

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/01/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.33	8.94	16.05	16.14	17.49	17.90	24.21	24.97	24.04	23.13	32.17	32.63	28.99	25.84	25.31	32.25	37.95	39.24	39.12	39.71	48.16	25.83	30.80	26.06
24138	1.22	0.63	1.08	1.07	1.16	1.15	1.54	1.74	1.86	1.90	2.67	2.71	2.41	2.15	2.08	2.58	2.79	2.68	2.34	2.28	2.80	1.43	1.66	1.23
	-2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.38	8.96	16.09	16.17	17.52	17.94	24.25	25.00	24.06	23.15	32.19	32.66	29.02	25.87	25.33	32.27	37.98	39.26	39.15	39.78	48.25	25.88	30.89	26.13
24260	1.27	0.65	1.11	1.11	1.20	1.18	1.59	1.78	1.88	1.93	2.69	2.74	2.44	2.17	2.10	2.60	2.82	2.70	2.38	2.36	2.89	1.49	1.75	1.30
	-2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.38	8.96	16.09	16.17	17.52	17.94	24.25	25.00	24.06	23.15	32.19	32.66	29.02	25.87	25.33	32.27	37.98	39.26	39.15	39.78	48.25	25.88	30.89	26.13
24261	1.27	0.65	1.11	1.11	1.20	1.18	1.59	1.78	1.88	1.93	2.69	2.74	2.44	2.17	2.10	2.60	2.82	2.70	2.38	2.36	2.89	1.49	1.75	1.30
	-2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	41.32	8.76	15.85	15.95	17.30	17.78	24.10	24.79	23.73	22.62	31.06	31.58	27.88	24.92	24.29	31.06	37.06	38.58	38.78	39.36	47.78	25.66	30.60	25.91
24011	0.93	0.45	0.87	0.89	0.97	1.02	1.44	1.57	1.55	1.40	1.55	1.66	1.30	1.22	1.06	1.40	1.90	2.02	2.00	1.94	2.42	1.27	1.45	1.08
	-25.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	40.86	8.77	15.90	16.02	17.38	17.85	24.21	24.91	23.83	22.72	31.17	31.70	27.96	25.02	24.34	31.11	37.18	38.72	38.91	39.52	47.94	25.75	30.71	25.97
23798	0.99	0.46	0.93	0.95	1.06	1.10	1.55	1.69	1.65	1.50	1.67	1.78	1.38	1.32	1.10	1.45	2.02	2.16	2.13	2.08	2.58	1.36	1.57	1.14
	-24.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	41.32	8.76	15.85	15.95	17.30	17.78	24.10	24.79	23.73	22.62	31.06	31.58	27.88	24.92	24.29	31.06	37.06	38.58	38.78	39.36	47.78	25.66	30.60	25.91
24028	0.93	0.45	0.87	0.89	0.97	1.02	1.44	1.57	1.55	1.40	1.55	1.66	1.30	1.22	1.06	1.40	1.90	2.02	2.00	1.94	2.42	1.27	1.45	1.08
	-25.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	53.46	8.87	15.96	16.06	17.40	17.92	24.22	24.82	23.83	22.82	31.50	31.82	28.15	25.15	24.64	31.36	36.90	38.44	38.47	39.13	47.93	25.77	30.62	25.96
23527	1.09	0.55	0.98	1.00	1.08	1.16	1.56	1.59	1.65	1.59	1.99	1.90	1.57	1.46	1.41	1.69	1.74	1.89	1.69	1.70	2.57	1.38	1.48	1.13
	-37.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	-25.30	8.55	15.42	15.58	16.83	17.24	23.30	23.91	22.91	21.92	30.31	30.70	27.29	24.38	23.91	30.41	35.96	37.40	37.49	38.14	46.34	24.89	29.64	25.20
24190	0.47	0.23	0.45	0.51	0.51	0.49	0.63	0.68	0.73	0.69	0.81	0.78	0.70	0.68	0.68	0.74	0.80	0.84	0.71	0.71	0.98	0.50	0.50	0.37
	41.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	13.43	7.60	13.26	12.71	13.90	14.58	20.17	20.65	19.34	18.45	26.39	26.97	23.85	21.11	21.29	29.67	35.23	36.76	37.14	37.82	45.81	24.65	29.53	25.27
355683	-0.07	-0.03	-0.07	-0.08	-0.08	-0.01	0.01	-0.03	-0.18	-0.15	-0.04	-0.04	-0.03	-0.07	-0.08	0.00	0.07	0.21	0.37	0.39	0.45	0.26	0.38	0.43
	1.87	0.68	1.64	2.28	2.34	2.17	2.51	2.54	2.66	2.63	3.07	2.91	2.71	2.53	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	-24.67	8.68	15.66	15.80	17.09	17.53	23.70	24.31	23.28	22.21	30.43	30.76	27.31	24.37	23.89	30.46	36.28	37.91	38.12	38.79	47.10	25.30	30.15	25.62
323833	0.70	0.37	0.69	0.74	0.77	0.77	1.04	1.09	1.10	0.98	0.93	0.84	0.72	0.68	0.66	0.79	1.13	1.35	1.35	1.36	1.74	0.91	1.00	0.79
	40.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	-24.60	8.68	15.66	15.80	17.09	17.52	23.69	24.31	23.27	22.20	30.42	30.75	27.30	24.37	23.89	30.46	36.28	37.90	38.11	38.77	47.10	25.29	30.15	25.62
323834	0.70	0.37	0.69	0.73	0.77	0.77	1.03	1.08	1.09	0.98	0.92	0.83	0.72	0.67	0.66	0.79	1.12	1.34	1.33	1.34	1.74	0.90	1.00	0.79
	40.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	-25.30	8.55	15.42	15.58	16.83	17.24	23.30	23.91	22.91	21.92	30.31	30.70	27.29	24.38	23.91	30.41	35.96	37.40	37.49	38.14	46.34	24.89	29.64	25.20
23571	0.47	0.23	0.45	0.51	0.51	0.49	0.63	0.68	0.73	0.69	0.81	0.78	0.70	0.68	0.68	0.74	0.80	0.84	0.71	0.71	0.98	0.50	0.50	0.37
	41.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	-25.30 0.47 41.14	8.55 0.23 0.00	15.42 0.45 0.00	15.58 0.51 0.00	16.83 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.68 0.00	22.91 0.73 0.00	21.92 0.69 0.00	30.31 0.81 0.00	30.70 0.78 0.00	27.29 0.70 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.41 0.74 0.00	35.96 0.80 0.00	37.40 0.84 0.00	37.49 0.71 0.00	38.14 0.71 0.00	46.34 0.98 0.00	24.89 0.50 0.00	29.64 0.50 0.00	25.20 0.37 0.00
ALBANY___3 23573	-25.30 0.47 41.14	8.55 0.23 0.00	15.42 0.45 0.00	15.58 0.51 0.00	16.83 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.68 0.00	22.91 0.73 0.00	21.92 0.69 0.00	30.31 0.81 0.00	30.70 0.78 0.00	27.29 0.70 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.41 0.74 0.00	35.96 0.80 0.00	37.40 0.84 0.00	37.49 0.71 0.00	38.14 0.71 0.00	46.34 0.98 0.00	24.89 0.50 0.00	29.64 0.50 0.00	25.20 0.37 0.00
ALBANY___4 23574	-25.30 0.47 41.14	8.55 0.23 0.00	15.42 0.45 0.00	15.58 0.51 0.00	16.83 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.68 0.00	22.91 0.73 0.00	21.92 0.69 0.00	30.31 0.81 0.00	30.70 0.78 0.00	27.29 0.70 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.41 0.74 0.00	35.96 0.80 0.00	37.40 0.84 0.00	37.49 0.71 0.00	38.14 0.71 0.00	46.34 0.98 0.00	24.89 0.50 0.00	29.64 0.50 0.00	25.20 0.37 0.00
ALBANY___LFGE 323615	26.28 0.60 -10.31	8.61 0.30 0.00	15.54 0.57 0.00	15.69 0.62 0.00	16.96 0.64 0.00	17.38 0.62 0.00	23.50 0.84 0.00	24.12 0.90 0.00	23.13 0.95 0.00	22.11 0.89 0.00	30.57 1.07 0.00	30.98 1.06 0.00	27.53 0.95 0.00	24.58 0.88 0.00	24.12 0.89 0.00	30.70 1.03 0.00	36.31 1.15 0.00	37.76 1.20 0.00	37.85 1.08 0.00	38.51 1.08 0.00	46.79 1.43 0.00	25.12 0.73 0.00	29.92 0.77 0.00	25.42 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	13.47 -0.03 1.87	7.62 -0.01 0.68	13.31 -0.02 1.64	12.75 -0.03 2.28	13.95 -0.03 2.34	14.63 0.04 2.17	20.25 0.09 2.51	20.72 0.04 2.54	19.41 -0.12 2.66	18.51 -0.09 2.63	26.48 0.05 3.07	27.05 0.05 2.91	23.93 0.05 2.71	21.18 0.01 2.53	21.36 -0.01 1.86	29.76 0.09 0.00	35.34 0.18 0.00	36.87 0.31 0.00	37.25 0.47 0.00	37.92 0.49 0.00	45.94 0.58 0.00	24.72 0.33 0.00	29.62 0.47 0.00	25.34 0.51 0.00
ALCOA_RYNLDS___DRP 24188	13.47 -0.03 1.87	7.62 -0.01 0.68	13.31 -0.02 1.64	12.75 -0.03 2.28	13.95 -0.03 2.34	14.63 0.04 2.17	20.25 0.09 2.51	20.72 0.04 2.54	19.41 -0.12 2.66	18.51 -0.09 2.63	26.48 0.05 3.07	27.05 0.05 2.91	23.93 0.05 2.71	21.18 0.01 2.53	21.36 -0.01 1.86	29.76 0.09 0.00	35.34 0.18 0.00	36.87 0.31 0.00	37.25 0.47 0.00	37.92 0.49 0.00	45.94 0.58 0.00	24.72 0.33 0.00	29.62 0.47 0.00	25.34 0.51 0.00
ALCOA___DSASP 323711	13.47 -0.03 1.87	7.62 -0.01 0.68	13.31 -0.02 1.64	12.75 -0.04 2.28	13.96 -0.03 2.34	14.63 0.04 2.17	20.24 0.09 2.51	20.72 0.04 2.54	19.40 -0.12 2.66	18.51 -0.09 2.63	26.48 0.05 3.07	27.05 0.04 2.91	23.93 0.05 2.71	21.18 0.01 2.53	21.36 -0.01 1.86	29.76 0.09 0.00	35.34 0.18 0.00	36.87 0.31 0.00	37.25 0.47 0.00	37.92 0.49 0.00	45.94 0.58 0.00	24.72 0.33 0.00	29.62 0.47 0.00	25.34 0.51 0.00
ALLEGHENY___COGEN 23514	13.05 -0.65 1.67	7.99 -0.33 0.00	14.29 -0.68 0.00	14.36 -0.71 0.00	15.59 -0.73 0.00	16.03 -0.72 0.00	21.97 -0.69 0.00	22.64 -0.60 -0.02	32.81 -0.52 -11.15	20.51 -0.71 0.00	28.63 -0.87 0.00	29.18 -0.74 0.00	25.74 -0.85 0.00	22.99 -0.71 0.00	22.51 -0.72 0.00	28.90 -0.77 0.00	34.36 -0.80 0.00	35.98 -0.58 0.00	36.67 -0.11 0.00	37.46 0.03 0.00	45.06 -0.30 0.00	24.09 -0.30 0.00	29.09 -0.06 0.00	24.91 0.07 0.00
ALTAMONT_115KV_TB 2 55880	-6.07 0.49 21.93	8.57 0.25 0.00	15.45 0.48 0.00	15.56 0.50 0.00	16.85 0.53 0.00	17.26 0.51 0.00	23.32 0.66 0.00	23.95 0.72 0.00	22.95 0.77 0.00	21.95 0.73 0.00	30.35 0.84 0.00	30.76 0.83 0.00	27.34 0.75 0.00	24.37 0.68 0.00	23.89 0.66 0.00	30.46 0.80 0.00	36.07 0.91 0.00	37.51 0.95 0.00	37.63 0.85 0.00	38.28 0.85 0.00	46.47 1.11 0.00	24.97 0.57 0.00	29.77 0.62 0.00	25.28 0.45 0.00
ALTONA_WT_PWR 323606	-14.40 -0.48 29.29	-2.59 -0.23 10.67	-11.15 -0.44 25.68	-21.05 -0.48 35.64	-21.04 -0.52 36.84	-20.87 -0.68 36.94	-20.83 -0.76 42.74	-20.87 -0.74 43.35	-22.34 -0.58 43.93	-23.97 -0.38 44.82	-23.55 -0.71 52.34	-20.93 -1.12 49.73	-20.86 -1.29 46.15	-20.79 -1.40 43.09	-9.88 -1.33 31.78	29.82 0.15 0.00	35.74 0.57 0.00	37.75 1.19 0.00	38.19 1.42 0.00	39.01 1.58 0.00	47.63 2.27 0.00	25.76 1.36 0.00	30.78 1.63 0.00	26.43 1.60 0.00
AMERICAN_REF_FUEL 24010	12.53 -1.76 1.08	7.43 -0.88 0.00	13.27 -1.71 0.00	13.34 -1.73 0.00	14.42 -1.90 0.00	14.78 -1.97 0.00	20.28 -2.38 0.00	20.75 -2.47 0.00	17.30 -2.24 2.64	18.91 -2.32 0.00	26.50 -3.00 0.00	27.03 -2.89 0.00	23.93 -2.66 0.00	21.13 -2.57 0.00	20.72 -2.51 0.00	26.57 -3.09 0.00	31.52 -3.64 0.00	32.86 -3.70 0.00	33.25 -3.52 0.00	33.90 -3.54 0.00	40.55 -4.81 0.00	21.81 -2.58 0.00	26.83 -2.32 0.00	23.29 -1.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	12.47 -1.57 1.34	7.55 -0.77 0.00	13.47 -1.50 0.00	13.61 -1.45 0.00	14.68 -1.64 0.00	14.99 -1.77 0.00	20.48 -2.18 0.00	21.09 -2.13 0.00	17.81 -1.91 2.47	19.30 -1.92 0.00	27.07 -2.43 0.00	27.80 -2.12 0.00	24.63 -1.96 0.00	21.86 -1.84 0.00	21.48 -1.75 0.00	27.70 -1.97 0.00	33.06 -2.10 0.00	34.42 -2.13 0.00	34.73 -2.05 0.00	35.64 -1.78 0.00	42.79 -2.57 0.00	22.87 -1.52 0.00	27.99 -1.16 0.00	24.03 -0.81 0.00
ARTHUR KILL_GT_1 23520	19.38 1.27 -2.74	8.94 0.63 0.00	16.08 1.10 0.00	16.16 1.09 0.00	17.51 1.18 0.00	17.92 1.16 0.00	24.24 1.58 0.00	24.98 1.76 0.00	23.96 1.78 0.00	23.13 1.91 0.00	32.06 2.56 0.00	32.52 2.60 0.00	28.91 2.32 0.00	25.69 2.00 0.00	25.14 1.90 0.00	31.97 2.30 0.00	37.82 2.66 0.00	38.96 2.40 0.00	38.93 2.16 0.00	39.46 2.04 0.00	47.90 2.54 0.00	25.88 1.49 0.00	30.88 1.73 0.00	26.14 1.31 0.00
ARTHUR_KILL_2 23512	19.33 1.23 -2.74	8.92 0.61 0.00	16.04 1.06 0.00	16.11 1.05 0.00	17.46 1.14 0.00	17.87 1.12 0.00	24.17 1.51 0.00	24.92 1.69 0.00	23.90 1.72 0.00	23.07 1.85 0.00	31.98 2.47 0.00	32.44 2.52 0.00	28.84 2.26 0.00	25.63 1.94 0.00	25.07 1.84 0.00	31.89 2.22 0.00	37.71 2.56 0.00	38.84 2.29 0.00	38.81 2.04 0.00	39.35 1.92 0.00	47.76 2.40 0.00	25.81 1.42 0.00	30.80 1.65 0.00	26.08 1.24 0.00
ARTHUR_KILL_3 23513	19.25 1.14 -2.74	8.89 0.58 0.00	15.97 0.99 0.00	16.05 0.98 0.00	17.39 1.07 0.00	17.79 1.04 0.00	24.06 1.39 0.00	24.77 1.55 0.00	23.82 1.64 0.00	22.89 1.67 0.00	31.86 2.36 0.00	32.32 2.40 0.00	28.71 2.13 0.00	25.59 1.89 0.00	25.04 1.81 0.00	31.90 2.23 0.00	37.54 2.38 0.00	38.84 2.28 0.00	38.73 1.95 0.00	39.37 1.94 0.00	47.75 2.39 0.00	25.63 1.24 0.00	30.59 1.44 0.00	25.89 1.05 0.00

ARTHUR_KILL_COGEN 323718	19.38 1.27 -2.74	8.94 0.63 0.00	16.08 1.10 0.00	16.16 1.09 0.00	17.51 1.18 0.00	17.92 1.16 0.00	24.24 1.58 0.00	24.98 1.76 0.00	23.96 1.78 0.00	23.13 1.91 0.00	32.06 2.56 0.00	32.52 2.60 0.00	28.91 2.32 0.00	25.69 2.00 0.00	25.14 1.90 0.00	31.97 2.30 0.00	37.82 2.66 0.00	38.96 2.40 0.00	38.93 2.16 0.00	39.46 2.04 0.00	47.90 2.54 0.00	25.88 1.49 0.00	30.88 1.73 0.00	26.14 1.31 0.00
ASHOKAN____ 23654	-12.23 0.73 28.33	8.67 0.36 0.00	15.65 0.68 0.00	15.79 0.72 0.00	17.08 0.76 0.00	17.53 0.77 0.00	23.74 1.08 0.00	24.44 1.22 0.00	23.46 1.28 0.00	22.40 1.17 0.00	30.69 1.19 0.00	30.92 1.00 0.00	27.39 0.80 0.00	24.47 0.77 0.00	23.94 0.71 0.00	30.59 0.92 0.00	36.37 1.21 0.00	38.13 1.57 0.00	38.43 1.66 0.00	39.09 1.66 0.00	47.43 2.06 0.00	25.44 1.04 0.00	30.24 1.09 0.00	25.63 0.80 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.23 1.12 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.33 1.01 0.00	17.74 0.99 0.00	23.97 1.31 0.00	24.74 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.36 0.00	28.70 2.11 0.00	25.53 1.84 0.00	25.02 1.78 0.00	31.83 2.17 0.00	37.45 2.29 0.00	38.66 2.11 0.01	38.64 1.87 0.00	39.34 1.91 0.00	47.71 2.35 0.00	25.62 1.23 0.00	30.67 1.52 0.00	25.95 1.11 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.23 1.12 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.33 1.01 0.00	17.74 0.99 0.00	23.97 1.31 0.00	24.74 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.36 0.00	28.70 2.11 0.00	25.53 1.84 0.00	25.02 1.78 0.00	31.83 2.17 0.00	37.45 2.29 0.00	38.66 2.11 0.01	38.64 1.87 0.00	39.34 1.91 0.00	47.71 2.35 0.00	25.62 1.23 0.00	30.67 1.52 0.00	25.95 1.11 0.00
ASTORIA_GT2_1 24094	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT2_2 24095	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT2_3 24096	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT2_4 24097	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT3_1 24098	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT3_2 24099	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT3_3 24100	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT3_4 24101	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT4_1 24102	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT4_2 24103	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT4_3 24104	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00

ASTORIA_GT4_4 24105	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.32 0.00	24.75 1.52 0.00	23.81 1.63 0.00	22.89 1.67 0.00	31.81 2.31 0.00	32.28 2.35 0.00	28.70 2.12 0.00	25.54 1.85 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.32 0.00	38.67 2.12 0.01	38.67 1.90 0.00	39.36 1.93 0.00	47.74 2.38 0.00	25.63 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA_GT_1 23523	19.26 1.15 -2.74	8.88 0.57 0.00	15.94 0.97 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.77 1.01 0.00	24.02 1.36 0.00	24.79 1.57 0.00	23.86 1.68 0.00	22.94 1.72 0.00	31.88 2.38 0.00	32.35 2.42 0.00	28.75 2.17 0.00	25.59 1.89 0.00	25.07 1.84 0.00	31.91 2.24 0.00	37.55 2.39 0.00	38.75 2.20 0.01	38.74 1.97 0.00	39.44 2.01 0.00	47.82 2.46 0.00	25.68 1.29 0.00	30.73 1.58 0.00	25.99 1.15 0.00
ASTORIA_GT_10 24110	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.09 1.43 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.77 0.00	31.96 2.46 0.00	32.43 2.51 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.02 2.35 0.00	37.68 2.52 0.00	38.92 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
ASTORIA_GT_11 24225	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.09 1.43 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.77 0.00	31.96 2.46 0.00	32.43 2.51 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.02 2.35 0.00	37.68 2.52 0.00	38.92 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
ASTORIA_GT_12 24226	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.09 1.43 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.77 0.00	31.96 2.46 0.00	32.43 2.51 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.02 2.35 0.00	37.68 2.52 0.00	38.92 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
ASTORIA_GT_13 24227	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.09 1.43 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.77 0.00	31.96 2.46 0.00	32.43 2.51 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.02 2.35 0.00	37.68 2.52 0.00	38.92 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
ASTORIA_GT_5 24106	19.26 1.15 -2.74	8.88 0.56 0.00	15.94 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.77 1.01 0.00	24.01 1.35 0.00	24.79 1.57 0.00	23.86 1.68 0.00	22.93 1.71 0.00	31.87 2.36 0.00	32.33 2.41 0.00	28.75 2.17 0.00	25.59 1.89 0.00	25.07 1.84 0.00	31.91 2.24 0.00	37.55 2.39 0.00	38.75 2.20 0.01	38.74 1.97 0.00	39.44 2.01 0.00	47.82 2.46 0.00	25.68 1.29 0.00	30.73 1.58 0.00	25.98 1.15 0.00
ASTORIA_GT_7 24107	19.26 1.15 -2.74	8.88 0.56 0.00	15.94 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.77 1.01 0.00	24.01 1.35 0.00	24.79 1.57 0.00	23.86 1.68 0.00	22.93 1.71 0.00	31.87 2.36 0.00	32.33 2.41 0.00	28.75 2.17 0.00	25.59 1.89 0.00	25.07 1.84 0.00	31.91 2.24 0.00	37.55 2.39 0.00	38.75 2.20 0.01	38.74 1.97 0.00	39.44 2.01 0.00	47.82 2.46 0.00	25.68 1.29 0.00	30.73 1.58 0.00	25.98 1.15 0.00
ASTORIA_GT_8 24108	19.26 1.15 -2.74	8.88 0.56 0.00	15.94 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.77 1.01 0.00	24.01 1.35 0.00	24.79 1.57 0.00	23.86 1.68 0.00	22.93 1.71 0.00	31.87 2.36 0.00	32.33 2.41 0.00	28.75 2.17 0.00	25.59 1.89 0.00	25.07 1.84 0.00	31.91 2.24 0.00	37.55 2.39 0.00	38.75 2.20 0.01	38.74 1.97 0.00	39.44 2.01 0.00	47.82 2.46 0.00	25.68 1.29 0.00	30.73 1.58 0.00	25.98 1.15 0.00
ASTORIA___2 24149	19.24 1.13 -2.74	8.86 0.55 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.02 0.00	17.74 0.99 0.00	23.98 1.31 0.00	24.75 1.52 0.00	23.82 1.64 0.00	22.90 1.67 0.00	31.82 2.32 0.00	32.29 2.37 0.00	28.70 2.12 0.00	25.54 1.84 0.00	25.02 1.79 0.00	31.85 2.18 0.00	37.48 2.31 0.00	38.67 2.12 0.01	38.67 1.89 0.00	39.36 1.93 0.00	47.73 2.38 0.00	25.64 1.25 0.00	30.67 1.53 0.00	25.95 1.11 0.00
ASTORIA___3 23516	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.78 0.00	31.98 2.47 0.00	32.44 2.52 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.01 2.35 0.00	37.68 2.52 0.00	38.91 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
ASTORIA___4 23517	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.09 1.43 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.77 0.00	31.96 2.46 0.00	32.43 2.51 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.02 2.35 0.00	37.68 2.52 0.00	38.92 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
ASTORIA___5 23518	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.78 0.00	31.98 2.47 0.00	32.44 2.52 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.01 2.35 0.00	37.68 2.52 0.00	38.91 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
AST_ENERGY_2_CC3 323677	19.27 1.15 -2.74	8.90 0.59 0.00	15.99 1.01 0.00	16.07 1.00 0.00	17.41 1.09 0.00	17.82 1.07 0.00	24.06 1.40 0.00	24.80 1.58 0.00	23.86 1.68 0.00	22.96 1.73 0.00	31.91 2.40 0.00	32.37 2.44 0.00	28.77 2.18 0.00	25.64 1.95 0.00	25.10 1.87 0.00	31.97 2.30 0.00	37.63 2.47 0.00	38.90 2.35 0.00	38.79 2.02 0.00	39.42 1.99 0.00	47.82 2.46 0.00	25.68 1.28 0.00	30.64 1.49 0.00	25.93 1.10 0.00
AST_ENERGY_2_CC4 323678	19.27 1.15 -2.74	8.90 0.59 0.00	15.99 1.01 0.00	16.07 1.00 0.00	17.41 1.09 0.00	17.82 1.07 0.00	24.06 1.40 0.00	24.80 1.58 0.00	23.86 1.68 0.00	22.96 1.73 0.00	31.91 2.40 0.00	32.37 2.44 0.00	28.77 2.18 0.00	25.64 1.95 0.00	25.10 1.87 0.00	31.97 2.30 0.00	37.63 2.47 0.00	38.90 2.35 0.00	38.79 2.02 0.00	39.42 1.99 0.00	47.82 2.46 0.00	25.68 1.28 0.00	30.64 1.49 0.00	25.93 1.10 0.00

ATHENS_STG_1 23668	15.89 0.52 0.00	8.59 0.28 0.00	15.48 0.51 0.00	15.59 0.52 0.00	16.88 0.56 0.00	17.27 0.52 0.00	23.30 0.64 0.00	23.94 0.71 0.00	22.97 0.79 0.00	22.03 0.80 0.00	30.52 1.02 0.00	30.92 1.00 0.00	27.46 0.88 0.00	24.49 0.80 0.00	24.01 0.78 0.00	30.61 0.94 0.00	36.17 1.01 0.00	37.52 0.96 0.00	37.57 0.80 0.00	38.22 0.79 0.00	46.39 1.03 0.00	24.92 0.52 0.00	29.71 0.56 0.00	25.21 0.37 0.00
ATHENS_STG_2 23670	15.89 0.52 0.00	8.59 0.28 0.00	15.48 0.51 0.00	15.59 0.52 0.00	16.88 0.56 0.00	17.27 0.52 0.00	23.30 0.64 0.00	23.94 0.71 0.00	22.97 0.79 0.00	22.03 0.80 0.00	30.52 1.02 0.00	30.92 1.00 0.00	27.46 0.88 0.00	24.49 0.80 0.00	24.01 0.78 0.00	30.61 0.94 0.00	36.17 1.01 0.00	37.52 0.96 0.00	37.57 0.80 0.00	38.22 0.79 0.00	46.39 1.03 0.00	24.92 0.52 0.00	29.71 0.56 0.00	25.21 0.37 0.00
ATHENS_STG_3 23677	15.89 0.52 0.00	8.59 0.28 0.00	15.48 0.51 0.00	15.59 0.52 0.00	16.88 0.56 0.00	17.27 0.52 0.00	23.30 0.64 0.00	23.94 0.71 0.00	22.97 0.79 0.00	22.03 0.80 0.00	30.52 1.02 0.00	30.92 1.00 0.00	27.46 0.88 0.00	24.49 0.80 0.00	24.01 0.78 0.00	30.61 0.94 0.00	36.17 1.01 0.00	37.52 0.96 0.00	37.57 0.80 0.00	38.22 0.79 0.00	46.39 1.03 0.00	24.92 0.52 0.00	29.71 0.56 0.00	25.21 0.37 0.00
AUBURN___LFGE 323710	14.75 -0.26 0.36	8.18 -0.13 0.00	14.72 -0.26 0.00	14.82 -0.25 0.00	16.05 -0.27 0.00	16.49 -0.26 0.00	22.37 -0.29 0.00	23.01 -0.22 0.00	21.96 -0.22 0.00	20.92 -0.31 0.00	29.05 -0.45 0.00	29.60 -0.32 0.00	26.28 -0.31 0.00	23.45 -0.24 0.00	23.02 -0.21 0.00	29.43 -0.24 0.00	34.91 -0.25 0.00	36.16 -0.40 0.00	36.40 -0.37 0.00	37.07 -0.36 0.00	44.82 -0.55 0.00	24.07 -0.32 0.00	28.81 -0.34 0.00	24.53 -0.30 0.00
BABYLON_RES_REC 323704	19.41 1.30 -2.74	8.99 0.68 0.00	16.11 1.13 0.00	16.23 1.17 0.00	17.48 1.16 0.00	17.82 1.07 0.00	24.04 1.38 0.00	24.70 1.47 0.00	23.97 1.79 0.00	23.26 2.04 0.00	32.43 2.93 0.00	32.91 2.99 0.00	29.23 2.64 0.00	25.72 2.03 0.00	25.20 1.97 0.00	32.17 2.50 0.00	37.62 2.46 0.00	38.70 2.14 0.00	38.61 1.84 0.00	39.12 1.69 0.00	47.56 2.20 0.00	25.81 1.42 0.00	30.87 1.73 0.00	26.05 1.22 0.00
BABYLON__69_KV_BK2 356345	19.55 1.44 -2.74	9.07 0.76 0.00	16.25 1.27 0.00	16.37 1.31 0.00	17.62 1.30 0.00	17.96 1.20 0.00	24.25 1.58 0.00	24.89 1.67 0.00	24.17 2.00 0.00	23.48 2.26 0.00	32.72 3.21 0.00	33.21 3.29 0.00	29.49 2.90 0.00	25.94 2.24 0.00	25.42 2.20 0.00	32.47 2.80 0.00	37.96 2.80 0.00	39.04 2.48 0.00	38.99 2.21 0.00	39.49 2.06 0.00	48.01 2.65 0.00	26.07 1.68 0.00	31.18 2.03 0.00	26.30 1.47 0.00
BALL_HILL_WT_PWR 323825	12.73 -1.39 1.25	7.65 -0.67 0.00	13.64 -1.33 0.00	13.76 -1.31 0.00	14.87 -1.45 0.00	15.24 -1.52 0.00	20.86 -1.80 0.00	21.39 -1.83 0.00	17.19 -1.63 3.36	19.55 -1.68 0.00	27.40 -2.10 0.00	28.00 -1.92 0.00	24.80 -1.79 0.00	22.00 -1.70 0.00	21.55 -1.68 0.00	27.72 -1.95 0.00	32.93 -2.23 0.00	34.23 -2.33 0.00	34.58 -2.19 0.00	35.45 -1.98 0.00	42.58 -2.79 0.00	22.80 -1.59 0.00	27.89 -1.26 0.00	24.01 -0.82 0.00
BARON_WINDS___WT_PWR 323822	12.05 -1.30 2.03	7.64 -0.67 0.00	13.66 -1.31 0.00	13.77 -1.29 0.00	14.98 -1.34 0.00	15.38 -1.38 0.00	20.97 -1.70 0.00	21.49 -1.71 0.02	2.05 -1.54 18.59	19.65 -1.58 0.00	27.38 -2.12 0.00	27.82 -2.11 0.00	24.71 -1.88 0.00	22.06 -1.64 0.00	21.61 -1.62 0.00	27.83 -1.84 0.00	32.99 -2.17 0.00	34.23 -2.32 0.00	34.72 -2.06 0.00	35.65 -1.78 0.00	42.95 -2.42 0.00	22.98 -1.41 0.00	27.79 -1.36 0.00	23.79 -1.04 0.00
BARRETT_IC_1 23704	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_10 23701	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_11 23702	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_12 23703	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_2 23705	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_3 23706	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_4 23707	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00

BARRETT_IC_5 23708	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_6 23709	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_7 23710	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.97 0.00	16.08 1.01 0.00	17.34 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.05 2.55 0.00	32.53 2.61 0.00	28.88 2.29 0.00	25.53 1.83 0.00	24.97 1.74 0.00	31.84 2.18 0.00	37.22 2.06 0.00	38.40 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.11 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_8 23711	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT_IC_9 23700	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT___1 23545	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BARRETT___2 23546	19.25 1.14 -2.74	8.90 0.59 0.00	15.95 0.98 0.00	16.08 1.01 0.00	17.35 1.02 0.00	17.72 0.96 0.00	23.82 1.16 0.00	24.45 1.23 0.00	23.66 1.48 0.00	22.90 1.68 0.00	32.07 2.57 0.00	32.54 2.61 0.00	28.89 2.30 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.22 2.06 0.00	38.39 1.84 0.00	38.24 1.47 0.00	38.74 1.31 0.00	47.10 1.75 0.00	25.52 1.13 0.00	30.56 1.41 0.00	25.80 0.97 0.00
BATAVIA___115KV_TB1 55881	13.39 -1.03 0.95	7.81 -0.50 0.00	13.96 -1.01 0.00	14.04 -1.03 0.00	15.19 -1.13 0.00	15.60 -1.16 0.00	21.42 -1.25 0.00	22.00 -1.22 0.00	19.29 -1.07 1.83	20.10 -1.12 0.00	28.12 -1.38 0.00	28.66 -1.26 0.00	25.27 -1.32 0.00	22.25 -1.45 0.00	21.94 -1.29 0.00	28.16 -1.51 0.00	33.46 -1.70 0.00	34.87 -1.68 0.00	35.28 -1.49 0.00	35.93 -1.50 0.00	43.05 -2.31 0.00	23.10 -1.29 0.00	28.19 -0.96 0.00	24.30 -0.53 0.00
BAYONEEC___CTG1 323682	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG10 323750	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG2 323683	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG3 323684	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG4 323685	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG5 323686	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG6 323687	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00

BAYONEEC___CTG7 323688	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG8 323689	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BAYONEEC___CTG9 323749	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.10 1.44 0.00	24.83 1.61 0.00	23.89 1.71 0.00	22.98 1.75 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.81 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.94 2.38 0.00	38.84 2.07 0.00	39.48 2.05 0.00	47.88 2.52 0.00	25.71 1.32 0.00	30.68 1.53 0.00	25.96 1.13 0.00
BEACON___LESR 323632	-63.92 0.64 79.94	8.63 0.32 0.00	15.57 0.60 0.00	15.71 0.65 0.00	16.99 0.67 0.00	17.44 0.68 0.00	23.58 0.91 0.00	24.26 1.04 0.00	23.23 1.05 0.00	22.19 0.96 0.00	30.71 1.21 0.00	31.05 1.13 0.00	27.53 0.95 0.00	24.64 0.94 0.00	24.16 0.93 0.00	30.79 1.12 0.00	36.46 1.30 0.00	38.07 1.51 0.00	38.06 1.29 0.00	38.75 1.32 0.00	47.05 1.69 0.00	25.18 0.79 0.00	30.06 0.91 0.00	25.43 0.60 0.00
BEAVER RIVER___HYD 24048	22.67 -0.12 -7.42	10.91 -0.10 -2.70	21.26 -0.21 -6.50	23.74 -0.34 -9.02	25.26 -0.32 -9.26	25.08 -0.25 -8.58	32.39 -0.19 -9.93	33.33 0.04 -10.07	32.77 0.42 -10.17	31.64 0.01 -10.41	41.65 -0.01 -12.15	41.01 -0.46 -11.54	36.97 -0.33 -10.72	33.38 -0.32 -10.01	30.37 -0.24 -7.38	29.54 -0.13 0.00	35.38 0.22 0.00	36.99 0.44 0.00	38.15 1.37 0.00	39.01 1.58 0.00	47.32 1.96 0.00	25.46 1.07 0.00	30.62 1.47 0.00	26.06 1.23 0.00
BEEBEE_GT_13 23619	13.77 -0.87 0.73	7.89 -0.42 0.00	14.14 -0.84 0.00	14.21 -0.85 0.00	15.39 -0.93 0.00	15.80 -0.95 0.00	21.56 -1.10 0.00	22.13 -1.10 0.00	21.17 -1.01 0.00	20.22 -1.00 0.00	28.20 -1.31 0.00	28.69 -1.23 0.00	25.42 -1.17 0.00	22.55 -1.15 0.00	22.12 -1.11 0.00	28.31 -1.36 0.00	33.60 -1.56 0.00	34.97 -1.59 0.00	35.32 -1.45 0.00	35.96 -1.47 0.00	43.27 -2.09 0.00	23.23 -1.16 0.00	28.10 -1.05 0.00	24.11 -0.72 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.41 1.31 -2.74	8.97 0.66 0.00	16.11 1.13 0.00	16.19 1.12 0.00	17.53 1.21 0.00	17.95 1.20 0.00	24.28 1.62 0.00	25.05 1.82 0.00	24.05 1.87 0.00	23.19 1.96 0.00	32.25 2.74 0.00	32.73 2.80 0.00	29.09 2.51 0.00	25.91 2.21 0.00	25.37 2.14 0.00	32.28 2.61 0.00	38.04 2.88 0.00	39.30 2.75 0.00	39.23 2.46 0.00	39.88 2.45 0.00	48.37 3.00 0.00	25.98 1.59 0.00	30.98 1.83 0.00	26.21 1.38 0.00
BETHLEHEM___GRP 23843	-25.30 0.47 41.14	8.55 0.23 0.00	15.42 0.45 0.00	15.58 0.51 0.00	16.83 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.68 0.00	22.91 0.73 0.00	21.92 0.69 0.00	30.31 0.81 0.00	30.70 0.78 0.00	27.29 0.70 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.41 0.74 0.00	35.96 0.80 0.00	37.40 0.84 0.00	37.49 0.71 0.00	38.14 0.71 0.00	46.34 0.98 0.00	24.89 0.50 0.00	29.64 0.50 0.00	25.20 0.37 0.00
BETHLEHEM___GS1 323560	-25.30 0.47 41.14	8.55 0.23 0.00	15.42 0.45 0.00	15.58 0.51 0.00	16.83 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.68 0.00	22.91 0.73 0.00	21.92 0.70 0.00	30.31 0.80 0.00	30.70 0.78 0.00	27.29 0.70 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.41 0.74 0.00	35.96 0.80 0.00	37.40 0.84 0.00	37.49 0.71 0.00	38.14 0.71 0.00	46.34 0.98 0.00	24.89 0.50 0.00	29.64 0.50 0.00	25.20 0.37 0.00
BETHLEHEM___GS2 323561	-25.30 0.47 41.14	8.55 0.23 0.00	15.42 0.45 0.00	15.58 0.51 0.00	16.83 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.68 0.00	22.91 0.73 0.00	21.92 0.70 0.00	30.31 0.80 0.00	30.70 0.78 0.00	27.29 0.70 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.41 0.74 0.00	35.96 0.80 0.00	37.40 0.84 0.00	37.49 0.71 0.00	38.14 0.71 0.00	46.34 0.98 0.00	24.89 0.50 0.00	29.64 0.50 0.00	25.20 0.37 0.00
BETHLEHEM___GS3 323562	-25.30 0.47 41.14	8.55 0.23 0.00	15.42 0.45 0.00	15.58 0.51 0.00	16.83 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.68 0.00	22.91 0.73 0.00	21.92 0.70 0.00	30.31 0.80 0.00	30.70 0.78 0.00	27.29 0.70 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.41 0.74 0.00	35.96 0.80 0.00	37.40 0.84 0.00	37.49 0.71 0.00	38.14 0.71 0.00	46.34 0.98 0.00	24.89 0.50 0.00	29.64 0.50 0.00	25.20 0.37 0.00
BETHLEHEM___STEEL 23779	12.82 -1.34 1.21	7.66 -0.65 0.00	13.68 -1.29 0.00	13.78 -1.29 0.00	14.90 -1.42 0.00	15.27 -1.48 0.00	20.93 -1.73 0.00	21.45 -1.77 0.00	17.26 -1.58 3.34	19.59 -1.63 0.00	27.47 -2.03 0.00	28.02 -1.90 0.00	24.82 -1.77 0.00	22.00 -1.70 0.00	21.53 -1.70 0.00	27.68 -1.99 0.00	32.86 -2.30 0.00	34.18 -2.38 0.00	34.56 -2.21 0.00	35.32 -2.11 0.00	42.34 -3.02 0.00	22.72 -1.67 0.00	27.81 -1.34 0.00	24.03 -0.81 0.00
BETHLHEM_115KV_TB1 79974	-22.89 0.47 38.73	8.55 0.24 0.00	15.43 0.46 0.00	15.58 0.51 0.00	16.84 0.51 0.00	17.24 0.49 0.00	23.30 0.63 0.00	23.91 0.69 0.00	22.91 0.73 0.00	21.93 0.70 0.00	30.33 0.82 0.00	30.72 0.79 0.00	27.31 0.72 0.00	24.38 0.68 0.00	23.91 0.68 0.00	30.42 0.76 0.00	35.98 0.82 0.00	37.42 0.86 0.00	37.52 0.74 0.00	38.16 0.73 0.00	46.38 1.02 0.00	24.90 0.51 0.00	29.67 0.52 0.00	25.22 0.39 0.00
BETHPAGE_CC_5 323564	19.39 1.28 -2.74	8.98 0.67 0.00	16.09 1.11 0.00	16.21 1.15 0.00	17.47 1.15 0.00	17.83 1.08 0.00	24.05 1.39 0.00	24.71 1.48 0.00	23.94 1.76 0.00	23.21 1.99 0.00	32.37 2.87 0.00	32.86 2.94 0.00	29.18 2.59 0.00	25.75 2.05 0.00	25.23 1.99 0.00	32.14 2.47 0.00	37.61 2.45 0.00	38.71 2.16 0.00	38.61 1.84 0.00	39.14 1.71 0.00	47.57 2.21 0.00	25.80 1.41 0.00	30.85 1.71 0.00	26.05 1.22 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.86 -1.28 1.23	7.70 -0.61 0.00	13.74 -1.23 0.00	13.84 -1.23 0.00	14.97 -1.35 0.00	15.35 -1.41 0.00	21.01 -1.65 0.00	21.53 -1.69 0.00	17.55 -1.48 3.15	19.68 -1.55 0.00	27.59 -1.91 0.00	28.15 -1.77 0.00	24.93 -1.65 0.00	22.12 -1.58 0.00	21.64 -1.59 0.00	27.82 -1.85 0.00	33.03 -2.13 0.00	34.36 -2.20 0.00	34.74 -2.03 0.00	35.50 -1.93 0.00	42.59 -2.78 0.00	22.85 -1.55 0.00	27.95 -1.19 0.00	24.13 -0.70 0.00

BINGHAMTON___COGEN 23790	14.71 -0.23 0.43	8.21 -0.10 0.00	14.77 -0.21 0.00	14.88 -0.19 0.00	16.13 -0.19 0.00	16.56 -0.20 0.00	22.47 -0.19 0.00	23.03 -0.19 0.00	22.09 -0.09 0.00	21.07 -0.15 0.00	29.25 -0.26 0.00	29.68 -0.25 0.00	26.32 -0.26 0.00	23.46 -0.23 0.00	22.97 -0.26 0.00	29.43 -0.24 0.00	34.87 -0.29 0.00	36.16 -0.40 0.00	36.41 -0.37 0.00	37.17 -0.26 0.00	45.01 -0.35 0.00	24.15 -0.25 0.00	28.98 -0.17 0.00	24.65 -0.19 0.00
BIXINCNT_115KV_LOAD 355685	12.62 -1.41 1.35	7.66 -0.65 0.00	13.54 -1.44 0.00	13.71 -1.36 0.00	14.87 -1.46 0.00	15.21 -1.55 0.00	20.52 -2.14 0.00	20.93 -2.29 0.00	18.15 -1.91 2.11	19.10 -2.12 0.00	26.92 -2.58 0.00	27.65 -2.28 0.00	24.69 -1.90 0.00	22.12 -1.58 0.00	21.54 -1.69 0.00	27.77 -1.89 0.00	33.38 -1.78 0.00	34.55 -2.01 0.00	34.79 -1.99 0.00	35.71 -1.72 0.00	43.02 -2.34 0.00	23.08 -1.32 0.00	28.21 -0.93 0.00	24.33 -0.50 0.00
BLACK RIVER___HYD 24047	20.39 -0.16 -5.18	10.06 -0.14 -1.89	19.19 -0.32 -4.54	20.93 -0.43 -6.30	22.36 -0.43 -6.47	22.37 -0.37 -5.99	29.26 -0.33 -6.93	30.10 -0.15 -7.03	29.37 0.09 -7.10	28.32 -0.16 -7.27	37.72 -0.27 -8.49	37.26 -0.72 -8.06	33.47 -0.60 -7.48	30.17 -0.52 -6.99	27.91 -0.48 -5.15	29.11 -0.56 0.00	34.99 -0.16 0.00	36.61 0.05 0.00	37.82 1.05 0.00	38.69 1.25 0.00	47.02 1.66 0.00	25.29 0.90 0.00	30.41 1.27 0.00	25.86 1.02 0.00
BLACKRVR_115KV_TB2 79977	20.39 -0.16 -5.18	10.06 -0.14 -1.89	19.19 -0.32 -4.54	20.93 -0.43 -6.30	22.36 -0.43 -6.47	22.37 -0.37 -5.99	29.26 -0.33 -6.93	30.10 -0.15 -7.03	29.37 0.09 -7.10	28.32 -0.16 -7.27	37.72 -0.26 -8.49	37.26 -0.72 -8.06	33.47 -0.60 -7.48	30.17 -0.51 -6.99	27.91 -0.47 -5.15	29.11 -0.56 0.00	34.99 -0.16 0.00	36.61 0.05 0.00	37.82 1.05 0.00	38.69 1.26 0.00	47.02 1.66 0.00	25.29 0.90 0.00	30.41 1.26 0.00	25.85 1.02 0.00
BLISS_WT_PWR 323608	12.51 -1.51 1.35	7.61 -0.70 0.00	13.42 -1.56 0.00	13.59 -1.47 0.00	14.75 -1.57 0.00	15.08 -1.68 0.00	20.26 -2.40 0.00	20.64 -2.59 0.00	17.91 -2.15 2.11	18.83 -2.40 0.00	26.59 -2.91 0.00	27.36 -2.56 0.00	24.47 -2.12 0.00	21.98 -1.71 0.00	21.38 -1.85 0.00	27.61 -2.06 0.00	33.29 -1.88 0.00	34.44 -2.11 0.00	34.64 -2.13 0.00	35.58 -1.85 0.00	42.89 -2.47 0.00	23.00 -1.39 0.00	28.11 -1.03 0.00	24.27 -0.56 0.00
BLUESTONE___WT_PWR 323821	15.97 -0.08 -0.68	8.29 -0.02 0.00	14.89 -0.09 0.00	15.04 -0.03 0.00	16.35 0.03 0.00	17.04 0.29 0.00	23.15 0.49 0.00	23.21 -0.01 0.00	22.16 -0.02 0.00	21.24 0.01 0.00	29.13 -0.38 0.00	29.50 -0.42 0.00	26.09 -0.49 0.00	23.29 -0.41 0.00	22.91 -0.32 0.00	29.37 -0.30 0.00	35.05 -0.12 0.00	36.55 0.00 0.00	37.12 0.34 0.00	37.55 0.12 0.00	45.77 0.41 0.00	24.42 0.02 0.00	29.12 -0.03 0.00	24.56 -0.27 0.00
BLUE_CIRC_CHEM_DRP 24182	-22.85 0.58 38.80	8.62 0.31 0.00	15.55 0.57 0.00	15.68 0.62 0.00	16.96 0.64 0.00	17.39 0.63 0.00	23.49 0.83 0.00	24.10 0.87 0.00	23.08 0.90 0.00	22.04 0.82 0.00	30.34 0.84 0.00	30.72 0.80 0.00	27.29 0.71 0.00	24.36 0.66 0.00	23.88 0.65 0.00	30.43 0.76 0.00	36.13 0.96 0.00	37.65 1.09 0.00	37.80 1.03 0.00	38.47 1.04 0.00	46.73 1.37 0.00	25.10 0.71 0.00	29.92 0.77 0.00	25.43 0.60 0.00
BOC_GAS_DRP 24189	-9.50 0.45 25.33	8.54 0.23 0.00	15.41 0.44 0.00	15.53 0.47 0.00	16.81 0.49 0.00	17.21 0.46 0.00	23.25 0.59 0.00	23.86 0.63 0.00	22.86 0.68 0.00	21.89 0.67 0.00	30.30 0.80 0.00	30.70 0.78 0.00	27.28 0.69 0.00	24.35 0.65 0.00	23.87 0.64 0.00	30.42 0.75 0.00	35.97 0.81 0.00	37.37 0.81 0.00	37.47 0.70 0.00	38.13 0.70 0.00	46.30 0.93 0.00	24.88 0.48 0.00	29.65 0.51 0.00	25.20 0.37 0.00
BOONVILLE_115KV_TB1 79983	18.27 0.10 -2.81	9.37 0.04 -1.02	17.49 0.06 -2.46	18.48 0.00 -3.42	19.86 0.03 -3.50	20.08 0.08 -3.25	26.61 0.19 -3.76	27.36 0.33 -3.81	26.60 0.57 -3.85	25.46 0.30 -3.94	34.47 0.37 -4.60	34.41 0.13 -4.37	30.87 0.23 -4.06	27.65 0.17 -3.79	26.26 0.23 -2.79	30.05 0.38 0.00	35.75 0.59 0.00	37.22 0.66 0.00	37.83 1.05 0.00	38.56 1.13 0.00	46.70 1.34 0.00	25.11 0.71 0.00	30.07 0.92 0.00	25.59 0.75 0.00
BORALEX_4TH_BRANCH 23824	53.46 1.09 -37.00	8.87 0.55 0.00	15.95 0.98 0.00	16.06 1.00 0.00	17.40 1.08 0.00	17.92 1.16 0.00	24.22 1.56 0.00	24.82 1.59 0.00	23.82 1.65 0.00	22.82 1.59 0.00	31.49 1.99 0.00	31.82 1.90 0.00	28.15 1.57 0.00	25.15 1.46 0.00	24.64 1.41 0.00	31.36 1.69 0.00	36.90 1.74 0.00	38.45 1.89 0.00	38.47 1.69 0.00	39.13 1.71 0.00	47.93 2.57 0.00	25.77 1.38 0.00	30.62 1.48 0.00	25.96 1.13 0.00
BOWLINE___1 23526	18.93 0.98 -2.58	8.81 0.50 0.00	15.83 0.85 0.00	15.91 0.84 0.00	17.24 0.92 0.00	17.64 0.89 0.00	23.86 1.20 0.00	24.55 1.32 0.00	23.58 1.40 0.00	22.67 1.44 0.00	31.51 2.01 0.00	31.96 2.04 0.00	28.40 1.81 0.00	25.30 1.60 0.00	24.77 1.54 0.00	31.59 1.92 0.00	37.23 2.07 0.00	38.58 2.02 0.00	38.50 1.73 0.00	39.15 1.72 0.00	47.48 2.12 0.00	25.44 1.05 0.00	30.36 1.21 0.00	25.71 0.88 0.00
BOWLINE___2 23595	18.93 0.98 -2.58	8.81 0.50 0.00	15.83 0.86 0.00	15.91 0.85 0.00	17.24 0.92 0.00	17.64 0.89 0.00	23.86 1.20 0.00	24.55 1.32 0.00	23.58 1.40 0.00	22.67 1.44 0.00	31.51 2.01 0.00	31.96 2.04 0.00	28.40 1.81 0.00	25.30 1.60 0.00	24.77 1.54 0.00	31.59 1.92 0.00	37.23 2.07 0.00	38.58 2.02 0.00	38.50 1.73 0.00	39.15 1.72 0.00	47.48 2.12 0.00	25.44 1.05 0.00	30.36 1.21 0.00	25.71 0.88 0.00
BRADY___115KV_TB2 356060	35.87 0.86 -19.63	15.91 0.44 -7.15	32.94 0.75 -17.22	39.63 0.67 -23.89	41.61 0.77 -24.52	40.50 1.02 -22.72	50.75 1.80 -26.29	52.00 2.12 -26.66	51.07 1.96 -26.93	50.45 1.67 -27.56	64.05 2.36 -32.19	62.23 1.73 -30.58	56.20 1.24 -28.38	51.38 1.18 -26.50	43.71 0.93 -19.55	31.77 2.11 0.00	38.26 3.10 0.00	40.45 3.89 0.00	41.66 4.89 0.00	42.45 5.02 0.00	51.34 5.98 0.00	27.49 3.10 0.00	32.86 3.71 0.00	27.92 3.08 0.00
BRANSCOMB___SOLAR 323811	45.66 0.86 -29.43	8.74 0.43 0.00	15.77 0.80 0.00	15.88 0.82 0.00	17.21 0.89 0.00	17.69 0.93 0.00	23.96 1.30 0.00	24.62 1.39 0.00	23.58 1.40 0.00	22.48 1.26 0.00	30.88 1.38 0.00	31.39 1.47 0.00	27.77 1.19 0.00	24.80 1.10 0.00	24.23 1.00 0.00	30.96 1.29 0.00	36.88 1.73 0.00	38.40 1.84 0.00	38.53 1.76 0.00	39.17 1.74 0.00	47.59 2.24 0.00	25.56 1.17 0.00	30.46 1.31 0.00	25.82 0.99 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.50 1.39 -2.74	9.05 0.74 0.00	16.21 1.23 0.00	16.35 1.28 0.00	17.59 1.27 0.00	17.89 1.14 0.00	24.15 1.49 0.00	24.76 1.54 0.00	24.05 1.87 0.00	23.40 2.17 0.00	32.59 3.09 0.00	33.10 3.18 0.00	29.40 2.81 0.00	25.86 2.17 0.00	25.33 2.10 0.00	32.34 2.67 0.00	37.79 2.63 0.00	38.76 2.21 0.00	38.72 1.94 0.00	39.22 1.79 0.00	47.71 2.35 0.00	25.90 1.51 0.00	31.02 1.87 0.00	26.19 1.35 0.00

