3.26	34.71 2.24 -0.18	35.61 2.31 0.00	35.58 2.42 0.00	33.52 2.08 -1.62	32.58 2.30 0.00	33.65 2.26 0.00	33.46 2.05 0.00	35.83 2.22 0.00	32.43 2.11 0.00	36.35 2.02 0.00	32.86 1.88 0.00	34.66 1.83 0.00	34.30 1.85 -3.41	35.03 1.66 -8.73
RAVENSWOOD___4 23820	30.66 1.97 0.00	26.73 1.65 0.00	23.75 1.44 0.00	24.85 1.45 0.00	24.81 1.36 0.00	26.50 1.44 0.00	32.38 1.82 0.00	35.59 2.33 0.00	39.94 2.70 -0.02	38.29 2.36 -3.26	34.71 2.24 -0.18	35.59 2.29 0.00	35.55 2.39 0.00	33.48 2.04 -1.62	32.52 2.25 0.00	33.58 2.19 0.00	33.39 1.97 0.00	35.73 2.12 0.00	32.36 2.03 0.00	36.25 1.93 0.00	32.79 1.81 0.00	34.62 1.79 0.00	34.32 1.87 -3.41	35.04 1.67 -8.73
RCPL_TRUST___DRP 24196	30.62 1.93 0.00	26.67 1.60 0.00	23.70 1.39 0.00	24.82 1.43 0.00	24.78 1.34 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.52 2.26 0.00	39.87 2.63 -0.02	38.26 2.33 -3.26	34.75 2.28 -0.18	35.64 2.34 0.00	35.59 2.43 0.00	33.56 2.12 -1.62	32.61 2.33 0.00	33.67 2.28 0.00	33.49 2.07 0.00	35.85 2.24 0.00	32.46 2.13 0.00	36.36 2.04 0.00	32.87 1.90 0.00	34.67 1.84 0.00	34.29 1.84 -3.41	35.03 1.65 -8.73
RED___ROCHESTER 323720	29.32 0.63 0.00	25.69 0.61 0.00	22.69 0.38 0.00	23.78 0.39 0.00	23.76 0.31 0.00	25.57 0.51 0.00	31.17 0.61 0.00	33.40 0.13 0.00	37.30 0.08 0.00	32.87 0.20 0.00	32.20 -0.09 0.00	32.99 -0.31 0.00	32.89 -0.27 0.00	29.58 -0.24 0.00	29.92 -0.35 0.00	31.08 -0.30 0.00	31.44 0.03 0.00	34.35 0.73 0.00	31.11 0.78 0.00	35.28 0.95 0.00	31.64 0.67 0.00	33.49 0.66 0.00	29.45 0.41 0.00	25.00 0.35 0.00
REGAN___SOLAR 323812	31.59 2.90 0.00	27.64 2.57 0.00	24.51 2.21 0.00	25.71 2.32 0.00	25.82 2.37 0.00	27.72 2.66 0.00	33.84 3.28 0.00	36.47 3.20 0.00	40.53 3.33 0.02	35.63 2.70 -0.27	34.78 2.64 0.15	36.00 2.71 0.00	35.93 2.78 0.00	33.79 3.62 -0.36	32.91 2.63 0.00	34.63 3.24 0.00	34.23 2.82 0.00	37.47 3.86 0.00	33.64 3.31 0.00	38.58 4.25 0.00	34.63 3.65 0.00	36.61 3.78 0.00	32.80 3.16 -0.61	28.86 2.67 -1.55
RENSSELAER___COGEN 23796	29.41 0.72 0.00	25.76 0.68 0.00	23.01 0.70 0.00	24.12 0.72 0.00	24.18 0.73 0.00	25.59 0.53 0.00	31.12 0.55 0.00	33.88 0.62 0.00	37.91 0.72 0.02	33.59 0.59 -0.33	32.65 0.57 0.20	33.84 0.54 0.00	33.79 0.63 0.00	30.87 0.59 -0.46	31.03 0.76 0.00	32.19 0.81 0.00	32.09 0.67 0.00	34.32 0.71 0.00	30.97 0.64 0.00	34.85 0.53 0.00	31.52 0.54 0.00	33.17 0.34 0.00	30.26 0.43 -0.78	27.19 0.54 -2.01
REPUBLIC_115KV_BARTNBRK 55605	32.21 3.52 0.00	27.96 2.88 0.00	24.93 2.62 0.00	26.03 2.63 0.00	26.13 2.68 0.00	27.91 2.85 0.00	34.03 3.47 0.00	37.18 3.91 0.00	41.52 4.32 0.03	36.47 3.53 -0.27	35.40 3.34 0.22	36.73 3.43 0.00	36.77 3.61 0.00	33.75 3.49 -0.45	34.03 3.76 0.00	35.32 3.94 0.00	35.44 4.02 0.00	38.01 4.40 0.00	33.91 3.58 0.00	38.15 3.83 0.00	34.59 3.62 0.00	36.05 3.22 0.00	32.60 2.81 -0.75	29.20 2.63 -1.93

REVERE_CPPR_DRP 24186	29.96 1.02 -0.25	25.83 0.75 0.00	22.91 0.61 0.00	24.08 0.68 0.00	24.18 0.73 0.00	25.92 0.86 0.00	32.07 1.15 -0.36	35.12 1.39 -0.46	38.89 1.67 0.00	34.20 1.45 -0.09	34.09 1.39 -0.42	35.43 1.66 -0.48	35.22 1.58 -0.48	31.58 1.35 -0.41	32.07 1.38 -0.43	33.27 1.42 -0.47	33.31 1.42 -0.47	35.95 1.80 -0.53	32.37 1.61 -0.43	36.66 1.75 -0.58	32.94 1.51 -0.45	34.86 1.51 -0.52	30.48 1.18 -0.26	25.51 0.87 0.00
REYNOLDS_115KV_TB3 80639	29.55 0.85 0.00	25.89 0.82 0.00	23.13 0.83 0.00	24.25 0.85 0.00	24.32 0.87 0.00	25.80 0.75 0.00	31.36 0.79 0.00	34.12 0.85 0.00	38.16 0.97 0.03	33.75 0.80 -0.29	32.81 0.76 0.24	34.07 0.78 0.00	34.06 0.90 0.00	31.13 0.84 -0.48	31.30 1.02 0.00	32.47 1.09 0.00	32.37 0.96 0.00	34.63 1.01 0.00	31.22 0.89 0.00	35.13 0.80 0.00	31.78 0.80 0.00	33.44 0.61 0.00	30.52 0.68 -0.80	27.44 0.74 -2.06
RIVERBAY____ 323610	30.77 2.08 0.00	26.88 1.80 0.00	23.89 1.58 0.00	24.99 1.60 0.00	24.96 1.52 0.00	26.70 1.64 0.00	32.60 2.04 0.00	35.73 2.47 0.00	40.06 2.82 -0.02	38.36 2.44 -3.26	34.76 2.29 -0.18	35.86 2.56 0.00	35.80 2.65 0.00	33.75 2.32 -1.62	32.71 2.44 0.00	33.76 2.38 0.00	33.58 2.16 0.00	35.93 2.32 0.00	32.56 2.23 0.00	36.47 2.15 0.00	33.02 2.04 0.00	34.88 2.05 0.00	34.47 2.02 -3.41	35.12 1.75 -8.73
RIVERSDE_115KV_TB3 55908	29.53 0.84 0.00	25.86 0.79 0.00	23.10 0.79 0.00	24.21 0.82 0.00	24.28 0.83 0.00	25.73 0.67 0.00	31.27 0.71 0.00	34.06 0.79 0.00	38.10 0.91 0.03	33.73 0.76 -0.31	32.80 0.73 0.22	34.04 0.74 0.00	34.03 0.86 0.00	31.09 0.81 -0.47	31.26 0.99 0.00	32.44 1.06 0.00	32.33 0.92 0.00	34.57 0.95 0.00	31.18 0.85 0.00	35.07 0.74 0.00	31.72 0.74 0.00	33.37 0.54 0.00	30.45 0.61 -0.79	27.34 0.67 -2.03
ROARING__BROOK_WT_PWR 323790	28.33 -0.36 0.00	24.71 -0.37 0.00	21.90 -0.40 0.00	23.02 -0.37 0.00	23.26 -0.19 0.00	24.86 -0.20 0.00	30.43 -0.13 0.00	33.29 0.02 0.00	37.25 0.04 0.00	32.68 0.01 0.00	32.27 -0.01 0.00	33.23 -0.06 0.00	33.08 -0.08 0.00	29.79 -0.03 0.00	30.28 0.01 0.00	31.31 -0.08 0.00	31.28 -0.14 0.00	33.57 -0.04 0.00	30.21 -0.12 0.00	34.07 -0.26 0.00	30.78 -0.19 0.00	32.63 -0.20 0.00	28.87 -0.18 0.00	24.35 -0.30 0.00
ROCHESRG_115KV_T4 355643	28.90 0.21 0.00	25.35 0.28 0.00	22.41 0.10 0.00	23.50 0.10 0.00	23.47 0.03 0.00	25.24 0.18 0.00	30.79 0.22 0.00	32.97 -0.30 0.00	36.79 -0.43 0.00	32.39 -0.27 0.00	31.71 -0.57 0.00	32.50 -0.79 0.00	32.37 -0.79 0.00	29.07 -0.75 0.00	29.44 -0.83 0.00	30.63 -0.76 0.00	30.96 -0.46 0.00	33.78 0.16 0.00	30.57 0.25 0.00	34.70 0.37 0.00	31.14 0.17 0.00	32.97 0.14 0.00	29.03 -0.02 0.00	24.67 0.03 0.00
ROCHESTER_9_IC 23652	29.13 0.44 0.00	25.54 0.46 0.00	22.56 0.26 0.00	23.66 0.27 0.00	23.63 0.18 0.00	25.42 0.36 0.00	31.00 0.44 0.00	33.21 -0.06 0.00	37.07 -0.14 0.00	32.65 -0.01 0.00	31.97 -0.31 0.00	32.76 -0.53 0.00	32.66 -0.50 0.00	29.33 -0.49 0.00	29.68 -0.59 0.00	30.87 -0.51 0.00	31.21 -0.20 0.00	34.08 0.46 0.00	30.85 0.53 0.00	35.01 0.68 0.00	31.41 0.43 0.00	33.24 0.41 0.00	29.25 0.21 0.00	24.84 0.20 0.00
ROCKVIEW_13_KV_LD 356306	30.63 1.94 0.00	26.70 1.62 0.00	23.72 1.42 0.00	24.86 1.46 0.00	24.83 1.38 0.00	26.52 1.47 0.00	32.38 1.82 0.00	35.53 2.27 0.00	39.89 2.65 -0.02	38.26 2.33 -3.26	34.75 2.29 -0.18	35.66 2.36 0.00	35.64 2.48 0.00	33.58 2.15 -1.62	32.64 2.36 0.00	33.72 2.33 0.00	33.57 2.15 0.00	35.94 2.32 0.00	32.55 2.23 0.00	36.46 2.13 0.00	33.00 2.02 0.00	34.77 1.94 0.00	34.36 1.92 -3.41	35.05 1.69 -8.72
ROME_____115KV_TB2 80656	29.96 1.02 -0.25	25.83 0.75 0.00	22.91 0.61 0.00	24.08 0.68 0.00	24.18 0.73 0.00	25.92 0.86 0.00	32.07 1.15 -0.36	35.12 1.39 -0.46	38.89 1.67 0.00	34.20 1.45 -0.09	34.09 1.39 -0.42	35.43 1.66 -0.48	35.22 1.58 -0.48	31.58 1.35 -0.41	32.07 1.38 -0.43	33.27 1.42 -0.47	33.31 1.42 -0.47	35.95 1.80 -0.53	32.37 1.61 -0.43	36.66 1.75 -0.58	32.94 1.51 -0.45	34.86 1.51 -0.52	30.48 1.18 -0.26	25.51 0.87 0.00
