

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/26/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	46.16	43.53	42.31	41.55	41.70	38.60	43.03	41.48	40.02	39.54	44.92	41.95	42.26	36.86	35.29	36.45	39.01	35.34	37.60	35.12	32.88	34.29	31.83	34.81
24138	2.27	1.83	1.71	1.65	1.67	1.89	2.29	2.49	2.52	2.49	2.94	2.77	2.82	2.34	2.22	2.23	2.45	2.30	2.39	2.05	2.19	2.16	1.98	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.78	-2.01	-4.62	-0.80	0.00	0.00	0.00
74TH STREET_GT_1	46.22	43.59	42.40	41.63	41.77	38.68	43.09	41.64	41.40	39.55	44.91	41.94	42.26	36.86	35.28	36.45	39.01	35.35	37.60	35.12	32.88	34.30	31.83	34.81
24260	2.33	1.90	1.79	1.73	1.73	1.97	2.35	2.54	2.56	2.50	2.93	2.76	2.82	2.34	2.22	2.22	2.45	2.30	2.38	2.05	2.19	2.17	1.99	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.78	-2.01	-4.62	-0.80	0.00	0.00	0.00
74TH STREET_GT_2	46.22	43.59	42.40	41.63	41.77	38.68	43.09	41.64	41.40	39.55	44.91	41.94	42.26	36.86	35.28	36.45	39.01	35.35	37.60	35.12	32.88	34.30	31.83	34.81
24261	2.33	1.90	1.79	1.73	1.73	1.97	2.35	2.54	2.56	2.50	2.93	2.76	2.82	2.34	2.22	2.22	2.45	2.30	2.38	2.05	2.19	2.17	1.99	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-0.78	-2.01	-4.62	-0.80	0.00	0.00	0.00
ADK HUDSON___FALLS	46.45	43.94	42.74	42.00	42.21	38.82	43.22	41.47	40.00	39.37	44.60	41.57	41.80	36.47	35.00	36.33	39.00	35.37	37.93	36.03	32.68	33.86	31.39	34.47
24011	2.56	2.24	2.13	2.10	2.17	2.11	2.48	2.48	2.44	2.32	2.62	2.39	2.36	1.94	1.94	2.11	2.32	2.12	2.19	1.74	1.78	1.73	1.54	1.67
	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	-0.59	-0.98	-2.53	-5.83	-1.02	0.00	0.00	0.00
ADK RESOURCE___RCVRY	46.76	44.20	42.94	42.22	42.43	39.05	43.47	41.78	40.30	39.63	44.89	41.79	42.02	36.69	35.20	36.59	39.32	35.67	38.24	36.26	32.86	34.00	31.47	34.56
23798	2.87	2.50	2.33	2.33	2.40	2.33	2.73	2.78	2.75	2.57	2.91	2.61	2.58	2.17	2.14	2.36	2.64	2.42	2.50	1.97	1.95	1.87	1.62	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-0.98	-2.54	-5.84	-1.02	0.00	0.00	0.00
ADK S GLENS___FALLS	46.45	43.94	42.74	42.00	42.21	38.82	43.22	41.47	40.00	39.37	44.60	41.57	41.80	36.47	35.00	36.33	39.00	35.37	37.93	36.03	32.68	33.86	31.39	34.47
24028	2.56	2.24	2.13	2.10	2.17	2.11	2.48	2.48	2.44	2.32	2.62	2.39	2.36	1.94	1.94	2.11	2.32	2.12	2.19	1.74	1.78	1.73	1.54	1.67
	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	-0.59	-0.98	-2.53	-5.83	-1.02	0.00	0.00	0.00
ADK_NYS___DAM	46.47	44.03	42.87	42.05	42.30	38.87	43.18	41.27	39.76	39.13	44.34	41.32	41.57	36.36	34.89	36.09	38.63	35.01	37.54	35.64	32.64	33.90	31.51	34.58
23527	2.59	2.33	2.26	2.15	2.26	2.16	2.45	2.27	2.21	2.08	2.36	2.14	2.13	1.84	1.82	1.87	1.98	1.80	1.89	1.57	1.77	1.77	1.67	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-0.94	-2.44	-5.61	-0.98	0.00	0.00	0.00
AIR_PRODUCTS___DRP	44.78	42.49	41.41	40.63	40.82	37.55	41.61	39.88	38.45	37.89	42.84	39.98	40.26	35.22	33.76	34.92	37.45	33.92	36.41	34.71	31.57	32.80	30.54	33.57
24190	0.90	0.79	0.80	0.74	0.79	0.84	0.88	0.89	0.89	0.83	0.87	0.80	0.81	0.70	0.69	0.69	0.79	0.72	0.76	0.65	0.70	0.68	0.69	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-0.94	-2.44	-5.62	-0.98	0.00	0.00	0.00
AKWESSNE_115KV_BK	44.85	43.29	41.92	41.19	41.23	37.27	41.33	39.31	37.35	37.16	42.14	39.01	39.28	34.27	32.77	33.87	35.66	32.26	33.23	27.65	29.42	32.07	29.77	32.83
355683	0.96	1.59	1.32	1.29	1.19	0.56	0.59	0.32	-0.21	0.10	0.16	-0.17	-0.16	-0.26	-0.30	-0.35	-0.43	-0.01	0.02	-0.80	-0.47	-0.06	-0.08	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_SOLAR	45.59	43.29	42.18	41.41	41.59	38.20	42.35	40.55	39.04	38.43	43.46	40.47	40.68	35.68	34.22	35.44	38.03	34.46	36.93	35.10	32.07	33.37	31.04	34.11
323833	1.70	1.59	1.58	1.51	1.55	1.48	1.61	1.56	1.48	1.38	1.48	1.29	1.24	1.16	1.15	1.21	1.38	1.26	1.32	1.12	1.22	1.24	1.19	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-0.93	-2.40	-5.53	-0.96	0.00	0.00	0.00
ALBANY_2_SOLAR	45.57	43.27	42.17	41.40	41.57	38.19	42.34	40.54	39.02	38.43	43.45	40.46	40.68	35.67	34.22	35.43	38.02	34.45	36.92	35.08	32.06	33.35	31.04	34.09
323834	1.68	1.57	1.56	1.50	1.53	1.48	1.61	1.54	1.46	1.37	1.47	1.28	1.24	1.15	1.15	1.21	1.37	1.25	1.31	1.10	1.20	1.22	1.19	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-0.93	-2.40	-5.53	-0.96	0.00	0.00	0.00
ALBANY___1	44.78	42.49	41.41	40.63	40.82	37.55	41.61	39.88	38.45	37.89	42.84	39.98	40.26	35.22	33.76	34.92	37.45	33.92	36.41	34.71	31.57	32.80	30.54	33.57
23571	0.90	0.79	0.80	0.74	0.79	0.84	0.88	0.89	0.89	0.83	0.87	0.80	0.81	0.70	0.69	0.69	0.79	0.72	0.76	0.65	0.70	0.68	0.69	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-0.94	-2.44	-5.62	-0.98	0.00	0.00	0.00



ALBANY___2 23572	44.78 0.90 0.00	42.49 0.79 0.00	41.41 0.80 0.00	40.63 0.74 0.00	40.82 0.79 0.00	37.55 0.84 0.00	41.61 0.88 0.00	39.88 0.89 0.00	38.45 0.89 0.00	37.89 0.83 0.00	42.84 0.87 0.00	39.98 0.80 0.00	40.26 0.81 0.00	35.22 0.70 0.00	33.76 0.69 0.00	34.92 0.69 0.00	37.45 0.79 -0.56	33.92 0.72 -0.94	36.41 0.76 -2.44	34.71 0.65 -5.62	31.57 0.70 -0.98	32.80 0.68 0.00	30.54 0.69 0.00	33.57 0.77 0.00
ALBANY___3 23573	44.78 0.90 0.00	42.49 0.79 0.00	41.41 0.80 0.00	40.63 0.74 0.00	40.82 0.79 0.00	37.55 0.84 0.00	41.61 0.88 0.00	39.88 0.89 0.00	38.45 0.89 0.00	37.89 0.83 0.00	42.84 0.87 0.00	39.98 0.80 0.00	40.26 0.81 0.00	35.22 0.70 0.00	33.76 0.69 0.00	34.92 0.69 0.00	37.45 0.79 -0.56	33.92 0.72 -0.94	36.41 0.76 -2.44	34.71 0.65 -5.62	31.57 0.70 -0.98	32.80 0.68 0.00	30.54 0.69 0.00	33.57 0.77 0.00
ALBANY___4 23574	44.78 0.90 0.00	42.49 0.79 0.00	41.41 0.80 0.00	40.63 0.74 0.00	40.82 0.79 0.00	37.55 0.84 0.00	41.61 0.88 0.00	39.88 0.89 0.00	38.45 0.89 0.00	37.89 0.83 0.00	42.84 0.87 0.00	39.98 0.80 0.00	40.26 0.81 0.00	35.22 0.70 0.00	33.76 0.69 0.00	34.92 0.69 0.00	37.45 0.79 -0.56	33.92 0.72 -0.94	36.41 0.76 -2.44	34.71 0.65 -5.62	31.57 0.70 -0.98	32.80 0.68 0.00	30.54 0.69 0.00	33.57 0.77 0.00
ALBANY___LFGE 323615	45.20 1.31 0.00	42.88 1.18 0.00	41.76 1.16 0.00	40.99 1.10 0.00	41.19 1.15 0.00	37.89 1.17 0.00	42.02 1.28 0.00	40.27 1.27 0.00	38.83 1.27 0.00	38.26 1.21 0.00	43.29 1.31 0.00	40.40 1.23 0.00	40.68 1.23 0.00	35.60 1.08 0.00	34.12 1.05 0.00	35.30 1.07 0.00	37.84 1.19 -0.57	34.28 1.07 -0.94	36.77 1.11 -2.45	35.02 0.94 -5.64	31.88 1.01 -0.98	33.12 0.99 0.00	30.82 0.98 0.00	33.88 1.08 0.00
ALCOA_PA_115KV_PL-6C 55860	45.16 1.27 0.00	43.59 1.90 0.00	42.21 1.60 0.00	41.47 1.57 0.00	41.50 1.46 0.00	37.47 0.76 0.00	41.54 0.80 0.00	39.51 0.51 0.00	37.55 -0.01 0.00	37.39 0.34 0.00	42.40 0.42 0.00	39.24 0.06 0.00	39.51 0.06 0.00	34.49 -0.03 0.00	32.99 -0.08 0.00	34.10 -0.13 0.00	35.84 -0.25 0.00	32.40 0.13 0.00	33.36 0.15 0.00	27.76 -0.69 0.00	29.52 -0.37 0.00	32.22 0.10 0.00	29.91 0.06 0.00	33.02 0.22 0.00
ALCOA_RYNLDS___DRP 24188	45.16 1.27 0.00	43.59 1.90 0.00	42.21 1.60 0.00	41.47 1.57 0.00	41.50 1.46 0.00	37.47 0.76 0.00	41.54 0.80 0.00	39.51 0.51 0.00	37.55 -0.01 0.00	37.39 0.34 0.00	42.40 0.42 0.00	39.24 0.06 0.00	39.51 0.06 0.00	34.49 -0.03 0.00	32.99 -0.08 0.00	34.10 -0.13 0.00	35.84 -0.25 0.00	32.40 0.13 0.00	33.36 0.15 0.00	27.76 -0.69 0.00	29.52 -0.37 0.00	32.22 0.10 0.00	29.91 0.06 0.00	33.02 0.22 0.00
ALCOA___DSASP 323711	45.16 1.27 0.00	43.59 1.90 0.00	42.21 1.60 0.00	41.47 1.57 0.00	41.50 1.46 0.00	37.47 0.76 0.00	41.54 0.80 0.00	39.51 0.51 0.00	37.55 -0.01 0.00	37.39 0.34 0.00	42.40 0.42 0.00	39.24 0.06 0.00	39.51 0.06 0.00	34.49 -0.03 0.00	32.99 -0.08 0.00	34.10 -0.13 0.00	35.84 -0.25 0.00	32.40 0.13 0.00	33.36 0.15 0.00	27.76 -0.69 0.00	29.52 -0.37 0.00	32.22 0.10 0.00	29.91 0.06 0.00	33.02 0.22 0.00
ALLEGHENY___COGEN 23514	44.81 0.93 0.00	42.80 1.10 0.00	41.61 1.01 0.00	41.07 1.17 0.00	41.15 1.11 0.00	37.35 0.63 0.00	41.76 1.03 0.00	39.79 0.80 0.00	38.05 0.50 0.00	37.38 0.32 0.00	42.14 0.16 0.00	39.18 0.00 0.00	38.63 -0.81 0.00	34.14 -0.38 0.00	32.60 -0.47 0.00	33.69 -0.54 0.00	35.94 -0.24 -0.08	32.26 -0.17 -0.17	33.37 -0.26 -0.42	29.16 -0.13 -0.84	29.97 -0.06 -0.15	32.03 -0.09 0.00	29.80 -0.05 0.00	32.96 0.16 0.00
ALTAMONT_115KV_TB 2 55880	44.87 0.99 0.00	42.57 0.87 0.00	41.49 0.88 0.00	40.73 0.83 0.00	40.89 0.85 0.00	37.56 0.84 0.00	41.66 0.92 0.00	39.92 0.92 0.00	38.48 0.92 0.00	37.92 0.86 0.00	42.95 0.97 0.00	40.08 0.90 0.00	40.35 0.91 0.00	35.30 0.78 0.00	33.83 0.76 0.00	35.00 0.78 0.00	37.52 0.87 -0.56	34.00 0.80 -0.94	36.49 0.85 -2.43	34.77 0.73 -5.60	31.66 0.80 -0.97	32.92 0.79 0.00	30.61 0.77 0.00	33.61 0.81 0.00
ALTONA_WT_PWR 323606	45.31 1.42 0.00	43.61 1.92 0.00	42.30 1.69 0.00	41.58 1.69 0.00	41.63 1.59 0.00	37.72 1.00 0.00	41.84 1.10 0.00	39.86 0.86 0.00	37.88 0.33 0.00	37.54 0.49 0.00	42.67 0.69 0.00	39.51 0.33 0.00	39.80 0.36 0.00	34.67 0.15 0.00	33.19 0.12 0.00	34.38 0.16 0.00	36.20 0.11 0.00	32.64 0.37 0.00	33.57 0.36 0.00	27.49 -0.96 0.00	28.84 -1.05 0.00	31.49 -0.64 0.00	29.17 -0.68 0.00	32.49 -0.31 0.00
AMERICAN_REF_FUEL 24010	42.61 -1.28 0.00	41.09 -0.61 0.00	39.82 -0.79 0.00	39.27 -0.63 0.00	39.20 -0.83 0.00	35.02 -1.70 0.00	38.54 -2.20 0.00	36.26 -2.73 0.00	34.61 -2.95 0.00	34.28 -2.78 0.00	38.68 -3.30 0.00	36.14 -3.04 0.00	36.20 -3.25 0.00	31.56 -2.96 0.00	30.09 -2.99 0.00	31.06 -3.16 0.00	33.11 -3.06 -0.07	29.62 -2.76 -0.11	30.46 -3.05 -0.30	26.69 -2.48 -0.72	27.67 -2.34 -0.13	29.68 -2.45 0.00	27.75 -2.10 0.00	31.11 -1.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.13 -0.76 0.00	41.26 -0.43 0.00	39.90 -0.71 0.00	39.52 -0.38 0.00	39.69 -0.35 0.00	35.45 -1.26 0.00	39.60 -1.14 0.00	37.20 -1.79 0.00	35.20 -2.36 0.00	34.67 -2.38 0.00	38.98 -3.00 0.00	36.03 -3.15 0.00	35.54 -3.90 0.00	31.10 -3.42 0.00	29.80 -3.27 0.00	30.92 -3.30 0.00	32.43 -3.74 -0.08	28.96 -3.44 -0.13	29.81 -3.74 -0.34	26.13 -3.14 -0.83	27.05 -2.98 -0.14	28.89 -3.24 0.00	26.91 -2.93 0.00	30.05 -2.75 0.00
ARTHUR KILL_GT_1 23520	45.87 1.98 0.00	43.62 1.92 0.00	42.63 2.02 0.00	41.87 1.97 0.00	42.02 1.99 0.00	38.91 2.20 0.00	43.01 2.27 0.00	41.36 2.26 -0.10	41.33 2.50 -1.28	39.18 2.13 0.00	44.47 2.49 0.00	41.50 2.32 0.00	41.84 2.40 0.00	36.48 1.96 0.00	34.96 1.89 0.00	36.09 1.87 0.00	38.68 2.13 -0.47	35.06 2.02 -0.78	37.31 2.09 -2.01	34.91 1.84 -4.62	32.65 1.96 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.86 2.06 0.00
ARTHUR_KILL_2 23512	45.75 1.86 0.00	43.53 1.83 0.00	42.50 1.90 0.00	41.73 1.83 0.00	41.92 1.88 0.00	38.79 2.08 0.00	42.88 2.14 0.00	41.25 2.15 -0.10	41.24 2.41 -1.28	39.08 2.02 0.00	44.34 2.37 0.00	41.39 2.21 0.00	41.73 2.28 0.00	36.38 1.86 0.00	34.86 1.79 0.00	35.98 1.76 0.00	38.56 2.01 -0.47	34.95 1.90 -0.78	37.21 1.99 -2.01	34.83 1.76 -4.62	32.56 1.87 -0.80	33.93 1.81 0.00	31.51 1.66 0.00	34.77 1.96 0.00
ARTHUR_KILL_3 23513	45.87 1.98 0.00	43.21 1.51 0.00	41.97 1.36 0.00	41.20 1.31 0.00	41.38 1.34 0.00	38.29 1.57 0.00	42.73 1.99 0.00	41.31 2.21 -0.10	41.05 2.20 -1.29	39.21 2.16 0.00	44.51 2.54 0.00	41.57 2.39 0.00	41.89 2.45 0.00	36.53 2.01 0.00	34.98 1.91 0.00	36.11 1.89 0.00	38.69 2.14 -0.47	35.06 2.02 -0.78	37.32 2.10 -2.01	34.90 1.82 -4.62	32.64 1.94 -0.80	34.04 1.91 0.00	31.59 1.75 0.00	34.50 1.70 0.00



ARTHUR_KILL_COGEN 323718	45.87 1.98 0.00	43.64 1.94 0.00	42.62 2.01 0.00	41.84 1.94 0.00	42.03 1.99 0.00	38.90 2.19 0.00	43.00 2.27 0.00	41.36 2.26 -0.10	41.35 2.51 -1.28	39.18 2.13 0.00	44.47 2.49 0.00	41.50 2.32 0.00	41.84 2.40 0.00	36.48 1.96 0.00	34.95 1.88 0.00	36.09 1.87 0.00	38.68 2.12 -0.47	35.06 2.02 -0.78	37.31 2.09 -2.01	34.91 1.84 -4.62	32.65 1.96 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.86 2.06 0.00
ASHOKAN____ 23654	46.04 2.15 0.00	43.57 1.88 0.00	42.40 1.79 0.00	41.62 1.72 0.00	41.76 1.72 0.00	38.49 1.78 0.00	42.83 2.09 0.00	41.20 2.20 0.00	39.72 2.17 0.00	39.12 2.07 0.00	44.39 2.41 0.00	41.26 2.08 0.00	41.53 2.09 0.00	36.28 1.76 0.00	34.89 1.82 0.00	36.08 1.86 0.00	38.72 2.11 -0.52	35.12 1.99 -0.87	37.41 1.96 -2.24	35.25 1.64 -5.16	32.57 1.78 -0.90	33.94 1.81 0.00	31.50 1.65 0.00	34.44 1.64 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.85 1.96 0.00	43.18 1.48 0.00	41.91 1.30 0.00	41.18 1.28 0.00	41.35 1.31 0.00	38.33 1.61 0.00	42.65 1.91 0.00	41.41 2.31 -0.10	41.16 2.33 -1.28	39.20 2.14 0.00	44.38 2.40 0.00	41.41 2.23 0.00	41.81 2.37 0.00	36.43 1.91 0.00	34.87 1.81 0.00	36.02 1.79 0.00	38.51 1.95 -0.46	34.94 1.90 -0.78	37.19 1.97 -2.01	34.81 1.73 -4.62	32.58 1.88 -0.80	33.99 1.86 0.00	31.53 1.68 0.00	34.45 1.64 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.85 1.96 0.00	43.18 1.48 0.00	41.90 1.30 0.00	41.18 1.28 0.00	41.35 1.31 0.00	38.33 1.61 0.00	42.65 1.91 0.00	41.41 2.31 -0.10	41.16 2.33 -1.28	39.20 2.14 0.00	44.38 2.40 0.00	41.41 2.23 0.00	41.81 2.36 0.00	36.43 1.91 0.00	34.87 1.80 0.00	36.01 1.79 0.00	38.51 1.95 -0.46	34.94 1.90 -0.78	37.18 1.96 -2.01	34.80 1.73 -4.62	32.57 1.88 -0.80	33.99 1.86 0.00	31.53 1.68 0.00	34.45 1.64 0.00
ASTORIA_GT2_1 24094	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT2_2 24095	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT2_3 24096	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT2_4 24097	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT3_1 24098	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT3_2 24099	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT3_3 24100	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT3_4 24101	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT4_1 24102	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT4_2 24103	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT4_3 24104	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00



ASTORIA_GT4_4 24105	45.87 1.98 0.00	43.14 1.44 0.00	41.95 1.34 0.00	41.26 1.36 0.00	41.35 1.31 0.00	38.35 1.64 0.00	42.67 1.93 0.00	41.42 2.32 -0.10	41.16 2.32 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.44 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.99 -0.47	34.96 1.92 -0.78	37.20 1.98 -2.01	34.83 1.76 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.47 1.67 0.00
ASTORIA_GT_1 23523	45.94 2.05 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.32 1.43 0.00	41.42 1.38 0.00	38.41 1.70 0.00	42.75 2.01 0.00	41.49 2.40 -0.10	41.23 2.40 -1.28	39.29 2.24 0.00	44.50 2.52 0.00	41.52 2.34 0.00	41.91 2.47 0.00	36.52 2.00 0.00	34.97 1.90 0.00	36.11 1.88 0.00	38.61 2.06 -0.47	35.03 1.99 -0.78	37.27 2.05 -2.01	34.88 1.81 -4.62	32.65 1.96 -0.80	34.07 1.95 0.00	31.60 1.75 0.00	34.52 1.72 0.00
ASTORIA_GT_10 24110	46.02 2.13 0.00	43.41 1.71 0.00	42.22 1.61 0.00	41.47 1.57 0.00	41.60 1.56 0.00	38.52 1.80 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.26 2.43 -1.28	39.32 2.27 0.00	44.64 2.66 0.00	41.68 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.40 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.68 1.84 0.00	34.66 1.86 0.00
ASTORIA_GT_11 24225	46.02 2.13 0.00	43.41 1.71 0.00	42.22 1.61 0.00	41.47 1.57 0.00	41.60 1.56 0.00	38.52 1.80 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.26 2.43 -1.28	39.32 2.27 0.00	44.64 2.66 0.00	41.68 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.40 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.68 1.84 0.00	34.66 1.86 0.00
ASTORIA_GT_12 24226	46.02 2.13 0.00	43.41 1.71 0.00	42.22 1.61 0.00	41.47 1.57 0.00	41.60 1.56 0.00	38.52 1.80 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.26 2.43 -1.28	39.32 2.27 0.00	44.64 2.66 0.00	41.68 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.40 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.68 1.84 0.00	34.66 1.86 0.00
ASTORIA_GT_13 24227	46.02 2.13 0.00	43.41 1.71 0.00	42.22 1.61 0.00	41.47 1.57 0.00	41.60 1.56 0.00	38.52 1.80 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.26 2.43 -1.28	39.32 2.27 0.00	44.64 2.66 0.00	41.68 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.40 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.68 1.84 0.00	34.66 1.86 0.00
ASTORIA_GT_5 24106	45.94 2.05 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.32 1.43 0.00	41.42 1.38 0.00	38.41 1.70 0.00	42.75 2.01 0.00	41.49 2.40 -0.10	41.23 2.40 -1.28	39.29 2.24 0.00	44.50 2.52 0.00	41.52 2.34 0.00	41.91 2.47 0.00	36.52 2.00 0.00	34.97 1.90 0.00	36.11 1.88 0.00	38.61 2.06 -0.47	35.03 1.99 -0.78	37.27 2.05 -2.01	34.88 1.81 -4.62	32.65 1.96 -0.80	34.07 1.95 0.00	31.60 1.75 0.00	34.52 1.72 0.00
ASTORIA_GT_7 24107	45.94 2.05 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.32 1.43 0.00	41.42 1.38 0.00	38.41 1.70 0.00	42.75 2.01 0.00	41.49 2.40 -0.10	41.23 2.40 -1.28	39.29 2.24 0.00	44.50 2.52 0.00	41.52 2.34 0.00	41.91 2.47 0.00	36.52 2.00 0.00	34.97 1.90 0.00	36.11 1.88 0.00	38.61 2.06 -0.47	35.03 1.99 -0.78	37.27 2.05 -2.01	34.88 1.81 -4.62	32.65 1.96 -0.80	34.07 1.95 0.00	31.60 1.75 0.00	34.52 1.72 0.00
ASTORIA_GT_8 24108	45.94 2.05 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.32 1.43 0.00	41.42 1.38 0.00	38.41 1.70 0.00	42.75 2.01 0.00	41.49 2.40 -0.10	41.23 2.40 -1.28	39.29 2.24 0.00	44.50 2.52 0.00	41.52 2.34 0.00	41.91 2.47 0.00	36.52 2.00 0.00	34.97 1.90 0.00	36.11 1.88 0.00	38.61 2.06 -0.47	35.03 1.99 -0.78	37.27 2.05 -2.01	34.88 1.81 -4.62	32.65 1.96 -0.80	34.07 1.95 0.00	31.60 1.75 0.00	34.52 1.72 0.00
ASTORIA___2 24149	45.87 1.98 0.00	43.19 1.49 0.00	41.91 1.31 0.00	41.20 1.30 0.00	41.37 1.33 0.00	38.34 1.63 0.00	42.66 1.92 0.00	41.42 2.32 -0.10	41.16 2.33 -1.28	39.21 2.16 0.00	44.40 2.42 0.00	41.43 2.26 0.00	41.83 2.38 0.00	36.45 1.93 0.00	34.90 1.83 0.00	36.03 1.81 0.00	38.54 1.98 -0.46	34.96 1.91 -0.78	37.20 1.98 -2.01	34.83 1.75 -4.62	32.59 1.90 -0.80	34.01 1.88 0.00	31.54 1.70 0.00	34.46 1.66 0.00
ASTORIA___3 23516	46.01 2.13 0.00	43.43 1.73 0.00	42.20 1.59 0.00	41.44 1.54 0.00	41.60 1.57 0.00	38.51 1.79 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.27 2.44 -1.28	39.33 2.27 0.00	44.64 2.66 0.00	41.69 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.09 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.39 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.66 1.86 0.00
ASTORIA___4 23517	46.02 2.13 0.00	43.41 1.71 0.00	42.22 1.61 0.00	41.47 1.57 0.00	41.60 1.56 0.00	38.52 1.80 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.26 2.43 -1.28	39.32 2.27 0.00	44.64 2.66 0.00	41.68 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.40 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.68 1.84 0.00	34.66 1.86 0.00
ASTORIA___5 23518	46.01 2.13 0.00	43.43 1.73 0.00	42.20 1.59 0.00	41.44 1.54 0.00	41.60 1.57 0.00	38.51 1.79 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.27 2.44 -1.28	39.32 2.26 0.00	44.64 2.66 0.00	41.69 2.51 0.00	42.02 2.58 0.00	36.64 2.12 0.00	35.09 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.39 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.66 1.86 0.00
AST_ENERGY_2_CC3 323677	45.35 1.46 0.00	42.70 1.00 0.00	41.43 0.82 0.00	40.83 0.94 0.00	40.94 0.91 0.00	38.09 1.38 0.00	42.23 1.49 0.00	41.09 1.99 -0.10	40.87 2.04 -1.28	38.97 1.92 0.00	44.04 2.07 0.00	40.97 1.79 0.00	41.37 1.93 0.00	36.05 1.53 0.00	34.51 1.44 0.00	35.64 1.42 0.00	38.11 1.56 -0.46	34.59 1.55 -0.78	36.82 1.60 -2.01	34.50 1.42 -4.62	32.24 1.55 -0.80	33.64 1.51 0.00	31.20 1.35 0.00	34.08 1.28 0.00
AST_ENERGY_2_CC4 323678	45.35 1.46 0.00	42.70 1.00 0.00	41.43 0.82 0.00	40.83 0.94 0.00	40.94 0.91 0.00	38.09 1.38 0.00	42.23 1.49 0.00	41.09 1.99 -0.10	40.87 2.04 -1.28	38.97 1.92 0.00	44.04 2.07 0.00	40.97 1.79 0.00	41.37 1.93 0.00	36.05 1.53 0.00	34.51 1.44 0.00	35.64 1.42 0.00	38.11 1.56 -0.46	34.59 1.55 -0.78	36.82 1.60 -2.01	34.50 1.42 -4.62	32.24 1.55 -0.80	33.64 1.51 0.00	31.20 1.35 0.00	34.08 1.28 0.00



ATHENS_STG_1 23668	45.03 1.14 0.00	42.67 0.97 0.00	41.58 0.97 0.00	40.81 0.91 0.00	40.96 0.92 0.00	37.62 0.91 0.00	41.76 1.02 0.00	40.06 1.06 0.00	38.63 1.07 0.00	38.08 1.02 0.00	43.20 1.22 0.00	40.32 1.14 0.00	40.60 1.16 0.00	35.49 0.97 0.00	34.00 0.94 0.00	35.16 0.94 0.00	37.65 1.05 -0.51	34.11 0.99 -0.85	36.47 1.06 -2.20	34.44 0.92 -5.07	31.77 1.00 -0.88	33.10 0.97 0.00	30.77 0.92 0.00	33.73 0.93 0.00
ATHENS_STG_2 23670	45.03 1.14 0.00	42.67 0.97 0.00	41.58 0.97 0.00	40.81 0.91 0.00	40.96 0.92 0.00	37.62 0.91 0.00	41.76 1.02 0.00	40.06 1.06 0.00	38.63 1.07 0.00	38.08 1.02 0.00	43.20 1.22 0.00	40.32 1.14 0.00	40.60 1.16 0.00	35.49 0.97 0.00	34.00 0.94 0.00	35.16 0.94 0.00	37.65 1.05 -0.51	34.11 0.99 -0.85	36.47 1.06 -2.20	34.44 0.92 -5.07	31.77 1.00 -0.88	33.10 0.97 0.00	30.77 0.92 0.00	33.73 0.93 0.00
ATHENS_STG_3 23677	45.03 1.14 0.00	42.67 0.97 0.00	41.58 0.97 0.00	40.81 0.91 0.00	40.96 0.92 0.00	37.62 0.91 0.00	41.76 1.02 0.00	40.06 1.06 0.00	38.63 1.07 0.00	38.08 1.02 0.00	43.20 1.22 0.00	40.32 1.14 0.00	40.60 1.16 0.00	35.49 0.97 0.00	34.00 0.94 0.00	35.16 0.94 0.00	37.65 1.05 -0.51	34.11 0.99 -0.85	36.47 1.06 -2.20	34.44 0.92 -5.07	31.77 1.00 -0.88	33.10 0.97 0.00	30.77 0.92 0.00	33.73 0.93 0.00
AUBURN___LFGE 323710	43.70 -0.19 0.00	41.62 -0.08 0.00	40.32 -0.29 0.00	39.80 -0.10 0.00	39.95 -0.09 0.00	36.42 -0.29 0.00	40.44 -0.30 0.00	38.64 -0.36 0.00	37.17 -0.39 0.00	36.62 -0.43 0.00	41.45 -0.52 0.00	38.68 -0.49 0.00	39.01 -0.43 0.00	34.16 -0.36 0.00	32.62 -0.44 0.00	33.90 -0.33 0.00	35.83 -0.33 -0.06	32.09 -0.27 -0.10	33.24 -0.23 -0.26	28.88 -0.16 -0.59	29.92 -0.07 -0.10	32.14 0.01 0.00	29.76 -0.08 0.00	32.78 -0.02 0.00
BABYLON_RES_REC 323704	46.27 2.38 0.00	43.48 1.78 0.00	42.11 1.50 0.00	41.38 1.48 0.00	41.63 1.60 0.00	38.69 1.98 0.00	42.79 2.05 0.00	41.05 2.06 0.00	39.60 2.01 -0.03	39.38 2.09 -0.23	60.34 2.95 -15.41	42.27 3.08 0.00	42.54 3.09 -0.01	36.86 2.34 0.00	35.04 1.97 0.00	36.29 1.87 -0.19	38.66 2.05 -0.52	35.17 2.08 -0.82	37.47 2.19 -2.06	35.05 1.98 -4.62	32.86 2.17 -0.80	34.47 2.34 0.00	32.03 2.18 0.00	35.06 2.26 0.00
BALL_HILL_WT_PWR 323825	43.13 -0.76 0.00	41.35 -0.35 0.00	40.04 -0.57 0.00	39.58 -0.31 0.00	39.62 -0.42 0.00	35.52 -1.20 0.00	39.48 -1.26 0.00	37.22 -1.77 0.00	35.46 -2.10 0.00	35.08 -1.97 0.00	39.53 -2.44 0.00	36.78 -2.40 0.00	36.65 -2.80 0.00	31.98 -2.55 0.00	30.51 -2.55 0.00	31.56 -2.66 0.00	33.39 -2.78 -0.08	29.88 -2.52 -0.13	30.80 -2.75 -0.33	26.98 -2.27 -0.80	27.94 -2.09 -0.14	29.87 -2.26 0.00	27.88 -1.97 0.00	31.12 -1.68 0.00
BARON_WINDS___WT_PWR 323822	42.25 -1.64 0.00	40.39 -1.31 0.00	39.36 -1.24 0.00	38.89 -1.01 0.00	38.93 -1.11 0.00	35.34 -1.38 0.00	39.56 -1.18 0.00	37.59 -1.40 0.00	35.95 -1.61 0.00	35.59 -1.47 0.00	40.12 -1.86 0.00	37.30 -1.88 0.00	37.29 -2.15 0.00	32.52 -2.54 0.00	30.67 -2.39 0.00	31.50 -2.72 0.00	33.37 -2.83 -0.11	29.79 -2.62 -0.14	30.79 -2.80 -0.37	27.26 -2.27 -1.08	27.85 -2.23 -0.19	29.66 -2.47 0.00	27.65 -2.20 0.00	30.68 -2.12 0.00
BARRETT_IC_1 23704	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_10 23701	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_11 23702	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_12 23703	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_2 23705	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_3 23706	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_4 23707	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_5 23708	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00