BRISTLHL_115KV_TB1 79998	15.00 -0.37 0.00	8.12 -0.20 0.00	14.61 -0.36 0.00	14.70 -0.37 0.00	15.93 -0.39 0.00	16.35 -0.40 0.00	22.11 -0.55 0.00	22.65 -0.58 0.00	21.68 -0.50 0.00	20.71 -0.51 0.00	28.69 -0.81 0.00	29.08 -0.84 0.00	25.83 -0.75 0.00	23.04 -0.66 0.00	22.60 -0.62 0.00	28.83 -0.83 0.00	34.20 -0.96 0.00	35.54 -1.02 0.00	35.80 -0.97 0.00	36.44 -0.98 0.00	44.09 -1.27 0.00	23.71 -0.68 0.00	28.33 -0.82 0.00	24.15 -0.68 0.00
BROOKHAVEN___DRP 24191	19.44 1.33 -2.74	9.01 0.70 0.00	16.13 1.16 0.00	16.27 1.20 0.00	17.49 1.17 0.00	17.80 1.05 0.00	24.01 1.35 0.00	24.58 1.36 0.00	23.96 1.78 0.00	23.29 2.07 0.00	32.39 2.89 0.00	32.91 2.99 0.00	29.21 2.62 0.00	25.65 1.95 0.00	25.10 1.88 0.00	32.03 2.36 0.00	37.33 2.17 0.00	38.24 1.68 0.00	38.20 1.42 0.00	38.69 1.26 0.00	47.10 1.74 0.00	25.83 1.44 0.00	30.88 1.74 0.00	26.06 1.22 0.00
BROOKLYN_NAVY_YARD 23515	19.24 1.13 -2.74	8.89 0.58 0.00	15.96 0.99 0.00	16.04 0.98 0.00	17.38 1.06 0.00	17.80 1.04 0.00	24.04 1.38 0.00	24.78 1.56 0.00	23.84 1.65 0.00	22.93 1.70 0.00	31.89 2.39 0.00	32.35 2.43 0.00	28.75 2.16 0.00	25.62 1.92 0.00	25.08 1.85 0.00	31.94 2.27 0.00	37.60 2.44 0.00	38.86 2.31 0.00	38.77 1.99 0.00	39.41 1.98 0.00	47.82 2.46 0.00	25.66 1.27 0.00	30.64 1.49 0.00	25.93 1.09 0.00
BROOKLYN___ARMY_DRP 323595	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.93 1.75 0.00	23.06 1.84 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
BROOKVLE_69_KV_TB1 55790	19.35 1.24 -2.74	8.96 0.64 0.00	16.06 1.08 0.00	16.17 1.10 0.00	17.46 1.14 0.00	17.86 1.10 0.00	24.11 1.45 0.00	24.81 1.58 0.00	23.96 1.79 0.00	23.14 1.92 0.00	32.24 2.74 0.00	32.71 2.78 0.00	29.06 2.47 0.00	25.78 2.08 0.00	25.25 2.02 0.00	32.21 2.54 0.00	37.79 2.63 0.00	39.00 2.44 0.00	38.92 2.14 0.00	39.48 2.05 0.00	47.94 2.57 0.00	25.83 1.44 0.00	30.85 1.70 0.00	26.07 1.24 0.00
BROOME_2_LFGE 323671	14.71 -0.24 0.43	8.21 -0.10 0.00	14.77 -0.21 0.00	14.88 -0.19 0.00	16.13 -0.19 0.00	16.56 -0.20 0.00	22.46 -0.20 0.00	23.02 -0.20 0.00	22.08 -0.10 0.00	21.06 -0.16 0.00	29.23 -0.27 0.00	29.67 -0.25 0.00	26.31 -0.27 0.00	23.46 -0.24 0.00	22.97 -0.26 0.00	29.43 -0.23 0.00	34.87 -0.29 0.00	36.15 -0.40 0.00	36.41 -0.37 0.00	37.17 -0.26 0.00	45.01 -0.35 0.00	24.15 -0.25 0.00	28.98 -0.17 0.00	24.65 -0.19 0.00
BROOME___LFGE 323600	14.71 -0.24 0.43	8.21 -0.10 0.00	14.77 -0.21 0.00	14.88 -0.19 0.00	16.13 -0.19 0.00	16.56 -0.20 0.00	22.46 -0.20 0.00	23.02 -0.20 0.00	22.08 -0.10 0.00	21.06 -0.16 0.00	29.23 -0.27 0.00	29.67 -0.25 0.00	26.31 -0.27 0.00	23.46 -0.24 0.00	22.97 -0.26 0.00	29.43 -0.23 0.00	34.87 -0.29 0.00	36.15 -0.40 0.00	36.41 -0.37 0.00	37.17 -0.26 0.00	45.01 -0.35 0.00	24.15 -0.25 0.00	28.98 -0.17 0.00	24.65 -0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	28.77 0.07 -13.32	13.18 0.01 -4.85	26.64 -0.02 -11.68	31.15 -0.13 -16.21	32.86 -0.10 -16.64	32.19 0.02 -15.42	40.75 0.25 -17.84	41.80 0.48 -18.09	41.14 0.68 -18.28	40.27 0.34 -18.70	51.85 0.51 -21.84	50.73 0.05 -20.75	45.87 0.03 -19.26	41.70 0.01 -17.98	36.52 0.02 -13.26	30.09 0.42 0.00	36.06 0.90 0.00	37.85 1.29 0.00	38.98 2.21 0.00	39.80 2.37 0.00	48.26 2.90 0.00	25.94 1.54 0.00	31.13 1.98 0.00	26.47 1.64 0.00
BROWNSV1_27_KV_LOAD 356125	19.42 1.30 -2.74	8.98 0.67 0.00	16.12 1.15 0.00	16.20 1.14 0.00	17.55 1.23 0.00	17.97 1.22 0.00	24.30 1.64 0.00	25.06 1.83 0.00	24.11 1.93 0.00	23.19 1.97 0.00	32.25 2.75 0.00	32.72 2.80 0.00	29.08 2.49 0.00	25.92 2.22 0.00	25.38 2.14 0.00	32.34 2.67 0.00	38.07 2.91 0.00	39.35 2.79 0.00	39.25 2.48 0.00	39.89 2.46 0.00	48.37 3.01 0.00	25.95 1.56 0.00	30.98 1.83 0.00	26.19 1.36 0.00
BURROWS___LYONSDAL 23803	19.08 0.00 -3.71	9.65 -0.02 -1.35	18.19 -0.04 -3.25	19.45 -0.12 -4.51	20.86 -0.10 -4.63	20.99 -0.05 -4.29	27.65 0.03 -4.97	28.46 0.20 -5.04	27.80 0.53 -5.09	26.62 0.19 -5.21	35.80 0.22 -6.08	35.60 -0.10 -5.77	31.98 0.04 -5.36	28.69 -0.01 -5.01	27.00 0.07 -3.69	29.87 0.20 0.00	35.58 0.42 0.00	37.08 0.52 0.00	37.83 1.06 0.00	38.60 1.18 0.00	46.79 1.42 0.00	25.16 0.77 0.00	30.18 1.04 0.00	25.69 0.85 0.00
CAITHNESS_CC_1 323624	19.41 1.30 -2.74	9.00 0.68 0.00	16.11 1.14 0.00	16.25 1.19 0.00	17.47 1.15 0.00	17.78 1.02 0.00	23.97 1.31 0.00	24.54 1.32 0.00	23.92 1.74 0.00	23.25 2.03 0.00	32.34 2.85 0.00	32.86 2.94 0.00	29.17 2.59 0.00	25.63 1.93 0.00	25.10 1.87 0.00	32.00 2.33 0.00	37.32 2.16 0.00	38.23 1.67 0.00	38.19 1.41 0.00	38.66 1.24 0.00	47.09 1.73 0.00	25.77 1.38 0.00	30.82 1.67 0.00	26.01 1.18 0.00
CALPINE BETH_PAGE_GT4 24209	19.38 1.27 -2.74	8.98 0.66 0.00	16.07 1.10 0.00	16.20 1.14 0.00	17.46 1.14 0.00	17.82 1.07 0.00	24.04 1.38 0.00	24.70 1.48 0.00	23.93 1.75 0.00	23.19 1.97 0.00	32.33 2.83 0.00	32.82 2.89 0.00	29.15 2.57 0.00	25.74 2.04 0.00	25.21 1.98 0.00	32.08 2.42 0.00	37.54 2.38 0.00	38.66 2.10 0.00	38.56 1.78 0.00	39.09 1.66 0.00	47.52 2.16 0.00	25.80 1.40 0.00	30.84 1.70 0.00	26.05 1.22 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.38 1.27 -2.74	8.98 0.66 0.00	16.08 1.10 0.00	16.20 1.14 0.00	17.46 1.14 0.00	17.83 1.07 0.00	24.04 1.38 0.00	24.70 1.48 0.00	23.94 1.76 0.00	23.19 1.97 0.00	32.35 2.84 0.00	32.83 2.91 0.00	29.16 2.57 0.00	25.74 2.04 0.00	25.21 1.98 0.00	32.08 2.41 0.00	37.55 2.38 0.00	38.66 2.10 0.00	38.56 1.78 0.00	39.09 1.66 0.00	47.52 2.16 0.00	25.80 1.40 0.00	30.84 1.70 0.00	26.05 1.22 0.00
CALPINE_BP_GT1 23823	19.38 1.27 -2.74	8.98 0.66 0.00	16.08 1.10 0.00	16.20 1.14 0.00	17.46 1.14 0.00	17.83 1.07 0.00	24.04 1.38 0.00	24.70 1.48 0.00	23.94 1.76 0.00	23.19 1.97 0.00	32.35 2.84 0.00	32.83 2.91 0.00	29.16 2.57 0.00	25.74 2.04 0.00	25.21 1.98 0.00	32.08 2.41 0.00	37.55 2.38 0.00	38.66 2.10 0.00	38.56 1.78 0.00	39.09 1.66 0.00	47.52 2.16 0.00	25.80 1.40 0.00	30.84 1.70 0.00	26.05 1.22 0.00
CALSPAN___DRP 24200	12.82 -1.34 1.21	7.66 -0.65 0.00	13.68 -1.29 0.00	13.78 -1.29 0.00	14.90 -1.42 0.00	15.27 -1.48 0.00	20.93 -1.73 0.00	21.45 -1.77 0.00	17.26 -1.58 3.34	19.59 -1.63 0.00	27.47 -2.03 0.00	28.02 -1.90 0.00	24.82 -1.77 0.00	22.00 -1.70 0.00	21.53 -1.70 0.00	27.68 -1.99 0.00	32.86 -2.30 0.00	34.18 -2.38 0.00	34.56 -2.21 0.00	35.32 -2.11 0.00	42.34 -3.02 0.00	22.72 -1.67 0.00	27.81 -1.34 0.00	24.03 -0.81 0.00

CALVERTON___SOLAR 323806	19.46 1.35 -2.74	9.01 0.70 0.00	16.15 1.18 0.00	16.28 1.21 0.00	17.51 1.19 0.00	17.82 1.06 0.00	24.04 1.38 0.00	24.62 1.39 0.00	23.99 1.81 0.00	23.32 2.10 0.00	32.46 2.96 0.00	32.98 3.05 0.00	29.26 2.67 0.00	25.65 1.96 0.00	25.12 1.89 0.00	32.05 2.38 0.00	37.34 2.18 0.00	38.24 1.68 0.00	38.21 1.44 0.00	38.69 1.26 0.00	47.12 1.76 0.00	25.89 1.49 0.00	30.93 1.79 0.00	26.08 1.25 0.00
CANDIGU_WT_PWR 323617	12.05 -1.30 2.03	7.64 -0.67 0.00	13.66 -1.31 0.00	13.77 -1.29 0.00	14.98 -1.34 0.00	15.38 -1.38 0.00	20.97 -1.70 0.00	21.49 -1.71 0.02	2.05 -1.54 18.59	19.65 -1.58 0.00	27.38 -2.12 0.00	27.82 -2.11 0.00	24.71 -1.88 0.00	22.06 -1.64 0.00	21.61 -1.62 0.00	27.83 -1.84 0.00	32.99 -2.17 0.00	34.23 -2.32 0.00	34.72 -2.06 0.00	35.65 -1.78 0.00	42.95 -2.42 0.00	22.98 -1.41 0.00	27.79 -1.36 0.00	23.79 -1.04 0.00
CARR STREET_E_SYR 24060	15.08 -0.30 0.00	8.16 -0.15 0.00	14.68 -0.29 0.00	14.77 -0.29 0.00	16.00 -0.32 0.00	16.44 -0.32 0.00	22.26 -0.40 0.00	22.80 -0.42 0.00	21.84 -0.34 0.00	20.86 -0.36 0.00	28.90 -0.61 0.00	29.32 -0.60 0.00	26.04 -0.55 0.00	23.22 -0.48 0.00	22.78 -0.45 0.00	29.07 -0.60 0.00	34.47 -0.69 0.00	35.81 -0.75 0.00	36.04 -0.74 0.00	36.68 -0.75 0.00	44.36 -1.00 0.00	23.85 -0.54 0.00	28.52 -0.63 0.00	24.31 -0.53 0.00
CARTHAGE___PAPER 23857	21.37 -0.05 -6.04	10.44 -0.07 -2.20	20.09 -0.18 -5.30	22.12 -0.30 -7.35	23.58 -0.28 -7.54	23.54 -0.21 -6.99	30.64 -0.11 -8.09	31.54 0.10 -8.20	30.87 0.40 -8.29	29.74 0.03 -8.48	39.46 0.05 -9.90	38.94 -0.39 -9.41	35.02 -0.30 -8.73	31.57 -0.28 -8.16	29.04 -0.20 -6.02	29.54 -0.12 0.00	35.46 0.30 0.00	37.09 0.53 0.00	38.28 1.51 0.00	39.14 1.71 0.00	47.52 2.16 0.00	25.56 1.17 0.00	30.73 1.58 0.00	26.14 1.31 0.00
CASSADAGA_WT_PWR 323784	12.48 -1.54 1.36	7.55 -0.76 0.00	13.54 -1.44 0.00	13.65 -1.41 0.00	14.72 -1.60 0.00	14.99 -1.77 0.00	20.47 -2.20 0.00	21.13 -2.09 0.00	18.05 -1.83 2.30	19.37 -1.85 0.00	27.16 -2.34 0.00	27.91 -2.01 0.00	24.81 -1.77 0.00	22.01 -1.69 0.00	21.64 -1.59 0.00	27.95 -1.72 0.00	33.42 -1.75 0.00	34.77 -1.79 0.00	35.06 -1.71 0.00	35.98 -1.45 0.00	43.24 -2.12 0.00	23.12 -1.27 0.00	28.29 -0.86 0.00	24.23 -0.60 0.00
CE_DUNWOOD___DRP 24194	19.15 1.05 -2.73	8.85 0.54 0.00	15.90 0.92 0.00	15.98 0.92 0.00	17.31 0.99 0.00	17.72 0.97 0.00	23.95 1.29 0.00	24.67 1.44 0.00	23.72 1.54 0.00	22.81 1.59 0.00	31.71 2.21 0.00	32.16 2.24 0.00	28.57 1.98 0.00	25.46 1.76 0.00	24.93 1.70 0.00	31.78 2.11 0.00	37.44 2.28 0.00	38.74 2.19 0.00	38.68 1.90 0.00	39.31 1.88 0.00	47.68 2.32 0.00	25.57 1.18 0.00	30.51 1.37 0.00	25.83 1.00 0.00
CE_MILLWOOD___DRP 24193	19.10 1.02 -2.71	8.83 0.52 0.00	15.87 0.89 0.00	15.95 0.89 0.00	17.28 0.96 0.00	17.69 0.94 0.00	23.91 1.25 0.00	24.62 1.39 0.00	23.67 1.49 0.00	22.76 1.54 0.00	31.63 2.12 0.00	32.07 2.15 0.00	28.49 1.90 0.00	25.39 1.70 0.00	24.87 1.64 0.00	31.70 2.03 0.00	37.35 2.19 0.00	38.67 2.12 0.00	38.60 1.83 0.00	39.24 1.81 0.00	47.60 2.24 0.00	25.53 1.13 0.00	30.46 1.31 0.00	25.78 0.95 0.00
CE_NYC2_DRP 24202	19.30 1.18 -2.74	8.92 0.60 0.00	16.01 1.04 0.00	16.10 1.03 0.00	17.44 1.12 0.00	17.85 1.09 0.00	24.11 1.45 0.00	24.86 1.64 0.00	23.91 1.73 0.00	23.02 1.79 0.00	31.99 2.49 0.00	32.46 2.54 0.00	28.86 2.27 0.00	25.70 2.01 0.00	25.17 1.94 0.00	32.05 2.38 0.00	37.73 2.57 0.00	38.96 2.40 0.00	38.87 2.09 0.00	39.53 2.10 0.00	47.96 2.59 0.00	25.75 1.35 0.00	30.71 1.57 0.00	25.98 1.15 0.00
CE_NYC_DRP 24195	19.30 1.19 -2.74	8.92 0.61 0.00	16.02 1.05 0.00	16.10 1.04 0.00	17.45 1.13 0.00	17.86 1.10 0.00	24.14 1.48 0.00	24.88 1.66 0.00	23.94 1.76 0.00	23.03 1.81 0.00	32.03 2.52 0.00	32.49 2.57 0.00	28.87 2.29 0.00	25.74 2.04 0.00	25.20 1.97 0.00	32.10 2.43 0.00	37.79 2.63 0.00	39.06 2.50 0.00	38.96 2.18 0.00	39.58 2.15 0.00	48.00 2.64 0.00	25.76 1.36 0.00	30.74 1.59 0.00	26.01 1.18 0.00
CHAFFEE___LFGE 323603	12.87 -1.22 1.28	7.73 -0.59 0.00	13.79 -1.18 0.00	13.88 -1.18 0.00	15.03 -1.29 0.00	15.41 -1.34 0.00	21.12 -1.54 0.00	21.66 -1.56 0.00	18.09 -1.37 2.72	19.80 -1.43 0.00	27.77 -1.73 0.00	28.31 -1.61 0.00	25.06 -1.53 0.00	22.22 -1.48 0.00	21.74 -1.49 0.00	27.95 -1.72 0.00	33.18 -1.98 0.00	34.52 -2.04 0.00	34.91 -1.86 0.00	35.71 -1.72 0.00	42.83 -2.53 0.00	22.96 -1.43 0.00	28.08 -1.06 0.00	24.21 -0.63 0.00
CHATEAUG_35_KV_LOAD 355732	-16.56 -0.47 31.46	-3.38 -0.23 11.46	-13.06 -0.45 27.59	-23.71 -0.49 38.28	-23.69 -0.51 39.51	-22.63 -0.40 38.99	-22.90 -0.45 45.11	-22.99 -0.46 45.75	-24.81 -0.63 46.36	-26.62 -0.54 47.30	-26.36 -0.62 55.25	-23.28 -0.72 52.48	-29.71 -0.71 55.58	-43.08 -0.78 65.99	-26.16 -0.72 48.67	29.44 -0.23 0.00	35.19 0.04 0.00	37.04 0.48 0.00	37.71 0.93 0.00	38.50 1.07 0.00	46.80 1.44 0.00	25.23 0.84 0.00	30.17 1.02 0.00	25.85 1.02 0.00
CHATEAUG_WT_PWR 323614	-14.40 -0.56 29.21	-2.59 -0.26 10.64	-11.15 -0.51 25.62	-21.04 -0.56 35.55	-20.97 -0.59 36.71	-20.21 -0.57 36.40	-20.13 -0.68 42.11	-20.19 -0.70 42.71	-21.90 -0.79 43.29	-23.64 -0.70 44.16	-22.98 -0.91 51.58	-20.12 -1.05 49.00	-18.09 -1.02 43.66	-14.39 -1.06 37.03	-5.09 -1.01 27.31	29.35 -0.32 0.00	35.11 -0.05 0.00	37.04 0.48 0.00	37.62 0.84 0.00	38.44 1.01 0.00	46.76 1.40 0.00	25.23 0.84 0.00	30.19 1.05 0.00	25.86 1.03 0.00
CHAT_HIGH_FALL_HYD 323578	-16.56 -0.47 31.46	-3.38 -0.23 11.46	-13.06 -0.45 27.59	-23.71 -0.49 38.28	-23.69 -0.51 39.51	-22.63 -0.40 38.99	-22.90 -0.45 45.11	-22.99 -0.46 45.75	-24.81 -0.63 46.36	-26.62 -0.54 47.30	-26.36 -0.62 55.25	-23.28 -0.72 52.48	-29.71 -0.71 55.58	-43.08 -0.78 65.99	-26.16 -0.72 48.67	29.44 -0.23 0.00	35.19 0.04 0.00	37.04 0.48 0.00	37.71 0.93 0.00	38.50 1.07 0.00	46.80 1.44 0.00	25.23 0.84 0.00	30.17 1.02 0.00	25.85 1.02 0.00
CHAUTAUQUA___LFGE 323629	12.69 -1.38 1.30	7.65 -0.66 0.00	13.66 -1.32 0.00	13.79 -1.28 0.00	14.89 -1.43 0.00	15.24 -1.52 0.00	20.85 -1.81 0.00	21.41 -1.81 0.00	17.74 -1.60 2.83	19.58 -1.64 0.00	27.46 -2.04 0.00	28.10 -1.82 0.00	24.88 -1.71 0.00	22.09 -1.61 0.00	21.64 -1.59 0.00	27.86 -1.80 0.00	33.15 -2.01 0.00	34.48 -2.08 0.00	34.84 -1.93 0.00	35.79 -1.64 0.00	42.99 -2.37 0.00	22.99 -1.40 0.00	28.10 -1.05 0.00	24.14 -0.69 0.00
CHERRYST_13_KV_LD 356241	19.35 1.24 -2.74	8.94 0.63 0.00	16.06 1.08 0.00	16.14 1.08 0.00	17.49 1.17 0.00	17.90 1.15 0.00	24.21 1.55 0.00	24.96 1.74 0.00	24.02 1.84 0.00	23.11 1.89 0.00	32.14 2.64 0.00	32.61 2.69 0.00	28.98 2.39 0.00	25.83 2.14 0.00	25.29 2.06 0.00	32.22 2.55 0.00	37.92 2.76 0.00	39.20 2.64 0.00	39.08 2.30 0.00	39.69 2.26 0.00	48.13 2.76 0.00	25.82 1.43 0.00	30.81 1.66 0.00	26.08 1.24 0.00

CHESTROR_138KV_BK263 355645	18.74 0.99 -2.38	8.82 0.51 0.00	15.85 0.88 0.00	15.93 0.87 0.00	17.26 0.94 0.00	17.68 0.92 0.00	23.92 1.26 0.00	24.61 1.39 0.00	23.65 1.46 0.00	22.71 1.49 0.00	31.52 2.02 0.00	31.88 1.96 0.00	28.32 1.73 0.00	25.25 1.55 0.00	24.73 1.50 0.00	31.56 1.89 0.00	37.27 2.11 0.00	38.69 2.14 0.00	38.67 1.90 0.00	39.31 1.88 0.00	47.66 2.30 0.00	25.54 1.14 0.00	30.46 1.31 0.00	25.79 0.96 0.00
CH_MIDHUDSON___DRP 24192	18.57 0.98 -2.21	8.81 0.50 0.00	15.84 0.86 0.00	15.92 0.85 0.00	17.25 0.93 0.00	17.68 0.92 0.00	23.89 1.23 0.00	24.60 1.38 0.00	23.65 1.47 0.00	22.72 1.50 0.00	31.54 2.04 0.00	31.93 2.01 0.00	28.36 1.78 0.00	25.29 1.59 0.00	24.79 1.56 0.00	31.59 1.92 0.00	37.25 2.09 0.00	38.63 2.07 0.00	38.60 1.82 0.00	39.23 1.80 0.00	47.57 2.21 0.00	25.52 1.12 0.00	30.41 1.26 0.00	25.74 0.90 0.00
CH_MISC_IPPS 23765	16.43 1.06 0.00	8.85 0.54 0.00	15.91 0.94 0.00	16.00 0.93 0.00	17.33 1.01 0.00	17.76 1.01 0.00	24.02 1.36 0.00	24.74 1.52 0.00	23.78 1.59 0.00	22.84 1.62 0.00	31.70 2.20 0.00	32.09 2.17 0.00	28.50 1.92 0.00	25.41 1.72 0.00	24.91 1.68 0.00	31.79 2.12 0.00	37.52 2.36 0.00	38.90 2.34 0.00	38.87 2.10 0.00	39.51 2.08 0.00	47.87 2.51 0.00	25.67 1.27 0.00	30.60 1.45 0.00	25.89 1.06 0.00
CH_RES_BVR_FALLS 23983	13.98 -0.33 1.07	7.73 -0.19 0.39	13.74 -0.30 0.93	13.41 -0.36 1.30	14.61 -0.39 1.33	15.16 -0.36 1.23	20.75 -0.48 1.43	21.26 -0.51 1.45	20.06 -0.53 1.59	19.21 -0.52 1.50	27.10 -0.66 1.75	27.54 -0.72 1.66	24.53 -0.51 1.54	21.76 -0.50 1.44	21.70 -0.47 1.06	29.19 -0.48 0.00	34.67 -0.49 0.00	36.13 -0.43 0.00	36.57 -0.20 0.00	37.32 -0.11 0.00	45.22 -0.14 0.00	24.32 -0.07 0.00	29.18 0.03 0.00	24.99 0.16 0.00
CH_RES_NIAGARA 23895	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.71 0.00	14.44 -1.89 0.00	14.79 -1.96 0.00	20.29 -2.37 0.00	20.76 -2.46 0.00	17.25 -2.34 2.59	18.91 -2.32 0.00	26.50 -3.01 0.00	27.04 -2.88 0.00	23.96 -2.62 0.00	21.18 -2.52 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
CH_RES_SYRACUSE 23985	15.14 -0.23 0.00	8.20 -0.11 0.00	14.75 -0.22 0.00	14.84 -0.22 0.00	16.08 -0.24 0.00	16.52 -0.23 0.00	22.38 -0.29 0.00	22.94 -0.28 0.00	21.95 -0.23 0.00	20.96 -0.26 0.00	29.05 -0.45 0.00	29.49 -0.43 0.00	26.18 -0.41 0.00	23.35 -0.34 0.00	22.91 -0.32 0.00	29.26 -0.41 0.00	34.69 -0.46 0.00	36.04 -0.52 0.00	36.27 -0.50 0.00	36.90 -0.53 0.00	44.64 -0.72 0.00	23.99 -0.40 0.00	28.68 -0.47 0.00	24.43 -0.40 0.00
CLINTON_WT_PWR 323605	-14.40 -0.56 29.21	-2.59 -0.26 10.64	-11.15 -0.51 25.62	-21.04 -0.56 35.55	-20.97 -0.59 36.71	-20.21 -0.57 36.40	-20.13 -0.68 42.11	-20.19 -0.70 42.71	-21.90 -0.79 43.29	-23.64 -0.70 44.16	-22.98 -0.91 51.58	-20.12 -1.05 49.00	-18.09 -1.02 43.66	-14.39 -1.06 37.03	-5.09 -1.01 27.31	29.35 -0.32 0.00	35.11 -0.05 0.00	37.04 0.48 0.00	37.62 0.84 0.00	38.44 1.01 0.00	46.76 1.40 0.00	25.23 0.84 0.00	30.19 1.05 0.00	25.86 1.03 0.00
CLINTON___LFGE 323618	-14.79 -0.36 29.80	-2.72 -0.18 10.85	-11.49 -0.33 26.13	-21.58 -0.38 36.27	-21.53 -0.40 37.46	-20.98 -0.46 37.27	-20.92 -0.46 43.12	-20.95 -0.44 43.74	-22.57 -0.42 44.32	-24.32 -0.32 45.22	-23.85 -0.54 52.81	-21.03 -0.78 50.17	-21.99 -0.91 47.67	-24.07 -0.99 46.78	-12.21 -0.93 34.50	29.88 0.21 0.00	35.79 0.63 0.00	37.85 1.29 0.00	38.36 1.59 0.00	39.18 1.75 0.00	47.77 2.41 0.00	25.78 1.38 0.00	30.82 1.67 0.00	26.43 1.60 0.00
COBBLENY_34_KV_TB1 80064	12.87 -1.22 1.28	7.73 -0.59 0.00	13.80 -1.17 0.00	13.89 -1.18 0.00	15.03 -1.29 0.00	15.41 -1.34 0.00	21.12 -1.54 0.00	21.67 -1.55 0.00	18.09 -1.37 2.72	19.79 -1.43 0.00	27.76 -1.75 0.00	28.30 -1.62 0.00	25.06 -1.53 0.00	22.22 -1.48 0.00	21.74 -1.49 0.00	27.96 -1.71 0.00	33.18 -1.98 0.00	34.52 -2.04 0.00	34.92 -1.86 0.00	35.71 -1.72 0.00	42.82 -2.54 0.00	22.96 -1.43 0.00	28.08 -1.07 0.00	24.21 -0.63 0.00
COFFEEN___115KV_TB3 355620	20.34 -0.06 -5.02	10.06 -0.09 -1.83	19.16 -0.22 -4.41	20.85 -0.33 -6.11	22.28 -0.31 -6.27	22.32 -0.25 -5.81	29.23 -0.16 -6.73	30.09 0.04 -6.82	29.32 0.25 -6.89	28.28 0.01 -7.05	37.70 -0.03 -8.23	37.22 -0.53 -7.82	33.39 -0.45 -7.26	30.14 -0.34 -6.78	27.89 -0.34 -5.00	29.25 -0.42 0.00	35.26 0.10 0.00	36.91 0.35 0.00	38.11 1.34 0.00	38.97 1.54 0.00	47.33 1.97 0.00	25.44 1.05 0.00	30.57 1.43 0.00	25.98 1.14 0.00
COLDSPRG_115KV_BK1 355956	12.95 -0.99 1.44	7.84 -0.47 0.00	14.03 -0.94 0.00	14.16 -0.91 0.00	15.32 -1.00 0.00	15.69 -1.06 0.00	21.48 -1.19 0.00	22.10 -1.12 0.00	19.84 -0.88 1.46	20.21 -1.01 0.00	28.33 -1.18 0.00	28.99 -0.93 0.00	25.72 -0.86 0.00	22.89 -0.81 0.00	22.39 -0.84 0.00	28.84 -0.82 0.00	34.25 -0.91 0.00	35.52 -1.03 0.00	35.86 -0.92 0.00	36.81 -0.62 0.00	44.34 -1.03 0.00	23.74 -0.65 0.00	29.03 -0.11 0.00	24.84 0.01 0.00
COLONIE_LFGE___ 323577	56.47 0.75 -40.35	8.69 0.38 0.00	15.66 0.69 0.00	15.77 0.70 0.00	17.08 0.76 0.00	17.55 0.80 0.00	23.74 1.08 0.00	24.37 1.15 0.00	23.36 1.18 0.00	22.32 1.10 0.00	30.82 1.32 0.00	31.24 1.31 0.00	27.71 1.12 0.00	24.73 1.04 0.00	24.23 1.00 0.00	30.89 1.23 0.00	36.56 1.40 0.00	38.05 1.50 0.00	38.13 1.35 0.00	38.80 1.36 0.00	47.21 1.85 0.00	25.36 0.97 0.00	30.19 1.04 0.00	25.63 0.79 0.00
COOPERNY_115KV_TB1 80082	15.90 0.53 0.00	8.59 0.28 0.00	15.46 0.48 0.00	15.54 0.48 0.00	16.84 0.52 0.00	17.26 0.51 0.00	23.34 0.68 0.00	23.96 0.74 0.00	22.97 0.79 0.00	22.03 0.81 0.00	30.57 1.06 0.00	31.00 1.08 0.00	27.54 0.95 0.00	24.54 0.84 0.00	24.05 0.82 0.00	30.69 1.02 0.00	36.29 1.13 0.00	37.66 1.10 0.00	37.74 0.97 0.00	38.38 0.95 0.00	46.53 1.17 0.00	24.97 0.58 0.00	29.81 0.66 0.00	25.30 0.47 0.00
COPENHAGEN_WT_PWR 323753	19.82 -0.30 -4.75	9.81 -0.24 -1.73	18.63 -0.51 -4.17	20.23 -0.62 -5.78	21.62 -0.64 -5.94	21.65 -0.60 -5.50	28.36 -0.66 -6.36	29.17 -0.50 -6.45	28.44 -0.26 -6.52	27.42 -0.47 -6.67	36.57 -0.72 -7.79	36.19 -1.13 -7.40	32.51 -0.95 -6.87	29.28 -0.83 -6.41	27.19 -0.77 -4.73	28.71 -0.96 0.00	34.49 -0.67 0.00	36.05 -0.50 0.00	37.34 0.57 0.00	38.23 0.81 0.00	46.56 1.20 0.00	25.06 0.67 0.00	30.17 1.03 0.00	25.68 0.84 0.00
CORNELL_____ 23752	21.81 0.00 -6.45	8.32 0.00 0.00	14.96 -0.02 0.00	15.06 0.00 0.00	16.33 0.01 0.00	16.80 0.04 0.00	22.81 0.15 0.00	23.40 0.17 0.00	23.68 0.25 -1.25	21.29 0.06 0.00	29.48 -0.02 0.00	29.78 -0.14 0.00	26.43 -0.16 0.00	23.58 -0.11 0.00	23.18 -0.05 0.00	29.71 0.04 0.00	35.29 0.13 0.00	36.68 0.12 0.00	36.97 0.20 0.00	37.64 0.21 0.00	45.53 0.17 0.00	24.42 0.03 0.00	29.22 0.07 0.00	24.85 0.01 0.00

CORONA V_69_KV_TB1 355595	19.34 1.22 -2.74	8.95 0.63 0.00	16.03 1.05 0.00	16.15 1.08 0.00	17.43 1.10 0.00	17.82 1.06 0.00	24.02 1.36 0.00	24.68 1.46 0.00	23.86 1.69 0.00	23.07 1.84 0.00	32.20 2.70 0.00	32.67 2.75 0.00	29.02 2.43 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.10 2.43 0.00	37.60 2.44 0.00	38.83 2.27 0.00	38.71 1.93 0.00	39.23 1.80 0.00	47.68 2.32 0.00	25.75 1.36 0.00	30.79 1.64 0.00	26.00 1.16 0.00
CORTLAND_115KV_TB3 80093	17.10 -0.06 -1.79	8.29 -0.02 0.00	14.92 -0.06 0.00	15.02 -0.05 0.00	16.27 -0.05 0.00	16.73 -0.02 0.00	22.69 0.03 0.00	23.28 0.05 0.00	22.31 0.13 0.00	21.25 0.02 0.00	29.47 -0.03 0.00	29.80 -0.12 0.00	26.49 -0.10 0.00	23.63 -0.07 0.00	23.19 -0.04 0.00	29.67 0.00 0.00	35.20 0.04 0.00	36.54 -0.02 0.00	36.79 0.01 0.00	37.47 0.04 0.00	45.34 -0.02 0.00	24.34 -0.05 0.00	29.11 -0.04 0.00	24.77 -0.06 0.00
COXSACKIE___GT 23611	-24.89 0.99 41.25	8.82 0.51 0.00	15.92 0.95 0.00	16.09 1.02 0.00	17.39 1.07 0.00	17.86 1.11 0.00	24.26 1.60 0.00	24.99 1.77 0.00	23.97 1.79 0.00	22.82 1.60 0.00	30.93 1.43 0.00	31.20 1.28 0.00	27.67 1.08 0.00	24.85 1.15 0.00	24.19 0.95 0.00	30.91 1.25 0.00	36.90 1.74 0.00	38.89 2.33 0.00	39.36 2.59 0.00	39.93 2.50 0.00	48.44 3.08 0.00	25.96 1.57 0.00	30.86 1.71 0.00	26.18 1.35 0.00
CPV_VALLEY___CC1 323721	16.11 0.74 0.00	8.69 0.38 0.00	15.63 0.65 0.00	15.72 0.65 0.00	17.03 0.71 0.00	17.44 0.68 0.00	23.57 0.91 0.00	24.24 1.01 0.00	23.26 1.08 0.00	22.34 1.11 0.00	31.02 1.52 0.00	31.44 1.52 0.00	27.93 1.35 0.00	24.91 1.21 0.00	24.40 1.17 0.00	31.12 1.45 0.00	36.73 1.57 0.00	38.09 1.54 0.00	38.08 1.31 0.00	38.72 1.29 0.00	46.95 1.59 0.00	25.18 0.79 0.00	30.04 0.90 0.00	25.47 0.64 0.00
CPV_VALLEY___CC2 323722	16.11 0.74 0.00	8.69 0.38 0.00	15.63 0.65 0.00	15.72 0.65 0.00	17.03 0.71 0.00	17.44 0.68 0.00	23.57 0.91 0.00	24.24 1.01 0.00	23.26 1.08 0.00	22.34 1.11 0.00	31.02 1.52 0.00	31.44 1.52 0.00	27.93 1.35 0.00	24.91 1.21 0.00	24.40 1.17 0.00	31.12 1.45 0.00	36.73 1.57 0.00	38.09 1.54 0.00	38.08 1.31 0.00	38.72 1.29 0.00	46.95 1.59 0.00	25.18 0.79 0.00	30.04 0.90 0.00	25.47 0.64 0.00
CRESCENT___HYD 24018	56.47 0.75 -40.35	8.69 0.38 0.00	15.66 0.69 0.00	15.77 0.70 0.00	17.08 0.76 0.00	17.55 0.80 0.00	23.74 1.08 0.00	24.37 1.15 0.00	23.36 1.18 0.00	22.32 1.10 0.00	30.82 1.32 0.00	31.24 1.31 0.00	27.71 1.12 0.00	24.73 1.04 0.00	24.23 1.00 0.00	30.89 1.23 0.00	36.56 1.40 0.00	38.05 1.50 0.00	38.13 1.35 0.00	38.80 1.36 0.00	47.21 1.85 0.00	25.36 0.97 0.00	30.19 1.04 0.00	25.63 0.79 0.00
CRICKET___VALLEY_CC1 323756	21.06 0.86 -4.82	8.73 0.42 0.00	15.70 0.72 0.00	15.79 0.72 0.00	17.10 0.78 0.00	17.56 0.81 0.00	23.70 1.04 0.00	24.41 1.18 0.00	23.47 1.29 0.00	22.57 1.34 0.00	31.30 1.80 0.00	31.69 1.77 0.00	28.12 1.53 0.00	25.08 1.38 0.00	24.60 1.37 0.00	31.33 1.66 0.00	36.94 1.79 0.00	38.32 1.77 0.00	38.30 1.52 0.00	38.91 1.49 0.00	47.21 1.84 0.00	25.33 0.94 0.00	30.16 1.01 0.00	25.51 0.68 0.00
CRICKET___VALLEY_CC2 323757	21.06 0.86 -4.82	8.73 0.42 0.00	15.70 0.72 0.00	15.79 0.72 0.00	17.10 0.78 0.00	17.56 0.81 0.00	23.70 1.04 0.00	24.41 1.18 0.00	23.47 1.29 0.00	22.57 1.34 0.00	31.30 1.80 0.00	31.69 1.77 0.00	28.12 1.53 0.00	25.08 1.38 0.00	24.60 1.37 0.00	31.33 1.66 0.00	36.94 1.79 0.00	38.32 1.77 0.00	38.30 1.52 0.00	38.91 1.49 0.00	47.21 1.84 0.00	25.33 0.94 0.00	30.16 1.01 0.00	25.51 0.68 0.00
CRICKET___VALLEY_CC3 323758	21.06 0.86 -4.82	8.73 0.42 0.00	15.70 0.72 0.00	15.79 0.72 0.00	17.10 0.78 0.00	17.56 0.81 0.00	23.70 1.04 0.00	24.41 1.18 0.00	23.47 1.29 0.00	22.57 1.34 0.00	31.30 1.80 0.00	31.69 1.77 0.00	28.12 1.53 0.00	25.08 1.38 0.00	24.60 1.37 0.00	31.33 1.66 0.00	36.94 1.79 0.00	38.32 1.77 0.00	38.30 1.52 0.00	38.91 1.49 0.00	47.21 1.84 0.00	25.33 0.94 0.00	30.16 1.01 0.00	25.51 0.68 0.00
CRUCIBLE_METL_DRP 24180	15.15 -0.23 0.00	8.20 -0.11 0.00	14.75 -0.22 0.00	14.84 -0.22 0.00	16.08 -0.24 0.00	16.52 -0.23 0.00	22.38 -0.29 0.00	22.94 -0.28 0.00	21.95 -0.23 0.00	20.96 -0.26 0.00	29.05 -0.45 0.00	29.50 -0.42 0.00	26.18 -0.41 0.00	23.35 -0.35 0.00	22.91 -0.32 0.00	29.26 -0.41 0.00	34.69 -0.46 0.00	36.04 -0.52 0.00	36.27 -0.50 0.00	36.90 -0.53 0.00	44.64 -0.72 0.00	23.99 -0.40 0.00	28.68 -0.47 0.00	24.43 -0.40 0.00
DAHOWA___HYDRO 323763	44.03 0.91 -27.75	8.76 0.45 0.00	15.83 0.85 0.00	15.93 0.86 0.00	17.27 0.94 0.00	17.75 1.00 0.00	24.06 1.39 0.00	24.72 1.50 0.00	23.68 1.50 0.00	22.56 1.34 0.00	30.99 1.49 0.00	31.50 1.58 0.00	27.86 1.27 0.00	24.87 1.17 0.00	24.30 1.07 0.00	31.05 1.38 0.00	37.01 1.85 0.00	38.53 1.98 0.00	38.69 1.91 0.00	39.31 1.89 0.00	47.75 2.39 0.00	25.64 1.25 0.00	30.57 1.42 0.00	25.90 1.07 0.00
DANC___LFGE 323619	18.30 -0.33 -3.26	9.28 -0.22 -1.19	17.38 -0.45 -2.86	18.51 -0.53 -3.97	19.84 -0.55 -4.07	19.99 -0.54 -3.77	26.38 -0.65 -4.36	27.10 -0.55 -4.43	26.29 -0.36 -4.47	25.32 -0.48 -4.58	34.12 -0.73 -5.34	34.00 -1.00 -5.08	30.44 -0.86 -4.71	27.35 -0.74 -4.40	25.77 -0.70 -3.24	28.75 -0.92 0.00	34.38 -0.78 0.00	35.84 -0.71 0.00	36.74 -0.03 0.00	37.53 0.09 0.00	45.59 0.23 0.00	24.54 0.15 0.00	29.48 0.34 0.00	25.10 0.26 0.00
DANSKAMMER___1 23586	16.43 1.06 0.00	8.85 0.54 0.00	15.91 0.94 0.00	16.00 0.93 0.00	17.33 1.01 0.00	17.76 1.01 0.00	24.02 1.36 0.00	24.74 1.52 0.00	23.78 1.59 0.00	22.84 1.62 0.00	31.70 2.20 0.00	32.09 2.17 0.00	28.50 1.92 0.00	25.41 1.72 0.00	24.91 1.68 0.00	31.79 2.12 0.00	37.52 2.36 0.00	38.90 2.34 0.00	38.87 2.10 0.00	39.51 2.08 0.00	47.87 2.51 0.00	25.67 1.27 0.00	30.60 1.45 0.00	25.89 1.06 0.00
DANSKAMMER___2 23589	16.43 1.06 0.00	8.85 0.54 0.00	15.91 0.94 0.00	16.00 0.93 0.00	17.33 1.01 0.00	17.76 1.01 0.00	24.02 1.36 0.00	24.74 1.52 0.00	23.78 1.59 0.00	22.84 1.62 0.00	31.70 2.20 0.00	32.09 2.17 0.00	28.50 1.92 0.00	25.41 1.72 0.00	24.91 1.68 0.00	31.79 2.12 0.00	37.52 2.36 0.00	38.90 2.34 0.00	38.87 2.10 0.00	39.51 2.08 0.00	47.87 2.51 0.00	25.67 1.27 0.00	30.60 1.45 0.00	25.89 1.06 0.00
DANSKAMMER___3 23590	16.43 1.06 0.00	8.85 0.54 0.00	15.91 0.94 0.00	16.00 0.93 0.00	17.33 1.01 0.00	17.76 1.01 0.00	24.02 1.36 0.00	24.74 1.52 0.00	23.78 1.59 0.00	22.84 1.62 0.00	31.70 2.20 0.00	32.09 2.17 0.00	28.50 1.92 0.00	25.41 1.72 0.00	24.91 1.68 0.00	31.79 2.12 0.00	37.52 2.36 0.00	38.90 2.34 0.00	38.87 2.10 0.00	39.51 2.08 0.00	47.87 2.51 0.00	25.67 1.27 0.00	30.60 1.45 0.00	25.89 1.06 0.00

DANSKAMMER___4 23591	16.43 1.06 0.00	8.85 0.54 0.00	15.91 0.94 0.00	16.00 0.93 0.00	17.33 1.01 0.00	17.76 1.01 0.00	24.02 1.36 0.00	24.74 1.52 0.00	23.78 1.59 0.00	22.84 1.62 0.00	31.70 2.20 0.00	32.09 2.17 0.00	28.50 1.92 0.00	25.41 1.72 0.00	24.91 1.68 0.00	31.79 2.12 0.00	37.52 2.36 0.00	38.90 2.34 0.00	38.87 2.10 0.00	39.51 2.08 0.00	47.87 2.51 0.00	25.67 1.27 0.00	30.60 1.45 0.00	25.89 1.06 0.00
DANSKAMMER___DIESEL 23592	16.43 1.06 0.00	8.85 0.54 0.00	15.91 0.94 0.00	16.00 0.93 0.00	17.33 1.01 0.00	17.76 1.01 0.00	24.02 1.36 0.00	24.74 1.51 0.00	23.77 1.59 0.00	22.84 1.62 0.00	31.70 2.19 0.00	32.09 2.16 0.00	28.50 1.91 0.00	25.42 1.72 0.00	24.91 1.68 0.00	31.79 2.12 0.00	37.52 2.36 0.00	38.90 2.34 0.00	38.88 2.10 0.00	39.51 2.08 0.00	47.87 2.51 0.00	25.67 1.28 0.00	30.60 1.45 0.00	25.89 1.06 0.00
DARBY___SOLAR 323810	45.57 0.86 -29.34	8.74 0.43 0.00	15.77 0.79 0.00	15.88 0.81 0.00	17.20 0.88 0.00	17.68 0.93 0.00	23.95 1.29 0.00	24.61 1.38 0.00	23.57 1.40 0.00	22.47 1.25 0.00	30.88 1.38 0.00	31.39 1.47 0.00	27.75 1.17 0.00	24.79 1.09 0.00	24.22 0.99 0.00	30.95 1.28 0.00	36.87 1.72 0.00	38.38 1.82 0.00	38.52 1.75 0.00	39.15 1.72 0.00	47.57 2.21 0.00	25.54 1.15 0.00	30.45 1.30 0.00	25.81 0.98 0.00
DASHVILLE___HYD 23610	5.72 0.72 10.38	8.68 0.37 0.00	15.63 0.65 0.00	15.71 0.65 0.00	17.03 0.71 0.00	17.43 0.67 0.00	23.52 0.85 0.00	24.21 0.98 0.00	23.25 1.08 0.00	22.35 1.13 0.00	31.05 1.55 0.00	31.38 1.46 0.00	27.87 1.28 0.00	24.84 1.15 0.00	24.36 1.13 0.00	31.09 1.42 0.00	36.71 1.55 0.00	38.07 1.51 0.00	38.06 1.28 0.00	38.69 1.26 0.00	46.91 1.55 0.00	25.17 0.78 0.00	30.00 0.86 0.00	25.41 0.57 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.34 1.23 -2.74	8.95 0.64 0.00	16.03 1.06 0.00	16.16 1.10 0.00	17.39 1.06 0.00	17.70 0.95 0.00	23.90 1.24 0.00	24.49 1.26 0.00	23.87 1.69 0.00	23.21 1.99 0.00	32.30 2.79 0.00	32.82 2.89 0.00	29.10 2.51 0.00	25.53 1.83 0.00	24.98 1.75 0.00	31.89 2.23 0.00	37.16 2.00 0.00	38.06 1.50 0.00	38.05 1.28 0.00	38.56 1.13 0.00	47.10 1.73 0.00	25.87 1.48 0.00	30.82 1.68 0.00	25.96 1.12 0.00
DELAWARE___LFGE 323621	15.63 0.26 0.00	8.46 0.15 0.00	15.26 0.28 0.00	15.35 0.28 0.00	16.64 0.32 0.00	17.04 0.29 0.00	23.08 0.42 0.00	23.67 0.45 0.00	22.67 0.49 0.00	21.70 0.47 0.00	30.07 0.56 0.00	30.50 0.58 0.00	27.07 0.49 0.00	24.15 0.44 0.00	23.66 0.43 0.00	30.23 0.56 0.00	35.83 0.67 0.00	37.20 0.64 0.00	37.41 0.64 0.00	38.09 0.66 0.00	46.15 0.80 0.00	24.78 0.38 0.00	29.61 0.46 0.00	25.15 0.32 0.00
DERFIELD_115KV_TB7 355931	15.44 0.07 0.00	8.35 0.03 0.00	15.05 0.07 0.00	15.14 0.07 0.00	16.40 0.08 0.00	16.82 0.07 0.00	22.75 0.09 0.00	23.32 0.10 0.00	22.32 0.13 0.00	21.34 0.12 0.00	29.60 0.10 0.00	30.01 0.09 0.00	26.67 0.08 0.00	23.78 0.08 0.00	23.31 0.08 0.00	29.76 0.09 0.00	35.26 0.10 0.00	36.61 0.06 0.00	36.81 0.04 0.00	37.49 0.06 0.00	45.45 0.09 0.00	24.44 0.05 0.00	29.18 0.03 0.00	24.83 0.00 0.00
DOGLEVILLE___HYD 23807	15.63 0.25 0.00	8.41 0.10 0.00	15.21 0.24 0.00	15.37 0.30 0.00	16.61 0.29 0.00	17.01 0.26 0.00	22.97 0.31 0.00	23.65 0.42 0.00	22.80 0.62 0.00	21.49 0.27 0.00	29.17 -0.33 0.00	29.91 -0.01 0.00	26.29 -0.29 0.00	23.57 -0.12 0.00	23.09 -0.14 0.00	29.61 -0.06 0.00	35.35 0.19 0.00	36.77 0.22 0.00	36.89 0.11 0.00	37.48 0.05 0.00	45.77 0.41 0.00	24.61 0.21 0.00	29.19 0.04 0.00	24.51 -0.32 0.00
DUNKIRK___115KV_TB_200 55889	12.71 -1.36 1.30	7.66 -0.65 0.00	13.68 -1.29 0.00	13.80 -1.26 0.00	14.91 -1.41 0.00	15.26 -1.49 0.00	20.90 -1.76 0.00	21.44 -1.78 0.00	17.72 -1.58 2.88	19.61 -1.61 0.00	27.49 -2.01 0.00	28.13 -1.80 0.00	24.90 -1.69 0.00	22.10 -1.59 0.00	21.64 -1.59 0.00	27.86 -1.81 0.00	33.12 -2.04 0.00	34.44 -2.12 0.00	34.82 -1.96 0.00	35.76 -1.67 0.00	42.97 -2.39 0.00	22.98 -1.42 0.00	28.09 -1.06 0.00	24.13 -0.71 0.00
DUNKIRK___1 23563	12.71 -1.36 1.30	7.66 -0.65 0.00	13.68 -1.29 0.00	13.80 -1.26 0.00	14.91 -1.41 0.00	15.26 -1.49 0.00	20.90 -1.76 0.00	21.44 -1.78 0.00	17.72 -1.58 2.88	19.61 -1.61 0.00	27.49 -2.01 0.00	28.13 -1.80 0.00	24.90 -1.69 0.00	22.10 -1.59 0.00	21.64 -1.59 0.00	27.86 -1.81 0.00	33.12 -2.04 0.00	34.44 -2.12 0.00	34.82 -1.96 0.00	35.76 -1.67 0.00	42.97 -2.39 0.00	22.98 -1.42 0.00	28.09 -1.06 0.00	24.13 -0.71 0.00
DUNKIRK___2 23564	12.71 -1.36 1.30	7.66 -0.65 0.00	13.68 -1.29 0.00	13.80 -1.26 0.00	14.91 -1.41 0.00	15.26 -1.49 0.00	20.90 -1.76 0.00	21.44 -1.78 0.00	17.72 -1.58 2.88	19.61 -1.61 0.00	27.49 -2.01 0.00	28.13 -1.80 0.00	24.90 -1.69 0.00	22.10 -1.59 0.00	21.64 -1.59 0.00	27.86 -1.81 0.00	33.12 -2.04 0.00	34.44 -2.12 0.00	34.82 -1.96 0.00	35.76 -1.67 0.00	42.97 -2.39 0.00	22.98 -1.42 0.00	28.09 -1.06 0.00	24.13 -0.71 0.00
DUNKIRK___3 23565	12.77 -1.33 1.27	7.67 -0.64 0.00	13.70 -1.28 0.00	13.82 -1.24 0.00	14.94 -1.38 0.00	15.31 -1.45 0.00	20.95 -1.72 0.00	21.48 -1.74 0.00	17.44 -1.54 3.19	19.63 -1.59 0.00	27.52 -1.98 0.00	28.13 -1.79 0.00	24.90 -1.68 0.00	22.11 -1.59 0.00	21.64 -1.59 0.00	27.85 -1.82 0.00	33.07 -2.09 0.00	34.37 -2.18 0.00	34.73 -2.05 0.00	35.61 -1.81 0.00	42.80 -2.56 0.00	22.91 -1.48 0.00	28.01 -1.14 0.00	24.08 -0.75 0.00
DUNKIRK___4 23566	12.77 -1.33 1.27	7.67 -0.64 0.00	13.70 -1.28 0.00	13.82 -1.24 0.00	14.94 -1.38 0.00	15.31 -1.45 0.00	20.95 -1.72 0.00	21.48 -1.74 0.00	17.44 -1.54 3.19	19.63 -1.59 0.00	27.52 -1.98 0.00	28.13 -1.79 0.00	24.90 -1.68 0.00	22.11 -1.59 0.00	21.64 -1.59 0.00	27.85 -1.82 0.00	33.07 -2.09 0.00	34.37 -2.18 0.00	34.73 -2.05 0.00	35.61 -1.81 0.00	42.80 -2.56 0.00	22.91 -1.48 0.00	28.01 -1.14 0.00	24.08 -0.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.19 1.07 -2.74	8.86 0.55 0.00	15.92 0.95 0.00	16.01 0.94 0.00	17.34 1.02 0.00	17.75 1.00 0.00	23.99 1.33 0.00	24.71 1.48 0.00	23.76 1.58 0.00	22.86 1.63 0.00	31.78 2.28 0.00	32.23 2.30 0.00	28.63 2.04 0.00	25.51 1.81 0.00	24.98 1.75 0.00	31.84 2.17 0.00	37.50 2.34 0.00	38.79 2.23 0.00	38.71 1.94 0.00	39.35 1.92 0.00	47.74 2.38 0.00	25.61 1.22 0.00	30.57 1.42 0.00	25.88 1.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.34 0.97 0.00	8.81 0.50 0.00	15.83 0.86 0.00	15.91 0.85 0.00	17.24 0.92 0.00	17.66 0.91 0.00	23.88 1.22 0.00	24.59 1.36 0.00	23.62 1.44 0.00	22.69 1.47 0.00	31.50 2.00 0.00	31.89 1.97 0.00	28.33 1.75 0.00	25.25 1.55 0.00	24.75 1.52 0.00	31.57 1.90 0.00	37.27 2.11 0.00	38.66 2.10 0.00	38.63 1.85 0.00	39.27 1.84 0.00	47.59 2.23 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.76 0.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.28 1.17 -2.74	8.89 0.58 0.00	15.97 1.00 0.00	16.06 0.99 0.00	17.40 1.07 0.00	17.80 1.05 0.00	24.07 1.41 0.00	24.82 1.60 0.00	23.87 1.69 0.00	22.96 1.74 0.00	31.90 2.39 0.00	32.36 2.44 0.00	28.77 2.18 0.00	25.61 1.91 0.00	25.09 1.86 0.00	31.94 2.27 0.00	37.60 2.44 0.00	38.85 2.29 0.00	38.84 2.07 0.00	39.51 2.08 0.00	47.90 2.54 0.00	25.72 1.32 0.00	30.70 1.56 0.00	25.96 1.13 0.00
E179THST_13_KV_LOAD 356214	19.34 1.23 -2.74	8.92 0.61 0.00	16.03 1.05 0.00	16.11 1.05 0.00	17.46 1.13 0.00	17.87 1.11 0.00	24.16 1.50 0.00	24.93 1.70 0.00	23.97 1.79 0.00	23.05 1.83 0.00	32.04 2.54 0.00	32.50 2.58 0.00	28.89 2.31 0.00	25.72 2.03 0.00	25.19 1.97 0.00	32.08 2.41 0.00	37.77 2.61 0.00	39.03 2.48 0.00	39.03 2.25 0.00	39.70 2.27 0.00	48.11 2.74 0.00	25.83 1.44 0.00	30.83 1.68 0.00	26.07 1.23 0.00
EAST HAMPTON___GT 23717	19.02 0.91 -2.74	8.78 0.46 0.00	15.72 0.75 0.00	15.85 0.78 0.00	17.05 0.73 0.00	17.37 0.61 0.00	23.45 0.79 0.00	24.04 0.82 0.00	23.45 1.27 0.00	22.81 1.58 0.00	31.75 2.25 0.00	32.27 2.34 0.00	28.60 2.01 0.00	25.07 1.37 0.00	24.52 1.29 0.00	31.30 1.63 0.00	36.50 1.34 0.00	37.40 0.84 0.00	37.41 0.64 0.00	37.94 0.51 0.00	46.58 1.22 0.00	25.55 1.16 0.00	30.33 1.19 0.00	25.52 0.68 0.00
EAST RIVER___6 23660	19.33 1.22 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.17 1.51 0.00	24.93 1.71 0.00	23.99 1.81 0.00	23.09 1.87 0.00	32.11 2.61 0.00	32.59 2.67 0.00	28.96 2.37 0.00	25.82 2.12 0.00	25.28 2.05 0.00	32.20 2.53 0.00	37.90 2.74 0.00	39.18 2.62 0.00	39.06 2.29 0.00	39.67 2.24 0.00	48.09 2.73 0.00	25.80 1.41 0.00	30.78 1.63 0.00	26.05 1.22 0.00
EAST RIVER___7 23524	19.33 1.22 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.17 1.51 0.00	24.93 1.71 0.00	23.99 1.81 0.00	23.09 1.87 0.00	32.11 2.61 0.00	32.59 2.67 0.00	28.96 2.37 0.00	25.82 2.12 0.00	25.28 2.05 0.00	32.20 2.53 0.00	37.90 2.74 0.00	39.18 2.62 0.00	39.06 2.29 0.00	39.67 2.24 0.00	48.09 2.73 0.00	25.80 1.41 0.00	30.78 1.63 0.00	26.05 1.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.15 1.05 -2.73	8.85 0.54 0.00	15.90 0.92 0.00	15.98 0.92 0.00	17.31 0.99 0.00	17.72 0.97 0.00	23.95 1.29 0.00	24.67 1.44 0.00	23.72 1.54 0.00	22.81 1.59 0.00	31.71 2.21 0.00	32.16 2.24 0.00	28.57 1.98 0.00	25.46 1.76 0.00	24.93 1.70 0.00	31.78 2.11 0.00	37.44 2.28 0.00	38.74 2.19 0.00	38.68 1.90 0.00	39.31 1.88 0.00	47.68 2.32 0.00	25.57 1.18 0.00	30.51 1.37 0.00	25.83 1.00 0.00
EAST_HAMPTON___DIESEL 23722	18.98 0.86 -2.74	8.75 0.43 0.00	15.67 0.70 0.00	15.80 0.73 0.00	17.00 0.68 0.00	17.31 0.56 0.00	23.38 0.72 0.00	23.97 0.74 0.00	23.38 1.20 0.00	22.74 1.51 0.00	31.66 2.16 0.00	32.17 2.24 0.00	28.51 1.93 0.00	24.99 1.29 0.00	24.43 1.20 0.00	31.21 1.54 0.00	36.39 1.23 0.00	37.28 0.72 0.00	37.30 0.52 0.00	37.83 0.40 0.00	46.46 1.10 0.00	25.49 1.09 0.00	30.25 1.10 0.00	25.45 0.61 0.00
EAST_POINT___SOLAR 323840	30.02 0.73 -13.91	8.70 0.39 0.00	15.68 0.70 0.00	15.74 0.67 0.00	17.07 0.74 0.00	17.53 0.78 0.00	23.81 1.15 0.00	24.52 1.30 0.00	23.40 1.22 0.00	21.52 0.29 0.00	29.54 0.04 0.00	30.87 0.95 0.00	27.47 0.89 0.00	24.25 0.55 0.00	23.69 0.46 0.00	30.37 0.70 0.00	36.94 1.78 0.00	38.67 2.11 0.00	39.12 2.34 0.00	39.83 2.40 0.00	48.16 2.80 0.00	25.85 1.46 0.00	30.88 1.74 0.00	26.25 1.41 0.00
EAST_PULASKI___ESR 323781	16.79 -0.34 -1.76	8.75 -0.20 -0.64	16.13 -0.38 -1.54	16.79 -0.41 -2.14	18.08 -0.44 -2.20	18.34 -0.45 -2.03	24.44 -0.58 -2.35	25.05 -0.55 -2.39	24.16 -0.43 -2.41	23.23 -0.46 -2.47	31.67 -0.71 -2.88	31.82 -0.84 -2.74	28.38 -0.75 -2.54	25.43 -0.64 -2.37	24.37 -0.61 -1.75	28.84 -0.83 0.00	34.32 -0.84 0.00	35.70 -0.86 0.00	36.20 -0.57 0.00	36.89 -0.54 0.00	44.70 -0.66 0.00	24.07 -0.32 0.00	28.82 -0.33 0.00	24.56 -0.27 0.00
EAST_RIVER___1 323558	19.30 1.19 -2.74	8.92 0.61 0.00	16.02 1.05 0.00	16.10 1.04 0.00	17.45 1.13 0.00	17.86 1.11 0.00	24.14 1.48 0.00	24.89 1.67 0.00	23.95 1.77 0.00	23.03 1.81 0.00	32.03 2.53 0.00	32.50 2.58 0.00	28.88 2.30 0.00	25.74 2.04 0.00	25.20 1.97 0.00	32.10 2.43 0.00	37.79 2.63 0.00	39.06 2.50 0.00	38.96 2.18 0.00	39.58 2.15 0.00	48.00 2.64 0.00	25.76 1.36 0.00	30.74 1.59 0.00	26.01 1.18 0.00
EAST_RIVER___2 323559	19.33 1.22 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.17 1.51 0.00	24.93 1.71 0.00	23.99 1.81 0.00	23.09 1.87 0.00	32.11 2.61 0.00	32.59 2.67 0.00	28.96 2.37 0.00	25.82 2.12 0.00	25.28 2.05 0.00	32.20 2.53 0.00	37.90 2.74 0.00	39.18 2.62 0.00	39.06 2.29 0.00	39.67 2.24 0.00	48.09 2.73 0.00	25.80 1.41 0.00	30.78 1.63 0.00	26.05 1.22 0.00
EAST___DELAWARE_HYD 23607	16.30 0.93 0.00	8.79 0.48 0.00	15.82 0.84 0.00	15.90 0.84 0.00	17.23 0.91 0.00	17.67 0.92 0.00	23.92 1.26 0.00	24.62 1.39 0.00	23.62 1.45 0.00	22.67 1.45 0.00	31.40 1.89 0.00	31.73 1.81 0.00	28.16 1.57 0.00	25.08 1.38 0.00	24.58 1.35 0.00	31.41 1.74 0.00	37.19 2.03 0.00	38.68 2.13 0.00	38.78 2.01 0.00	39.42 1.99 0.00	47.75 2.39 0.00	25.60 1.21 0.00	30.54 1.40 0.00	25.86 1.02 0.00
EIGHT_POINT___WT_PWR 323820	10.99 -1.66 2.72	7.42 -0.90 0.00	13.24 -1.73 0.00	13.34 -1.73 0.00	14.57 -1.75 0.00	14.93 -1.83 0.00	20.39 -2.28 0.00	21.01 -2.23 -0.01	31.05 -2.03 -10.90	19.09 -2.14 0.00	26.52 -2.98 0.00	26.97 -2.95 0.00	24.06 -2.53 0.00	21.63 -2.07 0.00	21.25 -1.98 0.00	27.36 -2.30 0.00	32.47 -2.69 0.00	33.72 -2.84 0.00	34.54 -2.23 0.00	35.42 -2.01 0.00	42.51 -2.85 0.00	22.66 -1.73 0.00	27.26 -1.88 0.00	23.46 -1.37 0.00
ELBRIDGE_115KV_TB2 80188	15.05 -0.33 0.00	8.15 -0.16 0.00	14.66 -0.31 0.00	14.75 -0.31 0.00	15.98 -0.34 0.00	16.41 -0.34 0.00	22.23 -0.43 0.00	22.80 -0.42 0.00	21.80 -0.38 0.00	20.82 -0.41 0.00	28.86 -0.64 0.00	29.32 -0.60 0.00	26.03 -0.56 0.00	23.22 -0.48 0.00	22.78 -0.45 0.00	29.08 -0.59 0.00	34.49 -0.67 0.00	35.79 -0.77 0.00	36.03 -0.75 0.00	36.68 -0.75 0.00	44.36 -1.00 0.00	23.85 -0.54 0.00	28.50 -0.64 0.00	24.30 -0.54 0.00
ELEC_TRO_TEK 24086	19.26 1.15 -2.74	8.91 0.60 0.00	15.97 0.99 0.00	16.09 1.02 0.00	17.36 1.04 0.00	17.74 0.99 0.00	23.93 1.27 0.00	24.60 1.38 0.00	23.79 1.61 0.00	23.00 1.77 0.00	32.06 2.56 0.00	32.52 2.59 0.00	28.89 2.31 0.00	25.59 1.89 0.00	25.06 1.83 0.00	31.96 2.29 0.00	37.44 2.28 0.00	38.62 2.06 0.00	38.52 1.75 0.00	39.04 1.62 0.00	47.45 2.09 0.00	25.63 1.24 0.00	30.64 1.49 0.00	25.89 1.06 0.00