ROSETON____1 23587	30.04 1.35 0.00	26.21 1.13 0.00	23.35 1.04 0.00	24.46 1.06 0.00	24.46 1.01 0.00	26.09 1.03 0.00	31.81 1.24 0.00	34.84 1.57 0.00	39.06 1.83 -0.02	34.54 1.59 -0.29	34.00 1.54 -0.17	34.90 1.60 0.00	34.89 1.73 0.00	30.38 1.51 0.94	31.97 1.70 0.00	33.09 1.70 0.00	32.96 1.55 0.00	35.30 1.69 0.00	31.92 1.60 0.00	35.82 1.49 0.00	32.38 1.40 0.00	34.12 1.28 0.00	30.34 1.30 0.00	25.82 1.18 0.00
ROSETON____2 23588	30.04 1.35 0.00	26.21 1.13 0.00	23.35 1.04 0.00	24.46 1.06 0.00	24.46 1.01 0.00	26.09 1.03 0.00	31.81 1.24 0.00	34.84 1.57 0.00	39.06 1.83 -0.02	34.54 1.59 -0.29	34.00 1.54 -0.17	34.90 1.60 0.00	34.89 1.73 0.00	30.38 1.51 0.94	31.97 1.70 0.00	33.09 1.70 0.00	32.96 1.55 0.00	35.30 1.69 0.00	31.92 1.60 0.00	35.82 1.49 0.00	32.38 1.40 0.00	34.12 1.28 0.00	30.34 1.30 0.00	25.82 1.18 0.00
ROTTTRDAM_115KV_TB3 80664	29.83 1.14 0.00	26.07 1.00 0.00	23.25 0.95 0.00	24.36 0.96 0.00	24.44 0.99 0.00	26.05 0.98 0.00	31.73 1.16 0.00	34.55 1.29 0.00	38.65 1.45 0.02	34.21 1.23 -0.32	33.28 1.17 0.18	34.49 1.19 0.00	34.48 1.32 0.00	31.46 1.21 -0.43	31.66 1.38 0.00	32.86 1.47 0.00	32.76 1.35 0.00	35.10 1.49 0.00	31.69 1.36 0.00	35.70 1.37 0.00	32.27 1.29 0.00	34.01 1.18 0.00	30.86 1.09 -0.72	27.48 0.98 -1.86
RUSSELL____1 23602	29.32 0.62 0.00	25.69 0.61 0.00	22.69 0.38 0.00	23.79 0.39 0.00	23.76 0.31 0.00	25.56 0.50 0.00	31.17 0.61 0.00	33.39 0.13 0.00	37.30 0.08 0.00	32.85 0.19 0.00	32.19 -0.10 0.00	32.98 -0.31 0.00	32.89 -0.27 0.00	29.54 -0.27 0.00	29.90 -0.37 0.00	31.09 -0.29 0.00	31.43 0.02 0.00	34.34 0.72 0.00	31.11 0.78 0.00	35.28 0.95 0.00	31.64 0.66 0.00	33.48 0.65 0.00	29.44 0.40 0.00	25.00 0.35 0.00
RUSSELL____2 23532	29.32 0.62 0.00	25.69 0.61 0.00	22.69 0.38 0.00	23.79 0.39 0.00	23.76 0.31 0.00	25.56 0.50 0.00	31.17 0.61 0.00	33.39 0.13 0.00	37.30 0.08 0.00	32.85 0.19 0.00	32.19 -0.10 0.00	32.98 -0.31 0.00	32.89 -0.27 0.00	29.54 -0.27 0.00	29.90 -0.37 0.00	31.09 -0.29 0.00	31.43 0.02 0.00	34.34 0.72 0.00	31.11 0.78 0.00	35.28 0.95 0.00	31.64 0.66 0.00	33.48 0.65 0.00	29.44 0.40 0.00	25.00 0.35 0.00
RUSSELL____3 23549	29.32 0.62 0.00	25.69 0.61 0.00	22.69 0.38 0.00	23.79 0.39 0.00	23.76 0.31 0.00	25.56 0.50 0.00	31.17 0.61 0.00	33.39 0.13 0.00	37.30 0.08 0.00	32.85 0.19 0.00	32.19 -0.10 0.00	32.98 -0.31 0.00	32.89 -0.27 0.00	29.54 -0.27 0.00	29.90 -0.37 0.00	31.09 -0.29 0.00	31.43 0.02 0.00	34.34 0.72 0.00	31.11 0.78 0.00	35.28 0.95 0.00	31.64 0.66 0.00	33.48 0.65 0.00	29.44 0.40 0.00	25.00 0.35 0.00

RUSSELL___4 23556	29.32 0.62 0.00	25.69 0.61 0.00	22.69 0.38 0.00	23.79 0.39 0.00	23.76 0.31 0.00	25.56 0.50 0.00	31.17 0.61 0.00	33.39 0.13 0.00	37.30 0.08 0.00	32.85 0.19 0.00	32.19 -0.10 0.00	32.98 -0.31 0.00	32.89 -0.27 0.00	29.54 -0.27 0.00	29.90 -0.37 0.00	31.09 -0.29 0.00	31.43 0.02 0.00	34.34 0.72 0.00	31.11 0.78 0.00	35.28 0.95 0.00	31.64 0.66 0.00	33.48 0.65 0.00	29.44 0.40 0.00	25.00 0.35 0.00
RUSSELL___STATION 23914	29.32 0.62 0.00	25.69 0.61 0.00	22.69 0.38 0.00	23.79 0.39 0.00	23.76 0.31 0.00	25.56 0.50 0.00	31.17 0.61 0.00	33.39 0.13 0.00	37.30 0.08 0.00	32.85 0.19 0.00	32.19 -0.10 0.00	32.98 -0.31 0.00	32.89 -0.27 0.00	29.54 -0.27 0.00	29.90 -0.37 0.00	31.09 -0.29 0.00	31.43 0.02 0.00	34.34 0.72 0.00	31.11 0.78 0.00	35.28 0.95 0.00	31.64 0.66 0.00	33.48 0.65 0.00	29.44 0.40 0.00	25.00 0.35 0.00
S SALMON___HYD 24043	29.75 -0.20 -1.26	24.76 -0.33 -0.02	21.97 -0.34 0.00	23.09 -0.31 0.00	23.21 -0.24 0.00	24.91 -0.15 0.00	32.18 -0.19 -1.81	35.58 -0.01 -2.32	37.19 -0.03 0.00	33.13 -0.01 -0.48	34.49 -0.09 -2.31	35.78 -0.12 -2.60	35.63 -0.14 -2.61	31.97 -0.09 -2.25	32.40 -0.20 -2.33	33.56 -0.39 -2.57	33.68 -0.31 -2.57	36.41 -0.11 -2.91	32.51 -0.14 -2.33	37.37 -0.14 -3.18	33.37 -0.05 -2.45	35.69 0.03 -2.83	30.39 -0.07 -1.43	24.49 -0.15 0.00
S.PERRY___115KV_TB1 80734	30.03 1.34 0.00	26.23 1.15 0.00	23.18 0.88 0.00	24.40 1.00 0.00	24.35 0.90 0.00	26.25 1.19 0.00	32.09 1.53 0.00	34.37 1.11 0.00	37.84 0.62 0.00	32.96 0.30 0.00	32.24 -0.04 0.00	32.34 -0.96 0.00	31.71 -1.45 0.00	28.28 -1.54 0.00	28.57 -1.70 0.00	29.80 -1.59 0.00	30.19 -1.23 0.00	32.77 -0.85 0.00	29.68 -0.64 0.00	34.06 -0.27 0.00	30.98 0.00 0.00	33.76 0.93 0.00	30.29 1.24 0.00	25.76 1.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.86 0.16 0.00	25.39 0.32 0.00	22.40 0.10 0.00	23.50 0.11 0.00	23.43 -0.02 0.00	25.29 0.23 0.00	30.81 0.25 0.00	32.58 -0.69 0.00	36.23 -0.99 0.00	31.92 -0.74 0.00	31.08 -1.20 0.00	31.79 -1.50 0.00	31.58 -1.58 0.00	28.31 -1.51 0.00	28.65 -1.62 0.00	29.91 -1.47 0.00	30.41 -1.01 0.00	33.45 -0.17 0.00	30.29 -0.04 0.00	34.48 0.15 0.00	30.89 -0.09 0.00	32.76 -0.07 0.00	28.84 -0.20 0.00	24.60 -0.04 0.00
SAWYER___23_KV_LOAD 55526	28.86 0.16 0.00	25.39 0.32 0.00	22.40 0.10 0.00	23.50 0.11 0.00	23.43 -0.02 0.00	25.29 0.23 0.00	30.81 0.25 0.00	32.58 -0.69 0.00	36.23 -0.99 0.00	31.92 -0.74 0.00	31.08 -1.20 0.00	31.79 -1.50 0.00	31.58 -1.58 0.00	28.31 -1.51 0.00	28.65 -1.62 0.00	29.91 -1.47 0.00	30.41 -1.01 0.00	33.45 -0.17 0.00	30.29 -0.04 0.00	34.48 0.15 0.00	30.89 -0.09 0.00	32.76 -0.07 0.00	28.84 -0.20 0.00	24.60 -0.04 0.00
SELKIRK___I 23801	29.62 0.93 0.00	25.95 0.88 0.00	23.18 0.87 0.00	24.30 0.90 0.00	24.37 0.92 0.00	25.86 0.80 0.00	31.45 0.89 0.00	34.22 0.95 0.00	38.26 1.06 0.02	33.95 0.90 -0.39	32.99 0.84 0.13	34.06 0.76 0.00	33.98 0.82 0.00	30.99 0.76 -0.41	31.21 0.94 0.00	32.38 1.00 0.00	32.30 0.88 0.00	34.55 0.94 0.00	31.19 0.86 0.00	35.14 0.81 0.00	31.78 0.81 0.00	33.44 0.61 0.00	30.42 0.66 -0.72	27.24 0.75 -1.85
SELKIRK___II 23799	29.44 0.75 0.00	25.79 0.72 0.00	23.03 0.73 0.00	24.15 0.75 0.00	24.21 0.76 0.00	25.68 0.62 0.00	31.24 0.68 0.00	34.03 0.76 0.00	38.07 0.87 0.02	33.79 0.73 -0.39	32.81 0.68 0.15	33.81 0.52 0.00	33.70 0.54 0.00	30.74 0.49 -0.44	30.95 0.68 0.00	32.07 0.69 0.00	31.96 0.55 0.00	34.19 0.58 0.00	30.87 0.54 0.00	34.77 0.44 0.00	31.46 0.49 0.00	33.12 0.29 0.00	30.24 0.43 -0.76	27.20 0.61 -1.95
SENECA OSWGO___HYD 24041	30.02 -0.41 -1.74	24.72 -0.38 -0.02	21.94 -0.37 0.00	23.03 -0.37 0.00	23.05 -0.40 0.00	24.68 -0.38 0.00	32.60 -0.47 -2.51	35.94 -0.54 -3.22	36.61 -0.61 0.00	32.83 -0.50 -0.67	35.05 -0.46 -3.23	36.42 -0.51 -3.64	36.33 -0.47 -3.64	32.54 -0.42 -3.15	33.05 -0.48 -3.25	34.53 -0.44 -3.59	34.63 -0.38 -3.59	37.44 -0.24 -4.06	33.35 -0.23 -3.26	38.51 -0.27 -4.45	34.13 -0.27 -3.42	36.44 -0.34 -3.96	30.67 -0.36 -2.00	24.31 -0.34 0.00