BARRETT_IC_6 23709	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_7 23710	45.95 2.07 0.00	43.24 1.54 0.00	41.95 1.34 0.00	41.20 1.30 0.00	41.41 1.38 0.00	38.41 1.69 0.00	42.49 1.75 0.00	40.61 1.61 0.00	39.18 1.62 0.00	38.74 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.14 2.70 -0.01	36.53 2.01 0.00	34.74 1.68 0.00	35.82 1.59 0.00	38.25 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 1.99 0.00	31.75 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_8 23711	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT_IC_9 23700	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT___1 23545	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BARRETT___2 23546	45.96 2.07 0.00	43.26 1.56 0.00	41.93 1.32 0.00	41.20 1.30 0.00	41.42 1.38 0.00	38.40 1.68 0.00	42.48 1.74 0.00	40.61 1.62 0.00	39.18 1.62 0.00	38.73 1.68 0.00	60.15 2.44 -15.73	41.87 2.69 0.00	42.15 2.70 -0.01	36.53 2.01 0.00	34.74 1.67 0.00	35.81 1.59 0.00	38.24 1.69 -0.47	34.78 1.74 -0.78	37.03 1.81 -2.01	34.71 1.64 -4.62	32.56 1.86 -0.80	34.12 2.00 0.00	31.74 1.90 0.00	34.74 1.94 0.00
BATAVIA___115KV_TB1 55881	44.18 0.29 0.00	42.45 0.75 0.00	41.09 0.49 0.00	40.51 0.61 0.00	40.55 0.52 0.00	36.42 -0.30 0.00	40.40 -0.34 0.00	38.23 -0.77 0.00	36.56 -1.00 0.00	36.13 -0.92 0.00	40.70 -1.28 0.00	38.16 -1.02 0.00	38.04 -1.40 0.00	33.37 -1.15 0.00	31.88 -1.19 0.00	32.99 -1.24 0.00	35.13 -1.03 -0.07	31.47 -0.91 -0.10	32.37 -1.12 -0.27	28.24 -0.86 -0.65	29.27 -0.73 -0.11	31.34 -0.79 0.00	29.22 -0.62 0.00	32.51 -0.29 0.00
BAYONEEC___CTG1 323682	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG10 323750	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG2 323683	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG3 323684	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG4 323685	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG5 323686	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG6 323687	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG7 323688	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00



BAYONEEC___CTG8 323689	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BAYONEEC___CTG9 323749	45.97 2.08 0.00	43.35 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.48 0.00	38.43 1.71 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.14 2.29 -1.29	39.30 2.24 0.00	44.62 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.21 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.88 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.61 1.80 0.00
BEACON___LESR 323632	45.47 1.58 0.00	43.01 1.31 0.00	41.87 1.26 0.00	41.09 1.19 0.00	41.27 1.23 0.00	38.00 1.28 0.00	42.32 1.59 0.00	40.51 1.52 0.00	39.01 1.45 0.00	38.50 1.45 0.00	43.58 1.59 0.00	40.62 1.44 0.00	40.81 1.36 0.00	35.77 1.25 0.00	34.24 1.18 0.00	35.50 1.27 0.00	38.13 1.47 -0.56	34.49 1.28 -0.94	36.99 1.34 -2.44	35.21 1.14 -5.61	32.13 1.26 -0.98	33.33 1.20 0.00	30.99 1.15 0.00	34.13 1.32 0.00
BEAVER RIVER___HYD 24048	44.13 0.25 0.00	41.94 0.24 0.00	40.64 0.03 0.00	39.85 -0.05 0.00	39.97 -0.07 0.00	36.59 -0.12 0.00	40.49 -0.24 0.00	38.64 -0.35 0.00	37.36 -0.20 0.00	37.09 0.03 0.00	42.23 0.25 0.00	39.48 0.30 0.00	39.74 0.30 0.00	34.98 0.46 0.00	33.48 0.41 0.00	34.63 0.41 0.00	35.87 -0.23 -0.02	31.36 -0.93 -0.03	32.37 -0.92 -0.08	27.43 -1.21 -0.19	29.01 -0.91 -0.03	31.90 -0.22 0.00	29.25 -0.59 0.00	31.97 -0.84 0.00
BEEBEE_GT_13 23619	43.62 -0.26 0.00	41.76 0.06 0.00	40.50 -0.11 0.00	39.90 0.00 0.00	39.97 -0.07 0.00	36.21 -0.50 0.00	40.18 -0.56 0.00	38.15 -0.85 0.00	36.56 -1.00 0.00	36.16 -0.90 0.00	40.87 -1.11 0.00	38.23 -0.95 0.00	38.32 -1.12 0.00	33.57 -0.95 0.00	32.13 -0.94 0.00	33.23 -0.99 0.00	35.24 -0.91 -0.05	31.54 -0.81 -0.09	32.51 -0.94 -0.24	28.26 -0.74 -0.55	29.31 -0.68 -0.09	31.43 -0.69 0.00	29.27 -0.58 0.00	32.37 -0.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.13 2.24 0.00	43.55 1.85 0.00	42.38 1.78 0.00	41.62 1.72 0.00	41.76 1.73 0.00	38.69 1.97 0.00	43.04 2.30 0.00	41.59 2.50 -0.10	41.52 2.69 -1.28	39.45 2.39 0.00	44.79 2.81 0.00	41.82 2.64 0.00	42.16 2.71 0.00	36.75 2.23 0.00	35.21 2.14 0.00	36.35 2.13 0.00	38.93 2.38 -0.47	35.29 2.25 -0.78	37.56 2.35 -2.01	35.13 2.06 -4.62	32.88 2.19 -0.80	34.28 2.15 0.00	31.81 1.96 0.00	34.84 2.04 0.00
BETHLEHEM___GRP 23843	44.78 0.90 0.00	42.49 0.79 0.00	41.41 0.80 0.00	40.63 0.74 0.00	40.82 0.79 0.00	37.55 0.84 0.00	41.61 0.88 0.00	39.88 0.89 0.00	38.45 0.89 0.00	37.89 0.83 0.00	42.84 0.87 0.00	39.98 0.80 0.00	40.26 0.81 0.00	35.22 0.70 0.00	33.76 0.69 0.00	34.92 0.69 0.00	37.45 0.79 -0.56	33.92 0.72 -0.94	36.41 0.76 -2.44	34.71 0.65 -5.62	31.57 0.70 -0.98	32.80 0.68 0.00	30.54 0.69 0.00	33.57 0.77 0.00
BETHLEHEM___GS1 323560	44.79 0.90 0.00	42.49 0.80 0.00	41.40 0.79 0.00	40.63 0.74 0.00	40.83 0.79 0.00	37.55 0.83 0.00	41.62 0.88 0.00	39.88 0.88 0.00	38.45 0.89 0.00	37.88 0.83 0.00	42.84 0.87 0.00	39.98 0.80 0.00	40.26 0.81 0.00	35.22 0.70 0.00	33.76 0.69 0.00	34.92 0.70 0.00	37.45 0.79 -0.56	33.92 0.71 -0.94	36.41 0.76 -2.44	34.71 0.65 -5.62	31.57 0.70 -0.98	32.80 0.68 0.00	30.54 0.69 0.00	33.57 0.77 0.00
BETHLEHEM___GS2 323561	44.79 0.90 0.00	42.49 0.80 0.00	41.40 0.79 0.00	40.63 0.74 0.00	40.83 0.79 0.00	37.55 0.83 0.00	41.62 0.88 0.00	39.88 0.88 0.00	38.45 0.89 0.00	37.88 0.83 0.00	42.84 0.87 0.00	39.98 0.80 0.00	40.26 0.81 0.00	35.22 0.70 0.00	33.76 0.69 0.00	34.92 0.70 0.00	37.45 0.79 -0.56	33.92 0.71 -0.94	36.41 0.76 -2.44	34.71 0.65 -5.62	31.57 0.70 -0.98	32.80 0.68 0.00	30.54 0.69 0.00	33.57 0.77 0.00
BETHLEHEM___GS3 323562	44.79 0.90 0.00	42.49 0.80 0.00	41.40 0.79 0.00	40.63 0.74 0.00	40.83 0.79 0.00	37.55 0.83 0.00	41.62 0.88 0.00	39.88 0.88 0.00	38.45 0.89 0.00	37.88 0.83 0.00	42.84 0.87 0.00	39.98 0.80 0.00	40.26 0.81 0.00	35.22 0.70 0.00	33.76 0.69 0.00	34.92 0.70 0.00	37.45 0.79 -0.56	33.92 0.71 -0.94	36.41 0.76 -2.44	34.71 0.65 -5.62	31.57 0.70 -0.98	32.80 0.68 0.00	30.54 0.69 0.00	33.57 0.77 0.00
BETHLEHEM___STEEL 23779	43.41 -0.48 0.00	41.73 0.03 0.00	40.40 -0.21 0.00	39.88 -0.01 0.00	39.87 -0.16 0.00	35.74 -0.97 0.00	39.66 -1.08 0.00	37.40 -1.59 0.00	35.68 -1.88 0.00	35.35 -1.70 0.00	39.89 -2.08 0.00	37.27 -1.91 0.00	37.26 -2.19 0.00	32.45 -2.08 0.00	30.91 -2.15 0.00	31.93 -2.29 0.00	33.90 -2.27 -0.08	30.35 -2.04 -0.12	31.26 -2.27 -0.32	27.38 -1.85 -0.78	28.34 -1.68 -0.14	30.32 -1.81 0.00	28.32 -1.53 0.00	31.60 -1.20 0.00
BETHLHEM_115KV_TB1 79974	44.82 0.93 0.00	42.52 0.82 0.00	41.43 0.83 0.00	40.67 0.77 0.00	40.85 0.81 0.00	37.56 0.85 0.00	41.63 0.90 0.00	39.90 0.91 0.00	38.47 0.91 0.00	37.90 0.85 0.00	42.88 0.90 0.00	40.02 0.84 0.00	40.29 0.85 0.00	35.25 0.73 0.00	33.78 0.72 0.00	34.94 0.72 0.00	37.48 0.82 -0.56	33.95 0.75 -0.94	36.44 0.79 -2.44	34.74 0.67 -5.61	31.60 0.74 -0.98	32.84 0.71 0.00	30.57 0.72 0.00	33.59 0.79 0.00
BETHPAGE_CC_5 323564	46.10 2.21 0.00	43.36 1.66 0.00	42.01 1.40 0.00	41.28 1.39 0.00	41.51 1.48 0.00	38.55 1.83 0.00	42.63 1.89 0.00	40.88 1.89 0.00	39.37 1.81 0.00	38.93 1.87 -16.40	61.05 2.67 0.00	41.94 2.76 0.00	42.20 2.75 -0.01	36.58 2.05 0.00	34.80 1.74 0.00	35.85 1.63 0.00	38.37 1.81 -0.47	34.90 1.86 -0.78	37.17 1.95 -2.01	34.85 1.78 -4.62	32.65 1.96 -0.80	34.29 2.16 0.00	31.87 2.03 0.00	34.90 2.10 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.52 -0.37 0.00	41.82 0.12 0.00	40.49 -0.12 0.00	39.98 0.08 0.00	39.98 -0.05 0.00	35.85 -0.86 0.00	39.79 -0.95 0.00	37.55 -1.45 0.00	35.81 -1.75 0.00	35.48 -1.57 0.00	40.06 -1.93 0.00	37.41 -1.77 0.00	37.41 -2.03 0.00	32.55 -1.97 0.00	31.02 -2.05 0.00	32.05 -2.17 0.00	34.01 -2.16 -0.08	30.45 -1.95 -0.13	31.36 -2.18 -0.33	27.46 -1.78 -0.79	28.42 -1.61 -0.14	30.40 -1.73 0.00	28.38 -1.46 0.00	31.66 -1.14 0.00
BINGHAMTON___COGEN 23790	43.55 -0.34 0.00	41.44 -0.25 0.00	40.33 -0.27 0.00	39.68 -0.22 0.00	39.78 -0.26 0.00	36.33 -0.38 0.00	40.43 -0.31 0.00	38.61 -0.39 0.00	37.12 -0.43 0.00	36.66 -0.40 0.00	41.49 -0.49 0.00	38.72 -0.46 0.00	38.98 -0.47 0.00	34.12 -0.40 0.00	32.59 -0.48 0.00	33.80 -0.42 0.00	35.73 -0.51 -0.16	32.07 -0.46 -0.26	33.41 -0.47 -0.67	29.61 -0.39 -1.54	29.87 -0.29 -0.27	31.77 -0.36 0.00	29.56 -0.29 0.00	32.53 -0.27 0.00



BIXINCNT_115KV_LOAD 355685	43.44 -0.44 0.00	41.70 0.00 0.00	40.45 -0.16 0.00	40.07 0.18 0.00	40.28 0.24 0.00	36.17 -0.55 0.00	40.18 -0.56 0.00	37.99 -1.01 0.00	36.07 -1.49 0.00	35.74 -1.31 0.00	40.28 -1.70 0.00	37.53 -1.65 0.00	37.38 -2.06 0.00	31.78 -2.74 0.00	30.35 -2.71 0.00	31.41 -2.81 0.00	33.16 -3.01 -0.08	29.56 -2.85 -0.14	30.45 -3.12 -0.36	26.67 -2.62 -0.85	27.49 -2.55 -0.15	29.38 -2.75 0.00	27.43 -2.42 0.00	30.60 -2.20 0.00
BLACK RIVER___HYD 24047	43.79 -0.09 0.00	41.48 -0.21 0.00	40.22 -0.39 0.00	39.43 -0.46 0.00	39.64 -0.40 0.00	36.47 -0.25 0.00	40.44 -0.30 0.00	38.60 -0.40 0.00	37.41 -0.15 0.00	37.02 -0.04 0.00	42.14 0.16 0.00	39.49 0.31 0.00	39.70 0.26 0.00	35.10 0.58 0.00	33.56 0.49 0.00	34.80 0.57 0.00	36.11 -0.01 -0.03	31.39 -0.92 -0.04	32.38 -0.94 -0.11	27.68 -1.03 -0.25	29.17 -0.77 -0.04	31.93 -0.19 0.00	29.37 -0.48 0.00	31.96 -0.84 0.00
BLACKRVR_115KV_TB2 79977	43.79 -0.09 0.00	41.49 -0.21 0.00	40.21 -0.39 0.00	39.44 -0.46 0.00	39.64 -0.40 0.00	36.47 -0.25 0.00	40.44 -0.30 0.00	38.60 -0.40 0.00	37.41 -0.15 0.00	37.02 -0.04 0.00	42.14 0.16 0.00	39.49 0.31 0.00	39.70 0.26 0.00	35.10 0.58 0.00	33.56 0.49 0.00	34.80 0.57 0.00	36.11 -0.01 -0.03	31.39 -0.92 -0.04	32.38 -0.94 -0.11	27.68 -1.03 -0.25	29.17 -0.77 -0.04	31.94 -0.19 0.00	29.37 -0.48 0.00	31.96 -0.84 0.00
BLDWN_LI_69_KV_BK4 356085	46.32 2.44 0.00	43.56 1.86 0.00	42.23 1.62 0.00	41.48 1.58 0.00	41.70 1.67 0.00	38.71 2.00 0.00	42.86 2.12 0.00	41.06 2.06 0.00	39.60 2.04 0.00	39.15 2.09 0.00	63.50 2.89 -18.63	42.19 3.01 0.00	42.46 3.00 -0.01	36.85 2.33 0.00	35.06 1.99 0.00	36.14 1.92 0.00	38.66 2.11 -0.47	35.17 2.12 -0.78	37.44 2.22 -2.01	35.06 1.99 -4.62	32.88 2.19 -0.80	34.46 2.33 0.00	32.02 2.18 0.00	35.04 2.24 0.00
BLISS_WT_PWR 323608	43.36 -0.53 0.00	41.59 -0.11 0.00	40.38 -0.23 0.00	40.07 0.18 0.00	40.30 0.26 0.00	36.25 -0.46 0.00	40.22 -0.52 0.00	38.03 -0.96 0.00	36.07 -1.48 0.00	35.73 -1.32 0.00	40.23 -1.75 0.00	37.46 -1.72 0.00	37.29 -2.16 0.00	31.47 -3.05 0.00	30.05 -3.02 0.00	31.11 -3.11 0.00	32.83 -3.35 -0.08	29.23 -3.18 -0.14	30.09 -3.48 -0.36	26.35 -2.94 -0.85	27.14 -2.90 -0.15	29.00 -3.13 0.00	27.07 -2.79 0.00	30.20 -2.60 0.00
BLUESTONE___WT_PWR 323821	43.62 -0.26 0.00	41.87 0.17 0.00	40.97 0.36 0.00	40.14 0.25 0.00	40.30 0.26 0.00	37.21 0.49 0.00	41.30 0.56 0.00	39.54 0.54 0.00	38.12 0.56 0.00	37.44 0.38 0.00	42.73 0.75 0.00	39.36 0.19 0.00	39.88 0.44 0.00	35.16 0.64 0.00	33.67 0.60 0.00	35.15 0.93 0.00	36.87 0.61 -0.17	31.87 -0.68 -0.28	33.09 -0.85 -0.72	29.40 -0.71 -1.66	29.52 -0.66 -0.29	31.66 -0.47 0.00	29.24 -0.61 0.00	31.98 -0.82 0.00
BLUE_CIRC_CHEM_DRP 24182	45.20 1.31 0.00	42.91 1.22 0.00	41.83 1.23 0.00	41.07 1.17 0.00	41.24 1.20 0.00	37.87 1.16 0.00	41.98 1.24 0.00	40.19 1.19 0.00	38.70 1.15 0.00	38.13 1.07 0.00	43.14 1.17 0.00	40.22 1.05 0.00	40.47 1.03 0.00	35.45 0.93 0.00	33.98 0.92 0.00	35.17 0.95 0.00	37.71 1.06 -0.56	34.16 0.97 -0.93	36.63 1.01 -2.41	34.85 0.86 -5.54	31.80 0.95 -0.96	33.08 0.95 0.00	30.79 0.94 0.00	33.82 1.02 0.00
BOC_GAS_DRP 24189	44.81 0.92 0.00	42.52 0.82 0.00	41.44 0.84 0.00	40.68 0.79 0.00	40.84 0.80 0.00	37.51 0.79 0.00	41.59 0.85 0.00	39.85 0.86 0.00	38.41 0.85 0.00	37.87 0.81 0.00	42.90 0.92 0.00	40.04 0.86 0.00	40.30 0.86 0.00	35.26 0.74 0.00	33.79 0.72 0.00	34.95 0.73 0.00	37.46 0.81 -0.56	33.94 0.74 -0.94	36.43 0.79 -2.43	34.73 0.68 -5.60	31.62 0.75 -0.97	32.86 0.73 0.00	30.57 0.72 0.00	33.57 0.77 0.00
BOONVILLE_115KV_TB1 79983	44.64 0.75 0.00	42.41 0.72 0.00	41.20 0.59 0.00	40.45 0.55 0.00	40.63 0.59 0.00	37.30 0.59 0.00	41.39 0.66 0.00	39.61 0.61 0.00	38.23 0.67 0.00	37.79 0.73 0.00	42.86 0.88 0.00	40.06 0.88 0.00	40.33 0.89 0.00	35.41 0.89 0.00	33.93 0.86 0.00	35.07 0.85 0.00	36.72 0.61 -0.02	32.47 0.17 -0.03	33.52 0.24 -0.07	28.61 0.00 -0.16	30.06 0.15 -0.03	32.60 0.47 0.00	30.03 0.19 0.00	32.87 0.06 0.00
BORALEX_4TH_BRANCH 23824	46.47 2.59 0.00	44.03 2.33 0.00	42.87 2.26 0.00	42.05 2.15 0.00	42.30 2.26 0.00	38.88 2.17 0.00	43.18 2.45 0.00	41.27 2.28 0.00	39.76 2.21 0.00	39.13 2.08 0.00	44.34 2.36 0.00	41.33 2.14 0.00	41.57 2.13 0.00	36.36 1.84 0.00	34.88 1.81 0.00	36.09 1.87 0.00	38.63 1.98 -0.56	35.01 1.80 -0.94	37.54 1.89 -2.44	35.64 1.58 -5.61	32.64 1.77 -0.98	33.90 1.77 0.00	31.51 1.67 0.00	34.59 1.78 0.00
BOWLINE___1 23526	45.55 1.66 0.00	42.97 1.27 0.00	41.77 1.16 0.00	41.02 1.12 0.00	41.19 1.16 0.00	38.07 1.35 0.00	42.40 1.67 0.00	40.79 1.79 0.00	39.36 1.80 0.00	38.78 1.72 0.00	44.03 2.06 0.00	41.09 1.92 0.00	41.40 1.96 0.00	36.11 1.59 0.00	34.59 1.53 0.00	35.77 1.55 0.00	38.31 1.76 -0.45	34.70 1.68 -0.75	36.93 1.77 -1.95	34.48 1.55 -4.49	32.32 1.64 -0.78	33.74 1.61 0.00	31.33 1.48 0.00	34.28 1.48 0.00
BOWLINE___2 23595	45.55 1.66 0.00	42.96 1.26 0.00	41.76 1.16 0.00	41.00 1.11 0.00	41.18 1.14 0.00	38.06 1.34 0.00	42.39 1.66 0.00	40.78 1.79 0.00	39.35 1.79 0.00	38.77 1.71 0.00	44.01 2.03 0.00	41.08 1.91 0.00	41.39 1.95 0.00	36.11 1.59 0.00	34.59 1.52 0.00	35.77 1.54 0.00	38.28 1.74 -0.45	34.70 1.68 -0.75	36.92 1.76 -1.95	34.47 1.53 -4.49	32.31 1.63 -0.78	33.73 1.60 0.00	31.31 1.47 0.00	34.26 1.46 0.00
BRADY___115KV_TB2 356060	45.52 1.64 0.00	43.97 2.28 0.00	42.57 1.97 0.00	41.83 1.93 0.00	41.83 1.79 0.00	37.71 1.00 0.00	41.78 1.04 0.00	39.75 0.76 0.00	37.81 0.25 0.00	37.68 0.62 0.00	42.71 0.73 0.00	39.40 0.22 0.00	39.67 0.22 0.00	34.78 0.26 0.00	33.28 0.21 0.00	34.37 0.14 0.00	36.10 0.01 0.00	32.62 0.35 0.00	33.58 0.37 0.00	27.93 -0.52 0.00	29.68 -0.21 0.00	32.42 0.30 0.00	30.09 0.24 0.00	33.25 0.45 0.00
BRANSCOMB___SOLAR 323811	46.06 2.17 0.00	43.64 1.94 0.00	42.48 1.87 0.00	41.71 1.82 0.00	41.93 1.89 0.00	38.53 1.81 0.00	42.85 2.11 0.00	41.07 2.08 0.00	39.58 2.02 0.00	38.98 1.93 0.00	44.14 2.16 0.00	41.16 1.98 0.00	41.41 1.97 0.00	36.13 1.61 0.00	34.72 1.65 0.00	35.99 1.76 0.00	38.60 1.93 -0.58	34.99 1.75 -0.97	37.54 1.81 -2.51	35.73 1.49 -5.80	32.46 1.56 -1.01	33.67 1.54 0.00	31.25 1.40 0.00	34.31 1.51 0.00
BRDGHMPT_69_KV_BK1 55812	45.69 1.80 0.00	42.79 1.09 0.00	41.42 0.81 0.00	40.73 0.83 0.00	40.94 0.90 0.00	38.34 1.63 0.00	42.22 1.48 0.00	40.57 1.58 0.00	39.30 1.59 -0.15	40.14 1.75 -1.34	58.14 2.64 -13.52	42.14 2.96 0.00	42.38 2.94 -0.01	36.73 2.21 0.00	34.87 1.80 0.00	36.99 1.63 -1.13	38.60 1.70 -0.81	35.20 1.91 -1.02	37.60 2.05 -2.33	35.00 1.93 -4.62	32.80 2.10 -0.80	34.51 2.38 0.00	32.06 2.21 0.00	35.27 2.47 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	46.55 2.66 0.00	43.71 2.01 0.00	42.32 1.72 0.00	41.59 1.70 0.00	41.88 1.84 0.00	38.93 2.22 0.00	43.02 2.28 0.00	41.22 2.22 0.00	39.88 2.19 -0.13	40.54 2.32 -1.16	59.19 3.23 -13.98	42.58 3.40 0.00	42.88 3.43 -0.01	37.14 2.62 0.00	35.22 2.15 0.00	37.33 2.12 -0.98	39.12 2.27 -0.76	35.53 2.28 -0.99	37.88 2.38 -2.29	35.24 2.16 -4.62	33.07 2.37 -0.80	34.66 2.53 0.00	32.21 2.36 0.00	35.29 2.49 0.00
BRISTLHL_115KV_TB1 79998	42.47 -1.42 0.00	40.38 -1.32 0.00	39.31 -1.29 0.00	38.65 -1.25 0.00	38.77 -1.27 0.00	35.55 -1.17 0.00	39.42 -1.32 0.00	37.71 -1.29 0.00	36.32 -1.24 0.00	35.84 -1.21 0.00	40.59 -1.39 0.00	37.89 -1.29 0.00	38.18 -1.26 0.00	33.47 -1.05 0.00	32.04 -1.03 0.00	33.20 -1.03 0.00	35.01 -1.12 -0.04	31.32 -1.01 -0.06	32.30 -1.08 -0.17	27.97 -0.86 -0.38	29.12 -0.84 -0.07	31.35 -0.78 0.00	29.14 -0.71 0.00	31.99 -0.81 0.00
BROOKHAVEN___DRP 24191	46.06 2.17 0.00	43.20 1.50 0.00	41.83 1.23 0.00	41.16 1.26 0.00	41.37 1.33 0.00	38.62 1.90 0.00	42.53 1.79 0.00	40.81 1.82 0.00	39.51 1.80 -0.15	40.30 1.88 -1.36	58.30 2.81 -13.51	42.24 3.06 0.00	42.52 3.08 -0.01	36.85 2.33 0.00	34.97 1.90 0.00	37.09 1.73 -1.14	38.63 1.72 -0.81	35.16 1.87 -1.02	37.54 2.00 -2.34	35.02 1.95 -4.62	32.85 2.15 -0.80	34.54 2.41 0.00	32.10 2.26 0.00	35.17 2.37 0.00
BROOKLYN_NAVY_YARD 23515	45.80 1.92 0.00	43.21 1.51 0.00	41.99 1.38 0.00	41.24 1.34 0.00	41.40 1.36 0.00	38.32 1.61 0.00	42.74 2.01 0.00	41.31 2.21 -0.10	41.06 2.21 -1.29	39.23 2.17 0.00	44.52 2.54 0.00	41.59 2.41 0.00	41.91 2.47 0.00	36.55 2.03 0.00	34.99 1.92 0.00	36.14 1.92 0.00	38.70 2.15 -0.47	35.05 2.00 -0.78	37.28 2.07 -2.01	34.86 1.78 -4.62	32.61 1.92 -0.80	34.01 1.88 0.00	31.55 1.70 0.00	34.49 1.69 0.00
BROOKLYN___ARMY_DRP 323595	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
BROOME_2_LFGE 323671	43.55 -0.34 0.00	41.44 -0.25 0.00	40.33 -0.28 0.00	39.68 -0.22 0.00	39.78 -0.26 0.00	36.34 -0.38 0.00	40.43 -0.31 0.00	38.61 -0.39 0.00	37.12 -0.44 0.00	36.66 -0.40 0.00	41.49 -0.49 0.00	38.72 -0.46 0.00	38.98 -0.47 0.00	34.12 -0.40 0.00	32.59 -0.48 0.00	33.80 -0.42 0.00	35.73 -0.52 -0.16	32.07 -0.46 -0.26	33.41 -0.47 -0.67	29.60 -0.39 -1.54	29.86 -0.30 -0.27	31.77 -0.36 0.00	29.56 -0.29 0.00	32.53 -0.27 0.00
BROOME___LFGE 323600	43.55 -0.34 0.00	41.44 -0.25 0.00	40.33 -0.28 0.00	39.68 -0.22 0.00	39.78 -0.26 0.00	36.34 -0.38 0.00	40.43 -0.31 0.00	38.61 -0.39 0.00	37.12 -0.44 0.00	36.66 -0.40 0.00	41.49 -0.49 0.00	38.72 -0.46 0.00	38.98 -0.47 0.00	34.12 -0.40 0.00	32.59 -0.48 0.00	33.80 -0.42 0.00	35.73 -0.52 -0.16	32.07 -0.46 -0.26	33.41 -0.47 -0.67	29.60 -0.39 -1.54	29.86 -0.30 -0.27	31.77 -0.36 0.00	29.56 -0.29 0.00	32.53 -0.27 0.00
BROWNFLS_115KV_TB_3_5 80003	44.40 0.51 0.00	42.51 0.81 0.00	41.17 0.56 0.00	40.37 0.48 0.00	40.35 0.31 0.00	36.60 -0.11 0.00	40.43 -0.30 0.00	38.54 -0.46 0.00	37.05 -0.51 0.00	36.92 -0.13 0.00	42.10 0.12 0.00	39.17 -0.01 0.00	39.41 -0.03 0.00	34.53 0.02 0.00	33.06 -0.01 0.00	34.17 -0.06 0.00	35.42 -0.68 -0.01	31.38 -0.91 -0.02	32.32 -0.95 -0.06	27.17 -1.42 -0.14	28.78 -1.14 -0.02	31.71 -0.42 0.00	29.25 -0.59 0.00	32.19 -0.61 0.00
BROWNSV1_27_KV_LOAD 356125	46.38 2.49 0.00	43.72 2.02 0.00	42.50 1.89 0.00	41.73 1.83 0.00	41.87 1.83 0.00	38.76 2.05 0.00	43.23 2.49 0.00	41.77 2.67 -0.10	41.53 2.68 -1.29	39.66 2.61 0.00	45.05 3.07 0.00	42.07 2.89 0.00	42.38 2.94 0.00	36.97 2.45 0.00	35.39 2.32 0.00	36.55 2.33 0.00	39.14 2.59 -0.47	35.47 2.43 -0.78	37.71 2.50 -2.01	35.24 2.17 -4.62	33.00 2.30 -0.80	34.42 2.29 0.00	31.94 2.09 0.00	34.92 2.12 0.00
BURROWS___LYONSDAL 23803	44.46 0.57 0.00	42.22 0.52 0.00	40.99 0.38 0.00	40.21 0.31 0.00	40.40 0.36 0.00	37.09 0.37 0.00	41.13 0.40 0.00	39.33 0.33 0.00	38.00 0.44 0.00	37.60 0.54 0.00	42.66 0.68 0.00	39.89 0.71 0.00	40.16 0.72 0.00	35.29 0.77 0.00	33.81 0.74 0.00	34.96 0.74 0.00	36.49 0.39 -0.02	32.13 -0.17 -0.03	33.19 -0.09 -0.07	28.26 -0.35 -0.16	29.73 -0.18 -0.03	32.39 0.26 0.00	29.77 -0.08 0.00	32.55 -0.25 0.00
CAITHNESS_CC_1 323624	46.00 2.11 0.00	43.16 1.46 0.00	41.78 1.17 0.00	41.10 1.20 0.00	41.32 1.28 0.00	38.55 1.83 0.00	42.46 1.72 0.00	40.74 1.75 0.00	39.43 1.72 -0.16	40.22 1.79 -1.38	58.20 2.72 -13.50	42.14 2.96 0.00	42.43 2.98 -0.01	36.77 2.25 0.00	34.88 1.82 0.00	37.01 1.63 -1.16	38.52 1.61 -0.82	35.06 1.77 -1.02	37.45 1.90 -2.34	34.94 1.87 -4.62	32.77 2.08 -0.80	34.45 2.32 0.00	32.02 2.17 0.00	35.09 2.29 0.00
CALPINE BETH_PAGE_GT4 24209	46.08 2.20 0.00	43.36 1.66 0.00	42.03 1.42 0.00	41.29 1.39 0.00	41.51 1.47 0.00	38.55 1.84 0.00	42.63 1.89 0.00	40.88 1.88 0.00	39.31 1.75 0.00	38.88 1.82 0.00	62.05 2.58 -17.49	41.86 2.68 0.00	42.12 2.67 -0.01	36.53 2.01 0.00	34.77 1.71 0.00	35.82 1.60 0.00	38.34 1.79 -0.47	34.87 1.83 -0.78	37.14 1.92 -2.01	34.82 1.75 -4.62	32.61 1.92 -0.80	34.29 2.17 0.00	31.88 2.04 0.00	34.90 2.10 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.08 2.20 0.00	43.37 1.67 0.00	42.02 1.41 0.00	41.28 1.39 0.00	41.51 1.48 0.00	38.54 1.83 0.00	42.63 1.89 0.00	40.88 1.89 0.00	39.32 1.76 0.00	38.87 1.82 0.00	62.06 2.59 -17.49	41.86 2.67 0.00	42.12 2.67 -0.01	36.53 2.01 0.00	34.77 1.71 0.00	35.82 1.60 0.00	38.34 1.79 -0.47	34.87 1.83 -0.78	37.14 1.92 -2.01	34.82 1.75 -4.62	32.62 1.92 -0.80	34.29 2.16 0.00	31.88 2.03 0.00	34.90 2.10 0.00
CALPINE_BP_GT1 23823	46.08 2.20 0.00	43.37 1.67 0.00	42.02 1.41 0.00	41.28 1.39 0.00	41.51 1.48 0.00	38.54 1.83 0.00	42.63 1.89 0.00	40.88 1.89 0.00	39.32 1.76 0.00	38.87 1.82 0.00	62.06 2.59 -17.49	41.86 2.67 0.00	42.12 2.67 -0.01	36.53 2.01 0.00	34.77 1.71 0.00	35.82 1.60 0.00	38.34 1.79 -0.47	34.87 1.83 -0.78	37.14 1.92 -2.01	34.82 1.75 -4.62	32.62 1.92 -0.80	34.29 2.16 0.00	31.88 2.03 0.00	34.90 2.10 0.00
CALSPAN___DRP 24200	43.41 -0.48 0.00	41.73 0.03 0.00	40.40 -0.21 0.00	39.88 -0.01 0.00	39.87 -0.16 0.00	35.74 -0.97 0.00	39.66 -1.08 0.00	37.40 -1.59 0.00	35.68 -1.88 0.00	35.35 -1.70 0.00	39.89 -2.08 0.00	37.27 -1.91 0.00	37.26 -2.19 0.00	32.45 -2.08 0.00	30.91 -2.15 0.00	31.93 -2.29 0.00	33.90 -2.27 -0.08	30.35 -2.04 -0.12	31.26 -2.27 -0.32	27.38 -1.85 -0.78	28.34 -1.68 -0.14	30.32 -1.81 0.00	28.32 -1.53 0.00	31.60 -1.20 0.00