ELLENBURG_WT_PWR 323604	-14.40 -0.56 29.21	-2.59 -0.26 10.64	-11.15 -0.51 25.62	-21.04 -0.56 35.55	-20.97 -0.59 36.71	-20.21 -0.57 36.40	-20.13 -0.68 42.11	-20.19 -0.70 42.71	-21.90 -0.79 43.29	-23.64 -0.70 44.16	-22.98 -0.91 51.58	-20.12 -1.05 49.00	-18.09 -1.02 43.66	-14.39 -1.06 37.03	-5.09 -1.01 27.31	29.35 -0.32 0.00	35.11 -0.05 0.00	37.04 0.48 0.00	37.62 0.84 0.00	38.44 1.01 0.00	46.76 1.40 0.00	25.23 0.84 0.00	30.19 1.05 0.00	25.86 1.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.77 -1.43 1.18	7.62 -0.70 0.00	13.60 -1.37 0.00	13.69 -1.38 0.00	14.81 -1.51 0.00	15.17 -1.58 0.00	20.80 -1.86 0.00	21.31 -1.91 0.00	16.95 -1.73 3.50	19.46 -1.77 0.00	27.27 -2.23 0.00	27.83 -2.10 0.00	24.65 -1.94 0.00	21.84 -1.87 0.00	21.38 -1.86 0.00	27.45 -2.21 0.00	32.58 -2.58 0.00	33.92 -2.64 0.00	34.30 -2.47 0.00	35.04 -2.39 0.00	42.01 -3.35 0.00	22.55 -1.85 0.00	27.61 -1.53 0.00	23.87 -0.97 0.00
EMPIRE_CC_1 323656	59.61 0.73 -43.51	8.69 0.38 0.00	15.65 0.68 0.00	15.77 0.70 0.00	17.07 0.75 0.00	17.53 0.78 0.00	23.68 1.02 0.00	24.30 1.08 0.00	23.29 1.11 0.00	22.24 1.02 0.00	30.73 1.23 0.00	31.13 1.21 0.00	27.72 1.13 0.00	24.76 1.06 0.00	24.28 1.05 0.00	30.88 1.21 0.00	36.46 1.30 0.00	37.91 1.36 0.00	38.00 1.22 0.00	38.68 1.25 0.00	47.08 1.72 0.00	25.29 0.90 0.00	30.11 0.96 0.00	25.56 0.72 0.00
EMPIRE_CC_2 323658	59.61 0.73 -43.51	8.69 0.38 0.00	15.65 0.68 0.00	15.77 0.70 0.00	17.07 0.75 0.00	17.53 0.78 0.00	23.68 1.02 0.00	24.30 1.08 0.00	23.29 1.11 0.00	22.24 1.02 0.00	30.73 1.23 0.00	31.13 1.21 0.00	27.72 1.13 0.00	24.76 1.06 0.00	24.28 1.05 0.00	30.88 1.21 0.00	36.46 1.30 0.00	37.91 1.36 0.00	38.00 1.22 0.00	38.68 1.25 0.00	47.08 1.72 0.00	25.29 0.90 0.00	30.11 0.96 0.00	25.56 0.72 0.00
ENORWICH_115KV_TB1 80156	18.01 0.43 -2.21	8.53 0.22 0.00	15.29 0.31 0.00	15.50 0.43 0.00	16.79 0.47 0.00	17.47 0.71 0.00	23.78 1.11 0.00	24.30 1.08 0.00	23.77 1.01 -0.58	21.84 0.61 0.00	30.01 0.51 0.00	30.27 0.34 0.00	26.68 0.09 0.00	23.88 0.18 0.00	23.58 0.35 0.00	30.32 0.65 0.00	36.48 1.32 0.00	38.06 1.51 0.00	38.45 1.67 0.00	38.95 1.52 0.00	47.26 1.89 0.00	25.25 0.86 0.00	30.10 0.96 0.00	25.45 0.62 0.00
ERIE_ST__34_KV_TB1-2 80199	13.04 -1.10 1.22	7.79 -0.53 0.00	13.91 -1.07 0.00	14.01 -1.06 0.00	15.16 -1.16 0.00	15.54 -1.21 0.00	21.29 -1.37 0.00	21.85 -1.37 0.00	18.07 -1.15 2.96	19.98 -1.25 0.00	27.98 -1.52 0.00	28.56 -1.37 0.00	25.25 -1.34 0.00	22.39 -1.30 0.00	21.93 -1.30 0.00	28.20 -1.47 0.00	33.43 -1.74 0.00	34.74 -1.81 0.00	35.13 -1.65 0.00	35.92 -1.51 0.00	43.09 -2.27 0.00	23.13 -1.26 0.00	28.28 -0.87 0.00	24.37 -0.46 0.00
ERIE_WT_PWR 323693	12.81 -1.35 1.21	7.66 -0.66 0.00	13.68 -1.30 0.00	13.76 -1.31 0.00	14.89 -1.43 0.00	15.26 -1.49 0.00	20.92 -1.74 0.00	21.44 -1.78 0.00	17.26 -1.58 3.34	19.59 -1.63 0.00	27.49 -2.01 0.00	28.02 -1.90 0.00	24.81 -1.78 0.00	21.98 -1.71 0.00	21.52 -1.71 0.00	27.66 -2.00 0.00	32.84 -2.32 0.00	34.18 -2.38 0.00	34.55 -2.22 0.00	35.32 -2.11 0.00	42.33 -3.03 0.00	22.71 -1.68 0.00	27.80 -1.35 0.00	24.02 -0.81 0.00
ESPRGFLD_115KV_TB1 80157	25.46 0.30 -9.79	8.49 0.18 0.00	15.29 0.32 0.00	15.35 0.28 0.00	16.65 0.33 0.00	17.08 0.33 0.00	23.19 0.53 0.00	23.81 0.59 0.00	22.76 0.58 0.00	21.68 0.46 0.00	29.93 0.43 0.00	30.52 0.60 0.00	27.16 0.57 0.00	24.16 0.46 0.00	23.65 0.42 0.00	30.30 0.63 0.00	36.15 0.99 0.00	37.65 1.09 0.00	38.08 1.31 0.00	38.81 1.38 0.00	46.86 1.50 0.00	25.16 0.77 0.00	30.10 0.96 0.00	25.61 0.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.76 -0.02 -5.40	8.31 0.00 0.00	14.94 -0.03 0.00	15.06 -0.01 0.00	16.32 0.00 0.00	16.78 0.03 0.00	22.79 0.13 0.00	23.38 0.15 0.00	23.48 0.22 -1.08	21.27 0.04 0.00	29.45 -0.05 0.00	29.75 -0.17 0.00	26.41 -0.17 0.00	23.56 -0.13 0.00	23.16 -0.07 0.00	29.68 0.01 0.00	35.25 0.09 0.00	36.63 0.07 0.00	36.92 0.14 0.00	37.59 0.16 0.00	45.47 0.11 0.00	24.40 0.00 0.00	29.19 0.04 0.00	24.82 -0.01 0.00
ETNA____115KV_TB2 80207	20.76 -0.02 -5.40	8.31 0.00 0.00	14.94 -0.03 0.00	15.06 -0.01 0.00	16.32 0.00 0.00	16.78 0.03 0.00	22.79 0.13 0.00	23.38 0.15 0.00	23.48 0.22 -1.08	21.27 0.04 0.00	29.45 -0.05 0.00	29.75 -0.17 0.00	26.41 -0.17 0.00	23.56 -0.13 0.00	23.16 -0.07 0.00	29.68 0.01 0.00	35.25 0.09 0.00	36.63 0.07 0.00	36.92 0.14 0.00	37.59 0.16 0.00	45.47 0.11 0.00	24.40 0.00 0.00	29.19 0.04 0.00	24.82 -0.01 0.00
EUCLID____115KV_TB2 356179	15.02 -0.36 0.00	8.13 -0.19 0.00	14.62 -0.35 0.00	14.72 -0.35 0.00	15.94 -0.38 0.00	16.37 -0.39 0.00	22.15 -0.51 0.00	22.69 -0.54 0.00	21.72 -0.46 0.00	20.76 -0.47 0.00	28.76 -0.74 0.00	29.18 -0.75 0.00	25.91 -0.67 0.00	23.11 -0.59 0.00	22.67 -0.57 0.00	28.91 -0.76 0.00	34.30 -0.86 0.00	35.64 -0.92 0.00	35.87 -0.91 0.00	36.51 -0.92 0.00	44.17 -1.19 0.00	23.75 -0.64 0.00	28.39 -0.75 0.00	24.21 -0.62 0.00
E_CANADA_CAP_HY 24051	28.76 0.50 -12.89	8.59 0.28 0.00	15.48 0.51 0.00	15.53 0.46 0.00	16.83 0.51 0.00	17.27 0.52 0.00	23.40 0.74 0.00	24.05 0.83 0.00	23.00 0.82 0.00	21.75 0.52 0.00	29.90 0.40 0.00	30.68 0.75 0.00	27.33 0.75 0.00	24.27 0.57 0.00	23.73 0.50 0.00	30.44 0.77 0.00	36.47 1.31 0.00	38.07 1.51 0.00	38.52 1.75 0.00	39.27 1.84 0.00	47.48 2.12 0.00	25.51 1.12 0.00	30.54 1.39 0.00	26.01 1.17 0.00
E_CANADA_MHWK_HY 24050	15.63 0.25 0.00	8.41 0.10 0.00	15.21 0.24 0.00	15.37 0.30 0.00	16.61 0.29 0.00	17.01 0.26 0.00	22.97 0.31 0.00	23.65 0.42 0.00	22.80 0.62 0.00	21.49 0.27 0.00	29.17 -0.33 0.00	29.91 -0.01 0.00	26.29 -0.29 0.00	23.57 -0.12 0.00	23.09 -0.14 0.00	29.61 -0.06 0.00	35.35 0.19 0.00	36.77 0.22 0.00	36.89 0.11 0.00	37.48 0.05 0.00	45.77 0.41 0.00	24.61 0.21 0.00	29.19 0.04 0.00	24.51 -0.32 0.00
E_FISHKILL____LBMP 23776	19.14 0.93 -2.84	8.79 0.47 0.00	15.79 0.81 0.00	15.88 0.81 0.00	17.20 0.88 0.00	17.62 0.87 0.00	23.81 1.15 0.00	24.50 1.28 0.00	23.55 1.37 0.00	22.64 1.41 0.00	31.44 1.94 0.00	31.86 1.94 0.00	28.30 1.71 0.00	25.23 1.53 0.00	24.72 1.49 0.00	31.50 1.83 0.00	37.14 1.98 0.00	38.47 1.92 0.00	38.43 1.66 0.00	39.06 1.63 0.00	47.38 2.02 0.00	25.43 1.03 0.00	30.32 1.17 0.00	25.67 0.84 0.00
FALCON____SEABRD_CC1 323796	-14.51 -0.40 29.49	-2.63 -0.20 10.74	-11.24 -0.36 25.86	-21.22 -0.40 35.88	-21.18 -0.43 37.07	-20.74 -0.55 36.95	-20.67 -0.58 42.75	-20.69 -0.56 43.36	-22.26 -0.50 43.94	-23.95 -0.35 44.83	-23.46 -0.61 52.35	-20.74 -0.92 49.73	-20.66 -1.07 46.18	-20.61 -1.15 43.16	-9.70 -1.10 31.83	29.88 0.21 0.00	35.80 0.64 0.00	37.82 1.26 0.00	38.30 1.52 0.00	39.11 1.69 0.00	47.73 2.37 0.00	25.78 1.39 0.00	30.81 1.66 0.00	26.45 1.62 0.00

FALCON___SEABRD_CC2 323797	-14.51 -0.40 29.49	-2.63 -0.20 10.74	-11.24 -0.36 25.86	-21.22 -0.40 35.88	-21.18 -0.43 37.07	-20.74 -0.55 36.95	-20.67 -0.58 42.75	-20.69 -0.56 43.36	-22.26 -0.50 43.94	-23.95 -0.35 44.83	-23.46 -0.61 52.35	-20.74 -0.92 49.73	-20.66 -1.07 46.18	-20.61 -1.15 43.16	-9.70 -1.10 31.83	29.88 0.21 0.00	35.80 0.64 0.00	37.82 1.26 0.00	38.30 1.52 0.00	39.11 1.69 0.00	47.73 2.37 0.00	25.78 1.39 0.00	30.81 1.66 0.00	26.45 1.62 0.00
FAR ROCKAWAY___4 23548	19.43 1.32 -2.74	8.99 0.68 0.00	16.11 1.14 0.00	16.24 1.17 0.00	17.51 1.19 0.00	17.92 1.16 0.00	24.16 1.50 0.00	24.84 1.61 0.00	24.02 1.84 0.00	23.24 2.01 0.00	32.44 2.94 0.00	32.92 3.00 0.00	29.23 2.64 0.00	25.86 2.17 0.00	25.35 2.12 0.00	32.34 2.67 0.00	37.90 2.74 0.00	39.13 2.57 0.00	39.02 2.25 0.00	39.53 2.10 0.00	48.02 2.66 0.00	25.94 1.55 0.00	31.00 1.85 0.00	26.17 1.34 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.30 1.19 -2.74	8.92 0.61 0.00	16.02 1.04 0.00	16.10 1.03 0.00	17.44 1.12 0.00	17.85 1.10 0.00	24.13 1.47 0.00	24.87 1.65 0.00	23.92 1.75 0.00	23.02 1.79 0.00	32.00 2.50 0.00	32.47 2.55 0.00	28.85 2.26 0.00	25.72 2.02 0.00	25.18 1.95 0.00	32.07 2.40 0.00	37.75 2.59 0.00	39.02 2.46 0.00	38.92 2.15 0.00	39.56 2.13 0.00	47.98 2.62 0.00	25.75 1.35 0.00	30.73 1.58 0.00	26.01 1.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.30 1.19 -2.74	8.92 0.61 0.00	16.02 1.05 0.00	16.10 1.04 0.00	17.45 1.13 0.00	17.86 1.10 0.00	24.13 1.48 0.00	24.88 1.66 0.00	23.93 1.75 0.00	23.02 1.79 0.00	32.01 2.51 0.00	32.47 2.55 0.00	28.86 2.27 0.00	25.72 2.02 0.00	25.19 1.96 0.00	32.08 2.42 0.00	37.76 2.60 0.00	39.04 2.49 0.00	38.93 2.16 0.00	39.57 2.14 0.00	48.00 2.64 0.00	25.76 1.37 0.00	30.74 1.60 0.00	26.01 1.18 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.29 1.18 -2.74	8.91 0.60 0.00	16.01 1.04 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.85 1.09 0.00	24.12 1.46 0.00	24.86 1.64 0.00	23.92 1.74 0.00	23.00 1.78 0.00	31.99 2.49 0.00	32.45 2.52 0.00	28.84 2.25 0.00	25.70 2.01 0.00	25.17 1.94 0.00	32.06 2.39 0.00	37.73 2.57 0.00	39.01 2.45 0.00	38.90 2.12 0.00	39.53 2.10 0.00	47.95 2.59 0.00	25.73 1.34 0.00	30.71 1.57 0.00	25.99 1.16 0.00
FARRAGUT___LBMP 323566	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.84 1.62 0.00	23.90 1.72 0.00	22.98 1.76 0.00	31.96 2.46 0.00	32.42 2.49 0.00	28.81 2.22 0.00	25.68 1.98 0.00	25.14 1.91 0.00	32.03 2.36 0.00	37.69 2.54 0.00	38.97 2.42 0.00	38.86 2.09 0.00	39.50 2.07 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
FENNER___WINDPWR 24204	17.22 0.07 -1.78	8.64 0.05 -0.28	15.74 0.09 -0.68	16.07 0.07 -0.94	17.38 0.09 -0.97	17.79 0.14 -0.90	23.95 0.25 -1.04	24.58 0.31 -1.05	23.61 0.37 -1.06	22.55 0.23 -1.09	31.05 0.27 -1.27	31.26 0.13 -1.21	27.58 0.22 -0.77	23.90 0.20 0.00	23.47 0.24 0.00	30.03 0.37 0.00	35.65 0.48 0.00	37.01 0.45 0.00	37.26 0.49 0.00	37.92 0.49 0.00	45.89 0.53 0.00	24.64 0.25 0.00	29.46 0.32 0.00	25.05 0.22 0.00
FIBERTEK___ENERGY 23856	15.15 -0.23 0.00	8.20 -0.11 0.00	14.75 -0.22 0.00	14.84 -0.22 0.00	16.08 -0.24 0.00	16.52 -0.23 0.00	22.38 -0.29 0.00	22.94 -0.28 0.00	21.95 -0.23 0.00	20.96 -0.26 0.00	29.05 -0.45 0.00	29.50 -0.42 0.00	26.18 -0.41 0.00	23.35 -0.35 0.00	22.91 -0.32 0.00	29.26 -0.41 0.00	34.69 -0.46 0.00	36.04 -0.52 0.00	36.27 -0.50 0.00	36.90 -0.53 0.00	44.64 -0.72 0.00	23.99 -0.40 0.00	28.68 -0.47 0.00	24.43 -0.40 0.00
FITZPATRICK____ 23598	14.85 -0.52 0.00	8.04 -0.27 0.00	14.47 -0.50 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.40 -0.83 0.00	21.43 -0.75 0.00	20.49 -0.73 0.00	28.38 -1.13 0.00	28.78 -1.14 0.00	25.56 -1.02 0.00	22.80 -0.89 0.00	22.37 -0.86 0.00	28.52 -1.15 0.00	33.82 -1.34 0.00	35.15 -1.41 0.00	35.39 -1.38 0.00	36.02 -1.41 0.00	43.58 -1.78 0.00	23.47 -0.93 0.00	28.03 -1.12 0.00	23.91 -0.92 0.00
FLOWRFLD_69_KV_BK1 356044	19.47 1.36 -2.74	9.02 0.71 0.00	16.16 1.19 0.00	16.29 1.23 0.00	17.52 1.20 0.00	17.83 1.07 0.00	24.06 1.39 0.00	24.65 1.43 0.00	23.98 1.81 0.00	23.33 2.10 0.00	32.48 2.98 0.00	33.00 3.07 0.00	29.30 2.71 0.00	25.75 2.05 0.00	25.22 1.99 0.00	32.21 2.54 0.00	37.60 2.45 0.00	38.58 2.03 0.00	38.56 1.78 0.00	39.05 1.62 0.00	47.51 2.15 0.00	25.89 1.50 0.00	30.99 1.84 0.00	26.15 1.31 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.46 1.09 0.00	8.87 0.56 0.00	15.94 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.79 1.04 0.00	24.07 1.40 0.00	24.78 1.56 0.00	23.82 1.65 0.00	22.89 1.67 0.00	31.76 2.25 0.00	32.15 2.23 0.00	28.56 1.97 0.00	25.47 1.77 0.00	24.96 1.73 0.00	31.85 2.18 0.00	37.59 2.43 0.00	38.98 2.42 0.00	38.95 2.18 0.00	39.58 2.15 0.00	47.96 2.60 0.00	25.71 1.32 0.00	30.65 1.50 0.00	25.94 1.11 0.00
FORT ORANGE____ 23900	-59.09 0.60 75.06	8.62 0.30 0.00	15.54 0.57 0.00	15.69 0.63 0.00	16.96 0.64 0.00	17.39 0.63 0.00	23.50 0.84 0.00	24.13 0.91 0.00	23.13 0.95 0.00	22.11 0.89 0.00	30.51 1.01 0.00	30.86 0.93 0.00	27.43 0.84 0.00	24.49 0.80 0.00	24.01 0.78 0.00	30.59 0.92 0.00	36.21 1.05 0.00	37.72 1.16 0.00	37.86 1.09 0.00	38.52 1.09 0.00	46.80 1.44 0.00	25.13 0.73 0.00	29.92 0.77 0.00	25.42 0.59 0.00
FORT_DRUM_COGEN 23780	20.56 -0.15 -5.34	10.12 -0.14 -1.95	19.34 -0.31 -4.68	21.14 -0.42 -6.50	22.57 -0.42 -6.67	22.57 -0.36 -6.18	29.49 -0.32 -7.15	30.34 -0.13 -7.25	29.62 0.12 -7.32	28.57 -0.15 -7.49	38.02 -0.24 -8.75	37.54 -0.70 -8.31	33.73 -0.57 -7.72	30.41 -0.49 -7.20	28.09 -0.45 -5.31	29.15 -0.52 0.00	35.03 -0.13 0.00	36.64 0.08 0.00	37.85 1.07 0.00	38.71 1.28 0.00	47.05 1.68 0.00	25.30 0.91 0.00	30.43 1.29 0.00	25.88 1.04 0.00
FOX_HILLS___ESR 323835	19.35 1.24 -2.74	8.93 0.62 0.00	16.05 1.08 0.00	16.13 1.06 0.00	17.48 1.16 0.00	17.89 1.13 0.00	24.19 1.53 0.00	24.94 1.72 0.00	23.93 1.75 0.00	23.09 1.86 0.00	32.02 2.52 0.00	32.48 2.56 0.00	28.89 2.30 0.00	25.69 2.00 0.00	25.14 1.91 0.00	31.97 2.30 0.00	37.78 2.62 0.00	38.95 2.39 0.00	38.91 2.13 0.00	39.46 2.03 0.00	47.90 2.54 0.00	25.84 1.45 0.00	30.84 1.69 0.00	26.10 1.27 0.00
FPL FAR_ROCK_GT1 24212	19.43 1.32 -2.74	9.00 0.68 0.00	16.11 1.14 0.00	16.24 1.17 0.00	17.52 1.19 0.00	17.92 1.16 0.00	24.16 1.50 0.00	24.84 1.62 0.00	24.02 1.84 0.00	23.24 2.01 0.00	32.46 2.96 0.00	32.93 3.00 0.00	29.23 2.65 0.00	25.86 2.17 0.00	25.35 2.12 0.00	32.34 2.67 0.00	37.90 2.74 0.00	39.13 2.57 0.00	39.02 2.25 0.00	39.53 2.10 0.00	48.02 2.65 0.00	25.94 1.55 0.00	31.00 1.86 0.00	26.17 1.34 0.00

FPL FAR_ROCK_GT2 23815	19.43 1.32 -2.74	9.00 0.68 0.00	16.11 1.14 0.00	16.24 1.17 0.00	17.52 1.19 0.00	17.92 1.16 0.00	24.16 1.50 0.00	24.84 1.62 0.00	24.02 1.84 0.00	23.24 2.01 0.00	32.46 2.96 0.00	32.93 3.00 0.00	29.23 2.65 0.00	25.86 2.17 0.00	25.35 2.12 0.00	32.34 2.67 0.00	37.90 2.74 0.00	39.13 2.57 0.00	39.02 2.25 0.00	39.53 2.10 0.00	48.02 2.65 0.00	25.94 1.55 0.00	31.00 1.86 0.00	26.17 1.34 0.00
FRANKLIN_FALL_HYD 24054	50.79 -0.21 -35.63	21.18 -0.10 -12.98	45.99 -0.23 -31.24	58.15 -0.28 -43.36	60.54 -0.27 -44.49	57.85 -0.13 -41.23	70.33 -0.03 -47.70	71.63 0.02 -48.38	70.96 -0.08 -48.86	71.15 -0.09 -50.01	87.91 0.01 -58.40	85.21 -0.19 -55.48	77.84 -0.25 -51.50	71.48 -0.32 -48.09	58.38 -0.32 -35.47	29.95 0.28 0.00	35.84 0.68 0.00	37.75 1.20 0.00	38.53 1.75 0.00	39.35 1.92 0.00	47.78 2.42 0.00	25.71 1.32 0.00	30.76 1.62 0.00	26.29 1.46 0.00
FREEPORT_EQUS_GT1 23764	19.37 1.26 -2.74	8.97 0.65 0.00	16.06 1.09 0.00	16.18 1.12 0.00	17.45 1.13 0.00	17.83 1.08 0.00	24.04 1.38 0.00	24.70 1.48 0.00	23.92 1.74 0.00	23.16 1.94 0.00	32.32 2.82 0.00	32.79 2.87 0.00	29.12 2.53 0.00	25.71 2.01 0.00	25.20 1.97 0.00	32.13 2.47 0.00	37.63 2.47 0.00	38.81 2.25 0.00	38.70 1.92 0.00	39.23 1.80 0.00	47.66 2.30 0.00	25.80 1.40 0.00	30.84 1.69 0.00	26.03 1.20 0.00
FREEPORT___CT2 23818	19.37 1.26 -2.74	8.97 0.65 0.00	16.06 1.09 0.00	16.18 1.12 0.00	17.45 1.13 0.00	17.83 1.08 0.00	24.04 1.38 0.00	24.70 1.48 0.00	23.92 1.74 0.00	23.16 1.94 0.00	32.32 2.82 0.00	32.79 2.87 0.00	29.12 2.53 0.00	25.71 2.01 0.00	25.20 1.97 0.00	32.13 2.47 0.00	37.63 2.47 0.00	38.81 2.25 0.00	38.70 1.92 0.00	39.23 1.80 0.00	47.66 2.30 0.00	25.80 1.40 0.00	30.84 1.69 0.00	26.03 1.20 0.00
FRESHKLS_33_KV_LOAD 356253	19.38 1.27 -2.74	8.94 0.63 0.00	16.07 1.10 0.00	16.16 1.09 0.00	17.51 1.18 0.00	17.92 1.16 0.00	24.24 1.58 0.00	24.98 1.75 0.00	23.96 1.78 0.00	23.13 1.91 0.00	32.05 2.55 0.00	32.51 2.59 0.00	28.91 2.32 0.00	25.70 2.00 0.00	25.14 1.90 0.00	31.96 2.30 0.00	37.82 2.66 0.00	38.95 2.40 0.00	38.93 2.16 0.00	39.47 2.04 0.00	47.90 2.54 0.00	25.88 1.49 0.00	30.88 1.74 0.00	26.14 1.31 0.00
FULTON COGEN____ 23766	15.00 -0.37 0.00	8.12 -0.20 0.00	14.61 -0.36 0.00	14.70 -0.37 0.00	15.93 -0.39 0.00	16.35 -0.40 0.00	22.11 -0.55 0.00	22.65 -0.58 0.00	21.68 -0.50 0.00	20.71 -0.51 0.00	28.69 -0.81 0.00	29.08 -0.84 0.00	25.83 -0.75 0.00	23.04 -0.66 0.00	22.60 -0.62 0.00	28.83 -0.83 0.00	34.20 -0.96 0.00	35.54 -1.02 0.00	35.80 -0.97 0.00	36.44 -0.98 0.00	44.09 -1.27 0.00	23.71 -0.68 0.00	28.33 -0.82 0.00	24.15 -0.68 0.00
FULTON___LFGE 323630	30.23 0.68 -14.17	8.68 0.36 0.00	15.64 0.66 0.00	15.70 0.64 0.00	17.03 0.70 0.00	17.48 0.73 0.00	23.71 1.05 0.00	24.40 1.18 0.00	23.36 1.18 0.00	21.84 0.62 0.00	29.87 0.37 0.00	30.73 0.80 0.00	27.43 0.85 0.00	24.25 0.55 0.00	23.78 0.55 0.00	30.63 0.96 0.00	36.85 1.70 0.00	38.50 1.94 0.00	38.84 2.07 0.00	39.55 2.12 0.00	47.84 2.48 0.00	25.68 1.29 0.00	30.68 1.53 0.00	26.07 1.23 0.00
G.F.CEMENT___DRP 24184	41.32 0.93 -25.02	8.76 0.45 0.00	15.85 0.87 0.00	15.95 0.89 0.00	17.30 0.97 0.00	17.78 1.02 0.00	24.10 1.44 0.00	24.79 1.57 0.00	23.73 1.55 0.00	22.62 1.40 0.00	31.06 1.55 0.00	31.58 1.66 0.00	27.88 1.30 0.00	24.92 1.22 0.00	24.29 1.06 0.00	31.06 1.40 0.00	37.06 1.90 0.00	38.58 2.02 0.00	38.78 2.00 0.00	39.36 1.94 0.00	47.78 2.42 0.00	25.66 1.27 0.00	30.60 1.45 0.00	25.91 1.08 0.00
GARDENVILLE___LBMP 24039	12.76 -1.39 1.22	7.64 -0.68 0.00	13.63 -1.34 0.00	13.73 -1.34 0.00	14.85 -1.47 0.00	15.22 -1.53 0.00	20.85 -1.81 0.00	21.37 -1.85 0.00	16.66 -1.66 3.86	19.52 -1.71 0.00	27.35 -2.15 0.00	27.91 -2.02 0.00	24.72 -1.86 0.00	21.91 -1.79 0.00	21.45 -1.78 0.00	27.57 -2.10 0.00	32.72 -2.45 0.00	34.04 -2.51 0.00	34.43 -2.34 0.00	35.20 -2.23 0.00	42.22 -3.15 0.00	22.65 -1.74 0.00	27.73 -1.42 0.00	23.95 -0.88 0.00
GARDNVLA_35_KV_LD 355827	12.84 -1.32 1.21	7.68 -0.64 0.00	13.70 -1.27 0.00	13.79 -1.27 0.00	14.92 -1.40 0.00	15.30 -1.46 0.00	20.96 -1.70 0.00	21.48 -1.73 0.00	17.48 -1.54 3.15	19.63 -1.59 0.00	27.52 -1.98 0.00	28.08 -1.84 0.00	24.87 -1.72 0.00	22.04 -1.65 0.00	21.57 -1.66 0.00	27.73 -1.94 0.00	32.92 -2.24 0.00	34.25 -2.31 0.00	34.63 -2.15 0.00	35.38 -2.05 0.00	42.41 -2.95 0.00	22.76 -1.63 0.00	27.85 -1.29 0.00	24.06 -0.77 0.00
GELCKHM___115KV_LOAD 80723	15.06 -0.31 0.00	8.15 -0.16 0.00	14.67 -0.30 0.00	14.76 -0.30 0.00	15.99 -0.33 0.00	16.42 -0.33 0.00	22.23 -0.43 0.00	22.78 -0.44 0.00	21.80 -0.37 0.00	20.84 -0.39 0.00	28.87 -0.63 0.00	29.30 -0.62 0.00	26.02 -0.57 0.00	23.20 -0.50 0.00	22.75 -0.48 0.00	29.04 -0.62 0.00	34.45 -0.71 0.00	35.79 -0.76 0.00	36.03 -0.74 0.00	36.66 -0.77 0.00	44.34 -1.02 0.00	23.85 -0.54 0.00	28.50 -0.64 0.00	24.29 -0.54 0.00
GENERAL___MILLS 23808	12.82 -1.34 1.21	7.66 -0.65 0.00	13.68 -1.29 0.00	13.78 -1.29 0.00	14.90 -1.42 0.00	15.27 -1.48 0.00	20.93 -1.73 0.00	21.45 -1.77 0.00	17.26 -1.58 3.34	19.59 -1.63 0.00	27.47 -2.03 0.00	28.02 -1.90 0.00	24.82 -1.77 0.00	22.00 -1.70 0.00	21.53 -1.70 0.00	27.68 -1.99 0.00	32.86 -2.30 0.00	34.18 -2.38 0.00	34.56 -2.21 0.00	35.32 -2.11 0.00	42.34 -3.02 0.00	22.72 -1.67 0.00	27.81 -1.34 0.00	24.03 -0.81 0.00
GE_PLASTICS___DRP 24183	-29.59 0.50 45.46	8.57 0.26 0.00	15.46 0.48 0.00	15.59 0.52 0.00	16.86 0.54 0.00	17.28 0.52 0.00	23.34 0.68 0.00	23.95 0.73 0.00	22.95 0.77 0.00	21.97 0.74 0.00	30.37 0.87 0.00	30.76 0.84 0.00	27.33 0.75 0.00	24.40 0.70 0.00	23.93 0.70 0.00	30.48 0.81 0.00	36.05 0.89 0.00	37.49 0.93 0.00	37.60 0.82 0.00	38.26 0.83 0.00	46.47 1.11 0.00	24.96 0.57 0.00	29.75 0.60 0.00	25.28 0.44 0.00
GILBOA___1 23756	15.78 0.41 0.00	8.54 0.22 0.00	15.46 0.48 0.00	15.56 0.50 0.00	16.86 0.53 0.00	17.18 0.43 0.00	23.19 0.53 0.00	23.80 0.58 0.00	22.82 0.64 0.00	21.86 0.64 0.00	30.30 0.80 0.00	30.71 0.78 0.00	27.27 0.68 0.00	24.32 0.63 0.00	23.84 0.61 0.00	30.41 0.75 0.00	35.97 0.80 0.00	37.27 0.71 0.00	37.37 0.59 0.00	38.03 0.60 0.00	46.18 0.82 0.00	24.83 0.44 0.00	29.62 0.47 0.00	25.15 0.32 0.00
GILBOA___2 23757	15.78 0.41 0.00	8.54 0.22 0.00	15.46 0.48 0.00	15.56 0.50 0.00	16.86 0.53 0.00	17.18 0.43 0.00	23.19 0.53 0.00	23.80 0.58 0.00	22.82 0.64 0.00	21.86 0.64 0.00	30.30 0.80 0.00	30.71 0.78 0.00	27.27 0.68 0.00	24.32 0.63 0.00	23.84 0.61 0.00	30.41 0.75 0.00	35.97 0.80 0.00	37.27 0.71 0.00	37.37 0.59 0.00	38.03 0.60 0.00	46.18 0.82 0.00	24.83 0.44 0.00	29.62 0.47 0.00	25.15 0.32 0.00

GILBOA___3 23758	15.78 0.41 0.00	8.54 0.22 0.00	15.46 0.48 0.00	15.56 0.50 0.00	16.86 0.53 0.00	17.18 0.43 0.00	23.19 0.53 0.00	23.80 0.58 0.00	22.82 0.64 0.00	21.86 0.64 0.00	30.30 0.80 0.00	30.71 0.78 0.00	27.27 0.68 0.00	24.32 0.63 0.00	23.84 0.61 0.00	30.41 0.75 0.00	35.97 0.80 0.00	37.27 0.71 0.00	37.37 0.59 0.00	38.03 0.60 0.00	46.18 0.82 0.00	24.83 0.44 0.00	29.62 0.47 0.00	25.15 0.32 0.00
GILBOA___4 23759	15.78 0.41 0.00	8.54 0.22 0.00	15.46 0.48 0.00	15.56 0.50 0.00	16.86 0.53 0.00	17.18 0.43 0.00	23.19 0.53 0.00	23.80 0.58 0.00	22.82 0.64 0.00	21.86 0.64 0.00	30.30 0.80 0.00	30.71 0.78 0.00	27.27 0.68 0.00	24.32 0.63 0.00	23.84 0.61 0.00	30.41 0.75 0.00	35.97 0.80 0.00	37.27 0.71 0.00	37.37 0.59 0.00	38.03 0.60 0.00	46.18 0.82 0.00	24.83 0.44 0.00	29.62 0.47 0.00	25.15 0.32 0.00
GILBOA___ 23599	15.78 0.41 0.00	8.54 0.22 0.00	15.46 0.48 0.00	15.56 0.50 0.00	16.86 0.53 0.00	17.18 0.43 0.00	23.19 0.53 0.00	23.80 0.58 0.00	22.82 0.64 0.00	21.86 0.64 0.00	30.30 0.80 0.00	30.71 0.79 0.00	27.27 0.69 0.00	24.32 0.62 0.00	23.84 0.61 0.00	30.41 0.75 0.00	35.97 0.80 0.00	37.27 0.71 0.00	37.37 0.59 0.00	38.03 0.60 0.00	46.18 0.82 0.00	24.83 0.44 0.00	29.62 0.47 0.00	25.15 0.32 0.00
GINNA___ 23603	13.31 -1.38 0.69	7.60 -0.71 0.00	13.64 -1.33 0.00	13.72 -1.35 0.00	14.85 -1.47 0.00	15.25 -1.50 0.00	20.80 -1.86 0.00	21.34 -1.88 0.00	20.41 -1.77 0.00	19.50 -1.72 0.00	27.16 -2.34 0.00	27.61 -2.31 0.00	24.48 -2.11 0.00	21.75 -1.95 0.00	21.33 -1.90 0.00	27.27 -2.39 0.00	32.39 -2.77 0.00	33.72 -2.84 0.00	34.03 -2.75 0.00	34.62 -2.81 0.00	41.65 -3.71 0.00	22.37 -2.02 0.00	26.97 -2.18 0.00	23.11 -1.73 0.00
GLEN PARK___ 23778	20.34 -0.09 -5.06	10.05 -0.10 -1.85	19.16 -0.25 -4.44	20.87 -0.36 -6.16	22.29 -0.35 -6.32	22.33 -0.29 -5.86	29.23 -0.21 -6.78	30.08 -0.02 -6.87	29.33 0.20 -6.95	28.29 -0.04 -7.11	37.70 -0.10 -8.30	37.22 -0.59 -7.89	33.41 -0.50 -7.32	30.14 -0.39 -6.84	27.89 -0.38 -5.04	29.20 -0.47 0.00	35.18 0.02 0.00	36.82 0.26 0.00	38.01 1.24 0.00	38.88 1.45 0.00	47.23 1.87 0.00	25.39 1.00 0.00	30.52 1.37 0.00	25.94 1.11 0.00
GLENDALE_27_KV_LOAD 356172	19.35 1.24 -2.74	8.95 0.63 0.00	16.06 1.09 0.00	16.15 1.08 0.00	17.49 1.17 0.00	17.91 1.15 0.00	24.20 1.54 0.00	24.97 1.74 0.00	24.01 1.84 0.00	23.12 1.90 0.00	32.14 2.63 0.00	32.61 2.69 0.00	28.98 2.40 0.00	25.82 2.12 0.00	25.29 2.05 0.00	32.20 2.53 0.00	37.91 2.74 0.00	39.14 2.59 0.00	39.05 2.28 0.00	39.72 2.29 0.00	48.18 2.82 0.00	25.85 1.46 0.00	30.84 1.69 0.00	26.09 1.25 0.00
GLENWOOD_IC_1_G5 23712	19.30 1.19 -2.74	8.93 0.62 0.00	16.01 1.04 0.00	16.12 1.05 0.00	17.42 1.10 0.00	17.81 1.06 0.00	24.05 1.39 0.00	24.75 1.53 0.00	23.89 1.71 0.00	23.05 1.83 0.00	32.10 2.60 0.00	32.56 2.64 0.00	28.93 2.35 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.09 2.42 0.00	37.67 2.51 0.00	38.90 2.34 0.00	38.83 2.05 0.00	39.40 1.97 0.00	47.82 2.46 0.00	25.74 1.35 0.00	30.75 1.60 0.00	25.99 1.16 0.00
GLENWOOD_IC_2_G1 23688	19.23 1.12 -2.74	8.89 0.58 0.00	15.96 0.98 0.00	16.05 0.99 0.00	17.36 1.04 0.00	17.76 1.01 0.00	23.99 1.32 0.00	24.69 1.47 0.00	23.80 1.62 0.00	22.94 1.72 0.00	31.93 2.43 0.00	32.38 2.46 0.00	28.77 2.18 0.00	25.57 1.87 0.00	25.04 1.81 0.00	31.93 2.26 0.00	37.52 2.36 0.00	38.78 2.22 0.00	38.46 1.69 0.00	38.93 1.50 0.00	47.32 1.96 0.00	25.58 1.19 0.00	30.59 1.44 0.00	25.83 1.00 0.00
GLENWOOD_IC_3_G1 23689	19.23 1.12 -2.74	8.89 0.58 0.00	15.96 0.98 0.00	16.05 0.99 0.00	17.36 1.04 0.00	17.76 1.01 0.00	23.99 1.32 0.00	24.69 1.47 0.00	23.80 1.62 0.00	22.94 1.72 0.00	31.93 2.43 0.00	32.38 2.46 0.00	28.77 2.18 0.00	25.57 1.87 0.00	25.04 1.81 0.00	31.93 2.26 0.00	37.52 2.36 0.00	38.78 2.22 0.00	38.46 1.69 0.00	38.93 1.50 0.00	47.32 1.96 0.00	25.58 1.19 0.00	30.59 1.44 0.00	25.83 1.00 0.00
GLENWOOD___4 23550	19.30 1.19 -2.74	8.93 0.62 0.00	16.01 1.04 0.00	16.12 1.05 0.00	17.42 1.10 0.00	17.81 1.06 0.00	24.05 1.39 0.00	24.75 1.53 0.00	23.89 1.71 0.00	23.05 1.83 0.00	32.10 2.60 0.00	32.56 2.64 0.00	28.93 2.35 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.09 2.42 0.00	37.67 2.51 0.00	38.90 2.34 0.00	38.83 2.05 0.00	39.40 1.97 0.00	47.82 2.46 0.00	25.74 1.35 0.00	30.75 1.60 0.00	25.99 1.16 0.00
GLENWOOD___5 23614	19.30 1.19 -2.74	8.93 0.62 0.00	16.01 1.04 0.00	16.12 1.05 0.00	17.42 1.10 0.00	17.81 1.06 0.00	24.05 1.39 0.00	24.75 1.53 0.00	23.89 1.71 0.00	23.05 1.83 0.00	32.10 2.60 0.00	32.56 2.64 0.00	28.93 2.35 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.09 2.42 0.00	37.67 2.51 0.00	38.90 2.34 0.00	38.83 2.05 0.00	39.40 1.97 0.00	47.82 2.46 0.00	25.74 1.35 0.00	30.75 1.60 0.00	25.99 1.16 0.00
GLOBAL GREEN_PORT_GT1 23814	19.22 1.11 -2.74	8.88 0.57 0.00	15.91 0.94 0.00	16.04 0.98 0.00	17.26 0.94 0.00	17.58 0.83 0.00	23.75 1.09 0.00	24.34 1.12 0.00	23.74 1.56 0.00	23.09 1.86 0.00	32.14 2.64 0.00	32.65 2.73 0.00	28.95 2.36 0.00	25.38 1.68 0.00	24.82 1.59 0.00	31.69 2.02 0.00	36.95 1.79 0.00	37.88 1.32 0.00	37.90 1.12 0.00	38.41 0.98 0.00	47.02 1.66 0.00	25.80 1.41 0.00	30.68 1.53 0.00	25.82 0.98 0.00
GLOBE___DSASP 323697	12.51 -1.80 1.06	7.42 -0.90 0.00	13.25 -1.72 0.00	13.33 -1.74 0.00	14.41 -1.91 0.00	14.76 -1.99 0.00	20.24 -2.42 0.00	20.72 -2.50 0.00	17.22 -2.39 2.58	18.87 -2.36 0.00	26.44 -3.07 0.00	26.98 -2.94 0.00	23.91 -2.68 0.00	21.12 -2.57 0.00	20.69 -2.54 0.00	26.54 -3.13 0.00	31.47 -3.69 0.00	32.79 -3.76 0.00	33.20 -3.58 0.00	33.83 -3.60 0.00	40.49 -4.87 0.00	21.78 -2.62 0.00	26.77 -2.38 0.00	23.24 -1.59 0.00
GOETHSLN___LBMP 323567	19.25 1.14 -2.74	8.89 0.57 0.00	15.97 0.99 0.00	16.04 0.98 0.00	17.39 1.07 0.00	17.79 1.04 0.00	24.05 1.39 0.00	24.77 1.54 0.00	23.81 1.64 0.00	22.89 1.67 0.00	31.85 2.34 0.00	32.30 2.38 0.00	28.71 2.13 0.00	25.59 1.89 0.00	25.04 1.81 0.00	31.90 2.23 0.00	37.54 2.38 0.00	38.83 2.28 0.00	38.72 1.95 0.00	39.37 1.94 0.00	47.75 2.39 0.00	25.63 1.24 0.00	30.59 1.44 0.00	25.88 1.05 0.00
GOLAH___69_KV_TB 1_2 80279	13.76 -0.86 0.76	7.89 -0.42 0.00	14.14 -0.83 0.00	14.22 -0.84 0.00	15.39 -0.93 0.00	15.81 -0.95 0.00	21.61 -1.06 0.00	22.18 -1.05 0.00	21.24 -0.94 0.00	20.27 -0.95 0.00	28.28 -1.22 0.00	28.79 -1.14 0.00	25.48 -1.10 0.00	22.56 -1.14 0.00	22.15 -1.08 0.00	28.52 -1.15 0.00	33.70 -1.46 0.00	35.08 -1.48 0.00	35.45 -1.32 0.00	36.10 -1.33 0.00	43.39 -1.97 0.00	23.29 -1.10 0.00	28.21 -0.93 0.00	24.23 -0.60 0.00

GOODYEAR_LAKE_HYD 323669	19.58 0.29 -3.92	8.48 0.17 0.00	15.28 0.31 0.00	15.37 0.31 0.00	16.67 0.35 0.00	17.09 0.34 0.00	23.18 0.52 0.00	23.79 0.56 0.00	22.76 0.58 0.00	21.76 0.53 0.00	30.13 0.62 0.00	30.60 0.67 0.00	27.18 0.59 0.00	24.21 0.51 0.00	23.72 0.49 0.00	30.34 0.67 0.00	36.02 0.86 0.00	37.44 0.89 0.00	37.74 0.97 0.00	38.43 1.00 0.00	46.49 1.14 0.00	24.95 0.56 0.00	29.82 0.67 0.00	25.33 0.50 0.00
GOUDEY_I15_KV_TB6_REV_LBMP_C 345031	14.66 -0.23 0.48	8.21 -0.10 0.00	14.77 -0.20 0.00	14.89 -0.17 0.00	16.14 -0.19 0.00	16.57 -0.19 0.00	22.48 -0.18 0.00	23.04 -0.18 0.00	22.11 -0.07 0.00	21.08 -0.14 0.00	29.26 -0.24 0.00	29.70 -0.23 0.00	26.33 -0.25 0.00	23.48 -0.22 0.00	22.98 -0.25 0.00	29.45 -0.21 0.00	34.90 -0.26 0.00	36.16 -0.40 0.00	36.42 -0.35 0.00	37.20 -0.23 0.00	45.05 -0.31 0.00	24.16 -0.23 0.00	29.01 -0.14 0.00	24.67 -0.16 0.00
GOUDEY____7 23579	14.66 -0.23 0.48	8.21 -0.10 0.00	14.77 -0.20 0.00	14.89 -0.17 0.00	16.14 -0.19 0.00	16.57 -0.19 0.00	22.48 -0.18 0.00	23.04 -0.18 0.00	22.11 -0.07 0.00	21.08 -0.14 0.00	29.26 -0.24 0.00	29.70 -0.23 0.00	26.33 -0.25 0.00	23.48 -0.22 0.00	22.98 -0.25 0.00	29.45 -0.21 0.00	34.90 -0.26 0.00	36.16 -0.40 0.00	36.42 -0.35 0.00	37.20 -0.23 0.00	45.05 -0.31 0.00	24.16 -0.23 0.00	29.01 -0.14 0.00	24.67 -0.16 0.00
GOUDEY____8 23580	14.66 -0.23 0.48	8.21 -0.10 0.00	14.77 -0.20 0.00	14.89 -0.17 0.00	16.14 -0.19 0.00	16.57 -0.19 0.00	22.48 -0.18 0.00	23.04 -0.18 0.00	22.11 -0.07 0.00	21.08 -0.14 0.00	29.26 -0.24 0.00	29.70 -0.23 0.00	26.33 -0.25 0.00	23.48 -0.22 0.00	22.98 -0.25 0.00	29.45 -0.21 0.00	34.90 -0.26 0.00	36.16 -0.40 0.00	36.42 -0.35 0.00	37.20 -0.23 0.00	45.05 -0.31 0.00	24.16 -0.23 0.00	29.01 -0.14 0.00	24.67 -0.16 0.00
GOWANUS_GT1_1 24077	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.46 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.95 1.77 0.00	23.08 1.86 0.00	32.09 2.59 0.00	32.56 2.63 0.00	28.95 2.36 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.10 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT1_2 24078	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.46 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.95 1.77 0.00	23.08 1.86 0.00	32.09 2.59 0.00	32.56 2.63 0.00	28.95 2.36 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.10 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT1_3 24079	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.46 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.95 1.77 0.00	23.08 1.86 0.00	32.09 2.59 0.00	32.56 2.63 0.00	28.95 2.36 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.10 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT1_4 24080	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.46 1.14 0.00	17.88 1.13 0.00	24.18																	

GOWANUS_GT2_4 24117	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.56 2.63 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT2_5 24118	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.56 2.63 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT2_6 24119	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.56 2.63 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT2_7 24120	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.56 2.63 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT2_8 24121	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.56 2.63 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT3_1 24122	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT3_2 24123	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT3_3 24124	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.0														

GOWANUS_GT4_3 24132	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.92 1.74 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT4_4 24133	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.92 1.74 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT4_5 24134	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.92 1.74 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT4_6 24135	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.92 1.74 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT4_7 24136	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.92 1.74 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GOWANUS_GT4_8 24137	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.92 1.74 0.00	23.06 1.83 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GREENBSH_115KV_TB3 55895	-64.03 0.53 79.94	8.58 0.27 0.00	15.48 0.50 0.00	15.63 0.56 0.00	16.89 0.57 0.00	17.31 0.56 0.00	23.39 0.72 0.00	24.00 0.78 0.00	23.00 0.82 0.00	22.00 0.78 0.00	30.42 0.92 0.00	30.81 0.88 0.00	27.38 0.80 0.00	24.45 0.76 0.00	23.99 0.75 0.00	30.52 0.85 0.00	36.09 0.93 0.00	37.54 0.99 0.00	37.63 0.86 0.00	38.29 0.86 0.00	46.53 1.17 0.00	24.99 0.59 0.00	29.76 0.61 0.00	25.29 0.46 0.00
GREENIDGE_115KV_TB5 80291	11.51 -0.59 3.27	8.02 -0.30 0.00	14.38 -0.59 0.00	14.49 -0.57 0.00	15.72 -0.60 0.00	16.17 -0.58 0.00	22.04 -0.62 0.00	22.66 -0.57 -0.01	26.41 -0.47 -4.70	20.59 -0.64 0.00	28.59 -0.92 0.00	29.14 -0.79 0.00	25.84 -0.75 0.00	23.06 -0.63 0.00	22.57 -0.65 0.00	28.99 -0.68 0.00	34.27 -0.89 0.00	35.56 -1.00 0.00	36.02 -0.75 0.00	36.82 -0.61 0.00	44.38 -0.98 0.00	23.91 -0.48 0.00	28.64 -0.51 0.00	24.45 -0.39 0.00
GREENIDGE___3 23582	11.51 -0.59 3.27	8.02 -0.30 0.00	14.38 -0.59 0.00	14.49 -0.57 0.00	15.72 -0.60 0.00	16.17 -0.58 0.00	22.04 -0.62 0.00	22.66 -0.57 -0.01	26.41 -0.47 -4.70	20.59 -0.64 0.00	28.59 -0.92 0.00	29.14 -0.79 0.00	25.84 -0.75 0.00	23.06 -0.63 0.00	22.57 -0.65 0.00	28.99 -0.68 0.00	34.27 -0.89 0.00	35.56 -1.00 0.00	36.02 -0.75 0.00	36.82 -0.61 0.00	44.38 -0.98 0.00	23.91 -0.48 0.00	28.64 -0.51 0.00	24.45 -0.39 0.00
GREENIDGE___4 23583	11.51 -0.59 3.27	8.02 -0.30 0.00	14.38 -0.59 0.00	14.48 -0.58 0.00	15.73 -0.60 0.00	16.17 -0.58 0.00	22.04 -0.62 0.00	22.66 -0.58 -0.01	26.40 -0.48 -4.70	20.58 -0.64 0.00	28.58 -0.93 0.00	29.12 -0.80 0.00	25.83 -0.75 0.00	23.06 -0.64 0.00	22.57 -0.66 0.00	28.98 -0.68 0.00	34.26 -0.90 0.00	35.56 -1.00 0.00	36.03 -0.74 0.00	36.82 -0.61 0.00	44.38 -0.98 0.00	23.91 -0.48 0.00	28.64 -0.51 0.00	24.45 -0.38 0.00
GREENLWN_69_KV_BK 3 55738	19.23 1.12 -2.74	8.91 0.59 0.00	15.96 0.98 0.00	16.08 1.02 0.00	17.31 0.99 0.00	17.61 0.86 0.00	23.73 1.07 0.00	24.32 1.10 0.00	23.61 1.43 0.00	22.95 1.73 0.00	32.00 2.50 0.00	32.49 2.57 0.00	28.91 2.33 0.00	25.53 1.83 0.00	24.99 1.76 0.00	31.87 2.20 0.00	37.18 2.02 0.00	38.11 1.56 0.00	38.01 1.23 0.00	38.52 1.09 0.00	46.86 1.50 0.00	25.41 1.02 0.00	30.45 1.31 0.00	25.74 0.90 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.93 1.75 0.00	23.06 1.84 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
GRISSOM___SOLAR 323813	30.50 0.72 -14.41	8.70 0.38 0.00	15.67 0.69 0.00	15.73 0.67 0.00	17.06 0.74 0.00	17.52 0.76 0.00	23.75 1.09 0.00	24.46 1.23 0.00	23.41 1.23 0.00	21.81 0.59 0.00	29.83 0.33 0.00	30.65 0.73 0.00	27.44 0.86 0.00	24.22 0.53 0.00	23.77 0.54 0.00	30.64 0.97 0.00	36.86 1.70 0.00	38.50 1.94 0.00	38.81 2.03 0.00	39.49 2.06 0.00	47.79 2.43 0.00	25.66 1.26 0.00	30.64 1.49 0.00	26.03 1.19 0.00
GROVEVILLE___HYD 323602	16.46 1.09 0.00	8.87 0.56 0.00	15.94 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.79 1.04 0.00	24.07 1.40 0.00	24.78 1.56 0.00	23.82 1.65 0.00	22.89 1.67 0.00	31.76 2.25 0.00	32.15 2.23 0.00	28.56 1.97 0.00	25.47 1.77 0.00	24.96 1.73 0.00	31.85 2.18 0.00	37.59 2.43 0.00	38.98 2.42 0.00	38.95 2.18 0.00	39.58 2.15 0.00	47.96 2.60 0.00	25.71 1.32 0.00	30.65 1.50 0.00	25.94 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.15 -0.23 0.00	8.20 -0.11 0.00	14.75 -0.22 0.00	14.84 -0.22 0.00	16.08 -0.24 0.00	16.52 -0.23 0.00	22.38 -0.29 0.00	22.94 -0.28 0.00	21.95 -0.23 0.00	20.96 -0.26 0.00	29.05 -0.45 0.00	29.50 -0.42 0.00	26.18 -0.41 0.00	23.35 -0.35 0.00	22.91 -0.32 0.00	29.26 -0.41 0.00	34.69 -0.46 0.00	36.04 -0.52 0.00	36.27 -0.50 0.00	36.90 -0.53 0.00	44.64 -0.72 0.00	23.99 -0.40 0.00	28.68 -0.47 0.00	24.43 -0.40 0.00