SENECA___115KV_TB3 355854	29.19 0.50 0.00	25.63 0.56 0.00	22.62 0.31 0.00	23.74 0.34 0.00	23.65 0.20 0.00	25.53 0.47 0.00	31.14 0.58 0.00	33.06 -0.21 0.00	36.83 -0.39 0.00	32.43 -0.24 0.00	31.61 -0.67 0.00	32.37 -0.93 0.00	32.16 -1.00 0.00	28.83 -0.98 0.00	29.18 -1.10 0.00	30.44 -0.94 0.00	30.92 -0.49 0.00	33.96 0.35 0.00	30.74 0.41 0.00	35.00 0.67 0.00	31.35 0.38 0.00	33.26 0.43 0.00	29.27 0.23 0.00	24.91 0.27 0.00
SENECA___ENERGY 23797	29.62 0.20 -0.72	25.24 0.15 -0.01	22.36 0.05 0.00	23.50 0.11 0.00	23.48 0.03 0.00	25.21 0.16 0.00	31.88 0.27 -1.04	34.69 0.09 -1.34	37.36 0.15 0.00	33.13 0.20 -0.27	33.61 0.04 -1.29	34.79 0.05 -1.45	34.53 -0.08 -1.45	30.98 -0.09 -1.25	31.47 -0.10 -1.29	32.77 -0.04 -1.43	32.83 -0.01 -1.42	35.53 0.31 -1.61	31.99 0.38 -1.29	36.55 0.46 -1.77	32.65 0.32 -1.36	34.67 0.27 -1.57	29.98 0.14 -0.79	24.76 0.11 0.00
SHOEMAKER___GT 23640	29.89 1.20 0.00	26.08 1.01 0.00	23.23 0.93 0.00	24.34 0.95 0.00	24.33 0.89 0.00	25.98 0.92 0.00	31.71 1.15 0.00	34.70 1.44 0.00	38.89 1.66 -0.02	32.05 1.44 2.05	33.83 1.40 -0.14	34.77 1.47 0.00	34.73 1.58 0.00	29.96 1.38 1.24	31.85 1.58 0.00	32.98 1.60 0.00	32.91 1.49 0.00	35.29 1.68 0.00	31.91 1.58 0.00	35.86 1.53 0.00	32.40 1.42 0.00	34.16 1.33 0.00	27.66 1.28 2.66	18.94 1.11 6.81
SHOEMAKR_138KV_BK 111 55601	29.87 1.18 0.00	26.06 0.98 0.00	23.21 0.91 0.00	24.33 0.93 0.00	24.32 0.87 0.00	25.97 0.91 0.00	31.68 1.12 0.00	34.67 1.41 0.00	38.87 1.63 -0.02	32.16 1.42 1.93	33.82 1.40 -0.14	34.77 1.47 0.00	34.74 1.58 0.00	30.01 1.39 1.20	31.85 1.58 0.00	32.98 1.59 0.00	32.90 1.49 0.00	35.28 1.67 0.00	31.90 1.57 0.00	35.82 1.49 0.00	32.37 1.40 0.00	34.12 1.30 0.00	27.78 1.26 2.52	19.28 1.09 6.46
SHOREHAM_IC_1 23715	30.84 2.15 0.00	26.92 1.84 0.00	23.92 1.61 0.00	25.16 1.76 0.00	25.11 1.66 0.00	26.79 1.73 0.00	32.79 2.23 0.00	36.84 3.56 -0.02	75.93 4.09 -34.61	51.77 3.52 -15.59	48.82 3.10 -13.43	121.54 3.25 -84.99	138.92 3.14 -102.63	59.77 3.07 -26.88	150.63 3.19 -117.17	234.28 2.79 -200.11	91.81 2.72 -57.68	151.26 2.64 -115.00	120.51 2.85 -87.33	211.46 2.47 -174.67	114.86 2.80 -81.08	152.41 2.51 -117.07	43.67 2.87 -11.76	37.56 2.72 -10.20
SHOREHAM_IC_2 23716	30.84 2.15 0.00	26.92 1.84 0.00	23.92 1.61 0.00	25.16 1.76 0.00	25.11 1.66 0.00	26.79 1.73 0.00	32.79 2.23 0.00	36.84 3.56 -0.02	75.93 4.09 -34.61	51.77 3.52 -15.59	48.82 3.10 -13.43	121.54 3.25 -84.99	138.92 3.14 -102.63	59.77 3.07 -26.88	150.63 3.19 -117.17	234.28 2.79 -200.11	91.81 2.72 -57.68	151.26 2.64 -115.00	120.51 2.85 -87.33	211.46 2.47 -174.67	114.86 2.80 -81.08	152.41 2.51 -117.07	43.67 2.87 -11.76	37.56 2.72 -10.20

SISSONVILLE____ 23735	28.11 -0.77 -0.18	24.37 -0.70 0.00	21.57 -0.74 0.00	22.61 -0.78 0.00	22.77 -0.67 0.00	24.46 -0.60 0.00	30.14 -0.69 -0.26	32.98 -0.64 -0.35	36.52 -0.69 0.00	32.10 -0.64 -0.07	32.03 -0.59 -0.34	33.18 -0.49 -0.38	32.95 -0.59 -0.38	29.63 -0.52 -0.33	29.91 -0.70 -0.34	30.90 -0.86 -0.38	31.06 -0.73 -0.38	33.13 -0.91 -0.43	29.76 -0.90 -0.34	33.95 -0.85 -0.47	30.62 -0.72 -0.36	32.74 -0.51 -0.41	28.67 -0.58 -0.21	24.01 -0.63 0.00
SITHE_IND_GS1 24169	22.87 -0.81 5.02	24.30 -0.71 0.07	21.66 -0.65 0.00	22.74 -0.66 0.00	22.75 -0.69 0.00	24.36 -0.71 0.00	22.47 -0.87 7.22	22.98 -1.01 9.27	36.03 -1.19 0.00	29.48 -1.01 2.18	20.84 -0.97 10.47	20.48 -1.02 11.80	20.32 -1.01 11.82	18.70 -0.91 10.21	18.78 -0.94 10.56	18.78 -0.94 11.66	18.86 -0.90 11.66	19.60 -0.83 13.19	19.03 -0.73 10.57	19.03 -0.85 14.44	19.06 -0.80 11.11	19.10 -0.89 12.84	21.73 -0.84 6.48	23.89 -0.75 0.00
SITHE_IND_GS2 24170	22.87 -0.81 5.02	24.30 -0.71 0.07	21.66 -0.65 0.00	22.74 -0.66 0.00	22.75 -0.69 0.00	24.36 -0.71 0.00	22.47 -0.87 7.22	22.98 -1.01 9.27	36.03 -1.19 0.00	29.48 -1.01 2.18	20.84 -0.97 10.47	20.48 -1.02 11.80	20.32 -1.01 11.82	18.70 -0.91 10.21	18.78 -0.94 10.56	18.78 -0.94 11.66	18.86 -0.90 11.66	19.60 -0.83 13.19	19.03 -0.73 10.57	19.03 -0.85 14.44	19.06 -0.80 11.11	19.10 -0.89 12.84	21.73 -0.84 6.48	23.89 -0.75 0.00
SITHE_IND_GS3 24171	22.87 -0.81 5.02	24.30 -0.71 0.07	21.66 -0.65 0.00	22.74 -0.66 0.00	22.75 -0.69 0.00	24.36 -0.71 0.00	22.47 -0.87 7.22	22.98 -1.01 9.27	36.03 -1.19 0.00	29.48 -1.01 2.18	20.84 -0.97 10.47	20.48 -1.02 11.80	20.32 -1.01 11.82	18.70 -0.91 10.21	18.78 -0.94 10.56	18.78 -0.94 11.66	18.86 -0.90 11.66	19.60 -0.83 13.19	19.03 -0.73 10.57	19.03 -0.85 14.44	19.06 -0.80 11.11	19.10 -0.89 12.84	21.73 -0.84 6.48	23.89 -0.75 0.00
SITHE_IND_GS4 24172	22.87 -0.81 5.02	24.30 -0.71 0.07	21.66 -0.65 0.00	22.74 -0.66 0.00	22.75 -0.69 0.00	24.36 -0.71 0.00	22.47 -0.87 7.22	22.98 -1.01 9.27	36.03 -1.19 0.00	29.48 -1.01 2.18	20.84 -0.97 10.47	20.48 -1.02 11.80	20.32 -1.01 11.82	18.70 -0.91 10.21	18.78 -0.94 10.56	18.78 -0.94 11.66	18.86 -0.90 11.66	19.60 -0.83 13.19	19.03 -0.73 10.57	19.03 -0.85 14.44	19.06 -0.80 11.11	19.10 -0.89 12.84	21.73 -0.84 6.48	23.89 -0.75 0.00
SITHE____BATAVIA 24024	29.69 1.00 0.00	26.04 0.96 0.00	22.97 0.67 0.00	24.08 0.68 0.00	24.02 0.57 0.00	25.94 0.88 0.00	31.61 1.04 0.00	33.55 0.28 0.00	37.49 0.28 0.00	32.99 0.33 0.00	32.15 -0.13 0.00	32.91 -0.38 0.00	32.74 -0.42 0.00	29.40 -0.42 0.00	29.69 -0.58 0.00	30.87 -0.52 0.00	31.32 -0.09 0.00	34.46 0.84 0.00	31.29 0.96 0.00	35.61 1.28 0.00	31.97 0.99 0.00	33.86 1.03 0.00	29.72 0.68 0.00	25.24 0.60 0.00
SITHE____INDEPEND 23800	22.87 -0.81 5.02	24.30 -0.71 0.07	21.66 -0.65 0.00	22.73 -0.66 0.00	22.75 -0.69 0.00	24.35 -0.71 0.00	22.46 -0.87 7.22	22.98 -1.01 9.27	36.03 -1.19 0.00	29.47 -1.01 2.18	20.84 -0.98 10.47	20.48 -1.02 11.80	20.32 -1.01 11.82	18.70 -0.91 10.21	18.78 -0.94 10.56	18.78 -0.94 11.66	18.86 -0.90 11.66	19.60 -0.83 13.19	19.03 -0.73 10.57	19.03 -0.85 14.44	19.06 -0.80 11.11	19.10 -0.89 12.84	21.73 -0.84 6.48	23.89 -0.75 0.00
SITHE____MASSENA 23902	28.47 -0.22 0.00	24.93 -0.14 0.00	22.12 -0.19 0.00	23.18 -0.22 0.00	23.26 -0.19 0.00	24.93 -0.13 0.00	30.44 -0.12 0.00	33.13 -0.14 0.00	37.08 -0.14 0.00	32.52 -0.14 0.00	32.18 -0.10 0.00	33.29 -0.01 0.00	33.06 -0.10 0.00	29.74 -0.07 0.00	30.01 -0.26 0.00	31.06 -0.32 0.00	31.20 -0.22 0.00	33.21 -0.40 0.00	29.90 -0.43 0.00	34.02 -0.30 0.00	30.71 -0.27 0.00	32.77 -0.06 0.00	28.92 -0.12 0.00	24.49 -0.15 0.00
SITHE____OGDNSBRG 24021	28.65 -0.04 0.00	25.05 -0.03 0.00	22.20 -0.10 0.00	23.27 -0.13 0.00	23.39 -0.06 0.00	25.12 0.06 0.00	30.72 0.14 -0.02	33.73 0.20 -0.27	37.45 0.23 0.00	32.74 0.08 0.00	32.39 0.10 0.00	33.57 0.28 0.00	33.35 0.19 0.00	30.04 0.22 0.00	30.25 -0.02 0.00	31.26 -0.13 0.00	31.45 0.03 0.00	33.50 -0.11 0.00	30.15 -0.18 0.00	34.35 0.02 0.00	31.05 0.07 0.00	33.17 0.34 0.00	29.21 0.16 0.00	24.66 0.02 0.00