CALVERTON___SOLAR 323806	46.10 2.21 0.00	43.24 1.54 0.00	41.84 1.23 0.00	41.18 1.28 0.00	41.39 1.35 0.00	38.64 1.93 0.00	42.58 1.84 0.00	40.87 1.87 0.00	39.56 1.85 -0.15	40.35 1.94 -1.35	58.38 2.88 -13.51	42.31 3.12 0.00	42.59 3.14 -0.01	36.92 2.40 0.00	35.02 1.96 0.00	37.15 1.79 -1.14	38.69 1.79 -0.81	35.24 1.96 -1.02	37.62 2.07 -2.34	35.09 2.01 -4.62	32.92 2.22 -0.80	34.60 2.48 0.00	32.16 2.31 0.00	35.24 2.44 0.00
CANDIGU_WT_PWR 323617	42.25 -1.64 0.00	40.39 -1.31 0.00	39.36 -1.24 0.00	38.89 -1.01 0.00	38.93 -1.11 0.00	35.34 -1.38 0.00	39.56 -1.18 0.00	37.59 -1.40 0.00	35.95 -1.61 0.00	35.59 -1.47 0.00	40.12 -1.86 0.00	37.30 -1.88 0.00	37.29 -2.15 0.00	32.52 -2.00 0.00	30.67 -2.39 0.00	31.50 -2.72 0.00	33.37 -2.83 -0.11	29.79 -2.62 -0.14	30.79 -2.80 -0.37	27.26 -2.27 -1.08	27.85 -2.23 -0.19	29.66 -2.47 0.00	27.65 -2.20 0.00	30.68 -2.12 0.00
CARR STREET_E_SYR 24060	43.00 -0.88 0.00	40.91 -0.79 0.00	39.82 -0.79 0.00	39.17 -0.73 0.00	39.29 -0.75 0.00	36.00 -0.71 0.00	39.94 -0.80 0.00	38.19 -0.80 0.00	36.80 -0.75 0.00	36.30 -0.76 0.00	41.08 -0.90 0.00	38.38 -0.80 0.00	38.65 -0.79 0.00	33.89 -0.64 0.00	32.43 -0.64 0.00	33.58 -0.64 0.00	35.44 -0.70 -0.05	31.71 -0.64 -0.08	32.72 -0.69 -0.20	28.36 -0.54 -0.45	29.47 -0.49 -0.08	31.69 -0.44 0.00	29.46 -0.39 0.00	32.35 -0.45 0.00
CARTHAGE___PAPER 23857	44.30 0.41 0.00	42.05 0.35 0.00	40.74 0.13 0.00	39.94 0.05 0.00	40.12 0.08 0.00	36.80 0.09 0.00	40.79 0.05 0.00	38.93 -0.07 0.00	37.68 0.13 0.00	37.35 0.29 0.00	42.50 0.52 0.00	39.76 0.58 0.00	40.02 0.57 0.00	35.31 0.79 0.00	33.76 0.69 0.00	34.96 0.73 0.00	36.25 0.14 -0.02	31.63 -0.68 -0.04	32.64 -0.67 -0.10	27.75 -0.92 -0.23	29.29 -0.63 -0.04	32.13 0.00 0.00	29.50 -0.35 0.00	32.18 -0.62 0.00
CASSADAGA_WT_PWR 323784	43.29 -0.60 0.00	41.46 -0.24 0.00	40.08 -0.52 0.00	39.71 -0.19 0.00	39.92 -0.12 0.00	35.70 -1.01 0.00	39.79 -0.95 0.00	37.40 -1.60 0.00	35.28 -2.27 0.00	34.79 -2.27 0.00	39.11 -2.87 0.00	35.99 -3.19 0.00	35.26 -4.19 0.00	30.92 -3.59 0.00	29.77 -3.30 0.00	30.94 -3.28 0.00	32.24 -3.94 -0.08	28.71 -3.70 -0.13	29.53 -4.03 -0.35	25.90 -3.38 -0.83	26.79 -3.25 -0.14	28.62 -3.51 0.00	26.66 -3.19 0.00	29.75 -3.05 0.00
CE_DUNWOOD___DRP 24194	45.78 1.89 0.00	43.17 1.47 0.00	41.97 1.36 0.00	41.21 1.31 0.00	41.37 1.34 0.00	38.25 1.54 0.00	42.59 1.85 0.00	41.00 2.01 0.00	39.57 2.01 0.00	39.00 1.95 0.00	44.31 2.32 0.00	41.38 2.20 0.00	41.68 2.24 0.00	36.36 1.84 0.00	34.81 1.74 0.00	35.97 1.75 0.00	38.51 1.95 -0.46	34.90 1.86 -0.77	37.16 1.95 -2.00	34.76 1.70 -4.61	32.50 1.80 -0.80	33.92 1.79 0.00	31.50 1.66 0.00	34.46 1.66 0.00
CE_MILLWOOD___DRP 24193	45.70 1.81 0.00	43.11 1.41 0.00	41.91 1.30 0.00	41.16 1.26 0.00	41.32 1.29 0.00	38.19 1.48 0.00	42.53 1.79 0.00	40.93 1.93 0.00	39.50 1.94 0.00	38.92 1.87 0.00	44.21 2.23 0.00	41.28 2.10 0.00	41.59 2.15 0.00	36.28 1.76 0.00	34.73 1.67 0.00	35.90 1.68 0.00	38.44 1.89 -0.46	34.84 1.80 -0.77	37.09 1.88 -1.99	34.69 1.64 -4.60	32.43 1.74 -0.80	33.85 1.73 0.00	31.45 1.60 0.00	34.41 1.60 0.00
CE_NYC2_DRP 24202	46.02 2.13 0.00	43.41 1.71 0.00	42.22 1.61 0.00	41.47 1.57 0.00	41.60 1.56 0.00	38.51 1.80 0.00	42.89 2.16 0.00	41.48 2.38 -0.10	41.27 2.44 -1.28	39.33 2.27 0.00	44.64 2.66 0.00	41.70 2.52 0.00	42.03 2.59 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.24 2.02 0.00	38.79 2.23 -0.47	35.16 2.12 -0.78	37.41 2.19 -2.01	34.98 1.91 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.69 1.85 0.00	34.67 1.87 0.00
CE_NYC_DRP 24195	46.00 2.11 0.00	43.38 1.68 0.00	42.17 1.56 0.00	41.41 1.51 0.00	41.54 1.51 0.00	38.44 1.72 0.00	42.85 2.11 0.00	41.36 2.30 -0.06	40.61 2.32 -0.73	39.33 2.27 0.00	44.67 2.69 0.00	41.71 2.53 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.09 2.02 0.00	36.25 2.02 0.00	38.80 2.25 -0.47	35.16 2.11 -0.78	37.41 2.19 -2.01	34.97 1.89 -4.62	32.70 2.01 -0.80	34.12 1.99 0.00	31.66 1.81 0.00	34.62 1.82 0.00
CHAFFEE___LFGE 323603	43.57 -0.32 0.00	41.80 0.10 0.00	40.52 -0.09 0.00	40.00 0.10 0.00	39.97 -0.07 0.00	35.90 -0.81 0.00	39.81 -0.93 0.00	37.59 -1.41 0.00	35.90 -1.66 0.00	35.56 -1.49 0.00	40.14 -1.84 0.00	37.49 -1.69 0.00	37.49 -1.95 0.00	32.69 -1.83 0.00	31.15 -1.91 0.00	32.19 -2.04 0.00	34.17 -2.01 -0.08	30.63 -1.77 -0.13	31.55 -2.00 -0.34	27.65 -1.61 -0.81	28.59 -1.44 -0.14	30.56 -1.57 0.00	28.54 -1.31 0.00	31.80 -1.00 0.00
CHATEAUG_35_KV_LOAD 355732	45.12 1.23 0.00	43.50 1.81 0.00	42.14 1.54 0.00	41.40 1.51 0.00	41.45 1.41 0.00	37.53 0.81 0.00	41.65 0.91 0.00	39.65 0.65 0.00	37.67 0.11 0.00	37.37 0.32 0.00	42.44 0.46 0.00	39.27 0.09 0.00	39.51 0.07 0.00	34.42 -0.10 0.00	33.00 -0.06 0.00	34.17 -0.06 0.00	35.99 -0.09 0.00	32.49 0.22 0.00	33.40 0.19 0.00	27.37 -1.08 0.00	28.81 -1.08 0.00	31.46 -0.67 0.00	29.10 -0.75 0.00	32.33 -0.47 0.00
CHATEAUG_WT_PWR 323614	45.04 1.15 0.00	43.37 1.68 0.00	42.04 1.43 0.00	41.31 1.41 0.00	41.36 1.33 0.00	37.45 0.74 0.00	41.53 0.79 0.00	39.55 0.55 0.00	37.61 0.05 0.00	37.31 0.25 0.00	42.38 0.40 0.00	39.23 0.05 0.00	39.52 0.08 0.00	34.44 -0.08 0.00	32.98 -0.09 0.00	34.13 -0.09 0.00	35.92 -0.17 0.00	32.41 0.14 0.00	33.33 0.12 0.00	27.33 -1.13 0.00	28.80 -1.09 0.00	31.44 -0.69 0.00	29.09 -0.75 0.00	32.30 -0.50 0.00
CHAT_HIGH_FALL_HYD 323578	45.12 1.23 0.00	43.50 1.81 0.00	42.14 1.54 0.00	41.40 1.51 0.00	41.45 1.41 0.00	37.53 0.81 0.00	41.65 0.91 0.00	39.65 0.65 0.00	37.67 0.11 0.00	37.37 0.32 0.00	42.44 0.46 0.00	39.27 0.09 0.00	39.51 0.07 0.00	34.42 -0.10 0.00	33.00 -0.06 0.00	34.17 -0.06 0.00	35.99 -0.09 0.00	32.49 0.22 0.00	33.40 0.19 0.00	27.37 -1.08 0.00	28.81 -1.08 0.00	31.46 -0.67 0.00	29.10 -0.75 0.00	32.33 -0.47 0.00
CHAUTAUQUA___LFGE 323629	43.19 -0.69 0.00	41.34 -0.36 0.00	40.01 -0.59 0.00	39.59 -0.30 0.00	39.68 -0.36 0.00	35.55 -1.16 0.00	39.64 -1.10 0.00	37.32 -1.67 0.00	35.45 -2.11 0.00	35.00 -2.05 0.00	39.41 -2.57 0.00	36.56 -2.62 0.00	36.28 -3.16 0.00	31.71 -2.81 0.00	30.31 -2.76 0.00	31.41 -2.82 0.00	33.08 -3.09 -0.08	29.59 -2.81 -0.13	30.50 -3.05 -0.34	26.71 -2.55 -0.81	27.66 -2.37 -0.14	29.54 -2.59 0.00	27.54 -2.31 0.00	30.74 -2.06 0.00
CHERRYST_13_KV_LD 356241	46.12 2.24 0.00	43.50 1.80 0.00	42.28 1.67 0.00	41.52 1.62 0.00	41.65 1.61 0.00	38.55 1.83 0.00	42.98 2.24 0.00	41.48 2.43 -0.06	40.75 2.45 -0.73	39.45 2.40 0.00	44.81 2.83 0.00	41.85 2.67 0.00	42.17 2.73 0.00	36.77 2.25 0.00	35.21 2.14 0.00	36.35 2.13 0.00	38.93 2.37 -0.47	35.27 2.23 -0.78	37.51 2.30 -2.01	35.05 1.98 -4.62	32.79 2.10 -0.80	34.20 2.07 0.00	31.74 1.90 0.00	34.70 1.91 0.00



CHESTROR_138KV_BK263 355645	45.47 1.58 0.00	42.94 1.24 0.00	41.77 1.16 0.00	41.01 1.11 0.00	41.17 1.13 0.00	38.00 1.29 0.00	42.30 1.56 0.00	40.66 1.67 0.00	39.22 1.67 0.00	38.65 1.59 0.00	43.87 1.89 0.00	40.91 1.73 0.00	41.19 1.75 0.00	35.96 1.44 0.00	34.46 1.40 0.00	35.66 1.44 0.00	38.14 1.62 -0.43	34.54 1.55 -0.72	36.72 1.65 -1.87	34.17 1.42 -4.30	32.14 1.50 -0.75	33.59 1.46 0.00	31.17 1.33 0.00	34.10 1.30 0.00
CH_MIDHUDSON___DRP 24192	45.73 1.84 0.00	43.18 1.48 0.00	42.01 1.40 0.00	41.24 1.34 0.00	41.40 1.36 0.00	38.22 1.51 0.00	42.52 1.78 0.00	40.90 1.90 0.00	39.46 1.91 0.00	38.91 1.85 0.00	44.18 2.20 0.00	41.25 2.07 0.00	41.53 2.09 0.00	36.27 1.75 0.00	34.74 1.67 0.00	35.91 1.69 0.00	38.46 1.90 -0.47	34.86 1.81 -0.79	37.13 1.88 -2.04	34.78 1.63 -4.70	32.43 1.72 -0.82	33.83 1.71 0.00	31.45 1.60 0.00	34.42 1.62 0.00
CH_MISC_IPPS 23765	45.97 2.09 0.00	43.40 1.71 0.00	42.21 1.60 0.00	41.43 1.53 0.00	41.60 1.57 0.00	38.41 1.70 0.00	42.77 2.03 0.00	41.16 2.16 0.00	39.70 2.14 0.00	39.13 2.08 0.00	44.44 2.46 0.00	41.46 2.28 0.00	41.76 2.32 0.00	36.45 1.94 0.00	34.94 1.87 0.00	36.13 1.90 0.00	38.69 2.14 -0.46	35.07 2.02 -0.77	37.32 2.11 -2.01	34.88 1.81 -4.62	32.60 1.91 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.57 1.77 0.00
CH_RES_BVR_FALLS 23983	44.04 0.15 0.00	41.99 0.29 0.00	40.85 0.24 0.00	40.13 0.23 0.00	40.25 0.21 0.00	36.79 0.08 0.00	40.82 0.08 0.00	39.01 0.02 0.00	37.47 -0.09 0.00	37.03 -0.03 0.00	41.96 -0.02 0.00	39.10 -0.08 0.00	39.36 -0.08 0.00	34.42 -0.09 0.00	32.97 -0.10 0.00	34.11 -0.11 0.00	35.97 -0.12 0.00	32.22 -0.05 0.00	33.16 -0.05 0.00	28.22 -0.23 0.00	29.74 -0.15 0.00	32.06 -0.06 0.00	29.79 -0.06 0.00	32.75 -0.05 0.00
CH_RES_NIAGARA 23895	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
CH_RES_SYRACUSE 23985	43.25 -0.64 0.00	41.13 -0.57 0.00	40.02 -0.59 0.00	39.38 -0.52 0.00	39.49 -0.55 0.00	36.17 -0.54 0.00	40.15 -0.58 0.00	38.39 -0.61 0.00	36.96 -0.60 0.00	36.45 -0.60 0.00	41.29 -0.69 0.00	38.56 -0.62 0.00	38.85 -0.60 0.00	34.04 -0.48 0.00	32.55 -0.51 0.00	33.76 -0.46 0.00	35.63 -0.51 -0.05	31.90 -0.46 -0.08	32.94 -0.48 -0.21	28.58 -0.36 -0.49	29.66 -0.31 -0.08	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
CLINTON_WT_PWR 323605	45.04 1.15 0.00	43.37 1.68 0.00	42.04 1.43 0.00	41.31 1.41 0.00	41.36 1.33 0.00	37.45 0.74 0.00	41.53 0.79 0.00	39.55 0.55 0.00	37.61 0.05 0.00	37.31 0.25 0.00	42.38 0.40 0.00	39.23 0.05 0.00	39.52 0.08 0.00	34.44 -0.08 0.00	32.98 -0.09 0.00	34.13 -0.09 0.00	35.92 -0.17 0.00	32.41 0.14 0.00	33.33 0.12 0.00	27.33 -1.13 0.00	28.80 -1.09 0.00	31.44 -0.69 0.00	29.09 -0.75 0.00	32.30 -0.50 0.00
CLINTON___LFGE 323618	45.69 1.80 0.00	43.94 2.24 0.00	42.62 2.01 0.00	41.91 2.01 0.00	41.95 1.92 0.00	38.04 1.33 0.00	42.22 1.48 0.00	40.24 1.25 0.00	38.27 0.71 0.00	37.87 0.81 0.00	43.06 1.08 0.00	39.86 0.68 0.00	40.14 0.70 0.00	34.92 0.40 0.00	33.48 0.41 0.00	34.71 0.49 0.00	36.56 0.46 0.00	32.98 0.71 0.00	33.93 0.72 0.00	27.80 -0.65 0.00	29.22 -0.67 0.00	31.86 -0.27 0.00	29.48 -0.37 0.00	32.77 -0.03 0.00
COBBLENY_34_KV_TB1 80064	43.57 -0.32 0.00	41.84 0.14 0.00	40.51 -0.09 0.00	40.00 0.10 0.00	39.98 -0.05 0.00	35.85 -0.86 0.00	39.80 -0.93 0.00	37.59 -1.41 0.00	35.89 -1.67 0.00	35.56 -1.49 0.00	40.14 -1.84 0.00	37.49 -1.69 0.00	37.50 -1.95 0.00	32.69 -1.83 0.00	31.15 -1.91 0.00	32.19 -2.04 0.00	34.17 -2.00 -0.08	30.62 -1.78 -0.13	31.56 -1.99 -0.34	27.65 -1.61 -0.81	28.59 -1.44 -0.14	30.56 -1.57 0.00	28.53 -1.32 0.00	31.80 -1.00 0.00
COFFEEN___115KV_TB3 355620	43.86 -0.02 0.00	41.56 -0.14 0.00	40.29 -0.32 0.00	39.50 -0.40 0.00	39.71 -0.33 0.00	36.54 -0.17 0.00	40.54 -0.20 0.00	38.71 -0.28 0.00	37.52 -0.04 0.00	37.10 0.05 0.00	42.25 0.28 0.00	39.57 0.39 0.00	39.78 0.34 0.00	35.21 0.69 0.00	33.64 0.57 0.00	34.88 0.66 0.00	36.22 0.11 -0.03	31.55 -0.76 -0.04	32.54 -0.78 -0.11	27.82 -0.88 -0.26	29.31 -0.62 -0.05	32.05 -0.08 0.00	29.48 -0.37 0.00	32.07 -0.73 0.00
COLDSPRG_115KV_BK1 355956	43.89 0.01 0.00	42.00 0.31 0.00	40.66 0.05 0.00	40.20 0.31 0.00	40.35 0.31 0.00	36.16 -0.55 0.00	40.29 -0.45 0.00	38.07 -0.93 0.00	36.15 -1.41 0.00	35.78 -1.27 0.00	40.39 -1.59 0.00	37.28 -1.90 0.00	36.91 -2.54 0.00	32.32 -2.21 0.00	30.99 -2.08 0.00	32.08 -2.14 0.00	33.65 -2.53 -0.09	30.07 -2.34 -0.14	30.99 -2.60 -0.37	27.18 -2.13 -0.87	28.08 -1.96 -0.15	29.99 -2.14 0.00	28.00 -1.85 0.00	31.18 -1.62 0.00
COLONIE_LFGE___ 323577	45.56 1.67 0.00	43.19 1.49 0.00	42.07 1.46 0.00	41.28 1.38 0.00	41.49 1.46 0.00	38.12 1.41 0.00	42.34 1.60 0.00	40.55 1.55 0.00	39.08 1.53 0.00	38.51 1.45 0.00	43.63 1.65 0.00	40.70 1.52 0.00	40.95 1.50 0.00	35.79 1.26 0.00	34.33 1.26 0.00	35.53 1.31 0.00	38.10 1.43 -0.57	34.52 1.30 -0.96	37.06 1.37 -2.48	35.30 1.14 -5.71	32.13 1.24 -0.99	33.35 1.22 0.00	31.00 1.16 0.00	34.03 1.23 0.00
COOPERNY_115KV_TB1 80082	45.07 1.18 0.00	42.64 0.94 0.00	41.50 0.89 0.00	40.76 0.86 0.00	40.92 0.88 0.00	37.67 0.96 0.00	41.90 1.17 0.00	40.22 1.23 0.00	38.77 1.22 0.00	38.22 1.17 0.00	43.36 1.38 0.00	40.44 1.26 0.00	40.71 1.27 0.00	35.55 1.03 0.00	34.07 1.00 0.00	35.26 1.03 0.00	37.60 1.16 -0.35	33.97 1.11 -0.59	35.93 1.20 -1.52	32.99 1.04 -3.51	31.59 1.09 -0.61	33.18 1.05 0.00	30.79 0.94 0.00	33.71 0.91 0.00
COPENHAGEN_WT_PWR 323753	43.42 -0.47 0.00	41.10 -0.60 0.00	39.85 -0.76 0.00	39.05 -0.85 0.00	39.28 -0.76 0.00	36.18 -0.53 0.00	40.09 -0.64 0.00	38.23 -0.77 0.00	37.10 -0.46 0.00	36.75 -0.30 0.00	41.82 -0.17 0.00	39.24 0.06 0.00	39.45 0.01 0.00	34.90 0.38 0.00	33.39 0.33 0.00	34.60 0.38 0.00	35.83 -0.29 -0.03	30.96 -1.35 -0.04	31.94 -1.39 -0.11	27.36 -1.36 -0.26	28.85 -1.09 -0.05	31.61 -0.52 0.00	29.11 -0.74 0.00	31.62 -1.18 0.00
CORNELL_____ 23752	44.05 0.16 0.00	41.90 0.20 0.00	40.75 0.14 0.00	40.08 0.19 0.00	40.22 0.18 0.00	36.82 0.11 0.00	40.99 0.25 0.00	39.22 0.23 0.00	37.73 0.17 0.00	37.12 0.07 0.00	41.98 0.00 0.00	39.09 -0.09 0.00	39.46 0.02 0.00	34.50 -0.02 0.00	32.87 -0.19 0.00	34.35 0.13 0.00	36.35 0.15 -0.11	32.54 0.08 -0.19	33.76 0.06 -0.49	29.65 0.10 -1.11	30.25 0.17 -0.19	32.37 0.24 0.00	30.04 0.19 0.00	32.97 0.17 0.00



CORONA_69_KV_TB1 355595	46.36 2.47 0.00	43.63 1.93 0.00	42.32 1.71 0.00	41.56 1.67 0.00	41.77 1.74 0.00	38.73 2.02 0.00	42.93 2.20 0.00	41.15 2.15 0.00	39.71 2.15 0.00	39.25 2.19 0.00	70.50 2.93 -25.59	42.18 2.99 -0.01	42.46 3.00 -0.01	36.87 2.35 0.00	35.12 2.06 0.00	36.23 2.01 0.00	38.75 2.20 -0.47	35.22 2.18 -0.78	37.49 2.28 -2.01	35.09 2.02 -4.62	32.90 2.21 -0.80	34.44 2.32 0.00	32.01 2.16 0.00	35.02 2.22 0.00
CORTLAND_115KV_TB3 80093	43.81 -0.07 0.00	41.68 -0.02 0.00	40.56 -0.05 0.00	39.89 -0.01 0.00	40.01 -0.02 0.00	36.64 -0.07 0.00	40.76 0.02 0.00	39.00 0.00 0.00	37.53 -0.03 0.00	36.99 -0.06 0.00	41.83 -0.15 0.00	39.05 -0.13 0.00	39.37 -0.08 0.00	34.49 -0.03 0.00	32.95 -0.11 0.00	34.23 0.00 0.00	36.14 -0.04 -0.09	32.34 -0.08 -0.15	33.50 -0.09 -0.39	29.28 -0.05 -0.89	30.07 0.03 -0.15	32.19 0.05 0.00	29.88 0.03 0.00	32.80 0.00 0.00
COXSACKIE___GT 23611	46.73 2.84 0.00	44.35 2.66 0.00	43.17 2.56 0.00	42.36 2.46 0.00	42.58 2.54 0.00	39.15 2.44 0.00	43.56 2.83 0.00	41.92 2.93 0.00	40.36 2.80 0.00	39.61 2.56 0.00	44.81 2.83 0.00	41.73 2.56 0.00	41.77 2.33 0.00	36.82 2.30 0.00	35.45 2.38 0.00	36.74 2.52 0.00	39.43 2.80 -0.54	35.72 2.55 -0.90	38.10 2.55 -2.33	35.89 2.07 -5.37	32.99 2.16 -0.94	34.33 2.21 0.00	31.88 2.03 0.00	34.97 2.16 0.00
CPV_VALLEY___CC1 323721	45.30 1.41 0.00	42.81 1.11 0.00	41.63 1.03 0.00	40.88 0.98 0.00	41.05 1.01 0.00	37.86 1.14 0.00	42.13 1.40 0.00	40.49 1.49 0.00	39.05 1.49 0.00	38.48 1.43 0.00	43.67 1.69 0.00	40.72 1.54 0.00	41.00 1.55 0.00	35.80 1.28 0.00	34.29 1.22 0.00	35.46 1.24 0.00	37.90 1.41 -0.40	34.30 1.36 -0.67	36.42 1.47 -1.75	33.73 1.26 -4.02	31.91 1.32 -0.70	33.39 1.26 0.00	30.97 1.12 0.00	33.87 1.06 0.00
CPV_VALLEY___CC2 323722	45.30 1.41 0.00	42.81 1.11 0.00	41.63 1.03 0.00	40.88 0.98 0.00	41.05 1.01 0.00	37.86 1.14 0.00	42.13 1.40 0.00	40.49 1.49 0.00	39.05 1.49 0.00	38.48 1.43 0.00	43.67 1.69 0.00	40.72 1.54 0.00	41.00 1.55 0.00	35.80 1.28 0.00	34.29 1.22 0.00	35.46 1.24 0.00	37.90 1.41 -0.40	34.30 1.36 -0.67	36.42 1.47 -1.75	33.73 1.26 -4.02	31.91 1.32 -0.70	33.39 1.26 0.00	30.97 1.12 0.00	33.87 1.06 0.00
CRESCENT___HYD 24018	45.56 1.67 0.00	43.19 1.49 0.00	42.07 1.46 0.00	41.28 1.38 0.00	41.49 1.46 0.00	38.12 1.41 0.00	42.34 1.60 0.00	40.55 1.55 0.00	39.08 1.53 0.00	38.51 1.45 0.00	43.63 1.65 0.00	40.70 1.52 0.00	40.95 1.50 0.00	35.79 1.26 0.00	34.33 1.26 0.00	35.53 1.31 0.00	38.10 1.43 -0.57	34.52 1.30 -0.96	37.06 1.37 -2.48	35.30 1.14 -5.71	32.13 1.24 -0.99	33.35 1.22 0.00	31.00 1.16 0.00	34.03 1.23 0.00
CRICKET___VALLEY_CC1 323756	45.23 1.34 0.00	42.74 1.04 0.00	41.57 0.96 0.00	40.78 0.89 0.00	40.97 0.93 0.00	37.82 1.11 0.00	42.05 1.31 0.00	40.45 1.45 0.00	39.04 1.48 0.00	38.48 1.43 0.00	43.71 1.73 0.00	40.81 1.63 0.00	41.11 1.66 0.00	35.91 1.39 0.00	34.38 1.31 0.00	35.53 1.31 0.00	38.06 1.49 -0.49	34.51 1.43 -0.81	36.81 1.49 -2.11	34.62 1.31 -4.86	32.11 1.38 -0.84	33.49 1.36 0.00	31.21 1.36 0.00	34.21 1.40 0.00
CRICKET___VALLEY_CC2 323757	45.23 1.34 0.00	42.74 1.04 0.00	41.57 0.96 0.00	40.78 0.89 0.00	40.97 0.93 0.00	37.82 1.11 0.00	42.05 1.31 0.00	40.45 1.45 0.00	39.04 1.48 0.00	38.48 1.43 0.00	43.71 1.73 0.00	40.81 1.63 0.00	41.11 1.66 0.00	35.91 1.39 0.00	34.38 1.31 0.00	35.53 1.31 0.00	38.06 1.49 -0.49	34.51 1.43 -0.81	36.81 1.49 -2.11	34.62 1.31 -4.86	32.11 1.38 -0.84	33.49 1.36 0.00	31.21 1.36 0.00	34.21 1.40 0.00
CRICKET___VALLEY_CC3 323758	45.23 1.34 0.00	42.74 1.04 0.00	41.57 0.96 0.00	40.78 0.89 0.00	40.97 0.93 0.00	37.82 1.11 0.00	42.05 1.31 0.00	40.45 1.45 0.00	39.04 1.48 0.00	38.48 1.43 0.00	43.71 1.73 0.00	40.81 1.63 0.00	41.11 1.66 0.00	35.91 1.39 0.00	34.38 1.31 0.00	35.53 1.31 0.00	38.06 1.49 -0.49	34.51 1.43 -0.81	36.81 1.49 -2.11	34.62 1.31 -4.86	32.11 1.38 -0.84	33.49 1.36 0.00	31.21 1.36 0.00	34.21 1.40 0.00
CRUCIBLE_METL_DRP 24180	43.25 -0.64 0.00	41.14 -0.56 0.00	40.01 -0.59 0.00	39.37 -0.53 0.00	39.49 -0.54 0.00	36.17 -0.54 0.00	40.15 -0.58 0.00	38.39 -0.61 0.00	36.96 -0.60 0.00	36.45 -0.60 0.00	41.29 -0.68 0.00	38.56 -0.62 0.00	38.85 -0.60 0.00	34.04 -0.48 0.00	32.55 -0.51 0.00	33.76 -0.46 0.00	35.63 -0.51 -0.05	31.89 -0.46 -0.08	32.94 -0.49 -0.21	28.58 -0.36 -0.49	29.66 -0.31 -0.08	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
DAHOWA___HYDRO 323763	46.25 2.36 0.00	43.80 2.10 0.00	42.62 2.01 0.00	41.86 1.96 0.00	42.08 2.04 0.00	38.68 1.97 0.00	43.04 2.30 0.00	41.27 2.27 0.00	39.78 2.22 0.00	39.17 2.11 0.00	44.35 2.37 0.00	41.35 2.17 0.00	41.61 2.16 0.00	36.28 1.76 0.00	34.86 1.79 0.00	36.14 1.92 0.00	38.78 2.11 -0.58	35.16 1.92 -0.97	37.71 1.98 -2.52	35.86 1.60 -5.81	32.58 1.67 -1.01	33.76 1.64 0.00	31.33 1.48 0.00	34.39 1.59 0.00
DANC___LFGE 323619	43.15 -0.74 0.00	40.90 -0.79 0.00	39.72 -0.88 0.00	38.98 -0.92 0.00	39.16 -0.88 0.00	35.98 -0.74 0.00	39.86 -0.88 0.00	38.06 -0.94 0.00	36.82 -0.73 0.00	36.44 -0.62 0.00	41.42 -0.56 0.00	38.79 -0.39 0.00	39.02 -0.43 0.00	34.41 -0.11 0.00	32.93 -0.14 0.00	34.10 -0.12 0.00	35.53 -0.59 -0.03	31.14 -1.18 -0.05	32.12 -1.23 -0.13	27.62 -1.14 -0.31	28.98 -0.97 -0.05	31.56 -0.57 0.00	29.18 -0.67 0.00	31.83 -0.97 0.00
DANSKAMMER___1 23586	45.97 2.09 0.00	43.40 1.71 0.00	42.21 1.60 0.00	41.43 1.53 0.00	41.60 1.57 0.00	38.41 1.70 0.00	42.77 2.03 0.00	41.16 2.16 0.00	39.70 2.14 0.00	39.13 2.08 0.00	44.44 2.46 0.00	41.46 2.28 0.00	41.76 2.32 0.00	36.45 1.94 0.00	34.94 1.87 0.00	36.13 1.90 0.00	38.69 2.14 -0.46	35.07 2.02 -0.77	37.32 2.11 -2.01	34.88 1.81 -4.62	32.60 1.91 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.57 1.77 0.00
DANSKAMMER___2 23589	45.97 2.09 0.00	43.40 1.71 0.00	42.21 1.60 0.00	41.43 1.53 0.00	41.60 1.57 0.00	38.41 1.70 0.00	42.77 2.03 0.00	41.16 2.16 0.00	39.70 2.14 0.00	39.13 2.08 0.00	44.44 2.46 0.00	41.46 2.28 0.00	41.76 2.32 0.00	36.45 1.94 0.00	34.94 1.87 0.00	36.13 1.90 0.00	38.69 2.14 -0.46	35.07 2.02 -0.77	37.32 2.11 -2.01	34.88 1.81 -4.62	32.60 1.91 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.57 1.77 0.00
DANSKAMMER___3 23590	45.97 2.09 0.00	43.40 1.71 0.00	42.21 1.60 0.00	41.43 1.53 0.00	41.60 1.57 0.00	38.41 1.70 0.00	42.77 2.03 0.00	41.16 2.16 0.00	39.70 2.14 0.00	39.13 2.08 0.00	44.44 2.46 0.00	41.46 2.28 0.00	41.76 2.32 0.00	36.45 1.94 0.00	34.94 1.87 0.00	36.13 1.90 0.00	38.69 2.14 -0.46	35.07 2.02 -0.77	37.32 2.11 -2.01	34.88 1.81 -4.62	32.60 1.91 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.57 1.77 0.00