HAMLTNNY_34_KV_TB 80303	15.13 -0.25 0.00	8.19 -0.12 0.00	14.73 -0.24 0.00	14.82 -0.24 0.00	16.06 -0.26 0.00	16.50 -0.26 0.00	22.35 -0.31 0.00	22.94 -0.29 0.00	21.95 -0.23 0.00	20.94 -0.28 0.00	29.06 -0.44 0.00	29.51 -0.41 0.00	26.19 -0.40 0.00	23.36 -0.34 0.00	22.91 -0.31 0.00	29.25 -0.42 0.00	34.67 -0.49 0.00	35.99 -0.56 0.00	36.24 -0.53 0.00	36.88 -0.55 0.00	44.59 -0.76 0.00	23.96 -0.43 0.00	28.65 -0.50 0.00	24.41 -0.43 0.00
HAMPSHIRE___PAPER_HYD 323593	28.77 0.07 -13.32	13.18 0.01 -4.85	26.64 -0.02 -11.68	31.15 -0.13 -16.21	32.86 -0.10 -16.64	32.19 0.02 -15.42	40.75 0.24 -17.84	41.79 0.48 -18.09	41.13 0.68 -18.28	40.27 0.34 -18.70	51.84 0.49 -21.84	50.71 0.04 -20.75	45.86 0.02 -19.26	41.69 0.01 -17.98	36.52 0.02 -13.26	30.09 0.42 0.00	36.06 0.90 0.00	37.85 1.29 0.00	38.98 2.21 0.00	39.80 2.37 0.00	48.26 2.90 0.00	25.94 1.54 0.00	31.13 1.98 0.00	26.47 1.64 0.00
HARDSCRABBLE_WT_PWR 323673	15.48 0.11 0.00	8.34 0.02 0.00	15.09 0.12 0.00	15.24 0.17 0.00	16.46 0.14 0.00	16.84 0.09 0.00	22.73 0.07 0.00	23.42 0.19 0.00	22.61 0.43 0.00	21.40 0.18 0.00	28.99 -0.51 0.00	29.65 -0.27 0.00	26.11 -0.47 0.00	23.44 -0.25 0.00	22.94 -0.29 0.00	29.39 -0.28 0.00	35.11 -0.06 0.00	36.50 -0.06 0.00	36.70 -0.08 0.00	37.30 -0.13 0.00	45.48 0.12 0.00	24.48 0.09 0.00	29.06 -0.09 0.00	24.39 -0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.86 1.06 -2.42	8.86 0.54 0.00	15.91 0.94 0.00	15.99 0.93 0.00	17.33 1.01 0.00	17.75 0.99 0.00	24.02 1.36 0.00	24.73 1.51 0.00	23.76 1.58 0.00	22.83 1.61 0.00	31.70 2.20 0.00	32.10 2.18 0.00	28.54 1.95 0.00	25.44 1.74 0.00	24.93 1.70 0.00	31.82 2.15 0.00	37.58 2.42 0.00	38.98 2.42 0.00	38.91 2.13 0.00	39.54 2.11 0.00	47.92 2.56 0.00	25.66 1.27 0.00	30.60 1.45 0.00	25.90 1.07 0.00
HARSNRAD_115KV_TB1 81005	12.77 -1.56 1.04	7.54 -0.77 0.00	13.46 -1.51 0.00	13.54 -1.53 0.00	14.64 -1.68 0.00	15.01 -1.75 0.00	20.60 -2.06 0.00	21.10 -2.12 0.00	17.67 -1.94 2.58	19.23 -2.00 0.00	26.94 -2.57 0.00	27.48 -2.45 0.00	24.32 -2.27 0.00	21.50 -2.20 0.00	21.08 -2.15 0.00	27.06 -2.61 0.00	32.10 -3.06 0.00	33.45 -3.11 0.00	33.86 -2.91 0.00	34.52 -2.91 0.00	41.32 -4.04 0.00	22.21 -2.19 0.00	27.26 -1.88 0.00	23.63 -1.20 0.00
HARZA MOOSE___RIVER 24016	19.08 0.00 -3.71	9.65 -0.02 -1.35	18.19 -0.04 -3.25	19.45 -0.12 -4.51	20.86 -0.10 -4.63	20.99 -0.05 -4.29	27.65 0.03 -4.97	28.46 0.20 -5.04	27.80 0.53 -5.09	26.62 0.19 -5.21	35.80 0.22 -6.08	35.60 -0.10 -5.77	31.98 0.04 -5.36	28.69 -0.01 -5.01	27.00 0.07 -3.69	29.87 0.20 0.00	35.58 0.42 0.00	37.08 0.52 0.00	37.83 1.06 0.00	38.60 1.18 0.00	46.79 1.42 0.00	25.16 0.77 0.00	30.18 1.04 0.00	25.69 0.85 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	15.07 -0.31 0.00	8.16 -0.16 0.00	14.68 -0.30 0.00	14.77 -0.29 0.00	16.00 -0.32 0.00	16.43 -0.32 0.00	22.24 -0.42 0.00	22.79 -0.43 0.00	21.82 -0.35 0.00	20.85 -0.37 0.00	28.88 -0.63 0.00	29.31 -0.62 0.00	26.02 -0.57 0.00	23.21 -0.49 0.00	22.76 -0.47 0.00	29.05 -0.61 0.00	34.46 -0.70 0.00	35.79 -0.76 0.00	36.02 -0.75 0.00	36.66 -0.77 0.00	44.34 -1.02 0.00	23.85 -0.55 0.00	28.50 -0.64 0.00	24.30 -0.54 0.00
HELLGATE_13_KV_LD 55870	19.29 1.18 -2.74	8.91 0.60 0.00	16.01 1.04 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.09 0.00	24.10 1.44 0.00	24.85 1.63 0.00	23.90 1.72 0.00	23.01 1.78 0.00	31.98 2.47 0.00	32.44 2.51 0.00	28.83 2.25 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.03 2.37 0.00	37.70 2.54 0.00	38.93 2.37 0.00	38.84 2.07 0.00	39.51 2.08 0.00	47.93 2.57 0.00	25.73 1.34 0.00	30.70 1.55 0.00	25.97 1.13 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.29 1.18 -2.74	8.91 0.60 0.00	16.01 1.04 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.09 0.00	24.10 1.44 0.00	24.85 1.63 0.00	23.90 1.72 0.00	23.01 1.78 0.00	31.98 2.47 0.00	32.44 2.51 0.00	28.83 2.25 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.03 2.37 0.00	37.70 2.54 0.00	38.93 2.37 0.00	38.84 2.07 0.00	39.51 2.08 0.00	47.93 2.57 0.00	25.73 1.34 0.00	30.70 1.55 0.00	25.97 1.13 0.00
HEMPSTEAD____ 23647	19.26 1.15 -2.74	8.91 0.60 0.00	15.97 0.99 0.00	16.08 1.02 0.00	17.35 1.03 0.00	17.74 0.98 0.00	23.93 1.27 0.00	24.60 1.38 0.00	23.80 1.62 0.00	23.01 1.79 0.00	32.09 2.58 0.00	32.55 2.63 0.00	28.92 2.33 0.00	25.59 1.89 0.00	25.07 1.84 0.00	31.96 2.29 0.00	37.46 2.30 0.00	38.62 2.06 0.00	38.53 1.75 0.00	39.07 1.64 0.00	47.46 2.10 0.00	25.64 1.25 0.00	30.64 1.49 0.00	25.88 1.05 0.00
HEWLETT_69_KV_BK3 55828	19.37 1.26 -2.74	8.97 0.65 0.00	16.05 1.08 0.00	16.18 1.12 0.00	17.46 1.14 0.00	17.85 1.10 0.00	24.07 1.41 0.00	24.74 1.52 0.00	23.92 1.74 0.00	23.13 1.91 0.00	32.30 2.80 0.00	32.78 2.85 0.00	29.11 2.52 0.00	25.76 2.06 0.00	25.23 2.00 0.00	32.20 2.53 0.00	37.72 2.57 0.00	38.95 2.39 0.00	38.82 2.05 0.00	39.34 1.91 0.00	47.80 2.43 0.00	25.82 1.43 0.00	30.87 1.72 0.00	26.07 1.23 0.00
HICKLING___1 23621	11.67 -0.73 2.97	7.95 -0.36 0.00	14.26 -0.71 0.00	14.39 -0.68 0.00	15.63 -0.70 0.00	16.05 -0.70 0.00	21.87 -0.79 0.00	22.43 -0.79 0.00	22.99 -0.61 -1.43	20.51 -0.71 0.00	28.52 -0.98 0.00	28.97 -0.95 0.00	25.67 -0.91 0.00	22.92 -0.78 0.00	22.42 -0.81 0.00	28.86 -0.80 0.00	34.16 -1.00 0.00	35.36 -1.20 0.00	35.73 -1.04 0.00	36.66 -0.77 0.00	44.29 -1.07 0.00	23.71 -0.68 0.00	28.59 -0.56 0.00	24.35 -0.48 0.00
HICKLING___2 23622	11.67 -0.73 2.97	7.95 -0.36 0.00	14.26 -0.71 0.00	14.39 -0.68 0.00	15.63 -0.70 0.00	16.05 -0.70 0.00	21.87 -0.79 0.00	22.43 -0.79 0.00	22.99 -0.61 -1.43	20.51 -0.71 0.00	28.52 -0.98 0.00	28.97 -0.95 0.00	25.67 -0.91 0.00	22.92 -0.78 0.00	22.42 -0.81 0.00	28.86 -0.80 0.00	34.16 -1.00 0.00	35.36 -1.20 0.00	35.73 -1.04 0.00	36.66 -0.77 0.00	44.29 -1.07 0.00	23.71 -0.68 0.00	28.59 -0.56 0.00	24.35 -0.48 0.00
HIGH FALLS___HY 23754	9.06 0.94 7.26	8.80 0.49 0.00	15.82 0.84 0.00	15.89 0.83 0.00	17.23 0.91 0.00	17.65 0.89 0.00	23.87 1.21 0.00	24.58 1.36 0.00	23.61 1.43 0.00	22.71 1.48 0.00	31.54 2.04 0.00	31.82 1.90 0.00	28.22 1.63 0.00	25.13 1.43 0.00	24.65 1.42 0.00	31.50 1.83 0.00	37.25 2.08 0.00	38.69 2.13 0.00	38.74 1.97 0.00	39.37 1.94 0.00	47.69 2.33 0.00	25.56 1.17 0.00	30.49 1.35 0.00	25.79 0.96 0.00
HIGH_RIVER___SOLAR 323847	31.22 0.59 -15.26	8.62 0.31 0.00	15.55 0.57 0.00	15.63 0.57 0.00	16.94 0.62 0.00	17.39 0.63 0.00	23.54 0.88 0.00	24.19 0.96 0.00	23.16 0.98 0.00	21.87 0.64 0.00	29.91 0.41 0.00	30.66 0.73 0.00	27.13 0.54 0.00	24.12 0.42 0.00	23.62 0.39 0.00	30.37 0.70 0.00	36.40 1.25 0.00	37.97 1.41 0.00	38.18 1.41 0.00	38.86 1.43 0.00	47.09 1.73 0.00	25.29 0.90 0.00	30.18 1.03 0.00	25.64 0.81 0.00

HILLBURN___GT 23639	18.86 1.01 -2.48	8.83 0.52 0.00	15.86 0.89 0.00	15.94 0.87 0.00	17.28 0.95 0.00	17.68 0.92 0.00	23.91 1.25 0.00	24.61 1.39 0.00	23.63 1.45 0.00	22.72 1.50 0.00	31.58 2.08 0.00	32.04 2.12 0.00	28.47 1.88 0.00	25.37 1.67 0.00	24.84 1.61 0.00	31.68 2.01 0.00	37.35 2.19 0.00	38.71 2.15 0.00	38.62 1.85 0.00	39.29 1.86 0.00	47.62 2.26 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.76 0.93 0.00
HILLSIDE_115KV_TB1 80332	11.89 -0.72 2.77	7.97 -0.34 0.00	14.30 -0.67 0.00	14.44 -0.63 0.00	15.66 -0.66 0.00	16.10 -0.66 0.00	21.90 -0.76 0.00	22.44 -0.78 0.00	22.84 -0.59 -1.25	20.54 -0.68 0.00	28.58 -0.92 0.00	29.04 -0.88 0.00	25.72 -0.86 0.00	22.94 -0.76 0.00	22.41 -0.82 0.00	28.83 -0.84 0.00	34.10 -1.06 0.00	35.23 -1.33 0.00	35.56 -1.22 0.00	36.48 -0.95 0.00	44.18 -1.19 0.00	23.65 -0.74 0.00	28.51 -0.64 0.00	24.25 -0.59 0.00
HISHELDN_WT_PWR 323625	12.34 -1.58 1.45	7.53 -0.78 0.00	13.41 -1.57 0.00	13.49 -1.57 0.00	14.64 -1.68 0.00	15.00 -1.76 0.00	20.49 -2.17 0.00	21.01 -2.20 0.01	11.35 -2.00 8.83	19.19 -2.04 0.00	26.88 -2.63 0.00	27.40 -2.52 0.00	24.30 -2.29 0.00	21.59 -2.11 0.00	21.14 -2.09 0.00	27.21 -2.46 0.00	32.33 -2.83 0.00	33.65 -2.90 0.00	34.11 -2.67 0.00	34.94 -2.50 0.00	41.97 -3.39 0.00	22.49 -1.90 0.00	27.45 -1.70 0.00	23.70 -1.13 0.00
HOLTSVILLE_IC_1 23690	19.43 1.32 -2.74	9.00 0.69 0.00	16.13 1.16 0.00	16.26 1.20 0.00	17.49 1.17 0.00	17.78 1.03 0.00	23.98 1.32 0.00	24.57 1.34 0.00	23.90 1.72 0.00	23.24 2.02 0.00	32.36 2.86 0.00	32.88 2.95 0.00	29.19 2.61 0.00	25.67 1.97 0.00	25.14 1.91 0.00	32.05 2.38 0.00	37.42 2.26 0.00	38.37 1.82 0.00	38.32 1.55 0.00	38.80 1.38 0.00	47.24 1.87 0.00	25.75 1.35 0.00	30.83 1.68 0.00	26.04 1.20 0.00
HOLTSVILLE_IC_10 23699	19.49 1.38 -2.74	9.03 0.72 0.00	16.18 1.21 0.00	16.32 1.25 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.67 1.45 0.00	24.02 1.84 0.00	23.36 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.32 2.74 0.00	25.76 2.06 0.00	25.24 2.01 0.00	32.21 2.54 0.00	37.61 2.44 0.00	38.56 2.00 0.00	38.52 1.75 0.00	39.00 1.57 0.00	47.46 2.10 0.00	25.89 1.50 0.00	30.99 1.84 0.00	26.15 1.32 0.00
HOLTSVILLE_IC_2 23691	19.43 1.32 -2.74	9.00 0.69 0.00	16.13 1.16 0.00	16.26 1.20 0.00	17.49 1.17 0.00	17.78 1.03 0.00	23.98 1.32 0.00	24.57 1.34 0.00	23.90 1.72 0.00	23.24 2.02 0.00	32.36 2.86 0.00	32.88 2.95 0.00	29.19 2.61 0.00	25.67 1.97 0.00	25.14 1.91 0.00	32.05 2.38 0.00	37.42 2.26 0.00	38.37 1.82 0.00	38.32 1.55 0.00	38.80 1.38 0.00	47.24 1.87 0.00	25.75 1.35 0.00	30.83 1.68 0.00	26.04 1.20 0.00
HOLTSVILLE_IC_3 23692	19.43 1.32 -2.74	9.00 0.69 0.00	16.13 1.16 0.00	16.26 1.20 0.00	17.49 1.17 0.00	17.78 1.03 0.00	23.98 1.32 0.00	24.57 1.34 0.00	23.90 1.72 0.00	23.24 2.02 0.00	32.36 2.86 0.00	32.88 2.95 0.00	29.19 2.61 0.00	25.67 1.97 0.00	25.14 1.91 0.00	32.05 2.38 0.00	37.42 2.26 0.00	38.37 1.82 0.00	38.32 1.55 0.00	38.80 1.38 0.00	47.24 1.87 0.00	25.75 1.35 0.00	30.83 1.68 0.00	26.04 1.20 0.00
HOLTSVILLE_IC_4 23693	19.43 1.32 -2.74	9.00 0.69 0.00	16.13 1.16 0.00	16.26 1.20 0.00	17.49 1.17 0.00	17.78 1.03 0.00	23.98 1.32 0.00	24.57 1.34 0.00	23.90 1.72 0.00	23.24 2.02 0.00	32.36 2.86 0.00	32.88 2.95 0.00	29.19 2.61 0.00	25.67 1.97 0.00	25.14 1.91 0.00	32.05 2.38 0.00	37.42 2.26 0.00	38.37 1.82 0.00	38.32 1.55 0.00	38.80 1.38 0.00	47.24 1.87 0.00	25.75 1.35 0.00	30.83 1.68 0.00	26.04 1.20 0.00
HOLTSVILLE_IC_5 23694	19.43 1.32 -2.74	9.00 0.69 0.00	16.13 1.16 0.00	16.26 1.20 0.00	17.49 1.17 0.00	17.78 1.03 0.00	23.98 1.32 0.00	24.57 1.34 0.00	23.90 1.72 0.00	23.24 2.02 0.00	32.36 2.86 0.00	32.88 2.95 0.00	29.19 2.61 0.00	25.67 1.97 0.00	25.14 1.91 0.00	32.05 2.38 0.00	37.42 2.26 0.00	38.37 1.82 0.00	38.32 1.55 0.00	38.80 1.38 0.00	47.24 1.87 0.00	25.75 1.35 0.00	30.83 1.68 0.00	26.04 1.20 0.00
HOLTSVILLE_IC_6 23695	19.49 1.38 -2.74	9.03 0.72 0.00	16.18 1.21 0.00	16.32 1.25 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.67 1.45 0.00	24.02 1.84 0.00	23.36 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.32 2.74 0.00	25.76 2.06 0.00	25.24 2.01 0.00	32.21 2.54 0.00	37.61 2.44 0.00	38.56 2.00 0.00	38.52 1.75 0.00	39.00 1.57 0.00	47.46 2.10 0.00	25.89 1.50 0.00	30.99 1.84 0.00	26.15 1.32 0.00
HOLTSVILLE_IC_7 23696	19.49 1.38 -2.74	9.03 0.72 0.00	16.18 1.21 0.00	16.32 1.25 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.67 1.45 0.00	24.02 1.84 0.00	23.36 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.32 2.74 0.00	25.76 2.06 0.00	25.24 2.01 0.00	32.21 2.54 0.00	37.61 2.44 0.00	38.56 2.00 0.00	38.52 1.75 0.00	39.00 1.57 0.00	47.46 2.10 0.00	25.89 1.50 0.00	30.99 1.84 0.00	26.15 1.32 0.00
HOLTSVILLE_IC_8 23697	19.49 1.38 -2.74	9.03 0.72 0.00	16.18 1.21 0.00	16.32 1.25 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.67 1.45 0.00	24.02 1.84 0.00	23.36 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.32 2.74 0.00	25.76 2.06 0.00	25.24 2.01 0.00	32.21 2.54 0.00	37.61 2.44 0.00	38.56 2.00 0.00	38.52 1.75 0.00	39.00 1.57 0.00	47.46 2.10 0.00	25.89 1.50 0.00	30.99 1.84 0.00	26.15 1.32 0.00
HOLTSVILLE_IC_9 23698	19.49 1.38 -2.74	9.03 0.72 0.00	16.18 1.21 0.00	16.32 1.25 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.67 1.45 0.00	24.02 1.84 0.00	23.36 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.32 2.74 0.00	25.76 2.06 0.00	25.24 2.01 0.00	32.21 2.54 0.00	37.61 2.44 0.00	38.56 2.00 0.00	38.52 1.75 0.00	39.00 1.57 0.00	47.46 2.10 0.00	25.89 1.50 0.00	30.99 1.84 0.00	26.15 1.32 0.00
HOMER_HL_115KV_TB2 355744	12.93 -0.94 1.51	7.87 -0.44 0.00	14.09 -0.88 0.00	14.22 -0.85 0.00	15.42 -0.90 0.00	15.83 -0.93 0.00	21.61 -1.05 0.00	22.14 -1.08 0.00	20.63 -0.82 0.73	20.22 -1.00 0.00	28.28 -1.22 0.00	28.88 -1.04 0.00	25.62 -0.96 0.00	22.85 -0.85 0.00	22.30 -0.93 0.00	28.70 -0.97 0.00	33.91 -1.26 0.00	35.06 -1.50 0.00	35.41 -1.37 0.00	36.45 -0.98 0.00	44.04 -1.32 0.00	23.65 -0.74 0.00	28.94 -0.21 0.00	24.75 -0.08 0.00
HOWARD_WT_PWR 323690	10.75 -1.66 2.97	7.41 -0.90 0.00	13.23 -1.74 0.00	13.33 -1.74 0.00	14.57 -1.75 0.00	14.93 -1.83 0.00	20.38 -2.28 0.00	21.03 -2.21 -0.01	30.14 -2.04 -9.99	19.06 -2.17 0.00	26.47 -3.03 0.00	26.94 -2.99 0.00	24.05 -2.54 0.00	21.63 -2.07 0.00	21.26 -1.98 0.00	27.36 -2.31 0.00	32.47 -2.69 0.00	33.73 -2.83 0.00	34.57 -2.21 0.00	35.46 -1.97 0.00	42.54 -2.82 0.00	22.67 -1.73 0.00	27.28 -1.87 0.00	23.47 -1.36 0.00

HQ_GEN_CEDARS 23644	35.28 0.28 -19.63	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.10 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.86 0.97 -26.66	50.08 0.97 -26.93	49.51 0.73 -27.56	62.77 1.08 -32.19	61.11 0.61 -30.58	55.37 0.40 -28.38	50.58 0.38 -26.50	43.08 0.30 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.57 0.00	26.98 2.14 0.00
HQ_GEN_CEDARS_PROXY 323590	34.54 0.28 -18.89	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.11 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.85 0.97 -26.66	50.08 0.97 -26.93	49.50 0.72 -27.56	64.62 1.07 -34.05	61.09 0.59 -30.58	55.36 0.39 -28.38	50.57 0.37 -26.50	43.07 0.29 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.56 0.00	26.98 2.14 0.00
HQ_GEN_IMPORT 323601	14.08 -0.09 1.21	7.83 -0.05 0.44	13.83 -0.09 1.06	13.50 -0.09 1.47	14.72 -0.09 1.51	15.29 -0.06 1.40	20.98 -0.06 1.62	21.49 -0.09 1.64	20.30 -0.21 1.67	19.35 -0.18 1.70	27.44 -0.08 1.98	27.98 -0.07 1.88	24.79 -0.05 1.75	22.00 -0.07 1.63	21.95 -0.08 1.20	29.64 -0.02 0.00	35.19 0.03 0.00	36.66 0.11 0.00	36.99 0.21 0.00	37.65 0.22 0.00	45.62 0.26 0.00	24.55 0.15 0.00	29.37 0.22 0.00	25.09 0.26 0.00
HQ_GEN_WHEEL 23651	14.08 -0.09 1.21	7.83 -0.05 0.44	13.83 -0.09 1.06	13.50 -0.09 1.47	14.72 -0.09 1.51	15.29 -0.06 1.40	20.98 -0.06 1.62	21.49 -0.09 1.64	20.30 -0.21 1.67	19.35 -0.18 1.70	27.44 -0.08 1.98	27.98 -0.07 1.88	24.79 -0.05 1.75	22.00 -0.07 1.63	21.95 -0.08 1.20	29.64 -0.02 0.00	35.19 0.03 0.00	36.66 0.11 0.00	36.99 0.21 0.00	37.65 0.22 0.00	45.62 0.26 0.00	24.55 0.15 0.00	29.37 0.22 0.00	25.09 0.26 0.00
HUDSON AVE_GT_3 23810	19.31 1.20 -2.74	8.93 0.61 0.00	16.03 1.06 0.00	16.11 1.05 0.00	17.45 1.13 0.00	17.87 1.12 0.00	24.15 1.49 0.00	24.89 1.66 0.00	23.94 1.77 0.00	23.03 1.81 0.00	32.03 2.53 0.00	32.50 2.58 0.00	28.88 2.29 0.00	25.74 2.05 0.00	25.20 1.97 0.00	32.11 2.44 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.96 2.19 0.00	39.59 2.17 0.00	48.02 2.66 0.00	25.77 1.38 0.00	30.76 1.62 0.00	26.03 1.20 0.00
HUDSON AVE_GT_4 23540	19.31 1.20 -2.74	8.93 0.61 0.00	16.03 1.06 0.00	16.11 1.05 0.00	17.45 1.13 0.00	17.87 1.12 0.00	24.15 1.49 0.00	24.89 1.66 0.00	23.94 1.77 0.00	23.03 1.81 0.00	32.03 2.53 0.00	32.50 2.58 0.00	28.88 2.29 0.00	25.74 2.05 0.00	25.20 1.97 0.00	32.11 2.44 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.96 2.19 0.00	39.59 2.17 0.00	48.02 2.66 0.00	25.77 1.38 0.00	30.76 1.62 0.00	26.03 1.20 0.00
HUDSON AVE_GT_5 23657	19.31 1.20 -2.74	8.93 0.61 0.00	16.03 1.06 0.00	16.11 1.05 0.00	17.45 1.13 0.00	17.87 1.12 0.00	24.15 1.49 0.00	24.89 1.66 0.00	23.94 1.77 0.00	23.03 1.81 0.00	32.03 2.53 0.00	32.50 2.58 0.00	28.88 2.29 0.00	25.74 2.05 0.00	25.20 1.97 0.00	32.11 2.44 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.96 2.19 0.00	39.59 2.17 0.00	48.02 2.66 0.00	25.77 1.38 0.00	30.76 1.62 0.00	26.03 1.20 0.00
HUDSON_AVE_10 24168	19.24 1.13 -2.74	8.89 0.58 0.00	15.96 0.98 0.00	16.04 0.97 0.00	17.38 1.06 0.00	17.79 1.04 0.00	24.03 1.37 0.00	24.78 1.55 0.00	23.83 1.65 0.00	22.93 1.70 0.00	31.88 2.38 0.00	32.34 2.42 0.00	28.74 2.16 0.00	25.62 1.92 0.00	25.08 1.85 0.00	31.94 2.27 0.00	37.59 2.44 0.00	38.86 2.31 0.00	38.77 1.99 0.00	39.41 1.98 0.00	47.82 2.46 0.00	25.66 1.26 0.00	30.64 1.49 0.00	25.93 1.09 0.00
HUDSON___115KV_TB 4 355613	-38.71 0.76 54.84	8.70 0.39 0.00	15.71 0.73 0.00	15.85 0.79 0.00	17.14 0.82 0.00	17.58 0.83 0.00	23.82 1.16 0.00	24.47 1.25 0.00	23.46 1.28 0.00	22.38 1.16 0.00	30.72 1.22 0.00	30.97 1.04 0.00	27.49 0.91 0.00	24.61 0.91 0.00	24.06 0.83 0.00	30.69 1.02 0.00	36.48 1.32 0.00	38.17 1.61 0.00	38.45 1.68 0.00	39.11 1.68 0.00	47.47 2.11 0.00	25.47 1.08 0.00	30.32 1.17 0.00	25.74 0.90 0.00
HUNTER MOUNT___DRP 323613	-25.09 0.79 41.25	8.72 0.41 0.00	15.74 0.76 0.00	15.89 0.83 0.00	17.18 0.86 0.00	17.64 0.89 0.00	23.91 1.25 0.00	24.59 1.36 0.00	23.57 1.39 0.00	22.45 1.23 0.00	30.66 1.16 0.00	30.94 1.02 0.00	27.45 0.87 0.00	24.58 0.88 0.00	24.02 0.79 0.00	30.66 0.99 0.00	36.49 1.33 0.00	38.29 1.73 0.00	38.64 1.86 0.00	39.29 1.86 0.00	47.69 2.34 0.00	25.59 1.20 0.00	30.44 1.29 0.00	25.84 1.01 0.00
HUNTINGTON_RES_REC 323705	19.33 1.21 -2.74	8.95 0.64 0.00	16.04 1.06 0.00	16.17 1.10 0.00	17.39 1.07 0.00	17.69 0.93 0.00	23.85 1.18 0.00	24.44 1.22 0.00	23.75 1.57 0.00	23.10 1.88 0.00	32.22 2.71 0.00	32.72 2.79 0.00	29.08 2.49 0.00	25.58 1.89 0.00	25.06 1.83 0.00	31.98 2.31 0.00	37.33 2.16 0.00	38.27 1.72 0.00	38.21 1.44 0.00	38.71 1.28 0.00	47.10 1.74 0.00	25.60 1.21 0.00	30.65 1.51 0.00	25.89 1.06 0.00
HUNTLEY___63 23557	12.84 -1.43 1.10	7.61 -0.70 0.00	13.60 -1.38 0.00	13.67 -1.39 0.00	14.78 -1.54 0.00	15.15 -1.60 0.00	20.79 -1.87 0.00	21.30 -1.92 0.00	17.66 -1.75 2.76	19.43 -1.79 0.00	27.25 -2.26 0.00	27.80 -2.13 0.00	24.61 -1.97 0.00	21.77 -1.93 0.00	21.32 -1.91 0.00	27.37 -2.30 0.00	32.46 -2.70 0.00	33.81 -2.75 0.00	34.22 -2.55 0.00	34.89 -2.53 0.00	41.79 -3.58 0.00	22.44 -1.95 0.00	27.53 -1.61 0.00	23.83 -1.01 0.00
HUNTLEY___64 23558	12.84 -1.43 1.10	7.61 -0.70 0.00	13.60 -1.38 0.00	13.67 -1.39 0.00	14.78 -1.54 0.00	15.15 -1.60 0.00	20.79 -1.87 0.00	21.30 -1.92 0.00	17.66 -1.75 2.76	19.43 -1.79 0.00	27.25 -2.26 0.00	27.80 -2.13 0.00	24.61 -1.97 0.00	21.77 -1.93 0.00	21.32 -1.91 0.00	27.37 -2.30 0.00	32.46 -2.70 0.00	33.81 -2.75 0.00	34.22 -2.55 0.00	34.89 -2.53 0.00	41.79 -3.58 0.00	22.44 -1.95 0.00	27.53 -1.61 0.00	23.83 -1.01 0.00
HUNTLEY___65 23559	12.84 -1.43 1.10	7.61 -0.70 0.00	13.60 -1.38 0.00	13.67 -1.39 0.00	14.78 -1.54 0.00	15.15 -1.60 0.00	20.79 -1.87 0.00	21.30 -1.92 0.00	17.66 -1.75 2.76	19.43 -1.79 0.00	27.25 -2.26 0.00	27.80 -2.13 0.00	24.61 -1.97 0.00	21.77 -1.93 0.00	21.32 -1.91 0.00	27.37 -2.30 0.00	32.46 -2.70 0.00	33.81 -2.75 0.00	34.22 -2.55 0.00	34.89 -2.53 0.00	41.79 -3.58 0.00	22.44 -1.95 0.00	27.53 -1.61 0.00	23.83 -1.01 0.00
HUNTLEY___66 23560	12.84 -1.43 1.10	7.61 -0.70 0.00	13.60 -1.38 0.00	13.67 -1.39 0.00	14.78 -1.54 0.00	15.15 -1.60 0.00	20.79 -1.87 0.00	21.30 -1.92 0.00	17.66 -1.75 2.76	19.43 -1.79 0.00	27.25 -2.26 0.00	27.80 -2.13 0.00	24.61 -1.97 0.00	21.77 -1.93 0.00	21.32 -1.91 0.00	27.37 -2.30 0.00	32.46 -2.70 0.00	33.81 -2.75 0.00	34.22 -2.55 0.00	34.89 -2.53 0.00	41.79 -3.58 0.00	22.44 -1.95 0.00	27.53 -1.61 0.00	23.83 -1.01 0.00

HUNTLEY___67 23561	12.71 -1.52 1.14	7.57 -0.75 0.00	13.52 -1.46 0.00	13.60 -1.47 0.00	14.71 -1.61 0.00	15.07 -1.68 0.00	20.66 -2.00 0.00	21.17 -2.05 0.00	17.09 -1.89 3.20	19.31 -1.91 0.00	27.06 -2.44 0.00	27.61 -2.31 0.00	24.45 -2.13 0.00	21.65 -2.05 0.00	21.20 -2.03 0.00	27.22 -2.45 0.00	32.29 -2.87 0.00	33.62 -2.93 0.00	34.02 -2.76 0.00	34.73 -2.70 0.00	41.61 -3.75 0.00	22.36 -2.04 0.00	27.40 -1.75 0.00	23.70 -1.13 0.00
HUNTLEY___68 23562	12.71 -1.52 1.14	7.57 -0.75 0.00	13.52 -1.46 0.00	13.60 -1.47 0.00	14.71 -1.61 0.00	15.07 -1.68 0.00	20.66 -2.00 0.00	21.17 -2.05 0.00	17.09 -1.89 3.20	19.31 -1.91 0.00	27.06 -2.44 0.00	27.61 -2.31 0.00	24.45 -2.13 0.00	21.65 -2.05 0.00	21.20 -2.03 0.00	27.22 -2.45 0.00	32.29 -2.87 0.00	33.62 -2.93 0.00	34.02 -2.76 0.00	34.73 -2.70 0.00	41.61 -3.75 0.00	22.36 -2.04 0.00	27.40 -1.75 0.00	23.70 -1.13 0.00
HYLAND___LFGE 323620	13.12 -0.59 1.67	8.02 -0.30 0.00	14.35 -0.63 0.00	14.41 -0.66 0.00	15.64 -0.68 0.00	16.10 -0.65 0.00	22.07 -0.60 0.00	22.75 -0.49 -0.02	32.91 -0.42 -11.15	20.57 -0.65 0.00	28.70 -0.80 0.00	29.26 -0.66 0.00	25.80 -0.79 0.00	23.05 -0.64 0.00	22.57 -0.66 0.00	28.98 -0.69 0.00	34.48 -0.68 0.00	36.13 -0.42 0.00	36.88 0.10 0.00	37.67 0.24 0.00	45.34 -0.02 0.00	24.23 -0.16 0.00	29.25 0.10 0.00	25.04 0.21 0.00
INDECK___CORINTH 23802	39.69 0.71 -23.60	8.65 0.34 0.00	15.64 0.66 0.00	15.74 0.68 0.00	17.07 0.75 0.00	17.54 0.78 0.00	23.78 1.11 0.00	24.44 1.22 0.00	23.42 1.24 0.00	22.32 1.09 0.00	30.65 1.15 0.00	31.17 1.25 0.00	27.51 0.92 0.00	24.56 0.87 0.00	23.95 0.72 0.00	30.63 0.97 0.00	36.53 1.37 0.00	38.03 1.47 0.00	38.24 1.46 0.00	38.79 1.36 0.00	47.08 1.72 0.00	25.28 0.89 0.00	30.17 1.02 0.00	25.55 0.71 0.00
INDECK___ILION 23567	15.53 0.16 0.00	8.38 0.07 0.00	15.12 0.15 0.00	15.24 0.17 0.00	16.50 0.18 0.00	16.91 0.16 0.00	22.86 0.20 0.00	23.48 0.26 0.00	22.54 0.36 0.00	21.43 0.21 0.00	29.47 -0.03 0.00	30.02 0.10 0.00	26.56 -0.02 0.00	23.73 0.04 0.00	23.26 0.03 0.00	29.75 0.08 0.00	35.36 0.20 0.00	36.75 0.20 0.00	36.92 0.15 0.00	37.55 0.12 0.00	45.66 0.30 0.00	24.54 0.15 0.00	29.23 0.08 0.00	24.75 -0.09 0.00
INDECK___OLEAN 23982	12.93 -0.94 1.51	7.87 -0.44 0.00	14.09 -0.89 0.00	14.21 -0.85 0.00	15.42 -0.90 0.00	15.83 -0.93 0.00	21.61 -1.05 0.00	22.14 -1.09 0.00	20.64 -0.81 0.73	21.01 -1.01 0.00	28.29 -1.21 0.00	28.88 -1.04 0.00	25.62 -0.96 0.00	22.85 -0.85 0.00	22.29 -0.93 0.00	28.70 -0.97 0.00	33.91 -1.26 0.00	35.06 -1.49 0.00	35.41 -1.37 0.00	36.46 -0.97 0.00	44.04 -1.32 0.00	23.65 -0.74 0.00	28.94 -0.21 0.00	24.75 -0.08 0.00
INDECK___OSWEGO 23783	15.80 -0.44 -0.87	8.40 -0.23 -0.32	15.30 -0.44 -0.76	15.68 -0.44 -1.06	16.93 -0.48 -1.09	17.27 -0.49 -1.01	23.15 -0.67 -1.17	23.71 -0.70 -1.18	22.76 -0.62 -1.20	21.83 -0.62 -1.22	29.98 -0.95 -1.43	30.27 -1.01 -1.36	26.56 -0.89 -0.87	22.93 -0.77 0.00	22.49 -0.75 0.00	28.67 -1.00 0.00	34.02 -1.14 0.00	35.35 -1.21 0.00	35.65 -1.13 0.00	36.29 -1.15 0.00	43.93 -1.43 0.00	23.65 -0.74 0.00	28.26 -0.89 0.00	24.09 -0.75 0.00
INDECK___YERKES 23781	12.86 -1.42 1.10	7.62 -0.69 0.00	13.61 -1.37 0.00	13.69 -1.38 0.00	14.80 -1.53 0.00	15.16 -1.59 0.00	20.81 -1.85 0.00	21.32 -1.91 0.00	17.70 -1.72 2.76	19.46 -1.76 0.00	27.30 -2.20 0.00	27.84 -2.08 0.00	24.64 -1.94 0.00	21.79 -1.91 0.00	21.34 -1.88 0.00	27.40 -2.27 0.00	32.50 -2.66 0.00	33.84 -2.71 0.00	34.26 -2.52 0.00	34.93 -2.49 0.00	41.83 -3.53 0.00	22.46 -1.93 0.00	27.56 -1.59 0.00	23.85 -0.98 0.00
INDIAN POINT_GT_1 24139	19.06 1.01 -2.69	8.83 0.51 0.00	15.86 0.88 0.00	15.94 0.88 0.00	17.27 0.95 0.00	17.68 0.92 0.00	23.90 1.24 0.00	24.60 1.38 0.00	23.65 1.46 0.00	22.74 1.51 0.00	31.59 2.10 0.00	32.04 2.12 0.00	28.46 1.88 0.00	25.37 1.67 0.00	24.84 1.61 0.00	31.67 2.00 0.00	37.32 2.16 0.00	38.65 2.09 0.00	38.57 1.80 0.00	39.22 1.79 0.00	47.57 2.21 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.76 0.93 0.00
INDIAN POINT_GT_2 23659	19.06 1.01 -2.69	8.83 0.51 0.00	15.86 0.88 0.00	15.94 0.88 0.00	17.27 0.95 0.00	17.68 0.92 0.00	23.90 1.24 0.00	24.60 1.38 0.00	23.65 1.46 0.00	22.74 1.51 0.00	31.59 2.10 0.00	32.04 2.12 0.00	28.46 1.88 0.00	25.37 1.67 0.00	24.84 1.61 0.00	31.67 2.00 0.00	37.32 2.16 0.00	38.65 2.09 0.00	38.57 1.80 0.00	39.22 1.79 0.00	47.57 2.21 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.76 0.93 0.00
INDIAN POINT_GT_3 24019	19.06 1.01 -2.69	8.83 0.51 0.00	15.86 0.88 0.00	15.94 0.88 0.00	17.27 0.95 0.00	17.68 0.92 0.00	23.90 1.24 0.00	24.60 1.38 0.00	23.65 1.46 0.00	22.74 1.51 0.00	31.59 2.10 0.00	32.04 2.12 0.00	28.46 1.88 0.00	25.37 1.67 0.00	24.84 1.61 0.00	31.67 2.00 0.00	37.32 2.16 0.00	38.65 2.09 0.00	38.57 1.80 0.00	39.22 1.79 0.00	47.57 2.21 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.76 0.93 0.00
INDIAN POINT___2 23530	18.98 1.00 -2.61	8.82 0.51 0.00	15.85 0.88 0.00	15.93 0.87 0.00	17.26 0.94 0.00	17.67 0.92 0.00	23.88 1.22 0.00	24.58 1.36 0.00	23.62 1.44 0.00	22.71 1.49 0.00	31.57 2.07 0.00	32.02 2.10 0.00	28.45 1.86 0.00	25.35 1.65 0.00	24.82 1.59 0.00	31.64 1.97 0.00	37.28 2.12 0.00	38.62 2.06 0.00	38.54 1.77 0.00	39.20 1.77 0.00	47.53 2.17 0.00	25.48 1.09 0.00	30.41 1.26 0.00	25.74 0.91 0.00
INDIAN POINT___3 23531	19.06 1.00 -2.69	8.82 0.51 0.00	15.85 0.88 0.00	15.93 0.87 0.00	17.26 0.94 0.00	17.67 0.92 0.00	23.88 1.22 0.00	24.59 1.36 0.00	23.62 1.45 0.00	22.72 1.49 0.00	31.57 2.06 0.00	32.01 2.09 0.00	28.44 1.85 0.00	25.35 1.65 0.00	24.82 1.59 0.00	31.64 1.97 0.00	37.28 2.12 0.00	38.62 2.06 0.00	38.55 1.77 0.00	39.19 1.76 0.00	47.53 2.17 0.00	25.49 1.10 0.00	30.41 1.26 0.00	25.74 0.91 0.00
INGHAM_C_115KV_TB7 356103	15.63 0.25 0.00	8.41 0.10 0.00	15.21 0.24 0.00	15.37 0.30 0.00	16.61 0.29 0.00	17.01 0.26 0.00	22.97 0.30 0.00	23.65 0.42 0.00	22.80 0.62 0.00	21.49 0.27 0.00	29.17 -0.33 0.00	29.91 -0.01 0.00	26.29 -0.29 0.00	23.57 -0.12 0.00	23.09 -0.14 0.00	29.61 -0.06 0.00	35.35 0.19 0.00	36.77 0.22 0.00	36.89 0.11 0.00	37.48 0.05 0.00	45.77 0.41 0.00	24.61 0.21 0.00	29.19 0.04 0.00	24.51 -0.32 0.00
IP CORINTH___1 23988	39.76 0.79 -23.60	8.69 0.38 0.00	15.71 0.74 0.00	15.81 0.75 0.00	17.15 0.83 0.00	17.62 0.86 0.00	23.89 1.22 0.00	24.56 1.34 0.00	23.53 1.35 0.00	22.42 1.20 0.00	30.79 1.29 0.00	31.31 1.39 0.00	27.64 1.05 0.00	24.68 0.98 0.00	24.07 0.84 0.00	30.79 1.13 0.00	36.72 1.56 0.00	38.22 1.66 0.00	38.42 1.65 0.00	38.99 1.56 0.00	47.31 1.95 0.00	25.41 1.01 0.00	30.32 1.17 0.00	25.67 0.84 0.00

IP__TICONDEROGA 23804	41.36 1.49 -24.50	8.98 0.67 0.00	16.39 1.42 0.00	16.53 1.46 0.00	17.99 1.67 0.00	18.44 1.69 0.00	25.04 2.38 0.00	25.79 2.57 0.00	24.63 2.45 0.00	23.42 2.20 0.00	32.12 2.62 0.00	32.62 2.71 0.00	28.74 2.16 0.00	25.86 2.16 0.00	24.99 1.76 0.00	31.86 2.19 0.00	38.37 3.21 0.00	40.04 3.48 0.00	40.20 3.43 0.00	40.88 3.45 0.00	49.55 4.20 0.00	26.64 2.25 0.00	31.74 2.59 0.00	26.74 1.91 0.00
ISLIP_RES_REC 323679	19.53 1.42 -2.74	9.06 0.75 0.00	16.23 1.25 0.00	16.36 1.29 0.00	17.59 1.27 0.00	17.90 1.15 0.00	24.16 1.49 0.00	24.76 1.54 0.00	24.12 1.94 0.00	23.45 2.23 0.00	32.66 3.16 0.00	33.18 3.25 0.00	29.44 2.86 0.00	25.83 2.14 0.00	25.33 2.10 0.00	32.34 2.67 0.00	37.76 2.60 0.00	38.74 2.19 0.00	38.71 1.93 0.00	39.18 1.75 0.00	47.67 2.31 0.00	25.99 1.60 0.00	31.09 1.95 0.00	26.23 1.40 0.00
JAMAICA__27_KV_LOAD 355505	19.31 1.20 -2.74	8.93 0.61 0.00	16.02 1.05 0.00	16.10 1.03 0.00	17.45 1.12 0.00	17.87 1.12 0.00	24.13 1.47 0.00	24.88 1.65 0.00	23.90 1.72 0.00	23.01 1.79 0.00	31.99 2.49 0.00	32.44 2.52 0.00	28.83 2.25 0.00	25.67 1.98 0.00	25.13 1.90 0.00	31.99 2.32 0.00	37.69 2.53 0.00	38.95 2.40 0.00	38.89 2.11 0.00	39.58 2.16 0.00	48.10 2.74 0.00	25.78 1.38 0.00	30.85 1.70 0.00	26.08 1.25 0.00
JANIS__SOLAR 323808	19.19 0.17 -3.64	8.40 0.09 0.00	15.08 0.11 0.00	15.23 0.17 0.00	16.52 0.19 0.00	17.08 0.33 0.00	23.24 0.58 0.00	23.82 0.59 0.00	23.55 0.56 -0.80	21.38 0.16 0.00	29.50 0.00 0.00	29.66 -0.27 0.00	26.25 -0.33 0.00	23.44 -0.26 0.00	23.19 -0.04 0.00	29.83 0.17 0.00	35.76 0.60 0.00	37.29 0.73 0.00	37.65 0.88 0.00	38.26 0.83 0.00	46.32 0.95 0.00	24.80 0.41 0.00	29.63 0.49 0.00	25.14 0.30 0.00
JARVIS____ 23743	15.44 0.07 0.00	8.35 0.03 0.00	15.05 0.07 0.00	15.14 0.07 0.00	16.40 0.08 0.00	16.82 0.07 0.00	22.75 0.09 0.00	23.33 0.10 0.00	22.32 0.13 0.00	21.35 0.12 0.00	29.60 0.10 0.00	30.01 0.09 0.00	26.67 0.08 0.00	23.78 0.08 0.00	23.32 0.09 0.00	29.76 0.09 0.00	35.26 0.10 0.00	36.61 0.06 0.00	36.81 0.04 0.00	37.49 0.06 0.00	45.45 0.09 0.00	24.44 0.05 0.00	29.18 0.03 0.00	24.83 0.00 0.00
JENNISON__1 23625	16.24 0.10 -0.78	8.38 0.06 0.00	15.05 0.07 0.00	15.19 0.13 0.00	16.50 0.17 0.00	17.11 0.35 0.00	23.24 0.58 0.00	23.56 0.34 0.00	22.52 0.34 0.00	21.48 0.25 0.00	29.56 0.06 0.00	29.94 0.02 0.00	26.47 -0.11 0.00	23.63 -0.07 0.00	23.23 0.00 0.00	29.79 0.12 0.00	35.56 0.40 0.00	37.04 0.48 0.00	37.46 0.68 0.00	38.00 0.57 0.00	46.19 0.83 0.00	24.69 0.30 0.00	29.47 0.32 0.00	24.93 0.09 0.00
JENNISON__2 23626	16.24 0.10 -0.78	8.38 0.06 0.00	15.05 0.07 0.00	15.19 0.13 0.00	16.50 0.17 0.00	17.11 0.35 0.00	23.24 0.58 0.00	23.56 0.34 0.00	22.52 0.34 0.00	21.48 0.25 0.00	29.56 0.06 0.00	29.94 0.02 0.00	26.47 -0.11 0.00	23.63 -0.07 0.00	23.23 0.00 0.00	29.79 0.12 0.00	35.56 0.40 0.00	37.04 0.48 0.00	37.46 0.68 0.00	38.00 0.57 0.00	46.19 0.83 0.00	24.69 0.30 0.00	29.47 0.32 0.00	24.93 0.09 0.00
JERICHO_RISE_WT_PWR 323719	-16.65 -0.52 31.50	-3.42 -0.26 11.47	-13.14 -0.49 27.62	-23.81 -0.54 38.34	-23.80 -0.56 39.56	-22.74 -0.45 39.04	-23.04 -0.54 45.16	-23.15 -0.57 45.81	-24.96 -0.72 46.41	-26.79 -0.65 47.36	-26.57 -0.76 55.31	-23.48 -0.86 52.55	-30.01 -0.81 55.79	-43.65 -0.84 66.50	-26.63 -0.81 49.05	29.34 -0.32 0.00	35.07 -0.09 0.00	36.92 0.36 0.00	37.57 0.79 0.00	38.37 0.94 0.00	46.65 1.30 0.00	25.15 0.76 0.00	30.10 0.96 0.00	25.78 0.95 0.00
KATONAH__115KV_46KV_TB4 355592	19.15 1.07 -2.71	8.86 0.55 0.00	15.92 0.95 0.00	16.00 0.94 0.00	17.33 1.01 0.00	17.76 1.01 0.00	24.01 1.35 0.00	24.73 1.51 0.00	23.79 1.61 0.00	22.87 1.65 0.00	31.78 2.28 0.00	32.21 2.28 0.00	28.61 2.02 0.00	25.50 1.81 0.00	24.98 1.75 0.00	31.86 2.19 0.00	37.54 2.39 0.00	38.88 2.32 0.00	38.83 2.06 0.00	39.46 2.04 0.00	47.84 2.48 0.00	25.66 1.27 0.00	30.60 1.45 0.00	25.89 1.05 0.00
KCE_NY_1 323755	41.99 0.86 -25.76	8.75 0.44 0.00	15.78 0.81 0.00	15.89 0.82 0.00	17.22 0.90 0.00	17.69 0.94 0.00	23.96 1.30 0.00	24.62 1.40 0.00	23.58 1.41 0.00	22.47 1.25 0.00	30.94 1.44 0.00	31.46 1.54 0.00	27.84 1.26 0.00	24.84 1.14 0.00	24.31 1.08 0.00	31.07 1.40 0.00	36.95 1.79 0.00	38.45 1.90 0.00	38.59 1.82 0.00	39.23 1.80 0.00	47.64 2.28 0.00	25.58 1.19 0.00	30.49 1.34 0.00	25.86 1.03 0.00
KCE_NY_6_ESR 323823	12.81 -1.35 1.21	7.66 -0.66 0.00	13.68 -1.30 0.00	13.76 -1.31 0.00	14.89 -1.43 0.00	15.26 -1.49 0.00	20.92 -1.74 0.00	21.44 -1.78 0.00	17.26 -1.58 3.34	19.59 -1.63 0.00	27.49 -2.01 0.00	28.02 -1.90 0.00	24.81 -1.78 0.00	21.98 -1.71 0.00	21.52 -1.71 0.00	27.66 -2.00 0.00	32.84 -2.32 0.00	34.18 -2.38 0.00	34.55 -2.22 0.00	35.32 -2.11 0.00	42.33 -3.03 0.00	22.71 -1.68 0.00	27.80 -1.35 0.00	24.02 -0.81 0.00
KEDC_PORT_JEFF_GT2 24210	19.47 1.36 -2.74	9.02 0.71 0.00	16.17 1.19 0.00	16.30 1.23 0.00	17.52 1.20 0.00	17.83 1.07 0.00	24.04 1.38 0.00	24.64 1.41 0.00	23.98 1.81 0.00	23.33 2.10 0.00	32.48 2.98 0.00	32.99 3.07 0.00	29.29 2.71 0.00	25.73 2.03 0.00	25.21 1.98 0.00	32.17 2.51 0.00	37.56 2.40 0.00	38.52 1.97 0.00	38.49 1.72 0.00	38.98 1.55 0.00	47.44 2.09 0.00	25.87 1.48 0.00	30.96 1.82 0.00	26.13 1.30 0.00
KEDC_PORT_JEFF_GT3 24211	19.47 1.36 -2.74	9.02 0.71 0.00	16.17 1.19 0.00	16.30 1.23 0.00	17.52 1.20 0.00	17.83 1.07 0.00	24.04 1.38 0.00	24.64 1.41 0.00	23.98 1.81 0.00	23.33 2.10 0.00	32.48 2.98 0.00	32.99 3.07 0.00	29.29 2.71 0.00	25.73 2.03 0.00	25.21 1.98 0.00	32.17 2.51 0.00	37.56 2.40 0.00	38.52 1.97 0.00	38.49 1.72 0.00	38.98 1.55 0.00	47.44 2.09 0.00	25.87 1.48 0.00	30.96 1.82 0.00	26.13 1.30 0.00
KEDC_GLWD_GT4 24219	19.30 1.19 -2.74	8.93 0.62 0.00	16.01 1.04 0.00	16.12 1.05 0.00	17.42 1.10 0.00	17.81 1.06 0.00	24.05 1.39 0.00	24.75 1.53 0.00	23.89 1.71 0.00	23.05 1.83 0.00	32.12 2.61 0.00	32.58 2.65 0.00	28.94 2.35 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.08 2.42 0.00	37.67 2.51 0.00	38.90 2.34 0.00	38.83 2.05 0.00	39.40 1.97 0.00	47.82 2.46 0.00	25.75 1.36 0.00	30.74 1.59 0.00	25.99 1.16 0.00
KEDC_GLWD_GT5 24220	19.30 1.19 -2.74	8.93 0.62 0.00	16.01 1.04 0.00	16.12 1.05 0.00	17.42 1.10 0.00	17.81 1.06 0.00	24.05 1.39 0.00	24.75 1.53 0.00	23.89 1.71 0.00	23.05 1.83 0.00	32.12 2.61 0.00	32.58 2.65 0.00	28.94 2.35 0.00	25.69 1.99 0.00	25.16 1.93 0.00	32.08 2.42 0.00	37.67 2.51 0.00	38.90 2.34 0.00	38.83 2.05 0.00	39.40 1.97 0.00	47.82 2.46 0.00	25.75 1.36 0.00	30.74 1.59 0.00	25.99 1.16 0.00

KENSICO____ 23655	19.15 1.05 -2.73	8.85 0.54 0.00	15.90 0.92 0.00	15.98 0.92 0.00	17.31 0.99 0.00	17.72 0.97 0.00	23.95 1.29 0.00	24.67 1.44 0.00	23.72 1.54 0.00	22.81 1.59 0.00	31.71 2.21 0.00	32.16 2.24 0.00	28.57 1.98 0.00	25.46 1.76 0.00	24.93 1.70 0.00	31.78 2.11 0.00	37.44 2.28 0.00	38.74 2.19 0.00	38.68 1.90 0.00	39.31 1.88 0.00	47.68 2.32 0.00	25.57 1.18 0.00	30.51 1.37 0.00	25.83 1.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	12.42 0.97 3.93	8.82 0.50 0.00	15.85 0.87 0.00	15.93 0.86 0.00	17.26 0.94 0.00	17.69 0.94 0.00	23.93 1.27 0.00	24.64 1.42 0.00	23.67 1.49 0.00	22.74 1.51 0.00	31.52 2.02 0.00	31.83 1.90 0.00	28.22 1.64 0.00	25.14 1.44 0.00	24.65 1.42 0.00	31.50 1.83 0.00	37.26 2.10 0.00	38.75 2.19 0.00	38.82 2.04 0.00	39.46 2.03 0.00	47.80 2.43 0.00	25.62 1.23 0.00	30.56 1.41 0.00	25.85 1.02 0.00
KIAC_JFK_GT1 23816	19.23 1.12 -2.74	8.88 0.57 0.00	15.94 0.97 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.78 1.03 0.00	24.00 1.34 0.00	24.74 1.52 0.00	23.77 1.59 0.00	22.89 1.67 0.00	31.82 2.32 0.00	32.27 2.35 0.00	28.67 2.08 0.00	25.54 1.84 0.00	24.96 1.73 0.00	31.71 2.04 0.00	37.36 2.20 0.00	38.60 2.04 0.00	38.52 1.75 0.00	39.20 1.77 0.00	47.64 2.28 0.00	25.61 1.22 0.00	30.69 1.54 0.00	25.94 1.11 0.00
KIAC_JFK_GT2 23817	19.23 1.12 -2.74	8.88 0.57 0.00	15.94 0.97 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.78 1.03 0.00	24.00 1.34 0.00	24.74 1.52 0.00	23.77 1.59 0.00	22.89 1.67 0.00	31.82 2.32 0.00	32.27 2.35 0.00	28.67 2.08 0.00	25.54 1.84 0.00	24.96 1.73 0.00	31.71 2.04 0.00	37.36 2.20 0.00	38.60 2.04 0.00	38.52 1.75 0.00	39.20 1.77 0.00	47.64 2.28 0.00	25.61 1.22 0.00	30.69 1.54 0.00	25.94 1.11 0.00
KIAC_JFK____ 323774	19.23 1.12 -2.74	8.88 0.57 0.00	15.94 0.97 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.79 1.03 0.00	24.00 1.34 0.00	24.74 1.52 0.00	23.78 1.60 0.00	22.90 1.67 0.00	31.83 2.33 0.00	32.28 2.36 0.00	28.67 2.08 0.00	25.53 1.84 0.00	24.96 1.73 0.00	31.71 2.04 0.00	37.36 2.20 0.00	38.60 2.04 0.00	38.53 1.75 0.00	39.20 1.77 0.00	47.64 2.28 0.00	25.61 1.22 0.00	30.69 1.54 0.00	25.94 1.11 0.00
KINTIGH____ 23543	13.10 -1.40 0.87	7.62 -0.69 0.00	13.65 -1.33 0.00	13.72 -1.34 0.00	14.85 -1.47 0.00	15.23 -1.52 0.00	20.84 -1.83 0.00	21.35 -1.87 0.00	18.80 -1.76 1.62	19.48 -1.75 0.00	27.23 -2.28 0.00	27.75 -2.17 0.00	24.59 -1.99 0.00	21.79 -1.90 0.00	21.34 -1.89 0.00	27.35 -2.32 0.00	32.43 -2.73 0.00	33.76 -2.80 0.00	34.13 -2.64 0.00	34.81 -2.62 0.00	41.80 -3.56 0.00	22.47 -1.93 0.00	27.41 -1.74 0.00	23.65 -1.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-14.79 -0.37 29.80	-2.72 -0.18 10.85	-11.49 -0.33 26.13	-21.57 -0.37 36.27	-21.53 -0.40 37.46	-20.97 -0.45 37.27	-20.92 -0.46 43.12	-20.94 -0.43 43.74	-22.55 -0.40 44.32	-24.29 -0.29 45.22	-23.79 -0.48 52.81	-20.97 -0.72 50.17	-21.95 -0.86 47.67	-24.04 -0.95 46.78	-12.19 -0.91 34.50	29.88 0.21 0.00	35.79 0.63 0.00	37.85 1.29 0.00	38.36 1.59 0.00	39.18 1.75 0.00	47.77 2.41 0.00	25.78 1.38 0.00	30.82 1.67 0.00	26.43 1.60 0.00
LACHUTE__HYDRO 323717	41.36 1.49 -24.50	8.98 0.67 0.00	16.39 1.42 0.00	16.53 1.46 0.00	17.99 1.67 0.00	18.44 1.69 0.00	25.04 2.38 0.00	25.79 2.57 0.00	24.63 2.45 0.00	23.43 2.20 0.00	32.12 2.62 0.00	32.63 2.71 0.00	28.74 2.16 0.00	25.86 2.16 0.00	24.99 1.76 0.00	31.86 2.19 0.00	38.37 3.20 0.00	40.04 3.48 0.00	40.20 3.43 0.00	40.87 3.45 0.00	49.55 4.19 0.00	26.64 2.25 0.00	31.74 2.59 0.00	26.74 1.91 0.00
LAWRNCV_115KV_TB1 80681	35.28 0.28 -19.63	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.10 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.86 0.97 -26.66	50.08 0.97 -26.93	49.51 0.73 -27.56	62.77 1.08 -32.19	61.11 0.61 -30.58	55.37 0.40 -28.38	50.58 0.38 -26.50	43.08 0.30 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.57 0.00	26.98 2.14 0.00
LEDERLE____ 23769	18.98 1.06 -2.55	8.85 0.54 0.00	15.90 0.93 0.00	15.99 0.92 0.00	17.33 1.01 0.00	17.73 0.98 0.00	23.99 1.33 0.00	24.69 1.47 0.00	23.72 1.54 0.00	22.80 1.58 0.00	31.69 2.18 0.00	32.15 2.23 0.00	28.57 1.98 0.00	25.46 1.77 0.00	24.93 1.70 0.00	31.79 2.12 0.00	37.50 2.33 0.00	38.85 2.29 0.00	38.76 1.99 0.00	39.42 1.99 0.00	47.79 2.43 0.00	25.59 1.20 0.00	30.53 1.38 0.00	25.84 1.01 0.00
LIGHTHSE_115KV_TB6 355974	17.14 -0.33 -2.09	8.88 -0.20 -0.76	16.42 -0.39 -1.84	17.19 -0.42 -2.55	18.49 -0.45 -2.62	18.72 -0.46 -2.42	24.88 -0.59 -2.80	25.52 -0.55 -2.84	24.64 -0.41 -2.87	23.71 -0.45 -2.94	32.25 -0.69 -3.43	32.34 -0.84 -3.26	28.87 -0.74 -3.03	25.89 -0.64 -2.82	24.71 -0.61 -2.08	28.84 -0.83 0.00	34.36 -0.81 0.00	35.74 -0.82 0.00	36.31 -0.46 0.00	37.02 -0.41 0.00	44.87 -0.49 0.00	24.17 -0.22 0.00	28.98 -0.16 0.00	24.68 -0.15 0.00
LINDEN COGEN____ 23786	19.24 1.13 -2.74	8.89 0.57 0.00	15.96 0.99 0.00	16.04 0.97 0.00	17.38 1.06 0.00	17.79 1.03 0.00	24.04 1.38 0.00	24.76 1.54 0.00	23.81 1.64 0.00	22.89 1.67 0.00	31.85 2.34 0.00	32.30 2.38 0.00	28.71 2.12 0.00	25.58 1.88 0.00	25.03 1.80 0.00	31.89 2.23 0.00	37.53 2.37 0.00	38.83 2.27 0.00	38.71 1.94 0.00	39.36 1.93 0.00	47.73 2.37 0.00	25.62 1.23 0.00	30.58 1.43 0.00	25.88 1.05 0.00
LINDHRST_69_KV_BK1 356055	19.50 1.39 -2.74	9.04 0.72 0.00	16.18 1.21 0.00	16.30 1.24 0.00	17.56 1.24 0.00	17.91 1.15 0.00	24.17 1.51 0.00	24.82 1.60 0.00	24.10 1.92 0.00	23.38 2.15 0.00	32.60 3.10 0.00	33.07 3.15 0.00	29.37 2.78 0.00	25.87 2.17 0.00	25.35 2.12 0.00	32.37 2.70 0.00	37.84 2.68 0.00	38.95 2.39 0.00	38.86 2.09 0.00	39.39 1.96 0.00	47.87 2.51 0.00	25.98 1.59 0.00	31.07 1.92 0.00	26.20 1.37 0.00
LIPA_MISC_IPP 23656	19.44 1.33 -2.74	9.01 0.70 0.00	16.13 1.16 0.00	16.27 1.20 0.00	17.49 1.17 0.00	17.80 1.05 0.00	24.01 1.35 0.00	24.58 1.36 0.00	23.96 1.78 0.00	23.29 2.07 0.00	32.39 2.89 0.00	32.91 2.99 0.00	29.21 2.62 0.00	25.65 1.95 0.00	25.10 1.88 0.00	32.03 2.36 0.00	37.33 2.17 0.00	38.24 1.68 0.00	38.20 1.42 0.00	38.69 1.26 0.00	47.10 1.74 0.00	25.83 1.44 0.00	30.88 1.74 0.00	26.06 1.22 0.00
LISF__SOLAR 323691	19.47 1.36 -2.74	9.02 0.71 0.00	16.16 1.19 0.00	16.29 1.23 0.00	17.52 1.20 0.00	17.83 1.08 0.00	24.05 1.39 0.00	24.62 1.40 0.00	24.01 1.83 0.00	23.34 2.12 0.00	32.46 2.96 0.00	32.98 3.06 0.00	29.26 2.67 0.00	25.65 1.96 0.00	25.13 1.90 0.00	32.06 2.39 0.00	37.39 2.23 0.00	38.30 1.74 0.00	38.27 1.49 0.00	38.75 1.32 0.00	47.18 1.82 0.00	25.88 1.49 0.00	30.94 1.79 0.00	26.10 1.27 0.00