SITHE____STERLING 23777	29.75 0.78 -0.28	25.67 0.59 0.00	22.79 0.48 0.00	23.95 0.55 0.00	24.01 0.56 0.00	25.73 0.67 0.00	31.86 0.89 -0.40	34.83 1.05 -0.51	38.48 1.26 0.00	33.85 1.09 -0.10	33.79 1.04 -0.47	35.07 1.25 -0.53	34.88 1.19 -0.53	31.29 1.02 -0.46	31.82 1.07 -0.47	33.00 1.09 -0.52	33.03 1.10 -0.52	35.64 1.43 -0.59	32.06 1.25 -0.47	36.34 1.36 -0.65	32.65 1.18 -0.50	34.57 1.16 -0.58	30.24 0.90 -0.29	25.32 0.68 0.00
SLEIGHT__34_KV_TB1 80719	30.12 0.85 -0.58	25.74 0.66 -0.01	22.81 0.51 0.00	23.97 0.58 0.00	23.95 0.50 0.00	25.70 0.64 0.00	32.31 0.90 -0.84	35.10 0.75 -1.08	38.21 0.99 0.00	33.85 0.98 -0.21	34.09 0.79 -1.02	35.38 0.94 -1.15	35.11 0.80 -1.15	31.60 0.80 -0.99	31.93 0.64 -1.02	33.24 0.73 -1.13	33.43 0.88 -1.13	36.11 1.22 -1.28	32.57 1.22 -1.03	37.06 1.33 -1.40	33.14 1.09 -1.08	35.09 1.02 -1.24	30.40 0.73 -0.63	25.23 0.59 0.00
SOUTH CAIRO____GT 23612	30.65 1.96 0.00	26.85 1.78 0.00	23.97 1.66 0.00	25.13 1.73 0.00	25.20 1.75 0.00	26.72 1.66 0.00	32.56 2.00 0.00	35.37 2.10 0.00	39.53 2.33 0.01	34.94 1.93 -0.34	34.03 1.84 0.10	34.95 1.66 0.00	34.75 1.59 0.00	31.68 1.55 -0.32	32.08 1.81 0.00	33.46 2.07 0.00	33.54 2.12 0.00	35.83 2.22 0.00	32.56 2.23 0.00	36.73 2.40 0.00	33.21 2.23 0.00	34.87 2.04 0.00	31.41 1.78 -0.59	27.80 1.64 -1.51
SOUTH HAMPTN____IC 23720	31.54 2.84 0.00	27.50 2.42 0.00	24.43 2.12 0.00	25.68 2.28 0.00	25.61 2.16 0.00	27.34 2.28 0.00	33.50 2.94 0.00	37.55 4.27 -0.03	78.04 4.95 -35.88	52.96 4.33 -15.97	49.70 3.92 -13.49	121.97 4.08 -84.59	140.05 4.14 -102.75	60.32 3.80 -26.69	151.65 4.16 -117.22	238.45 3.97 -203.09	130.94 3.75 -95.78	154.91 3.81 -117.50	133.73 3.88 -99.52	234.07 3.63 -196.11	142.65 3.85 -107.83	160.80 3.55 -124.42	44.48 3.58 -11.86	38.11 3.27 -10.20
SOUTHDOW_115KV_TB1 355954	29.96 1.27 0.00	26.13 1.06 0.00	22.96 0.66 0.00	24.19 0.79 0.00	24.11 0.66 0.00	26.14 1.08 0.00	32.09 1.52 0.00	34.59 1.32 0.00	38.74 1.52 0.00	34.02 1.36 0.00	33.19 0.91 0.00	33.86 0.56 0.00	33.57 0.41 0.00	30.15 0.34 0.00	30.19 -0.08 0.00	31.42 0.04 0.00	32.16 0.74 0.00	35.22 1.60 0.00	31.80 1.48 0.00	36.26 1.93 0.00	32.45 1.48 0.00	34.53 1.70 0.00	30.37 1.33 0.00	25.70 1.06 0.00
SOUTHOLD_69_KV_BK 2 55809	32.33 3.64 0.00	28.17 3.10 0.00	25.00 2.69 0.00	26.28 2.88 0.00	26.19 2.75 0.00	28.00 2.93 0.00	34.33 3.77 0.00	38.48 5.20 -0.03	79.12 6.07 -35.83	53.99 5.37 -15.95	50.73 4.96 -13.48	122.79 4.93 -84.56	140.37 4.52 -102.70	60.70 4.20 -26.68	151.98 4.55 -117.16	238.82 4.33 -203.11	133.45 4.20 -97.84	155.42 4.23 -117.57	134.71 4.25 -100.14	235.82 4.31 -197.19	145.06 4.84 -109.24	162.16 4.57 -124.76	45.38 4.48 -11.86	38.83 3.99 -10.20

SOUTHOLD___IC 23719	32.33 3.64 0.00	28.17 3.09 0.00	25.00 2.69 0.00	26.28 2.88 0.00	26.19 2.75 0.00	27.98 2.92 0.00	34.33 3.76 0.00	38.48 5.19 -0.03	79.11 6.06 -35.83	53.98 5.36 -15.95	50.72 4.95 -13.48	122.78 4.93 -84.56	140.38 4.52 -102.70	60.67 4.16 -26.69	151.97 4.53 -117.16	238.82 4.32 -203.11	133.42 4.17 -97.84	155.40 4.22 -117.57	134.71 4.24 -100.14	235.83 4.32 -197.19	145.06 4.84 -109.24	162.15 4.56 -124.76	45.38 4.48 -11.85	38.83 3.99 -10.20
SPIERFLS_115KV_TB 1 80737	30.28 1.59 0.00	26.43 1.35 0.00	23.54 1.24 0.00	24.64 1.24 0.00	24.74 1.29 0.00	26.38 1.32 0.00	32.15 1.59 0.00	35.09 1.82 0.00	39.31 2.12 0.02	34.64 1.70 -0.28	33.63 1.56 0.22	34.60 1.30 0.00	34.67 1.51 0.00	31.70 1.44 -0.44	32.02 1.75 0.00	33.27 1.88 0.00	33.39 1.98 0.00	35.84 2.22 0.00	32.24 1.91 0.00	36.37 2.04 0.00	32.92 1.94 0.00	34.50 1.67 0.00	31.25 1.46 -0.75	27.88 1.31 -1.92
ST LAWRENCE___ 23600	28.25 -0.45 0.00	24.74 -0.34 0.00	21.96 -0.35 0.00	23.00 -0.40 0.00	23.08 -0.37 0.00	24.72 -0.34 0.00	30.17 -0.39 0.00	32.83 -0.43 0.00	36.75 -0.47 0.00	32.24 -0.42 0.00	31.91 -0.37 0.00	32.98 -0.32 0.00	32.75 -0.41 0.00	29.45 -0.37 0.00	29.76 -0.52 0.00	30.81 -0.57 0.00	30.94 -0.48 0.00	32.91 -0.70 0.00	29.64 -0.69 0.00	33.72 -0.61 0.00	30.43 -0.54 0.00	32.47 -0.36 0.00	28.67 -0.37 0.00	24.29 -0.35 0.00
STATE_CA_115KV_115_LB 55624	29.54 0.85 0.00	25.86 0.79 0.00	23.10 0.79 0.00	24.21 0.81 0.00	24.28 0.83 0.00	25.68 0.62 0.00	31.24 0.67 0.00	34.10 0.83 0.00	38.19 1.00 0.02	33.83 0.85 -0.32	32.92 0.84 0.21	34.16 0.87 0.00	34.15 0.99 0.00	31.20 0.93 -0.46	31.36 1.08 0.00	32.54 1.15 0.00	32.43 1.01 0.00	34.67 1.05 0.00	31.27 0.94 0.00	35.16 0.84 0.00	31.79 0.82 0.00	33.45 0.62 0.00	30.47 0.65 -0.78	27.33 0.70 -1.99
STATE_ST_34_KV_LOAD 55959	30.25 0.69 -0.87	25.64 0.55 -0.01	22.72 0.42 0.00	23.94 0.54 0.00	23.91 0.47 0.00	25.66 0.60 0.00	32.57 0.76 -1.25	35.51 0.64 -1.60	38.11 0.89 0.00	33.84 0.85 -0.32	34.49 0.65 -1.56	35.66 0.61 -1.76	35.43 0.50 -1.76	31.84 0.50 -1.52	32.38 0.54 -1.57	33.81 0.70 -1.73	33.99 0.85 -1.73	36.61 1.04 -1.96	32.91 1.01 -1.57	37.51 1.03 -2.15	33.47 0.84 -1.65	35.53 0.79 -1.91	30.59 0.59 -0.96	25.17 0.53 0.00
STATION 5_MISC_HYD 23604	29.13 0.44 0.00	25.53 0.46 0.00	22.56 0.26 0.00	23.66 0.26 0.00	23.63 0.18 0.00	25.43 0.37 0.00	31.00 0.44 0.00	33.21 -0.06 0.00	37.07 -0.14 0.00	32.66 0.00 0.00	31.98 -0.30 0.00	32.78 -0.52 0.00	32.66 -0.50 0.00	29.35 -0.47 0.00	29.70 -0.57 0.00	30.88 -0.51 0.00	31.22 -0.20 0.00	34.08 0.46 0.00	30.86 0.54 0.00	35.00 0.67 0.00	31.42 0.44 0.00	33.26 0.43 0.00	29.26 0.22 0.00	24.84 0.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.33 0.46 -0.18	25.49 0.42 0.00	22.55 0.25 0.00	23.68 0.28 0.00	23.65 0.21 0.00	25.43 0.37 0.00	31.32 0.50 -0.26	33.81 0.21 -0.34	37.48 0.26 0.00	32.97 0.31 0.00	32.39 0.11 0.00	33.36 0.07 0.00	33.16 0.00 0.00	29.79 -0.03 0.00	30.20 -0.07 0.00	31.35 -0.03 0.00	31.58 0.17 0.00	34.30 0.69 0.00	31.05 0.72 0.00	35.20 0.87 0.00	31.60 0.63 0.00	33.41 0.58 0.00	29.41 0.36 0.00	24.93 0.29 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.94 0.24 0.00	25.36 0.28 0.00	22.41 0.11 0.00	23.50 0.10 0.00	23.48 0.03 0.00	25.24 0.18 0.00	30.80 0.23 0.00	33.04 -0.23 0.00	36.91 -0.31 0.00	32.50 -0.17 0.00	31.85 -0.43 0.00	32.69 -0.61 0.00	32.57 -0.59 0.00	29.25 -0.57 0.00	29.62 -0.65 0.00	30.79 -0.59 0.00	31.10 -0.32 0.00	33.92 0.31 0.00	30.71 0.39 0.00	34.82 0.50 0.00	31.24 0.26 0.00	33.06 0.22 0.00	29.08 0.03 0.00	24.69 0.05 0.00
STA_56___34_KV_BUS2 355983	28.94 0.24 0.00	25.36 0.28 0.00	22.41 0.11 0.00	23.50 0.10 0.00	23.48 0.03 0.00	25.24 0.18 0.00	30.80 0.23 0.00	33.04 -0.23 0.00	36.91 -0.31 0.00	32.50 -0.17 0.00	31.85 -0.43 0.00	32.69 -0.61 0.00	32.57 -0.59 0.00	29.25 -0.57 0.00	29.62 -0.65 0.00	30.79 -0.59 0.00	31.10 -0.32 0.00	33.92 0.31 0.00	30.71 0.39 0.00	34.82 0.50 0.00	31.24 0.26 0.00	33.06 0.22 0.00	29.08 0.03 0.00	24.69 0.05 0.00