DANSKAMMER___4 23591	45.97 2.09 0.00	43.40 1.71 0.00	42.21 1.60 0.00	41.43 1.53 0.00	41.60 1.57 0.00	38.41 1.70 0.00	42.77 2.03 0.00	41.16 2.16 0.00	39.70 2.14 0.00	39.13 2.08 0.00	44.44 2.46 0.00	41.46 2.28 0.00	41.76 2.32 0.00	36.45 1.94 0.00	34.94 1.87 0.00	36.13 1.90 0.00	38.69 2.14 -0.46	35.07 2.02 -0.77	37.32 2.11 -2.01	34.88 1.81 -4.62	32.60 1.91 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.57 1.77 0.00
DANSKAMMER___DIESEL 23592	45.97 2.09 0.00	43.40 1.70 0.00	42.21 1.61 0.00	41.44 1.55 0.00	41.61 1.57 0.00	38.42 1.70 0.00	42.77 2.03 0.00	41.16 2.16 0.00	39.70 2.14 0.00	39.13 2.08 0.00	44.44 2.46 0.00	41.46 2.28 0.00	41.76 2.32 0.00	36.46 1.94 0.00	34.94 1.87 0.00	36.13 1.90 0.00	38.69 2.14 -0.46	35.07 2.02 -0.77	37.33 2.11 -2.01	34.88 1.82 -4.62	32.60 1.91 -0.80	34.03 1.90 0.00	31.60 1.75 0.00	34.57 1.77 0.00
DARBY___SOLAR 323810	46.06 2.17 0.00	43.63 1.93 0.00	42.47 1.86 0.00	41.70 1.80 0.00	41.92 1.88 0.00	38.52 1.80 0.00	42.84 2.10 0.00	41.07 2.08 0.00	39.58 2.02 0.00	38.98 1.93 0.00	44.15 2.17 0.00	41.17 1.99 0.00	41.41 1.97 0.00	36.13 1.62 0.00	34.71 1.64 0.00	35.99 1.76 0.00	38.61 1.93 -0.58	34.99 1.76 -0.97	37.54 1.82 -2.52	35.74 1.49 -5.80	32.46 1.56 -1.01	33.66 1.53 0.00	31.25 1.40 0.00	34.31 1.50 0.00
DASHVILLE___HYD 23610	45.55 1.66 0.00	43.03 1.33 0.00	41.88 1.27 0.00	41.11 1.22 0.00	41.25 1.21 0.00	38.06 1.34 0.00	42.34 1.60 0.00	40.70 1.70 0.00	39.26 1.71 0.00	38.72 1.66 0.00	43.96 1.98 0.00	40.97 1.79 0.00	41.28 1.84 0.00	36.01 1.49 0.00	34.53 1.46 0.00	35.69 1.47 0.00	38.24 1.67 -0.48	34.67 1.61 -0.80	36.92 1.64 -2.06	34.63 1.43 -4.75	32.24 1.53 -0.83	33.65 1.52 0.00	31.25 1.40 0.00	34.18 1.38 0.00
DELAWARE___LFGE 323621	44.63 0.75 0.00	42.40 0.71 0.00	41.34 0.74 0.00	40.61 0.71 0.00	40.76 0.72 0.00	37.36 0.64 0.00	41.51 0.77 0.00	39.78 0.78 0.00	38.32 0.77 0.00	37.80 0.75 0.00	42.87 0.90 0.00	39.98 0.80 0.00	40.24 0.79 0.00	35.21 0.69 0.00	33.71 0.64 0.00	34.90 0.68 0.00	37.04 0.74 -0.21	33.23 0.62 -0.34	34.74 0.64 -0.89	31.05 0.56 -2.04	30.86 0.62 -0.36	32.75 0.62 0.00	30.43 0.58 0.00	33.36 0.56 0.00
DERFIELD_115KV_TB7 355931	44.06 0.18 0.00	41.86 0.17 0.00	40.77 0.16 0.00	40.06 0.16 0.00	40.20 0.16 0.00	36.86 0.15 0.00	40.91 0.17 0.00	39.18 0.18 0.00	37.74 0.18 0.00	37.23 0.18 0.00	42.19 0.20 0.00	39.37 0.19 0.00	39.64 0.20 0.00	34.69 0.17 0.00	33.23 0.16 0.00	34.39 0.16 0.00	36.26 0.17 0.00	32.37 0.10 0.00	33.31 0.10 0.00	28.52 0.07 0.00	30.01 0.12 0.00	32.26 0.13 0.00	29.97 0.12 0.00	32.91 0.10 0.00
DOGLEVILLE___HYD 23807	47.29 3.40 0.00	44.82 3.12 0.00	43.61 3.01 0.00	42.87 2.98 0.00	43.08 3.05 0.00	39.66 2.94 0.00	44.05 3.32 0.00	42.25 3.26 0.00	40.63 3.08 0.00	39.88 2.83 0.00	44.99 3.00 0.00	41.99 2.81 0.00	42.11 2.67 0.00	36.87 2.35 0.00	35.35 2.28 0.00	36.86 2.64 0.00	39.03 2.94 0.00	34.98 2.72 0.00	35.60 2.39 0.00	30.48 2.04 0.00	32.11 2.22 0.00	34.34 2.21 0.00	31.90 2.05 0.00	34.87 2.07 0.00
DUNKIRK__115KV_TB_200 55889	43.17 -0.72 0.00	41.36 -0.33 0.00	40.01 -0.60 0.00	39.58 -0.32 0.00	39.66 -0.38 0.00	35.50 -1.22 0.00	39.61 -1.13 0.00	37.31 -1.69 0.00	35.47 -2.09 0.00	35.04 -2.01 0.00	39.47 -2.51 0.00	36.63 -2.55 0.00	36.39 -3.05 0.00	31.80 -2.72 0.00	30.38 -2.69 0.00	31.47 -2.76 0.00	33.18 -2.99 -0.08	29.68 -2.71 -0.13	30.61 -2.94 -0.34	26.81 -2.45 -0.81	27.75 -2.28 -0.14	29.64 -2.49 0.00	27.64 -2.21 0.00	30.86 -1.94 0.00
DUNKIRK___1 23563	43.17 -0.72 0.00	41.36 -0.33 0.00	40.01 -0.60 0.00	39.58 -0.32 0.00	39.66 -0.38 0.00	35.50 -1.22 0.00	39.61 -1.13 0.00	37.31 -1.69 0.00	35.47 -2.09 0.00	35.04 -2.01 0.00	39.47 -2.51 0.00	36.63 -2.55 0.00	36.39 -3.05 0.00	31.80 -2.72 0.00	30.38 -2.69 0.00	31.47 -2.76 0.00	33.18 -2.99 -0.08	29.68 -2.71 -0.13	30.61 -2.94 -0.34	26.81 -2.45 -0.81	27.75 -2.28 -0.14	29.64 -2.49 0.00	27.64 -2.21 0.00	30.86 -1.94 0.00
DUNKIRK___2 23564	43.17 -0.72 0.00	41.36 -0.33 0.00	40.01 -0.60 0.00	39.58 -0.32 0.00	39.66 -0.38 0.00	35.50 -1.22 0.00	39.61 -1.13 0.00	37.31 -1.69 0.00	35.47 -2.09 0.00	35.04 -2.01 0.00	39.47 -2.51 0.00	36.63 -2.55 0.00	36.39 -3.05 0.00	31.80 -2.72 0.00	30.38 -2.69 0.00	31.47 -2.76 0.00	33.18 -2.99 -0.08	29.68 -2.71 -0.13	30.61 -2.94 -0.34	26.81 -2.45 -0.81	27.75 -2.28 -0.14	29.64 -2.49 0.00	27.64 -2.21 0.00	30.86 -1.94 0.00
DUNKIRK___3 23565	43.13 -0.76 0.00	41.34 -0.36 0.00	40.01 -0.60 0.00	39.55 -0.35 0.00	39.60 -0.44 0.00	35.48 -1.24 0.00	39.51 -1.23 0.00	37.25 -1.75 0.00	35.46 -2.09 0.00	35.08 -1.97 0.00	39.54 -2.43 0.00	36.79 -2.39 0.00	36.64 -2.80 0.00	31.99 -2.53 0.00	30.53 -2.54 0.00	31.60 -2.62 0.00	33.38 -2.79 -0.08	29.88 -2.51 -0.13	30.81 -2.73 -0.33	26.99 -2.27 -0.81	27.94 -2.09 -0.14	29.86 -2.27 0.00	27.86 -1.99 0.00	31.10 -1.70 0.00
DUNKIRK___4 23566	43.13 -0.76 0.00	41.34 -0.36 0.00	40.01 -0.60 0.00	39.55 -0.35 0.00	39.60 -0.44 0.00	35.48 -1.24 0.00	39.51 -1.23 0.00	37.25 -1.75 0.00	35.46 -2.09 0.00	35.08 -1.97 0.00	39.54 -2.43 0.00	36.79 -2.39 0.00	36.64 -2.80 0.00	31.99 -2.53 0.00	30.53 -2.54 0.00	31.60 -2.62 0.00	33.38 -2.79 -0.08	29.88 -2.51 -0.13	30.81 -2.73 -0.33	26.99 -2.27 -0.81	27.94 -2.09 -0.14	29.86 -2.27 0.00	27.86 -1.99 0.00	31.10 -1.70 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.87 1.98 0.00	43.22 1.52 0.00	42.02 1.41 0.00	41.25 1.36 0.00	41.41 1.38 0.00	38.31 1.59 0.00	42.69 1.95 0.00	41.10 2.10 0.00	39.68 2.13 0.00	39.11 2.06 0.00	44.43 2.45 0.00	41.50 2.32 0.00	41.81 2.36 0.00	36.47 1.95 0.00	34.90 1.83 0.00	36.06 1.83 0.00	38.60 2.04 -0.47	34.98 1.94 -0.78	37.24 2.03 -2.01	34.83 1.76 -4.62	32.58 1.88 -0.80	34.00 1.87 0.00	31.57 1.73 0.00	34.55 1.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.71 1.82 0.00	43.15 1.45 0.00	41.97 1.36 0.00	41.21 1.31 0.00	41.37 1.33 0.00	38.19 1.48 0.00	42.52 1.79 0.00	40.90 1.90 0.00	39.45 1.90 0.00	38.88 1.83 0.00	44.14 2.17 0.00	41.17 1.99 0.00	41.47 2.03 0.00	36.19 1.67 0.00	34.69 1.62 0.00	35.88 1.66 0.00	38.41 1.87 -0.45	34.80 1.78 -0.75	37.03 1.88 -1.95	34.55 1.62 -4.48	32.38 1.71 -0.78	33.80 1.67 0.00	31.38 1.53 0.00	34.32 1.52 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.88 2.00 0.00	43.28 1.58 0.00	42.10 1.49 0.00	41.37 1.47 0.00	41.48 1.45 0.00	38.42 1.71 0.00	42.73 2.00 0.00	41.37 2.28 -0.10	41.10 2.27 -1.28	39.17 2.12 0.00	44.44 2.47 0.00	41.52 2.34 0.00	41.88 2.44 0.00	36.50 1.98 0.00	34.96 1.89 0.00	36.10 1.87 0.00	38.63 2.07 -0.47	35.01 1.97 -0.78	37.25 2.03 -2.01	34.86 1.79 -4.62	32.61 1.91 -0.80	34.02 1.89 0.00	31.56 1.71 0.00	34.52 1.72 0.00



E179THST_13_KV_LOAD 356214	46.07 2.18 0.00	43.44 1.75 0.00	42.26 1.65 0.00	41.51 1.61 0.00	41.63 1.59 0.00	38.56 1.84 0.00	42.90 2.16 0.00	41.54 2.45 -0.10	41.27 2.43 -1.28	39.34 2.29 0.00	44.64 2.66 0.00	41.68 2.51 0.00	42.07 2.62 0.00	36.67 2.15 0.00	35.11 2.04 0.00	36.26 2.03 0.00	38.80 2.24 -0.47	35.17 2.12 -0.78	37.40 2.19 -2.01	35.00 1.92 -4.62	32.75 2.06 -0.80	34.17 2.04 0.00	31.70 1.85 0.00	34.66 1.86 0.00
EAST HAMPTON___GT 23717	44.76 0.87 0.00	41.89 0.20 0.00	40.53 -0.08 0.00	39.86 -0.04 0.00	40.07 0.03 0.00	37.59 0.87 0.00	41.39 0.66 0.00	39.81 0.81 0.00	38.57 0.87 -0.15	39.46 1.07 -1.34	57.35 1.84 -13.52	41.42 2.24 0.00	41.64 2.19 -0.01	36.07 1.55 0.00	34.24 1.18 0.00	36.35 1.01 -1.13	37.97 1.07 -0.81	34.67 1.39 -1.02	37.06 1.52 -2.33	34.49 1.42 -4.62	32.26 1.56 -0.80	33.97 1.84 0.00	31.56 1.72 0.00	34.90 2.10 0.00
EAST RIVER___6 23660	46.03 2.14 0.00	43.42 1.73 0.00	42.19 1.58 0.00	41.42 1.52 0.00	41.57 1.54 0.00	38.46 1.75 0.00	42.89 2.16 0.00	41.39 2.34 -0.06	40.66 2.37 -0.73	39.37 2.31 0.00	44.73 2.75 0.00	41.76 2.58 0.00	42.07 2.62 0.00	36.69 2.17 0.00	35.13 2.06 0.00	36.28 2.06 0.00	38.85 2.30 -0.47	35.20 2.15 -0.78	37.45 2.23 -2.01	34.99 1.92 -4.62	32.73 2.04 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.65 1.85 0.00
EAST RIVER___7 23524	46.03 2.14 0.00	43.42 1.73 0.00	42.19 1.58 0.00	41.42 1.52 0.00	41.57 1.54 0.00	38.46 1.75 0.00	42.89 2.16 0.00	41.39 2.34 -0.06	40.66 2.37 -0.73	39.37 2.31 0.00	44.73 2.75 0.00	41.76 2.58 0.00	42.07 2.62 0.00	36.69 2.17 0.00	35.13 2.06 0.00	36.28 2.06 0.00	38.85 2.30 -0.47	35.20 2.15 -0.78	37.45 2.23 -2.01	34.99 1.92 -4.62	32.73 2.04 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.65 1.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.78 1.89 0.00	43.17 1.47 0.00	41.97 1.36 0.00	41.21 1.31 0.00	41.37 1.34 0.00	38.25 1.54 0.00	42.59 1.85 0.00	41.00 2.01 0.00	39.57 2.01 0.00	39.00 1.95 0.00	44.31 2.32 0.00	41.38 2.20 0.00	41.68 2.24 0.00	36.36 1.84 0.00	34.81 1.74 0.00	35.97 1.75 0.00	38.51 1.95 -0.46	34.90 1.86 -0.77	37.16 1.95 -2.00	34.76 1.70 -4.61	32.50 1.80 -0.80	33.92 1.79 0.00	31.50 1.66 0.00	34.46 1.66 0.00
EAST_HAMPTON___DIESEL 23722	44.61 0.72 0.00	41.74 0.04 0.00	40.39 -0.22 0.00	39.71 -0.18 0.00	39.93 -0.11 0.00	37.46 0.75 0.00	41.26 0.52 0.00	39.67 0.67 0.00	38.44 0.73 -0.15	39.33 0.94 -1.34	57.21 1.71 -13.52	41.28 2.09 0.00	41.51 2.06 -0.01	35.96 1.44 0.00	34.13 1.06 0.00	36.23 0.88 -1.13	37.85 0.95 -0.81	34.56 1.27 -1.02	36.96 1.42 -2.33	34.40 1.33 -4.62	32.15 1.46 -0.80	33.86 1.74 0.00	31.48 1.63 0.00	34.82 2.02 0.00
EAST_POINT___SOLAR 323840	44.86 0.97 0.00	42.60 0.90 0.00	41.45 0.84 0.00	40.69 0.79 0.00	40.89 0.85 0.00	37.47 0.75 0.00	41.69 0.96 0.00	39.95 0.95 0.00	38.20 0.64 0.00	37.47 0.42 0.00	42.33 0.35 0.00	39.62 0.44 0.00	39.96 0.51 0.00	35.06 0.54 0.00	33.65 0.59 0.00	35.02 0.80 0.00	37.65 0.91 -0.65	34.22 0.87 -1.08	36.67 0.66 -2.81	35.44 0.53 -6.46	31.53 0.51 -1.12	32.73 0.60 0.00	30.43 0.58 0.00	33.30 0.50 0.00
EAST_PULASKI___ESR 323781	42.93 -0.96 0.00	40.76 -0.94 0.00	39.63 -0.98 0.00	38.94 -0.96 0.00	39.08 -0.96 0.00	35.83 -0.88 0.00	39.72 -1.02 0.00	37.96 -1.04 0.00	36.63 -0.93 0.00	36.19 -0.86 0.00	41.08 -0.90 0.00	38.39 -0.79 0.00	38.65 -0.80 0.00	33.97 -0.55 0.00	32.51 -0.56 0.00	33.66 -0.56 0.00	35.31 -0.81 -0.04	31.36 -0.96 -0.06	32.35 -1.02 -0.15	27.94 -0.87 -0.35	29.16 -0.79 -0.06	31.56 -0.57 0.00	29.28 -0.56 0.00	32.07 -0.73 0.00
EAST_RIVER___1 323558	46.00 2.11 0.00	43.39 1.69 0.00	42.16 1.55 0.00	41.39 1.49 0.00	41.55 1.51 0.00	38.43 1.72 0.00	42.85 2.11 0.00	41.36 2.30 -0.06	40.61 2.32 -0.73	39.33 2.27 0.00	44.67 2.69 0.00	41.70 2.53 0.00	42.03 2.58 0.00	36.66 2.13 0.00	35.09 2.02 0.00	36.25 2.02 0.00	38.80 2.25 -0.47	35.16 2.11 -0.78	37.41 2.19 -2.01	34.97 1.89 -4.62	32.70 2.01 -0.80	34.12 1.99 0.00	31.66 1.81 0.00	34.62 1.82 0.00
EAST_RIVER___2 323559	46.03 2.14 0.00	43.42 1.73 0.00	42.19 1.58 0.00	41.42 1.52 0.00	41.57 1.54 0.00	38.46 1.75 0.00	42.89 2.16 0.00	41.39 2.34 -0.06	40.66 2.37 -0.73	39.37 2.31 0.00	44.73 2.75 0.00	41.76 2.58 0.00	42.07 2.62 0.00	36.69 2.17 0.00	35.13 2.06 0.00	36.28 2.06 0.00	38.85 2.30 -0.47	35.20 2.15 -0.78	37.45 2.23 -2.01	34.99 1.92 -4.62	32.73 2.04 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.65 1.85 0.00
EAST___DELAWARE_HYD 23607	45.11 1.22 0.00	42.61 0.91 0.00	41.44 0.83 0.00	40.68 0.78 0.00	40.84 0.81 0.00	37.67 0.96 0.00	41.99 1.25 0.00	40.38 1.39 0.00	38.94 1.38 0.00	38.35 1.29 0.00	43.54 1.55 0.00	40.45 1.28 0.00	40.79 1.35 0.00	35.59 1.07 0.00	34.21 1.14 0.00	35.43 1.20 0.00	37.92 1.41 -0.43	34.35 1.38 -0.71	36.51 1.47 -1.83	33.93 1.26 -4.22	31.94 1.31 -0.73	33.37 1.24 0.00	30.96 1.11 0.00	33.84 1.04 0.00
EIGHT_POINT___WT_PWR 323820	41.95 -1.94 0.00	40.17 -1.53 0.00	39.31 -1.29 0.00	38.88 -1.01 0.00	38.95 -1.09 0.00	35.45 -1.27 0.00	39.91 -0.83 0.00	38.03 -0.97 0.00	36.20 -1.36 0.00	35.84 -1.22 0.00	40.19 -1.79 0.00	37.18 -2.00 0.00	37.21 -2.23 0.00	32.43 -2.09 0.00	30.26 -2.80 0.00	30.83 -3.40 0.00	32.74 -3.46 -0.10	29.30 -3.17 -0.20	30.32 -3.40 -0.51	26.75 -2.73 -1.03	27.36 -2.71 -0.18	29.14 -2.99 0.00	27.15 -2.70 0.00	30.08 -2.72 0.00
ELBRIDGE_115KV_TB2 80188	43.06 -0.83 0.00	40.97 -0.73 0.00	39.82 -0.79 0.00	39.21 -0.69 0.00	39.33 -0.70 0.00	35.98 -0.73 0.00	39.94 -0.80 0.00	38.18 -0.82 0.00	36.75 -0.80 0.00	36.24 -0.81 0.00	41.02 -0.96 0.00	38.30 -0.87 0.00	38.59 -0.85 0.00	33.82 -0.70 0.00	32.33 -0.74 0.00	33.54 -0.69 0.00	35.40 -0.74 -0.05	31.70 -0.65 -0.09	32.77 -0.67 -0.22	28.45 -0.52 -0.52	29.51 -0.47 -0.09	31.72 -0.41 0.00	29.45 -0.40 0.00	32.38 -0.42 0.00
ELEC_TRO_TEK 24086	46.07 2.19 0.00	43.36 1.67 0.00	42.07 1.46 0.00	41.33 1.44 0.00	41.53 1.50 0.00	38.53 1.82 0.00	42.70 1.96 0.00	40.96 1.96 0.00	39.52 1.96 0.00	39.04 1.99 0.00	69.33 2.70 -24.66	41.90 2.71 -0.01	42.18 2.72 -0.01	36.63 2.11 0.00	34.90 1.84 0.00	36.00 1.78 0.00	38.52 1.97 -0.47	35.01 1.96 -0.78	37.27 2.05 -2.01	34.91 1.84 -4.62	32.69 2.00 -0.80	34.23 2.11 0.00	31.81 1.95 0.00	34.80 2.00 0.00
ELLENBURG_WT_PWR 323604	45.04 1.15 0.00	43.37 1.68 0.00	42.04 1.43 0.00	41.31 1.41 0.00	41.36 1.33 0.00	37.45 0.74 0.00	41.53 0.79 0.00	39.55 0.55 0.00	37.61 0.05 0.00	37.31 0.25 0.00	42.38 0.40 0.00	39.23 0.05 0.00	39.52 0.08 0.00	34.44 -0.08 0.00	32.98 -0.09 0.00	34.13 -0.09 0.00	35.92 -0.17 0.00	32.41 0.14 0.00	33.33 0.12 0.00	27.33 -1.13 0.00	28.80 -1.09 0.00	31.44 -0.69 0.00	29.09 -0.75 0.00	32.30 -0.50 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.23 -0.66 0.00	41.56 -0.13 0.00	40.24 -0.36 0.00	39.74 -0.15 0.00	39.73 -0.30 0.00	35.58 -1.13 0.00	39.44 -1.30 0.00	37.17 -1.83 0.00	35.44 -2.11 0.00	35.11 -1.94 0.00	39.63 -2.35 0.00	36.99 -2.19 0.00	37.00 -2.45 0.00	32.24 -2.28 0.00	30.73 -2.33 0.00	31.74 -2.49 0.00	33.71 -2.46 -0.08	30.17 -2.22 -0.12	31.07 -2.45 -0.31	27.22 -2.00 -0.76	28.18 -1.84 -0.13	30.17 -1.96 0.00	28.17 -1.67 0.00	31.45 -1.35 0.00
EMPIRE_CC_1 323656	45.16 1.27 0.00	42.83 1.13 0.00	41.73 1.12 0.00	40.94 1.04 0.00	41.15 1.11 0.00	37.81 1.10 0.00	41.87 1.14 0.00	40.02 1.02 0.00	38.57 1.01 0.00	38.00 0.94 0.00	43.07 1.09 0.00	40.22 1.04 0.00	40.46 1.02 0.00	35.40 0.88 0.00	33.96 0.89 0.00	35.12 0.90 0.00	37.63 1.00 -0.55	34.02 0.84 -0.91	36.47 0.90 -2.36	34.66 0.77 -5.44	31.70 0.86 -0.95	32.97 0.84 0.00	30.73 0.88 0.00	33.80 0.99 0.00
EMPIRE_CC_2 323658	45.16 1.27 0.00	42.83 1.13 0.00	41.73 1.12 0.00	40.94 1.04 0.00	41.15 1.11 0.00	37.81 1.10 0.00	41.87 1.14 0.00	40.02 1.02 0.00	38.57 1.01 0.00	38.00 0.94 0.00	43.07 1.09 0.00	40.22 1.04 0.00	40.46 1.02 0.00	35.40 0.88 0.00	33.96 0.89 0.00	35.12 0.90 0.00	37.63 1.00 -0.55	34.02 0.84 -0.91	36.47 0.90 -2.36	34.66 0.77 -5.44	31.70 0.86 -0.95	32.97 0.84 0.00	30.73 0.88 0.00	33.80 0.99 0.00
ENORWICH_115KV_TB1 80156	44.77 0.88 0.00	42.73 1.03 0.00	41.64 1.03 0.00	40.88 0.98 0.00	41.10 1.06 0.00	37.93 1.22 0.00	42.29 1.56 0.00	40.43 1.43 0.00	38.97 1.41 0.00	38.33 1.28 0.00	43.41 1.43 0.00	40.17 0.99 0.00	40.47 1.03 0.00	35.68 1.16 0.00	34.00 0.93 0.00	35.94 1.71 0.00	38.03 1.79 -0.15	33.20 0.68 -0.25	34.31 0.45 -0.65	30.51 0.58 -1.49	30.74 0.59 -0.26	33.31 1.18 0.00	30.84 0.99 0.00	33.31 0.50 0.00
ERIE_ST__34_KV_TB1-2 80199	43.63 -0.26 0.00	41.87 0.17 0.00	40.55 -0.05 0.00	40.01 0.11 0.00	40.02 -0.02 0.00	35.89 -0.83 0.00	39.85 -0.89 0.00	37.65 -1.34 0.00	35.94 -1.62 0.00	35.64 -1.41 0.00	40.28 -1.70 0.00	37.61 -1.56 0.00	37.64 -1.80 0.00	32.84 -1.68 0.00	31.30 -1.77 0.00	32.34 -1.88 0.00	34.27 -1.89 -0.08	30.71 -1.68 -0.13	31.62 -1.92 -0.33	27.68 -1.56 -0.79	28.66 -1.36 -0.14	30.68 -1.45 0.00	28.62 -1.23 0.00	31.93 -0.87 0.00
ERIE_WT_PWR 323693	43.41 -0.48 0.00	41.67 -0.03 0.00	40.38 -0.22 0.00	39.86 -0.03 0.00	39.83 -0.21 0.00	35.77 -0.94 0.00	39.67 -1.07 0.00	37.43 -1.57 0.00	35.69 -1.87 0.00	35.36 -1.70 0.00	39.90 -2.08 0.00	37.31 -1.86 0.00	37.28 -2.17 0.00	32.42 -2.09 0.00	30.90 -2.17 0.00	31.93 -2.30 0.00	33.87 -2.30 -0.08	30.35 -2.04 -0.12	31.25 -2.04 -0.32	27.37 -1.86 -0.78	28.35 -1.68 -0.14	30.31 -1.82 0.00	28.31 -1.53 0.00	31.59 -1.21 0.00
ESPRGFLD_115KV_TB1 80157	43.67 -0.22 0.00	41.55 -0.14 0.00	40.49 -0.12 0.00	39.76 -0.14 0.00	39.93 -0.11 0.00	36.55 -0.16 0.00	40.61 -0.13 0.00	38.92 -0.08 0.00	37.46 -0.10 0.00	36.99 -0.06 0.00	42.00 0.02 0.00	39.18 0.01 0.00	39.42 -0.03 0.00	34.54 0.02 0.00	33.06 0.00 0.00	34.23 0.00 0.00	36.07 -0.03 -0.01	32.16 -0.13 -0.02	32.88 -0.38 -0.05	28.26 -0.32 -0.13	29.58 -0.34 -0.02	31.88 -0.25 0.00	29.64 -0.20 0.00	32.47 -0.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.97 0.08 0.00	41.84 0.14 0.00	40.69 0.08 0.00	40.04 0.14 0.00	40.17 0.13 0.00	36.78 0.06 0.00	40.92 0.19 0.00	39.14 0.15 0.00	37.66 0.11 0.00	37.07 0.02 0.00	41.91 -0.07 0.00	39.05 -0.13 0.00	39.41 -0.04 0.00	34.48 -0.04 0.00	32.86 -0.20 0.00	34.31 0.08 0.00	36.29 0.09 -0.11	32.48 0.02 -0.19	33.70 0.01 -0.48	29.60 0.05 -1.09	30.21 0.13 -0.19	32.31 0.19 0.00	30.00 0.16 0.00	32.92 0.12 0.00
ETNA____115KV_TB2 80207	43.97 0.08 0.00	41.84 0.14 0.00	40.69 0.08 0.00	40.04 0.14 0.00	40.17 0.13 0.00	36.78 0.06 0.00	40.92 0.19 0.00	39.14 0.15 0.00	37.66 0.11 0.00	37.07 0.02 0.00	41.91 -0.07 0.00	39.05 -0.13 0.00	39.41 -0.04 0.00	34.48 -0.04 0.00	32.86 -0.20 0.00	34.31 0.08 0.00	36.29 0.09 -0.11	32.48 0.02 -0.19	33.70 0.01 -0.48	29.60 0.05 -1.09	30.21 0.13 -0.19	32.31 0.19 0.00	30.00 0.16 0.00	32.92 0.12 0.00
EUCLID___115KV_TB2 356179	42.88 -1.00 0.00	40.80 -0.90 0.00	39.71 -0.90 0.00	39.05 -0.85 0.00	39.17 -0.87 0.00	35.88 -0.83 0.00	39.80 -0.94 0.00	38.05 -0.95 0.00	36.64 -0.91 0.00	36.15 -0.91 0.00	40.93 -1.05 0.00	38.24 -0.94 0.00	38.50 -0.94 0.00	33.75 -0.77 0.00	32.31 -0.75 0.00	33.45 -0.78 0.00	35.29 -0.84 -0.04	31.57 -0.76 -0.07	32.56 -0.82 -0.17	28.21 -0.64 -0.40	29.36 -0.60 -0.07	31.58 -0.55 0.00	29.35 -0.49 0.00	32.25 -0.55 0.00
E_CANADA_CAP_HY 24051	43.56 -0.33 0.00	41.42 -0.28 0.00	40.33 -0.28 0.00	39.58 -0.32 0.00	39.78 -0.26 0.00	36.39 -0.32 0.00	40.35 -0.39 0.00	38.66 -0.33 0.00	37.16 -0.39 0.00	36.68 -0.38 0.00	41.60 -0.38 0.00	38.88 -0.30 0.00	39.09 -0.35 0.00	34.26 -0.26 0.00	32.87 -0.20 0.00	34.02 -0.20 0.00	36.46 -0.31 -0.68	33.06 -0.34 -1.13	35.46 -0.68 -2.93	34.58 -0.60 -6.73	30.41 -0.65 -1.17	31.56 -0.57 0.00	29.40 -0.45 0.00	32.17 -0.63 0.00
E_CANADA_MHWK_HY 24050	47.29 3.40 0.00	44.82 3.12 0.00	43.61 3.00 0.00	42.88 2.98 0.00	43.08 3.04 0.00	39.66 2.95 0.00	44.05 3.32 0.00	42.26 3.26 0.00	40.63 3.08 0.00	39.88 2.83 0.00	44.98 3.00 0.00	41.99 2.81 0.00	42.11 2.67 0.00	36.87 2.35 0.00	35.35 2.28 0.00	36.86 2.64 0.00	39.03 2.94 0.00	34.98 2.72 0.00	35.60 2.39 0.00	30.48 2.04 0.00	32.11 2.22 0.00	34.34 2.21 0.00	31.90 2.05 0.00	34.87 2.07 0.00
E_FISHKILL___LBMP 23776	45.52 1.63 0.00	42.98 1.28 0.00	41.82 1.21 0.00	41.05 1.16 0.00	41.21 1.17 0.00	38.06 1.34 0.00	42.34 1.60 0.00	40.71 1.71 0.00	39.29 1.73 0.00	38.73 1.67 0.00	43.97 1.99 0.00	41.06 1.88 0.00	41.36 1.91 0.00	36.10 1.58 0.00	34.57 1.50 0.00	35.73 1.51 0.00	38.26 1.69 -0.47	34.67 1.61 -0.79	36.95 1.69 -2.05	34.64 1.47 -4.72	32.27 1.56 -0.82	33.67 1.55 0.00	31.30 1.45 0.00	34.27 1.47 0.00
FALCON___SEABRD_CC1 323796	45.61 1.72 0.00	43.87 2.17 0.00	42.58 1.97 0.00	41.88 1.98 0.00	41.92 1.88 0.00	38.00 1.29 0.00	42.14 1.41 0.00	40.17 1.18 0.00	38.19 0.63 0.00	37.79 0.74 0.00	42.98 1.00 0.00	39.79 0.62 0.00	40.10 0.66 0.00	34.90 0.38 0.00	33.44 0.37 0.00	34.65 0.43 0.00	36.48 0.39 0.00	32.88 0.61 0.00	33.82 0.62 0.00	27.71 -0.74 0.00	29.10 -0.79 0.00	31.75 -0.38 0.00	29.39 -0.46 0.00	32.70 -0.10 0.00
FALCON___SEABRD_CC2 323797	45.61 1.72 0.00	43.87 2.17 0.00	42.58 1.97 0.00	41.88 1.98 0.00	41.92 1.88 0.00	38.00 1.29 0.00	42.14 1.41 0.00	40.17 1.18 0.00	38.19 0.63 0.00	37.79 0.74 0.00	42.98 1.00 0.00	39.79 0.62 0.00	40.10 0.66 0.00	34.90 0.38 0.00	33.44 0.37 0.00	34.65 0.43 0.00	36.48 0.39 0.00	32.88 0.61 0.00	33.82 0.62 0.00	27.71 -0.74 0.00	29.10 -0.79 0.00	31.75 -0.38 0.00	29.39 -0.46 0.00	32.70 -0.10 0.00