LITTLE FALLS___HYD 24013	15.63 0.25 0.00	8.41 0.10 0.00	15.21 0.24 0.00	15.37 0.30 0.00	16.61 0.29 0.00	17.01 0.26 0.00	22.97 0.30 0.00	23.65 0.42 0.00	22.80 0.62 0.00	21.49 0.27 0.00	29.17 -0.33 0.00	29.91 -0.01 0.00	26.29 -0.29 0.00	23.57 -0.12 0.00	23.09 -0.14 0.00	29.61 -0.06 0.00	35.35 0.19 0.00	36.77 0.22 0.00	36.89 0.11 0.00	37.48 0.05 0.00	45.77 0.41 0.00	24.61 0.21 0.00	29.19 0.04 0.00	24.51 -0.32 0.00
LITTLRIV_115KV_TB1 356100	35.59 0.58 -19.63	15.76 0.29 -7.15	32.67 0.48 -17.22	39.36 0.40 -23.89	41.32 0.47 -24.52	40.17 0.69 -22.72	50.25 1.30 -26.29	51.46 1.58 -26.66	50.61 1.50 -26.93	50.01 1.22 -27.56	63.47 1.78 -32.19	61.72 1.22 -30.58	55.83 0.86 -28.38	51.04 0.84 -26.50	43.46 0.68 -19.55	31.28 1.62 0.00	37.61 2.45 0.00	39.67 3.12 0.00	40.83 4.05 0.00	41.61 4.18 0.00	50.38 5.02 0.00	27.01 2.62 0.00	32.31 3.16 0.00	27.47 2.64 0.00
LI_NEWBRDGE___DRP 323616	19.22 1.10 -2.74	8.89 0.57 0.00	15.92 0.94 0.00	16.05 0.98 0.00	17.30 0.98 0.00	17.66 0.91 0.00	23.82 1.16 0.00	24.47 1.24 0.00	23.69 1.51 0.00	22.93 1.71 0.00	31.96 2.46 0.00	32.43 2.51 0.00	28.82 2.23 0.00	25.50 1.80 0.00	24.96 1.73 0.00	31.84 2.17 0.00	37.26 2.10 0.00	38.40 1.84 0.00	38.27 1.50 0.00	38.80 1.37 0.00	47.17 1.81 0.00	25.52 1.13 0.00	30.53 1.38 0.00	25.78 0.95 0.00
LOCKPORT_115KV_TB60_63_64 80432	12.80 -1.55 1.03	7.55 -0.76 0.00	13.48 -1.50 0.00	13.55 -1.52 0.00	14.65 -1.67 0.00	15.02 -1.73 0.00	20.62 -2.04 0.00	21.12 -2.10 0.00	17.88 -1.91 2.39	19.25 -1.98 0.00	26.96 -2.54 0.00	27.50 -2.42 0.00	24.33 -2.25 0.00	21.51 -2.19 0.00	21.09 -2.13 0.00	27.07 -2.59 0.00	32.11 -3.05 0.00	33.48 -3.08 0.00	33.88 -2.90 0.00	34.53 -2.90 0.00	41.34 -4.02 0.00	22.22 -2.18 0.00	27.28 -1.87 0.00	23.64 -1.19 0.00
LOCKPORT___CC1 323769	12.77 -1.57 1.04	7.54 -0.77 0.00	13.46 -1.51 0.00	13.53 -1.53 0.00	14.64 -1.68 0.00	15.01 -1.75 0.00	20.60 -2.06 0.00	21.10 -2.12 0.00	17.68 -1.93 2.58	19.24 -1.99 0.00	26.96 -2.54 0.00	27.49 -2.43 0.00	24.33 -2.26 0.00	21.50 -2.20 0.00	21.08 -2.15 0.00	27.05 -2.62 0.00	32.10 -3.06 0.00	33.45 -3.11 0.00	33.86 -2.91 0.00	34.53 -2.90 0.00	41.32 -4.04 0.00	22.20 -2.19 0.00	27.26 -1.88 0.00	23.63 -1.20 0.00
LOCKPORT___CC2 323770	12.77 -1.57 1.04	7.54 -0.77 0.00	13.46 -1.51 0.00	13.53 -1.53 0.00	14.64 -1.68 0.00	15.01 -1.75 0.00	20.60 -2.06 0.00	21.10 -2.12 0.00	17.68 -1.93 2.58	19.24 -1.99 0.00	26.96 -2.54 0.00	27.49 -2.43 0.00	24.33 -2.26 0.00	21.50 -2.20 0.00	21.08 -2.15 0.00	27.05 -2.62 0.00	32.10 -3.06 0.00	33.45 -3.11 0.00	33.86 -2.91 0.00	34.53 -2.90 0.00	41.32 -4.04 0.00	22.20 -2.19 0.00	27.26 -1.88 0.00	23.63 -1.20 0.00
LOCKPORT___CC3 323771	12.77 -1.57 1.04	7.54 -0.77 0.00	13.46 -1.51 0.00	13.53 -1.53 0.00	14.64 -1.68 0.00	15.01 -1.75 0.00	20.60 -2.06 0.00	21.10 -2.12 0.00	17.68 -1.93 2.58	19.24 -1.99 0.00	26.96 -2.54 0.00	27.49 -2.43 0.00	24.33 -2.26 0.00	21.50 -2.20 0.00	21.08 -2.15 0.00	27.05 -2.62 0.00	32.10 -3.06 0.00	33.45 -3.11 0.00	33.86 -2.91 0.00	34.53 -2.90 0.00	41.32 -4.04 0.00	22.20 -2.19 0.00	27.26 -1.88 0.00	23.63 -1.20 0.00
LONG_LAKE_PHOENIX 24014	15.00 -0.37 0.00	8.12 -0.20 0.00	14.61 -0.36 0.00	14.70 -0.37 0.00	15.93 -0.39 0.00	16.35 -0.40 0.00	22.11 -0.55 0.00	22.65 -0.58 0.00	21.68 -0.50 0.00	20.71 -0.51 0.00	28.69 -0.81 0.00	29.08 -0.84 0.00	25.83 -0.75 0.00	23.04 -0.66 0.00	22.60 -0.62 0.00	28.83 -0.83 0.00	34.20 -0.96 0.00	35.54 -1.02 0.00	35.80 -0.97 0.00	36.44 -0.98 0.00	44.09 -1.27 0.00	23.71 -0.68 0.00	28.33 -0.82 0.00	24.15 -0.68 0.00
LOVETT___3 23632	18.94 0.98 -2.59	8.81 0.50 0.00	15.84 0.86 0.00	15.91 0.85 0.00	17.24 0.92 0.00	17.65 0.90 0.00	23.86 1.20 0.00	24.55 1.33 0.00	23.59 1.41 0.00	22.68 1.45 0.00	31.53 2.02 0.00	31.98 2.05 0.00	28.41 1.82 0.00	25.32 1.62 0.00	24.79 1.56 0.00	31.60 1.93 0.00	37.24 2.08 0.00	38.58 2.02 0.00	38.50 1.73 0.00	39.15 1.72 0.00	47.48 2.12 0.00	25.45 1.05 0.00	30.37 1.23 0.00	25.71 0.88 0.00
LOVETT___4 23642	18.94 0.98 -2.59	8.81 0.50 0.00	15.84 0.86 0.00	15.91 0.85 0.00	17.24 0.92 0.00	17.65 0.90 0.00	23.86 1.20 0.00	24.55 1.33 0.00	23.59 1.41 0.00	22.68 1.45 0.00	31.53 2.02 0.00	31.98 2.05 0.00	28.41 1.82 0.00	25.32 1.62 0.00	24.79 1.56 0.00	31.60 1.93 0.00	37.24 2.08 0.00	38.58 2.02 0.00	38.50 1.73 0.00	39.15 1.72 0.00	47.48 2.12 0.00	25.45 1.05 0.00	30.37 1.23 0.00	25.71 0.88 0.00
LOVETT___5 23593	18.94 0.98 -2.59	8.81 0.50 0.00	15.84 0.86 0.00	15.91 0.85 0.00	17.24 0.92 0.00	17.65 0.90 0.00	23.86 1.20 0.00	24.55 1.33 0.00	23.59 1.41 0.00	22.68 1.45 0.00	31.53 2.02 0.00	31.98 2.05 0.00	28.41 1.82 0.00	25.32 1.62 0.00	24.79 1.56 0.00	31.60 1.93 0.00	37.24 2.08 0.00	38.58 2.02 0.00	38.50 1.73 0.00	39.15 1.72 0.00	47.48 2.12 0.00	25.45 1.05 0.00	30.37 1.23 0.00	25.71 0.88 0.00
LOWER RAQUET___HYD 24057	35.28 0.28 -19.63	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.11 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.85 0.97 -26.66	50.08 0.97 -26.93	49.50 0.72 -27.56	62.75 1.07 -32.19	61.09 0.59 -30.58	55.36 0.39 -28.38	50.57 0.37 -26.50	43.07 0.29 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.56 0.00	26.98 2.14 0.00
LOWER___HUDSON 24059	56.47 0.75 -40.35	8.69 0.38 0.00	15.66 0.69 0.00	15.77 0.70 0.00	17.08 0.76 0.00	17.55 0.80 0.00	23.74 1.08 0.00	24.37 1.15 0.00	23.36 1.18 0.00	22.32 1.10 0.00	30.82 1.32 0.00	31.24 1.31 0.00	27.71 1.12 0.00	24.73 1.04 0.00	24.23 1.00 0.00	30.89 1.23 0.00	36.56 1.40 0.00	38.05 1.50 0.00	38.13 1.35 0.00	38.80 1.36 0.00	47.21 1.85 0.00	25.36 0.97 0.00	30.19 1.04 0.00	25.63 0.79 0.00
LOWVILLE_115KV_TB2 356335	20.81 -0.16 -5.60	10.24 -0.12 -2.04	19.66 -0.22 -4.91	21.52 -0.36 -6.81	22.97 -0.34 -6.99	22.94 -0.29 -6.48	29.89 -0.27 -7.49	30.81 -0.02 -7.60	30.34 0.48 -7.68	29.07 -0.01 -7.86	38.62 -0.06 -9.18	38.13 -0.51 -8.72	34.36 -0.31 -8.09	30.91 -0.35 -7.56	28.59 -0.22 -5.57	29.55 -0.12 0.00	35.30 0.13 0.00	36.84 0.28 0.00	37.95 1.18 0.00	38.81 1.38 0.00	47.06 1.70 0.00	25.34 0.94 0.00	30.47 1.32 0.00	25.95 1.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.99 0.86 -25.76	8.75 0.43 0.00	15.78 0.80 0.00	15.88 0.82 0.00	17.21 0.89 0.00	17.68 0.93 0.00	23.95 1.29 0.00	24.60 1.38 0.00	23.56 1.39 0.00	22.46 1.24 0.00	30.92 1.42 0.00	31.44 1.52 0.00	27.82 1.24 0.00	24.83 1.13 0.00	24.30 1.07 0.00	31.05 1.39 0.00	36.92 1.76 0.00	38.42 1.86 0.00	38.56 1.79 0.00	39.20 1.77 0.00	47.61 2.25 0.00	25.56 1.17 0.00	30.47 1.32 0.00	25.85 1.01 0.00

LUTHERNY_35_KV_BK2 355980	41.99 0.86 -25.76	8.75 0.44 0.00	15.78 0.81 0.00	15.89 0.82 0.00	17.22 0.90 0.00	17.69 0.94 0.00	23.96 1.30 0.00	24.62 1.39 0.00	23.58 1.40 0.00	22.47 1.25 0.00	30.94 1.44 0.00	31.46 1.54 0.00	27.83 1.25 0.00	24.84 1.14 0.00	24.31 1.08 0.00	31.07 1.40 0.00	36.95 1.79 0.00	38.45 1.90 0.00	38.59 1.82 0.00	39.23 1.80 0.00	47.64 2.28 0.00	25.58 1.19 0.00	30.49 1.34 0.00	25.86 1.03 0.00
LWR__OSWEGATCHIE_HYD 23850	28.77 0.07 -13.32	13.18 0.01 -4.85	26.64 -0.02 -11.68	31.15 -0.13 -16.21	32.86 -0.10 -16.64	32.19 0.02 -15.42	40.75 0.25 -17.84	41.80 0.48 -18.09	41.14 0.68 -18.28	40.27 0.34 -18.70	51.85 0.51 -21.84	50.73 0.05 -20.75	45.87 0.03 -19.26	41.70 0.01 -17.98	36.52 0.02 -13.26	30.09 0.42 0.00	36.06 0.90 0.00	37.85 1.29 0.00	38.98 2.21 0.00	39.80 2.37 0.00	48.26 2.90 0.00	25.94 1.54 0.00	31.13 1.98 0.00	26.47 1.64 0.00
LYONS_FALL_HYD 23570	19.08 0.00 -3.71	9.65 -0.02 -1.35	18.19 -0.04 -3.25	19.45 -0.12 -4.51	20.86 -0.10 -4.63	20.99 -0.05 -4.29	27.65 0.03 -4.97	28.46 0.20 -5.04	27.80 0.53 -5.09	26.62 0.19 -5.21	35.80 0.22 -6.08	35.59 -0.10 -5.77	31.98 0.04 -5.36	28.69 -0.01 -5.01	27.00 0.07 -3.69	29.87 0.20 0.00	35.58 0.42 0.00	37.07 0.52 0.00	37.83 1.06 0.00	38.60 1.17 0.00	46.78 1.42 0.00	25.16 0.77 0.00	30.18 1.04 0.00	25.69 0.85 0.00
MADISON__COUNTY_LFGE 323628	16.71 0.22 -1.12	8.84 0.12 -0.41	16.16 0.20 -0.98	16.62 0.19 -1.36	17.95 0.24 -1.40	18.36 0.31 -1.29	24.65 0.49 -1.50	25.31 0.56 -1.52	24.35 0.63 -1.54	23.26 0.46 -1.57	31.94 0.61 -1.83	32.10 0.44 -1.74	28.74 0.54 -1.62	25.67 0.46 -1.51	24.84 0.49 -1.11	30.35 0.68 0.00	36.03 0.87 0.00	37.39 0.83 0.00	37.66 0.88 0.00	38.31 0.88 0.00	46.35 0.99 0.00	24.89 0.50 0.00	29.75 0.60 0.00	25.28 0.45 0.00
MALONE__115KV_TB1 356076	50.79 -0.21 -35.63	21.18 -0.10 -12.98	45.99 -0.23 -31.24	58.15 -0.28 -43.36	60.54 -0.27 -44.49	57.85 -0.13 -41.23	70.33 -0.03 -47.70	71.63 0.02 -48.38	70.96 -0.08 -48.86	71.15 -0.09 -50.01	87.91 0.01 -58.40	85.21 -0.19 -55.48	77.84 -0.25 -51.50	71.48 -0.32 -48.09	58.38 -0.32 -35.47	29.95 0.28 0.00	35.84 0.68 0.00	37.75 1.20 0.00	38.53 1.75 0.00	39.35 1.92 0.00	47.78 2.42 0.00	25.71 1.32 0.00	30.76 1.62 0.00	26.29 1.46 0.00
MAPLEWOD_115KV_TB3 80458	59.84 0.68 -43.78	8.66 0.35 0.00	15.62 0.64 0.00	15.74 0.68 0.00	17.04 0.72 0.00	17.48 0.72 0.00	23.63 0.97 0.00	24.27 1.04 0.00	23.26 1.08 0.00	22.23 1.01 0.00	30.71 1.20 0.00	31.12 1.20 0.00	27.64 1.06 0.00	24.66 0.97 0.00	24.19 0.96 0.00	30.82 1.15 0.00	36.47 1.32 0.00	37.97 1.41 0.00	38.07 1.29 0.00	38.73 1.30 0.00	47.07 1.71 0.00	25.28 0.88 0.00	30.10 0.95 0.00	25.55 0.72 0.00
MAPLE_RIDGE_WT_1 323574	13.79 -0.52 1.07	-7.76 -0.30 15.77	5.68 -0.48 8.82	-39.00 -0.58 53.49	-39.00 -0.62 54.70	-39.00 -0.61 55.15	-39.00 -0.81 60.86	-39.00 -0.85 61.38	-4.47 -0.80 25.84	9.25 -0.81 11.16	26.67 -1.08 1.75	27.08 -1.18 1.66	24.21 -0.84 1.54	21.46 -0.80 1.44	21.43 -0.74 1.06	28.90 -0.77 0.00	34.35 -0.81 0.00	35.80 -0.75 0.00	36.35 -0.43 0.00	37.16 -0.27 0.00	45.03 -0.33 0.00	24.21 -0.18 0.00	29.11 -0.04 0.00	24.99 0.16 0.00
MAPLE_RIDGE_WT_2 323611	13.79 -0.52 1.07	-7.76 -0.30 15.77	5.68 -0.48 8.82	-39.00 -0.58 53.49	-39.00 -0.62 54.70	-39.00 -0.61 55.15	-39.00 -0.81 60.86	-39.00 -0.85 61.38	-4.47 -0.80 25.84	9.25 -0.81 11.16	26.67 -1.08 1.75	27.08 -1.18 1.66	24.21 -0.84 1.54	21.46 -0.80 1.44	21.43 -0.74 1.06	28.90 -0.77 0.00	34.35 -0.81 0.00	35.80 -0.75 0.00	36.35 -0.43 0.00	37.16 -0.27 0.00	45.03 -0.33 0.00	24.21 -0.18 0.00	29.11 -0.04 0.00	24.99 0.16 0.00
MARBLE_RIVER_WT_PWR 323696	-14.35 -0.51 29.21	-2.58 -0.26 10.64	-11.12 -0.48 25.61	-21.00 -0.52 35.54	-21.00 -0.58 36.75	-21.00 -0.81 36.94	-21.00 -0.92 42.74	-21.00 -0.87 43.35	-22.36 -0.60 43.93	-23.97 -0.38 44.82	-23.55 -0.71 52.34	-21.00 -1.20 49.73	-21.00 -1.44 46.15	-21.00 -1.61 43.09	-10.08 -1.53 31.78	29.82 0.15 0.00	35.74 0.57 0.00	37.75 1.19 0.00	38.13 1.35 0.00	38.93 1.50 0.00	47.56 2.20 0.00	25.74 1.35 0.00	30.77 1.63 0.00	26.42 1.59 0.00
MARSHVLE_115KV_TB1 80742	29.12 0.55 -13.20	8.62 0.30 0.00	15.52 0.55 0.00	15.57 0.51 0.00	16.89 0.57 0.00	17.33 0.58 0.00	23.50 0.83 0.00	24.16 0.94 0.00	23.09 0.91 0.00	21.76 0.53 0.00	29.88 0.38 0.00	30.72 0.80 0.00	27.37 0.78 0.00	24.27 0.58 0.00	23.73 0.51 0.00	30.47 0.80 0.00	36.58 1.42 0.00	38.21 1.65 0.00	38.65 1.87 0.00	39.38 1.95 0.00	47.60 2.24 0.00	25.58 1.19 0.00	30.60 1.45 0.00	26.04 1.21 0.00
MARSH_HILL_WT_PWR 323713	10.99 -1.66 2.72	7.42 -0.90 0.00	13.24 -1.73 0.00	13.34 -1.73 0.00	14.57 -1.75 0.00	14.93 -1.83 0.00	20.39 -2.28 0.00	21.01 -2.23 -0.01	31.05 -2.03 -10.90	19.09 -2.14 0.00	26.52 -2.98 0.00	26.97 -2.95 0.00	24.06 -2.53 0.00	21.62 -2.07 0.00	21.25 -1.98 0.00	27.36 -2.30 0.00	32.47 -2.69 0.00	33.72 -2.84 0.00	34.54 -2.23 0.00	35.42 -2.01 0.00	42.51 -2.85 0.00	22.66 -1.73 0.00	27.26 -1.88 0.00	23.46 -1.37 0.00
MCINTYRE_115KV_TB2 80467	35.84 0.83 -19.63	15.89 0.42 -7.15	32.91 0.72 -17.22	39.60 0.64 -23.89	41.58 0.73 -24.52	40.46 0.99 -22.72	50.69 1.74 -26.29	51.94 2.06 -26.66	51.01 1.90 -26.93	50.40 1.62 -27.56	63.99 2.30 -32.19	62.16 1.66 -30.58	56.15 1.18 -28.38	51.36 1.16 -26.50	43.70 0.93 -19.55	31.72 2.05 0.00	38.20 3.04 0.00	40.36 3.81 0.00	41.56 4.79 0.00	42.34 4.91 0.00	51.23 5.87 0.00	27.43 3.04 0.00	32.80 3.65 0.00	27.86 3.03 0.00
MECO____69_KV_BK1 80468	30.43 0.84 -14.21	8.76 0.45 0.00	15.79 0.81 0.00	15.86 0.79 0.00	17.20 0.87 0.00	17.67 0.91 0.00	23.99 1.33 0.00	24.69 1.47 0.00	23.59 1.41 0.00	22.06 0.83 0.00	30.01 0.51 0.00	30.79 0.86 0.00	27.42 0.83 0.00	24.27 0.57 0.00	23.79 0.56 0.00	30.80 1.14 0.00	37.13 1.97 0.00	38.83 2.27 0.00	39.19 2.41 0.00	39.89 2.46 0.00	48.24 2.88 0.00	25.89 1.49 0.00	30.91 1.76 0.00	26.25 1.42 0.00
MENANDS__115KV_TB5 355628	54.34 0.63 -38.34	8.63 0.32 0.00	15.57 0.59 0.00	15.70 0.64 0.00	16.98 0.66 0.00	17.42 0.66 0.00	23.54 0.88 0.00	24.17 0.94 0.00	23.16 0.98 0.00	22.15 0.93 0.00	30.62 1.12 0.00	31.02 1.09 0.00	27.58 0.99 0.00	24.62 0.92 0.00	24.14 0.91 0.00	30.73 1.06 0.00	36.33 1.17 0.00	37.79 1.23 0.00	37.87 1.09 0.00	38.53 1.10 0.00	46.84 1.48 0.00	25.15 0.76 0.00	29.96 0.81 0.00	25.44 0.61 0.00
MG INDUSTRY__DRP 24185	-22.85 0.58 38.80	8.62 0.31 0.00	15.55 0.57 0.00	15.68 0.62 0.00	16.96 0.64 0.00	17.39 0.63 0.00	23.49 0.83 0.00	24.10 0.87 0.00	23.08 0.90 0.00	22.04 0.82 0.00	30.34 0.84 0.00	30.72 0.80 0.00	27.29 0.71 0.00	24.36 0.66 0.00	23.88 0.65 0.00	30.43 0.76 0.00	36.13 0.96 0.00	37.65 1.09 0.00	37.80 1.03 0.00	38.47 1.04 0.00	46.73 1.37 0.00	25.10 0.71 0.00	29.92 0.77 0.00	25.43 0.60 0.00

MID___OSWEGATCHIE_HYD 23849	28.77 0.07 -13.32	13.18 0.01 -4.85	26.64 -0.02 -11.68	31.15 -0.13 -16.21	32.86 -0.10 -16.64	32.19 0.02 -15.42	40.75 0.25 -17.84	41.80 0.48 -18.09	41.14 0.68 -18.28	40.27 0.34 -18.70	51.85 0.51 -21.84	50.73 0.05 -20.75	45.87 0.03 -19.26	41.70 0.01 -17.98	36.52 0.02 -13.26	30.09 0.42 0.00	36.06 0.90 0.00	37.85 1.29 0.00	38.98 2.21 0.00	39.80 2.37 0.00	48.26 2.90 0.00	25.94 1.54 0.00	31.13 1.98 0.00	26.47 1.64 0.00
MID___RAQUETTE_HYD 23851	35.28 0.28 -19.63	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.10 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.86 0.97 -26.66	50.08 0.97 -26.93	49.51 0.73 -27.56	62.77 1.08 -32.19	61.11 0.61 -30.58	55.37 0.40 -28.38	50.58 0.38 -26.50	43.08 0.30 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.57 0.00	26.98 2.14 0.00
MILLIKEN___1 23584	20.79 0.01 -5.40	8.33 0.02 0.00	14.97 0.00 0.00	15.08 0.02 0.00	16.35 0.03 0.00	16.82 0.07 0.00	22.84 0.18 0.00	23.43 0.21 0.00	23.53 0.28 -1.08	21.32 0.09 0.00	29.50 0.00 0.00	29.81 -0.11 0.00	26.46 -0.13 0.00	23.59 -0.11 0.00	23.19 -0.04 0.00	29.70 0.03 0.00	35.27 0.11 0.00	36.62 0.06 0.00	36.90 0.13 0.00	37.57 0.14 0.00	45.45 0.09 0.00	24.39 -0.01 0.00	29.17 0.03 0.00	24.81 -0.02 0.00
MILLIKEN___2 23585	20.79 0.01 -5.40	8.33 0.02 0.00	14.97 0.00 0.00	15.08 0.02 0.00	16.35 0.03 0.00	16.82 0.07 0.00	22.84 0.18 0.00	23.43 0.21 0.00	23.53 0.28 -1.08	21.32 0.09 0.00	29.50 0.00 0.00	29.81 -0.11 0.00	26.46 -0.13 0.00	23.59 -0.11 0.00	23.19 -0.04 0.00	29.70 0.03 0.00	35.27 0.11 0.00	36.62 0.06 0.00	36.90 0.13 0.00	37.57 0.14 0.00	45.45 0.09 0.00	24.39 -0.01 0.00	29.17 0.03 0.00	24.81 -0.02 0.00
MILLIKEN___DIESEL 23629	20.79 0.01 -5.40	8.33 0.02 0.00	14.97 0.00 0.00	15.08 0.02 0.00	16.35 0.03 0.00	16.82 0.07 0.00	22.84 0.18 0.00	23.43 0.21 0.00	23.53 0.28 -1.08	21.32 0.09 0.00	29.50 0.00 0.00	29.81 -0.11 0.00	26.46 -0.13 0.00	23.59 -0.11 0.00	23.19 -0.04 0.00	29.70 0.03 0.00	35.27 0.11 0.00	36.62 0.06 0.00	36.90 0.13 0.00	37.57 0.14 0.00	45.45 0.09 0.00	24.39 -0.01 0.00	29.17 0.03 0.00	24.81 -0.02 0.00
MILLSEAT___LFGE 323607	13.19 -1.21 0.97	7.72 -0.59 0.00	13.79 -1.18 0.00	13.87 -1.20 0.00	15.01 -1.32 0.00	15.40 -1.35 0.00	21.15 -1.51 0.00	21.71 -1.52 0.00	18.86 -1.33 1.99	19.83 -1.40 0.00	27.76 -1.74 0.00	28.29 -1.63 0.00	24.96 -1.62 0.00	22.00 -1.70 0.00	21.66 -1.57 0.00	27.80 -1.87 0.00	33.02 -2.14 0.00	34.42 -2.14 0.00	34.82 -1.96 0.00	35.47 -1.96 0.00	42.48 -2.88 0.00	22.81 -1.58 0.00	27.88 -1.27 0.00	24.08 -0.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.10 1.02 -2.71	8.83 0.52 0.00	15.87 0.89 0.00	15.95 0.89 0.00	17.28 0.96 0.00	17.69 0.94 0.00	23.91 1.25 0.00	24.62 1.39 0.00	23.67 1.49 0.00	22.76 1.54 0.00	31.63 2.12 0.00	32.07 2.15 0.00	28.49 1.90 0.00	25.39 1.70 0.00	24.87 1.64 0.00	31.70 2.03 0.00	37.35 2.19 0.00	38.67 2.12 0.00	38.60 1.83 0.00	39.24 1.81 0.00	47.60 2.24 0.00	25.53 1.13 0.00	30.46 1.31 0.00	25.78 0.95 0.00
MILLWOOD_13_KV_LOAD 356217	19.12 1.04 -2.71	8.84 0.53 0.00	15.89 0.91 0.00	15.97 0.91 0.00	17.30 0.98 0.00	17.72 0.96 0.00	23.95 1.29 0.00	24.66 1.43 0.00	23.70 1.52 0.00	22.80 1.57 0.00	31.68 2.17 0.00	32.12 2.20 0.00	28.53 1.95 0.00	25.43 1.73 0.00	24.90 1.67 0.00	31.74 2.07 0.00	37.41 2.25 0.00	38.73 2.17 0.00	38.67 1.90 0.00	39.31 1.88 0.00	47.67 2.31 0.00	25.56 1.17 0.00	30.50 1.35 0.00	25.81 0.98 0.00
MODEL_CITY_ENERGY 24167	12.62 -1.71 1.05	7.46 -0.85 0.00	13.32 -1.66 0.00	13.39 -1.67 0.00	14.48 -1.84 0.00	14.84 -1.91 0.00	20.38 -2.28 0.00	20.86 -2.37 0.00	17.51 -2.14 2.53	19.01 -2.22 0.00	26.63 -2.87 0.00	27.16 -2.76 0.00	24.04 -2.55 0.00	21.24 -2.46 0.00	20.82 -2.40 0.00	26.71 -2.95 0.00	31.69 -3.47 0.00	33.03 -3.52 0.00	33.43 -3.35 0.00	34.08 -3.35 0.00	40.78 -4.58 0.00	21.93 -2.47 0.00	26.96 -2.19 0.00	23.38 -1.45 0.00
MODERN_LFGE___ 323580	12.62 -1.71 1.05	7.46 -0.85 0.00	13.32 -1.66 0.00	13.39 -1.67 0.00	14.48 -1.84 0.00	14.84 -1.91 0.00	20.38 -2.28 0.00	20.86 -2.37 0.00	17.51 -2.14 2.53	19.01 -2.22 0.00	26.63 -2.87 0.00	27.16 -2.76 0.00	24.04 -2.55 0.00	21.24 -2.46 0.00	20.82 -2.40 0.00	26.71 -2.95 0.00	31.69 -3.47 0.00	33.03 -3.52 0.00	33.43 -3.35 0.00	34.08 -3.35 0.00	40.78 -4.58 0.00	21.93 -2.47 0.00	26.96 -2.19 0.00	23.38 -1.45 0.00
MOHAWK_PAPER___DRP 24187	59.84 0.68 -43.78	8.66 0.35 0.00	15.62 0.64 0.00	15.74 0.68 0.00	17.04 0.72 0.00	17.48 0.72 0.00	23.63 0.97 0.00	24.27 1.04 0.00	23.26 1.08 0.00	22.23 1.01 0.00	30.71 1.20 0.00	31.12 1.20 0.00	27.64 1.06 0.00	24.66 0.97 0.00	24.19 0.96 0.00	30.82 1.15 0.00	36.47 1.32 0.00	37.97 1.41 0.00	38.07 1.29 0.00	38.73 1.30 0.00	47.07 1.71 0.00	25.28 0.88 0.00	30.10 0.95 0.00	25.55 0.72 0.00
MOHICAN___35_KV_115KV_LD 80490	41.32 0.93 -25.02	8.76 0.45 0.00	15.85 0.87 0.00	15.95 0.89 0.00	17.30 0.97 0.00	17.78 1.02 0.00	24.10 1.44 0.00	24.79 1.57 0.00	23.73 1.55 0.00	22.62 1.40 0.00	31.06 1.55 0.00	31.58 1.66 0.00	27.88 1.30 0.00	24.92 1.22 0.00	24.29 1.06 0.00	31.06 1.40 0.00	37.06 1.90 0.00	38.58 2.02 0.00	38.78 2.00 0.00	39.36 1.94 0.00	47.78 2.42 0.00	25.66 1.27 0.00	30.60 1.45 0.00	25.91 1.08 0.00
MONGAUP___HYD 23641	19.01 1.26 -2.38	8.96 0.65 0.00	16.09 1.12 0.00	16.17 1.11 0.00	17.53 1.20 0.00	17.97 1.21 0.00	24.37 1.71 0.00	25.12 1.89 0.00	24.13 1.95 0.00	23.13 1.90 0.00	32.03 2.52 0.00	31.98 2.05 0.00	28.37 1.79 0.00	25.29 1.60 0.00	24.78 1.55 0.00	31.65 1.98 0.00	37.51 2.35 0.00	39.19 2.63 0.00	39.29 2.52 0.00	39.96 2.54 0.00	48.63 3.27 0.00	26.08 1.68 0.00	31.10 1.95 0.00	26.29 1.45 0.00
MONTAUK___DIESEL 23721	19.02 0.91 -2.74	8.78 0.46 0.00	15.72 0.75 0.00	15.84 0.78 0.00	17.05 0.73 0.00	17.36 0.61 0.00	23.45 0.79 0.00	24.04 0.82 0.00	23.44 1.26 0.00	22.81 1.58 0.00	31.74 2.24 0.00	32.25 2.33 0.00	28.59 2.00 0.00	25.07 1.37 0.00	24.51 1.27 0.00	31.30 1.63 0.00	36.50 1.34 0.00	37.40 0.84 0.00	37.41 0.64 0.00	37.95 0.52 0.00	46.58 1.22 0.00	25.55 1.16 0.00	30.33 1.19 0.00	25.52 0.68 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	12.49 -1.53 1.36	7.55 -0.76 0.00	13.54 -1.43 0.00	13.66 -1.41 0.00	14.72 -1.60 0.00	14.99 -1.76 0.00	20.47 -2.20 0.00	21.14 -2.08 0.00	18.05 -1.82 2.30	19.37 -1.85 0.00	27.17 -2.33 0.00	27.91 -2.01 0.00	24.82 -1.76 0.00	22.02 -1.68 0.00	21.64 -1.59 0.00	27.95 -1.72 0.00	33.42 -1.74 0.00	34.77 -1.79 0.00	35.06 -1.71 0.00	35.98 -1.45 0.00	43.24 -2.12 0.00	23.12 -1.28 0.00	28.29 -0.86 0.00	24.23 -0.60 0.00

MORRIS_RIDGE___SOLAR 323848	12.11 -1.45 1.81	7.58 -0.73 0.00	13.52 -1.46 0.00	13.61 -1.46 0.00	14.80 -1.53 0.00	15.17 -1.58 0.00	20.70 -1.96 0.00	21.23 -1.98 0.02	4.69 -1.79 15.69	19.39 -1.84 0.00	27.08 -2.43 0.00	27.54 -2.38 0.00	24.46 -2.12 0.00	21.79 -1.90 0.00	21.34 -1.89 0.00	27.51 -2.16 0.00	32.67 -2.49 0.00	33.95 -2.61 0.00	34.45 -2.32 0.00	35.34 -2.09 0.00	42.53 -2.84 0.00	22.76 -1.63 0.00	27.62 -1.53 0.00	23.73 -1.10 0.00
MORTIMER_115KV_TB3 55949	13.74 -0.89 0.74	7.87 -0.44 0.00	14.12 -0.85 0.00	14.19 -0.87 0.00	15.36 -0.96 0.00	15.77 -0.98 0.00	21.53 -1.13 0.00	22.09 -1.13 0.00	21.14 -1.04 0.00	20.19 -1.03 0.00	28.15 -1.35 0.00	28.64 -1.28 0.00	25.37 -1.21 0.00	22.52 -1.18 0.00	22.09 -1.14 0.00	28.25 -1.41 0.00	33.55 -1.61 0.00	34.91 -1.64 0.00	35.28 -1.50 0.00	35.92 -1.51 0.00	43.20 -2.17 0.00	23.20 -1.19 0.00	28.06 -1.09 0.00	24.09 -0.75 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.26 1.15 -2.74	8.90 0.59 0.00	15.99 1.01 0.00	16.07 1.00 0.00	17.41 1.08 0.00	17.82 1.07 0.00	24.08 1.42 0.00	24.81 1.59 0.00	23.87 1.69 0.00	22.96 1.74 0.00	31.92 2.42 0.00	32.38 2.46 0.00	28.78 2.19 0.00	25.64 1.95 0.00	25.11 1.88 0.00	31.99 2.32 0.00	37.66 2.50 0.00	38.94 2.38 0.00	38.85 2.08 0.00	39.48 2.05 0.00	47.90 2.54 0.00	25.70 1.31 0.00	30.68 1.53 0.00	25.96 1.13 0.00
MUNSVILLE_WIND_PWR 323609	18.07 0.50 -2.21	8.55 0.24 0.00	15.32 0.35 0.00	15.55 0.49 0.00	16.83 0.51 0.00	17.55 0.79 0.00	23.88 1.22 0.00	24.44 1.21 0.00	23.90 1.14 -0.58	21.93 0.70 0.00	30.09 0.59 0.00	30.32 0.40 0.00	26.77 0.19 0.00	23.98 0.28 0.00	23.68 0.45 0.00	30.45 0.79 0.00	36.68 1.52 0.00	38.26 1.71 0.00	38.64 1.86 0.00	39.11 1.68 0.00	47.45 2.09 0.00	25.36 0.97 0.00	30.22 1.07 0.00	25.53 0.70 0.00
N SALMON___HYD 24042	50.79 -0.21 -35.63	21.18 -0.10 -12.98	45.99 -0.23 -31.24	58.15 -0.28 -43.36	60.54 -0.28 -44.49	57.85 -0.13 -41.23	70.33 -0.03 -47.70	71.62 0.02 -48.38	70.95 -0.09 -48.86	71.13 -0.10 -50.01	87.89 -0.02 -58.40	85.18 -0.22 -55.48	77.83 -0.26 -51.50	71.46 -0.33 -48.09	58.37 -0.33 -35.47	29.95 0.29 0.00	35.84 0.68 0.00	37.75 1.20 0.00	38.53 1.75 0.00	39.35 1.92 0.00	47.78 2.42 0.00	25.71 1.32 0.00	30.76 1.62 0.00	26.29 1.46 0.00
N.AKRON__115KV_KNAPP 355671	13.08 -1.30 0.99	7.68 -0.64 0.00	13.71 -1.27 0.00	13.78 -1.28 0.00	14.91 -1.41 0.00	15.30 -1.45 0.00	21.01 -1.65 0.00	21.55 -1.67 0.00	18.55 -1.49 2.15	19.66 -1.56 0.00	27.53 -1.97 0.00	28.07 -1.85 0.00	24.80 -1.79 0.00	21.88 -1.82 0.00	21.51 -1.71 0.00	27.61 -2.06 0.00	32.78 -2.38 0.00	34.17 -2.39 0.00	34.57 -2.21 0.00	35.23 -2.20 0.00	42.17 -3.19 0.00	22.65 -1.74 0.00	27.74 -1.41 0.00	23.98 -0.86 0.00
N.BELMOR_69_KV_BK1 55787	19.35 1.23 -2.74	8.95 0.64 0.00	16.04 1.06 0.00	16.16 1.09 0.00	17.43 1.11 0.00	17.81 1.05 0.00	24.02 1.35 0.00	24.68 1.46 0.00	23.89 1.71 0.00	23.12 1.90 0.00	32.25 2.75 0.00	32.72 2.80 0.00	29.06 2.48 0.00	25.68 1.99 0.00	25.16 1.93 0.00	32.09 2.42 0.00	37.59 2.43 0.00	38.77 2.21 0.00	38.66 1.89 0.00	39.19 1.76 0.00	47.62 2.26 0.00	25.77 1.38 0.00	30.80 1.65 0.00	26.00 1.17 0.00
N.E_GEN_SANDY PD 24062	40.42 0.87 -24.17	17.30 0.43 -8.55	23.59 0.77 -7.84	31.27 0.78 -15.43	32.09 0.84 -14.93	21.97 0.89 -4.33	28.06 1.17 -4.23	27.07 1.27 -2.57	28.18 1.33 -4.67	28.55 1.31 -6.01	40.12 1.71 -8.91	31.58 1.66 0.00	28.01 1.42 0.00	24.99 1.30 0.01	24.51 1.28 0.00	31.00 1.51 0.18	37.27 1.62 -0.49	38.25 1.69 0.00	37.10 1.46 1.14	38.90 1.47 0.00	47.36 2.00 0.00	25.47 1.03 -0.05	29.24 1.10 1.01	25.99 0.80 -0.36
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.96 1.02 -2.57	8.83 0.52 0.00	15.86 0.89 0.00	15.94 0.88 0.00	17.28 0.96 0.00	17.68 0.92 0.00	23.91 1.25 0.00	24.60 1.38 0.00	23.63 1.45 0.00	22.72 1.50 0.00	31.58 2.08 0.00	32.04 2.12 0.00	28.47 1.88 0.00	25.38 1.68 0.00	24.84 1.61 0.00	31.69 2.02 0.00	37.36 2.20 0.00	38.70 2.14 0.00	38.61 1.84 0.00	39.26 1.83 0.00	47.61 2.25 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.77 0.93 0.00
N.QUEENS_27_KV_LOAD 356247	19.26 1.15 -2.74	8.88 0.56 0.00	15.94 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.77 1.01 0.00	24.01 1.35 0.00	24.79 1.57 0.00	23.86 1.68 0.00	22.93 1.71 0.00	31.87 2.36 0.00	32.33 2.41 0.00	28.75 2.17 0.00	25.59 1.89 0.00	25.07 1.84 0.00	31.91 2.24 0.00	37.55 2.39 0.00	38.75 2.20 0.01	38.74 1.97 0.00	39.44 2.01 0.00	47.82 2.46 0.00	25.68 1.29 0.00	30.73 1.58 0.00	25.98 1.15 0.00
N.TROY___115KV_TB1 355778	56.47 0.75 -40.35	8.69 0.38 0.00	15.66 0.69 0.00	15.77 0.70 0.00	17.08 0.76 0.00	17.55 0.80 0.00	23.74 1.08 0.00	24.37 1.15 0.00	23.35 1.18 0.00	22.32 1.10 0.00	30.82 1.32 0.00	31.24 1.31 0.00	27.71 1.12 0.00	24.73 1.03 0.00	24.23 1.00 0.00	30.89 1.23 0.00	36.55 1.39 0.00	38.06 1.50 0.00	38.13 1.35 0.00	38.80 1.37 0.00	47.21 1.85 0.00	25.36 0.97 0.00	30.19 1.04 0.00	25.63 0.79 0.00
NARROWS_GT1_1 24228	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT1_2 24229	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT1_3 24230	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT1_4 24231	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00

NARROWS_GT1_5 24232	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT1_6 24233	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT1_7 24234	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT1_8 24235	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.07 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_1 24236	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_2 24237	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_3 24238	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_4 24239	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_5 24240	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_6 24241	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_7 24242	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NARROWS_GT2_8 24243	19.34 1.23 -2.74	8.94 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.96 1.78 0.00	23.08 1.86 0.00	32.10 2.60 0.00	32.57 2.65 0.00	28.96 2.37 0.00	25.79 2.09 0.00	25.25 2.02 0.00	32.12 2.45 0.00	37.85 2.69 0.00	39.09 2.54 0.00	39.01 2.24 0.00	39.67 2.24 0.00	48.12 2.76 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	-25.09 0.79 41.25	8.72 0.41 0.00	15.74 0.76 0.00	15.89 0.83 0.00	17.18 0.86 0.00	17.64 0.89 0.00	23.91 1.25 0.00	24.59 1.36 0.00	23.57 1.39 0.00	22.45 1.23 0.00	30.66 1.16 0.00	30.94 1.02 0.00	27.45 0.87 0.00	24.58 0.88 0.00	24.02 0.79 0.00	30.66 0.99 0.00	36.49 1.33 0.00	38.29 1.73 0.00	38.64 1.86 0.00	39.29 1.86 0.00	47.69 2.34 0.00	25.59 1.20 0.00	30.44 1.29 0.00	25.84 1.01 0.00
NCHELSEA_115KV_TR2 355582	16.43 1.06 0.00	8.86 0.54 0.00	15.92 0.94 0.00	16.00 0.94 0.00	17.34 1.01 0.00	17.77 1.02 0.00	24.03 1.37 0.00	24.75 1.53 0.00	23.78 1.60 0.00	22.85 1.63 0.00	31.71 2.21 0.00	32.10 2.18 0.00	28.52 1.94 0.00	25.43 1.73 0.00	24.93 1.70 0.00	31.79 2.12 0.00	37.53 2.36 0.00	38.92 2.36 0.00	38.89 2.11 0.00	39.52 2.09 0.00	47.89 2.53 0.00	25.68 1.29 0.00	30.61 1.46 0.00	25.90 1.07 0.00
NEG CAPITAL___MECHNVIL 23645	46.06 0.88 -29.81	8.76 0.45 0.00	15.80 0.82 0.00	15.90 0.83 0.00	17.23 0.91 0.00	17.71 0.95 0.00	23.98 1.32 0.00	24.64 1.42 0.00	23.61 1.43 0.00	22.51 1.29 0.00	31.00 1.50 0.00	31.51 1.59 0.00	27.89 1.30 0.00	24.90 1.20 0.00	24.36 1.13 0.00	31.14 1.47 0.00	36.99 1.83 0.00	38.50 1.94 0.00	38.64 1.87 0.00	39.28 1.85 0.00	47.70 2.34 0.00	25.61 1.22 0.00	30.52 1.37 0.00	25.87 1.04 0.00

NEG CENTRAL_HIGH_ACRES 23767	13.73 -1.00 0.64	7.81 -0.51 0.00	14.01 -0.97 0.00	14.09 -0.97 0.00	15.26 -1.06 0.00	15.68 -1.07 0.00	21.37 -1.29 0.00	21.92 -1.30 0.00	20.97 -1.21 0.00	20.02 -1.20 0.00	27.87 -1.64 0.00	28.35 -1.57 0.00	25.12 -1.46 0.00	22.33 -1.36 0.00	21.89 -1.34 0.00	28.01 -1.66 0.00	33.27 -1.89 0.00	34.62 -1.93 0.00	34.94 -1.83 0.00	35.56 -1.87 0.00	42.81 -2.55 0.00	22.98 -1.41 0.00	27.70 -1.45 0.00	23.74 -1.10 0.00
NEG CENTRAL___DRP 24199	14.00 -0.42 0.95	8.10 -0.21 0.00	14.56 -0.42 0.00	14.66 -0.40 0.00	15.89 -0.43 0.00	16.34 -0.42 0.00	22.21 -0.45 0.00	22.81 -0.42 0.00	22.86 -0.35 -1.02	20.77 -0.46 0.00	28.85 -0.66 0.00	29.36 -0.56 0.00	26.04 -0.55 0.00	23.23 -0.47 0.00	22.75 -0.49 0.00	29.13 -0.54 0.00	34.51 -0.66 0.00	35.81 -0.74 0.00	36.14 -0.63 0.00	36.87 -0.56 0.00	44.49 -0.87 0.00	23.91 -0.48 0.00	28.64 -0.51 0.00	24.43 -0.41 0.00
NEG CENTRAL___INDECK 23768	12.94 -0.76 1.67	7.93 -0.38 0.00	14.18 -0.79 0.00	14.25 -0.81 0.00	15.48 -0.84 0.00	15.91 -0.84 0.00	21.78 -0.88 0.00	22.43 -0.81 -0.02	32.66 -0.72 -11.20	20.39 -0.83 0.00	28.48 -1.02 0.00	29.02 -0.91 0.00	25.65 -0.94 0.00	22.86 -0.84 0.00	22.38 -0.85 0.00	28.75 -0.92 0.00	34.15 -1.01 0.00	35.69 -0.87 0.00	36.27 -0.51 0.00	37.05 -0.38 0.00	44.53 -0.83 0.00	23.82 -0.57 0.00	28.78 -0.37 0.00	24.66 -0.18 0.00
NEG CENTRAL___SENECA 23627	13.36 -0.50 1.51	8.07 -0.25 0.00	14.48 -0.49 0.00	14.58 -0.48 0.00	15.82 -0.50 0.00	16.28 -0.48 0.00	22.17 -0.49 0.00	22.78 -0.45 0.00	23.47 -0.37 -1.66	20.72 -0.50 0.00	28.81 -0.70 0.00	29.33 -0.59 0.00	25.99 -0.59 0.00	23.18 -0.52 0.00	22.68 -0.55 0.00	29.10 -0.57 0.00	34.43 -0.73 0.00	35.74 -0.81 0.00	36.15 -0.63 0.00	36.93 -0.50 0.00	44.52 -0.84 0.00	23.93 -0.46 0.00	28.69 -0.46 0.00	24.48 -0.35 0.00
NEG CENTRAL___STATE_STREET 24147	14.75 -0.26 0.36	8.18 -0.13 0.00	14.72 -0.26 0.00	14.82 -0.25 0.00	16.05 -0.27 0.00	16.49 -0.26 0.00	22.37 -0.29 0.00	23.01 -0.22 0.00	21.96 -0.22 0.00	20.92 -0.31 0.00	29.05 -0.45 0.00	29.60 -0.32 0.00	26.28 -0.31 0.00	23.45 -0.24 0.00	23.02 -0.21 0.00	29.43 -0.24 0.00	34.91 -0.25 0.00	36.16 -0.40 0.00	36.40 -0.37 0.00	37.07 -0.36 0.00	44.82 -0.55 0.00	24.07 -0.32 0.00	28.81 -0.34 0.00	24.53 -0.30 0.00
NEG MILLWOOD___DRP 24198	18.88 1.10 -2.40	8.88 0.57 0.00	15.96 0.98 0.00	16.04 0.97 0.00	17.38 1.06 0.00	17.81 1.06 0.00	24.08 1.42 0.00	24.82 1.60 0.00	23.87 1.69 0.00	22.95 1.72 0.00	31.86 2.36 0.00	32.26 2.33 0.00	28.65 2.07 0.00	25.55 1.85 0.00	25.03 1.80 0.00	31.93 2.26 0.00	37.67 2.50 0.00	39.03 2.47 0.00	39.00 2.22 0.00	39.63 2.20 0.00	48.03 2.67 0.00	25.75 1.36 0.00	30.69 1.55 0.00	25.97 1.13 0.00
NEG NORTH_FLCN_SEA 23793	-14.52 -0.40 29.49	-2.63 -0.20 10.74	-11.24 -0.36 25.86	-21.22 -0.40 35.88	-21.18 -0.43 37.07	-20.74 -0.54 36.95	-20.66 -0.58 42.75	-20.68 -0.55 43.36	-22.24 -0.47 43.94	-23.92 -0.32 44.83	-23.40 -0.55 52.35	-20.68 -0.87 49.73	-20.61 -1.02 46.18	-20.57 -1.11 43.16	-9.67 -1.07 31.83	29.88 0.21 0.00	35.79 0.64 0.00	37.82 1.26 0.00	38.30 1.52 0.00	39.11 1.69 0.00	47.73 2.37 0.00	25.78 1.39 0.00	30.81 1.66 0.00	26.45 1.62 0.00
NEG NORTH_KES_CHATEGAY 23792	-16.56 -0.47 31.46	-3.38 -0.23 11.46	-13.06 -0.45 27.59	-23.71 -0.49 38.28	-23.69 -0.51 39.51	-22.63 -0.40 38.99	-22.90 -0.45 45.11	-22.99 -0.46 45.75	-24.81 -0.63 46.36	-26.62 -0.54 47.30	-26.36 -0.62 55.25	-23.28 -0.72 52.48	-29.71 -0.71 55.58	-43.08 -0.78 65.99	-26.16 -0.72 48.67	29.44 -0.23 0.00	35.19 0.04 0.00	37.04 0.48 0.00	37.71 0.93 0.00	38.50 1.07 0.00	46.80 1.44 0.00	25.23 0.84 0.00	30.17 1.02 0.00	25.85 1.02 0.00
NEG NORTH___ALICE_FALLS 23915	-14.79 -0.37 29.80	-2.72 -0.18 10.85	-11.49 -0.33 26.13	-21.57 -0.37 36.27	-21.53 -0.40 37.46	-20.97 -0.45 37.27	-20.92 -0.46 43.12	-20.94 -0.43 43.74	-22.55 -0.40 44.32	-24.29 -0.29 45.22	-23.79 -0.48 52.81	-20.97 -0.72 50.17	-21.95 -0.86 47.67	-24.04 -0.95 46.78	-12.19 -0.91 34.50	29.88 0.21 0.00	35.79 0.63 0.00	37.85 1.29 0.00	38.36 1.59 0.00	39.18 1.75 0.00	47.77 2.41 0.00	25.78 1.38 0.00	30.82 1.67 0.00	26.43 1.60 0.00
NEG NORTH___LWR_SARANAC 23913	-14.79 -0.37 29.80	-2.72 -0.18 10.85	-11.49 -0.33 26.13	-21.57 -0.37 36.27	-21.53 -0.40 37.46	-20.97 -0.45 37.27	-20.92 -0.46 43.12	-20.94 -0.43 43.74	-22.55 -0.40 44.32	-24.29 -0.29 45.22	-23.79 -0.48 52.81	-20.97 -0.72 50.17	-21.95 -0.86 47.67	-24.04 -0.95 46.78	-12.19 -0.91 34.50	29.88 0.21 0.00	35.79 0.63 0.00	37.85 1.29 0.00	38.36 1.59 0.00	39.18 1.75 0.00	47.77 2.41 0.00	25.78 1.38 0.00	30.82 1.67 0.00	26.43 1.60 0.00
NEG NORTH___PLATTSBURG 23628	-14.79 -0.36 29.80	-2.72 -0.18 10.85	-11.49 -0.33 26.13	-21.58 -0.38 36.27	-21.53 -0.40 37.46	-20.98 -0.46 37.27	-20.92 -0.46 43.12	-20.95 -0.44 43.74	-22.57 -0.42 44.32	-24.32 -0.32 45.22	-23.85 -0.54 52.81	-21.03 -0.78 50.17	-21.99 -0.91 47.67	-24.07 -0.99 46.78	-12.21 -0.93 34.50	29.88 0.21 0.00	35.79 0.63 0.00	37.85 1.29 0.00	38.36 1.59 0.00	39.18 1.75 0.00	47.77 2.41 0.00	25.78 1.38 0.00	30.82 1.67 0.00	26.43 1.60 0.00
NEG WEST_LEA_LOCKPORT 23791	12.77 -1.56 1.04	7.54 -0.77 0.00	13.46 -1.51 0.00	13.54 -1.53 0.00	14.64 -1.68 0.00	15.01 -1.75 0.00	20.60 -2.06 0.00	21.10 -2.12 0.00	17.67 -1.94 2.58	19.23 -2.00 0.00	26.94 -2.57 0.00	27.48 -2.45 0.00	24.32 -2.27 0.00	21.50 -2.20 0.00	21.08 -2.15 0.00	27.06 -2.61 0.00	32.10 -3.06 0.00	33.45 -3.11 0.00	33.86 -2.91 0.00	34.52 -2.91 0.00	41.32 -4.04 0.00	22.21 -2.19 0.00	27.26 -1.88 0.00	23.63 -1.20 0.00
NEG WEST___LANCASTER 23811	13.06 -1.03 1.29	7.83 -0.48 0.00	14.00 -0.98 0.00	14.11 -0.96 0.00	15.27 -1.05 0.00	15.66 -1.10 0.00	21.41 -1.25 0.00	21.96 -1.27 0.00	18.55 -1.02 2.61	20.07 -1.15 0.00	28.09 -1.41 0.00	28.67 -1.26 0.00	25.38 -1.21 0.00	22.52 -1.18 0.00	22.03 -1.20 0.00	28.33 -1.34 0.00	33.56 -1.60 0.00	34.86 -1.70 0.00	35.23 -1.54 0.00	36.05 -1.38 0.00	43.31 -2.05 0.00	23.25 -1.15 0.00	28.40 -0.75 0.00	24.44 -0.39 0.00
NEG_PENN_ALLEGHNY 23528	14.73 -0.21 0.43	8.22 -0.09 0.00	14.79 -0.18 0.00	14.90 -0.16 0.00	16.15 -0.17 0.00	16.58 -0.17 0.00	22.51 -0.15 0.00	23.07 -0.16 0.00	22.12 -0.05 0.00	21.09 -0.13 0.00	29.28 -0.22 0.00	29.72 -0.20 0.00	26.35 -0.24 0.00	23.50 -0.20 0.00	23.01 -0.22 0.00	29.49 -0.18 0.00	34.93 -0.23 0.00	36.22 -0.34 0.00	36.47 -0.30 0.00	37.24 -0.19 0.00	45.09 -0.27 0.00	24.19 -0.21 0.00	29.02 -0.13 0.00	24.69 -0.15 0.00
NEG___GEN_MONROE 24207	13.76 -0.86 0.76	7.89 -0.42 0.00	14.14 -0.83 0.00	14.22 -0.84 0.00	15.39 -0.93 0.00	15.81 -0.95 0.00	21.61 -1.06 0.00	22.18 -1.05 0.00	21.24 -0.94 0.00	20.27 -0.95 0.00	28.28 -1.22 0.00	28.79 -1.14 0.00	25.48 -1.10 0.00	22.56 -1.14 0.00	22.15 -1.08 0.00	28.52 -1.15 0.00	33.70 -1.46 0.00	35.08 -1.48 0.00	35.45 -1.32 0.00	36.10 -1.33 0.00	43.39 -1.97 0.00	23.29 -1.10 0.00	28.21 -0.93 0.00	24.23 -0.60 0.00