STA_67___115KV_BK2 355882	29.04 0.35 0.00	25.47 0.39 0.00	22.51 0.20 0.00	23.59 0.20 0.00	23.57 0.13 0.00	25.35 0.29 0.00	30.92 0.36 0.00	33.12 -0.15 0.00	36.97 -0.25 0.00	32.56 -0.11 0.00	31.88 -0.40 0.00	32.66 -0.63 0.00	32.54 -0.62 0.00	29.23 -0.59 0.00	29.59 -0.68 0.00	30.78 -0.60 0.00	31.11 -0.30 0.00	33.96 0.34 0.00	30.75 0.42 0.00	34.89 0.57 0.00	31.31 0.33 0.00	33.14 0.31 0.00	29.17 0.13 0.00	24.78 0.14 0.00
STA_7___115KV_9TRANS 80674	29.32 0.62 0.00	25.69 0.61 0.00	22.69 0.38 0.00	23.79 0.39 0.00	23.76 0.31 0.00	25.56 0.50 0.00	31.17 0.61 0.00	33.39 0.13 0.00	37.30 0.08 0.00	32.85 0.19 0.00	32.19 -0.10 0.00	32.98 -0.31 0.00	32.89 -0.27 0.00	29.54 -0.27 0.00	29.90 -0.37 0.00	31.09 -0.29 0.00	31.43 0.02 0.00	34.34 0.72 0.00	31.11 0.78 0.00	35.28 0.95 0.00	31.64 0.66 0.00	33.48 0.65 0.00	29.44 0.40 0.00	25.00 0.35 0.00
STA_82___115KV_TB1 80780	29.07 0.37 0.00	25.49 0.41 0.00	22.52 0.22 0.00	23.62 0.22 0.00	23.59 0.15 0.00	25.38 0.31 0.00	30.94 0.38 0.00	33.15 -0.12 0.00	37.00 -0.22 0.00	32.57 -0.09 0.00	31.90 -0.38 0.00	32.69 -0.61 0.00	32.56 -0.60 0.00	29.23 -0.58 0.00	29.61 -0.67 0.00	30.80 -0.59 0.00	31.12 -0.29 0.00	33.98 0.37 0.00	30.77 0.44 0.00	34.91 0.58 0.00	31.33 0.35 0.00	33.16 0.33 0.00	29.19 0.15 0.00	24.80 0.15 0.00
STEEL___WIND 323596	29.17 0.48 0.00	25.62 0.54 0.00	22.59 0.29 0.00	23.72 0.32 0.00	23.63 0.18 0.00	25.54 0.48 0.00	31.13 0.57 0.00	33.04 -0.23 0.00	36.79 -0.42 0.00	32.40 -0.26 0.00	31.59 -0.69 0.00	32.33 -0.96 0.00	32.09 -1.07 0.00	28.81 -1.00 0.00	29.12 -1.15 0.00	30.36 -1.02 0.00	30.86 -0.55 0.00	33.89 0.28 0.00	30.68 0.35 0.00	34.93 0.60 0.00	31.32 0.34 0.00	33.24 0.41 0.00	29.26 0.22 0.00	24.89 0.25 0.00
STEPHTWN_115KV_BK_2 55603	29.75 1.06 0.00	25.97 0.90 0.00	23.19 0.88 0.00	24.29 0.89 0.00	24.39 0.94 0.00	25.90 0.84 0.00	31.51 0.95 0.00	34.37 1.11 0.00	38.44 1.24 0.02	34.00 1.01 -0.33	33.15 1.07 0.20	34.38 1.09 0.00	34.20 1.05 0.00	31.29 1.01 -0.46	31.39 1.11 0.00	32.62 1.24 0.00	32.57 1.16 0.00	34.89 1.27 0.00	31.43 1.10 0.00	35.43 1.11 0.00	32.00 1.02 0.00	33.66 0.84 0.00	30.60 0.78 -0.78	27.47 0.82 -2.01
STEUBEN_REC_LFGE 323667	29.58 0.63 -0.26	25.53 0.45 0.00	22.61 0.30 0.00	23.96 0.56 0.00	23.88 0.43 0.00	25.78 0.72 0.00	31.88 0.95 -0.37	34.59 0.85 -0.47	38.15 0.93 0.00	33.56 0.81 -0.08	33.25 0.57 -0.40	34.11 0.36 -0.45	33.80 0.19 -0.45	30.16 -0.05 -0.39	30.47 -0.21 -0.41	31.78 -0.06 -0.45	31.87 0.00 -0.45	34.71 0.58 -0.51	31.40 0.66 -0.41	36.01 1.12 -0.56	32.30 0.89 -0.43	34.49 1.16 -0.50	30.28 0.99 -0.25	25.43 0.79 0.00

STONY___BROOK 24151	31.07 2.38 0.00	27.14 2.06 0.00	24.10 1.79 0.00	25.28 1.88 0.00	25.21 1.76 0.00	26.92 1.85 0.00	32.90 2.34 0.00	36.57 3.28 -0.02	71.60 3.78 -30.61	50.30 3.16 -14.48	48.77 2.71 -13.78	126.92 2.81 -90.81	143.07 2.98 -106.93	61.39 2.64 -28.93	155.80 3.02 -122.51	239.27 2.86 -205.03	61.30 2.45 -27.43	154.13 2.47 -118.05	113.75 2.71 -80.71	200.79 2.34 -164.12	95.11 2.62 -61.52	151.17 2.36 -115.98	43.18 2.45 -11.69	37.33 2.43 -10.27
STURGEON_POOL_HYD 23609	30.03 1.33 0.00	26.16 1.09 0.00	23.30 1.00 0.00	24.41 1.01 0.00	24.39 0.95 0.00	26.05 0.99 0.00	31.77 1.21 0.00	34.86 1.59 0.00	39.10 1.87 -0.01	34.49 1.71 -0.12	34.07 1.72 -0.07	35.16 1.87 0.00	35.18 2.02 0.00	31.58 1.76 0.00	32.16 1.89 0.00	33.27 1.88 0.00	33.15 1.73 0.00	35.51 1.89 0.00	32.13 1.81 0.00	35.96 1.63 0.00	32.50 1.52 0.00	34.23 1.41 0.00	30.43 1.39 0.00	25.83 1.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.99 1.30 0.00	26.14 1.07 0.00	23.28 0.97 0.00	24.40 1.01 0.00	24.38 0.93 0.00	26.03 0.97 0.00	31.75 1.19 0.00	34.78 1.52 0.00	39.00 1.77 -0.02	31.79 1.56 2.44	33.98 1.54 -0.15	34.99 1.69 0.00	34.98 1.82 0.00	30.08 1.62 1.36	32.05 1.77 0.00	33.17 1.79 0.00	33.08 1.67 0.00	35.47 1.85 0.00	32.07 1.75 0.00	35.98 1.65 0.00	32.50 1.52 0.00	34.23 1.40 0.00	27.28 1.36 3.12	17.83 1.19 8.00
SWANROAD_115KV_TB1 355699	28.34 -0.35 0.00	24.97 -0.11 0.00	22.05 -0.26 0.00	23.13 -0.26 0.00	23.06 -0.39 0.00	24.87 -0.20 0.00	30.25 -0.32 0.00	31.81 -1.45 0.00	35.31 -1.90 0.00	31.14 -1.52 0.00	30.27 -2.02 0.00	30.92 -2.37 0.00	30.78 -2.38 0.00	27.58 -2.24 0.00	27.91 -2.37 0.00	29.15 -2.23 0.00	29.67 -1.75 0.00	32.67 -0.94 0.00	29.64 -0.69 0.00	33.71 -0.62 0.00	30.22 -0.76 0.00	32.04 -0.79 0.00	28.21 -0.83 0.00	24.12 -0.52 0.00
SYNERGY___BIOGAS 323694	29.69 1.00 0.00	26.04 0.96 0.00	22.97 0.67 0.00	24.08 0.68 0.00	24.02 0.57 0.00	25.94 0.88 0.00	31.61 1.04 0.00	33.55 0.28 0.00	37.49 0.28 0.00	32.99 0.33 0.00	32.15 -0.13 0.00	32.91 -0.38 0.00	32.74 -0.42 0.00	29.40 -0.42 0.00	29.69 -0.58 0.00	30.87 -0.52 0.00	31.32 -0.09 0.00	34.46 0.84 0.00	31.29 0.96 0.00	35.61 1.28 0.00	31.97 0.99 0.00	33.86 1.03 0.00	29.72 0.68 0.00	25.24 0.60 0.00
SYRACUSE___ENERGY_ST1 323597	29.70 0.04 -0.97	25.08 -0.01 -0.01	22.27 -0.04 0.00	23.38 -0.01 0.00	23.38 -0.07 0.00	25.06 -0.01 0.00	31.98 0.02 -1.40	35.02 0.03 -1.79	37.25 0.03 0.00	33.09 0.07 -0.36	34.07 0.03 -1.75	35.37 0.09 -1.98	35.22 0.08 -1.98	31.61 0.03 -1.71	32.07 0.03 -1.77	33.44 0.10 -1.95	33.53 0.16 -1.95	36.13 0.31 -2.21	32.39 0.29 -1.77	37.04 0.29 -2.42	33.05 0.21 -1.86	35.12 0.14 -2.15	30.17 0.04 -1.08	24.64 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	29.70 0.04 -0.97	25.08 -0.01 -0.01	22.27 -0.04 0.00	23.38 -0.01 0.00	23.38 -0.07 0.00	25.06 -0.01 0.00	31.98 0.02 -1.40	35.02 0.03 -1.79	37.25 0.03 0.00	33.09 0.07 -0.36	34.07 0.03 -1.75	35.37 0.09 -1.98	35.22 0.08 -1.98	31.61 0.08 -1.71	32.07 0.03 -1.77	33.44 0.10 -1.95	33.53 0.16 -1.95	36.13 0.31 -2.21	32.39 0.29 -1.77	37.04 0.29 -2.42	33.05 0.21 -1.86	35.12 0.14 -2.15	30.17 0.04 -1.08	24.64 0.00 0.00
SYRACUSE___POWER 24017	29.38 0.05 -0.63	25.10 0.01 -0.01	22.28 -0.03 0.00	23.39 -0.01 0.00	23.39 -0.06 0.00	25.05 -0.01 0.00	31.50 0.03 -0.91	34.44 0.00 -1.17	37.29 0.08 0.00	32.99 0.09 -0.23	33.44 0.04 -1.12	34.63 0.07 -1.26	34.50 0.08 -1.26	30.97 0.06 -1.09	31.44 0.04 -1.13	32.73 0.10 -1.24	32.83 0.17 -1.25	35.36 0.34 -1.41	31.76 0.31 -1.13	36.19 0.32 -1.54	32.40 0.24 -1.19	34.36 0.16 -1.37	29.80 0.06 -0.69	24.64 -0.01 0.00
TALLMAN__138KV_BK151 55660	30.16 1.47 0.00	26.29 1.21 0.00	23.40 1.09 0.00	24.54 1.15 0.00	24.51 1.06 0.00	26.18 1.12 0.00	31.93 1.36 0.00	35.03 1.76 0.00	39.29 2.06 -0.02	31.05 1.82 3.43	34.24 1.79 -0.16	35.22 1.93 0.00	35.24 2.07 0.00	29.98 1.83 1.66	32.33 2.06 0.00	33.47 2.08 0.00	33.36 1.94 0.00	35.75 2.13 0.00	32.34 2.01 0.00	36.23 1.90 0.00	32.73 1.75 0.00	34.46 1.63 0.00	26.33 1.59 4.30	15.00 1.37 11.00
TEALLAVE_115KV_TB7 355573	29.11 -0.10 -0.52	24.97 -0.11 -0.01	22.17 -0.14 0.00	23.27 -0.13 0.00	23.27 -0.17 0.00	24.93 -0.13 0.00	31.18 -0.13 -0.75	34.04 -0.18 -0.96	37.09 -0.13 0.00	32.77 -0.08 -0.19	33.05 -0.13 -0.89	34.18 -0.12 -1.01	34.06 -0.11 -1.01	30.58 -0.11 -0.87	31.06 -0.12 -0.90	32.31 -0.07 -1.00	32.40 -0.01 -1.00	34.90 0.15 -1.13	31.37 0.14 -0.91	35.69 0.12 -1.24	31.98 0.05 -0.95	33.91 -0.02 -1.10	29.49 -0.11 -0.55	24.51 -0.13 0.00