FAR ROCKAWAY___4 23548	46.67 2.78 0.00	43.91 2.21 0.00	42.57 1.96 0.00	41.81 1.91 0.00	42.03 1.99 0.00	38.99 2.27 0.00	43.23 2.50 0.00	41.45 2.45 0.00	40.00 2.44 0.00	39.53 2.48 0.00	68.53 3.27 -23.28	42.50 3.32 -0.01	42.79 3.34 -0.01	37.16 2.64 0.00	35.38 2.31 0.00	36.50 2.27 0.00	39.05 2.49 -0.47	35.49 2.45 -0.78	37.76 2.55 -2.01	35.33 2.26 -4.62	33.17 2.48 -0.80	34.71 2.58 0.00	32.25 2.40 0.00	35.27 2.46 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.01 2.13 0.00	43.38 1.69 0.00	42.18 1.58 0.00	41.43 1.53 0.00	41.57 1.53 0.00	38.47 1.76 0.00	42.88 2.15 0.00	41.42 2.33 -0.10	41.20 2.35 -1.29	39.35 2.29 0.00	44.68 2.70 0.00	41.73 2.55 0.00	42.05 2.60 0.00	36.67 2.15 0.00	35.11 2.04 0.00	36.26 2.04 0.00	38.83 2.27 -0.47	35.17 2.13 -0.78	37.43 2.21 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.14 2.01 0.00	31.69 1.84 0.00	34.65 1.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.04 2.16 0.00	43.42 1.72 0.00	42.20 1.60 0.00	41.45 1.55 0.00	41.59 1.56 0.00	38.50 1.78 0.00	42.90 2.17 0.00	41.46 2.36 -0.10	41.22 2.37 -1.29	39.36 2.31 0.00	44.70 2.72 0.00	41.75 2.57 0.00	42.06 2.62 0.00	36.69 2.17 0.00	35.12 2.05 0.00	36.28 2.06 0.00	38.84 2.28 -0.47	35.19 2.15 -0.78	37.45 2.23 -2.01	35.00 1.93 -4.62	32.76 2.06 -0.80	34.17 2.04 0.00	31.71 1.86 0.00	34.67 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.00 2.11 0.00	43.37 1.67 0.00	42.16 1.56 0.00	41.41 1.51 0.00	41.55 1.52 0.00	38.46 1.75 0.00	42.86 2.13 0.00	41.42 2.32 -0.10	41.19 2.34 -1.29	39.33 2.27 0.00	44.66 2.68 0.00	41.71 2.53 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.09 2.02 0.00	36.25 2.02 0.00	38.80 2.25 -0.47	35.16 2.12 -0.78	37.41 2.20 -2.01	34.97 1.90 -4.62	32.72 2.02 -0.80	34.12 2.00 0.00	31.67 1.82 0.00	34.63 1.83 0.00
FARRAGUT___LBMP 323566	45.97 2.08 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.84 2.10 0.00	41.38 2.28 -0.10	41.16 2.30 -1.29	39.29 2.24 0.00	44.63 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.22 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.87 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.62 1.82 0.00
FENNER___WINDPWR 24204	44.29 0.41 0.00	42.19 0.49 0.00	41.07 0.47 0.00	40.36 0.47 0.00	40.53 0.49 0.00	37.19 0.48 0.00	41.34 0.60 0.00	39.58 0.58 0.00	38.15 0.60 0.00	37.60 0.54 0.00	42.56 0.59 0.00	39.78 0.60 0.00	40.06 0.62 0.00	35.17 0.65 0.00	33.64 0.57 0.00	34.86 0.63 0.00	36.73 0.59 -0.06	32.65 0.29 -0.10	33.75 0.28 -0.26	29.27 0.23 -0.59	30.31 0.32 -0.10	32.56 0.44 0.00	30.13 0.28 0.00	32.97 0.17 0.00
FIBERTEK___ENERGY 23856	43.25 -0.64 0.00	41.14 -0.56 0.00	40.01 -0.59 0.00	39.37 -0.53 0.00	39.49 -0.54 0.00	36.17 -0.54 0.00	40.15 -0.58 0.00	38.39 -0.61 0.00	36.96 -0.60 0.00	36.45 -0.60 0.00	41.29 -0.68 0.00	38.56 -0.62 0.00	38.85 -0.60 0.00	34.04 -0.48 0.00	32.55 -0.51 0.00	33.76 -0.46 0.00	35.63 -0.51 -0.05	31.89 -0.46 -0.08	32.94 -0.49 -0.21	28.58 -0.36 -0.49	29.66 -0.31 -0.08	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
FITZPATRICK___ 23598	42.28 -1.61 0.00	40.23 -1.47 0.00	39.18 -1.43 0.00	38.53 -1.37 0.00	38.64 -1.40 0.00	35.41 -1.30 0.00	39.24 -1.50 0.00	37.51 -1.49 0.00	36.13 -1.43 0.00	35.66 -1.40 0.00	40.34 -1.64 0.00	37.68 -1.49 0.00	37.95 -1.49 0.00	33.28 -1.24 0.00	31.86 -1.21 0.00	32.99 -1.23 0.00	34.78 -1.35 -0.03	31.11 -1.21 -0.05	32.05 -1.19 -0.13	27.71 -1.04 -0.30	28.92 -1.02 -0.05	31.16 -0.96 0.00	28.98 -0.87 0.00	31.84 -0.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.06 2.18 0.00	43.48 1.78 0.00	42.29 1.68 0.00	41.52 1.62 0.00	41.69 1.65 0.00	38.49 1.78 0.00	42.85 2.12 0.00	41.24 2.25 0.00	39.79 2.23 0.00	39.22 2.17 0.00	44.54 2.56 0.00	41.57 2.39 0.00	41.86 2.41 0.00	36.54 2.02 0.00	35.02 1.95 0.00	36.21 1.98 0.00	38.78 2.22 -0.47	35.14 2.10 -0.78	37.42 2.19 -2.02	34.98 1.89 -4.64	32.67 1.98 -0.81	34.10 1.97 0.00	31.66 1.81 0.00	34.65 1.84 0.00
FORT ORANGE___ 23900	45.21 1.32 0.00	42.88 1.18 0.00	41.76 1.16 0.00	40.99 1.10 0.00	41.19 1.15 0.00	37.87 1.15 0.00	42.01 1.28 0.00	40.26 1.27 0.00	38.81 1.26 0.00	38.19 1.14 0.00	43.23 1.25 0.00	40.32 1.14 0.00	40.54 1.10 0.00	35.51 0.99 0.00	34.08 1.01 0.00	35.27 1.05 0.00	37.83 1.17 -0.56	34.27 1.07 -0.94	36.75 1.12 -2.43	34.98 0.94 -5.59	31.87 1.01 -0.97	33.13 1.01 0.00	30.82 0.98 0.00	33.86 1.06 0.00
FORT_DRUM_COGEN 23780	43.82 -0.06 0.00	41.52 -0.17 0.00	40.25 -0.36 0.00	39.47 -0.43 0.00	39.66 -0.38 0.00	36.47 -0.24 0.00	40.45 -0.29 0.00	38.61 -0.39 0.00	37.43 -0.13 0.00	37.03 -0.02 0.00	42.15 0.17 0.00	39.51 0.33 0.00	39.72 0.27 0.00	35.11 0.58 0.00	33.56 0.49 0.00	34.79 0.57 0.00	36.09 -0.02 -0.02	31.40 -0.91 -0.04	32.38 -0.93 -0.11	27.66 -1.04 -0.25	29.17 -0.76 -0.04	31.94 -0.18 0.00	29.36 -0.49 0.00	31.96 -0.84 0.00
FOX_HILLS___ESR 323835	45.86 1.98 0.00	43.43 1.74 0.00	42.35 1.74 0.00	41.59 1.69 0.00	41.73 1.70 0.00	38.65 1.94 0.00	42.87 2.13 0.00	41.33 2.23 -0.10	41.30 2.47 -1.28	39.18 2.12 0.00	44.47 2.49 0.00	41.51 2.34 0.00	41.84 2.40 0.00	36.48 1.96 0.00	34.95 1.88 0.00	36.09 1.87 0.00	38.67 2.11 -0.47	35.04 2.00 -0.78	37.29 2.08 -2.01	34.89 1.82 -4.62	32.64 1.95 -0.80	34.03 1.90 0.00	31.58 1.74 0.00	34.70 1.90 0.00
FPL_FAR_ROCK_GT1 24212	46.67 2.78 0.00	43.92 2.22 0.00	42.56 1.95 0.00	41.81 1.91 0.00	42.03 1.99 0.00	38.98 2.26 0.00	43.23 2.50 0.00	41.45 2.45 0.00	40.00 2.44 0.00	39.54 2.48 0.00	68.52 3.26 -23.28	42.50 3.32 -0.01	42.79 3.34 -0.01	37.16 2.64 0.00	35.38 2.31 0.00	36.50 2.27 0.00	39.05 2.49 -0.47	35.49 2.45 -0.78	37.76 2.55 -2.01	35.33 2.26 -4.62	33.17 2.48 -0.80	34.71 2.58 0.00	32.24 2.40 0.00	35.26 2.47 0.00
FPL_FAR_ROCK_GT2 23815	46.67 2.78 0.00	43.92 2.22 0.00	42.56 1.95 0.00	41.81 1.91 0.00	42.03 1.99 0.00	38.98 2.26 0.00	43.23 2.50 0.00	41.45 2.45 0.00	40.00 2.44 0.00	39.54 2.48 0.00	68.52 3.26 -23.28	42.50 3.32 -0.01	42.79 3.34 -0.01	37.16 2.64 0.00	35.38 2.31 0.00	36.50 2.27 0.00	39.05 2.49 -0.47	35.49 2.45 -0.78	37.76 2.55 -2.01	35.33 2.26 -4.62	33.17 2.48 -0.80	34.71 2.58 0.00	32.24 2.40 0.00	35.26 2.47 0.00
FRANKLIN_FALL_HYD 24054	45.55 1.67 0.00	43.93 2.23 0.00	42.54 1.93 0.00	41.79 1.89 0.00	41.80 1.76 0.00	37.77 1.06 0.00	41.90 1.16 0.00	39.93 0.93 0.00	37.98 0.43 0.00	37.79 0.73 0.00	42.92 0.94 0.00	39.71 0.53 0.00	39.94 0.49 0.00	34.81 0.29 0.00	33.35 0.28 0.00	34.53 0.30 0.00	36.27 0.18 0.00	32.74 0.47 0.00	33.63 0.42 0.00	27.62 -0.83 0.00	29.11 -0.78 0.00	31.83 -0.30 0.00	29.46 -0.39 0.00	32.69 -0.11 0.00



FREEPORT_EQUS_GT1 23764	46.33 2.45 0.00	43.59 1.89 0.00	42.22 1.62 0.00	41.48 1.58 0.00	41.70 1.67 0.00	38.71 2.00 0.00	42.88 2.14 0.00	41.12 2.12 0.00	39.64 2.08 0.00	39.18 2.12 0.00	63.89 2.92 -18.99	42.19 3.00 0.00	42.47 3.02 -0.01	36.85 2.33 0.00	35.09 2.02 0.00	36.16 1.94 0.00	38.69 2.13 -0.47	35.19 2.15 -0.78	37.47 2.25 -2.01	35.08 2.01 -4.62	32.90 2.21 -0.80	34.48 2.36 0.00	32.04 2.19 0.00	35.05 2.25 0.00
FREEPORT___CT2 23818	46.33 2.45 0.00	43.59 1.89 0.00	42.22 1.62 0.00	41.48 1.58 0.00	41.70 1.67 0.00	38.71 2.00 0.00	42.88 2.14 0.00	41.12 2.12 0.00	39.64 2.08 0.00	39.18 2.12 0.00	63.89 2.92 -18.99	42.19 3.00 0.00	42.47 3.02 -0.01	36.85 2.33 0.00	35.09 2.02 0.00	36.16 1.94 0.00	38.69 2.13 -0.47	35.19 2.15 -0.78	37.47 2.25 -2.01	35.08 2.01 -4.62	32.90 2.21 -0.80	34.48 2.36 0.00	32.04 2.19 0.00	35.05 2.25 0.00
FRESHKLS_33_KV_LOAD 356253	45.87 1.98 0.00	43.62 1.92 0.00	42.63 2.02 0.00	41.87 1.97 0.00	42.02 1.99 0.00	38.91 2.20 0.00	43.01 2.27 0.00	41.36 2.26 -0.10	41.33 2.50 -1.28	39.18 2.13 0.00	44.47 2.49 0.00	41.50 2.32 0.00	41.84 2.40 0.00	36.48 1.96 0.00	34.96 1.89 0.00	36.09 1.87 0.00	38.68 2.13 -0.47	35.06 2.02 -0.78	37.31 2.09 -2.01	34.91 1.84 -4.62	32.65 1.96 -0.80	34.03 1.90 0.00	31.59 1.75 0.00	34.86 2.06 0.00
FULTON COGEN____ 23766	42.47 -1.42 0.00	40.38 -1.32 0.00	39.31 -1.29 0.00	38.65 -1.25 0.00	38.77 -1.27 0.00	35.55 -1.17 0.00	39.42 -1.32 0.00	37.71 -1.29 0.00	36.32 -1.24 0.00	35.84 -1.21 0.00	40.59 -1.39 0.00	37.89 -1.29 0.00	38.18 -1.26 0.00	33.47 -1.05 0.00	32.04 -1.03 0.00	33.20 -1.03 0.00	35.01 -1.12 -0.04	31.32 -1.01 -0.06	32.30 -1.08 -0.17	27.97 -0.86 -0.38	29.12 -0.84 -0.07	31.35 -0.78 0.00	29.14 -0.71 0.00	31.99 -0.81 0.00
FULTON___LFGE 323630	44.79 0.90 0.00	42.54 0.84 0.00	41.39 0.79 0.00	40.62 0.73 0.00	40.82 0.78 0.00	37.41 0.70 0.00	41.60 0.86 0.00	39.90 0.91 0.00	38.36 0.80 0.00	37.79 0.74 0.00	42.75 0.77 0.00	39.97 0.79 0.00	40.11 0.67 0.00	35.19 0.67 0.00	33.80 0.73 0.00	35.10 0.87 0.00	37.62 0.89 -0.64	34.15 0.81 -1.07	36.60 0.61 -2.78	35.35 0.50 -6.40	31.51 0.51 -1.11	32.71 0.58 0.00	30.41 0.56 0.00	33.31 0.51 0.00
G.F.CEMENT___DRP 24184	46.45 2.56 0.00	43.94 2.24 0.00	42.74 2.13 0.00	42.00 2.10 0.00	42.21 2.17 0.00	38.82 2.11 0.00	43.22 2.48 0.00	41.47 2.48 0.00	40.00 2.44 0.00	39.37 2.32 0.00	44.60 2.62 0.00	41.57 2.39 0.00	41.80 2.36 0.00	36.47 1.94 0.00	35.00 1.94 0.00	36.33 2.11 0.00	39.00 2.32 -0.59	35.37 2.12 -0.98	37.93 2.19 -2.53	36.03 1.74 -5.83	32.68 1.78 -1.02	33.86 1.73 0.00	31.39 1.54 0.00	34.47 1.67 0.00
GARDENVILLE___LBMP 24039	43.24 -0.64 0.00	41.56 -0.13 0.00	40.24 -0.36 0.00	39.74 -0.15 0.00	39.74 -0.29 0.00	35.60 -1.11 0.00	39.49 -1.25 0.00	37.24 -1.76 0.00	35.51 -2.04 0.00	35.17 -1.88 0.00	39.69 -2.29 0.00	37.04 -2.13 0.00	37.02 -2.43 0.00	32.24 -2.28 0.00	30.73 -2.33 0.00	31.75 -2.48 0.00	33.69 -2.48 -0.08	30.16 -2.23 -0.12	31.07 -2.46 -0.32	27.22 -2.01 -0.78	28.17 -1.85 -0.13	30.15 -1.98 0.00	28.15 -1.70 0.00	31.42 -1.38 0.00
GARDNVLA_35_KV_LD 355827	43.59 -0.30 0.00	41.87 0.17 0.00	40.55 -0.06 0.00	40.03 0.13 0.00	40.02 -0.02 0.00	35.88 -0.84 0.00	39.83 -0.91 0.00	37.59 -1.41 0.00	35.86 -1.70 0.00	35.53 -1.52 0.00	40.11 -1.87 0.00	37.47 -1.70 0.00	37.47 -1.97 0.00	32.62 -1.90 0.00	31.08 -1.99 0.00	32.11 -2.11 0.00	34.10 -2.07 -0.08	30.54 -1.85 -0.12	31.46 -2.08 -0.32	27.55 -1.68 -0.78	28.51 -1.52 -0.14	30.50 -1.63 0.00	28.47 -1.38 0.00	31.75 -1.06 0.00
GELCKHM___115KV_LOAD 80723	43.03 -0.86 0.00	40.93 -0.77 0.00	39.83 -0.78 0.00	39.17 -0.72 0.00	39.29 -0.74 0.00	35.99 -0.72 0.00	39.93 -0.81 0.00	38.18 -0.82 0.00	36.75 -0.80 0.00	36.26 -0.79 0.00	41.06 -0.92 0.00	38.36 -0.82 0.00	38.64 -0.81 0.00	33.86 -0.65 0.00	32.40 -0.66 0.00	33.57 -0.65 0.00	35.41 -0.72 -0.04	31.70 -0.64 -0.07	32.71 -0.68 -0.19	28.34 -0.54 -0.43	29.46 -0.51 -0.07	31.69 -0.44 0.00	29.45 -0.40 0.00	32.36 -0.44 0.00
GENERAL___MILLS 23808	43.41 -0.48 0.00	41.73 0.03 0.00	40.40 -0.21 0.00	39.88 -0.01 0.00	39.87 -0.16 0.00	35.74 -0.97 0.00	39.66 -1.08 0.00	37.40 -1.59 0.00	35.68 -1.88 0.00	35.35 -1.70 0.00	39.89 -2.08 0.00	37.27 -1.91 0.00	37.26 -2.19 0.00	32.45 -2.08 0.00	30.91 -2.15 0.00	31.93 -2.29 0.00	33.90 -2.27 -0.08	30.35 -2.04 -0.12	31.26 -2.27 -0.32	27.38 -1.85 -0.78	28.34 -1.68 -0.14	30.32 -1.81 0.00	28.32 -1.53 0.00	31.60 -1.20 0.00
GE_PLASTICS___DRP 24183	44.93 1.05 0.00	42.63 0.93 0.00	41.55 0.94 0.00	40.79 0.89 0.00	40.96 0.92 0.00	37.63 0.92 0.00	41.73 0.99 0.00	39.99 0.99 0.00	38.54 0.98 0.00	37.98 0.92 0.00	43.00 1.02 0.00	40.12 0.95 0.00	40.38 0.94 0.00	35.34 0.82 0.00	33.87 0.81 0.00	35.05 0.82 0.00	37.57 0.91 -0.56	34.04 0.83 -0.94	36.52 0.88 -2.43	34.79 0.75 -5.59	31.69 0.83 -0.97	32.94 0.81 0.00	30.64 0.80 0.00	33.66 0.86 0.00
GILBOA___1 23756	44.79 0.90 0.00	42.60 0.90 0.00	41.62 1.02 0.00	40.87 0.97 0.00	41.02 0.98 0.00	37.48 0.77 0.00	41.58 0.84 0.00	39.85 0.85 0.00	38.41 0.85 0.00	37.87 0.81 0.00	42.95 0.96 0.00	40.06 0.89 0.00	40.35 0.90 0.00	35.28 0.75 0.00	33.79 0.72 0.00	34.96 0.74 0.00	37.35 0.81 -0.45	33.73 0.71 -0.75	35.96 0.81 -1.94	33.61 0.70 -4.46	31.44 0.78 -0.78	32.89 0.76 0.00	30.57 0.72 0.00	33.54 0.74 0.00
GILBOA___2 23757	44.79 0.90 0.00	42.60 0.90 0.00	41.62 1.02 0.00	40.87 0.97 0.00	41.02 0.98 0.00	37.48 0.77 0.00	41.58 0.84 0.00	39.85 0.85 0.00	38.41 0.85 0.00	37.87 0.81 0.00	42.95 0.96 0.00	40.06 0.89 0.00	40.35 0.90 0.00	35.28 0.75 0.00	33.79 0.72 0.00	34.96 0.74 0.00	37.35 0.81 -0.45	33.73 0.71 -0.75	35.96 0.81 -1.94	33.61 0.70 -4.46	31.44 0.78 -0.78	32.89 0.76 0.00	30.57 0.72 0.00	33.54 0.74 0.00
GILBOA___3 23758	44.79 0.90 0.00	42.60 0.90 0.00	41.62 1.02 0.00	40.87 0.97 0.00	41.02 0.98 0.00	37.48 0.77 0.00	41.58 0.84 0.00	39.85 0.85 0.00	38.41 0.85 0.00	37.87 0.81 0.00	42.95 0.96 0.00	40.06 0.89 0.00	40.35 0.90 0.00	35.28 0.75 0.00	33.79 0.72 0.00	34.96 0.74 0.00	37.35 0.81 -0.45	33.73 0.71 -0.75	35.96 0.81 -1.94	33.61 0.70 -4.46	31.44 0.78 -0.78	32.89 0.76 0.00	30.57 0.72 0.00	33.54 0.74 0.00
GILBOA___4 23759	44.79 0.90 0.00	42.60 0.90 0.00	41.62 1.02 0.00	40.87 0.97 0.00	41.02 0.98 0.00	37.48 0.77 0.00	41.58 0.84 0.00	39.85 0.85 0.00	38.41 0.85 0.00	37.87 0.81 0.00	42.95 0.96 0.00	40.06 0.89 0.00	40.35 0.90 0.00	35.28 0.75 0.00	33.79 0.72 0.00	34.96 0.74 0.00	37.35 0.81 -0.45	33.73 0.71 -0.75	35.96 0.81 -1.94	33.61 0.70 -4.46	31.44 0.78 -0.78	32.89 0.76 0.00	30.57 0.72 0.00	33.54 0.74 0.00