NEPA__ENERGY 23901	12.90 -1.17 1.30	7.76 -0.55 0.00	13.87 -1.10 0.00	14.02 -1.05 0.00	15.17 -1.16 0.00	15.55 -1.21 0.00	21.25 -1.41 0.00	21.76 -1.47 0.00	18.09 -1.26 2.83	19.90 -1.33 0.00	27.86 -1.64 0.00	28.45 -1.47 0.00	25.17 -1.42 0.00	22.36 -1.34 0.00	21.83 -1.40 0.00	28.13 -1.54 0.00	33.36 -1.80 0.00	34.56 -2.00 0.00	34.89 -1.89 0.00	35.89 -1.54 0.00	43.27 -2.09 0.00	23.13 -1.26 0.00	28.21 -0.94 0.00	24.17 -0.66 0.00
NEVERSink__HYD 23608	16.30 0.92 0.00	8.79 0.48 0.00	15.81 0.83 0.00	15.89 0.83 0.00	17.23 0.90 0.00	17.66 0.91 0.00	23.92 1.26 0.00	24.61 1.39 0.00	23.61 1.44 0.00	22.66 1.44 0.00	31.37 1.87 0.00	31.72 1.80 0.00	28.15 1.56 0.00	25.07 1.37 0.00	24.58 1.35 0.00	31.40 1.73 0.00	37.18 2.02 0.00	38.67 2.12 0.00	38.77 2.00 0.00	39.40 1.97 0.00	47.73 2.37 0.00	25.59 1.20 0.00	30.53 1.39 0.00	25.85 1.02 0.00
NEWKRMKL_115KV_TB1 55635	8.09 0.56 7.84	8.60 0.28 0.00	15.51 0.53 0.00	15.66 0.59 0.00	16.92 0.60 0.00	17.34 0.59 0.00	23.44 0.78 0.00	24.06 0.83 0.00	23.06 0.88 0.00	22.06 0.83 0.00	30.49 0.98 0.00	30.89 0.97 0.00	27.47 0.88 0.00	24.51 0.82 0.00	24.05 0.82 0.00	30.61 0.94 0.00	36.21 1.05 0.00	37.65 1.10 0.00	37.74 0.97 0.00	38.40 0.96 0.00	46.65 1.30 0.00	25.05 0.66 0.00	29.83 0.69 0.00	25.36 0.52 0.00
NEWTON__FALLS_HYD 23847	28.77 0.07 -13.32	13.18 0.01 -4.85	26.64 -0.02 -11.68	31.15 -0.13 -16.21	32.86 -0.10 -16.64	32.19 0.02 -15.42	40.75 0.25 -17.84	41.80 0.48 -18.09	41.14 0.68 -18.28	40.27 0.34 -18.70	51.85 0.51 -21.84	50.73 0.05 -20.75	45.87 0.03 -19.26	41.70 0.01 -17.98	36.52 0.02 -13.26	30.09 0.42 0.00	36.06 0.90 0.00	37.85 1.29 0.00	38.98 2.21 0.00	39.80 2.37 0.00	48.26 2.90 0.00	25.94 1.54 0.00	31.13 1.98 0.00	26.47 1.64 0.00
NGRID_A1_DSASP 323792	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.72 0.00	14.44 -1.89 0.00	14.79 -1.97 0.00	20.28 -2.38 0.00	20.75 -2.47 0.00	17.26 -2.33 2.59	18.92 -2.31 0.00	26.52 -2.98 0.00	27.06 -2.86 0.00	23.97 -2.62 0.00	21.17 -2.53 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
NGRID_A2_DSASP 323793	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.72 0.00	14.44 -1.89 0.00	14.79 -1.97 0.00	20.28 -2.38 0.00	20.75 -2.47 0.00	17.26 -2.33 2.59	18.92 -2.31 0.00	26.52 -2.98 0.00	27.06 -2.86 0.00	23.97 -2.62 0.00	21.17 -2.53 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
NGRID_A4_DSASP 323807	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.72 0.00	14.44 -1.89 0.00	14.79 -1.97 0.00	20.28 -2.38 0.00	20.75 -2.47 0.00	17.26 -2.33 2.59	18.92 -2.31 0.00	26.52 -2.98 0.00	27.06 -2.86 0.00	23.97 -2.62 0.00	21.17 -2.53 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
NIAGARA_115E_LBMP 323715	12.51 -1.80 1.07	7.42 -0.90 0.00	13.23 -1.74 0.00	13.31 -1.76 0.00	14.39 -1.93 0.00	14.74 -2.01 0.00	20.24 -2.42 0.00	20.70 -2.52 0.00	17.31 -2.27 2.59	18.86 -2.37 0.00	26.43 -3.08 0.00	26.96 -2.97 0.00	23.86 -2.72 0.00	21.08 -2.62 0.00	20.66 -2.57 0.00	26.50 -3.17 0.00	31.44 -3.72 0.00	32.77 -3.79 0.00	33.17 -3.61 0.00	33.80 -3.63 0.00	40.44 -4.92 0.00	21.75 -2.64 0.00	26.77 -2.38 0.00	23.24 -1.60 0.00
NIAGARA_115W_LBMP 323714	12.51 -1.81 1.06	7.42 -0.90 0.00	13.25 -1.73 0.00	13.32 -1.74 0.00	14.41 -1.92 0.00	14.76 -2.00 0.00	20.25 -2.42 0.00	20.71 -2.51 0.00	17.23 -2.37 2.58	18.88 -2.35 0.00	26.46 -3.04 0.00	27.00 -2.92 0.00	23.91 -2.68 0.00	21.12 -2.58 0.00	20.69 -2.54 0.00	26.53 -3.13 0.00	31.47 -3.69 0.00	32.80 -3.76 0.00	33.20 -3.58 0.00	33.83 -3.60 0.00	40.49 -4.87 0.00	21.78 -2.62 0.00	26.77 -2.38 0.00	23.24 -1.59 0.00
NIAGARA_230_LBMP 323716	12.67 -1.68 1.03	7.49 -0.82 0.00	13.39 -1.59 0.00	13.46 -1.61 0.00	14.56 -1.76 0.00	14.92 -1.83 0.00	20.45 -2.21 0.00	20.94 -2.28 0.00	17.58 -2.14 2.46	19.09 -2.14 0.00	26.74 -2.76 0.00	27.28 -2.64 0.00	24.16 -2.43 0.00	21.35 -2.34 0.00	20.92 -2.31 0.00	26.84 -2.83 0.00	31.82 -3.34 0.00	33.14 -3.42 0.00	33.54 -3.23 0.00	34.21 -3.22 0.00	40.97 -4.39 0.00	22.03 -2.36 0.00	27.02 -2.13 0.00	23.42 -1.41 0.00
NIAGARA__115KV_198_GIBSON 55903	12.51 -1.80 1.06	7.42 -0.90 0.00	13.25 -1.72 0.00	13.33 -1.74 0.00	14.41 -1.91 0.00	14.76 -1.99 0.00	20.24 -2.42 0.00	20.72 -2.50 0.00	17.22 -2.39 2.58	18.87 -2.36 0.00	26.44 -3.07 0.00	26.98 -2.94 0.00	23.91 -2.68 0.00	21.12 -2.57 0.00	20.69 -2.54 0.00	26.54 -3.13 0.00	31.47 -3.69 0.00	32.79 -3.76 0.00	33.20 -3.58 0.00	33.83 -3.60 0.00	40.49 -4.87 0.00	21.78 -2.62 0.00	26.77 -2.38 0.00	23.24 -1.59 0.00
NIAGARA____ 23760	12.66 -1.68 1.04	7.49 -0.82 0.00	13.39 -1.59 0.00	13.46 -1.61 0.00	14.56 -1.76 0.00	14.92 -1.83 0.00	20.45 -2.21 0.00	20.94 -2.28 0.00	17.54 -2.14 2.50	19.09 -2.14 0.00	26.74 -2.76 0.00	27.28 -2.64 0.00	24.16 -2.43 0.00	21.35 -2.34 0.00	20.92 -2.31 0.00	26.84 -2.83 0.00	31.82 -3.34 0.00	33.14 -3.42 0.00	33.54 -3.23 0.00	34.21 -3.22 0.00	40.97 -4.39 0.00	22.03 -2.36 0.00	27.02 -2.13 0.00	23.42 -1.41 0.00
NINE_MILE_1 23575	14.85 -0.52 0.00	8.04 -0.28 0.00	14.47 -0.51 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.40 -0.83 0.00	21.43 -0.75 0.00	20.49 -0.73 0.00	28.38 -1.13 0.00	28.78 -1.14 0.00	25.56 -1.03 0.00	22.80 -0.89 0.00	22.37 -0.86 0.00	28.51 -1.15 0.00	33.82 -1.34 0.00	35.15 -1.41 0.00	35.39 -1.39 0.00	36.01 -1.42 0.00	43.58 -1.78 0.00	23.46 -0.93 0.00	28.03 -1.12 0.00	23.91 -0.92 0.00
NINE_MILE_2 23744	14.85 -0.52 0.00	8.04 -0.28 0.00	14.47 -0.50 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.40 -0.83 0.00	21.43 -0.75 0.00	20.49 -0.73 0.00	28.38 -1.13 0.00	28.78 -1.14 0.00	25.56 -1.03 0.00	22.80 -0.89 0.00	22.37 -0.86 0.00	28.51 -1.15 0.00	33.82 -1.34 0.00	35.15 -1.41 0.00	35.39 -1.39 0.00	36.01 -1.42 0.00	43.58 -1.78 0.00	23.46 -0.93 0.00	28.03 -1.12 0.00	23.91 -0.92 0.00
NM_CAPITAL__DRP 24208	45.53 0.60 -29.56	8.62 0.31 0.00	15.54 0.57 0.00	15.68 0.62 0.00	16.96 0.64 0.00	17.38 0.63 0.00	23.50 0.83 0.00	24.12 0.89 0.00	23.11 0.94 0.00	22.11 0.88 0.00	30.57 1.06 0.00	30.96 1.04 0.00	27.52 0.94 0.00	24.57 0.87 0.00	24.10 0.87 0.00	30.67 1.01 0.00	36.26 1.10 0.00	37.72 1.16 0.00	37.79 1.02 0.00	38.45 1.02 0.00	46.75 1.39 0.00	25.11 0.72 0.00	29.90 0.75 0.00	25.40 0.57 0.00

NM_CENTRAL___DRP 24181	15.09 -0.28 0.00	8.17 -0.15 0.00	14.69 -0.28 0.00	14.78 -0.28 0.00	16.01 -0.31 0.00	16.45 -0.31 0.00	22.27 -0.39 0.00	22.83 -0.40 0.00	21.85 -0.33 0.00	20.88 -0.35 0.00	28.92 -0.58 0.00	29.35 -0.57 0.00	26.06 -0.52 0.00	23.24 -0.46 0.00	22.80 -0.43 0.00	29.09 -0.58 0.00	34.50 -0.66 0.00	35.84 -0.71 0.00	36.07 -0.70 0.00	36.71 -0.71 0.00	44.40 -0.96 0.00	23.88 -0.52 0.00	28.53 -0.61 0.00	24.32 -0.51 0.00
NM_FRONTIER___DRP 24179	12.51 -1.80 1.06	7.42 -0.90 0.00	13.25 -1.72 0.00	13.33 -1.74 0.00	14.41 -1.91 0.00	14.76 -1.99 0.00	20.24 -2.42 0.00	20.72 -2.50 0.00	17.22 -2.39 2.58	18.87 -2.36 0.00	26.44 -3.07 0.00	26.98 -2.94 0.00	23.91 -2.68 0.00	21.12 -2.57 0.00	20.69 -2.54 0.00	26.54 -3.13 0.00	31.47 -3.69 0.00	32.79 -3.76 0.00	33.20 -3.58 0.00	33.83 -3.60 0.00	40.49 -4.87 0.00	21.78 -2.62 0.00	26.77 -2.38 0.00	23.24 -1.59 0.00
NM_ST_REGIS___HYD 24053	38.46 0.16 -22.93	16.74 0.07 -8.35	35.17 0.09 -20.10	42.97 0.01 -27.90	45.00 0.04 -28.63	43.51 0.22 -26.53	53.91 0.55 -30.70	55.11 0.75 -31.13	54.34 0.72 -31.44	53.94 0.53 -32.18	67.92 0.83 -37.58	66.04 0.41 -35.70	59.98 0.25 -33.14	54.85 0.21 -30.95	46.20 0.14 -22.82	30.52 0.85 0.00	36.63 1.46 0.00	38.58 2.03 0.00	39.61 2.84 0.00	40.43 3.01 0.00	49.02 3.65 0.00	26.33 1.94 0.00	31.53 2.38 0.00	26.86 2.03 0.00
NORTHPORT___1 23551	19.38 1.27 -2.74	8.99 0.68 0.00	16.12 1.15 0.00	16.26 1.20 0.00	17.48 1.16 0.00	17.76 1.01 0.00	23.91 1.25 0.00	24.49 1.27 0.00	23.80 1.62 0.00	23.17 1.95 0.00	32.27 2.77 0.00	32.81 2.89 0.00	29.18 2.59 0.00	25.72 2.02 0.00	25.14 1.91 0.00	32.07 2.40 0.00	37.36 2.20 0.00	38.23 1.68 0.00	38.14 1.36 0.00	38.66 1.23 0.00	47.11 1.75 0.00	25.57 1.18 0.00	30.66 1.51 0.00	25.92 1.08 0.00
NORTHPORT___2 23552	19.38 1.27 -2.74	8.99 0.68 0.00	16.12 1.15 0.00	16.26 1.20 0.00	17.48 1.16 0.00	17.76 1.01 0.00	23.91 1.25 0.00	24.49 1.27 0.00	23.80 1.62 0.00	23.17 1.95 0.00	32.27 2.77 0.00	32.81 2.89 0.00	29.18 2.59 0.00	25.72 2.02 0.00	25.14 1.91 0.00	32.07 2.40 0.00	37.36 2.20 0.00	38.23 1.68 0.00	38.14 1.36 0.00	38.66 1.23 0.00	47.11 1.75 0.00	25.57 1.18 0.00	30.66 1.51 0.00	25.92 1.08 0.00
NORTHPORT___3 23553	19.18 1.07 -2.74	8.88 0.57 0.00	15.92 0.95 0.00	16.04 0.98 0.00	17.26 0.94 0.00	17.55 0.80 0.00	23.63 0.97 0.00	24.21 0.98 0.00	23.51 1.33 0.00	22.86 1.64 0.00	31.90 2.40 0.00	32.39 2.46 0.00	28.83 2.24 0.00	25.45 1.75 0.00	24.90 1.67 0.00	31.75 2.08 0.00	37.00 1.84 0.00	37.90 1.35 0.00	37.79 1.02 0.00	38.30 0.87 0.00	46.60 1.24 0.00	25.29 0.90 0.00	30.32 1.18 0.00	25.64 0.80 0.00
NORTHPORT___4 23650	19.18 1.07 -2.74	8.88 0.57 0.00	15.92 0.95 0.00	16.04 0.98 0.00	17.26 0.94 0.00	17.55 0.80 0.00	23.63 0.97 0.00	24.21 0.98 0.00	23.51 1.33 0.00	22.86 1.64 0.00	31.90 2.40 0.00	32.39 2.46 0.00	28.83 2.24 0.00	25.45 1.75 0.00	24.90 1.67 0.00	31.75 2.08 0.00	37.00 1.84 0.00	37.90 1.35 0.00	37.79 1.02 0.00	38.30 0.87 0.00	46.60 1.24 0.00	25.29 0.90 0.00	30.32 1.18 0.00	25.64 0.80 0.00
NORTHPORT___IC 23718	19.38 1.27 -2.74	8.99 0.68 0.00	16.12 1.14 0.00	16.26 1.20 0.00	17.48 1.16 0.00	17.76 1.01 0.00	23.91 1.25 0.00	24.49 1.27 0.00	23.79 1.61 0.00	23.17 1.95 0.00	32.25 2.74 0.00	32.80 2.88 0.00	29.16 2.58 0.00	25.72 2.03 0.00	25.14 1.91 0.00	32.08 2.41 0.00	37.36 2.20 0.00	38.23 1.68 0.00	38.13 1.36 0.00	38.66 1.23 0.00	47.12 1.76 0.00	25.57 1.18 0.00	30.66 1.51 0.00	25.92 1.09 0.00
NORTH___COUNTRY_ESR 323785	-16.65 -0.52 31.50	-3.42 -0.26 11.47	-13.14 -0.49 27.62	-23.81 -0.54 38.34	-23.80 -0.56 39.56	-22.74 -0.45 39.04	-23.04 -0.54 45.16	-23.15 -0.57 45.81	-24.96 -0.72 46.41	-26.79 -0.65 47.36	-26.57 -0.76 55.31	-23.48 -0.86 52.55	-30.01 -0.81 55.79	-43.65 -0.84 66.50	-26.63 -0.81 49.05	29.34 -0.32 0.00	35.07 -0.09 0.00	36.92 0.36 0.00	37.57 0.79 0.00	38.37 0.94 0.00	46.65 1.30 0.00	25.15 0.76 0.00	30.10 0.96 0.00	25.78 0.95 0.00
NPX_GEN_1385_PROXY 323591	18.77 1.41 -1.99	9.09 0.78 0.00	16.41 1.43 0.00	16.64 1.58 0.00	17.84 1.52 0.00	17.97 1.22 0.00	24.30 1.64 0.00	24.97 1.75 0.00	24.25 2.07 0.00	23.70 2.48 0.00	34.24 2.88 -1.87	33.24 3.32 0.00	29.51 2.93 0.00	25.92 2.22 0.00	24.95 1.72 0.00	32.10 2.44 0.00	37.32 2.16 0.00	38.22 1.66 0.00	37.95 1.18 0.00	38.67 1.25 0.00	47.72 2.36 0.00	25.65 1.26 0.00	30.55 1.40 0.00	25.85 1.02 0.00
NPX_GEN_CSC 323557	18.73 1.36 -1.99	9.02 0.71 0.00	16.17 1.19 0.00	16.29 1.23 0.00	17.53 1.20 0.00	17.84 1.09 0.00	24.08 1.41 0.00	24.65 1.42 0.00	24.03 1.85 0.00	23.37 2.14 0.00	34.38 3.01 -1.87	33.02 3.10 0.00	29.29 2.71 0.00	25.68 1.99 0.00	25.15 1.92 0.00	32.09 2.42 0.00	37.31 2.15 0.00	38.14 1.59 0.00	38.12 1.35 0.00	38.59 1.16 0.00	47.01 1.65 0.00	25.94 1.54 0.00	30.99 1.84 0.00	26.12 1.29 0.00
NSINS_S___GLNS_FALLS 23858	40.74 0.89 -24.48	8.74 0.43 0.00	15.80 0.83 0.00	15.91 0.84 0.00	17.25 0.93 0.00	17.73 0.97 0.00	24.03 1.38 0.00	24.72 1.50 0.00	23.67 1.50 0.00	22.56 1.33 0.00	30.97 1.47 0.00	31.50 1.58 0.00	27.81 1.23 0.00	24.85 1.15 0.00	24.23 1.00 0.00	30.99 1.32 0.00	36.96 1.81 0.00	38.48 1.92 0.00	38.67 1.90 0.00	39.25 1.82 0.00	47.63 2.27 0.00	25.57 1.18 0.00	30.51 1.37 0.00	25.83 1.00 0.00
NUCOR_STEEL___DRP 24197	14.88 -0.26 0.24	8.18 -0.13 0.00	14.72 -0.26 0.00	14.82 -0.25 0.00	16.05 -0.27 0.00	16.50 -0.26 0.00	22.36 -0.30 0.00	23.00 -0.22 0.00	21.94 -0.23 0.00	20.91 -0.31 0.00	29.04 -0.47 0.00	29.59 -0.33 0.00	26.27 -0.31 0.00	23.45 -0.25 0.00	23.01 -0.22 0.00	29.43 -0.24 0.00	34.90 -0.26 0.00	36.15 -0.41 0.00	36.37 -0.40 0.00	37.03 -0.40 0.00	44.78 -0.58 0.00	24.05 -0.34 0.00	28.77 -0.37 0.00	24.51 -0.33 0.00
NUMBER_THREE_WT_PWR 323818	20.98 -0.19 -5.79	10.29 -0.13 -2.11	19.80 -0.26 -5.08	21.71 -0.40 -7.05	23.17 -0.38 -7.24	23.12 -0.33 -6.71	30.09 -0.33 -7.76	31.02 -0.07 -7.87	30.58 0.45 -7.95	29.31 -0.05 -8.13	38.88 -0.11 -9.50	38.35 -0.59 -9.02	34.58 -0.38 -8.37	31.11 -0.41 -7.82	28.73 -0.27 -5.77	29.49 -0.18 0.00	35.23 0.07 0.00	36.77 0.21 0.00	37.92 1.14 0.00	38.78 1.35 0.00	47.03 1.67 0.00	25.33 0.94 0.00	30.46 1.31 0.00	25.95 1.12 0.00
NYISO_LBMP_REFERENCE 24008	15.37 0.00 0.00	8.31 0.00 0.00	14.98 0.00 0.00	15.06 0.00 0.00	16.32 0.00 0.00	16.75 0.00 0.00	22.66 0.00 0.00	23.22 0.00 0.00	22.18 0.00 0.00	21.22 0.00 0.00	29.50 0.00 0.00	29.92 0.00 0.00	26.59 0.00 0.00	23.70 0.00 0.00	23.23 0.00 0.00	29.67 0.00 0.00	35.16 0.00 0.00	36.56 0.00 0.00	36.77 0.00 0.00	37.43 0.00 0.00	45.36 0.00 0.00	24.39 0.00 0.00	29.15 0.00 0.00	24.83 0.00 0.00

NYPA_BRENTWD____GT 24164	19.50 1.39 -2.74	9.05 0.74 0.00	16.21 1.24 0.00	16.35 1.28 0.00	17.59 1.27 0.00	17.90 1.14 0.00	24.15 1.49 0.00	24.77 1.54 0.00	24.06 1.88 0.00	23.40 2.17 0.00	32.61 3.10 0.00	33.12 3.20 0.00	29.41 2.82 0.00	25.86 2.17 0.00	25.34 2.11 0.00	32.34 2.67 0.00	37.79 2.63 0.00	38.76 2.21 0.00	38.72 1.94 0.00	39.21 1.78 0.00	47.71 2.35 0.00	25.90 1.51 0.00	31.02 1.87 0.00	26.19 1.35 0.00
NYPA_GOWANUS____GT5 24156	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.06 2.50 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NYPA_GOWANUS____GT6 24157	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.13 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.52 0.00	24.94 1.71 0.00	23.93 1.75 0.00	23.07 1.85 0.00	32.08 2.58 0.00	32.56 2.64 0.00	28.94 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.63 0.00	39.06 2.50 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00
NYPA_HARLEM_RVR_GT1 24160	19.25 1.14 -2.74	8.87 0.56 0.00	15.93 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.76 1.01 0.00	24.00 1.34 0.00	24.77 1.54 0.00	23.83 1.65 0.00	22.92 1.69 0.00	31.85 2.35 0.00	32.31 2.39 0.00	28.73 2.14 0.00	25.56 1.87 0.00	25.04 1.81 0.00	31.87 2.21 0.00	37.51 2.35 0.00	38.72 2.17 0.01	38.71 1.94 0.01	39.40 1.97 0.00	47.79 2.43 0.00	25.66 1.27 0.00	30.68 1.53 0.00	25.95 1.12 0.00
NYPA_HARLEM_RVR_GT2 24161	19.25 1.14 -2.74	8.87 0.56 0.00	15.93 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.76 1.01 0.00	24.00 1.34 0.00	24.77 1.54 0.00	23.83 1.65 0.00	22.92 1.69 0.00	31.85 2.35 0.00	32.31 2.39 0.00	28.73 2.14 0.00	25.56 1.87 0.00	25.04 1.81 0.00	31.87 2.21 0.00	37.51 2.35 0.00	38.72 2.17 0.01	38.71 1.94 0.01	39.40 1.97 0.00	47.79 2.43 0.00	25.66 1.27 0.00	30.68 1.53 0.00	25.95 1.12 0.00
NYPA_KENT____GT 24152	19.33 1.22 -2.74	8.93 0.61 0.00	16.03 1.06 0.00	16.11 1.05 0.00	17.46 1.14 0.00	17.87 1.12 0.00	24.15 1.49 0.00	24.91 1.69 0.00	23.95 1.77 0.00	23.06 1.84 0.00	32.07 2.57 0.00	32.53 2.61 0.00	28.92 2.33 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.10 2.44 0.00	37.81 2.64 0.00	39.03 2.48 0.00	38.93 2.16 0.00	39.61 2.18 0.00	48.07 2.70 0.00	25.81 1.41 0.00	30.78 1.63 0.00	26.04 1.21 0.00
NYPA_POUCH1____GT 24155	19.35 1.24 -2.74	8.94 0.62 0.00	16.05 1.08 0.00	16.13 1.06 0.00	17.48 1.15 0.00	17.89 1.13 0.00	24.19 1.53 0.00	24.94 1.72 0.00	23.93 1.75 0.00	23.09 1.86 0.00	32.05 2.55 0.00	32.51 2.59 0.00	28.91 2.32 0.00	25.72 2.02 0.00	25.16 1.94 0.00	32.01 2.34 0.00	37.79 2.63 0.00	38.98 2.43 0.00	38.93 2.16 0.00	39.52 2.09 0.00	47.96 2.60 0.00	25.85 1.45 0.00	30.83 1.69 0.00	26.09 1.26 0.00
NYPA_VERNON____GT2 24162	19.31 1.20 -2.74	8.92 0.61 0.00	16.02 1.05 0.00	16.11 1.05 0.00	17.45 1.13 0.00	17.86 1.11 0.00	24.13 1.47 0.00	24.89 1.67 0.00	23.93 1.76 0.00	23.05 1.82 0.00	32.04 2.53 0.00	32.50 2.58 0.00	28.89 2.30 0.00	25.73 2.04 0.00	25.20 1.97 0.00	32.09 2.42 0.00	37.77 2.61 0.00	39.00 2.45 0.00	38.90 2.13 0.00	39.56 2.14 0.00	48.00 2.64 0.00	25.77 1.37 0.00	30.74 1.60 0.00	26.01 1.18 0.00
NYPA_VERNON____GT3 24163	19.31 1.20 -2.74	8.92 0.61 0.00	16.02 1.05 0.00	16.11 1.05 0.00	17.45 1.13 0.00	17.86 1.11 0.00	24.13 1.47 0.00	24.89 1.67 0.00	23.93 1.76 0.00	23.05 1.82 0.00	32.04 2.53 0.00	32.50 2.58 0.00	28.89 2.30 0.00	25.73 2.04 0.00	25.20 1.97 0.00	32.09 2.42 0.00	37.77 2.61 0.00	39.00 2.45 0.00	38.90 2.13 0.00	39.56 2.14 0.00	48.00 2.64 0.00	25.77 1.37 0.00	30.74 1.60 0.00	26.01 1.18 0.00
NYPA____ASTORIA_CC1 323568	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.78 0.00	31.98 2.47 0.00	32.44 2.52 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.01 2.35 0.00	37.68 2.52 0.00	38.91 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
NYPA____ASTORIA_CC2 323569	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.84 1.62 0.00	23.89 1.71 0.00	23.00 1.78 0.00	31.98 2.47 0.00	32.44 2.52 0.00	28.83 2.25 0.00	25.68 1.98 0.00	25.15 1.92 0.00	32.01 2.35 0.00	37.68 2.52 0.00	38.91 2.36 0.00	38.82 2.05 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.72 1.33 0.00	30.69 1.54 0.00	25.96 1.13 0.00
NYPA____HOLTSVILL 23794	19.43 1.32 -2.74	9.00 0.69 0.00	16.13 1.16 0.00	16.26 1.20 0.00	17.49 1.17 0.00	17.78 1.03 0.00	23.97 1.31 0.00	24.56 1.34 0.00	23.90 1.72 0.00	23.24 2.02 0.00	32.35 2.85 0.00	32.86 2.94 0.00	29.18 2.60 0.00	25.66 1.96 0.00	25.13 1.90 0.00	32.05 2.38 0.00	37.41 2.25 0.00	38.36 1.80 0.00	38.30 1.53 0.00	38.80 1.37 0.00	47.23 1.87 0.00	25.74 1.35 0.00	30.83 1.68 0.00	26.04 1.20 0.00
NYPA____HELLGATE_GT1 24158	19.25 1.14 -2.74	8.87 0.56 0.00	15.93 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.76 1.01 0.00	24.00 1.34 0.00	24.77 1.54 0.00	23.83 1.65 0.00	22.92 1.69 0.00	31.85 2.35 0.00	32.31 2.39 0.00	28.73 2.14 0.00	25.56 1.87 0.00	25.04 1.81 0.00	31.87 2.21 0.00	37.51 2.35 0.00	38.73 2.17 0.00	38.72 1.94 0.00	39.40 1.97 0.00	47.79 2.43 0.00	25.66 1.27 0.00	30.68 1.53 0.00	25.95 1.12 0.00
NYPA____HELLGATE_GT2 24159	19.25 1.14 -2.74	8.87 0.56 0.00	15.93 0.96 0.00	16.02 0.96 0.00	17.36 1.04 0.00	17.76 1.01 0.00	24.00 1.34 0.00	24.77 1.54 0.00	23.83 1.65 0.00	22.92 1.69 0.00	31.85 2.35 0.00	32.31 2.39 0.00	28.73 2.14 0.00	25.56 1.87 0.00	25.04 1.81 0.00	31.87 2.21 0.00	37.51 2.35 0.00	38.73 2.17 0.00	38.72 1.94 0.00	39.40 1.97 0.00	47.79 2.43 0.00	25.66 1.27 0.00	30.68 1.53 0.00	25.95 1.12 0.00
NYS_BARGE____HYD 23848	12.80 -1.55 1.03	7.55 -0.77 0.00	13.47 -1.51 0.00	13.54 -1.52 0.00	14.65 -1.67 0.00	15.02 -1.73 0.00	20.62 -2.04 0.00	21.12 -2.10 0.00	17.90 -1.89 2.39	19.26 -1.97 0.00	26.99 -2.51 0.00	27.52 -2.41 0.00	24.34 -2.24 0.00	21.50 -2.20 0.00	21.10 -2.13 0.00	27.07 -2.59 0.00	32.11 -3.05 0.00	33.48 -3.08 0.00	33.87 -2.90 0.00	34.54 -2.89 0.00	41.34 -4.02 0.00	22.21 -2.18 0.00	27.28 -1.87 0.00	23.64 -1.19 0.00

OAK ORCHARD___HYD 24046	13.74 -0.89 0.74	7.87 -0.44 0.00	14.12 -0.86 0.00	14.19 -0.87 0.00	15.36 -0.96 0.00	15.77 -0.98 0.00	21.53 -1.13 0.00	22.09 -1.14 0.00	21.14 -1.03 0.00	20.20 -1.03 0.00	28.16 -1.34 0.00	28.66 -1.27 0.00	25.38 -1.21 0.00	22.51 -1.18 0.00	22.09 -1.14 0.00	28.26 -1.41 0.00	33.55 -1.61 0.00	34.92 -1.64 0.00	35.27 -1.50 0.00	35.92 -1.51 0.00	43.20 -2.16 0.00	23.20 -1.19 0.00	28.05 -1.09 0.00	24.09 -0.75 0.00
OAKDALE___35_KV_LOAD 356122	14.40 -0.25 0.73	8.20 -0.11 0.00	14.75 -0.22 0.00	14.86 -0.20 0.00	16.12 -0.20 0.00	16.54 -0.22 0.00	22.44 -0.22 0.00	23.00 -0.23 0.00	22.06 -0.12 0.00	21.04 -0.18 0.00	29.22 -0.28 0.00	29.64 -0.28 0.00	26.30 -0.29 0.00	23.44 -0.26 0.00	22.95 -0.28 0.00	29.40 -0.27 0.00	34.83 -0.33 0.00	36.10 -0.45 0.00	36.35 -0.42 0.00	37.12 -0.31 0.00	44.95 -0.41 0.00	24.12 -0.28 0.00	28.94 -0.21 0.00	24.61 -0.22 0.00
OCC_CHEM___DRP 24175	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.71 0.00	14.44 -1.89 0.00	14.79 -1.96 0.00	20.29 -2.37 0.00	20.76 -2.46 0.00	17.25 -2.34 2.59	18.91 -2.32 0.00	26.50 -3.01 0.00	27.04 -2.88 0.00	23.96 -2.62 0.00	21.18 -2.52 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
OH_GEN_PROXY 24063	11.97 -1.64 1.77	7.51 -0.81 0.00	13.43 -1.54 0.00	13.50 -1.56 0.00	14.61 -1.72 0.00	14.97 -1.78 0.00	20.51 -2.15 0.00	21.01 -2.21 0.00	17.94 -2.05 2.19	19.17 -2.05 0.00	28.73 -2.64 -1.87	27.41 -2.51 0.00	24.27 -2.32 0.00	21.46 -2.24 0.00	21.01 -2.22 0.00	26.96 -2.71 0.00	31.96 -3.20 0.00	33.28 -3.28 0.00	33.67 -3.10 0.00	34.36 -3.07 0.00	41.17 -4.19 0.00	22.13 -2.26 0.00	27.11 -2.04 0.00	23.47 -1.37 0.00
OLIN_CORP_DRP 24177	12.53 -1.77 1.08	7.43 -0.88 0.00	13.27 -1.71 0.00	13.34 -1.72 0.00	14.43 -1.89 0.00	14.78 -1.97 0.00	20.29 -2.38 0.00	20.75 -2.47 0.00	17.30 -2.25 2.64	18.90 -2.33 0.00	26.47 -3.03 0.00	27.01 -2.91 0.00	23.92 -2.67 0.00	21.14 -2.56 0.00	20.72 -2.51 0.00	26.58 -3.09 0.00	31.52 -3.64 0.00	32.86 -3.70 0.00	33.25 -3.53 0.00	33.89 -3.54 0.00	40.56 -4.81 0.00	21.81 -2.58 0.00	26.83 -2.32 0.00	23.29 -1.55 0.00
OLIN_CORP_DSASP 323712	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.72 0.00	14.44 -1.89 0.00	14.79 -1.97 0.00	20.28 -2.38 0.00	20.75 -2.47 0.00	17.26 -2.33 2.59	18.92 -2.31 0.00	26.52 -2.98 0.00	27.06 -2.86 0.00	23.97 -2.62 0.00	21.17 -2.53 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
ONEIDA_HERK_LFGE 323681	18.13 0.10 -2.66	9.32 0.04 -0.97	17.37 0.06 -2.33	18.30 0.00 -3.23	19.68 0.04 -3.32	19.91 0.09 -3.07	26.41 0.19 -3.55	27.16 0.33 -3.61	26.38 0.55 -3.65	25.24 0.29 -3.73	34.22 0.37 -4.36	34.19 0.13 -4.14	30.66 0.23 -3.84	27.45 0.17 -3.58	26.11 0.24 -2.64	30.04 0.37 0.00	35.74 0.58 0.00	37.20 0.64 0.00	37.78 1.00 0.00	38.51 1.08 0.00	46.65 1.29 0.00	25.08 0.68 0.00	30.03 0.89 0.00	25.55 0.71 0.00
ONEIDA___115KV_TB4 55905	16.71 0.22 -1.12	8.84 0.12 -0.41	16.16 0.20 -0.98	16.62 0.19 -1.36	17.95 0.24 -1.40	18.36 0.31 -1.29	24.65 0.49 -1.50	25.31 0.56 -1.52	24.35 0.63 -1.54	23.26 0.46 -1.57	31.94 0.61 -1.83	32.10 0.44 -1.74	28.74 0.54 -1.62	25.67 0.46 -1.51	24.84 0.49 -1.11	30.35 0.68 0.00	36.03 0.87 0.00	37.39 0.83 0.00	37.66 0.88 0.00	38.31 0.88 0.00	46.35 0.99 0.00	24.89 0.50 0.00	29.75 0.60 0.00	25.28 0.45 0.00
ONONDAGA_REF_OCCRA 23987	15.48 -0.20 -0.31	8.21 -0.10 0.00	14.77 -0.20 0.00	14.87 -0.20 0.00	16.11 -0.21 0.00	16.55 -0.21 0.00	22.43 -0.23 0.00	22.99 -0.23 0.00	22.02 -0.16 0.00	21.01 -0.21 0.00	29.11 -0.39 0.00	29.53 -0.39 0.00	26.23 -0.36 0.00	23.40 -0.30 0.00	22.95 -0.28 0.00	29.32 -0.35 0.00	34.76 -0.40 0.00	36.12 -0.44 0.00	36.36 -0.42 0.00	36.98 -0.45 0.00	44.73 -0.63 0.00	24.03 -0.36 0.00	28.73 -0.42 0.00	24.48 -0.35 0.00
ONONDAGA___COGEN 23986	15.15 -0.23 0.00	8.20 -0.11 0.00	14.75 -0.22 0.00	14.84 -0.22 0.00	16.08 -0.24 0.00	16.52 -0.23 0.00	22.38 -0.29 0.00	22.94 -0.28 0.00	21.95 -0.23 0.00	20.96 -0.26 0.00	29.05 -0.45 0.00	29.50 -0.42 0.00	26.18 -0.41 0.00	23.35 -0.35 0.00	22.91 -0.32 0.00	29.26 -0.41 0.00	34.69 -0.46 0.00	36.04 -0.52 0.00	36.27 -0.50 0.00	36.90 -0.53 0.00	44.64 -0.72 0.00	23.99 -0.40 0.00	28.68 -0.47 0.00	24.43 -0.40 0.00
ONTARIO___LFGE 23819	13.36 -0.50 1.51	8.07 -0.25 0.00	14.48 -0.49 0.00	14.59 -0.48 0.00	15.82 -0.50 0.00	16.27 -0.48 0.00	22.17 -0.49 0.00	22.78 -0.45 0.00	23.47 -0.37 -1.66	20.71 -0.51 0.00	28.80 -0.70 0.00	29.32 -0.60 0.00	25.99 -0.60 0.00	23.18 -0.52 0.00	22.68 -0.55 0.00	29.10 -0.57 0.00	34.43 -0.73 0.00	35.74 -0.81 0.00	36.15 -0.63 0.00	36.93 -0.50 0.00	44.52 -0.84 0.00	23.93 -0.46 0.00	28.69 -0.46 0.00	24.48 -0.35 0.00
ORANGEVILLE_WT_PWR 323706	12.22 -1.59 1.56	7.52 -0.79 0.00	13.38 -1.59 0.00	13.47 -1.59 0.00	14.62 -1.70 0.00	14.99 -1.77 0.00	20.46 -2.20 0.00	20.98 -2.23 0.01	9.36 -2.02 10.80	19.15 -2.07 0.00	26.82 -2.68 0.00	27.33 -2.60 0.00	24.26 -2.33 0.00	21.57 -2.13 0.00	21.13 -2.10 0.00	27.20 -2.47 0.00	32.34 -2.82 0.00	33.65 -2.91 0.00	34.11 -2.66 0.00	34.96 -2.47 0.00	42.04 -3.32 0.00	22.52 -1.88 0.00	27.43 -1.72 0.00	23.67 -1.17 0.00
ORANGEVILLE___ESR 323794	12.22 -1.59 1.56	7.52 -0.79 0.00	13.38 -1.59 0.00	13.47 -1.59 0.00	14.62 -1.70 0.00	14.99 -1.77 0.00	20.46 -2.20 0.00	20.98 -2.23 0.01	9.36 -2.02 10.80	19.15 -2.07 0.00	26.82 -2.68 0.00	27.33 -2.60 0.00	24.26 -2.33 0.00	21.57 -2.13 0.00	21.13 -2.10 0.00	27.20 -2.47 0.00	32.34 -2.82 0.00	33.65 -2.91 0.00	34.11 -2.66 0.00	34.96 -2.47 0.00	42.04 -3.32 0.00	22.52 -1.88 0.00	27.43 -1.72 0.00	23.67 -1.17 0.00
OSWEGATCHIE___HYD 24044	28.77 0.07 -13.32	13.18 0.01 -4.85	26.64 -0.02 -11.68	31.15 -0.13 -16.21	32.86 -0.10 -16.64	32.19 0.02 -15.42	40.75 0.24 -17.84	41.79 0.48 -18.09	41.13 0.68 -18.28	40.27 0.34 -18.70	51.84 0.49 -21.84	50.71 0.04 -20.75	45.86 0.02 -19.26	41.69 0.01 -17.98	36.52 0.02 -13.26	30.09 0.42 0.00	36.06 0.90 0.00	37.85 1.29 0.00	38.98 2.21 0.00	39.80 2.37 0.00	48.26 2.90 0.00	25.94 1.54 0.00	31.13 1.98 0.00	26.47 1.64 0.00
OSWEGO___5 23606	14.94 -0.44 0.00	8.08 -0.23 0.00	14.55 -0.42 0.00	14.64 -0.43 0.00	15.86 -0.46 0.00	16.28 -0.47 0.00	22.02 -0.64 0.00	22.55 -0.67 0.00	21.58 -0.60 0.00	20.63 -0.60 0.00	28.58 -0.92 0.00	28.98 -0.94 0.00	25.75 -0.84 0.00	22.97 -0.73 0.00	22.53 -0.70 0.00	28.73 -0.93 0.00	34.08 -1.08 0.00	35.41 -1.15 0.00	35.65 -1.13 0.00	36.29 -1.14 0.00	43.92 -1.45 0.00	23.63 -0.76 0.00	28.24 -0.91 0.00	24.09 -0.75 0.00

OSWEGO___6 23613	14.94 -0.44 0.00	8.08 -0.23 0.00	14.55 -0.42 0.00	14.64 -0.43 0.00	15.86 -0.46 0.00	16.28 -0.47 0.00	22.02 -0.64 0.00	22.55 -0.67 0.00	21.58 -0.60 0.00	20.63 -0.60 0.00	28.58 -0.92 0.00	28.98 -0.94 0.00	25.75 -0.84 0.00	22.97 -0.73 0.00	22.53 -0.70 0.00	28.73 -0.93 0.00	34.08 -1.08 0.00	35.41 -1.15 0.00	35.65 -1.13 0.00	36.29 -1.14 0.00	43.92 -1.45 0.00	23.63 -0.76 0.00	28.24 -0.91 0.00	24.09 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	12.84 -1.43 1.10	7.61 -0.70 0.00	13.60 -1.38 0.00	13.67 -1.39 0.00	14.78 -1.54 0.00	15.15 -1.60 0.00	20.79 -1.87 0.00	21.30 -1.92 0.00	17.66 -1.75 2.76	19.43 -1.79 0.00	27.25 -2.26 0.00	27.80 -2.13 0.00	24.61 -1.97 0.00	21.77 -1.93 0.00	21.32 -1.91 0.00	27.37 -2.30 0.00	32.46 -2.70 0.00	33.81 -2.75 0.00	34.22 -2.55 0.00	34.89 -2.53 0.00	41.79 -3.58 0.00	22.44 -1.95 0.00	27.53 -1.61 0.00	23.83 -1.01 0.00
OXBOW___BTM 323836	12.71 -1.58 1.08	7.54 -0.78 0.00	13.46 -1.51 0.00	13.53 -1.53 0.00	14.63 -1.69 0.00	15.00 -1.76 0.00	20.58 -2.08 0.00	21.07 -2.15 0.00	17.51 -1.99 2.68	19.22 -2.00 0.00	26.95 -2.55 0.00	27.50 -2.42 0.00	24.35 -2.24 0.00	21.52 -2.18 0.00	21.08 -2.15 0.00	27.04 -2.63 0.00	32.08 -3.08 0.00	33.42 -3.14 0.00	33.83 -2.95 0.00	34.49 -2.94 0.00	41.27 -4.09 0.00	22.18 -2.21 0.00	27.23 -1.92 0.00	23.61 -1.23 0.00
OXBOW____ 24026	12.72 -1.58 1.08	7.54 -0.77 0.00	13.46 -1.51 0.00	13.54 -1.53 0.00	14.64 -1.69 0.00	15.00 -1.75 0.00	20.58 -2.08 0.00	21.08 -2.15 0.00	17.50 -2.00 2.68	19.21 -2.01 0.00	26.94 -2.57 0.00	27.48 -2.44 0.00	24.35 -2.24 0.00	21.52 -2.18 0.00	21.08 -2.15 0.00	27.04 -2.63 0.00	32.08 -3.08 0.00	33.42 -3.14 0.00	33.83 -2.95 0.00	34.49 -2.94 0.00	41.27 -4.09 0.00	22.18 -2.21 0.00	27.24 -1.91 0.00	23.60 -1.23 0.00
OXY_CHEM_DSASP 323612	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.71 0.00	14.44 -1.89 0.00	14.79 -1.96 0.00	20.29 -2.37 0.00	20.76 -2.46 0.00	17.25 -2.34 2.59	18.91 -2.32 0.00	26.50 -3.01 0.00	27.04 -2.88 0.00	23.96 -2.62 0.00	21.18 -2.52 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
OZONE_PARK_ESR 323760	19.41 1.30 -2.74	8.98 0.67 0.00	16.12 1.15 0.00	16.20 1.14 0.00	17.55 1.23 0.00	17.97 1.22 0.00	24.30 1.64 0.00	25.06 1.84 0.00	24.11 1.93 0.00	23.19 1.97 0.00	32.25 2.75 0.00	32.72 2.80 0.00	29.08 2.50 0.00	25.91 2.21 0.00	25.38 2.14 0.00	32.33 2.67 0.00	38.06 2.90 0.00	39.35 2.79 0.00	39.25 2.48 0.00	39.90 2.47 0.00	48.37 3.01 0.00	25.96 1.57 0.00	30.98 1.83 0.00	26.20 1.37 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.71 0.00	14.44 -1.89 0.00	14.79 -1.96 0.00	20.29 -2.37 0.00	20.76 -2.46 0.00	17.25 -2.34 2.59	18.91 -2.32 0.00	26.50 -3.01 0.00	27.04 -2.88 0.00	23.96 -2.62 0.00	21.18 -2.52 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
PACKARD__115KV_DUPONT_184 80571	12.54 -1.78 1.06	7.43 -0.88 0.00	13.28 -1.70 0.00	13.35 -1.71 0.00	14.44 -1.89 0.00	14.79 -1.96 0.00	20.29 -2.37 0.00	20.76 -2.46 0.00	17.25 -2.34 2.59	18.91 -2.32 0.00	26.50 -3.01 0.00	27.04 -2.88 0.00	23.96 -2.62 0.00	21.18 -2.52 0.00	20.73 -2.50 0.00	26.60 -3.07 0.00	31.54 -3.62 0.00	32.87 -3.69 0.00	33.27 -3.50 0.00	33.91 -3.52 0.00	40.58 -4.78 0.00	21.82 -2.57 0.00	26.82 -2.32 0.00	23.29 -1.55 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.28 1.17 -2.74	8.89 0.58 0.00	15.97 0.99 0.00	16.05 0.99 0.00	17.39 1.07 0.00	17.80 1.05 0.00	24.07 1.41 0.00	24.82 1.59 0.00	23.86 1.68 0.00	22.95 1.73 0.00	31.89 2.39 0.00	32.35 2.43 0.00	28.76 2.17 0.00	25.60 1.90 0.00	25.08 1.85 0.00	31.93 2.26 0.00	37.59 2.43 0.00	38.84 2.28 0.00	38.84 2.06 0.00	39.51 2.08 0.00	47.89 2.53 0.00	25.72 1.32 0.00	30.69 1.54 0.00	25.96 1.12 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.31 1.20 -2.74	8.90 0.59 0.00	16.00 1.03 0.00	16.09 1.03 0.00	17.43 1.11 0.00	17.83 1.08 0.00	24.12 1.46 0.00	24.88 1.66 0.00	23.89 1.71 0.00	23.00 1.77 0.00	31.93 2.43 0.00	32.38 2.46 0.00	28.76 2.18 0.00	25.60 1.91 0.00	25.08 1.85 0.00	31.94 2.27 0.00	37.59 2.43 0.00	38.85 2.29 0.00	38.87 2.10 0.00	39.57 2.14 0.00	47.96 2.60 0.00	25.74 1.35 0.00	30.70 1.55 0.00	25.96 1.12 0.00
PATROON__115KV_TB1 80586	26.28 0.60 -10.31	8.62 0.30 0.00	15.54 0.57 0.00	15.69 0.62 0.00	16.96 0.64 0.00	17.38 0.63 0.00	23.50 0.84 0.00	24.12 0.90 0.00	23.12 0.95 0.00	22.11 0.89 0.00	30.57 1.06 0.00	30.98 1.05 0.00	27.53 0.95 0.00	24.58 0.88 0.00	24.12 0.89 0.00	30.70 1.03 0.00	36.31 1.15 0.00	37.76 1.21 0.00	37.86 1.08 0.00	38.51 1.08 0.00	46.79 1.43 0.00	25.12 0.73 0.00	29.92 0.77 0.00	25.42 0.59 0.00
PATTRSNVILLE___SOLAR 323815	31.37 0.57 -15.42	8.61 0.30 0.00	15.53 0.55 0.00	15.62 0.55 0.00	16.92 0.60 0.00	17.37 0.61 0.00	23.51 0.85 0.00	24.15 0.93 0.00	23.12 0.94 0.00	21.93 0.70 0.00	30.12 0.62 0.00	30.76 0.84 0.00	27.28 0.69 0.00	24.26 0.57 0.00	23.75 0.52 0.00	30.43 0.76 0.00	36.37 1.21 0.00	37.89 1.33 0.00	38.09 1.31 0.00	38.75 1.32 0.00	46.98 1.62 0.00	25.23 0.84 0.00	30.11 0.96 0.00	25.58 0.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.02 -1.11 1.24	7.79 -0.53 0.00	13.91 -1.07 0.00	14.01 -1.06 0.00	15.16 -1.16 0.00	15.54 -1.21 0.00	21.29 -1.37 0.00	21.84 -1.38 0.00	18.14 -1.16 2.88	19.95 -1.27 0.00	27.95 -1.55 0.00	28.52 -1.41 0.00	25.23 -1.36 0.00	22.38 -1.32 0.00	21.90 -1.33 0.00	28.16 -1.51 0.00	33.38 -1.78 0.00	34.69 -1.87 0.00	35.08 -1.70 0.00	35.87 -1.56 0.00	43.04 -2.32 0.00	23.11 -1.29 0.00	28.25 -0.89 0.00	24.35 -0.49 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.88 1.10 -2.40	8.88 0.57 0.00	15.96 0.98 0.00	16.04 0.97 0.00	17.38 1.06 0.00	17.81 1.06 0.00	24.08 1.42 0.00	24.82 1.60 0.00	23.87 1.69 0.00	22.95 1.72 0.00	31.86 2.36 0.00	32.26 2.33 0.00	28.65 2.07 0.00	25.55 1.85 0.00	25.03 1.80 0.00	31.93 2.26 0.00	37.67 2.50 0.00	39.03 2.47 0.00	39.00 2.22 0.00	39.63 2.20 0.00	48.03 2.67 0.00	25.75 1.36 0.00	30.69 1.55 0.00	25.97 1.13 0.00
PEEKSKILL____ 23653	19.06 1.01 -2.69	8.83 0.51 0.00	15.86 0.88 0.00	15.94 0.88 0.00	17.27 0.95 0.00	17.68 0.92 0.00	23.90 1.24 0.00	24.60 1.38 0.00	23.65 1.47 0.00	22.74 1.51 0.00	31.61 2.10 0.00	32.05 2.13 0.00	28.47 1.89 0.00	25.37 1.67 0.00	24.84 1.61 0.00	31.67 2.00 0.00	37.32 2.16 0.00	38.65 2.09 0.00	38.57 1.80 0.00	39.22 1.79 0.00	47.57 2.21 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.76 0.93 0.00

PGE MADISON___WINDPWR 24146	18.07 0.50 -2.21	8.55 0.24 0.00	15.32 0.35 0.00	15.55 0.49 0.00	16.83 0.51 0.00	17.55 0.79 0.00	23.88 1.22 0.00	24.44 1.21 0.00	23.90 1.14 -0.58	21.93 0.70 0.00	30.09 0.59 0.00	30.32 0.40 0.00	26.77 0.19 0.00	23.98 0.28 0.00	23.68 0.45 0.00	30.45 0.79 0.00	36.68 1.52 0.00	38.26 1.71 0.00	38.64 1.86 0.00	39.11 1.68 0.00	47.45 2.09 0.00	25.36 0.97 0.00	30.22 1.07 0.00	25.53 0.70 0.00
PIERCEFIELD___HYD 23852	35.28 0.28 -19.63	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.10 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.86 0.97 -26.66	50.08 0.97 -26.93	49.51 0.73 -27.56	62.77 1.08 -32.19	61.11 0.61 -30.58	55.37 0.40 -28.38	50.58 0.38 -26.50	43.08 0.30 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.57 0.00	26.98 2.14 0.00
PINELAWN_CC_1 323563	19.41 1.30 -2.74	8.99 0.68 0.00	16.11 1.13 0.00	16.23 1.17 0.00	17.48 1.16 0.00	17.82 1.07 0.00	24.04 1.38 0.00	24.70 1.47 0.00	23.97 1.79 0.00	23.26 2.04 0.00	32.43 2.93 0.00	32.91 2.99 0.00	29.23 2.64 0.00	25.72 2.03 0.00	25.20 1.97 0.00	32.17 2.50 0.00	37.62 2.46 0.00	38.70 2.14 0.00	38.61 1.84 0.00	39.12 1.69 0.00	47.56 2.20 0.00	25.81 1.42 0.00	30.87 1.73 0.00	26.05 1.22 0.00
PJM_GEN_HTP_PROXY 323702	17.26 1.12 -0.76	8.89 0.57 0.00	15.96 0.99 0.00	16.04 0.98 0.00	17.38 1.06 0.00	19.79 1.04 -2.00	24.04 1.39 0.00	24.79 1.57 0.00	23.85 1.67 0.00	22.94 1.71 0.00	31.90 2.40 0.00	32.35 2.43 0.00	28.74 2.16 0.00	25.61 1.92 0.00	25.08 1.85 0.00	31.96 2.29 0.00	37.62 2.46 0.00	38.90 2.35 0.00	37.68 2.04 1.14	39.44 2.01 0.00	47.82 2.47 0.00	25.66 1.27 0.00	30.48 1.48 0.14	25.92 1.08 0.00
PJM_GEN_KEystone 24065	12.55 -0.15 2.67	8.25 -0.06 0.00	14.81 -0.17 0.00	14.91 -0.16 0.00	16.16 -0.16 0.00	18.55 -0.20 -2.00	22.49 -0.17 0.00	23.07 -0.15 0.00	21.55 -0.01 0.62	21.19 -0.03 0.00	29.53 0.03 0.00	30.02 0.10 0.00	26.64 0.05 0.00	23.71 0.01 0.00	23.18 -0.05 0.00	29.67 0.00 0.00	35.04 -0.12 0.00	36.29 -0.27 0.00	34.45 -0.37 1.96	37.22 -0.21 0.00	46.08 -0.32 -1.04	24.14 -0.25 0.00	28.96 -0.05 0.14	24.77 -0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.23 1.10 -0.76	8.88 0.57 0.00	15.91 0.94 0.00	16.04 0.98 0.00	17.29 0.97 0.00	19.66 0.90 -2.00	23.81 1.15 0.00	24.46 1.23 0.00	23.68 1.50 0.00	22.92 1.69 0.00	31.96 2.45 0.00	32.42 2.49 0.00	28.81 2.22 0.00	25.47 1.78 0.00	24.95 1.72 0.00	31.82 2.15 0.00	37.23 2.07 0.00	38.37 1.81 0.00	37.12 1.48 1.14	38.77 1.34 0.00	47.14 1.78 0.00	25.50 1.11 0.00	30.36 1.36 0.14	25.76 0.93 0.00
PJM_GEN_VFT_PROXY 323633	17.26 1.13 -0.76	8.89 0.57 0.00	15.96 0.99 0.00	16.04 0.97 0.00	17.38 1.06 0.00	19.79 1.03 -2.00	24.04 1.38 0.00	24.76 1.54 0.00	23.81 1.64 0.00	22.89 1.67 0.00	31.85 2.34 0.00	32.30 2.38 0.00	28.71 2.12 0.00	25.58 1.88 0.00	25.03 1.80 0.00	31.89 2.23 0.00	37.53 2.37 0.00	38.83 2.27 0.00	37.57 1.94 1.14	39.36 1.93 0.00	47.73 2.37 0.00	25.62 1.23 0.00	30.44 1.43 0.14	25.88 1.05 0.00
PLATSBURG_115KV_PMLD1 355749	-14.52 -0.42 29.48	-2.63 -0.21 10.74	-11.24 -0.37 25.85	-21.22 -0.41 35.88	-21.18 -0.44 37.06	-20.74 -0.55 36.94	-20.67 -0.59 42.74	-20.70 -0.57 43.35	-22.25 -0.49 43.93	-23.93 -0.33 44.82	-23.42 -0.57 52.34	-20.70 -0.89 49.73	-20.61 -1.05 46.15	-20.52 -1.13 43.09	-9.64 -1.09 31.78	29.86 0.19 0.00	35.77 0.61 0.00	37.80 1.24 0.00	38.27 1.49 0.00	39.09 1.66 0.00	47.69 2.33 0.00	25.77 1.38 0.00	30.80 1.66 0.00	26.44 1.61 0.00
PLEASANTVLY___LBMP 24000	19.29 0.91 -3.01	8.77 0.46 0.00	15.77 0.80 0.00	15.86 0.79 0.00	17.18 0.86 0.00	17.60 0.85 0.00	23.78 1.12 0.00	24.48 1.25 0.00	23.52 1.34 0.00	22.61 1.38 0.00	31.39 1.88 0.00	31.81 1.89 0.00	28.24 1.66 0.00	25.18 1.48 0.00	24.67 1.44 0.00	31.44 1.77 0.00	37.08 1.92 0.00	38.42 1.86 0.00	38.39 1.62 0.00	39.02 1.59 0.00	47.33 1.97 0.00	25.40 1.00 0.00	30.28 1.14 0.00	25.64 0.81 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.19 1.05 -2.77	8.85 0.54 0.00	15.90 0.92 0.00	15.98 0.91 0.00	17.31 0.99 0.00	17.73 0.97 0.00	23.97 1.30 0.00	24.67 1.45 0.00	23.72 1.55 0.00	22.82 1.60 0.00	31.71 2.20 0.00	32.15 2.23 0.00	28.55 1.97 0.00	25.45 1.75 0.00	24.93 1.70 0.00	31.78 2.11 0.00	37.44 2.28 0.00	38.77 2.21 0.00	38.70 1.93 0.00	39.33 1.90 0.00	47.69 2.33 0.00	25.59 1.19 0.00	30.52 1.37 0.00	25.83 1.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.19 1.05 -2.77	8.85 0.54 0.00	15.90 0.92 0.00	15.98 0.91 0.00	17.31 0.99 0.00	17.73 0.97 0.00	23.97 1.30 0.00	24.67 1.45 0.00	23.72 1.55 0.00	22.82 1.60 0.00	31.71 2.20 0.00	32.15 2.23 0.00	28.55 1.97 0.00	25.45 1.75 0.00	24.93 1.70 0.00	31.78 2.11 0.00	37.44 2.28 0.00	38.77 2.21 0.00	38.70 1.93 0.00	39.33 1.90 0.00	47.69 2.33 0.00	25.59 1.19 0.00	30.52 1.37 0.00	25.83 1.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.86 1.00 -3.49	8.82 0.50 0.00	15.85 0.88 0.00	15.94 0.87 0.00	17.26 0.94 0.00	17.70 0.95 0.00	23.92 1.26 0.00	24.64 1.42 0.00	23.69 1.51 0.00	22.77 1.55 0.00	31.59 2.08 0.00	31.95 2.03 0.00	28.37 1.79 0.00	25.30 1.60 0.00	24.80 1.57 0.00	31.63 1.96 0.00	37.32 2.16 0.00	38.73 2.18 0.00	38.73 1.95 0.00	39.36 1.92 0.00	47.69 2.33 0.00	25.58 1.19 0.00	30.48 1.33 0.00	25.79 0.96 0.00
POLETTI_____ 23519	19.27 1.16 -2.74	8.90 0.59 0.00	15.99 1.01 0.00	16.07 1.00 0.00	17.41 1.09 0.00	17.82 1.07 0.00	24.06 1.40 0.00	24.80 1.58 0.00	23.86 1.68 0.00	22.95 1.73 0.00	31.90 2.40 0.00	32.36 2.44 0.00	28.77 2.18 0.00	25.65 1.95 0.00	25.10 1.88 0.00	31.98 2.31 0.00	37.63 2.47 0.00	38.90 2.35 0.00	38.80 2.02 0.00	39.43 2.00 0.00	47.82 2.46 0.00	25.68 1.29 0.00	30.64 1.50 0.00	25.94 1.10 0.00
POMONA___ESR 323819	18.96 1.02 -2.57	8.83 0.52 0.00	15.86 0.89 0.00	15.94 0.88 0.00	17.28 0.95 0.00	17.68 0.92 0.00	23.91 1.25 0.00	24.60 1.38 0.00	23.63 1.45 0.00	22.72 1.50 0.00	31.59 2.09 0.00	32.04 2.13 0.00	28.48 1.89 0.00	25.38 1.68 0.00	24.85 1.62 0.00	31.68 2.01 0.00	37.36 2.20 0.00	38.70 2.14 0.00	38.61 1.84 0.00	39.26 1.83 0.00	47.61 2.25 0.00	25.51 1.12 0.00	30.43 1.28 0.00	25.77 0.93 0.00
PORT_JEFF_3 23555	19.46 1.35 -2.74	9.02 0.71 0.00	16.17 1.19 0.00	16.30 1.23 0.00	17.52 1.20 0.00	17.83 1.07 0.00	24.04 1.38 0.00	24.64 1.41 0.00	23.98 1.80 0.00	23.32 2.09 0.00	32.46 2.96 0.00	32.98 3.06 0.00	29.28 2.69 0.00	25.73 2.03 0.00	25.21 1.98 0.00	32.17 2.50 0.00	37.55 2.39 0.00	38.51 1.96 0.00	38.48 1.70 0.00	38.96 1.53 0.00	47.41 2.05 0.00	25.84 1.45 0.00	30.94 1.79 0.00	26.12 1.29 0.00