TELGRAPH_34_KV_EAST 80808	29.07 0.38 0.00	25.56 0.48 0.00	22.55 0.25 0.00	23.65 0.25 0.00	23.58 0.13 0.00	25.44 0.38 0.00	30.98 0.42 0.00	32.75 -0.51 0.00	36.48 -0.74 0.00	32.13 -0.53 0.00	31.30 -0.99 0.00	32.06 -1.24 0.00	31.89 -1.27 0.00	28.57 -1.25 0.00	28.87 -1.40 0.00	30.11 -1.27 0.00	30.59 -0.82 0.00	33.68 0.07 0.00	30.55 0.22 0.00	34.74 0.42 0.00	31.14 0.16 0.00	33.00 0.17 0.00	29.02 -0.03 0.00	24.74 0.10 0.00
TEMPLE___115KV_TB 2 55572	29.14 -0.08 -0.52	24.99 -0.10 -0.01	22.19 -0.11 0.00	23.29 -0.11 0.00	23.29 -0.16 0.00	24.95 -0.11 0.00	31.21 -0.10 -0.75	34.06 -0.16 -0.96	37.11 -0.10 0.00	32.79 -0.06 -0.19	33.07 -0.10 -0.89	34.21 -0.10 -1.01	34.09 -0.09 -1.01	30.60 -0.09 -0.87	31.08 -0.10 -0.90	32.33 -0.05 -1.00	32.43 0.01 -1.00	34.92 0.17 -1.13	31.39 0.15 -0.90	35.71 0.15 -1.24	32.01 0.08 -0.95	33.93 0.00 -1.10	29.51 -0.09 -0.55	24.52 -0.12 0.00
TIANA____69_KV_BK 1 55817	31.37 2.67 0.00	27.35 2.28 0.00	24.29 1.98 0.00	25.54 2.14 0.00	25.47 2.03 0.00	27.20 2.14 0.00	33.31 2.74 0.00	37.34 4.05 -0.03	77.76 4.70 -35.84	52.71 4.09 -15.95	49.45 3.68 -13.48	121.70 3.84 -84.57	139.79 3.92 -102.71	60.14 3.64 -26.69	151.41 3.97 -117.17	238.27 3.78 -203.11	132.45 3.57 -97.46	154.77 3.60 -117.56	134.03 3.69 -100.03	234.71 3.40 -196.99	143.60 3.64 -108.99	160.86 3.33 -124.70	44.26 3.36 -11.86	37.94 3.10 -10.20
TILDEN___115KV_TB1 80814	29.38 0.05 -0.63	25.10 0.01 -0.01	22.28 -0.03 0.00	23.39 -0.01 0.00	23.39 -0.06 0.00	25.05 -0.01 0.00	31.50 0.03 -0.91	34.44 0.00 -1.17	37.29 0.08 0.00	32.99 0.09 -0.23	33.44 0.04 -1.12	34.63 0.07 -1.26	34.50 0.08 -1.26	30.97 0.06 -1.09	31.44 0.04 -1.13	32.73 0.10 -1.24	32.83 0.17 -1.25	35.36 0.34 -1.41	31.76 0.31 -1.13	36.19 0.32 -1.54	32.40 0.24 -1.19	34.36 0.16 -1.37	29.80 0.06 -0.69	24.64 -0.01 0.00
TRIGEN___CC 323695	30.75 2.06 0.00	26.85 1.77 0.00	23.84 1.53 0.00	24.98 1.58 0.00	24.92 1.47 0.00	26.62 1.56 0.00	32.49 1.92 0.00	35.74 2.48 0.00	40.07 2.83 -0.02	38.35 2.45 -3.24	34.73 2.26 -0.18	35.69 2.40 0.00	36.01 2.58 -0.27	33.75 2.32 -1.61	33.05 2.55 -0.23	33.74 2.36 0.00	33.46 2.05 0.01	35.68 2.06 0.00	32.54 2.21 0.00	36.26 1.94 0.00	33.05 2.07 0.00	34.67 1.84 0.00	34.41 1.98 -3.38	35.15 1.85 -8.66

TRINITY__115KV__4 BK 55933	29.46 0.77 0.00	25.80 0.72 0.00	23.05 0.74 0.00	24.16 0.76 0.00	24.22 0.77 0.00	25.64 0.58 0.00	31.18 0.61 0.00	33.96 0.69 0.00	37.99 0.79 0.02	33.66 0.67 -0.33	32.73 0.64 0.20	33.94 0.64 0.00	33.92 0.76 0.00	30.99 0.71 -0.46	31.15 0.88 0.00	32.32 0.94 0.00	32.22 0.81 0.00	34.46 0.84 0.00	31.08 0.75 0.00	34.96 0.63 0.00	31.62 0.64 0.00	33.27 0.44 0.00	30.34 0.51 -0.78	27.25 0.60 -2.01
UNION__PROCESSING_DRP 323587	29.08 0.38 0.00	25.50 0.42 0.00	22.53 0.22 0.00	23.62 0.22 0.00	23.60 0.15 0.00	25.38 0.32 0.00	30.96 0.40 0.00	33.15 -0.11 0.00	37.02 -0.20 0.00	32.59 -0.07 0.00	31.92 -0.37 0.00	32.70 -0.60 0.00	32.57 -0.59 0.00	29.24 -0.57 0.00	29.62 -0.65 0.00	30.81 -0.57 0.00	31.14 -0.27 0.00	34.00 0.38 0.00	30.78 0.45 0.00	34.93 0.60 0.00	31.35 0.37 0.00	33.19 0.36 0.00	29.21 0.16 0.00	24.81 0.17 0.00
UPPER HUDSON__HYD 24058	30.27 1.58 0.00	26.43 1.35 0.00	23.55 1.24 0.00	24.64 1.25 0.00	24.74 1.29 0.00	26.36 1.30 0.00	32.15 1.59 0.00	35.09 1.82 0.00	39.31 2.11 0.02	34.64 1.70 -0.28	33.63 1.56 0.22	34.60 1.30 0.00	34.67 1.51 0.00	31.70 1.44 -0.44	32.02 1.75 0.00	33.26 1.88 0.00	33.39 1.98 0.00	35.84 2.23 0.00	32.24 1.91 0.00	36.37 2.04 0.00	32.92 1.94 0.00	34.50 1.67 0.00	31.25 1.46 -0.75	27.88 1.31 -1.92
UPPER RAQUET__HYD 24056	28.11 -0.77 -0.18	24.37 -0.70 0.00	21.57 -0.74 0.00	22.61 -0.78 0.00	22.77 -0.67 0.00	24.46 -0.60 0.00	30.14 -0.69 -0.26	32.98 -0.63 -0.35	36.52 -0.69 0.00	32.10 -0.64 -0.07	32.03 -0.59 -0.34	33.18 -0.49 -0.38	32.95 -0.59 -0.38	29.63 -0.52 -0.33	29.91 -0.70 -0.34	30.90 -0.86 -0.38	31.06 -0.74 -0.38	33.13 -0.91 -0.43	29.76 -0.90 -0.34	33.95 -0.84 -0.47	30.61 -0.72 -0.36	32.74 -0.51 -0.41	28.67 -0.58 -0.21	24.01 -0.62 0.00
VALLEY44_115KV_TB2 355964	29.09 0.39 0.00	25.42 0.35 0.00	22.41 0.10 0.00	23.57 0.17 0.00	23.45 0.00 0.00	25.37 0.31 0.00	31.08 0.52 0.00	33.59 0.32 0.00	37.59 0.37 0.00	32.92 0.25 0.00	32.07 -0.22 0.00	32.55 -0.75 0.00	32.33 -0.83 0.00	29.04 -0.78 0.00	29.47 -0.80 0.00	30.70 -0.68 0.00	31.08 -0.34 0.00	33.93 0.32 0.00	30.55 0.22 0.00	34.76 0.43 0.00	31.16 0.19 0.00	33.20 0.37 0.00	29.35 0.30 0.00	24.91 0.27 0.00
VALLEY__115KV_TB 1-4 80826	28.72 0.02 0.00	25.04 -0.04 0.00	22.37 0.06 0.00	23.46 0.06 0.00	23.54 0.09 0.00	25.11 0.05 0.00	30.57 0.01 0.00	33.31 0.05 0.00	37.23 0.02 0.00	32.59 -0.07 0.00	32.23 -0.05 0.00	33.38 0.09 0.00	33.33 0.17 0.00	30.15 0.34 0.00	30.55 0.27 0.00	31.70 0.32 0.00	31.51 0.09 0.00	33.94 0.32 0.00	30.63 0.31 0.00	34.56 0.23 0.00	31.15 0.18 0.00	32.78 -0.06 0.00	29.07 0.03 0.00	24.70 0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.02 1.15 -0.18	26.02 0.95 0.00	23.17 0.86 0.00	24.30 0.90 0.00	24.34 0.90 0.00	26.03 0.97 0.00	32.05 1.23 -0.26	34.93 1.34 -0.33	38.85 1.63 0.00	34.09 1.43 0.00	33.66 1.38 0.00	34.68 1.38 0.00	34.59 1.43 0.00	31.06 1.24 0.00	31.65 1.38 0.00	32.85 1.47 0.00	32.89 1.48 0.00	35.32 1.71 0.00	31.91 1.58 0.00	35.97 1.65 0.00	32.45 1.48 0.00	34.28 1.45 0.00	30.30 1.26 0.00	25.68 1.04 0.00
VISCHER__FERRY HYD 24020	29.82 1.13 0.00	26.10 1.03 0.00	23.32 1.01 0.00	24.43 1.03 0.00	24.52 1.07 0.00	26.09 1.03 0.00	31.74 1.17 0.00	34.52 1.25 0.00	38.59 1.40 0.03	34.01 1.15 -0.20	33.11 1.10 0.28	34.42 1.12 0.00	34.44 1.28 0.00	31.48 1.18 -0.48	31.66 1.38 0.00	32.86 1.48 0.00	32.81 1.39 0.00	35.11 1.49 0.00	31.64 1.31 0.00	35.64 1.31 0.00	32.22 1.24 0.00	33.90 1.07 0.00	30.89 1.05 -0.80	27.70 1.02 -2.04
V_A_10_SYNC_DSASP 323832	28.57 -0.12 0.00	25.14 0.06 0.00	22.20 -0.11 0.00	23.29 -0.11 0.00	23.24 -0.20 0.00	25.04 -0.02 0.00	30.52 -0.05 0.00	32.41 -0.86 0.00	36.07 -1.15 0.00	31.76 -0.90 0.00	30.97 -1.32 0.00	31.67 -1.63 0.00	31.48 -1.68 0.00	28.25 -1.57 0.00	28.61 -1.66 0.00	29.83 -1.55 0.00	30.25 -1.16 0.00	33.18 -0.43 0.00	30.03 -0.30 0.00	34.13 -0.20 0.00	30.61 -0.37 0.00	32.44 -0.39 0.00	28.58 -0.47 0.00	24.37 -0.27 0.00