GILBOA____ 23599	44.79 0.90 0.00	42.60 0.90 0.00	41.63 1.02 0.00	40.88 0.98 0.00	41.02 0.98 0.00	37.49 0.78 0.00	41.58 0.84 0.00	39.85 0.85 0.00	38.41 0.85 0.00	37.87 0.81 0.00	42.94 0.96 0.00	40.06 0.88 0.00	40.35 0.90 0.00	35.27 0.75 0.00	33.79 0.73 0.00	34.96 0.74 0.00	37.35 0.81 -0.45	33.73 0.71 -0.75	35.96 0.81 -1.94	33.61 0.70 -4.46	31.45 0.78 -0.78	32.89 0.76 0.00	30.57 0.72 0.00	33.54 0.74 0.00
GINNA____ 23603	41.51 -2.37 0.00	39.68 -2.02 0.00	38.52 -2.08 0.00	37.94 -1.96 0.00	38.03 -2.01 0.00	34.58 -2.14 0.00	38.37 -2.36 0.00	36.48 -2.51 0.00	34.99 -2.57 0.00	34.58 -2.47 0.00	39.09 -2.89 0.00	36.54 -2.64 0.00	36.69 -2.75 0.00	32.16 -2.36 0.00	30.79 -2.28 0.00	31.85 -2.37 0.00	33.75 -2.39 -0.05	30.22 -2.13 -0.08	31.14 -2.29 -0.22	27.06 -1.91 -0.51	28.05 -1.93 -0.09	30.09 -2.04 0.00	27.97 -1.87 0.00	30.88 -1.92 0.00
GLEN PARK____ 23778	43.81 -0.07 0.00	41.50 -0.19 0.00	40.24 -0.37 0.00	39.45 -0.45 0.00	39.65 -0.39 0.00	36.49 -0.22 0.00	40.48 -0.26 0.00	38.65 -0.35 0.00	37.46 -0.09 0.00	37.05 0.00 0.00	42.19 0.21 0.00	39.52 0.34 0.00	39.73 0.29 0.00	35.15 0.63 0.00	33.58 0.52 0.00	34.82 0.60 0.00	36.16 0.04 -0.03	31.49 -0.82 -0.04	32.47 -0.85 -0.11	27.76 -0.94 -0.26	29.25 -0.69 -0.05	31.99 -0.14 0.00	29.42 -0.43 0.00	32.01 -0.79 0.00
GLENDALE_27_KV_LOAD 356172	46.18 2.29 0.00	43.56 1.86 0.00	42.35 1.74 0.00	41.59 1.69 0.00	41.73 1.69 0.00	38.65 1.93 0.00	43.05 2.31 0.00	41.64 2.54 -0.10	41.42 2.59 -1.28	39.49 2.44 0.00	44.84 2.86 0.00	41.88 2.70 0.00	42.21 2.77 0.00	36.80 2.28 0.00	35.23 2.17 0.00	36.39 2.17 0.00	38.95 2.40 -0.47	35.31 2.26 -0.78	37.55 2.34 -2.01	35.11 2.04 -4.62	32.87 2.17 -0.80	34.28 2.16 0.00	31.81 1.96 0.00	34.80 2.00 0.00
GLENWOOD_IC_1_G5 23712	46.17 2.28 0.00	43.48 1.78 0.00	42.22 1.61 0.00	41.46 1.56 0.00	41.65 1.62 0.00	38.58 1.87 0.00	42.84 2.10 0.00	41.17 2.17 0.00	39.72 2.17 0.00	39.23 2.17 0.00	68.74 2.79 -23.97	41.92 2.73 -0.01	42.21 2.76 -0.01	36.72 2.20 0.00	35.05 1.98 0.00	36.17 1.95 0.00	38.71 2.15 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	35.01 1.93 -4.62	32.77 2.08 -0.80	34.27 2.14 0.00	31.84 1.99 0.00	34.83 2.03 0.00
GLENWOOD_IC_2_G1 23688	45.98 2.09 0.00	43.34 1.64 0.00	42.08 1.47 0.00	41.32 1.43 0.00	41.51 1.48 0.00	38.43 1.71 0.00	42.71 1.97 0.00	41.06 2.07 0.00	39.63 2.07 0.00	39.09 2.04 0.00	45.57 2.58 -1.01	41.67 2.49 0.00	41.97 2.53 0.00	36.54 2.02 0.00	34.92 1.85 0.00	36.07 1.84 0.00	38.59 2.03 -0.47	35.02 1.97 -0.78	37.28 2.06 -2.01	34.88 1.81 -4.62	32.64 1.94 -0.80	34.11 1.98 0.00	31.68 1.84 0.00	34.66 1.86 0.00
GLENWOOD_IC_3_G1 23689	45.98 2.09 0.00	43.34 1.64 0.00	42.08 1.47 0.00	41.32 1.43 0.00	41.51 1.48 0.00	38.43 1.71 0.00	42.71 1.97 0.00	41.06 2.07 0.00	39.63 2.07 0.00	39.09 2.04 0.00	45.57 2.58 -1.01	41.67 2.49 0.00	41.97 2.53 0.00	36.54 2.02 0.00	34.92 1.85 0.00	36.07 1.84 0.00	38.59 2.03 -0.47	35.02 1.97 -0.78	37.28 2.06 -2.01	34.88 1.81 -4.62	32.64 1.94 -0.80	34.11 1.98 0.00	31.68 1.84 0.00	34.66 1.86 0.00
GLENWOOD____4 23550	46.17 2.28 0.00	43.48 1.78 0.00	42.22 1.61 0.00	41.46 1.56 0.00	41.65 1.62 0.00	38.58 1.87 0.00	42.84 2.10 0.00	41.17 2.17 0.00	39.72 2.17 0.00	39.23 2.17 0.00	68.74 2.79 -23.97	41.92 2.73 -0.01	42.21 2.76 -0.01	36.72 2.20 0.00	35.05 1.98 0.00	36.17 1.95 0.00	38.71 2.15 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	35.01 1.93 -4.62	32.77 2.08 -0.80	34.27 2.14 0.00	31.84 1.99 0.00	34.83 2.03 0.00
GLENWOOD____5 23614	46.17 2.28 0.00	43.48 1.78 0.00	42.22 1.61 0.00	41.46 1.56 0.00	41.65 1.62 0.00	38.58 1.87 0.00	42.84 2.10 0.00	41.17 2.17 0.00	39.72 2.17 0.00	39.23 2.17 0.00	68.74 2.79 -23.97	41.92 2.73 -0.01	42.21 2.76 -0.01	36.72 2.20 0.00	35.05 1.98 0.00	36.17 1.95 0.00	38.71 2.15 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	35.01 1.93 -4.62	32.77 2.08 -0.80	34.27 2.14 0.00	31.84 1.99 0.00	34.83 2.03 0.00
GLOBAL GREEN_PORT_GT1 23814	45.37 1.48 0.00	42.48 0.78 0.00	41.11 0.51 0.00	40.42 0.52 0.00	40.64 0.61 0.00	38.08 1.37 0.00	41.95 1.22 0.00	40.34 1.34 -0.15	39.08 1.37 -1.34	39.94 1.55 -13.52	57.91 2.40 0.00	41.91 2.73 0.00	42.17 2.72 -0.01	36.54 2.02 0.00	34.69 1.62 0.00	36.81 1.46 -1.13	38.43 1.53 -0.81	35.06 1.78 -1.02	37.44 1.90 -2.33	34.86 1.78 -4.62	32.64 1.94 -0.80	34.35 2.22 0.00	31.90 2.06 0.00	35.17 2.37 0.00
GLOBE____DSASP 323697	42.66 -1.22 0.00	41.15 -0.55 0.00	39.83 -0.78 0.00	39.30 -0.60 0.00	39.26 -0.78 0.00	35.08 -1.63 0.00	38.55 -2.19 0.00	36.20 -2.80 0.00	34.53 -3.03 0.00	34.21 -2.84 0.00	38.62 -3.36 0.00	35.90 -3.28 0.00	35.92 -3.52 0.00	31.31 -3.21 0.00	29.86 -3.20 0.00	30.82 -3.40 0.00	32.85 -3.31 -0.07	29.48 -2.90 -0.11	30.39 -3.12 -0.29	26.59 -2.57 -0.71	27.59 -2.42 -0.12	29.58 -2.55 0.00	27.69 -2.15 0.00	30.92 -1.88 0.00
GOETHSLN____LBMP 323567	45.86 1.97 0.00	43.19 1.49 0.00	41.98 1.37 0.00	41.23 1.33 0.00	41.37 1.33 0.00	38.31 1.59 0.00	42.72 1.99 0.00	41.30 2.20 -0.10	41.04 2.19 -1.29	39.20 2.15 0.00	44.50 2.52 0.00	41.55 2.37 0.00	41.88 2.44 0.00	36.52 2.00 0.00	34.98 1.91 0.00	36.11 1.89 0.00	38.68 2.13 -0.47	35.05 2.00 -0.78	37.31 2.09 -2.01	34.89 1.82 -4.62	32.64 1.94 -0.80	34.03 1.90 0.00	31.59 1.74 0.00	34.50 1.70 0.00
GOLAH____69_KV_TB 1_2 80279	43.91 0.02 0.00	42.08 0.38 0.00	40.83 0.22 0.00	40.21 0.32 0.00	40.27 0.23 0.00	36.48 -0.24 0.00	40.34 -0.40 0.00	38.26 -0.74 0.00	36.66 -0.90 0.00	36.24 -0.82 0.00	40.86 -1.11 0.00	38.29 -0.89 0.00	38.31 -1.13 0.00	33.54 -0.98 0.00	32.16 -0.91 0.00	33.27 -0.95 0.00	35.30 -0.85 -0.06	31.63 -0.73 -0.09	32.57 -0.87 -0.24	28.33 -0.68 -0.55	29.40 -0.59 -0.10	31.51 -0.62 0.00	29.35 -0.50 0.00	32.48 -0.32 0.00
GOODYEAR_LAKE_HYD 323669	44.53 0.64 0.00	42.32 0.62 0.00	41.26 0.65 0.00	40.53 0.63 0.00	40.68 0.65 0.00	37.28 0.57 0.00	41.45 0.72 0.00	39.73 0.74 0.00	38.28 0.72 0.00	37.75 0.70 0.00	42.85 0.87 0.00	39.94 0.76 0.00	40.19 0.75 0.00	35.20 0.67 0.00	33.67 0.61 0.00	34.88 0.66 0.00	36.95 0.71 -0.15	33.08 0.56 -0.25	34.36 0.50 -0.65	30.39 0.45 -1.49	30.64 0.49 -0.26	32.65 0.52 0.00	30.33 0.48 0.00	33.23 0.43 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.55 -0.33 0.00	41.44 -0.25 0.00	40.32 -0.28 0.00	39.68 -0.22 0.00	39.78 -0.25 0.00	36.31 -0.40 0.00	40.42 -0.32 0.00	38.60 -0.40 0.00	37.09 -0.46 0.00	36.64 -0.41 0.00	41.49 -0.49 0.00	38.71 -0.47 0.00	38.95 -0.49 0.00	34.11 -0.41 0.00	32.57 -0.50 0.00	33.79 -0.43 0.00	35.70 -0.55 -0.15	32.04 -0.48 -0.26	33.39 -0.49 -0.67	29.58 -0.40 -1.53	29.85 -0.30 -0.27	31.76 -0.37 0.00	29.55 -0.29 0.00	32.54 -0.27 0.00



GOUDEY___7 23579	43.55 -0.33 0.00	41.44 -0.25 0.00	40.32 -0.28 0.00	39.68 -0.22 0.00	39.78 -0.25 0.00	36.31 -0.40 0.00	40.42 -0.32 0.00	38.60 -0.40 0.00	37.09 -0.46 0.00	36.64 -0.41 0.00	41.49 -0.49 0.00	38.71 -0.47 0.00	38.95 -0.49 0.00	34.11 -0.41 0.00	32.57 -0.50 0.00	33.79 -0.43 0.00	35.70 -0.55 -0.15	32.04 -0.48 -0.26	33.39 -0.49 -0.67	29.58 -0.40 -1.53	29.85 -0.30 -0.27	31.76 -0.37 0.00	29.55 -0.29 0.00	32.54 -0.27 0.00
GOUDEY___8 23580	43.55 -0.33 0.00	41.44 -0.25 0.00	40.32 -0.28 0.00	39.68 -0.22 0.00	39.78 -0.25 0.00	36.31 -0.40 0.00	40.42 -0.32 0.00	38.60 -0.40 0.00	37.09 -0.46 0.00	36.64 -0.41 0.00	41.49 -0.49 0.00	38.71 -0.47 0.00	38.95 -0.49 0.00	34.11 -0.41 0.00	32.57 -0.50 0.00	33.79 -0.43 0.00	35.70 -0.55 -0.15	32.04 -0.48 -0.26	33.39 -0.49 -0.67	29.58 -0.40 -1.53	29.85 -0.30 -0.27	31.76 -0.37 0.00	29.55 -0.29 0.00	32.54 -0.27 0.00
GOWANUS_GT1_1 24077	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT1_2 24078	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT1_3 24079	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT1_4 24080	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT1_5 24084	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT1_6 24111	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT1_7 24112	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT1_8 24113	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT2_1 24114	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT2_2 24115	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT2_3 24116	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT2_4 24117	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT2_5 24118	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00



GOWANUS_GT2_6 24119	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT2_7 24120	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT2_8 24121	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_1 24122	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_2 24123	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_3 24124	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_4 24125	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_5 24126	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_6 24127	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_7 24128	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT3_8 24129	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT4_1 24130	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT4_2 24131	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT4_3 24132	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT4_4 24133	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00



GOWANUS_GT4_5 24134	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT4_6 24135	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT4_7 24136	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GOWANUS_GT4_8 24137	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GREATVRV_69_KV_BK1 356245	46.80 2.91 0.00	43.92 2.22 0.00	42.53 1.92 0.00	41.80 1.90 0.00	42.07 2.03 0.00	39.15 2.43 0.00	43.25 2.51 0.00	41.48 2.48 0.00	40.12 2.44 -0.11	40.65 2.61 -0.99	59.68 3.53 -14.18	42.87 3.68 0.00	43.16 3.71 -0.01	37.39 2.87 0.00	35.47 2.41 0.00	37.45 2.39 -0.83	39.34 2.53 -0.72	35.78 2.56 -0.96	38.12 2.66 -2.25	35.47 2.39 -4.62	33.30 2.61 -0.80	34.94 2.81 0.00	32.44 2.59 0.00	35.51 2.70 0.00
GREENBSH_115KV_TB3 55895	44.95 1.07 0.00	42.64 0.94 0.00	41.55 0.94 0.00	40.79 0.89 0.00	40.96 0.92 0.00	37.67 0.95 0.00	41.76 1.03 0.00	40.01 1.01 0.00	38.57 1.01 0.00	38.00 0.95 0.00	43.00 1.02 0.00	40.12 0.95 0.00	40.39 0.94 0.00	35.34 0.82 0.00	33.88 0.82 0.00	35.05 0.83 0.00	37.58 0.93 -0.56	34.04 0.84 -0.94	36.54 0.89 -2.44	34.81 0.75 -5.61	31.69 0.82 -0.98	32.92 0.80 0.00	30.64 0.80 0.00	33.69 0.89 0.00
GREENDGE_115KV_TB5 80291	43.64 -0.24 0.00	41.59 -0.10 0.00	40.51 -0.10 0.00	39.93 0.04 0.00	40.04 0.00 0.00	36.49 -0.22 0.00	40.91 0.18 0.00	39.03 0.03 0.00	37.36 -0.20 0.00	36.77 -0.28 0.00	41.49 -0.49 0.00	38.68 -0.50 0.00	38.88 -0.57 0.00	33.77 -0.75 0.00	32.09 -0.98 0.00	33.32 -0.90 0.00	35.27 -0.93 -0.12	31.67 -0.81 -0.21	32.89 -0.86 -0.54	28.93 -0.67 -1.15	29.53 -0.57 -0.20	31.39 -0.74 0.00	29.20 -0.65 0.00	32.23 -0.57 0.00
GREENIDGE___3 23582	43.64 -0.24 0.00	41.59 -0.10 0.00	40.51 -0.10 0.00	39.93 0.04 0.00	40.04 0.00 0.00	36.49 -0.22 0.00	40.91 0.18 0.00	39.03 0.03 0.00	37.36 -0.20 0.00	36.77 -0.28 0.00	41.49 -0.49 0.00	38.68 -0.50 0.00	38.88 -0.57 0.00	33.77 -0.75 0.00	32.09 -0.98 0.00	33.32 -0.90 0.00	35.27 -0.93 -0.12	31.67 -0.81 -0.21	32.89 -0.86 -0.54	28.93 -0.67 -1.15	29.53 -0.57 -0.20	31.39 -0.74 0.00	29.20 -0.65 0.00	32.23 -0.57 0.00
GREENIDGE___4 23583	43.64 -0.25 0.00	41.58 -0.12 0.00	40.51 -0.09 0.00	39.94 0.04 0.00	40.03 -0.01 0.00	36.51 -0.21 0.00	40.91 0.17 0.00	39.03 0.03 0.00	37.36 -0.20 0.00	36.77 -0.28 0.00	41.49 -0.49 0.00	38.68 -0.50 0.00	38.87 -0.57 0.00	33.77 -0.75 0.00	32.09 -0.97 0.00	33.33 -0.89 0.00	35.27 -0.94 -0.12	31.67 -0.81 -0.21	32.88 -0.87 -0.54	28.93 -0.67 -1.15	29.52 -0.57 -0.20	31.39 -0.74 0.00	29.20 -0.64 0.00	32.23 -0.57 0.00
GREENLWN_69_KV_BK 3 55738	46.05 2.17 0.00	43.26 1.56 0.00	41.92 1.31 0.00	41.20 1.30 0.00	41.45 1.42 0.00	38.54 1.82 0.00	42.55 1.82 0.00	40.71 1.72 0.00	39.09 1.66 0.13	37.61 1.72 1.16	58.63 2.68 -13.97	42.06 2.88 0.00	42.35 2.90 -0.01	36.65 2.14 0.00	34.77 1.70 0.00	34.78 1.54 0.98	37.92 1.66 -0.17	34.56 1.73 -0.56	36.76 1.83 -1.72	34.80 1.73 -4.62	32.62 1.92 -0.80	34.22 2.10 0.00	31.84 1.99 0.00	34.90 2.10 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
GRISSOM___SOLAR 323813	45.08 1.19 0.00	42.79 1.10 0.00	41.65 1.04 0.00	40.87 0.97 0.00	41.08 1.04 0.00	37.66 0.94 0.00	41.88 1.14 0.00	40.18 1.19 0.00	38.64 1.08 0.00	38.05 0.99 0.00	43.01 1.03 0.00	40.21 1.04 0.00	40.34 0.89 0.00	35.39 0.87 0.00	34.01 0.94 0.00	35.34 1.11 0.00	37.86 1.13 -0.64	34.37 1.04 -1.06	36.87 0.91 -2.75	35.54 0.76 -6.33	31.77 0.77 -1.10	32.97 0.84 0.00	30.64 0.79 0.00	33.57 0.77 0.00
GROVEVILLE___HYD 323602	46.06 2.18 0.00	43.48 1.78 0.00	42.29 1.68 0.00	41.52 1.62 0.00	41.69 1.65 0.00	38.49 1.78 0.00	42.85 2.12 0.00	41.24 2.25 0.00	39.79 2.23 0.00	39.22 2.17 0.00	44.54 2.56 0.00	41.57 2.39 0.00	41.86 2.41 0.00	36.54 2.02 0.00	35.02 1.95 0.00	36.21 1.98 0.00	38.78 2.22 -0.47	35.14 2.10 -0.78	37.42 2.19 -2.02	34.98 1.89 -4.64	32.67 1.98 -0.81	34.10 1.97 0.00	31.66 1.81 0.00	34.65 1.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.25 -0.64 0.00	41.14 -0.56 0.00	40.01 -0.59 0.00	39.37 -0.53 0.00	39.49 -0.54 0.00	36.17 -0.54 0.00	40.15 -0.58 0.00	38.39 -0.61 0.00	36.96 -0.60 0.00	36.45 -0.60 0.00	41.29 -0.68 0.00	38.56 -0.62 0.00	38.85 -0.60 0.00	34.04 -0.48 0.00	32.55 -0.51 0.00	33.76 -0.46 0.00	35.63 -0.51 -0.05	31.89 -0.46 -0.08	32.94 -0.49 -0.21	28.58 -0.36 -0.49	29.66 -0.31 -0.08	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
HAMLTNNY_34_KV_TB 80303	43.39 -0.50 0.00	41.30 -0.40 0.00	40.12 -0.48 0.00	39.51 -0.39 0.00	39.63 -0.41 0.00	36.21 -0.50 0.00	40.22 -0.52 0.00	38.42 -0.58 0.00	36.96 -0.59 0.00	36.43 -0.62 0.00	41.22 -0.75 0.00	38.48 -0.70 0.00	38.80 -0.64 0.00	34.00 -0.52 0.00	32.47 -0.60 0.00	33.71 -0.51 0.00	35.62 -0.52 -0.05	31.91 -0.45 -0.09	32.98 -0.45 -0.23	28.63 -0.34 -0.52	29.69 -0.29 -0.09	31.90 -0.23 0.00	29.61 -0.23 0.00	32.56 -0.24 0.00



HAMPSHIRE___PAPER_HYD 323593	44.40 0.51 0.00	42.51 0.81 0.00	41.17 0.56 0.00	40.37 0.47 0.00	40.35 0.31 0.00	36.60 -0.11 0.00	40.43 -0.31 0.00	38.54 -0.46 0.00	37.05 -0.51 0.00	36.92 -0.13 0.00	42.10 0.12 0.00	39.17 -0.01 0.00	39.41 -0.03 0.00	34.53 0.02 0.00	33.06 -0.01 0.00	34.17 -0.06 0.00	35.42 -0.68 -0.01	31.38 -0.91 -0.02	32.33 -0.94 -0.06	27.17 -1.42 -0.14	28.78 -1.14 -0.02	31.71 -0.42 0.00	29.25 -0.59 0.00	32.19 -0.61 0.00
HARDSCRABBLE_WT_PWR 323673	46.55 2.66 0.00	44.16 2.46 0.00	42.97 2.37 0.00	42.23 2.34 0.00	42.44 2.40 0.00	39.05 2.33 0.00	43.36 2.62 0.00	41.58 2.58 0.00	40.01 2.45 0.00	39.31 2.25 0.00	44.40 2.42 0.00	41.45 2.27 0.00	41.59 2.14 0.00	36.40 1.88 0.00	34.90 1.83 0.00	36.32 2.09 0.00	38.42 2.33 0.00	34.42 2.15 0.00	34.87 1.66 0.00	29.86 1.41 0.00	31.46 1.57 0.00	33.69 1.56 0.00	31.33 1.49 0.00	34.28 1.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.81 1.93 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.27 1.37 0.00	41.44 1.41 0.00	38.28 1.57 0.00	42.64 1.90 0.00	41.02 2.02 0.00	39.57 2.01 0.00	39.00 1.95 0.00	44.27 2.29 0.00	41.30 2.12 0.00	41.57 2.12 0.00	36.29 1.77 0.00	34.79 1.72 0.00	36.01 1.78 0.00	38.54 2.01 -0.44	34.91 1.91 -0.73	37.10 2.00 -1.89	34.53 1.73 -4.35	32.47 1.82 -0.76	33.91 1.78 0.00	31.47 1.62 0.00	34.41 1.61 0.00
HARSNRAD_115KV_TB1 81005	43.09 -0.80 0.00	41.52 -0.18 0.00	40.19 -0.41 0.00	39.66 -0.24 0.00	39.62 -0.42 0.00	35.38 -1.33 0.00	39.09 -1.65 0.00	36.81 -2.18 0.00	35.13 -2.43 0.00	34.80 -2.26 0.00	39.26 -2.72 0.00	36.69 -2.49 0.00	36.71 -2.73 0.00	32.01 -2.51 0.00	30.52 -2.55 0.00	31.51 -2.71 0.00	33.56 -2.60 -0.07	30.04 -2.34 -0.11	30.90 -2.60 -0.29	27.05 -2.10 -0.70	28.06 -1.96 -0.12	30.07 -2.06 0.00	28.10 -1.75 0.00	31.43 -1.37 0.00
HARZA MOOSE___RIVER 24016	44.46 0.57 0.00	42.22 0.52 0.00	40.99 0.38 0.00	40.21 0.31 0.00	40.40 0.36 0.00	37.09 0.37 0.00	41.13 0.40 0.00	39.33 0.33 0.00	38.00 0.44 0.00	37.60 0.54 0.00	42.66 0.68 0.00	39.89 0.71 0.00	40.16 0.72 0.00	35.29 0.77 0.00	33.81 0.74 0.00	34.96 0.74 0.00	36.49 0.39 -0.02	32.13 -0.17 -0.03	33.19 -0.09 -0.07	28.26 -0.35 -0.16	29.73 -0.18 -0.03	32.39 0.26 0.00	29.77 -0.08 0.00	32.55 -0.25 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.98 -0.91 0.00	40.87 -0.82 0.00	39.79 -0.82 0.00	39.13 -0.77 0.00	39.25 -0.78 0.00	35.96 -0.76 0.00	39.91 -0.83 0.00	38.16 -0.83 0.00	36.76 -0.79 0.00	36.26 -0.79 0.00	41.04 -0.94 0.00	38.34 -0.84 0.00	38.62 -0.82 0.00	33.85 -0.67 0.00	32.40 -0.67 0.00	33.56 -0.66 0.00	35.40 -0.73 -0.05	31.68 -0.71 -0.08	32.69 -0.71 -0.20	28.36 -0.54 -0.46	29.46 -0.51 -0.08	31.67 -0.46 0.00	29.44 -0.41 0.00	32.33 -0.47 0.00
HELLGATE_13_KV_LD 55870	46.28 2.39 0.00	43.64 1.94 0.00	42.44 1.83 0.00	41.68 1.78 0.00	41.82 1.79 0.00	38.72 2.01 0.00	43.14 2.40 0.00	41.73 2.63 -0.10	41.50 2.67 -1.28	39.57 2.51 0.00	44.92 2.94 0.00	41.95 2.77 0.00	42.30 2.86 0.00	36.87 2.35 0.00	35.30 2.23 0.00	36.45 2.23 0.00	39.02 2.47 -0.47	35.36 2.32 -0.78	37.62 2.40 -2.01	35.16 2.09 -4.62	32.92 2.23 -0.80	34.35 2.22 0.00	31.87 2.02 0.00	34.85 2.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.28 2.39 0.00	43.64 1.94 0.00	42.44 1.83 0.00	41.68 1.78 0.00	41.82 1.79 0.00	38.72 2.01 0.00	43.14 2.40 0.00	41.73 2.63 -0.10	41.50 2.67 -1.28	39.57 2.51 0.00	44.92 2.94 0.00	41.95 2.77 0.00	42.30 2.86 0.00	36.87 2.35 0.00	35.30 2.23 0.00	36.45 2.23 0.00	39.02 2.47 -0.47	35.36 2.32 -0.78	37.62 2.40 -2.01	35.16 2.09 -4.62	32.92 2.23 -0.80	34.35 2.22 0.00	31.87 2.02 0.00	34.85 2.05 0.00
HEMPSTEAD____ 23647	45.99 2.10 0.00	43.29 1.59 0.00	41.98 1.37 0.00	41.24 1.34 0.00	41.46 1.42 0.00	38.45 1.74 0.00	42.62 1.88 0.00	40.91 1.91 0.00	39.44 1.89 0.00	38.98 1.92 0.00	65.41 2.62 -20.81	41.84 2.65 0.00	42.12 2.67 -0.01	36.58 2.06 0.00	34.86 1.79 0.00	35.95 1.74 0.00	38.46 1.90 -0.47	34.96 1.92 -0.78	37.22 2.00 -2.01	34.87 1.79 -4.62	32.65 1.95 -0.80	34.20 2.08 0.00	31.77 1.92 0.00	34.76 1.96 0.00
HICKLING___1 23621	42.97 -0.92 0.00	40.98 -0.72 0.00	39.87 -0.74 0.00	39.32 -0.58 0.00	39.38 -0.66 0.00	35.82 -0.90 0.00	40.08 -0.66 0.00	38.15 -0.84 0.00	36.56 -1.00 0.00	36.14 -0.91 0.00	40.86 -1.12 0.00	38.10 -1.08 0.00	38.21 -1.23 0.00	33.36 -1.15 0.00	31.72 -1.35 0.00	32.78 -1.44 0.00	34.60 -1.62 -0.13	31.07 -1.42 -0.22	32.28 -1.48 -0.55	28.47 -1.22 -1.25	29.00 -1.10 -0.22	30.83 -1.30 0.00	28.72 -1.13 0.00	31.77 -1.03 0.00
HICKLING___2 23622	42.97 -0.92 0.00	40.98 -0.72 0.00	39.87 -0.74 0.00	39.32 -0.58 0.00	39.38 -0.66 0.00	35.82 -0.90 0.00	40.08 -0.66 0.00	38.15 -0.84 0.00	36.56 -1.00 0.00	36.14 -0.91 0.00	40.86 -1.12 0.00	38.10 -1.08 0.00	38.21 -1.23 0.00	33.36 -1.15 0.00	31.72 -1.35 0.00	32.78 -1.44 0.00	34.60 -1.62 -0.13	31.07 -1.42 -0.22	32.28 -1.48 -0.55	28.47 -1.22 -1.25	29.00 -1.10 -0.22	30.83 -1.30 0.00	28.72 -1.13 0.00	31.77 -1.03 0.00
HIGH FALLS___HY 23754	45.99 2.10 0.00	43.39 1.70 0.00	42.20 1.59 0.00	41.44 1.54 0.00	41.58 1.54 0.00	38.39 1.67 0.00	42.79 2.05 0.00	41.18 2.19 0.00	39.70 2.15 0.00	39.14 2.08 0.00	44.44 2.46 0.00	41.30 2.13 0.00	41.66 2.22 0.00	36.34 1.82 0.00	34.91 1.84 0.00	36.15 1.93 0.00	38.74 2.19 -0.46	35.14 2.10 -0.77	37.42 2.21 -2.01	34.98 1.91 -4.62	32.69 2.00 -0.80	34.10 1.97 0.00	31.63 1.78 0.00	34.55 1.75 0.00
HIGH_RIVER___SOLAR 323847	44.95 1.06 0.00	42.68 0.98 0.00	41.56 0.95 0.00	40.79 0.89 0.00	40.99 0.95 0.00	37.59 0.87 0.00	41.78 1.04 0.00	40.07 1.07 0.00	38.47 0.91 0.00	37.83 0.78 0.00	42.74 0.76 0.00	40.00 0.82 0.00	40.07 0.63 0.00	35.10 0.57 0.00	33.68 0.61 0.00	35.15 0.92 0.00	37.75 1.03 -0.63	34.27 0.95 -1.05	36.75 0.82 -2.72	35.39 0.68 -6.26	31.69 0.71 -1.09	32.89 0.76 0.00	30.56 0.71 0.00	33.51 0.71 0.00
HILLBURN___GT 23639	45.67 1.79 0.00	43.06 1.36 0.00	41.85 1.24 0.00	41.10 1.20 0.00	41.29 1.25 0.00	38.15 1.43 0.00	42.52 1.78 0.00	40.91 1.92 0.00	39.49 1.93 0.00	38.89 1.84 0.00	44.16 2.18 0.00	41.21 2.03 0.00	41.51 2.06 0.00	36.21 1.69 0.00	34.69 1.62 0.00	35.88 1.66 0.00	38.42 1.88 -0.44	34.80 1.79 -0.74	37.02 1.89 -1.92	34.51 1.65 -4.41	32.41 1.75 -0.77	33.83 1.70 0.00	31.41 1.56 0.00	34.36 1.55 0.00
HILLSIDE_115KV_TB1 80332	42.51 -1.37 0.00	40.49 -1.21 0.00	39.39 -1.22 0.00	38.82 -1.08 0.00	38.87 -1.17 0.00	35.36 -1.35 0.00	39.54 -1.20 0.00	37.65 -1.35 0.00	36.11 -1.45 0.00	35.70 -1.35 0.00	40.38 -1.60 0.00	37.69 -1.48 0.00	37.86 -1.59 0.00	33.13 -1.39 0.00	31.51 -1.55 0.00	32.64 -1.59 0.00	34.36 -1.86 -0.13	30.91 -1.58 -0.22	32.17 -1.60 -0.57	28.37 -1.37 -1.29	28.88 -1.23 -0.22	30.69 -1.44 0.00	28.59 -1.26 0.00	31.62 -1.19 0.00