PORT_JEFF_4 23616	19.46 1.35 -2.74	9.02 0.71 0.00	16.17 1.19 0.00	16.30 1.23 0.00	17.52 1.20 0.00	17.83 1.07 0.00	24.04 1.38 0.00	24.64 1.41 0.00	23.98 1.80 0.00	23.32 2.09 0.00	32.46 2.96 0.00	32.98 3.06 0.00	29.28 2.69 0.00	25.73 2.03 0.00	25.21 1.98 0.00	32.17 2.50 0.00	37.55 2.39 0.00	38.51 1.96 0.00	38.48 1.70 0.00	38.96 1.53 0.00	47.41 2.05 0.00	25.84 1.45 0.00	30.94 1.79 0.00	26.12 1.29 0.00
PORT_JEFF_IC 23713	19.47 1.35 -2.74	9.02 0.71 0.00	16.16 1.19 0.00	16.29 1.23 0.00	17.52 1.20 0.00	17.82 1.07 0.00	24.04 1.38 0.00	24.64 1.41 0.00	23.98 1.80 0.00	23.32 2.10 0.00	32.46 2.96 0.00	32.97 3.05 0.00	29.28 2.70 0.00	25.74 2.04 0.00	25.21 1.98 0.00	32.18 2.51 0.00	37.56 2.40 0.00	38.52 1.97 0.00	38.49 1.72 0.00	38.99 1.56 0.00	47.44 2.08 0.00	25.87 1.48 0.00	30.96 1.82 0.00	26.13 1.30 0.00
PPL PILGRIM_ST_GT1 24216	19.50 1.39 -2.74	9.05 0.74 0.00	16.21 1.24 0.00	16.35 1.28 0.00	17.59 1.27 0.00	17.90 1.14 0.00	24.15 1.49 0.00	24.77 1.54 0.00	24.06 1.88 0.00	23.40 2.17 0.00	32.61 3.10 0.00	33.12 3.20 0.00	29.41 2.82 0.00	25.86 2.17 0.00	25.34 2.11 0.00	32.34 2.67 0.00	37.79 2.63 0.00	38.76 2.21 0.00	38.72 1.94 0.00	39.21 1.78 0.00	47.71 2.35 0.00	25.90 1.51 0.00	31.02 1.87 0.00	26.19 1.35 0.00
PPL PILGRIM_ST_GT2 24217	19.50 1.39 -2.74	9.05 0.74 0.00	16.21 1.24 0.00	16.35 1.28 0.00	17.59 1.27 0.00	17.90 1.14 0.00	24.15 1.49 0.00	24.77 1.54 0.00	24.06 1.88 0.00	23.40 2.17 0.00	32.61 3.10 0.00	33.12 3.20 0.00	29.41 2.82 0.00	25.86 2.17 0.00	25.34 2.11 0.00	32.34 2.67 0.00	37.79 2.63 0.00	38.76 2.21 0.00	38.72 1.94 0.00	39.21 1.78 0.00	47.71 2.35 0.00	25.90 1.51 0.00	31.02 1.87 0.00	26.19 1.35 0.00
PPL_SHRM_GT3 24213	19.48 1.37 -2.74	9.03 0.71 0.00	16.17 1.20 0.00	16.30 1.23 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.41 0.00	24.65 1.43 0.00	24.03 1.85 0.00	23.37 2.14 0.00	32.52 3.02 0.00	33.02 3.10 0.00	29.30 2.71 0.00	25.67 1.97 0.00	25.15 1.92 0.00	32.07 2.41 0.00	37.32 2.16 0.00	38.17 1.62 0.00	38.16 1.38 0.00	38.63 1.20 0.00	47.04 1.68 0.00	25.93 1.54 0.00	30.99 1.84 0.00	26.13 1.29 0.00
PPL_SHRM_GT4 24214	19.48 1.37 -2.74	9.03 0.71 0.00	16.17 1.20 0.00	16.30 1.23 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.41 0.00	24.65 1.43 0.00	24.03 1.85 0.00	23.37 2.14 0.00	32.52 3.02 0.00	33.02 3.10 0.00	29.30 2.71 0.00	25.67 1.97 0.00	25.15 1.92 0.00	32.07 2.41 0.00	37.32 2.16 0.00	38.17 1.62 0.00	38.16 1.38 0.00	38.63 1.20 0.00	47.04 1.68 0.00	25.93 1.54 0.00	30.99 1.84 0.00	26.13 1.29 0.00
PROJECT___ORANGE 1 24174	15.10 -0.28 0.00	8.17 -0.14 0.00	14.70 -0.27 0.00	14.79 -0.27 0.00	16.02 -0.30 0.00	16.45 -0.30 0.00	22.28 -0.38 0.00	22.83 -0.40 0.00	21.87 -0.31 0.00	20.88 -0.34 0.00	28.93 -0.57 0.00	29.35 -0.57 0.00	26.07 -0.51 0.00	23.25 -0.45 0.00	22.80 -0.43 0.00	29.11 -0.56 0.00	34.51 -0.65 0.00	35.86 -0.70 0.00	36.08 -0.70 0.00	36.71 -0.71 0.00	44.41 -0.95 0.00	23.88 -0.51 0.00	28.55 -0.60 0.00	24.33 -0.50 0.00
PROJECT___ORANGE 2 24166	15.10 -0.28 0.00	8.17 -0.14 0.00	14.70 -0.27 0.00	14.79 -0.27 0.00	16.02 -0.30 0.00	16.45 -0.30 0.00	22.28 -0.38 0.00	22.83 -0.40 0.00	21.87 -0.31 0.00	20.88 -0.34 0.00	28.93 -0.57 0.00	29.35 -0.57 0.00	26.07 -0.51 0.00	23.25 -0.45 0.00	22.80 -0.43 0.00	29.11 -0.56 0.00	34.51 -0.65 0.00	35.86 -0.70 0.00	36.08 -0.70 0.00	36.71 -0.71 0.00	44.41 -0.95 0.00	23.88 -0.51 0.00	28.55 -0.60 0.00	24.33 -0.50 0.00
PUCKETT___SOLAR 323809	15.28 -0.10 0.00	8.28 -0.04 0.00	14.89 -0.09 0.00	15.01 -0.06 0.00	16.28 -0.05 0.00	16.77 0.01 0.00	22.77 0.11 0.00	23.27 0.04 0.00	22.26 0.08 0.00	21.17 -0.06 0.00	29.25 -0.25 0.00	29.70 -0.22 0.00	26.22 -0.37 0.00	23.38 -0.31 0.00	22.93 -0.29 0.00	29.51 -0.16 0.00	35.12 -0.04 0.00	36.53 -0.03 0.00	36.85 0.08 0.00	37.54 0.11 0.00	45.50 0.14 0.00	24.38 -0.01 0.00	29.21 0.06 0.00	24.79 -0.04 0.00
PYRITES___HYD 24023	35.70 0.69 -19.63	15.81 0.35 -7.15	32.77 0.59 -17.22	39.46 0.51 -23.89	41.43 0.59 -24.52	40.30 0.82 -22.72	50.45 1.50 -26.29	51.68 1.79 -26.66	50.80 1.69 -26.93	50.19 1.40 -27.56	63.71 2.02 -32.19	61.91 1.41 -30.58	55.98 1.01 -28.38	51.19 0.99 -26.50	43.58 0.81 -19.55	31.49 1.82 0.00	37.86 2.70 0.00	39.96 3.40 0.00	41.14 4.36 0.00	41.93 4.50 0.00	50.74 5.38 0.00	27.19 2.80 0.00	32.52 3.37 0.00	27.64 2.80 0.00
QUAKERRD_115KV_BK1 80622	13.63 -1.06 0.69	7.77 -0.54 0.00	13.95 -1.02 0.00	14.03 -1.03 0.00	15.20 -1.13 0.00	15.60 -1.15 0.00	21.26 -1.40 0.00	21.81 -1.42 0.00	20.85 -1.33 0.00	19.92 -1.30 0.00	27.74 -1.77 0.00	28.20 -1.72 0.00	25.00 -1.58 0.00	22.22 -1.47 0.00	21.79 -1.44 0.00	27.86 -1.80 0.00	33.10 -2.06 0.00	34.44 -2.11 0.00	34.76 -2.01 0.00	35.38 -2.05 0.00	42.60 -2.77 0.00	22.89 -1.50 0.00	27.60 -1.55 0.00	23.66 -1.18 0.00
QUEENSBRY_115KV_TB8 356137	40.26 0.88 -24.01	8.73 0.41 0.00	15.80 0.82 0.00	15.90 0.84 0.00	17.25 0.93 0.00	17.72 0.96 0.00	24.03 1.37 0.00	24.72 1.50 0.00	23.67 1.49 0.00	22.56 1.34 0.00	30.97 1.47 0.00	31.50 1.58 0.00	27.80 1.22 0.00	24.85 1.15 0.00	24.21 0.98 0.00	30.96 1.29 0.00	36.95 1.79 0.00	38.46 1.90 0.00	38.67 1.89 0.00	39.24 1.82 0.00	47.62 2.26 0.00	25.57 1.18 0.00	30.51 1.36 0.00	25.81 0.98 0.00
RAMAPO___LBMP 323565	18.86 0.96 -2.53	8.80 0.49 0.00	15.81 0.84 0.00	15.89 0.83 0.00	17.22 0.90 0.00	17.62 0.87 0.00	23.83 1.17 0.00	24.52 1.30 0.00	23.55 1.37 0.00	22.63 1.41 0.00	31.46 1.95 0.00	31.90 1.98 0.00	28.35 1.76 0.00	25.26 1.57 0.00	24.73 1.50 0.00	31.54 1.87 0.00	37.17 2.02 0.00	38.53 1.98 0.00	38.46 1.68 0.00	39.11 1.68 0.00	47.43 2.07 0.00	25.41 1.02 0.00	30.32 1.17 0.00	25.68 0.85 0.00
RANKINE____ 23646	12.82 -1.34 1.21	7.66 -0.65 0.00	13.68 -1.29 0.00	13.78 -1.29 0.00	14.90 -1.42 0.00	15.27 -1.48 0.00	20.93 -1.73 0.00	21.45 -1.77 0.00	17.26 -1.58 3.34	19.59 -1.63 0.00	27.47 -2.03 0.00	28.02 -1.90 0.00	24.82 -1.77 0.00	22.00 -1.70 0.00	21.53 -1.70 0.00	27.68 -1.99 0.00	32.86 -2.30 0.00	34.18 -2.38 0.00	34.56 -2.21 0.00	35.32 -2.11 0.00	42.34 -3.02 0.00	22.72 -1.67 0.00	27.81 -1.34 0.00	24.03 -0.81 0.00
RAVENSWOOD_GT2_1 24244	19.27 1.16 -2.74	8.91 0.59 0.00	15.99 1.02 0.00	16.07 1.01 0.00	17.41 1.09 0.00	17.83 1.08 0.00	24.09 1.42 0.00	24.82 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.79 2.21 0.00	25.66 1.97 0.00	25.12 1.89 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.95 2.39 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.90 2.54 0.00	25.71 1.32 0.00	30.68 1.54 0.00	25.97 1.14 0.00

RAVENSWOOD_GT2_2 24245	19.27 1.16 -2.74	8.91 0.59 0.00	15.99 1.02 0.00	16.07 1.01 0.00	17.41 1.09 0.00	17.83 1.08 0.00	24.09 1.42 0.00	24.82 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.79 2.21 0.00	25.66 1.97 0.00	25.12 1.89 0.00	32.01 2.34 0.00	37.68 2.52 0.00	38.95 2.39 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.90 2.54 0.00	25.71 1.32 0.00	30.68 1.54 0.00	25.97 1.14 0.00
RAVENSWOOD_GT2_3 24246	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.84 1.62 0.00	23.89 1.71 0.00	22.99 1.76 0.00	31.96 2.46 0.00	32.42 2.49 0.00	28.81 2.23 0.00	25.68 1.98 0.00	25.14 1.91 0.00	32.03 2.36 0.00	37.70 2.54 0.00	38.97 2.42 0.00	38.88 2.10 0.00	39.52 2.09 0.00	47.93 2.57 0.00	25.72 1.33 0.00	30.70 1.56 0.00	25.98 1.15 0.00
RAVENSWOOD_GT2_4 24247	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.08 1.02 0.00	17.42 1.10 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.84 1.62 0.00	23.89 1.71 0.00	22.99 1.76 0.00	31.96 2.46 0.00	32.42 2.49 0.00	28.81 2.23 0.00	25.68 1.98 0.00	25.14 1.91 0.00	32.03 2.36 0.00	37.70 2.54 0.00	38.97 2.42 0.00	38.88 2.10 0.00	39.52 2.09 0.00	47.93 2.57 0.00	25.72 1.33 0.00	30.70 1.56 0.00	25.98 1.15 0.00
RAVENSWOOD_GT3_1 24248	19.27 1.16 -2.74	8.91 0.59 0.00	16.00 1.02 0.00	16.08 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.80 2.21 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.40 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT3_2 24249	19.27 1.16 -2.74	8.91 0.59 0.00	16.00 1.02 0.00	16.08 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.80 2.21 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.40 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT3_3 24250	19.30 1.18 -2.74	8.92 0.61 0.00	16.02 1.04 0.00	16.10 1.03 0.00	17.44 1.12 0.00	17.85 1.10 0.00	24.13 1.47 0.00	24.86 1.64 0.00	23.92 1.74 0.00	23.01 1.79 0.00	32.00 2.50 0.00	32.46 2.54 0.00	28.84 2.26 0.00	25.71 2.01 0.00	25.17 1.94 0.00	32.07 2.40 0.00	37.75 2.59 0.00	39.02 2.46 0.00	38.92 2.15 0.00	39.56 2.13 0.00	47.99 2.63 0.00	25.75 1.36 0.00	30.74 1.59 0.00	26.01 1.18 0.00
RAVENSWOOD_GT3_4 24251	19.30 1.18 -2.74	8.92 0.61 0.00	16.02 1.04 0.00	16.10 1.03 0.00	17.44 1.12 0.00	17.85 1.10 0.00	24.13 1.47 0.00	24.86 1.64 0.00	23.92 1.74 0.00	23.01 1.79 0.00	32.00 2.50 0.00	32.46 2.54 0.00	28.84 2.26 0.00	25.71 2.01 0.00	25.17 1.94 0.00	32.07 2.40 0.00	37.75 2.59 0.00	39.02 2.46 0.00	38.92 2.15 0.00	39.56 2.13 0.00	47.99 2.63 0.00	25.75 1.36 0.00	30.74 1.59 0.00	26.01 1.18 0.00
RAVENSWOOD_GT_1 23729	19.31 1.20 -2.74	8.92 0.61 0.00	16.02 1.05 0.00	16.10 1.04 0.00	17.45 1.13 0.00	17.86 1.11 0.00	24.13 1.47 0.00	24.88 1.66 0.00	23.93 1.75 0.00	23.04 1.82 0.00	32.03 2.53 0.00	32.49 2.57 0.00	28.89 2.30 0.00	25.74 2.04 0.00	25.20 1.97 0.00	32.09 2.42 0.00	37.77 2.61 0.00	39.00 2.45 0.00	38.90 2.12 0.00	39.56 2.14 0.00	48.00 2.64 0.00	25.77 1.37 0.00	30.75 1.60 0.00	26.01 1.18 0.00
RAVENSWOOD_GT_10 24258	19.27 1.16 -2.74	8.91 0.59 0.00	16.00 1.02 0.00	16.08 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.80 2.21 0.00	25.66 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.40 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT_11 24259	19.27 1.16 -2.74	8.91 0.59 0.00	16.00 1.02 0.00	16.08 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.80 2.21 0.00	25.66 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.40 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT_4 24252	19.27 1.16 -2.74	8.91 0.59 0.00	15.99 1.02 0.00	16.07 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.40 2.48 0.00	28.79 2.21 0.00	25.66 1.97 0.00	25.12 1.89 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.41 0.00	38.86 2.08 0.00	39.50 2.07 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT_5 24254	19.27 1.16 -2.74	8.91 0.59 0.00	15.99 1.02 0.00	16.07 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.40 2.48 0.00	28.79 2.21 0.00	25.66 1.97 0.00	25.12 1.89 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.41 0.00	38.86 2.08 0.00	39.50 2.07 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT_6 24253	19.27 1.16 -2.74	8.91 0.59 0.00	15.99 1.02 0.00	16.07 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.40 2.48 0.00	28.79 2.21 0.00	25.66 1.97 0.00	25.12 1.89 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.41 0.00	38.86 2.08 0.00	39.50 2.07 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT_7 24255	19.27 1.16 -2.74	8.91 0.59 0.00	15.99 1.02 0.00	16.07 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.40 2.48 0.00	28.79 2.21 0.00	25.66 1.97 0.00	25.12 1.89 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.41 0.00	38.86 2.08 0.00	39.50 2.07 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.27 1.16 -2.74	8.91 0.59 0.00	16.00 1.02 0.00	16.08 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.80 2.21 0.00	25.66 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.40 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00

RAVENSWOOD_GT_9 24257	19.27 1.16 -2.74	8.91 0.59 0.00	16.00 1.02 0.00	16.08 1.01 0.00	17.42 1.09 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.88 1.70 0.00	22.98 1.75 0.00	31.94 2.44 0.00	32.41 2.48 0.00	28.80 2.21 0.00	25.66 1.97 0.00	25.13 1.90 0.00	32.01 2.34 0.00	37.69 2.53 0.00	38.96 2.40 0.00	38.86 2.08 0.00	39.49 2.06 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.14 0.00
RAVENSWOOD____1 23533	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.03 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.85 1.62 0.00	23.90 1.72 0.00	23.01 1.78 0.00	31.98 2.48 0.00	32.44 2.52 0.00	28.84 2.25 0.00	25.69 1.99 0.00	25.16 1.92 0.00	32.03 2.36 0.00	37.71 2.55 0.00	38.94 2.39 0.00	38.86 2.09 0.00	39.51 2.08 0.00	47.94 2.57 0.00	25.73 1.34 0.00	30.70 1.55 0.00	25.97 1.14 0.00
RAVENSWOOD____2 23534	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.03 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.85 1.62 0.00	23.90 1.72 0.00	23.01 1.78 0.00	31.98 2.48 0.00	32.44 2.52 0.00	28.84 2.25 0.00	25.69 1.99 0.00	25.16 1.92 0.00	32.03 2.36 0.00	37.71 2.55 0.00	38.94 2.39 0.00	38.86 2.09 0.00	39.51 2.08 0.00	47.94 2.57 0.00	25.73 1.34 0.00	30.70 1.55 0.00	25.97 1.14 0.00
RAVENSWOOD____3 23535	19.28 1.16 -2.74	8.91 0.59 0.00	16.00 1.02 0.00	16.08 1.01 0.00	17.42 1.10 0.00	17.83 1.08 0.00	24.09 1.43 0.00	24.83 1.60 0.00	23.89 1.71 0.00	22.98 1.76 0.00	31.96 2.46 0.00	32.41 2.49 0.00	28.80 2.22 0.00	25.67 1.97 0.00	25.13 1.90 0.00	32.01 2.35 0.00	37.69 2.53 0.00	38.96 2.40 0.00	38.86 2.08 0.00	39.50 2.07 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.69 1.54 0.00	25.98 1.15 0.00
RAVENSWOOD____4 23820	19.28 1.17 -2.74	8.91 0.60 0.00	16.00 1.03 0.00	16.09 1.03 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.85 1.62 0.00	23.90 1.72 0.00	23.01 1.78 0.00	31.98 2.48 0.00	32.44 2.52 0.00	28.84 2.25 0.00	25.69 1.99 0.00	25.16 1.92 0.00	32.03 2.36 0.00	37.71 2.55 0.00	38.94 2.39 0.00	38.86 2.09 0.00	39.51 2.08 0.00	47.94 2.57 0.00	25.73 1.34 0.00	30.70 1.55 0.00	25.97 1.14 0.00
RCPI_TRUST____DRP 24196	19.26 1.15 -2.74	8.90 0.59 0.00	15.98 1.01 0.00	16.07 1.00 0.00	17.41 1.08 0.00	17.82 1.07 0.00	24.08 1.42 0.00	24.84 1.61 0.00	23.90 1.72 0.00	22.98 1.76 0.00	31.96 2.46 0.00	32.42 2.50 0.00	28.80 2.22 0.00	25.68 1.98 0.00	25.14 1.91 0.00	32.04 2.37 0.00	37.71 2.55 0.00	38.98 2.43 0.00	38.90 2.12 0.00	39.51 2.08 0.00	47.91 2.55 0.00	25.71 1.32 0.00	30.66 1.52 0.00	25.95 1.12 0.00
RED____ROCHESTER 323720	13.83 -0.81 0.73	7.92 -0.39 0.00	14.19 -0.78 0.00	14.27 -0.79 0.00	15.45 -0.88 0.00	15.87 -0.88 0.00	21.66 -1.00 0.00	22.23 -1.00 0.00	21.28 -0.90 0.00	20.33 -0.89 0.00	28.35 -1.15 0.00	28.84 -1.09 0.00	25.54 -1.05 0.00	22.65 -1.05 0.00	22.23 -1.00 0.00	28.44 -1.23 0.00	33.77 -1.39 0.00	35.15 -1.40 0.00	35.51 -1.27 0.00	36.15 -1.28 0.00	43.48 -1.88 0.00	23.35 -1.05 0.00	28.23 -0.92 0.00	24.21 -0.62 0.00
REGAN____SOLAR 323812	30.55 0.81 -14.37	8.74 0.43 0.00	15.75 0.78 0.00	15.82 0.76 0.00	17.16 0.84 0.00	17.62 0.87 0.00	23.92 1.26 0.00	24.62 1.39 0.00	23.53 1.34 0.00	21.88 0.66 0.00	29.75 0.25 0.00	30.56 0.63 0.00	27.31 0.73 0.00	24.11 0.42 0.00	23.67 0.44 0.00	30.71 1.04 0.00	37.00 1.84 0.00	38.70 2.15 0.00	39.03 2.26 0.00	39.73 2.31 0.00	48.06 2.69 0.00	25.80 1.40 0.00	30.79 1.64 0.00	26.16 1.32 0.00
RENSSELAER____COGEN 23796	-64.04 0.53 79.94	8.58 0.27 0.00	15.48 0.50 0.00	15.63 0.56 0.00	16.89 0.57 0.00	17.31 0.56 0.00	23.39 0.72 0.00	24.00 0.78 0.00	23.01 0.83 0.00	22.00 0.78 0.00	30.43 0.92 0.00	30.81 0.88 0.00	27.38 0.80 0.00	24.46 0.76 0.00	23.99 0.75 0.00	30.52 0.85 0.00	36.09 0.93 0.00	37.54 0.98 0.00	37.63 0.86 0.00	38.28 0.86 0.00	46.52 1.16 0.00	24.99 0.59 0.00	29.76 0.61 0.00	25.29 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.48 1.62 -24.50	9.05 0.73 0.00	16.51 1.54 0.00	16.65 1.59 0.00	18.12 1.79 0.00	18.58 1.83 0.00	25.24 2.58 0.00	26.02 2.80 0.00	24.85 2.67 0.00	23.61 2.39 0.00	32.37 2.87 0.00	32.91 2.99 0.00	28.98 2.39 0.00	26.07 2.38 0.00	25.19 1.96 0.00	32.13 2.46 0.00	38.71 3.55 0.00	40.41 3.85 0.00	40.59 3.81 0.00	41.28 3.85 0.00	50.01 4.65 0.00	26.87 2.48 0.00	32.01 2.86 0.00	26.96 2.12 0.00
REVERE_CPPR_DRP 24186	17.35 0.30 -1.68	9.09 0.16 -0.61	16.72 0.28 -1.47	17.36 0.25 -2.04	18.72 0.31 -2.09	19.08 0.39 -1.94	25.53 0.62 -2.25	26.22 0.72 -2.28	25.32 0.83 -2.30	24.19 0.61 -2.35	33.07 0.82 -2.75	33.12 0.58 -2.61	29.72 0.71 -2.43	26.57 0.61 -2.27	25.55 0.65 -1.67	30.58 0.91 0.00	36.32 1.16 0.00	37.75 1.19 0.00	38.12 1.34 0.00	38.79 1.36 0.00	46.90 1.54 0.00	25.19 0.79 0.00	30.12 0.97 0.00	25.59 0.76 0.00
REYNOLDS_115KV_TB3 80639	79.05 0.65 -63.02	8.65 0.33 0.00	15.59 0.61 0.00	15.71 0.65 0.00	17.00 0.68 0.00	17.44 0.69 0.00	23.57 0.91 0.00	24.19 0.96 0.00	23.18 1.00 0.00	22.17 0.94 0.00	30.65 1.15 0.00	31.04 1.12 0.00	27.60 1.01 0.00	24.64 0.94 0.00	24.17 0.94 0.00	30.76 1.09 0.00	36.34 1.18 0.00	37.80 1.24 0.00	37.87 1.09 0.00	38.54 1.11 0.00	46.88 1.52 0.00	25.17 0.78 0.00	29.97 0.83 0.00	25.46 0.63 0.00
RIVERBAY____ 323610	19.31 1.20 -2.74	8.90 0.59 0.00	16.00 1.03 0.00	16.09 1.03 0.00	17.43 1.11 0.00	17.83 1.08 0.00	24.12 1.46 0.00	24.88 1.66 0.00	23.89 1.71 0.00	23.00 1.77 0.00	31.93 2.43 0.00	32.38 2.46 0.00	28.76 2.18 0.00	25.60 1.91 0.00	25.08 1.85 0.00	31.94 2.27 0.00	37.59 2.43 0.00	38.85 2.29 0.00	38.87 2.10 0.00	39.57 2.14 0.00	47.96 2.60 0.00	25.74 1.35 0.00	30.70 1.55 0.00	25.96 1.12 0.00
RIVERSDE_115KV_TB3 55908	45.53 0.60 -29.56	8.62 0.31 0.00	15.54 0.57 0.00	15.68 0.62 0.00	16.96 0.64 0.00	17.38 0.63 0.00	23.50 0.83 0.00	24.12 0.89 0.00	23.11 0.94 0.00	22.11 0.88 0.00	30.57 1.06 0.00	30.96 1.04 0.00	27.52 0.94 0.00	24.57 0.87 0.00	24.10 0.87 0.00	30.67 1.01 0.00	36.26 1.10 0.00	37.72 1.16 0.00	37.79 1.02 0.00	38.45 1.02 0.00	46.75 1.39 0.00	25.11 0.72 0.00	29.90 0.75 0.00	25.40 0.57 0.00
ROARING____BROOK_WT_PWR 323790	13.79 -0.52 1.07	-7.76 -0.30 15.77	5.68 -0.48 8.82	-39.00 -0.58 53.49	-39.00 -0.62 54.70	-39.00 -0.61 55.15	-39.00 -0.81 60.86	-39.00 -0.85 61.38	-4.47 -0.80 25.84	9.25 -0.81 11.16	26.67 -1.08 1.75	27.08 -1.18 1.66	24.21 -0.84 1.54	21.46 -0.80 1.44	21.43 -0.74 1.06	28.90 -0.77 0.00	34.35 -0.81 0.00	35.80 -0.75 0.00	36.35 -0.43 0.00	37.16 -0.27 0.00	45.03 -0.33 0.00	24.21 -0.18 0.00	29.11 -0.04 0.00	24.99 0.16 0.00

ROCHESRG_115KV_T4 355643	13.71 -0.94 0.72	7.85 -0.47 0.00	14.07 -0.90 0.00	14.15 -0.91 0.00	15.31 -1.01 0.00	15.72 -1.03 0.00	21.45 -1.21 0.00	22.01 -1.22 0.00	20.61 -1.13 0.44	20.11 -1.12 0.00	28.03 -1.47 0.00	28.52 -1.41 0.00	25.27 -1.31 0.00	22.43 -1.27 0.00	22.00 -1.23 0.00	28.14 -1.53 0.00	33.40 -1.76 0.00	34.77 -1.79 0.00	35.10 -1.67 0.00	35.76 -1.67 0.00	43.01 -2.36 0.00	23.11 -1.28 0.00	27.96 -1.19 0.00	24.00 -0.83 0.00
ROCHESTER_9_IC 23652	13.77 -0.87 0.73	7.89 -0.42 0.00	14.14 -0.84 0.00	14.21 -0.85 0.00	15.39 -0.93 0.00	15.80 -0.95 0.00	21.56 -1.10 0.00	22.13 -1.10 0.00	21.17 -1.01 0.00	20.22 -1.00 0.00	28.20 -1.31 0.00	28.69 -1.23 0.00	25.42 -1.17 0.00	22.55 -1.15 0.00	22.12 -1.11 0.00	28.31 -1.36 0.00	33.60 -1.56 0.00	34.97 -1.59 0.00	35.32 -1.45 0.00	35.96 -1.47 0.00	43.27 -2.09 0.00	23.23 -1.16 0.00	28.10 -1.05 0.00	24.11 -0.72 0.00
ROCKVIEW_13_KV_LD 356306	19.23 1.12 -2.74	8.89 0.57 0.00	15.96 0.99 0.00	16.05 0.98 0.00	17.38 1.06 0.00	17.80 1.05 0.00	24.06 1.40 0.00	24.79 1.56 0.00	23.84 1.66 0.00	22.93 1.71 0.00	31.88 2.38 0.00	32.33 2.41 0.00	28.72 2.14 0.00	25.60 1.90 0.00	25.07 1.84 0.00	31.96 2.29 0.00	37.64 2.48 0.00	38.94 2.38 0.00	38.86 2.08 0.00	39.49 2.07 0.00	47.89 2.53 0.00	25.69 1.30 0.00	30.66 1.51 0.00	25.95 1.12 0.00
ROME____115KV_TB2 80656	17.35 0.30 -1.68	9.09 0.16 -0.61	16.72 0.28 -1.47	17.36 0.25 -2.04	18.72 0.31 -2.09	19.08 0.39 -1.94	25.53 0.62 -2.25	26.22 0.72 -2.28	25.32 0.83 -2.30	24.19 0.61 -2.35	33.07 0.82 -2.75	33.12 0.58 -2.61	29.72 0.71 -2.43	26.57 0.61 -2.27	25.55 0.65 -1.67	30.58 0.91 0.00	36.32 1.16 0.00	37.75 1.19 0.00	38.12 1.34 0.00	38.79 1.36 0.00	46.90 1.54 0.00	25.19 0.79 0.00	30.12 0.97 0.00	25.59 0.76 0.00
ROSETON____1 23587	18.97 0.92 -2.68	8.78 0.47 0.00	15.78 0.80 0.00	15.87 0.80 0.00	17.19 0.86 0.00	17.61 0.85 0.00	23.79 1.13 0.00	24.48 1.26 0.00	23.52 1.35 0.00	22.61 1.39 0.00	31.41 1.91 0.00	31.83 1.91 0.00	28.27 1.69 0.00	25.20 1.50 0.00	24.69 1.46 0.00	31.47 1.80 0.00	37.11 1.95 0.00	38.45 1.89 0.00	38.40 1.63 0.00	39.04 1.62 0.00	47.36 2.00 0.00	25.40 1.01 0.00	30.30 1.15 0.00	25.65 0.82 0.00
ROSETON____2 23588	18.97 0.92 -2.68	8.78 0.47 0.00	15.78 0.80 0.00	15.87 0.80 0.00	17.19 0.86 0.00	17.61 0.85 0.00	23.79 1.13 0.00	24.48 1.26 0.00	23.52 1.35 0.00	22.61 1.39 0.00	31.41 1.91 0.00	31.83 1.91 0.00	28.27 1.69 0.00	25.20 1.50 0.00	24.69 1.46 0.00	31.47 1.80 0.00	37.11 1.95 0.00	38.45 1.89 0.00	38.40 1.63 0.00	39.04 1.62 0.00	47.36 2.00 0.00	25.40 1.01 0.00	30.30 1.15 0.00	25.65 0.82 0.00
ROTRRDAM_115KV_TB3 80664	31.72 0.53 -15.82	8.58 0.27 0.00	15.48 0.51 0.00	15.58 0.51 0.00	16.87 0.55 0.00	17.31 0.56 0.00	23.41 0.75 0.00	24.04 0.82 0.00	23.03 0.85 0.00	21.97 0.75 0.00	30.34 0.83 0.00	30.82 0.90 0.00	27.35 0.77 0.00	24.37 0.67 0.00	23.88 0.65 0.00	30.49 0.83 0.00	36.23 1.07 0.00	37.68 1.12 0.00	37.83 1.06 0.00	38.47 1.04 0.00	46.69 1.33 0.00	25.08 0.68 0.00	29.91 0.77 0.00	25.40 0.57 0.00
RUSSELL____1 23602	13.83 -0.81 0.73	7.92 -0.39 0.00	14.19 -0.78 0.00	14.27 -0.79 0.00	15.45 -0.88 0.00	15.87 -0.89 0.00	21.66 -1.00 0.00	22.22 -1.00 0.00	21.27 -0.91 0.00	20.32 -0.91 0.00	28.33 -1.17 0.00	28.83 -1.10 0.00	25.53 -1.05 0.00	22.65 -1.04 0.00	22.23 -1.00 0.00	28.43 -1.24 0.00	33.77 -1.39 0.00	35.15 -1.40 0.00	35.51 -1.27 0.00	36.15 -1.27 0.00	43.48 -1.88 0.00	23.35 -1.05 0.00	28.23 -0.92 0.00	24.21 -0.62 0.00
RUSSELL____2 23532	13.83 -0.81 0.73	7.92 -0.39 0.00	14.19 -0.78 0.00	14.27 -0.79 0.00	15.45 -0.88 0.00	15.87 -0.89 0.00	21.66 -1.00 0.00	22.22 -1.00 0.00	21.27 -0.91 0.00	20.32 -0.91 0.00	28.33 -1.17 0.00	28.83 -1.10 0.00	25.53 -1.05 0.00	22.65 -1.04 0.00	22.23 -1.00 0.00	28.43 -1.24 0.00	33.77 -1.39 0.00	35.15 -1.40 0.00	35.51 -1.27 0.00	36.15 -1.27 0.00	43.48 -1.88 0.00	23.35 -1.05 0.00	28.23 -0.92 0.00	24.21 -0.62 0.00
RUSSELL____3 23549	13.83 -0.81 0.73	7.92 -0.39 0.00	14.19 -0.78 0.00	14.27 -0.79 0.00	15.45 -0.88 0.00	15.87 -0.89 0.00	21.66 -1.00 0.00	22.22 -1.00 0.00	21.27 -0.91 0.00	20.32 -0.91 0.00	28.33 -1.17 0.00	28.83 -1.10 0.00	25.53 -1.05 0.00	22.65 -1.04 0.00	22.23 -1.00 0.00	28.43 -1.24 0.00	33.77 -1.39 0.00	35.15 -1.40 0.00	35.51 -1.27 0.00	36.15 -1.27 0.00	43.48 -1.88 0.00	23.35 -1.05 0.00	28.23 -0.92 0.00	24.21 -0.62 0.00
RUSSELL____4 23556	13.83 -0.81 0.73	7.92 -0.39 0.00	14.19 -0.78 0.00	14.27 -0.79 0.00	15.45 -0.88 0.00	15.87 -0.89 0.00	21.66 -1.00 0.00	22.22 -1.00 0.00	21.27 -0.91 0.00	20.32 -0.91 0.00	28.33 -1.17 0.00	28.83 -1.10 0.00	25.53 -1.05 0.00	22.65 -1.04 0.00	22.23 -1.00 0.00	28.43 -1.24 0.00	33.77 -1.39 0.00	35.15 -1.40 0.00	35.51 -1.27 0.00	36.15 -1.27 0.00	43.48 -1.88 0.00	23.35 -1.05 0.00	28.23 -0.92 0.00	24.21 -0.62 0.00
RUSSELL____STATION 23914	13.83 -0.81 0.73	7.92 -0.39 0.00	14.19 -0.78 0.00	14.27 -0.79 0.00	15.45 -0.88 0.00	15.87 -0.89 0.00	21.66 -1.00 0.00	22.22 -1.00 0.00	21.27 -0.91 0.00	20.32 -0.91 0.00	28.33 -1.17 0.00	28.83 -1.10 0.00	25.53 -1.05 0.00	22.65 -1.04 0.00	22.23 -1.00 0.00	28.43 -1.24 0.00	33.77 -1.39 0.00	35.15 -1.40 0.00	35.51 -1.27 0.00	36.15 -1.27 0.00	43.48 -1.88 0.00	23.35 -1.05 0.00	28.23 -0.92 0.00	24.21 -0.62 0.00
S SALMON____HYD 24043	17.14 -0.33 -2.09	8.88 -0.20 -0.76	16.42 -0.39 -1.84	17.19 -0.42 -2.55	18.49 -0.45 -2.62	18.72 -0.46 -2.42	24.88 -0.59 -2.80	25.52 -0.55 -2.84	24.64 -0.41 -2.87	23.71 -0.45 -2.94	32.25 -0.69 -3.43	32.34 -0.84 -3.26	28.87 -0.74 -3.03	25.89 -0.63 -2.82	24.71 -0.61 -2.08	28.84 -0.83 0.00	34.36 -0.81 0.00	35.74 -0.82 0.00	36.31 -0.46 0.00	37.02 -0.41 0.00	44.87 -0.49 0.00	24.17 -0.22 0.00	28.98 -0.16 0.00	24.68 -0.15 0.00
S.PERRY__115KV_TB1 80734	12.94 -0.76 1.67	7.92 -0.38 0.00	14.19 -0.78 0.00	14.26 -0.81 0.00	15.48 -0.84 0.00	15.91 -0.84 0.00	21.79 -0.88 0.00	22.43 -0.81 -0.02	32.66 -0.72 -11.20	20.39 -0.83 0.00	28.48 -1.03 0.00	29.01 -0.91 0.00	25.65 -0.94 0.00	22.86 -0.83 0.00	22.38 -0.85 0.00	28.75 -0.92 0.00	34.15 -1.01 0.00	35.69 -0.87 0.00	36.27 -0.51 0.00	37.05 -0.38 0.00	44.53 -0.83 0.00	23.82 -0.57 0.00	28.78 -0.37 0.00	24.66 -0.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.75 -1.49 1.14	7.58 -0.73 0.00	13.54 -1.43 0.00	13.63 -1.44 0.00	14.74 -1.58 0.00	15.10 -1.65 0.00	20.71 -1.96 0.00	21.22 -2.00 0.00	17.14 -1.84 3.20	19.36 -1.86 0.00	27.13 -2.37 0.00	27.69 -2.23 0.00	24.53 -2.06 0.00	21.71 -1.98 0.00	21.26 -1.97 0.00	27.30 -2.37 0.00	32.38 -2.78 0.00	33.71 -2.85 0.00	34.12 -2.65 0.00	34.84 -2.59 0.00	41.74 -3.62 0.00	22.41 -1.98 0.00	27.47 -1.68 0.00	23.77 -1.07 0.00

SAWYER___23_KV_LOAD 55526	12.75 -1.49 1.14	7.58 -0.73 0.00	13.54 -1.43 0.00	13.63 -1.44 0.00	14.74 -1.58 0.00	15.10 -1.65 0.00	20.71 -1.96 0.00	21.22 -2.00 0.00	17.14 -1.84 3.20	19.36 -1.86 0.00	27.13 -2.37 0.00	27.69 -2.23 0.00	24.53 -2.06 0.00	21.71 -1.98 0.00	21.26 -1.97 0.00	27.30 -2.37 0.00	32.38 -2.78 0.00	33.71 -2.85 0.00	34.12 -2.65 0.00	34.84 -2.59 0.00	41.74 -3.62 0.00	22.41 -1.98 0.00	27.47 -1.68 0.00	23.77 -1.07 0.00
SELKIRK___I 23801	-22.85 0.58 38.80	8.62 0.31 0.00	15.55 0.58 0.00	15.68 0.62 0.00	16.96 0.64 0.00	17.39 0.63 0.00	23.49 0.83 0.00	24.10 0.87 0.00	23.08 0.90 0.00	22.04 0.82 0.00	30.34 0.84 0.00	30.72 0.80 0.00	27.30 0.71 0.00	24.36 0.66 0.00	23.88 0.65 0.00	30.43 0.76 0.00	36.13 0.97 0.00	37.65 1.09 0.00	37.80 1.03 0.00	38.47 1.04 0.00	46.73 1.37 0.00	25.10 0.71 0.00	29.92 0.77 0.00	25.43 0.60 0.00
SELKIRK___II 23799	-29.59 0.50 45.46	8.57 0.26 0.00	15.46 0.48 0.00	15.59 0.52 0.00	16.86 0.54 0.00	17.28 0.52 0.00	23.34 0.68 0.00	23.95 0.73 0.00	22.95 0.77 0.00	21.97 0.74 0.00	30.37 0.87 0.00	30.76 0.84 0.00	27.34 0.75 0.00	24.40 0.70 0.00	23.93 0.70 0.00	30.48 0.81 0.00	36.05 0.89 0.00	37.49 0.93 0.00	37.60 0.82 0.00	38.26 0.83 0.00	46.47 1.11 0.00	24.96 0.57 0.00	29.75 0.60 0.00	25.28 0.44 0.00
SENECA OSWGO___HYD 24041	15.00 -0.37 0.00	8.12 -0.20 0.00	14.61 -0.36 0.00	14.70 -0.37 0.00	15.93 -0.39 0.00	16.35 -0.40 0.00	22.11 -0.55 0.00	22.65 -0.58 0.00	21.68 -0.50 0.00	20.71 -0.51 0.00	28.69 -0.81 0.00	29.08 -0.84 0.00	25.83 -0.76 0.00	23.04 -0.66 0.00	22.60 -0.62 0.00	28.83 -0.83 0.00	34.20 -0.96 0.00	35.54 -1.02 0.00	35.80 -0.97 0.00	36.44 -0.98 0.00	44.09 -1.27 0.00	23.72 -0.68 0.00	28.33 -0.82 0.00	24.15 -0.68 0.00
SENECA___115KV_TB3 355854	12.84 -1.32 1.21	7.68 -0.64 0.00	13.70 -1.27 0.00	13.79 -1.27 0.00	14.92 -1.40 0.00	15.30 -1.46 0.00	20.96 -1.70 0.00	21.48 -1.73 0.00	17.29 -1.54 3.34	19.63 -1.60 0.00	27.52 -1.99 0.00	28.08 -1.85 0.00	24.86 -1.73 0.00	22.03 -1.67 0.00	21.57 -1.66 0.00	27.72 -1.95 0.00	32.90 -2.26 0.00	34.23 -2.33 0.00	34.62 -2.16 0.00	35.38 -2.05 0.00	42.42 -2.94 0.00	22.76 -1.63 0.00	27.86 -1.29 0.00	24.06 -0.77 0.00
SENECA___ENERGY 23797	14.17 -0.51 0.69	8.05 -0.26 0.00	14.47 -0.51 0.00	14.57 -0.50 0.00	15.79 -0.54 0.00	16.22 -0.53 0.00	22.05 -0.61 0.00	22.66 -0.57 0.00	22.38 -0.50 0.00	20.63 -0.59 0.00	28.67 -0.84 0.00	29.19 -0.73 0.00	25.89 -0.69 0.00	23.08 -0.62 0.00	22.59 -0.64 0.00	28.93 -0.74 0.00	34.27 -0.89 0.00	35.56 -0.99 0.00	35.89 -0.89 0.00	36.61 -0.82 0.00	44.16 -1.20 0.00	23.73 -0.66 0.00	28.43 -0.72 0.00	24.26 -0.57 0.00
SHOEMAKER___GT 23640	18.86 1.10 -2.38	8.88 0.57 0.00	15.96 0.98 0.00	16.04 0.98 0.00	17.38 1.06 0.00	17.81 1.05 0.00	24.12 1.46 0.00	24.83 1.60 0.00	23.85 1.67 0.00	22.90 1.67 0.00	31.77 2.27 0.00	32.00 2.07 0.00	28.41 1.82 0.00	25.33 1.64 0.00	24.82 1.59 0.00	31.70 2.03 0.00	37.49 2.33 0.00	39.00 2.45 0.00	39.03 2.25 0.00	39.68 2.25 0.00	48.09 2.73 0.00	25.76 1.36 0.00	30.72 1.57 0.00	25.99 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	18.85 1.10 -2.38	8.87 0.56 0.00	15.95 0.97 0.00	16.03 0.96 0.00	17.37 1.05 0.00	17.80 1.04 0.00	24.10 1.44 0.00	24.81 1.58 0.00	23.83 1.65 0.00	22.88 1.66 0.00	31.74 2.24 0.00	31.99 2.07 0.00	28.41 1.82 0.00	25.34 1.64 0.00	24.82 1.59 0.00	31.69 2.03 0.00	37.48 2.32 0.00	38.98 2.42 0.00	39.00 2.23 0.00	39.65 2.22 0.00	48.05 2.69 0.00	25.74 1.34 0.00	30.69 1.54 0.00	25.98 1.14 0.00
SHOREHAM_IC_1 23715	19.48 1.37 -2.74	9.03 0.71 0.00	16.17 1.20 0.00	16.30 1.23 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.41 0.00	24.65 1.43 0.00	24.03 1.85 0.00	23.37 2.14 0.00	32.52 3.02 0.00	33.02 3.10 0.00	29.30 2.71 0.00	25.67 1.97 0.00	25.15 1.92 0.00	32.07 2.41 0.00	37.32 2.16 0.00	38.17 1.62 0.00	38.16 1.38 0.00	38.63 1.20 0.00	47.04 1.68 0.00	25.93 1.54 0.00	30.99 1.84 0.00	26.13 1.29 0.00
SHOREHAM_IC_2 23716	19.48 1.37 -2.74	9.03 0.71 0.00	16.17 1.20 0.00	16.30 1.23 0.00	17.54 1.22 0.00	17.84 1.09 0.00	24.08 1.41 0.00	24.65 1.43 0.00	24.03 1.85 0.00	23.37 2.14 0.00	32.52 3.02 0.00	33.02 3.10 0.00	29.30 2.71 0.00	25.67 1.97 0.00	25.15 1.92 0.00	32.07 2.41 0.00	37.32 2.16 0.00	38.17 1.62 0.00	38.16 1.38 0.00	38.63 1.20 0.00	47.04 1.68 0.00	25.93 1.54 0.00	30.99 1.84 0.00	26.13 1.29 0.00
SISSONVILLE____ 23735	35.28 0.28 -19.63	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.10 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.86 0.97 -26.66	50.08 0.97 -26.93	49.51 0.73 -27.56	62.77 1.08 -32.19	61.11 0.61 -30.58	55.37 0.40 -28.38	50.58 0.38 -26.50	43.08 0.30 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.57 0.00	26.98 2.14 0.00
SITHE_IND_GS1 24169	14.85 -0.52 0.00	8.04 -0.27 0.00	14.47 -0.50 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.38 -0.84 0.00	21.42 -0.76 0.00	20.48 -0.74 0.00	28.35 -1.15 0.00	28.75 -1.17 0.00	25.54 -1.05 0.00	22.79 -0.91 0.00	22.35 -0.88 0.00	28.49 -1.18 0.00	33.79 -1.38 0.00	35.12 -1.44 0.00	35.35 -1.42 0.00	35.98 -1.44 0.00	43.54 -1.82 0.00	23.45 -0.95 0.00	28.00 -1.15 0.00	23.90 -0.94 0.00
SITHE_IND_GS2 24170	14.85 -0.52 0.00	8.04 -0.27 0.00	14.47 -0.50 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.38 -0.84 0.00	21.42 -0.76 0.00	20.48 -0.74 0.00	28.35 -1.15 0.00	28.75 -1.17 0.00	25.54 -1.05 0.00	22.79 -0.91 0.00	22.35 -0.88 0.00	28.49 -1.18 0.00	33.79 -1.38 0.00	35.12 -1.44 0.00	35.35 -1.42 0.00	35.98 -1.44 0.00	43.54 -1.82 0.00	23.45 -0.95 0.00	28.00 -1.15 0.00	23.90 -0.94 0.00
SITHE_IND_GS3 24171	14.85 -0.52 0.00	8.04 -0.27 0.00	14.47 -0.50 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.38 -0.84 0.00	21.42 -0.76 0.00	20.48 -0.74 0.00	28.35 -1.15 0.00	28.75 -1.17 0.00	25.54 -1.05 0.00	22.79 -0.91 0.00	22.35 -0.88 0.00	28.49 -1.18 0.00	33.79 -1.38 0.00	35.12 -1.44 0.00	35.35 -1.42 0.00	35.98 -1.44 0.00	43.54 -1.82 0.00	23.45 -0.95 0.00	28.00 -1.15 0.00	23.90 -0.94 0.00
SITHE_IND_GS4 24172	14.85 -0.52 0.00	8.04 -0.27 0.00	14.47 -0.50 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.38 -0.84 0.00	21.42 -0.76 0.00	20.48 -0.74 0.00	28.35 -1.15 0.00	28.75 -1.17 0.00	25.54 -1.05 0.00	22.79 -0.91 0.00	22.35 -0.88 0.00	28.49 -1.18 0.00	33.79 -1.38 0.00	35.12 -1.44 0.00	35.35 -1.42 0.00	35.98 -1.44 0.00	43.54 -1.82 0.00	23.45 -0.95 0.00	28.00 -1.15 0.00	23.90 -0.94 0.00

SITHE___BATAVIA 24024	13.43 -1.01 0.93	7.83 -0.48 0.00	13.99 -0.99 0.00	14.06 -1.01 0.00	15.22 -1.10 0.00	15.63 -1.13 0.00	21.46 -1.20 0.00	22.05 -1.18 0.00	19.47 -1.02 1.70	20.15 -1.07 0.00	28.19 -1.31 0.00	28.74 -1.19 0.00	25.32 -1.26 0.00	22.29 -1.41 0.00	21.98 -1.25 0.00	28.20 -1.47 0.00	33.52 -1.64 0.00	34.95 -1.61 0.00	35.35 -1.42 0.00	36.00 -1.43 0.00	43.15 -2.21 0.00	23.15 -1.24 0.00	28.23 -0.92 0.00	24.33 -0.50 0.00
SITHE___INDEPEND 23800	14.85 -0.52 0.00	8.04 -0.27 0.00	14.47 -0.50 0.00	14.56 -0.51 0.00	15.77 -0.55 0.00	16.19 -0.57 0.00	21.88 -0.78 0.00	22.38 -0.84 0.00	21.42 -0.76 0.00	20.48 -0.74 0.00	28.35 -1.15 0.00	28.75 -1.17 0.00	25.54 -1.05 0.00	22.79 -0.91 0.00	22.35 -0.88 0.00	28.49 -1.18 0.00	33.79 -1.37 0.00	35.12 -1.44 0.00	35.36 -1.42 0.00	35.98 -1.44 0.00	43.54 -1.82 0.00	23.45 -0.95 0.00	28.00 -1.15 0.00	23.89 -0.94 0.00
SITHE___MASSENA 23902	13.47 -0.03 1.87	7.62 -0.01 0.68	13.31 -0.02 1.64	12.75 -0.04 2.28	13.96 -0.03 2.34	14.63 0.04 2.17	20.24 0.09 2.51	20.72 0.04 2.54	19.40 -0.12 2.66	18.51 -0.09 2.63	26.48 0.05 3.07	27.05 0.04 2.91	23.93 0.05 2.71	21.18 0.01 2.53	21.36 -0.01 1.86	29.76 0.09 0.00	35.34 0.18 0.00	36.87 0.31 0.00	37.25 0.47 0.00	37.92 0.49 0.00	45.94 0.58 0.00	24.72 0.33 0.00	29.62 0.47 0.00	25.34 0.51 0.00
SITHE___OGDNSBRG 24021	35.85 0.84 -19.63	15.90 0.43 -7.15	32.92 0.72 -17.22	39.61 0.65 -23.89	41.59 0.75 -24.52	40.47 0.99 -22.72	50.71 1.76 -26.29	51.96 2.07 -26.66	51.03 1.92 -26.93	50.42 1.64 -27.56	64.02 2.33 -32.19	62.18 1.68 -30.58	56.17 1.20 -28.38	51.36 1.16 -26.50	43.71 0.93 -19.55	31.74 2.08 0.00	38.22 3.06 0.00	40.39 3.83 0.00	41.59 4.82 0.00	42.38 4.95 0.00	51.26 5.90 0.00	27.45 3.06 0.00	32.82 3.67 0.00	27.88 3.05 0.00
SITHE___STERLING 23777	16.71 0.22 -1.12	8.84 0.12 -0.41	16.16 0.20 -0.98	16.62 0.19 -1.36	17.95 0.23 -1.40	18.36 0.31 -1.29	24.65 0.49 -1.50	25.31 0.56 -1.52	24.35 0.63 -1.54	23.26 0.46 -1.57	31.94 0.61 -1.83	32.10 0.44 -1.74	28.74 0.54 -1.62	25.67 0.46 -1.51	24.84 0.49 -1.11	30.35 0.68 0.00	36.03 0.87 0.00	37.39 0.83 0.00	37.66 0.88 0.00	38.31 0.88 0.00	46.35 0.99 0.00	24.89 0.50 0.00	29.75 0.60 0.00	25.28 0.45 0.00
SLEIGHT__34_KV_TB1 80719	14.07 -0.72 0.59	7.95 -0.36 0.00	14.27 -0.70 0.00	14.36 -0.71 0.00	15.55 -0.77 0.00	15.99 -0.77 0.00	21.78 -0.88 0.00	22.38 -0.84 0.00	21.38 -0.80 0.00	20.40 -0.82 0.00	28.40 0.00 0.00	28.88 -1.10 0.00	25.60 -1.04 0.00	22.78 -0.92 0.00	22.34 -0.89 0.00	28.59 -1.08 0.00	33.95 -1.21 0.00	35.28 -1.27 0.00	35.59 -1.19 0.00	36.21 -1.22 0.00	43.62 -1.74 0.00	23.42 -0.97 0.00	28.18 -0.96 0.00	24.11 -0.73 0.00
SOUTH CAIRO___GT 23612	-24.97 0.91 41.25	8.78 0.47 0.00	15.85 0.88 0.00	16.01 0.94 0.00	17.31 0.98 0.00	17.78 1.02 0.00	24.12 1.46 0.00	24.83 1.60 0.00	23.79 1.61 0.00	22.67 1.44 0.00	30.82 1.31 0.00	31.09 1.17 0.00	27.57 0.98 0.00	24.71 1.02 0.00	24.11 0.88 0.00	30.80 1.13 0.00	36.74 1.58 0.00	38.69 2.13 0.00	39.14 2.36 0.00	39.78 2.35 0.00	48.28 2.92 0.00	25.88 1.49 0.00	30.77 1.62 0.00	26.11 1.27 0.00
SOUTH HAMPTN___IC 23720	19.42 1.31 -2.74	8.99 0.68 0.00	16.11 1.13 0.00	16.24 1.17 0.00	17.47 1.15 0.00	17.79 1.03 0.00	24.01 1.35 0.00	24.59 1.37 0.00	23.97 1.79 0.00	23.30 2.08 0.00	32.44 2.94 0.00	32.96 3.04 0.00	29.23 2.64 0.00	25.64 1.94 0.00	25.09 1.86 0.00	32.02 2.36 0.00	37.30 2.14 0.00	38.19 1.63 0.00	38.17 1.40 0.00	38.65 1.22 0.00	47.17 1.81 0.00	25.92 1.53 0.00	30.93 1.78 0.00	26.06 1.22 0.00
SOUTHDOW_115KV_TB1 355954	12.88 -1.08 1.41	7.79 -0.52 0.00	13.95 -1.03 0.00	14.07 -0.99 0.00	15.21 -1.12 0.00	15.56 -1.20 0.00	21.30 -1.36 0.00	21.96 -1.26 0.00	19.38 -1.04 1.76	20.09 -1.13 0.00	28.18 -1.33 0.00	28.87 -1.06 0.00	25.61 -0.98 0.00	22.76 -0.94 0.00	22.29 -0.94 0.00	28.73 -0.94 0.00	34.18 -0.98 0.00	35.49 -1.07 0.00	35.82 -0.95 0.00	36.75 -0.68 0.00	44.20 -1.16 0.00	23.65 -0.74 0.00	28.91 -0.24 0.00	24.75 -0.08 0.00
SOUTHOLD_69_KV_BK 2 55809	19.22 1.11 -2.74	8.88 0.57 0.00	15.91 0.94 0.00	16.04 0.98 0.00	17.26 0.94 0.00	17.58 0.82 0.00	23.75 1.09 0.00	24.34 1.12 0.00	23.73 1.55 0.00	23.08 1.86 0.00	32.13 2.62 0.00	32.64 2.72 0.00	28.93 2.35 0.00	25.38 1.68 0.00	24.81 1.58 0.00	31.69 2.02 0.00	36.95 1.79 0.00	37.87 1.32 0.00	37.89 1.12 0.00	38.41 0.98 0.00	47.03 1.67 0.00	25.80 1.41 0.00	30.67 1.53 0.00	25.82 0.98 0.00
SOUTHOLD___IC 23719	19.22 1.11 -2.74	8.88 0.57 0.00	15.91 0.94 0.00	16.04 0.98 0.00	17.26 0.94 0.00	17.58 0.83 0.00	23.75 1.09 0.00	24.34 1.12 0.00	23.74 1.56 0.00	23.09 1.86 0.00	32.14 2.64 0.00	32.65 2.73 0.00	28.95 2.36 0.00	25.38 1.68 0.00	24.82 1.59 0.00	31.69 2.02 0.00	36.95 1.79 0.00	37.88 1.32 0.00	37.90 1.12 0.00	38.41 0.98 0.00	47.02 1.66 0.00	25.80 1.41 0.00	30.68 1.53 0.00	25.82 0.98 0.00
SOUTH_FORK_WT_PWR 323839	18.98 0.86 -2.74	8.75 0.43 0.00	15.67 0.70 0.00	15.80 0.73 0.00	17.00 0.68 0.00	17.31 0.56 0.00	23.38 0.72 0.00	23.97 0.74 0.00	23.38 1.20 0.00	22.74 1.51 0.00	31.66 2.16 0.00	32.17 2.24 0.00	28.51 1.93 0.00	24.99 1.29 0.00	24.43 1.20 0.00	31.21 1.54 0.00	36.39 1.23 0.00	37.28 0.72 0.00	37.30 0.52 0.00	37.83 0.40 0.00	46.46 1.10 0.00	25.49 1.09 0.00	30.25 1.10 0.00	25.45 0.61 0.00
SPIERFLS_115KV_TB 1 80737	39.76 0.79 -23.60	8.69 0.38 0.00	15.71 0.74 0.00	15.81 0.75 0.00	17.15 0.83 0.00	17.62 0.86 0.00	23.89 1.22 0.00	24.56 1.34 0.00	23.53 1.35 0.00	22.42 1.20 0.00	30.79 1.29 0.00	31.31 1.39 0.00	27.64 1.05 0.00	24.68 0.98 0.00	24.07 0.84 0.00	30.79 1.13 0.00	36.72 1.56 0.00	38.22 1.66 0.00	38.42 1.65 0.00	38.99 1.56 0.00	47.31 1.95 0.00	25.41 1.01 0.00	30.32 1.17 0.00	25.67 0.84 0.00
ST LAWRENCE____ 23600	13.33 -0.17 1.87	7.55 -0.09 0.68	13.17 -0.16 1.64	12.60 -0.18 2.28	13.80 -0.18 2.34	14.46 -0.13 2.17	20.01 -0.14 2.51	20.50 -0.19 2.54	19.19 -0.34 2.66	18.30 -0.30 2.63	26.19 -0.24 3.07	26.77 -0.24 2.91	23.68 -0.20 2.71	20.95 -0.22 2.53	21.13 -0.23 1.86	29.48 -0.18 0.00	35.01 -0.14 0.00	36.54 -0.02 0.00	36.91 0.13 0.00	37.58 0.15 0.00	45.52 0.16 0.00	24.50 0.11 0.00	29.34 0.20 0.00	25.11 0.27 0.00
STATE_CA_115KV_115_LB 55624	28.38 0.60 -12.40	8.62 0.30 0.00	15.54 0.57 0.00	15.69 0.62 0.00	16.96 0.64 0.00	17.38 0.63 0.00	23.50 0.84 0.00	24.12 0.90 0.00	23.13 0.95 0.00	22.11 0.89 0.00	30.57 1.07 0.00	30.98 1.06 0.00	27.54 0.96 0.00	24.58 0.88 0.00	24.12 0.89 0.00	30.70 1.04 0.00	36.32 1.16 0.00	37.77 1.21 0.00	37.86 1.08 0.00	38.51 1.08 0.00	46.79 1.43 0.00	25.12 0.73 0.00	29.92 0.77 0.00	25.42 0.59 0.00