V_CMM_10_SYNC_DSASP 323787	28.37 -0.32 0.00	24.85 -0.23 0.00	22.05 -0.25 0.00	23.10 -0.30 0.00	23.18 -0.27 0.00	24.83 -0.23 0.00	30.31 -0.25 0.00	32.97 -0.29 0.00	36.92 -0.30 0.00	32.39 -0.27 0.00	32.06 -0.23 0.00	33.12 -0.17 0.00	32.91 -0.26 0.00	29.59 -0.23 0.00	29.89 -0.39 0.00	30.95 -0.43 0.00	31.07 -0.34 0.00	33.06 -0.55 0.00	29.77 -0.56 0.00	33.88 -0.45 0.00	30.56 -0.41 0.00	32.61 -0.22 0.00	28.79 -0.25 0.00	24.39 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	30.28 1.59 0.00	26.53 1.46 0.00	23.38 1.08 0.00	24.24 0.84 0.00	24.27 0.82 0.00	26.21 1.15 0.00	32.02 1.46 0.00	34.87 1.61 0.00	39.20 1.98 0.00	34.41 1.75 0.00	34.24 1.95 0.00	35.35 2.05 0.00	34.98 1.81 0.00	31.63 1.82 0.00	32.07 1.80 0.00	32.76 1.37 0.00	33.06 1.65 0.00	35.43 1.82 0.00	31.94 1.61 0.00	36.32 2.00 0.00	32.79 1.81 0.00	34.85 2.02 0.00	30.92 1.88 0.00	25.95 1.31 0.00
V_E_10_SYNC_DSASP 323830	31.26 2.17 -0.39	26.65 1.57 -0.01	23.65 1.34 0.00	24.89 1.50 0.00	25.02 1.58 0.00	26.99 1.93 0.00	33.74 2.61 -0.57	37.00 3.01 -0.73	40.80 3.58 0.00	35.87 3.06 -0.14	35.81 2.84 -0.68	37.20 3.13 -0.77	36.93 2.99 -0.77	33.04 2.55 -0.67	33.35 2.39 -0.69	34.75 2.61 -0.76	35.08 2.90 -0.76	38.13 3.65 -0.86	34.47 3.45 -0.69	39.13 3.86 -0.94	34.97 3.27 -0.73	36.96 3.29 -0.84	32.10 2.63 -0.42	26.66 2.02 0.00
V_F_30_NSYNC__DSASP 323816	30.35 1.65 0.00	26.52 1.45 0.00	23.65 1.34 0.00	24.77 1.37 0.00	24.85 1.41 0.00	26.48 1.42 0.00	32.28 1.71 0.00	35.14 1.88 0.00	39.31 2.12 0.03	34.68 1.75 -0.26	33.74 1.68 0.23	34.94 1.65 0.00	35.01 1.85 0.00	31.95 1.68 -0.45	32.18 1.90 0.00	33.44 2.06 0.00	33.42 2.01 0.00	35.85 2.23 0.00	32.30 1.98 0.00	36.41 2.08 0.00	32.90 1.92 0.00	34.59 1.76 0.00	31.37 1.57 -0.76	28.00 1.42 -1.94
V_F_30_SYNC_DSASP 323786	29.54 0.85 0.00	25.86 0.79 0.00	23.10 0.79 0.00	24.21 0.81 0.00	24.28 0.83 0.00	25.68 0.62 0.00	31.24 0.67 0.00	34.09 0.83 0.00	38.18 0.99 0.02	33.83 0.85 -0.32	32.91 0.83 0.21	34.16 0.86 0.00	34.15 0.98 0.00	31.20 0.93 -0.46	31.36 1.08 0.00	32.54 1.15 0.00	32.42 1.00 0.00	34.67 1.05 0.00	31.27 0.94 0.00	35.16 0.84 0.00	31.78 0.81 0.00	33.45 0.62 0.00	30.47 0.65 -0.78	27.33 0.70 -1.99
V_XM_10_SYNC_DSASP 323789	30.28 1.59 0.00	26.53 1.46 0.00	23.38 1.08 0.00	24.24 0.84 0.00	24.27 0.82 0.00	26.21 1.15 0.00	32.02 1.46 0.00	34.87 1.61 0.00	39.20 1.98 0.00	34.41 1.75 0.00	34.24 1.95 0.00	35.35 2.05 0.00	34.98 1.81 0.00	31.63 1.82 0.00	32.07 1.80 0.00	32.76 1.37 0.00	33.06 1.65 0.00	35.43 1.82 0.00	31.94 1.61 0.00	36.32 2.00 0.00	32.79 1.81 0.00	34.85 2.02 0.00	30.92 1.88 0.00	25.95 1.31 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.24 1.55 0.00	26.36 1.29 0.00	23.47 1.16 0.00	24.63 1.23 0.00	24.58 1.13 0.00	26.27 1.20 0.00	32.02 1.46 0.00	35.12 1.85 0.00	39.41 2.17 -0.02	30.89 1.91 3.68	34.34 1.88 -0.17	35.33 2.04 0.00	35.35 2.19 0.00	30.04 1.95 1.73	32.60 2.32 0.00	33.74 2.36 0.00	33.65 2.23 0.00	36.08 2.47 0.00	32.62 2.29 0.00	36.55 2.22 0.00	33.01 2.03 0.00	34.75 1.92 0.00	26.20 1.76 4.60	14.29 1.42 11.77
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.63 1.94 0.00	26.69 1.62 0.00	23.70 1.40 0.00	24.83 1.44 0.00	24.79 1.34 0.00	26.49 1.43 0.00	32.35 1.79 0.00	35.54 2.28 0.00	39.88 2.64 -0.02	38.26 2.34 -3.26	34.76 2.29 -0.18	35.65 2.36 0.00	35.60 2.44 0.00	33.57 2.13 -1.62	32.62 2.34 0.00	33.68 2.30 0.00	33.50 2.09 0.00	35.87 2.25 0.00	32.46 2.14 0.00	36.38 2.05 0.00	32.89 1.91 0.00	34.68 1.85 0.00	34.31 1.85 -3.41	35.04 1.67 -8.73
W50THST__13_KV_LOAD 356117	30.83 2.14 0.00	26.84 1.77 0.00	23.84 1.53 0.00	24.96 1.57 0.00	24.93 1.48 0.00	26.64 1.58 0.00	32.58 2.02 0.00	35.79 2.53 0.00	40.18 2.94 -0.02	38.56 2.63 -3.26	35.04 2.57 -0.18	35.94 2.65 0.00	35.88 2.72 0.00	33.81 2.38 -1.62	32.86 2.59 0.00	33.93 2.55 0.00	33.74 2.33 0.00	36.13 2.52 0.00	32.69 2.37 0.00	36.62 2.29 0.00	33.08 2.11 0.00	34.89 2.06 0.00	34.51 2.06 -3.41	35.22 1.84 -8.73
WADING RIVER_IC_1 23522	30.84 2.16 0.00	26.92 1.84 0.00	23.93 1.62 0.00	25.17 1.77 0.00	25.12 1.68 0.00	26.81 1.75 0.00	32.82 2.25 0.00	36.90 3.61 -0.03	77.51 4.16 -36.13	52.28 3.57 -16.05	48.97 3.15 -13.54	121.39 3.30 -84.79	139.60 3.38 -103.06	59.67 3.11 -26.75	151.24 3.41 -117.56	237.05 3.21 -202.45	110.16 2.94 -75.80	153.11 2.94 -116.55	126.81 3.12 -93.37	222.43 2.77 -185.33	128.01 3.07 -93.97	156.53 2.78 -120.93	43.85 2.92 -11.90	37.60 2.75 -10.21
WADING RIVER_IC_2 23547	30.84 2.16 0.00	26.92 1.84 0.00	23.93 1.62 0.00	25.17 1.77 0.00	25.12 1.68 0.00	26.81 1.75 0.00	32.82 2.25 0.00	36.90 3.61 -0.03	77.51 4.16 -36.13	52.28 3.57 -16.05	48.97 3.15 -13.54	121.39 3.30 -84.79	139.60 3.38 -103.06	59.67 3.11 -26.75	151.24 3.41 -117.56	237.05 3.21 -202.45	110.16 2.94 -75.80	153.11 2.94 -116.55	126.81 3.12 -93.37	222.43 2.77 -185.33	128.01 3.07 -93.97	156.53 2.78 -120.93	43.85 2.92 -11.90	37.60 2.75 -10.21
WADING RIVER_IC_3 23601	30.84 2.16 0.00	26.92 1.84 0.00	23.93 1.62 0.00	25.17 1.77 0.00	25.12 1.68 0.00	26.81 1.75 0.00	32.82 2.25 0.00	36.90 3.61 -0.03	77.51 4.16 -36.13	52.28 3.57 -16.05	48.97 3.15 -13.54	121.39 3.30 -84.79	139.60 3.38 -103.06	59.67 3.11 -26.75	151.24 3.41 -117.56	237.05 3.21 -202.45	110.16 2.94 -75.80	153.11 2.94 -116.55	126.81 3.12 -93.37	222.43 2.77 -185.33	128.01 3.07 -93.97	156.53 2.78 -120.93	43.85 2.92 -11.90	37.60 2.75 -10.21
WALDENNY_I2_KV_BK2 80841	29.19 0.50 0.00	25.63 0.55 0.00	22.61 0.30 0.00	23.73 0.34 0.00	23.64 0.19 0.00	25.52 0.46 0.00	31.12 0.56 0.00	33.00 -0.27 0.00	36.79 -0.43 0.00	32.41 -0.25 0.00	31.59 -0.69 0.00	32.36 -0.94 0.00	32.17 -0.99 0.00	28.84 -0.97 0.00	29.18 -1.09 0.00	30.47 -0.91 0.00	30.95 -0.46 0.00	34.00 0.38 0.00	30.77 0.44 0.00	35.00 0.68 0.00	31.35 0.37 0.00	33.25 0.42 0.00	29.26 0.22 0.00	24.90 0.26 0.00
WALDEN__HYDRO 24148	30.35 1.66 0.00	26.45 1.37 0.00	23.54 1.24 0.00	24.67 1.27 0.00	24.65 1.20 0.00	26.30 1.24 0.00	32.11 1.55 0.00	35.18 1.91 0.00	39.43 2.19 -0.02	34.16 1.93 0.43	34.36 1.94 -0.14	35.31 2.01 0.00	35.27 2.11 0.00	31.34 1.87 0.35	32.34 2.06 0.00	33.45 2.07 0.00	33.36 1.95 0.00	35.89 2.28 0.00	32.44 2.12 0.00	36.47 2.15 0.00	32.92 1.95 0.00	34.64 1.81 0.00	29.97 1.70 0.78	24.11 1.46 1.99
WARRENSBURG____ 23737	30.27 1.58 0.00	26.43 1.35 0.00	23.55 1.24 0.00	24.64 1.25 0.00	24.74 1.29 0.00	26.36 1.30 0.00	32.15 1.59 0.00	35.09 1.82 0.00	39.31 2.11 0.02	34.64 1.70 -0.28	33.63 1.56 0.22	34.60 1.30 0.00	34.67 1.51 0.00	31.70 1.44 -0.44	32.02 1.75 0.00	33.26 1.88 0.00	33.39 1.98 0.00	35.84 2.23 0.00	32.24 1.91 0.00	36.37 2.04 0.00	32.92 1.94 0.00	34.50 1.67 0.00	31.25 1.46 -0.75	27.88 1.31 -1.92
WATERSIDE____6 8 9 23538	30.66 1.97 0.00	26.73 1.65 0.00	23.74 1.44 0.00	24.85 1.46 0.00	24.81 1.36 0.00	26.51 1.45 0.00	32.38 1.82 0.00	35.60 2.33 0.00	39.93 2.70 -0.02	38.29 2.37 -3.26	34.71 2.24 -0.18	35.59 2.30 0.00	35.55 2.39 0.00	33.49 2.06 -1.62	32.52 2.25 0.00	33.58 2.19 0.00	33.39 1.98 0.00	35.73 2.12 0.00	32.36 2.03 0.00	36.25 1.92 0.00	32.79 1.81 0.00	34.62 1.79 0.00	34.32 1.87 -3.41	35.04 1.67 -8.73