HISHELDN_WT_PWR 323625	42.75 -1.13 0.00	41.04 -0.66 0.00	39.89 -0.72 0.00	39.43 -0.47 0.00	39.42 -0.61 0.00	35.49 -1.22 0.00	39.37 -1.37 0.00	37.22 -1.77 0.00	35.51 -2.05 0.00	35.08 -1.98 0.00	39.49 -2.49 0.00	36.80 -2.38 0.00	36.73 -2.71 0.00	31.78 -2.74 0.00	30.22 -2.85 0.00	31.10 -3.12 0.00	33.03 -3.15 -0.09	29.55 -2.84 -0.12	30.46 -3.08 -0.32	26.78 -2.52 -0.85	27.61 -2.43 -0.15	29.52 -2.62 0.00	27.55 -2.30 0.00	30.70 -2.10 0.00
HOLTSVILLE_IC_1 23690	46.05 2.17 0.00	43.22 1.52 0.00	41.84 1.23 0.00	41.16 1.26 0.00	41.39 1.35 0.00	38.55 1.84 0.00	42.49 1.75 0.00	40.73 1.73 0.00	39.42 1.71 -0.16	40.24 1.77 -1.42	58.18 2.72 -13.48	42.12 2.94 0.00	42.41 2.96 -0.01	36.75 2.23 0.00	34.84 1.78 0.00	37.00 1.59 -1.19	38.50 1.58 -0.83	35.01 1.72 -1.03	37.40 1.84 -2.35	34.89 1.82 -4.62	32.73 2.04 -0.80	34.41 2.28 0.00	31.99 2.14 0.00	35.05 2.25 0.00
HOLTSVILLE_IC_10 23699	46.23 2.35 0.00	43.38 1.69 0.00	41.99 1.38 0.00	41.30 1.40 0.00	41.53 1.49 0.00	38.71 2.00 0.00	42.67 1.93 0.00	40.91 1.92 0.00	39.57 1.89 -0.13	40.18 1.98 -1.15	58.59 2.96 -13.65	42.35 3.17 0.00	42.64 3.20 -0.01	36.96 2.44 0.00	35.04 1.97 0.00	36.98 1.79 -0.97	38.61 1.76 -0.76	35.15 1.90 -0.98	37.52 2.02 -2.29	35.07 2.00 -4.62	32.91 2.22 -0.80	34.61 2.48 0.00	32.16 2.31 0.00	35.21 2.41 0.00
HOLTSVILLE_IC_2 23691	46.05 2.17 0.00	43.22 1.52 0.00	41.84 1.23 0.00	41.16 1.26 0.00	41.39 1.35 0.00	38.55 1.84 0.00	42.49 1.75 0.00	40.73 1.73 0.00	39.42 1.71 -0.16	40.24 1.77 -1.42	58.18 2.72 -13.48	42.12 2.94 0.00	42.41 2.96 -0.01	36.75 2.23 0.00	34.84 1.78 0.00	37.00 1.59 -1.19	38.50 1.58 -0.83	35.01 1.72 -1.03	37.40 1.84 -2.35	34.89 1.82 -4.62	32.73 2.04 -0.80	34.41 2.28 0.00	31.99 2.14 0.00	35.05 2.25 0.00
HOLTSVILLE_IC_3 23692	46.05 2.17 0.00	43.22 1.52 0.00	41.84 1.23 0.00	41.16 1.26 0.00	41.39 1.35 0.00	38.55 1.84 0.00	42.49 1.75 0.00	40.73 1.73 0.00	39.42 1.71 -0.16	40.24 1.77 -1.42	58.18 2.72 -13.48	42.12 2.94 0.00	42.41 2.96 -0.01	36.75 2.23 0.00	34.84 1.78 0.00	37.00 1.59 -1.19	38.50 1.58 -0.83	35.01 1.72 -1.03	37.40 1.84 -2.35	34.89 1.82 -4.62	32.73 2.04 -0.80	34.41 2.28 0.00	31.99 2.14 0.00	35.05 2.25 0.00
HOLTSVILLE_IC_4 23693	46.05 2.17 0.00	43.22 1.52 0.00	41.84 1.23 0.00	41.16 1.26 0.00	41.39 1.35 0.00	38.55 1.84 0.00	42.49 1.75 0.00	40.73 1.73 0.00	39.42 1.71 -0.16	40.24 1.77 -1.42	58.18 2.72 -13.48	42.12 2.94 0.00	42.41 2.96 -0.01	36.75 2.23 0.00	34.84 1.78 0.00	37.00 1.59 -1.19	38.50 1.58 -0.83	35.01 1.72 -1.03	37.40 1.84 -2.35	34.89 1.82 -4.62	32.73 2.04 -0.80	34.41 2.28 0.00	31.99 2.14 0.00	35.05 2.25 0.00
HOLTSVILLE_IC_5 23694	46.05 2.17 0.00	43.22 1.52 0.00	41.84 1.23 0.00	41.16 1.26 0.00	41.39 1.35 0.00	38.55 1.84 0.00	42.49 1.75 0.00	40.73 1.73 0.00	39.42 1.71 -0.16	40.24 1.77 -1.42	58.18 2.72 -13.48	42.12 2.94 0.00	42.41 2.96 -0.01	36.75 2.23 0.00	34.84 1.78 0.00	37.00 1.59 -1.19	38.50 1.58 -0.83	35.01 1.72 -1.03	37.40 1.84 -2.35	34.89 1.82 -4.62	32.73 2.04 -0.80	34.41 2.28 0.00	31.99 2.14 0.00	35.05 2.25 0.00
HOLTSVILLE_IC_6 23695	46.23 2.35 0.00	43.38 1.69 0.00	41.99 1.38 0.00	41.30 1.40 0.00	41.53 1.49 0.00	38.71 2.00 0.00	42.67 1.93 0.00	40.91 1.92 0.00	39.57 1.89 -0.13	40.18 1.98 -1.15	58.59 2.96 -13.65	42.35 3.17 0.00	42.64 3.20 -0.01	36.96 2.44 0.00	35.04 1.97 0.00	36.98 1.79 -0.97	38.61 1.76 -0.76	35.15 1.90 -0.98	37.52 2.02 -2.29	35.07 2.00 -4.62	32.91 2.22 -0.80	34.61 2.48 0.00	32.16 2.31 0.00	35.21 2.41 0.00
HOLTSVILLE_IC_7 23696	46.23 2.35 0.00	43.38 1.69 0.00	41.99 1.38 0.00	41.30 1.40 0.00	41.53 1.49 0.00	38.71 2.00 0.00	42.67 1.93 0.00	40.91 1.92 0.00	39.57 1.89 -0.13	40.18 1.98 -1.15	58.59 2.96 -13.65	42.35 3.17 0.00	42.64 3.20 -0.01	36.96 2.44 0.00	35.04 1.97 0.00	36.98 1.79 -0.97	38.61 1.76 -0.76	35.15 1.90 -0.98	37.52 2.02 -2.29	35.07 2.00 -4.62	32.91 2.22 -0.80	34.61 2.48 0.00	32.16 2.31 0.00	35.21 2.41 0.00
HOLTSVILLE_IC_8 23697	46.23 2.35 0.00	43.38 1.69 0.00	41.99 1.38 0.00	41.30 1.40 0.00	41.53 1.49 0.00	38.71 2.00 0.00	42.67 1.93 0.00	40.91 1.92 0.00	39.57 1.89 -0.13	40.18 1.98 -1.15	58.59 2.96 -13.65	42.35 3.17 0.00	42.64 3.20 -0.01	36.96 2.44 0.00	35.04 1.97 0.00	36.98 1.79 -0.97	38.61 1.76 -0.76	35.15 1.90 -0.98	37.52 2.02 -2.29	35.07 2.00 -4.62	32.91 2.22 -0.80	34.61 2.48 0.00	32.16 2.31 0.00	35.21 2.41 0.00
HOLTSVILLE_IC_9 23698	46.23 2.35 0.00	43.38 1.69 0.00	41.99 1.38 0.00	41.30 1.40 0.00	41.53 1.49 0.00	38.71 2.00 0.00	42.67 1.93 0.00	40.91 1.92 0.00	39.57 1.89 -0.13	40.18 1.98 -1.15	58.59 2.96 -13.65	42.35 3.17 0.00	42.64 3.20 -0.01	36.96 2.44 0.00	35.04 1.97 0.00	36.98 1.79 -0.97	38.61 1.76 -0.76	35.15 1.90 -0.98	37.52 2.02 -2.29	35.07 2.00 -4.62	32.91 2.22 -0.80	34.61 2.48 0.00	32.16 2.31 0.00	35.21 2.41 0.00
HOMER_HL_115KV_TB2 355744	43.20 -0.68 0.00	41.33 -0.37 0.00	40.09 -0.51 0.00	39.58 -0.32 0.00	39.66 -0.37 0.00	35.59 -1.12 0.00	39.53 -1.21 0.00	37.44 -1.55 0.00	35.69 -1.87 0.00	35.43 -1.62 0.00	40.13 -1.85 0.00	37.46 -1.72 0.00	37.39 -2.05 0.00	32.74 -1.78 0.00	31.33 -1.74 0.00	32.32 -1.90 0.00	33.94 -2.24 -0.09	30.36 -2.06 -0.15	31.34 -2.26 -0.39	27.52 -1.82 -0.89	28.41 -1.64 -0.15	30.37 -1.76 0.00	28.46 -1.39 0.00	31.68 -1.12 0.00
HOWARD_WT_PWR 323690	42.01 -1.88 0.00	40.23 -1.47 0.00	39.37 -1.24 0.00	38.94 -0.95 0.00	38.99 -1.04 0.00	35.49 -1.22 0.00	39.96 -0.78 0.00	38.10 -0.90 0.00	36.28 -1.28 0.00	35.92 -1.14 0.00	40.29 -1.69 0.00	37.26 -1.92 0.00	37.28 -2.16 0.00	32.51 -2.01 0.00	30.32 -2.74 0.00	30.85 -3.38 0.00	32.80 -3.40 -0.11	29.32 -3.15 -0.20	30.33 -3.40 -0.51	26.79 -2.71 -1.05	27.38 -2.69 -0.18	29.15 -2.97 0.00	27.18 -2.67 0.00	30.12 -2.69 0.00
HQ_GEN_CEDARS 23644	45.25 1.36 0.00	43.68 1.98 0.00	42.29 1.68 0.00	41.55 1.65 0.00	41.56 1.52 0.00	37.51 0.79 0.00	41.57 0.83 0.00	39.53 0.53 0.00	37.59 0.03 0.00	37.44 0.39 0.00	42.48 0.50 0.00	39.30 0.12 0.00	39.58 0.13 0.00	34.56 0.04 0.00	33.06 -0.01 0.00	34.16 -0.06 0.00	35.87 -0.23 0.00	32.40 0.13 0.00	33.36 0.15 0.00	27.76 -0.69 0.00	29.52 -0.37 0.00	32.23 0.10 0.00	29.92 0.08 0.00	33.06 0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	45.24 1.36 0.00	43.68 1.98 0.00	42.29 1.68 0.00	41.55 1.65 0.00	41.56 1.52 0.00	37.50 0.79 0.00	41.57 0.83 0.00	39.53 0.53 0.00	37.58 0.03 0.00	37.45 0.39 0.00	42.48 0.50 0.00	39.30 0.12 0.00	39.58 0.13 0.00	34.56 0.04 0.00	33.06 -0.01 0.00	34.16 -0.06 0.00	35.87 -0.22 0.00	32.40 0.13 0.00	33.37 0.16 0.00	27.76 -0.69 0.00	29.52 -0.37 0.00	32.23 0.10 0.00	29.92 0.08 0.00	33.06 0.25 0.00



HQ_GEN_IMPORT 323601	43.89 0.00 0.00	41.70 0.00 0.00	40.61 0.00 0.00	39.90 0.00 0.00	40.04 0.00 0.00	36.72 0.00 0.00	40.74 0.00 0.00	39.00 0.00 0.00	37.56 0.00 0.00	37.06 0.00 0.00	41.98 0.00 0.00	39.18 0.00 0.00	39.44 0.00 0.00	34.52 0.00 0.00	33.07 0.00 0.00	34.22 0.00 0.00	36.09 0.00 0.00	32.27 0.00 0.00	33.21 0.00 0.00	27.61 -0.84 0.00	29.29 -0.60 0.00	31.97 -0.16 0.00	29.68 -0.17 0.00	32.68 -0.12 0.00
HQ_GEN_WHEEL 23651	43.89 0.00 0.00	41.70 0.00 0.00	40.61 0.00 0.00	39.90 0.00 0.00	40.04 0.00 0.00	36.72 0.00 0.00	40.74 0.00 0.00	39.00 0.00 0.00	37.56 0.00 0.00	37.06 0.00 0.00	41.98 0.00 0.00	39.18 0.00 0.00	39.44 0.00 0.00	34.52 0.00 0.00	33.07 0.00 0.00	34.22 0.00 0.00	36.09 0.00 0.00	32.27 0.00 0.00	33.21 0.00 0.00	27.61 -0.84 0.00	29.29 -0.60 0.00	31.97 -0.16 0.00	29.68 -0.17 0.00	32.68 -0.12 0.00
HUDSON AVE_GT_3 23810	45.97 2.08 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.84 2.10 0.00	41.38 2.28 -0.10	41.16 2.30 -1.29	39.29 2.24 0.00	44.63 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.22 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.87 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.62 1.82 0.00
HUDSON AVE_GT_4 23540	45.97 2.08 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.84 2.10 0.00	41.38 2.28 -0.10	41.16 2.30 -1.29	39.29 2.24 0.00	44.63 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.22 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.87 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.62 1.82 0.00
HUDSON AVE_GT_5 23657	45.97 2.08 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.84 2.10 0.00	41.38 2.28 -0.10	41.16 2.30 -1.29	39.29 2.24 0.00	44.63 2.65 0.00	41.67 2.49 0.00	41.99 2.55 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.21 1.99 0.00	38.77 2.22 -0.47	35.13 2.09 -0.78	37.38 2.16 -2.01	34.95 1.87 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.65 1.81 0.00	34.62 1.82 0.00
HUDSON_AVE_10 24168	45.80 1.92 0.00	43.19 1.49 0.00	42.00 1.39 0.00	41.25 1.36 0.00	41.39 1.36 0.00	38.33 1.62 0.00	42.75 2.01 0.00	41.31 2.21 -0.10	41.06 2.21 -1.29	39.22 2.17 0.00	44.52 2.54 0.00	41.59 2.41 0.00	41.91 2.47 0.00	36.55 2.03 0.00	34.99 1.92 0.00	36.15 1.92 0.00	38.70 2.15 -0.47	35.05 2.00 -0.78	37.28 2.06 -2.01	34.86 1.79 -4.62	32.61 1.91 -0.80	34.01 1.88 0.00	31.55 1.70 0.00	34.49 1.69 0.00
HUDSON___115KV_TB 4 355613	45.83 1.94 0.00	43.48 1.78 0.00	42.35 1.74 0.00	41.57 1.67 0.00	41.75 1.72 0.00	38.40 1.69 0.00	42.63 1.89 0.00	40.90 1.90 0.00	39.41 1.86 0.00	38.70 1.65 0.00	43.81 1.83 0.00	40.84 1.66 0.00	40.95 1.50 0.00	35.97 1.45 0.00	34.56 1.49 0.00	35.81 1.59 0.00	38.42 1.78 -0.55	34.81 1.62 -0.92	37.26 1.66 -2.39	35.33 1.38 -5.50	32.32 1.48 -0.96	33.62 1.49 0.00	31.25 1.40 0.00	34.30 1.50 0.00
HUNTER MOUNT___DRP 323613	46.01 2.12 0.00	43.66 1.96 0.00	42.53 1.92 0.00	41.74 1.84 0.00	41.93 1.89 0.00	38.54 1.83 0.00	42.80 2.06 0.00	41.09 2.10 0.00	39.57 2.02 0.00	38.89 1.83 0.00	44.01 2.02 0.00	41.01 1.83 0.00	41.13 1.68 0.00	36.13 1.61 0.00	34.72 1.65 0.00	35.97 1.75 0.00	38.57 1.94 -0.54	34.94 1.77 -0.90	37.32 1.78 -2.33	35.29 1.47 -5.37	32.39 1.57 -0.94	33.72 1.59 0.00	31.34 1.49 0.00	34.40 1.59 0.00
HUNTINGTON_RES_REC 323705	46.10 2.21 0.00	43.26 1.56 0.00	41.88 1.27 0.00	41.18 1.28 0.00	41.43 1.39 0.00	38.56 1.85 0.00	42.56 1.82 0.00	40.74 1.75 0.00	39.22 1.71 0.04	38.52 1.78 0.31	58.49 2.78 -13.74	42.17 2.99 0.00	42.48 3.02 -0.01	36.77 2.24 0.00	34.86 1.79 0.00	35.56 1.60 0.26	38.10 1.63 -0.39	34.73 1.74 -0.72	37.00 1.86 -1.93	34.91 1.84 -4.62	32.74 2.04 -0.80	34.37 2.24 0.00	31.95 2.11 0.00	35.01 2.21 0.00
HUNTLEY___63 23557	43.40 -0.49 0.00	41.79 0.09 0.00	40.42 -0.19 0.00	39.90 0.01 0.00	39.87 -0.17 0.00	35.66 -1.06 0.00	39.38 -1.35 0.00	37.08 -1.92 0.00	35.38 -2.17 0.00	35.06 -2.00 0.00	39.56 -2.42 0.00	36.90 -2.28 0.00	36.93 -2.51 0.00	32.20 -2.32 0.00	30.68 -2.39 0.00	31.70 -2.52 0.00	33.73 -2.44 -0.07	30.23 -2.15 -0.11	31.13 -2.38 -0.30	27.25 -1.93 -0.72	28.25 -1.77 -0.13	30.26 -1.87 0.00	28.27 -1.57 0.00	31.56 -1.24 0.00
HUNTLEY___64 23558	43.40 -0.49 0.00	41.79 0.09 0.00	40.42 -0.19 0.00	39.90 0.01 0.00	39.87 -0.17 0.00	35.66 -1.06 0.00	39.38 -1.35 0.00	37.08 -1.92 0.00	35.38 -2.17 0.00	35.06 -2.00 0.00	39.56 -2.42 0.00	36.90 -2.28 0.00	36.93 -2.51 0.00	32.20 -2.32 0.00	30.68 -2.39 0.00	31.70 -2.52 0.00	33.73 -2.44 -0.07	30.23 -2.15 -0.11	31.13 -2.38 -0.30	27.25 -1.93 -0.72	28.25 -1.77 -0.13	30.26 -1.87 0.00	28.27 -1.57 0.00	31.56 -1.24 0.00
HUNTLEY___65 23559	43.40 -0.49 0.00	41.79 0.09 0.00	40.42 -0.19 0.00	39.90 0.01 0.00	39.87 -0.17 0.00	35.66 -1.06 0.00	39.38 -1.35 0.00	37.08 -1.92 0.00	35.38 -2.17 0.00	35.06 -2.00 0.00	39.56 -2.42 0.00	36.90 -2.28 0.00	36.93 -2.51 0.00	32.20 -2.32 0.00	30.68 -2.39 0.00	31.70 -2.52 0.00	33.73 -2.44 -0.07	30.23 -2.15 -0.11	31.13 -2.38 -0.30	27.25 -1.93 -0.72	28.25 -1.77 -0.13	30.26 -1.87 0.00	28.27 -1.57 0.00	31.56 -1.24 0.00
HUNTLEY___66 23560	43.40 -0.49 0.00	41.79 0.09 0.00	40.42 -0.19 0.00	39.90 0.01 0.00	39.87 -0.17 0.00	35.66 -1.06 0.00	39.38 -1.35 0.00	37.08 -1.92 0.00	35.38 -2.17 0.00	35.06 -2.00 0.00	39.56 -2.42 0.00	36.90 -2.28 0.00	36.93 -2.51 0.00	32.20 -2.32 0.00	30.68 -2.39 0.00	31.70 -2.52 0.00	33.73 -2.44 -0.07	30.23 -2.15 -0.11	31.13 -2.38 -0.30	27.25 -1.93 -0.72	28.25 -1.77 -0.13	30.26 -1.87 0.00	28.27 -1.57 0.00	31.56 -1.24 0.00
HUNTLEY___67 23561	43.04 -0.85 0.00	41.42 -0.28 0.00	40.11 -0.50 0.00	39.59 -0.31 0.00	39.57 -0.47 0.00	35.42 -1.30 0.00	39.21 -1.53 0.00	36.92 -2.08 0.00	35.22 -2.34 0.00	34.89 -2.17 0.00	39.38 -2.60 0.00	36.77 -2.41 0.00	36.79 -2.65 0.00	32.07 -2.45 0.00	30.58 -2.49 0.00	31.58 -2.64 0.00	33.55 -2.61 -0.07	30.03 -2.35 -0.12	30.93 -2.59 -0.31	27.09 -2.10 -0.74	28.05 -1.97 -0.13	30.04 -2.09 0.00	28.08 -1.77 0.00	31.35 -1.46 0.00
HUNTLEY___68 23562	43.04 -0.85 0.00	41.42 -0.28 0.00	40.11 -0.50 0.00	39.59 -0.31 0.00	39.57 -0.47 0.00	35.42 -1.30 0.00	39.21 -1.53 0.00	36.92 -2.08 0.00	35.22 -2.34 0.00	34.89 -2.17 0.00	39.38 -2.60 0.00	36.77 -2.41 0.00	36.79 -2.65 0.00	32.07 -2.45 0.00	30.58 -2.49 0.00	31.58 -2.64 0.00	33.55 -2.61 -0.07	30.03 -2.35 -0.12	30.93 -2.59 -0.31	27.09 -2.10 -0.74	28.05 -1.97 -0.13	30.04 -2.09 0.00	28.08 -1.77 0.00	31.35 -1.46 0.00



HYLAND___LFGE 323620	45.03 1.14 0.00	43.00 1.30 0.00	41.80 1.19 0.00	41.25 1.35 0.00	41.34 1.30 0.00	37.52 0.81 0.00	41.99 1.26 0.00	40.01 1.02 0.00	38.26 0.70 0.00	37.53 0.47 0.00	42.30 0.32 0.00	39.29 0.11 0.00	38.65 -0.79 0.00	34.24 -0.28 0.00	32.70 -0.37 0.00	33.83 -0.39 0.00	36.11 -0.07 -0.08	32.44 0.00 -0.17	33.57 -0.06 -0.42	29.32 0.03 -0.84	30.15 0.12 -0.15	32.22 0.09 0.00	29.97 0.12 0.00	33.14 0.34 0.00
INDECK___CORINTH 23802	45.80 1.91 0.00	43.34 1.64 0.00	42.15 1.55 0.00	41.41 1.52 0.00	41.62 1.59 0.00	38.28 1.56 0.00	42.61 1.87 0.00	40.87 1.88 0.00	39.41 1.86 0.00	38.80 1.75 0.00	43.98 2.00 0.00	40.99 1.81 0.00	41.25 1.81 0.00	35.97 1.45 0.00	34.52 1.45 0.00	35.81 1.59 0.00	38.44 1.76 -0.59	34.86 1.62 -0.98	37.41 1.66 -2.54	35.60 1.31 -5.84	32.26 1.35 -1.02	33.40 1.27 0.00	30.98 1.13 0.00	34.04 1.24 0.00
INDECK___ILION 23567	45.43 1.54 0.00	43.11 1.41 0.00	41.97 1.36 0.00	41.24 1.34 0.00	41.41 1.37 0.00	38.05 1.34 0.00	42.24 1.51 0.00	40.49 1.49 0.00	38.97 1.41 0.00	38.37 1.32 0.00	43.39 1.41 0.00	40.51 1.33 0.00	40.71 1.27 0.00	35.63 1.11 0.00	34.14 1.07 0.00	35.43 1.21 0.00	37.44 1.35 0.00	33.49 1.23 0.00	34.24 1.03 0.00	29.32 0.87 0.00	30.87 0.98 0.00	33.11 0.98 0.00	30.76 0.91 0.00	33.71 0.91 0.00
INDECK___OLEAN 23982	43.20 -0.68 0.00	41.30 -0.40 0.00	40.10 -0.50 0.00	39.59 -0.31 0.00	39.65 -0.39 0.00	35.64 -1.08 0.00	39.53 -1.21 0.00	37.45 -1.55 0.00	35.70 -1.86 0.00	35.43 -1.62 0.00	40.13 -1.85 0.00	37.45 -1.73 0.00	37.39 -2.05 0.00	32.74 -1.79 0.00	31.32 -1.75 0.00	32.32 -1.90 0.00	33.93 -2.25 -0.09	30.36 -2.05 -0.15	31.34 -2.25 -0.39	27.52 -1.82 -0.89	28.41 -1.64 -0.15	30.37 -1.76 0.00	28.47 -1.38 0.00	31.68 -1.12 0.00
INDECK___OSWEGO 23783	42.44 -1.44 0.00	40.34 -1.36 0.00	39.27 -1.34 0.00	38.62 -1.28 0.00	38.73 -1.30 0.00	35.52 -1.19 0.00	39.37 -1.37 0.00	37.64 -1.36 0.00	36.29 -1.27 0.00	35.81 -1.24 0.00	40.57 -1.41 0.00	37.88 -1.30 0.00	38.15 -1.29 0.00	33.48 -1.04 0.00	32.05 -1.02 0.00	33.19 -1.03 0.00	34.95 -1.17 -0.04	31.23 -1.11 -0.06	32.21 -1.16 -0.16	27.88 -0.94 -0.38	29.05 -0.91 -0.07	31.31 -0.82 0.00	29.10 -0.74 0.00	31.94 -0.86 0.00
INDECK___YERKES 23781	43.44 -0.45 0.00	41.78 0.09 0.00	40.45 -0.16 0.00	39.95 0.05 0.00	39.89 -0.14 0.00	35.74 -0.97 0.00	39.42 -1.32 0.00	37.11 -1.89 0.00	35.42 -2.13 0.00	35.09 -1.97 0.00	39.58 -2.40 0.00	36.93 -2.25 0.00	36.96 -2.48 0.00	32.23 -2.29 0.00	30.71 -2.36 0.00	31.72 -2.50 0.00	33.75 -2.42 -0.07	30.26 -2.13 -0.11	31.15 -2.36 -0.30	27.26 -1.91 -0.72	28.27 -1.74 -0.13	30.28 -1.85 0.00	28.30 -1.55 0.00	31.58 -1.22 0.00
INDIAN POINT_GT_1 24139	45.67 1.78 0.00	43.07 1.37 0.00	41.87 1.26 0.00	41.12 1.22 0.00	41.29 1.25 0.00	38.17 1.45 0.00	42.50 1.76 0.00	40.90 1.90 0.00	39.46 1.90 0.00	38.89 1.84 0.00	44.17 2.19 0.00	41.24 2.06 0.00	41.55 2.10 0.00	36.24 1.72 0.00	34.71 1.64 0.00	35.87 1.65 0.00	38.41 1.86 -0.46	34.81 1.78 -0.77	37.06 1.86 -1.99	34.64 1.62 -4.58	32.41 1.73 -0.80	33.83 1.70 0.00	31.42 1.57 0.00	34.38 1.57 0.00
INDIAN POINT_GT_2 23659	45.67 1.78 0.00	43.07 1.37 0.00	41.87 1.26 0.00	41.12 1.22 0.00	41.29 1.25 0.00	38.17 1.45 0.00	42.50 1.76 0.00	40.90 1.90 0.00	39.46 1.90 0.00	38.89 1.84 0.00	44.17 2.19 0.00	41.24 2.06 0.00	41.55 2.10 0.00	36.24 1.72 0.00	34.71 1.64 0.00	35.87 1.65 0.00	38.41 1.86 -0.46	34.81 1.78 -0.77	37.06 1.86 -1.99	34.64 1.62 -4.58	32.41 1.73 -0.80	33.83 1.70 0.00	31.42 1.57 0.00	34.38 1.57 0.00
INDIAN POINT_GT_3 24019	45.67 1.78 0.00	43.07 1.37 0.00	41.87 1.26 0.00	41.12 1.22 0.00	41.29 1.25 0.00	38.17 1.45 0.00	42.50 1.76 0.00	40.90 1.90 0.00	39.46 1.90 0.00	38.89 1.84 0.00	44.17 2.19 0.00	41.24 2.06 0.00	41.55 2.10 0.00	36.24 1.72 0.00	34.71 1.64 0.00	35.87 1.65 0.00	38.41 1.86 -0.46	34.81 1.78 -0.77	37.06 1.86 -1.99	34.64 1.62 -4.58	32.41 1.73 -0.80	33.83 1.70 0.00	31.42 1.57 0.00	34.38 1.57 0.00
INDIAN POINT___2 23530	45.62 1.73 0.00	43.02 1.32 0.00	41.82 1.21 0.00	41.06 1.16 0.00	41.25 1.21 0.00	38.12 1.40 0.00	42.45 1.71 0.00	40.85 1.85 0.00	39.41 1.86 0.00	38.84 1.79 0.00	44.11 2.13 0.00	41.18 2.00 0.00	41.48 2.04 0.00	36.18 1.66 0.00	34.65 1.58 0.00	35.84 1.61 0.00	38.36 1.81 -0.45	34.75 1.73 -0.76	37.00 1.83 -1.96	34.55 1.59 -4.51	32.36 1.69 -0.79	33.78 1.66 0.00	31.37 1.52 0.00	34.32 1.52 0.00
INDIAN POINT___3 23531	45.63 1.74 0.00	43.04 1.34 0.00	41.86 1.25 0.00	41.10 1.20 0.00	41.26 1.22 0.00	38.14 1.43 0.00	42.46 1.73 0.00	40.86 1.86 0.00	39.42 1.86 0.00	38.85 1.80 0.00	44.12 2.14 0.00	41.20 2.02 0.00	41.50 2.06 0.00	36.21 1.69 0.00	34.67 1.60 0.00	35.84 1.61 0.00	38.37 1.82 -0.46	34.78 1.74 -0.77	37.03 1.83 -1.99	34.62 1.59 -4.58	32.38 1.70 -0.80	33.80 1.67 0.00	31.39 1.54 0.00	34.35 1.55 0.00
INGHAM_C_115KV_TB7 356103	47.29 3.40 0.00	44.82 3.12 0.00	43.61 3.01 0.00	42.87 2.98 0.00	43.08 3.05 0.00	39.66 2.94 0.00	44.05 3.32 0.00	42.25 3.26 0.00	40.63 3.08 0.00	39.88 2.83 0.00	44.99 3.00 0.00	41.99 2.81 0.00	42.11 2.67 0.00	36.87 2.35 0.00	35.35 2.28 0.00	36.86 2.64 0.00	39.03 2.94 0.00	34.98 2.72 0.00	35.60 2.39 0.00	30.48 2.04 0.00	32.11 2.22 0.00	34.34 2.21 0.00	31.90 2.05 0.00	34.87 2.07 0.00
IP CORINTH___1 23988	46.04 2.16 0.00	43.56 1.87 0.00	42.38 1.77 0.00	41.64 1.74 0.00	41.84 1.80 0.00	38.48 1.77 0.00	42.84 2.10 0.00	41.10 2.10 0.00	39.63 2.07 0.00	39.02 1.96 0.00	44.22 2.24 0.00	41.22 2.04 0.00	41.47 2.03 0.00	36.17 1.65 0.00	34.70 1.63 0.00	36.00 1.77 0.00	38.64 1.96 -0.59	35.05 1.80 -0.98	37.60 1.85 -2.54	35.76 1.47 -5.84	32.44 1.53 -1.02	33.59 1.46 0.00	31.15 1.30 0.00	34.22 1.42 0.00
IP___TICONDEROGA 23804	48.72 4.83 0.00	45.94 4.25 0.00	44.41 3.80 0.00	43.73 3.83 0.00	43.93 3.89 0.00	40.48 3.77 0.00	45.04 4.31 0.00	43.49 4.49 0.00	42.12 4.56 0.00	41.24 4.18 0.00	46.73 4.75 0.00	43.18 4.00 0.00	43.28 3.84 0.00	37.87 3.35 0.00	36.47 3.40 0.00	38.16 3.94 0.00	41.16 4.48 -0.59	37.33 4.09 -0.98	39.82 4.08 -2.54	37.48 3.20 -5.84	33.91 3.00 -1.02	35.03 2.90 0.00	32.31 2.46 0.00	35.49 2.69 0.00
ISLIP_RES_REC 323679	46.40 2.51 0.00	43.51 1.82 0.00	42.12 1.51 0.00	41.43 1.53 0.00	41.65 1.62 0.00	38.84 2.13 0.00	42.83 2.09 0.00	41.09 2.10 0.00	39.74 2.06 -0.13	40.34 2.17 -1.11	58.91 3.17 -13.76	42.56 3.38 0.00	42.84 3.39 -0.01	37.13 2.61 0.00	35.21 2.14 0.00	37.13 1.97 -0.94	38.80 1.95 -0.75	35.32 2.08 -0.98	37.69 2.20 -2.28	35.21 2.14 -4.62	33.06 2.37 -0.80	34.75 2.62 0.00	32.28 2.43 0.00	35.33 2.53 0.00