STATE_ST_34_KV_LOAD 55959	14.75 -0.26 0.36	8.18 -0.13 0.00	14.72 -0.26 0.00	14.82 -0.25 0.00	16.05 -0.27 0.00	16.49 -0.26 0.00	22.37 -0.29 0.00	23.01 -0.22 0.00	21.96 -0.22 0.00	20.92 -0.31 0.00	29.05 -0.45 0.00	29.60 -0.32 0.00	26.28 -0.31 0.00	23.45 -0.24 0.00	23.02 -0.21 0.00	29.43 -0.24 0.00	34.91 -0.25 0.00	36.16 -0.40 0.00	36.40 -0.37 0.00	37.07 -0.36 0.00	44.82 -0.55 0.00	24.07 -0.32 0.00	28.81 -0.34 0.00	24.53 -0.30 0.00
STATION 5_MISC_HYD 23604	13.77 -0.87 0.73	7.89 -0.43 0.00	14.13 -0.84 0.00	14.21 -0.85 0.00	15.38 -0.94 0.00	15.80 -0.95 0.00	21.56 -1.10 0.00	22.12 -1.10 0.00	21.18 -1.00 0.00	20.23 -1.00 0.00	28.21 -1.29 0.00	28.70 -1.23 0.00	25.42 -1.16 0.00	22.55 -1.15 0.00	22.12 -1.11 0.00	28.30 -1.37 0.00	33.60 -1.56 0.00	34.97 -1.58 0.00	35.32 -1.45 0.00	35.96 -1.47 0.00	43.27 -2.10 0.00	23.23 -1.16 0.00	28.10 -1.05 0.00	24.11 -0.72 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.21 -0.48 0.67	8.08 -0.24 0.00	14.50 -0.47 0.00	14.59 -0.47 0.00	15.81 -0.51 0.00	16.26 -0.49 0.00	22.15 -0.51 0.00	22.76 -0.46 0.00	21.76 -0.42 0.00	20.76 -0.46 0.00	28.88 -0.62 0.00	29.37 -0.55 0.00	26.03 -0.55 0.00	23.19 -0.51 0.00	22.71 -0.52 0.00	29.02 -0.65 0.00	34.21 -0.95 0.00	35.57 -0.98 0.00	35.92 -0.86 0.00	36.60 -0.83 0.00	44.06 -1.30 0.00	23.66 -0.73 0.00	28.48 -0.67 0.00	24.36 -0.47 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.74 -0.91 0.73	7.86 -0.45 0.00	14.10 -0.87 0.00	14.18 -0.88 0.00	15.35 -0.98 0.00	15.76 -0.99 0.00	21.50 -1.17 0.00	22.06 -1.17 0.00	21.10 -1.08 0.00	20.16 -1.07 0.00	28.09 -1.41 0.00	28.58 -1.34 0.00	25.33 -1.26 0.00	22.48 -1.21 0.00	22.05 -1.18 0.00	28.21 -1.45 0.00	33.52 -1.64 0.00	34.89 -1.67 0.00	35.24 -1.54 0.00	35.87 -1.56 0.00	43.15 -2.21 0.00	23.17 -1.22 0.00	27.99 -1.15 0.00	24.01 -0.82 0.00
STA_56___34_KV_BUS2 355983	13.74 -0.91 0.73	7.86 -0.45 0.00	14.10 -0.87 0.00	14.18 -0.88 0.00	15.35 -0.98 0.00	15.76 -0.99 0.00	21.50 -1.17 0.00	22.06 -1.17 0.00	21.10 -1.08 0.00	20.16 -1.07 0.00	28.09 -1.41 0.00	28.58 -1.34 0.00	25.33 -1.26 0.00	22.48 -1.21 0.00	22.05 -1.18 0.00	28.21 -1.45 0.00	33.52 -1.64 0.00	34.89 -1.67 0.00	35.24 -1.54 0.00	35.87 -1.56 0.00	43.15 -2.21 0.00	23.17 -1.22 0.00	27.99 -1.15 0.00	24.01 -0.82 0.00
STA_67___115KV_BK2 355882	13.74 -0.90 0.73	7.87 -0.44 0.00	14.11 -0.86 0.00	14.19 -0.88 0.00	15.36 -0.96 0.00	15.77 -0.98 0.00	21.52 -1.14 0.00	22.08 -1.15 0.00	21.13 -1.06 0.00	20.18 -1.05 0.00	28.13 -1.37 0.00	28.62 -1.30 0.00	25.36 -1.23 0.00	22.50 -1.20 0.00	22.07 -1.16 0.00	28.24 -1.43 0.00	33.53 -1.63 0.00	34.90 -1.66 0.00	35.24 -1.53 0.00	35.89 -1.54 0.00	43.17 -2.19 0.00	23.18 -1.21 0.00	28.04 -1.10 0.00	24.07 -0.76 0.00
STA_7___115KV_9TRANS 80674	13.83 -0.81 0.73	7.92 -0.39 0.00	14.19 -0.78 0.00	14.27 -0.79 0.00	15.45 -0.88 0.00	15.87 -0.89 0.00	21.66 -1.00 0.00	22.22 -1.00 0.00	21.27 -0.91 0.00	20.32 -0.91 0.00	28.33 -1.17 0.00	28.83 -1.10 0.00	25.53 -1.05 0.00	22.65 -1.04 0.00	22.23 -1.00 0.00	28.43 -1.24 0.00	33.77 -1.39 0.00	35.15 -1.40 0.00	35.51 -1.27 0.00	36.15 -1.27 0.00	43.48 -1.88 0.00	23.35 -1.05 0.00	28.23 -0.92 0.00	24.21 -0.62 0.00
STA_82___115KV_TB1 80780	13.74 -0.89 0.74	7.87 -0.44 0.00	14.12 -0.86 0.00	14.19 -0.87 0.00	15.36 -0.96 0.00	15.77 -0.98 0.00	21.52 -1.14 0.00	22.09 -1.14 0.00	21.13 -1.05 0.00	20.18 -1.04 0.00	28.14 -1.36 0.00	28.63 -1.29 0.00	25.37 -1.21 0.00	22.51 -1.19 0.00	22.08 -1.15 0.00	28.24 -1.42 0.00	33.54 -1.62 0.00	34.91 -1.65 0.00	35.26 -1.52 0.00	35.91 -1.52 0.00	43.18 -2.18 0.00	23.19 -1.20 0.00	28.05 -1.10 0.00	24.08 -0.75 0.00
STEEL___WIND 323596	12.81 -1.35 1.21	7.66 -0.66 0.00	13.68 -1.30 0.00	13.76 -1.31 0.00	14.89 -1.43 0.00	15.26 -1.49 0.00	20.92 -1.74 0.00	21.44 -1.78 0.00	17.26 -1.58 3.34	19.59 -1.63 0.00	27.49 -2.01 0.00	28.02 -1.90 0.00	24.81 -1.78 0.00	21.98 -1.71 0.00	21.52 -1.71 0.00	27.66 -2.00 0.00	32.84 -2.32 0.00	34.18 -2.38 0.00	34.55 -2.22 0.00	35.32 -2.11 0.00	42.33 -3.03 0.00	22.71 -1.68 0.00	27.80 -1.35 0.00	24.02 -0.81 0.00
STEPHTWN_115KV_BK_2 55603	-63.92 0.64 79.94	8.63 0.32 0.00	15.57 0.60 0.00	15.71 0.65 0.00	16.99 0.67 0.00	17.44 0.68 0.00	23.58 0.91 0.00	24.27 1.04 0.00	23.23 1.05 0.00	22.18 0.96 0.00	30.71 1.21 0.00	31.05 1.12 0.00	27.53 0.95 0.00	24.64 0.94 0.00	24.16 0.93 0.00	30.79 1.12 0.00	36.46 1.30 0.00	38.07 1.51 0.00	38.06 1.29 0.00	38.75 1.32 0.00	47.06 1.69 0.00	25.18 0.79 0.00	30.06 0.91 0.00	25.43 0.60 0.00
STEUBEN_REC_LFGE 323667	10.18 -1.50 3.70	7.50 -0.81 0.00	13.40 -1.58 0.00	13.49 -1.57 0.00	14.74 -1.58 0.00	15.11 -1.65 0.00	20.65 -2.01 0.00	21.29 -1.94 -0.01	27.67 -1.78 -7.27	19.29 -1.93 0.00	26.80 -2.71 0.00	27.28 -2.64 0.00	24.35 -2.24 0.00	21.88 -1.81 0.00	21.49 -1.74 0.00	27.66 -2.01 0.00	32.83 -2.34 0.00	34.12 -2.44 0.00	34.89 -1.88 0.00	35.75 -1.68 0.00	42.92 -2.44 0.00	22.90 -1.49 0.00	27.60 -1.55 0.00	23.73 -1.10 0.00
STILLWATER___SOLAR 323814	43.73 0.85 -27.50	8.74 0.43 0.00	15.77 0.79 0.00	15.87 0.80 0.00	17.20 0.88 0.00	17.67 0.92 0.00	23.94 1.27 0.00	24.59 1.37 0.00	23.56 1.38 0.00	22.45 1.23 0.00	30.89 1.39 0.00	31.40 1.48 0.00	27.78 1.20 0.00	24.81 1.11 0.00	24.26 1.03 0.00	31.01 1.34 0.00	36.88 1.73 0.00	38.39 1.83 0.00	38.53 1.76 0.00	39.17 1.74 0.00	47.57 2.21 0.00	25.55 1.15 0.00	30.46 1.31 0.00	25.82 0.99 0.00
STONY___BROOK 24151	19.46 1.35 -2.74	9.02 0.70 0.00	16.16 1.18 0.00	16.29 1.22 0.00	17.51 1.19 0.00	17.82 1.06 0.00	24.04 1.38 0.00	24.64 1.41 0.00	23.98 1.80 0.00	23.33 2.10 0.00	32.49 2.98 0.00	33.00 3.07 0.00	29.29 2.71 0.00	25.74 2.04 0.00	25.22 1.99 0.00	32.18 2.52 0.00	37.58 2.42 0.00	38.56 2.00 0.00	38.55 1.78 0.00	39.03 1.60 0.00	47.50 2.14 0.00	25.88 1.49 0.00	30.99 1.84 0.00	26.15 1.31 0.00
STURGEON_POOL_HYD 23609	6.81 0.77 9.33	8.71 0.39 0.00	15.67 0.70 0.00	15.75 0.69 0.00	17.07 0.75 0.00	17.47 0.71 0.00	23.57 0.91 0.00	24.27 1.04 0.00	23.31 1.13 0.00	22.42 1.19 0.00	31.17 1.66 0.00	31.51 1.59 0.00	27.99 1.40 0.00	24.94 1.25 0.00	24.46 1.23 0.00	31.22 1.55 0.00	36.85 1.69 0.00	38.19 1.63 0.00	38.17 1.40 0.00	38.80 1.37 0.00	47.03 1.67 0.00	25.23 0.84 0.00	30.08 0.94 0.00	25.47 0.63 0.00
ST_LAW_115_BK7_LBMP 345037	13.34 -0.17 1.87	7.55 -0.08 0.68	13.17 -0.16 1.64	12.61 -0.17 2.28	13.81 -0.18 2.34	14.46 -0.13 2.17	20.02 -0.14 2.51	20.50 -0.19 2.54	19.19 -0.33 2.66	18.31 -0.29 2.63	26.20 -0.23 3.07	26.77 -0.24 2.91	23.68 -0.20 2.71	20.95 -0.22 2.53	21.14 -0.23 1.86	29.49 -0.18 0.00	35.01 -0.14 0.00	36.54 -0.02 0.00	36.91 0.13 0.00	37.58 0.15 0.00	45.52 0.16 0.00	24.50 0.11 0.00	29.35 0.20 0.00	25.11 0.27 0.00

ST_LAW_115_BK8_LBMP 345038	13.34 -0.17 1.87	7.55 -0.08 0.68	13.17 -0.16 1.64	12.61 -0.17 2.28	13.81 -0.18 2.34	14.46 -0.13 2.17	20.02 -0.14 2.51	20.50 -0.19 2.54	19.19 -0.33 2.66	18.31 -0.29 2.63	26.20 -0.23 3.07	26.77 -0.24 2.91	23.68 -0.20 2.71	20.95 -0.22 2.53	21.14 -0.23 1.86	29.49 -0.18 0.00	35.01 -0.14 0.00	36.54 -0.02 0.00	36.91 0.13 0.00	37.58 0.15 0.00	45.52 0.16 0.00	24.50 0.11 0.00	29.35 0.20 0.00	25.11 0.27 0.00
ST_LAW_230_BK5_LBMP 345035	13.33 -0.17 1.87	7.55 -0.09 0.68	13.17 -0.16 1.64	12.60 -0.18 2.28	13.80 -0.18 2.34	14.46 -0.13 2.17	20.01 -0.14 2.51	20.50 -0.19 2.54	19.19 -0.34 2.66	18.30 -0.30 2.63	26.19 -0.24 3.07	26.77 -0.24 2.91	23.68 -0.20 2.71	20.95 -0.22 2.53	21.13 -0.23 1.86	29.48 -0.18 0.00	35.01 -0.14 0.00	36.54 -0.02 0.00	36.91 0.13 0.00	37.58 0.15 0.00	45.52 0.16 0.00	24.50 0.11 0.00	29.34 0.20 0.00	25.11 0.27 0.00
ST_LAW_230_BK6_LBMP 345036	13.33 -0.17 1.87	7.55 -0.09 0.68	13.17 -0.16 1.64	12.60 -0.18 2.28	13.80 -0.18 2.34	14.46 -0.13 2.17	20.01 -0.14 2.51	20.50 -0.19 2.54	19.19 -0.34 2.66	18.30 -0.30 2.63	26.19 -0.24 3.07	26.77 -0.24 2.91	23.68 -0.20 2.71	20.95 -0.22 2.53	21.13 -0.23 1.86	29.48 -0.18 0.00	35.01 -0.14 0.00	36.54 -0.02 0.00	36.91 0.13 0.00	37.58 0.15 0.00	45.52 0.16 0.00	24.50 0.11 0.00	29.34 0.20 0.00	25.11 0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.74 0.97 -2.39	8.81 0.50 0.00	15.84 0.86 0.00	15.92 0.85 0.00	17.25 0.93 0.00	17.66 0.90 0.00	23.89 1.23 0.00	24.58 1.36 0.00	23.61 1.43 0.00	22.68 1.46 0.00	31.50 1.99 0.00	31.89 1.97 0.00	28.33 1.74 0.00	25.25 1.56 0.00	24.74 1.51 0.00	31.57 1.90 0.00	37.26 2.09 0.00	38.66 2.10 0.00	38.61 1.84 0.00	39.26 1.83 0.00	47.59 2.23 0.00	25.50 1.11 0.00	30.42 1.27 0.00	25.76 0.93 0.00
SWANROAD_115KV_TB1 355699	12.55 -1.77 1.06	7.43 -0.88 0.00	13.26 -1.71 0.00	13.34 -1.73 0.00	14.42 -1.90 0.00	14.77 -1.98 0.00	20.28 -2.38 0.00	20.75 -2.47 0.00	17.37 -2.24 2.56	18.90 -2.33 0.00	26.47 -3.03 0.00	27.00 -2.92 0.00	23.90 -2.68 0.00	21.13 -2.57 0.00	20.71 -2.52 0.00	26.57 -3.10 0.00	31.52 -3.64 0.00	32.86 -3.70 0.00	33.24 -3.53 0.00	33.89 -3.54 0.00	40.54 -4.82 0.00	21.81 -2.58 0.00	26.83 -2.31 0.00	23.29 -1.54 0.00
SYNERGY___BIOGAS 323694	13.43 -1.01 0.93	7.83 -0.48 0.00	13.99 -0.99 0.00	14.06 -1.01 0.00	15.22 -1.10 0.00	15.63 -1.13 0.00	21.46 -1.20 0.00	22.05 -1.18 0.00	19.47 -1.02 1.70	20.15 -1.07 0.00	28.19 -1.31 0.00	28.74 -1.19 0.00	25.32 -1.26 0.00	22.29 -1.41 0.00	21.98 -1.25 0.00	28.20 -1.47 0.00	33.52 -1.64 0.00	34.95 -1.61 0.00	35.35 -1.42 0.00	36.00 -1.43 0.00	43.15 -2.21 0.00	23.15 -1.24 0.00	28.23 -0.92 0.00	24.33 -0.50 0.00
SYRACUSE___ENERGY_ST1 323597	15.15 -0.23 0.00	8.20 -0.11 0.00	14.75 -0.22 0.00	14.84 -0.22 0.00	16.08 -0.24 0.00	16.52 -0.23 0.00	22.38 -0.29 0.00	22.94 -0.28 0.00	21.95 -0.23 0.00	20.96 -0.26 0.00	29.05 -0.45 0.00	29.50 -0.42 0.00	26.18 -0.41 0.00	23.35 -0.35 0.00	22.91 -0.32 0.00	29.26 -0.41 0.00	34.69 -0.46 0.00	36.04 -0.52 0.00	36.27 -0.50 0.00	36.90 -0.53 0.00	44.64 -0.72 0.00	23.99 -0.40 0.00	28.68 -0.47 0.00	24.43 -0.40 0.00
SYRACUSE___ENERGY_ST2 323598	15.15 -0.23 0.00	8.20 -0.11 0.00	14.75 -0.22 0.00	14.84 -0.22 0.00	16.08 -0.24 0.00	16.52 -0.23 0.00	22.38 -0.29 0.00	22.94 -0.28 0.00	21.95 -0.23 0.00	20.96 -0.26 0.00	29.05 -0.45 0.00	29.50 -0.42 0.00	26.18 -0.41 0.00	23.35 -0.35 0.00	22.91 -0.32 0.00	29.26 -0.41 0.00	34.69 -0.46 0.00	36.04 -0.52 0.00	36.27 -0.50 0.00	36.90 -0.53 0.00	44.64 -0.72 0.00	23.99 -0.40 0.00	28.68 -0.47 0.00	24.43 -0.40 0.00
SYRACUSE___POWER 24017	15.39 -0.22 -0.24	8.20 -0.11 0.00	14.76 -0.21 0.00	14.85 -0.21 0.00	16.09 -0.23 0.00	16.53 -0.22 0.00	22.40 -0.26 0.00	22.96 -0.26 0.00	21.99 -0.19 0.00	20.99 -0.23 0.00	29.08 -0.42 0.00	29.50 -0.42 0.00	26.20 -0.39 0.00	23.37 -0.33 0.00	22.92 -0.31 0.00	29.27 -0.40 0.00	34.72 -0.43 0.00	36.07 -0.48 0.00	36.31 -0.46 0.00	36.94 -0.49 0.00	44.67 -0.69 0.00	24.00 -0.39 0.00	28.70 -0.45 0.00	24.45 -0.38 0.00
TALLMAN___138KV_BK151 55660	18.89 1.00 -2.53	8.82 0.51 0.00	15.85 0.87 0.00	15.92 0.86 0.00	17.26 0.94 0.00	17.66 0.91 0.00	23.88 1.22 0.00	24.57 1.35 0.00	23.60 1.42 0.00	22.69 1.46 0.00	31.54 2.03 0.00	32.00 2.08 0.00	28.44 1.85 0.00	25.35 1.65 0.00	24.81 1.58 0.00	31.64 1.97 0.00	37.30 2.14 0.00	38.65 2.09 0.00	38.56 1.78 0.00	39.21 1.79 0.00	47.54 2.18 0.00	25.47 1.08 0.00	30.39 1.25 0.00	25.73 0.90 0.00
TEALLAVE_115KV_TB7 355573	15.09 -0.28 0.00	8.17 -0.15 0.00	14.69 -0.28 0.00	14.78 -0.28 0.00	16.01 -0.31 0.00	16.45 -0.31 0.00	22.27 -0.39 0.00	22.83 -0.40 0.00	21.85 -0.33 0.00	20.88 -0.35 0.00	28.92 -0.58 0.00	29.35 -0.57 0.00	26.06 -0.52 0.00	23.24 -0.46 0.00	22.80 -0.43 0.00	29.09 -0.58 0.00	34.50 -0.66 0.00	35.84 -0.71 0.00	36.07 -0.70 0.00	36.71 -0.71 0.00	44.40 -0.96 0.00	23.88 -0.52 0.00	28.53 -0.61 0.00	24.32 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	13.03 -1.35 0.99	7.65 -0.66 0.00	13.66 -1.32 0.00	13.73 -1.33 0.00	14.85 -1.47 0.00	15.24 -1.51 0.00	20.92 -1.74 0.00	21.45 -1.77 0.00	18.48 -1.59 2.11	19.57 -1.66 0.00	27.39 -2.11 0.00	27.92 -2.00 0.00	24.69 -1.90 0.00	21.82 -1.88 0.00	21.42 -1.81 0.00	27.49 -2.18 0.00	32.62 -2.54 0.00	34.00 -2.56 0.00	34.40 -2.37 0.00	35.04 -2.39 0.00	41.98 -3.38 0.00	22.55 -1.85 0.00	27.61 -1.53 0.00	23.87 -0.96 0.00
TEMPLE___115KV_TB 2 55572	15.10 -0.28 0.00	8.17 -0.14 0.00	14.70 -0.27 0.00	14.79 -0.27 0.00	16.02 -0.30 0.00	16.45 -0.30 0.00	22.28 -0.38 0.00	22.83 -0.40 0.00	21.87 -0.31 0.00	20.88 -0.34 0.00	28.93 -0.57 0.00	29.35 -0.57 0.00	26.07 -0.51 0.00	23.25 -0.45 0.00	22.80 -0.43 0.00	29.11 -0.56 0.00	34.51 -0.65 0.00	35.86 -0.70 0.00	36.08 -0.70 0.00	36.71 -0.71 0.00	44.41 -0.95 0.00	23.88 -0.51 0.00	28.55 -0.60 0.00	24.33 -0.50 0.00
TIANA____69_KV_BK 1 55817	19.46 1.35 -2.74	9.02 0.71 0.00	16.15 1.18 0.00	16.28 1.22 0.00	17.51 1.19 0.00	17.83 1.08 0.00	24.07 1.41 0.00	24.65 1.42 0.00	24.02 1.85 0.00	23.36 2.13 0.00	32.50 3.00 0.00	33.02 3.10 0.00	29.28 2.70 0.00	25.69 2.00 0.00	25.14 1.91 0.00	32.10 2.43 0.00	37.39 2.23 0.00	38.28 1.73 0.00	38.27 1.49 0.00	38.75 1.32 0.00	47.23 1.87 0.00	25.96 1.57 0.00	30.99 1.84 0.00	26.11 1.28 0.00
TILDEN___115KV_TB1 80814	15.39 -0.22 -0.24	8.20 -0.11 0.00	14.76 -0.21 0.00	14.85 -0.21 0.00	16.09 -0.23 0.00	16.53 -0.22 0.00	22.40 -0.26 0.00	22.96 -0.26 0.00	21.99 -0.19 0.00	20.99 -0.23 0.00	29.08 -0.42 0.00	29.50 -0.42 0.00	26.20 -0.39 0.00	23.37 -0.33 0.00	22.92 -0.31 0.00	29.27 -0.40 0.00	34.72 -0.43 0.00	36.07 -0.48 0.00	36.31 -0.46 0.00	36.94 -0.49 0.00	44.67 -0.69 0.00	24.00 -0.39 0.00	28.70 -0.45 0.00	24.45 -0.38 0.00

TRIGEN___CC 323695	19.26 1.15 -2.74	8.91 0.60 0.00	15.97 0.99 0.00	16.09 1.02 0.00	17.36 1.04 0.00	17.74 0.99 0.00	23.93 1.27 0.00	24.60 1.38 0.00	23.79 1.61 0.00	23.00 1.77 0.00	32.06 2.56 0.00	32.52 2.59 0.00	28.89 2.31 0.00	25.59 1.89 0.00	25.06 1.83 0.00	31.96 2.29 0.00	37.44 2.28 0.00	38.62 2.06 0.00	38.52 1.75 0.00	39.04 1.62 0.00	47.45 2.09 0.00	25.63 1.24 0.00	30.64 1.49 0.00	25.89 1.06 0.00
TRINITY___115KV___4 BK 55933	3.19 0.56 12.74	8.60 0.28 0.00	15.50 0.53 0.00	15.65 0.58 0.00	16.92 0.60 0.00	17.34 0.58 0.00	23.43 0.77 0.00	24.05 0.83 0.00	23.05 0.87 0.00	22.04 0.82 0.00	30.48 0.98 0.00	30.87 0.95 0.00	27.45 0.86 0.00	24.51 0.81 0.00	24.04 0.80 0.00	30.59 0.92 0.00	36.16 1.00 0.00	37.62 1.06 0.00	37.70 0.93 0.00	38.35 0.92 0.00	46.62 1.26 0.00	25.03 0.64 0.00	29.82 0.67 0.00	25.34 0.51 0.00
UNION___PROCESSING_DRP 323587	13.74 -0.89 0.74	7.87 -0.44 0.00	14.12 -0.85 0.00	14.19 -0.87 0.00	15.36 -0.96 0.00	15.77 -0.98 0.00	21.53 -1.13 0.00	22.09 -1.13 0.00	21.14 -1.04 0.00	20.19 -1.03 0.00	28.15 -1.35 0.00	28.64 -1.28 0.00	25.37 -1.21 0.00	22.52 -1.18 0.00	22.09 -1.14 0.00	28.25 -1.41 0.00	33.55 -1.61 0.00	34.91 -1.64 0.00	35.28 -1.50 0.00	35.92 -1.51 0.00	43.20 -2.17 0.00	23.20 -1.19 0.00	28.06 -1.09 0.00	24.09 -0.75 0.00
UPPER HUDSON___HYD 24058	39.76 0.79 -23.60	8.69 0.38 0.00	15.71 0.74 0.00	15.81 0.75 0.00	17.15 0.83 0.00	17.62 0.87 0.00	23.89 1.22 0.00	24.56 1.34 0.00	23.53 1.35 0.00	22.42 1.20 0.00	30.80 1.30 0.00	31.32 1.40 0.00	27.64 1.06 0.00	24.68 0.98 0.00	24.07 0.84 0.00	30.79 1.13 0.00	36.72 1.56 0.00	38.22 1.66 0.00	38.42 1.65 0.00	38.98 1.56 0.00	47.31 1.95 0.00	25.41 1.02 0.00	30.32 1.18 0.00	25.67 0.84 0.00
UPPER RAQUET___HYD 24056	35.28 0.28 -19.63	15.60 0.13 -7.15	32.38 0.19 -17.22	39.07 0.11 -23.89	41.00 0.15 -24.52	39.81 0.33 -22.72	49.68 0.73 -26.29	50.85 0.97 -26.66	50.08 0.97 -26.93	49.50 0.72 -27.56	62.75 1.07 -32.19	61.09 0.59 -30.58	55.36 0.39 -28.38	50.57 0.37 -26.50	43.07 0.29 -19.55	30.68 1.02 0.00	36.84 1.68 0.00	38.80 2.25 0.00	39.90 3.13 0.00	40.70 3.27 0.00	49.32 3.96 0.00	26.47 2.08 0.00	31.71 2.56 0.00	26.98 2.14 0.00
VALLEY44_115KV_TB2 355964	12.98 -0.96 1.44	7.86 -0.45 0.00	14.08 -0.90 0.00	14.19 -0.87 0.00	15.39 -0.93 0.00	15.80 -0.96 0.00	21.58 -1.09 0.00	22.11 -1.11 0.00	19.96 -0.85 1.37	20.20 -1.02 0.00	28.26 -1.24 0.00	28.85 -1.07 0.00	25.59 -1.00 0.00	22.80 -0.89 0.00	22.25 -0.97 0.00	28.64 -1.03 0.00	33.83 -1.33 0.00	34.99 -1.57 0.00	35.33 -1.44 0.00	36.33 -1.10 0.00	43.87 -1.49 0.00	23.56 -0.83 0.00	28.84 -0.31 0.00	24.69 -0.14 0.00
VALLEY___115KV_TB 1-4 80826	15.52 0.14 0.00	8.36 0.05 0.00	15.12 0.14 0.00	15.25 0.18 0.00	16.49 0.16 0.00	16.89 0.13 0.00	22.81 0.15 0.00	23.47 0.25 0.00	22.61 0.43 0.00	21.44 0.22 0.00	29.23 -0.28 0.00	29.85 -0.07 0.00	26.35 -0.24 0.00	23.62 -0.08 0.00	23.11 -0.12 0.00	29.59 -0.08 0.00	35.28 0.11 0.00	36.67 0.11 0.00	36.86 0.09 0.00	37.48 0.05 0.00	45.63 0.27 0.00	24.55 0.16 0.00	29.19 0.04 0.00	24.58 -0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.79 0.42 0.00	8.55 0.23 0.00	15.41 0.43 0.00	15.51 0.44 0.00	16.81 0.49 0.00	17.23 0.48 0.00	23.33 0.67 0.00	23.94 0.72 0.00	22.91 0.73 0.00	21.95 0.72 0.00	30.42 0.92 0.00	30.84 0.92 0.00	27.37 0.78 0.00	24.41 0.71 0.00	23.92 0.69 0.00	30.58 0.91 0.00	36.27 1.11 0.00	37.68 1.13 0.00	37.93 1.16 0.00	38.63 1.20 0.00	46.80 1.44 0.00	25.12 0.72 0.00	30.01 0.86 0.00	25.49 0.65 0.00
VISCHER___FERRY HYD 24020	56.47 0.75 -40.35	8.69 0.38 0.00	15.66 0.69 0.00	15.77 0.70 0.00	17.08 0.76 0.00	17.55 0.80 0.00	23.74 1.08 0.00	24.37 1.15 0.00	23.36 1.18 0.00	22.32 1.10 0.00	30.82 1.32 0.00	31.24 1.31 0.00	27.71 1.12 0.00	24.73 1.04 0.00	24.23 1.00 0.00	30.89 1.23 0.00	36.56 1.40 0.00	38.05 1.50 0.00	38.13 1.35 0.00	38.80 1.36 0.00	47.21 1.85 0.00	25.36 0.97 0.00	30.19 1.04 0.00	25.63 0.79 0.00
V_A_10_SYNC_DSASP 323832	13.10 -1.40 0.87	7.62 -0.69 0.00	13.64 -1.33 0.00	13.72 -1.35 0.00	14.85 -1.47 0.00	15.23 -1.52 0.00	20.84 -1.83 0.00	21.35 -1.88 0.00	18.81 -1.74 1.62	19.48 -1.74 0.00	27.25 -2.26 0.00	27.76 -2.16 0.00	24.60 -1.99 0.00	21.79 -1.91 0.00	21.34 -1.89 0.00	27.35 -2.32 0.00	32.43 -2.73 0.00	33.76 -2.80 0.00	34.13 -2.65 0.00	34.81 -2.62 0.00	41.80 -3.57 0.00	22.47 -1.93 0.00	27.41 -1.74 0.00	23.65 -1.18 0.00
V_CMM_10_SYNC_DSASP 323787	13.41 -0.09 1.87	7.59 -0.04 0.68	13.25 -0.08 1.64	12.69 -0.10 2.28	13.89 -0.10 2.34	14.56 -0.03 2.17	20.14 -0.01 2.51	20.62 -0.06 2.54	19.30 -0.22 2.66	18.42 -0.18 2.63	26.36 -0.07 3.07	26.93 -0.08 2.91	23.82 -0.06 2.71	21.07 -0.10 2.53	21.26 -0.11 1.86	29.63 -0.03 0.00	35.19 0.03 0.00	36.72 0.16 0.00	37.10 0.32 0.00	37.77 0.34 0.00	45.76 0.40 0.00	24.62 0.23 0.00	29.50 0.36 0.00	25.23 0.40 0.00
V_CMP_10_SYNC_DSASP 323788	-14.52 -0.41 29.48	-2.63 -0.21 10.74	-11.24 -0.37 25.85	-21.22 -0.41 35.88	-21.18 -0.44 37.06	-20.74 -0.56 36.94	-20.68 -0.60 42.74	-20.71 -0.58 43.35	-22.27 -0.52 43.93	-23.96 -0.36 44.82	-23.47 -0.63 52.34	-20.75 -0.95 49.73	-20.65 -1.09 46.15	-20.56 -1.17 43.09	-9.67 -1.11 31.78	29.86 0.19 0.00	35.77 0.61 0.00	37.80 1.25 0.00	38.27 1.49 0.00	39.09 1.66 0.00	47.69 2.33 0.00	25.77 1.38 0.00	30.80 1.65 0.00	26.44 1.61 0.00
V_D_10_SYNC_DSASP 323841	13.47 -0.03 1.87	7.62 -0.01 0.68	13.31 -0.02 1.64	12.75 -0.04 2.28	13.96 -0.03 2.34	14.63 0.04 2.17	20.24 0.09 2.51	20.72 0.04 2.54	19.40 -0.12 2.66	18.51 -0.09 2.63	26.48 0.05 3.07	27.05 0.04 2.91	23.93 0.05 2.71	21.18 0.01 2.53	21.36 -0.01 1.86	29.76 0.09 0.00	35.34 0.18 0.00	36.87 0.31 0.00	37.25 0.47 0.00	37.92 0.49 0.00	45.94 0.58 0.00	24.72 0.33 0.00	29.62 0.47 0.00	25.34 0.51 0.00
V_E_10_SYNC_DSASP 323830	18.07 0.50 -2.21	8.55 0.24 0.00	15.32 0.35 0.00	15.55 0.49 0.00	16.83 0.51 0.00	17.55 0.79 0.00	23.88 1.22 0.00	24.44 1.21 0.00	23.90 1.14 -0.58	21.93 0.70 0.00	30.09 0.59 0.00	30.32 0.40 0.00	26.77 0.19 0.00	23.98 0.28 0.00	23.68 0.45 0.00	30.45 0.79 0.00	36.68 1.52 0.00	38.26 1.71 0.00	38.64 1.86 0.00	39.11 1.68 0.00	47.45 2.09 0.00	25.36 0.97 0.00	30.22 1.07 0.00	25.53 0.70 0.00
V_F_30_NSYNC___DSASP 323816	41.99 0.86 -25.76	8.75 0.43 0.00	15.78 0.80 0.00	15.88 0.82 0.00	17.21 0.89 0.00	17.68 0.93 0.00	23.95 1.29 0.00	24.60 1.38 0.00	23.57 1.39 0.00	22.46 1.24 0.00	30.93 1.43 0.00	31.44 1.52 0.00	27.82 1.24 0.00	24.83 1.13 0.00	24.30 1.07 0.00	31.05 1.39 0.00	36.92 1.76 0.00	38.42 1.86 0.00	38.57 1.79 0.00	39.20 1.77 0.00	47.61 2.25 0.00	25.56 1.17 0.00	30.47 1.32 0.00	25.85 1.01 0.00

V_F_30_SYNC_DSASP 323786	26.28 0.60 -10.31	8.62 0.30 0.00	15.54 0.57 0.00	15.69 0.62 0.00	16.96 0.64 0.00	17.38 0.63 0.00	23.50 0.84 0.00	24.12 0.90 0.00	23.12 0.95 0.00	22.11 0.89 0.00	30.57 1.06 0.00	30.98 1.05 0.00	27.53 0.95 0.00	24.58 0.88 0.00	24.12 0.89 0.00	30.70 1.03 0.00	36.31 1.15 0.00	37.76 1.21 0.00	37.86 1.08 0.00	38.51 1.08 0.00	46.79 1.43 0.00	25.12 0.73 0.00	29.92 0.77 0.00	25.42 0.59 0.00
V_XM_10_SYNC_DSASP 323789	-14.52 -0.41 29.48	-2.63 -0.21 10.74	-11.24 -0.37 25.85	-21.22 -0.41 35.88	-21.18 -0.44 37.06	-20.74 -0.56 36.94	-20.68 -0.60 42.74	-20.71 -0.58 43.35	-22.27 -0.52 43.93	-23.96 -0.36 44.82	-23.47 -0.63 52.34	-20.75 -0.95 49.73	-20.65 -1.09 46.15	-20.56 -1.17 43.09	-9.67 -1.11 31.78	29.86 0.19 0.00	35.77 0.61 0.00	37.80 1.25 0.00	38.27 1.49 0.00	39.09 1.66 0.00	47.69 2.33 0.00	25.77 1.38 0.00	30.80 1.65 0.00	26.44 1.61 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.99 1.05 -2.57	8.84 0.53 0.00	15.89 0.92 0.00	15.97 0.91 0.00	17.31 0.99 0.00	17.72 0.96 0.00	23.96 1.30 0.00	24.67 1.44 0.00	23.69 1.51 0.00	22.78 1.55 0.00	31.65 2.15 0.00	32.11 2.19 0.00	28.54 1.95 0.00	25.43 1.73 0.00	24.90 1.67 0.00	31.76 2.09 0.00	37.45 2.29 0.00	38.80 2.24 0.00	38.71 1.94 0.00	39.37 1.94 0.00	47.73 2.37 0.00	25.57 1.17 0.00	30.50 1.35 0.00	25.82 0.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.23 1.12 -2.74	8.89 0.57 0.00	15.96 0.99 0.00	16.04 0.98 0.00	17.38 1.06 0.00	17.79 1.04 0.00	24.05 1.39 0.00	24.79 1.57 0.00	23.85 1.67 0.00	22.93 1.71 0.00	31.89 2.38 0.00	32.34 2.42 0.00	28.74 2.15 0.00	25.61 1.91 0.00	25.07 1.85 0.00	31.96 2.29 0.00	37.62 2.46 0.00	38.90 2.35 0.00	38.82 2.05 0.00	39.44 2.01 0.00	47.83 2.47 0.00	25.66 1.27 0.00	30.63 1.48 0.00	25.92 1.08 0.00
W50THST__13_KV_LOAD 356117	19.33 1.22 -2.74	8.94 0.63 0.00	16.05 1.08 0.00	16.14 1.08 0.00	17.49 1.17 0.00	17.90 1.15 0.00	24.21 1.55 0.00	24.98 1.75 0.00	24.05 1.87 0.00	23.13 1.91 0.00	32.17 2.67 0.00	32.64 2.72 0.00	29.00 2.42 0.00	25.86 2.16 0.00	25.32 2.09 0.00	32.26 2.60 0.00	37.97 2.81 0.00	39.24 2.69 0.00	39.12 2.35 0.00	39.71 2.28 0.00	48.17 2.80 0.00	25.83 1.44 0.00	30.80 1.66 0.00	26.07 1.23 0.00
WADING RIVER_IC_1 23522	19.48 1.37 -2.74	9.03 0.71 0.00	16.17 1.19 0.00	16.30 1.23 0.00	17.53 1.20 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.66 1.43 0.00	24.04 1.86 0.00	23.37 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.30 2.72 0.00	25.68 1.99 0.00	25.16 1.93 0.00	32.09 2.42 0.00	37.31 2.15 0.00	38.14 1.58 0.00	38.12 1.35 0.00	38.59 1.16 0.00	47.01 1.65 0.00	25.95 1.55 0.00	30.99 1.84 0.00	26.12 1.29 0.00
WADING RIVER_IC_2 23547	19.48 1.37 -2.74	9.03 0.71 0.00	16.17 1.19 0.00	16.30 1.23 0.00	17.53 1.20 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.66 1.43 0.00	24.04 1.86 0.00	23.37 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.30 2.72 0.00	25.68 1.99 0.00	25.16 1.93 0.00	32.09 2.42 0.00	37.31 2.15 0.00	38.14 1.58 0.00	38.12 1.35 0.00	38.59 1.16 0.00	47.01 1.65 0.00	25.95 1.55 0.00	30.99 1.84 0.00	26.12 1.29 0.00
WADING RIVER_IC_3 23601	19.48 1.37 -2.74	9.03 0.71 0.00	16.17 1.19 0.00	16.30 1.23 0.00	17.53 1.20 0.00	17.84 1.09 0.00	24.08 1.42 0.00	24.66 1.43 0.00	24.04 1.86 0.00	23.37 2.14 0.00	32.52 3.02 0.00	33.03 3.11 0.00	29.30 2.72 0.00	25.68 1.99 0.00	25.16 1.93 0.00	32.09 2.42 0.00	37.31 2.15 0.00	38.14 1.58 0.00	38.12 1.35 0.00	38.59 1.16 0.00	47.01 1.65 0.00	25.95 1.55 0.00	30.99 1.84 0.00	26.12 1.29 0.00
WALDENNY_12_KV_BK2 80841	12.85 -1.33 1.20	7.67 -0.64 0.00	13.69 -1.29 0.00	13.78 -1.29 0.00	14.91 -1.41 0.00	15.28 -1.47 0.00	20.95 -1.71 0.00	21.48 -1.75 0.00	17.37 -1.55 3.26	19.62 -1.60 0.00	27.50 -2.00 0.00	28.05 -1.87 0.00	24.84 -1.75 0.00	22.00 -1.70 0.00	21.55 -1.68 0.00	27.69 -1.97 0.00	32.86 -2.30 0.00	34.19 -2.37 0.00	34.58 -2.19 0.00	35.32 -2.11 0.00	42.34 -3.02 0.00	22.72 -1.67 0.00	27.82 -1.33 0.00	24.03 -0.81 0.00
WALDEN__HYDRO 24148	16.35 0.98 0.00	8.81 0.50 0.00	15.84 0.87 0.00	15.92 0.85 0.00	17.25 0.93 0.00	17.67 0.91 0.00	23.90 1.24 0.00	24.60 1.38 0.00	23.63 1.45 0.00	22.70 1.48 0.00	31.51 2.01 0.00	31.89 1.97 0.00	28.33 1.75 0.00	25.25 1.55 0.00	24.75 1.52 0.00	31.57 1.90 0.00	37.27 2.11 0.00	38.68 2.12 0.00	38.65 1.88 0.00	39.29 1.87 0.00	47.62 2.26 0.00	25.53 1.14 0.00	30.44 1.30 0.00	25.77 0.94 0.00
WARRENSBURG____ 23737	39.76 0.79 -23.60	8.69 0.38 0.00	15.71 0.74 0.00	15.81 0.75 0.00	17.15 0.83 0.00	17.62 0.87 0.00	23.89 1.22 0.00	24.56 1.34 0.00	23.53 1.35 0.00	22.42 1.20 0.00	30.80 1.30 0.00	31.32 1.40 0.00	27.64 1.06 0.00	24.68 0.98 0.00	24.07 0.84 0.00	30.79 1.13 0.00	36.72 1.56 0.00	38.22 1.66 0.00	38.42 1.65 0.00	38.98 1.56 0.00	47.31 1.95 0.00	25.41 1.02 0.00	30.32 1.18 0.00	25.67 0.84 0.00
WATERSIDE____6 8 9 23538	19.28 1.17 -2.74	8.91 0.60 0.00	16.01 1.03 0.00	16.09 1.02 0.00	17.43 1.11 0.00	17.84 1.08 0.00	24.10 1.44 0.00	24.85 1.63 0.00	23.89 1.71 0.00	23.00 1.78 0.00	31.98 2.47 0.00	32.44 2.52 0.00	28.83 2.25 0.00	25.69 1.99 0.00	25.15 1.92 0.00	32.02 2.36 0.00	37.71 2.55 0.00	38.95 2.39 0.00	38.86 2.08 0.00	39.51 2.08 0.00	47.93 2.57 0.00	25.73 1.34 0.00	30.70 1.55 0.00	25.97 1.14 0.00
WATKINRD_115KV_LN8_ILLION 55919	15.53 0.16 0.00	8.38 0.07 0.00	15.12 0.15 0.00	15.24 0.17 0.00	16.50 0.18 0.00	16.91 0.16 0.00	22.86 0.20 0.00	23.48 0.26 0.00	22.54 0.36 0.00	21.43 0.21 0.00	29.47 -0.03 0.00	30.02 0.10 0.00	26.56 -0.02 0.00	23.73 0.04 0.00	23.26 0.03 0.00	29.75 0.08 0.00	35.36 0.20 0.00	36.75 0.20 0.00	36.92 0.15 0.00	37.55 0.12 0.00	45.66 0.30 0.00	24.54 0.15 0.00	29.23 0.08 0.00	24.75 -0.09 0.00
WATSON__69_KV_BK 1 55734	19.58 1.47 -2.74	9.08 0.77 0.00	16.27 1.30 0.00	16.40 1.34 0.00	17.65 1.33 0.00	17.97 1.22 0.00	24.27 1.61 0.00	24.90 1.68 0.00	24.20 2.02 0.00	23.52 2.30 0.00	32.77 3.27 0.00	33.27 3.35 0.00	29.54 2.96 0.00	25.97 2.27 0.00	25.44 2.22 0.00	32.51 2.84 0.00	37.99 2.83 0.00	39.02 2.47 0.00	38.99 2.21 0.00	39.47 2.05 0.00	48.00 2.64 0.00	26.09 1.70 0.00	31.21 2.07 0.00	26.33 1.50 0.00
WDELAWARE__HYD 323627	16.30 0.93 0.00	8.79 0.48 0.00	15.82 0.84 0.00	15.90 0.84 0.00	17.23 0.91 0.00	17.67 0.92 0.00	23.92 1.26 0.00	24.62 1.39 0.00	23.62 1.44 0.00	22.67 1.44 0.00	31.38 1.88 0.00	31.73 1.81 0.00	28.15 1.57 0.00	25.08 1.38 0.00	24.58 1.35 0.00	31.41 1.74 0.00	37.19 2.03 0.00	38.68 2.13 0.00	38.78 2.01 0.00	39.42 1.99 0.00	47.75 2.39 0.00	25.59 1.20 0.00	30.54 1.40 0.00	25.85 1.02 0.00

WEST BABYLON___IC 23714	19.53 1.42 -2.74	9.06 0.74 0.00	16.22 1.25 0.00	16.35 1.28 0.00	17.60 1.27 0.00	17.94 1.18 0.00	24.22 1.56 0.00	24.87 1.65 0.00	24.15 1.97 0.00	23.45 2.22 0.00	32.67 3.17 0.00	33.17 3.24 0.00	29.44 2.86 0.00	25.91 2.21 0.00	25.39 2.16 0.00	32.43 2.76 0.00	37.93 2.76 0.00	39.01 2.45 0.00	38.94 2.17 0.00	39.45 2.02 0.00	47.96 2.60 0.00	26.04 1.64 0.00	31.14 1.99 0.00	26.27 1.44 0.00
WEST CANADA___HYD 24049	15.44 0.07 0.00	8.35 0.03 0.00	15.05 0.07 0.00	15.14 0.07 0.00	16.40 0.08 0.00	16.82 0.07 0.00	22.75 0.09 0.00	23.33 0.10 0.00	22.32 0.13 0.00	21.35 0.12 0.00	29.60 0.10 0.00	30.01 0.09 0.00	26.67 0.08 0.00	23.78 0.08 0.00	23.32 0.09 0.00	29.76 0.09 0.00	35.26 0.10 0.00	36.61 0.06 0.00	36.81 0.04 0.00	37.49 0.06 0.00	45.45 0.09 0.00	24.44 0.05 0.00	29.18 0.03 0.00	24.83 0.00 0.00
WESTERN_NY_WIND 24143	13.39 -1.03 0.95	7.81 -0.50 0.00	13.96 -1.01 0.00	14.04 -1.03 0.00	15.19 -1.13 0.00	15.60 -1.16 0.00	21.42 -1.25 0.00	22.00 -1.22 0.00	19.29 -1.07 1.83	20.10 -1.12 0.00	28.12 -1.38 0.00	28.66 -1.26 0.00	25.27 -1.32 0.00	22.25 -1.45 0.00	21.94 -1.29 0.00	28.16 -1.51 0.00	33.46 -1.70 0.00	34.87 -1.68 0.00	35.28 -1.49 0.00	35.93 -1.50 0.00	43.05 -2.31 0.00	23.10 -1.29 0.00	28.19 -0.96 0.00	24.30 -0.53 0.00
WESTOVER___LESR 323668	14.66 -0.23 0.48	8.21 -0.10 0.00	14.77 -0.20 0.00	14.89 -0.17 0.00	16.14 -0.19 0.00	16.57 -0.19 0.00	22.48 -0.18 0.00	23.04 -0.18 0.00	22.11 -0.07 0.00	21.08 -0.14 0.00	29.26 -0.24 0.00	29.70 -0.23 0.00	26.33 -0.25 0.00	23.48 -0.22 0.00	22.98 -0.25 0.00	29.45 -0.21 0.00	34.90 -0.26 0.00	36.16 -0.40 0.00	36.42 -0.35 0.00	37.20 -0.23 0.00	45.05 -0.31 0.00	24.16 -0.23 0.00	29.01 -0.14 0.00	24.67 -0.16 0.00
WETHRSFD_WT_PWR 323626	12.20 -1.59 1.58	7.52 -0.79 0.00	13.39 -1.59 0.00	13.47 -1.59 0.00	14.64 -1.69 0.00	14.99 -1.76 0.00	20.47 -2.19 0.00	20.98 -2.23 0.02	8.84 -2.02 11.32	19.16 -2.06 0.00	26.83 -2.67 0.00	27.33 -2.59 0.00	24.26 -2.32 0.00	21.59 -2.11 0.00	21.13 -2.10 0.00	27.22 -2.45 0.00	32.37 -2.79 0.00	33.66 -2.90 0.00	34.14 -2.64 0.00	34.99 -2.44 0.00	42.08 -3.28 0.00	22.54 -1.86 0.00	27.44 -1.71 0.00	23.66 -1.17 0.00
WHAVSTOR_138KV_BK127 55557	18.93 0.99 -2.58	8.81 0.50 0.00	15.84 0.86 0.00	15.91 0.85 0.00	17.24 0.92 0.00	17.65 0.90 0.00	23.86 1.20 0.00	24.56 1.33 0.00	23.59 1.41 0.00	22.68 1.45 0.00	31.53 2.02 0.00	31.98 2.05 0.00	28.41 1.83 0.00	25.32 1.62 0.00	24.79 1.56 0.00	31.61 1.94 0.00	37.25 2.09 0.00	38.59 2.04 0.00	38.51 1.74 0.00	39.18 1.75 0.00	47.50 2.14 0.00	25.46 1.06 0.00	30.37 1.23 0.00	25.72 0.89 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.93 0.99 -2.58	8.81 0.50 0.00	15.84 0.86 0.00	15.91 0.85 0.00	17.24 0.92 0.00	17.65 0.90 0.00	23.86 1.20 0.00	24.56 1.33 0.00	23.59 1.41 0.00	22.68 1.45 0.00	31.53 2.02 0.00	31.98 2.05 0.00	28.41 1.83 0.00	25.32 1.62 0.00	24.79 1.56 0.00	31.61 1.94 0.00	37.25 2.09 0.00	38.59 2.04 0.00	38.51 1.74 0.00	39.18 1.75 0.00	47.50 2.14 0.00	25.46 1.06 0.00	30.37 1.23 0.00	25.72 0.89 0.00
WHITEHAL_115KV_TB1 80871	41.06 1.19 -24.50	8.81 0.50 0.00	16.10 1.12 0.00	16.24 1.18 0.00	17.65 1.33 0.00	18.10 1.35 0.00	24.55 1.89 0.00	25.26 2.04 0.00	24.09 1.92 0.00	23.02 1.80 0.00	31.61 2.10 0.00	32.05 2.12 0.00	28.26 1.68 0.00	25.38 1.68 0.00	24.57 1.34 0.00	31.27 1.60 0.00	37.52 2.36 0.00	39.12 2.56 0.00	39.25 2.47 0.00	39.90 2.47 0.00	48.42 3.06 0.00	26.07 1.68 0.00	31.07 1.92 0.00	26.19 1.36 0.00
WHITEPLN_13_KV_LOAD 356215	19.28 1.18 -2.73	8.92 0.61 0.00	16.02 1.04 0.00	16.10 1.04 0.00	17.45 1.13 0.00	17.87 1.12 0.00	24.17 1.51 0.00	24.91 1.68 0.00	23.96 1.78 0.00	23.05 1.83 0.00	32.06 2.56 0.00	32.52 2.60 0.00	28.88 2.29 0.00	25.73 2.03 0.00	25.20 1.98 0.00	32.15 2.48 0.00	37.89 2.73 0.00	39.21 2.66 0.00	39.13 2.35 0.00	39.76 2.33 0.00	48.16 2.80 0.00	25.81 1.42 0.00	30.80 1.65 0.00	26.07 1.23 0.00
WM_FLOYD_69_KV_BK2 356380	19.49 1.38 -2.74	9.04 0.72 0.00	16.18 1.21 0.00	16.31 1.25 0.00	17.54 1.22 0.00	17.85 1.10 0.00	24.09 1.43 0.00	24.67 1.44 0.00	24.05 1.87 0.00	23.38 2.15 0.00	32.51 3.00 0.00	33.03 3.10 0.00	29.30 2.71 0.00	25.70 2.00 0.00	25.17 1.93 0.00	32.12 2.45 0.00	37.46 2.30 0.00	38.40 1.84 0.00	38.37 1.59 0.00	38.85 1.42 0.00	47.29 1.93 0.00	25.93 1.54 0.00	31.00 1.85 0.00	26.14 1.31 0.00
WOODARD___115KV_TB2 355635	15.07 -0.31 0.00	8.16 -0.16 0.00	14.67 -0.30 0.00	14.77 -0.30 0.00	16.00 -0.33 0.00	16.42 -0.33 0.00	22.23 -0.43 0.00	22.78 -0.44 0.00	21.81 -0.37 0.00	20.84 -0.39 0.00	28.87 -0.63 0.00	29.30 -0.62 0.00	26.02 -0.57 0.00	23.21 -0.49 0.00	22.76 -0.47 0.00	29.04 -0.62 0.00	34.46 -0.70 0.00	35.79 -0.76 0.00	36.03 -0.74 0.00	36.66 -0.77 0.00	44.35 -1.01 0.00	23.85 -0.54 0.00	28.50 -0.64 0.00	24.30 -0.54 0.00
YORK___WARBASSE 23770	19.34 1.23 -2.74	8.93 0.62 0.00	16.04 1.07 0.00	16.12 1.06 0.00	17.47 1.14 0.00	17.88 1.13 0.00	24.18 1.51 0.00	24.93 1.71 0.00	23.93 1.75 0.00	23.06 1.84 0.00	32.08 2.58 0.00	32.55 2.62 0.00	28.93 2.35 0.00	25.76 2.06 0.00	25.23 1.99 0.00	32.08 2.41 0.00	37.80 2.64 0.00	39.06 2.51 0.00	38.99 2.21 0.00	39.63 2.20 0.00	48.09 2.73 0.00	25.84 1.45 0.00	30.83 1.68 0.00	26.08 1.25 0.00