WATKINRD_115KV_LN8_ILLION 55919	28.72 0.03 0.00	25.06 -0.01 0.00	22.36 0.05 0.00	23.45 0.05 0.00	23.51 0.07 0.00	25.09 0.03 0.00	30.57 0.00 0.00	33.31 0.04 0.00	37.22 0.00 0.00	32.60 -0.06 0.00	32.23 -0.05 0.00	33.31 0.01 0.00	33.23 0.07 0.00	29.99 0.18 0.00	30.44 0.16 0.00	31.59 0.20 0.00	31.48 0.06 0.00	33.82 0.21 0.00	30.53 0.21 0.00	34.49 0.17 0.00	31.11 0.14 0.00	32.82 -0.01 0.00	29.05 0.00 0.00	24.67 0.03 0.00
WATSON__69_KV_BK 1 55734	31.44 2.74 0.00	27.44 2.37 0.00	24.35 2.04 0.00	25.54 2.14 0.00	25.46 2.01 0.00	27.21 2.15 0.00	33.23 2.67 0.00	36.86 3.59 -0.01	58.52 4.17 -17.14	45.56 3.56 -9.33	42.01 3.08 -6.65	77.91 3.24 -41.37	86.81 3.44 -50.21	46.81 3.09 -13.90	90.98 3.43 -57.27	131.12 3.23 -96.51	43.58 2.84 -9.33	91.37 2.85 -54.90	69.96 3.01 -36.63	111.65 2.65 -74.67	60.37 2.99 -26.40	89.07 2.71 -53.52	39.35 2.82 -7.49	36.69 2.64 -9.41
WDELAWARE__HYD 323627	29.87 1.18 0.00	26.01 0.94 0.00	23.13 0.83 0.00	24.24 0.84 0.00	24.21 0.77 0.00	25.87 0.81 0.00	31.58 1.01 0.00	34.60 1.34 0.00	38.92 1.69 -0.01	33.92 1.52 0.27	34.00 1.63 -0.09	35.12 1.82 0.00	35.07 1.91 0.00	31.07 1.55 0.29	31.39 1.12 0.00	32.59 1.20 0.00	32.56 1.15 0.00	34.96 1.35 0.00	31.64 1.31 0.00	35.47 1.14 0.00	32.01 1.04 0.00	33.80 0.97 0.00	30.06 1.50 0.49	24.62 1.23 1.25
WEST BABYLON__IC 23714	31.35 2.66 0.00	27.37 2.30 0.00	24.29 1.98 0.00	25.46 2.06 0.00	25.37 1.93 0.00	27.12 2.06 0.00	33.12 2.56 0.00	36.63 3.37 0.00	45.82 3.92 -4.69	40.88 3.33 -4.88	37.03 2.88 -1.87	46.94 3.07 -10.57	49.55 3.23 -13.16	37.45 2.89 -4.74	48.42 3.23 -14.92	59.44 2.97 -25.08	38.40 2.63 -4.35	50.49 2.60 -14.28	43.17 2.78 -10.07	57.10 2.43 -20.34	41.89 2.73 -8.18	49.50 2.50 -14.17	36.14 2.64 -4.46	35.97 2.47 -8.85
WEST CANADA__HYD 24049	28.72 0.03 0.00	25.09 0.01 0.00	22.32 0.01 0.00	23.42 0.02 0.00	23.47 0.02 0.00	25.08 0.03 0.00	30.59 0.03 0.00	33.30 0.04 0.00	37.25 0.04 0.00	32.69 0.03 0.00	32.30 0.01 0.00	33.32 0.02 0.00	33.20 0.04 0.00	29.87 0.05 0.00	30.33 0.06 0.00	31.44 0.06 0.00	31.45 0.03 0.00	33.71 0.09 0.00	30.42 0.09 0.00	34.36 0.04 0.00	31.02 0.04 0.00	32.86 0.03 0.00	29.07 0.03 0.00	24.66 0.02 0.00

WESTERN_NY_WIND 24143	29.65 0.96 0.00	26.01 0.94 0.00	22.95 0.64 0.00	24.06 0.66 0.00	24.00 0.55 0.00	25.92 0.85 0.00	31.58 1.02 0.00	33.51 0.24 0.00	37.43 0.21 0.00	32.93 0.27 0.00	32.08 -0.20 0.00	32.85 -0.45 0.00	32.68 -0.48 0.00	29.34 -0.47 0.00	29.63 -0.64 0.00	30.80 -0.58 0.00	31.27 -0.14 0.00	34.41 0.80 0.00	31.25 0.92 0.00	35.56 1.23 0.00	31.93 0.95 0.00	33.82 0.99 0.00	29.68 0.64 0.00	25.21 0.57 0.00
WESTOVER___LESR 323668	29.49 0.44 -0.36	25.40 0.32 0.00	22.53 0.22 0.00	23.69 0.29 0.00	23.63 0.18 0.00	25.36 0.31 0.00	31.56 0.47 -0.52	34.49 0.55 -0.67	37.89 0.68 0.00	33.31 0.51 -0.13	33.32 0.41 -0.63	34.42 0.42 -0.71	34.29 0.43 -0.71	30.79 0.37 -0.61	31.27 0.36 -0.63	32.54 0.46 -0.70	32.68 0.56 -0.70	35.24 0.83 -0.79	31.69 0.73 -0.64	35.99 0.80 -0.87	32.26 0.62 -0.67	34.20 0.60 -0.77	29.93 0.50 -0.39	24.99 0.35 0.00
WETHRSFD_WT_PWR 323626	28.95 0.26 0.00	25.34 0.27 0.00	22.38 0.08 0.00	23.58 0.18 0.00	23.46 0.02 0.00	25.33 0.27 0.00	30.89 0.33 0.00	33.05 -0.22 0.00	36.92 -0.30 0.00	32.47 -0.19 0.00	31.74 -0.55 0.00	32.49 -0.80 0.00	32.29 -0.87 0.00	28.89 -0.92 0.00	29.12 -1.15 0.00	30.25 -1.13 0.00	30.61 -0.80 0.00	33.48 -0.13 0.00	30.33 0.00 0.00	34.67 0.34 0.00	31.17 0.20 0.00	33.15 0.32 0.00	29.24 0.20 0.00	24.82 0.18 0.00
WHAVSTOR_138KV_BK127 55557	30.12 1.43 0.00	26.26 1.19 0.00	23.38 1.07 0.00	24.53 1.13 0.00	24.49 1.05 0.00	26.17 1.11 0.00	31.89 1.33 0.00	34.98 1.72 0.00	39.24 2.00 -0.02	30.69 1.75 3.73	34.18 1.72 -0.17	35.14 1.84 0.00	35.15 1.99 0.00	29.82 1.75 1.75	32.24 1.97 0.00	33.36 1.98 0.00	33.24 1.82 0.00	35.62 2.00 0.00	32.22 1.90 0.00	36.10 1.77 0.00	32.63 1.65 0.00	34.36 1.53 0.00	25.90 1.51 4.66	14.04 1.32 11.92
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.12 1.43 0.00	26.26 1.19 0.00	23.38 1.07 0.00	24.53 1.13 0.00	24.49 1.05 0.00	26.17 1.11 0.00	31.89 1.33 0.00	34.98 1.72 0.00	39.24 2.00 -0.02	30.69 1.75 3.73	34.18 1.72 -0.17	35.14 1.84 0.00	35.15 1.99 0.00	29.82 1.75 1.75	32.24 1.97 0.00	33.36 1.98 0.00	33.24 1.82 0.00	35.62 2.00 0.00	32.22 1.90 0.00	36.10 1.77 0.00	32.63 1.65 0.00	34.36 1.53 0.00	25.90 1.51 4.66	14.04 1.32 11.92
WHITEHAL_115KV_TB1 80871	31.45 2.76 0.00	27.34 2.27 0.00	24.40 2.10 0.00	25.48 2.08 0.00	25.63 2.18 0.00	27.28 2.22 0.00	33.20 2.64 0.00	36.17 2.90 0.00	40.39 3.20 0.03	35.43 2.50 -0.27	34.50 2.43 0.22	35.58 2.28 0.00	35.66 2.50 0.00	32.65 2.39 -0.45	33.03 2.76 0.00	34.32 2.94 0.00	34.48 3.07 0.00	36.93 3.31 0.00	33.00 2.68 0.00	37.22 2.89 0.00	33.72 2.75 0.00	35.20 2.37 0.00	31.93 2.14 -0.75	28.71 2.15 -1.93
WHITEPLN_13_KV_LOAD 356215	30.62 1.93 0.00	26.68 1.61 0.00	23.74 1.43 0.00	24.86 1.46 0.00	24.83 1.38 0.00	26.52 1.46 0.00	32.37 1.81 0.00	35.54 2.27 0.00	39.90 2.66 -0.02	38.46 2.35 -3.45	34.77 2.30 -0.18	35.93 2.63 0.00	35.90 2.75 0.00	33.90 2.43 -1.66	32.72 2.45 0.00	33.80 2.42 0.00	33.66 2.24 0.00	36.05 2.43 0.00	32.63 2.30 0.00	36.56 2.24 0.00	33.05 2.07 0.00	34.80 1.97 0.00	34.58 1.92 -3.62	35.60 1.68 -9.28
WM_FLOYD_69_KV_BK2 356380	31.05 2.35 0.00	27.09 2.02 0.00	24.07 1.76 0.00	25.28 1.88 0.00	25.22 1.77 0.00	26.92 1.87 0.00	32.92 2.36 0.00	36.79 3.50 -0.02	75.79 4.04 -34.54	51.66 3.45 -15.54	48.57 3.03 -13.27	120.18 3.19 -83.69	137.76 3.35 -101.25	59.34 3.05 -26.47	149.18 3.33 -115.57	237.93 3.19 -203.36	182.92 2.89 -148.62	155.75 2.87 -119.27	148.71 3.04 -115.34	260.70 2.67 -223.70	178.17 2.99 -144.20	168.54 2.71 -132.99	43.52 2.80 -11.67	37.48 2.66 -10.18
WOODARD___115KV_TB2 355635	29.15 -0.19 -0.65	24.90 -0.19 -0.01	22.11 -0.20 0.00	23.20 -0.19 0.00	23.21 -0.24 0.00	24.86 -0.20 0.00	31.28 -0.23 -0.94	34.18 -0.28 -1.20	36.97 -0.25 0.00	32.71 -0.19 -0.24	33.19 -0.24 -1.14	34.36 -0.23 -1.29	34.23 -0.22 -1.29	30.73 -0.20 -1.11	31.21 -0.21 -1.15	32.49 -0.17 -1.27	32.58 -0.11 -1.27	35.09 0.03 -1.44	31.51 0.03 -1.15	35.91 0.01 -1.58	32.15 -0.04 -1.21	34.11 -0.12 -1.40	29.56 -0.19 -0.71	24.44 -0.20 0.00
YORK___WARBASSE 23770	30.87 2.17 -0.01	26.91 1.83 -0.01	23.88 1.57 0.00	24.98 1.58 0.00	24.92 1.48 0.00	26.59 1.53 0.00	32.48 1.92 0.00	35.76 2.49 0.00	40.13 2.90 -0.02	38.47 2.55 -3.26	34.93 2.46 -0.18	35.81 2.51 0.00	35.76 2.60 0.00	33.68 2.25 -1.62	32.69 2.42 0.00	33.74 2.36 0.00	33.54 2.12 0.00	35.85 2.24 0.00	32.51 2.19 0.00	36.40 2.07 0.00	32.96 1.98 0.00	34.77 1.94 0.00	34.45 2.00 -3.41	35.13 1.76 -8.73