JAMAICA__27_KV_LOAD 355505	45.67 1.79 0.00	43.11 1.41 0.00	41.93 1.32 0.00	41.25 1.35 0.00	41.38 1.34 0.00	38.40 1.69 0.00	42.94 2.21 0.00	41.50 2.41 -0.10	41.19 2.33 -1.29	39.41 2.36 0.00	44.61 2.63 0.00	41.73 2.55 0.00	42.03 2.59 0.00	36.67 2.15 0.00	35.12 2.06 0.00	36.28 2.06 0.00	38.86 2.30 -0.47	35.03 1.98 -0.78	37.19 1.97 -2.01	34.78 1.71 -4.62	32.55 1.85 -0.80	33.95 1.82 0.00	31.44 1.60 0.00	34.30 1.50 0.00
JANIS__SOLAR 323808	44.50 0.61 0.00	42.40 0.70 0.00	41.26 0.66 0.00	40.56 0.66 0.00	40.73 0.69 0.00	37.46 0.75 0.00	41.73 0.99 0.00	39.91 0.91 0.00	38.41 0.85 0.00	37.72 0.67 0.00	42.61 0.63 0.00	39.43 0.25 0.00	39.84 0.39 0.00	34.92 0.40 0.00	33.22 0.15 0.00	35.09 0.86 0.00	37.21 0.99 -0.13	32.95 0.46 -0.22	34.14 0.36 -0.57	30.17 0.41 -1.31	30.58 0.46 -0.23	32.89 0.76 0.00	30.49 0.65 0.00	33.23 0.43 0.00
JARVIS____ 23743	44.06 0.18 0.00	41.87 0.17 0.00	40.77 0.16 0.00	40.06 0.16 0.00	40.20 0.16 0.00	36.86 0.15 0.00	40.91 0.17 0.00	39.18 0.18 0.00	37.75 0.18 0.00	37.23 0.18 0.00	42.19 0.21 0.00	39.37 0.20 0.00	39.64 0.20 0.00	34.69 0.17 0.00	33.23 0.16 0.00	34.39 0.17 0.00	36.26 0.17 0.00	32.37 0.10 0.00	33.31 0.10 0.00	28.52 0.07 0.00	30.01 0.12 0.00	32.26 0.13 0.00	29.97 0.12 0.00	32.91 0.10 0.00
JENNISON____1 23625	44.16 0.27 0.00	42.19 0.50 0.00	41.18 0.57 0.00	40.42 0.52 0.00	40.58 0.54 0.00	37.36 0.65 0.00	41.55 0.82 0.00	39.76 0.76 0.00	38.31 0.75 0.00	37.68 0.63 0.00	42.84 0.86 0.00	39.63 0.45 0.00	40.03 0.58 0.00	35.24 0.72 0.00	33.66 0.59 0.00	35.16 0.94 0.00	37.08 0.82 -0.17	32.51 -0.04 -0.28	33.79 -0.14 -0.72	30.03 -0.08 -1.66	30.15 -0.03 -0.29	32.29 0.17 0.00	29.90 0.06 0.00	32.67 -0.14 0.00
JENNISON____2 23626	44.16 0.27 0.00	42.19 0.50 0.00	41.18 0.57 0.00	40.42 0.52 0.00	40.58 0.54 0.00	37.36 0.65 0.00	41.55 0.82 0.00	39.76 0.76 0.00	38.31 0.75 0.00	37.68 0.63 0.00	42.84 0.86 0.00	39.63 0.45 0.00	40.03 0.58 0.00	35.24 0.72 0.00	33.66 0.59 0.00	35.16 0.94 0.00	37.08 0.82 -0.17	32.51 -0.04 -0.28	33.79 -0.14 -0.72	30.03 -0.08 -1.66	30.15 -0.03 -0.29	32.29 0.17 0.00	29.90 0.06 0.00	32.67 -0.14 0.00
JERICOHO_RISE_WT_PWR 323719	45.03 1.14 0.00	43.39 1.70 0.00	42.05 1.44 0.00	41.31 1.41 0.00	41.36 1.33 0.00	37.44 0.72 0.00	41.53 0.79 0.00	39.54 0.54 0.00	37.58 0.02 0.00	37.30 0.24 0.00	42.37 0.40 0.00	39.21 0.04 0.00	39.49 0.05 0.00	34.41 -0.11 0.00	32.96 -0.11 0.00	34.10 -0.12 0.00	35.90 -0.19 0.00	32.40 0.14 0.00	33.31 0.10 0.00	27.29 -1.16 0.00	28.76 -1.13 0.00	31.39 -0.74 0.00	29.06 -0.79 0.00	32.26 -0.54 0.00
KATONAH__115KV_46KV_TB4 355592	45.88 1.99 0.00	43.28 1.58 0.00	42.08 1.47 0.00	41.31 1.41 0.00	41.48 1.45 0.00	38.34 1.63 0.00	42.70 1.96 0.00	41.09 2.09 0.00	39.65 2.09 0.00	39.10 2.05 0.00	44.42 2.44 0.00	41.49 2.31 0.00	41.78 2.34 0.00	36.47 1.94 0.00	34.91 1.84 0.00	36.08 1.86 0.00	38.64 2.08 -0.47	35.02 1.97 -0.78	37.30 2.06 -2.03	34.91 1.78 -4.68	32.59 1.88 -0.82	34.00 1.87 0.00	31.58 1.73 0.00	34.55 1.75 0.00
KCE_NY_1 323755	46.06 2.17 0.00	43.67 1.97 0.00	42.52 1.91 0.00	41.75 1.85 0.00	41.96 1.92 0.00	38.54 1.83 0.00	42.86 2.12 0.00	41.11 2.11 0.00	39.62 2.06 0.00	39.03 1.97 0.00	44.21 2.23 0.00	41.23 2.05 0.00	41.44 2.00 0.00	36.21 1.69 0.00	34.78 1.72 0.00	36.03 1.81 0.00	38.62 1.94 -0.59	34.98 1.74 -0.98	37.58 1.84 -2.53	35.79 1.51 -5.83	32.52 1.62 -1.01	33.73 1.60 0.00	31.31 1.47 0.00	34.37 1.57 0.00
KCE_NY_6_ESR 323823	43.41 -0.48 0.00	41.67 -0.03 0.00	40.38 -0.22 0.00	39.86 -0.03 0.00	39.83 -0.21 0.00	35.77 -0.94 0.00	39.67 -1.07 0.00	37.43 -1.57 0.00	35.69 -1.87 0.00	35.36 -1.70 0.00	39.90 -2.08 0.00	37.31 -1.86 0.00	37.28 -2.17 0.00	32.42 -2.09 0.00	30.90 -2.17 0.00	31.93 -2.30 0.00	33.87 -2.30 -0.08	30.35 -2.04 -0.12	31.25 -2.28 -0.32	27.37 -1.86 -0.78	28.35 -1.68 -0.14	30.31 -1.82 0.00	28.31 -1.53 0.00	31.59 -1.21 0.00
KEDC_PORT_JEFF_GT2 24210	46.10 2.21 0.00	43.25 1.55 0.00	41.86 1.26 0.00	41.17 1.28 0.00	41.41 1.37 0.00	38.59 1.87 0.00	42.54 1.80 0.00	40.76 1.77 0.00	39.41 1.73 -0.12	39.96 1.82 -1.09	58.39 2.82 -13.59	42.23 3.05 0.00	42.52 3.08 -0.01	36.85 2.33 0.00	34.90 1.83 0.00	36.73 1.58 -0.92	38.20 1.36 -0.75	34.78 1.54 -0.97	37.17 1.68 -2.27	34.94 1.87 -4.62	32.81 2.11 -0.80	34.50 2.37 0.00	32.07 2.22 0.00	35.12 2.32 0.00
KEDC_PORT_JEFF_GT3 24211	46.10 2.21 0.00	43.25 1.55 0.00	41.86 1.26 0.00	41.17 1.28 0.00	41.41 1.37 0.00	38.59 1.87 0.00	42.54 1.80 0.00	40.76 1.77 0.00	39.41 1.73 -0.12	39.96 1.82 -1.09	58.39 2.82 -13.59	42.23 3.05 0.00	42.52 3.08 -0.01	36.85 2.33 0.00	34.90 1.83 0.00	36.73 1.58 -0.92	38.20 1.36 -0.75	34.78 1.54 -0.97	37.17 1.68 -2.27	34.94 1.87 -4.62	32.81 2.11 -0.80	34.50 2.37 0.00	32.07 2.22 0.00	35.12 2.32 0.00
KEDC_GLWD_GT4 24219	46.17 2.28 0.00	43.49 1.79 0.00	42.21 1.60 0.00	41.45 1.55 0.00	41.65 1.62 0.00	38.58 1.86 0.00	42.84 2.10 0.00	41.17 2.18 0.00	39.73 2.17 0.00	39.23 2.17 0.00	68.74 2.79 -23.97	41.91 2.73 -0.01	42.21 2.76 -0.01	36.72 2.20 0.00	35.05 1.98 0.00	36.17 1.95 0.00	38.71 2.15 -0.47	35.15 2.10 -0.78	37.40 2.18 -2.01	35.01 1.93 -4.62	32.78 2.08 -0.80	34.27 2.15 0.00	31.84 1.99 0.00	34.83 2.03 0.00
KEDC_GLWD_GT5 24220	46.17 2.28 0.00	43.49 1.79 0.00	42.21 1.60 0.00	41.45 1.55 0.00	41.65 1.62 0.00	38.58 1.86 0.00	42.84 2.10 0.00	41.17 2.18 0.00	39.73 2.17 0.00	39.23 2.17 0.00	68.74 2.79 -23.97	41.91 2.73 -0.01	42.21 2.76 -0.01	36.72 2.20 0.00	35.05 1.98 0.00	36.17 1.95 0.00	38.71 2.15 -0.47	35.15 2.10 -0.78	37.40 2.18 -2.01	35.01 1.93 -4.62	32.78 2.08 -0.80	34.27 2.15 0.00	31.84 1.99 0.00	34.83 2.03 0.00
KENSICO____ 23655	45.78 1.89 0.00	43.17 1.47 0.00	41.97 1.36 0.00	41.21 1.31 0.00	41.37 1.34 0.00	38.25 1.54 0.00	42.59 1.85 0.00	41.00 2.01 0.00	39.57 2.01 0.00	39.00 1.95 0.00	44.31 2.32 0.00	41.38 2.20 0.00	41.68 2.24 0.00	36.36 1.84 0.00	34.81 1.74 0.00	35.97 1.75 0.00	38.51 1.95 -0.46	34.90 1.86 -0.77	37.16 1.95 -2.00	34.76 1.70 -4.61	32.50 1.80 -0.80	33.92 1.79 0.00	31.50 1.66 0.00	34.46 1.66 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.97 2.08 0.00	43.39 1.70 0.00	42.20 1.59 0.00	41.44 1.54 0.00	41.59 1.55 0.00	38.39 1.67 0.00	42.78 2.04 0.00	41.16 2.17 0.00	39.67 2.12 0.00	39.09 2.03 0.00	44.38 2.40 0.00	41.23 2.05 0.00	41.59 2.15 0.00	36.30 1.78 0.00	34.87 1.81 0.00	36.12 1.89 0.00	38.68 2.14 -0.45	35.05 2.05 -0.74	37.29 2.15 -1.92	34.74 1.86 -4.43	32.60 1.94 -0.77	34.05 1.92 0.00	31.58 1.74 0.00	34.52 1.72 0.00



KIAC_JFK_GT1 23816	45.36 1.47 0.00	42.82 1.12 0.00	41.65 1.04 0.00	40.98 1.09 0.00	41.11 1.07 0.00	38.14 1.43 0.00	42.65 1.91 0.00	41.22 2.12 -0.10	40.90 2.05 -1.29	39.11 2.06 0.00	44.28 2.30 0.00	41.42 2.24 0.00	41.71 2.27 0.00	36.40 1.88 0.00	34.88 1.81 0.00	36.01 1.79 0.00	38.55 2.00 -0.47	34.78 1.74 -0.78	36.95 1.74 -2.01	34.58 1.50 -4.62	32.36 1.67 -0.80	33.75 1.62 0.00	31.27 1.42 0.00	34.11 1.31 0.00
KIAC_JFK_GT2 23817	45.36 1.47 0.00	42.82 1.12 0.00	41.65 1.04 0.00	40.98 1.09 0.00	41.11 1.07 0.00	38.14 1.43 0.00	42.65 1.91 0.00	41.22 2.12 -0.10	40.90 2.05 -1.29	39.11 2.06 0.00	44.28 2.30 0.00	41.42 2.24 0.00	41.71 2.27 0.00	36.40 1.88 0.00	34.88 1.81 0.00	36.01 1.79 0.00	38.55 2.00 -0.47	34.78 1.74 -0.78	36.95 1.74 -2.01	34.58 1.50 -4.62	32.36 1.67 -0.80	33.75 1.62 0.00	31.27 1.42 0.00	34.11 1.31 0.00
KIAC_JFK____ 323774	45.36 1.47 0.00	42.83 1.13 0.00	41.63 1.03 0.00	40.96 1.07 0.00	41.11 1.07 0.00	38.13 1.42 0.00	42.65 1.91 0.00	41.22 2.12 -0.10	40.90 2.05 -1.29	39.12 2.06 0.00	44.28 2.30 0.00	41.41 2.23 0.00	41.71 2.27 0.00	36.40 1.88 0.00	34.88 1.81 0.00	36.01 1.79 0.00	38.55 2.00 -0.47	34.78 1.74 -0.78	36.96 1.74 -2.01	34.58 1.50 -4.62	32.36 1.66 -0.80	33.75 1.62 0.00	31.27 1.42 0.00	34.11 1.31 0.00
KINTIGH__24_KV_GSU 356498	42.96 -0.93 0.00	41.25 -0.45 0.00	40.00 -0.60 0.00	39.46 -0.44 0.00	39.46 -0.58 0.00	35.50 -1.21 0.00	39.24 -1.50 0.00	37.04 -1.95 0.00	35.39 -2.17 0.00	35.05 -2.00 0.00	39.60 -2.37 0.00	37.00 -2.18 0.00	37.08 -2.36 0.00	32.39 -2.13 0.00	30.95 -2.12 0.00	31.97 -2.26 0.00	33.92 -2.23 -0.06	30.34 -2.02 -0.10	31.27 -2.20 -0.26	27.29 -1.78 -0.62	28.31 -1.69 -0.11	30.35 -1.77 0.00	28.36 -1.49 0.00	31.55 -1.25 0.00
KINTIGH____ 23543	42.93 -0.96 0.00	41.25 -0.45 0.00	39.97 -0.63 0.00	39.42 -0.48 0.00	39.44 -0.60 0.00	35.43 -1.28 0.00	39.21 -1.53 0.00	37.01 -1.98 0.00	35.35 -2.21 0.00	35.02 -2.04 0.00	39.57 -2.41 0.00	36.97 -2.21 0.00	37.06 -2.38 0.00	32.38 -2.14 0.00	30.93 -2.14 0.00	31.95 -2.28 0.00	33.90 -2.25 -0.06	30.33 -2.04 -0.10	31.25 -2.22 -0.26	27.27 -1.80 -0.62	28.29 -1.71 -0.11	30.33 -1.79 0.00	28.34 -1.51 0.00	31.52 -1.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.69 1.80 0.00	43.95 2.25 0.00	42.62 2.01 0.00	41.92 2.02 0.00	41.96 1.92 0.00	38.04 1.33 0.00	42.22 1.48 0.00	40.24 1.25 0.00	38.27 0.71 0.00	37.87 0.81 0.00	43.06 1.08 0.00	39.86 0.68 0.00	40.14 0.70 0.00	34.92 0.40 0.00	33.48 0.41 0.00	34.71 0.49 0.00	36.56 0.47 0.00	32.98 0.71 0.00	33.92 0.71 0.00	27.80 -0.65 0.00	29.22 -0.67 0.00	31.86 -0.27 0.00	29.48 -0.37 0.00	32.77 -0.03 0.00
LACHUTE____HYDRO 323717	48.72 4.83 0.00	45.94 4.25 0.00	44.40 3.79 0.00	43.73 3.83 0.00	43.93 3.89 0.00	40.48 3.77 0.00	45.04 4.31 0.00	43.48 4.49 0.00	42.12 4.56 0.00	41.23 4.18 0.00	46.73 4.75 0.00	43.18 4.00 0.00	43.28 3.84 0.00	37.87 3.35 0.00	36.47 3.40 0.00	38.16 3.94 0.00	41.16 4.48 -0.59	37.33 4.09 -0.98	39.82 4.07 -2.54	37.48 3.19 -5.84	33.91 3.01 -1.02	35.03 2.90 0.00	32.31 2.46 0.00	35.49 2.69 0.00
LAWRNCALV_115KV_TB1 80681	45.03 1.14 0.00	43.47 1.77 0.00	42.08 1.48 0.00	41.32 1.42 0.00	41.25 1.21 0.00	37.09 0.38 0.00	41.02 0.28 0.00	39.04 0.04 0.00	37.24 -0.31 0.00	37.23 0.17 0.00	42.27 0.29 0.00	39.10 -0.08 0.00	39.36 -0.08 0.00	34.42 -0.10 0.00	32.94 -0.13 0.00	34.02 -0.20 0.00	35.48 -0.62 -0.01	31.96 -0.32 -0.01	32.87 -0.37 -0.03	27.37 -1.16 -0.08	29.02 -0.89 -0.01	31.81 -0.32 0.00	29.54 -0.31 0.00	32.74 -0.06 0.00
LEDERLE____ 23769	45.84 1.96 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.27 1.37 0.00	41.45 1.41 0.00	38.32 1.60 0.00	42.69 1.95 0.00	41.08 2.08 0.00	39.64 2.08 0.00	39.06 2.00 0.00	44.36 2.38 0.00	41.40 2.22 0.00	41.70 2.26 0.00	36.38 1.86 0.00	34.86 1.79 0.00	36.04 1.82 0.00	38.60 2.06 -0.45	34.97 1.95 -0.75	37.19 2.05 -1.94	34.70 1.78 -4.47	32.55 1.88 -0.78	33.98 1.85 0.00	31.55 1.70 0.00	34.50 1.70 0.00
LIGHTHSE_115KV_TB6 355974	42.99 -0.89 0.00	40.82 -0.88 0.00	39.68 -0.93 0.00	38.98 -0.92 0.00	39.13 -0.90 0.00	35.87 -0.85 0.00	39.74 -1.00 0.00	37.98 -1.02 0.00	36.66 -0.90 0.00	36.24 -0.81 0.00	41.17 -0.81 0.00	38.50 -0.67 0.00	38.74 -0.71 0.00	34.08 -0.45 0.00	32.61 -0.46 0.00	33.75 -0.47 0.00	35.36 -0.77 -0.03	31.33 -1.00 -0.06	32.30 -1.05 -0.15	27.87 -0.92 -0.34	29.13 -0.82 -0.06	31.57 -0.56 0.00	29.28 -0.57 0.00	32.05 -0.76 0.00
LINDEN COGEN____ 23786	45.84 1.95 0.00	43.19 1.49 0.00	41.96 1.35 0.00	41.19 1.29 0.00	41.36 1.32 0.00	38.28 1.57 0.00	42.70 1.96 0.00	41.28 2.18 -0.10	41.02 2.17 -1.29	39.19 2.14 0.00	44.49 2.51 0.00	41.54 2.36 0.00	41.86 2.42 0.00	36.51 1.99 0.00	34.96 1.89 0.00	36.10 1.87 0.00	38.66 2.11 -0.47	35.04 2.00 -0.78	37.29 2.07 -2.01	34.88 1.81 -4.62	32.63 1.93 -0.80	34.01 1.88 0.00	31.57 1.72 0.00	34.49 1.69 0.00
LINDHRST_69_KV_BK1 356055	46.62 2.73 0.00	43.81 2.11 0.00	42.44 1.83 0.00	41.69 1.79 0.00	41.95 1.91 0.00	38.99 2.28 0.00	43.13 2.39 0.00	41.36 2.37 0.00	39.93 2.35 -0.03	39.74 2.42 -0.26	61.33 3.31 -16.05	42.58 3.40 0.00	42.86 3.41 -0.01	37.16 2.64 0.00	35.33 2.26 0.00	36.65 2.21 -0.22	39.02 2.40 -0.53	35.50 2.41 -0.82	37.81 2.53 -2.07	35.33 2.26 -4.62	33.15 2.46 -0.80	34.78 2.65 0.00	32.30 2.46 0.00	35.32 2.52 0.00
LIPA_MISC_IPP 23656	46.06 2.17 0.00	43.20 1.50 0.00	41.83 1.23 0.00	41.16 1.26 0.00	41.37 1.33 0.00	38.62 1.90 0.00	42.53 1.79 0.00	40.81 1.82 0.00	39.51 1.80 -0.15	40.30 1.88 -1.36	58.30 2.81 -13.51	42.24 3.06 0.00	42.52 3.08 -0.01	36.85 2.33 0.00	34.97 1.90 0.00	37.09 1.73 -1.14	38.63 1.72 -0.81	35.16 1.87 -1.02	37.54 2.00 -2.34	35.02 1.95 -4.62	32.85 2.15 -0.80	34.54 2.41 0.00	32.10 2.26 0.00	35.17 2.37 0.00
LISF____SOLAR 323691	46.15 2.27 0.00	43.30 1.60 0.00	41.90 1.30 0.00	41.24 1.35 0.00	41.45 1.41 0.00	38.69 1.98 0.00	42.63 1.89 0.00	40.91 1.91 0.00	39.59 1.88 -0.15	40.33 1.97 -1.31	58.44 2.92 -13.54	42.34 3.15 0.00	42.62 3.17 -0.01	36.95 2.42 0.00	35.06 1.99 0.00	37.13 1.80 -1.10	38.70 1.80 -0.80	35.24 1.96 -1.01	37.62 2.09 -2.33	35.09 2.02 -4.62	32.93 2.24 -0.80	34.63 2.50 0.00	32.17 2.32 0.00	35.25 2.45 0.00
LITTLE FALLS____HYD 24013	47.29 3.40 0.00	44.82 3.12 0.00	43.61 3.01 0.00	42.87 2.98 0.00	43.08 3.05 0.00	39.66 2.94 0.00	44.05 3.32 0.00	42.25 3.26 0.00	40.63 3.08 0.00	39.88 2.83 0.00	44.99 3.00 0.00	41.99 2.81 0.00	42.11 2.67 0.00	36.87 2.35 0.00	35.35 2.28 0.00	36.86 2.64 0.00	39.03 2.94 0.00	34.98 2.72 0.00	35.60 2.39 0.00	30.48 2.04 0.00	32.11 2.22 0.00	34.34 2.21 0.00	31.90 2.05 0.00	34.87 2.07 0.00



LITTLRIV_115KV_TB1 356100	45.46 1.58 0.00	43.95 2.25 0.00	42.55 1.94 0.00	41.78 1.88 0.00	41.72 1.69 0.00	37.45 0.73 0.00	41.42 0.68 0.00	39.42 0.42 0.00	37.59 0.03 0.00	37.55 0.49 0.00	42.61 0.63 0.00	39.30 0.12 0.00	39.56 0.12 0.00	34.74 0.22 0.00	33.25 0.18 0.00	34.32 0.09 0.00	35.83 -0.26 -0.01	32.32 0.04 -0.01	33.26 0.01 -0.04	27.69 -0.85 -0.08	29.34 -0.56 -0.01	32.13 0.01 0.00	29.83 -0.02 0.00	33.07 0.27 0.00
LI_NEWBRDGE___DRP 323616	45.91 2.02 0.00	43.18 1.48 0.00	41.87 1.27 0.00	41.14 1.24 0.00	41.36 1.32 0.00	38.40 1.69 0.00	42.50 1.76 0.00	40.74 1.74 0.00	39.30 1.74 0.00	38.84 1.78 0.00	57.06 2.54 -12.55	41.80 2.62 0.00	42.08 2.63 -0.01	36.51 1.99 0.00	34.75 1.68 0.00	35.82 1.60 0.00	38.30 1.74 -0.47	34.83 1.79 -0.78	37.09 1.87 -2.01	34.78 1.70 -4.62	32.58 1.88 -0.80	34.12 2.00 0.00	31.72 1.87 0.00	34.71 1.91 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.12 -0.77 0.00	41.56 -0.14 0.00	40.22 -0.38 0.00	39.67 -0.22 0.00	39.65 -0.39 0.00	35.40 -1.32 0.00	39.08 -1.66 0.00	36.82 -2.18 0.00	35.14 -2.42 0.00	34.80 -2.25 0.00	39.27 -2.71 0.00	36.70 -2.48 0.00	36.72 -2.72 0.00	32.03 -2.48 0.00	30.54 -2.52 0.00	31.55 -2.68 0.00	33.61 -2.55 -0.07	30.08 -2.29 -0.11	30.94 -2.56 -0.29	27.07 -2.07 -0.69	28.09 -1.93 -0.12	30.11 -2.02 0.00	28.14 -1.71 0.00	31.48 -1.32 0.00
LOCKPORT___CC1 323769	43.09 -0.80 0.00	41.48 -0.22 0.00	40.20 -0.41 0.00	39.66 -0.23 0.00	39.61 -0.42 0.00	35.44 -1.27 0.00	39.09 -1.64 0.00	36.82 -2.18 0.00	35.14 -2.42 0.00	34.80 -2.26 0.00	39.26 -2.72 0.00	36.68 -2.50 0.00	36.70 -2.74 0.00	32.01 -2.51 0.00	30.52 -2.55 0.00	31.51 -2.72 0.00	33.56 -2.60 -0.07	30.04 -2.34 -0.11	30.90 -2.60 -0.29	27.04 -2.10 -0.70	28.05 -1.96 -0.12	30.06 -2.06 0.00	28.11 -1.74 0.00	31.43 -1.37 0.00
LOCKPORT___CC2 323770	43.09 -0.80 0.00	41.48 -0.22 0.00	40.20 -0.41 0.00	39.66 -0.23 0.00	39.61 -0.42 0.00	35.44 -1.27 0.00	39.09 -1.64 0.00	36.82 -2.18 0.00	35.14 -2.42 0.00	34.80 -2.26 0.00	39.26 -2.72 0.00	36.68 -2.50 0.00	36.70 -2.74 0.00	32.01 -2.51 0.00	30.52 -2.55 0.00	31.51 -2.72 0.00	33.56 -2.60 -0.07	30.04 -2.34 -0.11	30.90 -2.60 -0.29	27.04 -2.10 -0.70	28.05 -1.96 -0.12	30.06 -2.06 0.00	28.11 -1.74 0.00	31.43 -1.37 0.00
LOCKPORT___CC3 323771	43.09 -0.80 0.00	41.48 -0.22 0.00	40.20 -0.41 0.00	39.66 -0.23 0.00	39.61 -0.42 0.00	35.44 -1.27 0.00	39.09 -1.64 0.00	36.82 -2.18 0.00	35.14 -2.42 0.00	34.80 -2.26 0.00	39.26 -2.72 0.00	36.68 -2.50 0.00	36.70 -2.74 0.00	32.01 -2.51 0.00	30.52 -2.55 0.00	31.51 -2.72 0.00	33.56 -2.60 -0.07	30.04 -2.34 -0.11	30.90 -2.60 -0.29	27.04 -2.10 -0.70	28.05 -1.96 -0.12	30.06 -2.06 0.00	28.11 -1.74 0.00	31.43 -1.37 0.00
LOCUSVLY_69_KV_BK2 55797	46.22 2.34 0.00	43.50 1.81 0.00	42.20 1.60 0.00	41.47 1.57 0.00	41.66 1.63 0.00	38.65 1.94 0.00	42.83 2.09 0.00	41.13 2.13 0.00	39.64 2.12 0.03	38.92 2.16 0.29	66.10 2.88 -21.24	42.07 2.88 0.00	42.34 2.89 -0.01	36.78 2.26 0.00	35.07 2.00 0.00	35.91 1.94 0.25	38.60 2.12 -0.39	35.11 2.12 -0.72	37.35 2.21 -1.94	35.04 1.97 -4.62	32.84 2.14 -0.80	34.38 2.25 0.00	31.95 2.10 0.00	34.96 2.16 0.00
LONG_LAKE_PHOENIX 24014	42.47 -1.42 0.00	40.38 -1.32 0.00	39.31 -1.29 0.00	38.65 -1.25 0.00	38.77 -1.27 0.00	35.55 -1.17 0.00	39.42 -1.32 0.00	37.71 -1.29 0.00	36.32 -1.24 0.00	35.84 -1.21 0.00	40.59 -1.39 0.00	37.89 -1.29 0.00	38.18 -1.26 0.00	33.47 -1.05 0.00	32.04 -1.03 0.00	33.20 -1.03 0.00	35.01 -1.12 -0.04	31.32 -1.01 -0.06	32.30 -1.08 -0.17	27.97 -0.86 -0.38	29.12 -0.84 -0.07	31.35 -0.78 0.00	29.14 -0.71 0.00	31.99 -0.81 0.00
LOVETT___3 23632	45.61 1.72 0.00	43.01 1.31 0.00	41.83 1.22 0.00	41.07 1.17 0.00	41.23 1.20 0.00	38.12 1.40 0.00	42.45 1.71 0.00	40.85 1.85 0.00	39.42 1.86 0.00	38.84 1.78 0.00	44.10 2.12 0.00	41.16 1.99 0.00	41.48 2.04 0.00	36.18 1.66 0.00	34.65 1.59 0.00	35.84 1.61 0.00	38.36 1.81 -0.45	34.75 1.73 -0.75	36.98 1.82 -1.95	34.54 1.59 -4.50	32.36 1.68 -0.78	33.78 1.66 0.00	31.37 1.52 0.00	34.32 1.52 0.00
LOVETT___4 23642	45.61 1.72 0.00	43.01 1.31 0.00	41.83 1.22 0.00	41.07 1.17 0.00	41.23 1.20 0.00	38.12 1.40 0.00	42.45 1.71 0.00	40.85 1.85 0.00	39.42 1.86 0.00	38.84 1.78 0.00	44.10 2.12 0.00	41.16 1.99 0.00	41.48 2.04 0.00	36.18 1.66 0.00	34.65 1.59 0.00	35.84 1.61 0.00	38.36 1.81 -0.45	34.75 1.73 -0.75	36.98 1.82 -1.95	34.54 1.59 -4.50	32.36 1.68 -0.78	33.78 1.66 0.00	31.37 1.52 0.00	34.32 1.52 0.00
LOVETT___5 23593	45.61 1.72 0.00	43.01 1.31 0.00	41.83 1.22 0.00	41.07 1.17 0.00	41.23 1.20 0.00	38.12 1.40 0.00	42.45 1.71 0.00	40.85 1.85 0.00	39.42 1.86 0.00	38.84 1.78 0.00	44.10 2.12 0.00	41.16 1.99 0.00	41.48 2.04 0.00	36.18 1.66 0.00	34.65 1.59 0.00	35.84 1.61 0.00	38.36 1.81 -0.45	34.75 1.73 -0.75	36.98 1.82 -1.95	34.54 1.59 -4.50	32.36 1.68 -0.78	33.78 1.66 0.00	31.37 1.52 0.00	34.32 1.52 0.00
LOWER RAQUET___HYD 24057	44.97 1.08 0.00	43.39 1.69 0.00	42.01 1.41 0.00	41.23 1.34 0.00	41.14 1.11 0.00	36.97 0.25 0.00	40.84 0.10 0.00	38.87 -0.12 0.00	37.13 -0.43 0.00	37.15 0.10 0.00	42.20 0.22 0.00	39.04 -0.13 0.00	39.29 -0.15 0.00	34.38 -0.14 0.00	32.90 -0.16 0.00	33.97 -0.25 0.00	35.36 -0.74 -0.01	31.82 -0.46 -0.02	32.71 -0.54 -0.04	27.22 -1.32 -0.09	28.84 -1.06 -0.02	31.67 -0.46 0.00	29.42 -0.43 0.00	32.63 -0.17 0.00
LOWER___HUDSON 24059	45.56 1.67 0.00	43.19 1.49 0.00	42.07 1.46 0.00	41.28 1.38 0.00	41.49 1.46 0.00	38.12 1.41 0.00	42.34 1.60 0.00	40.55 1.55 0.00	39.08 1.53 0.00	38.51 1.45 0.00	43.63 1.65 0.00	40.70 1.52 0.00	40.95 1.50 0.00	35.79 1.26 0.00	34.33 1.26 0.00	35.53 1.31 0.00	38.10 1.43 -0.57	34.52 1.30 -0.96	37.06 1.37 -2.48	35.30 1.14 -5.71	32.13 1.24 -0.99	33.35 1.22 0.00	31.00 1.16 0.00	34.03 1.23 0.00
LOWVILLE_115KV_TB2 356335	44.30 0.41 0.00	42.03 0.33 0.00	40.74 0.13 0.00	39.94 0.04 0.00	40.13 0.09 0.00	36.84 0.13 0.00	40.78 0.04 0.00	38.93 -0.07 0.00	37.67 0.12 0.00	37.38 0.32 0.00	42.44 0.46 0.00	39.73 0.55 0.00	40.00 0.56 0.00	35.20 0.68 0.00	33.73 0.67 0.00	34.88 0.66 0.00	36.20 0.09 -0.02	31.56 -0.74 -0.03	32.64 -0.65 -0.07	27.65 -0.97 -0.17	29.19 -0.73 -0.03	32.12 -0.01 0.00	29.35 -0.50 0.00	32.04 -0.76 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.05 2.16 0.00	43.64 1.95 0.00	42.49 1.88 0.00	41.73 1.83 0.00	41.93 1.89 0.00	38.52 1.81 0.00	42.85 2.11 0.00	41.06 2.07 0.00	39.56 2.01 0.00	38.98 1.93 0.00	44.17 2.19 0.00	41.20 2.02 0.00	41.44 2.00 0.00	36.19 1.67 0.00	34.74 1.67 0.00	36.00 1.78 0.00	38.61 1.93 -0.59	34.99 1.74 -0.98	37.55 1.82 -2.53	35.77 1.49 -5.83	32.49 1.59 -1.01	33.70 1.57 0.00	31.30 1.45 0.00	34.35 1.54 0.00



LUTHERNY_35_KV_BK2 355980	46.06 2.17 0.00	43.66 1.96 0.00	42.51 1.90 0.00	41.75 1.85 0.00	41.95 1.91 0.00	38.54 1.83 0.00	42.86 2.12 0.00	41.11 2.12 0.00	39.62 2.06 0.00	39.03 1.97 0.00	44.21 2.23 0.00	41.23 2.05 0.00	41.44 2.00 0.00	36.21 1.69 0.00	34.78 1.72 0.00	36.03 1.81 0.00	38.62 1.94 -0.59	34.99 1.74 -0.98	37.59 1.85 -2.53	35.79 1.51 -5.83	32.52 1.62 -1.01	33.73 1.60 0.00	31.31 1.47 0.00	34.37 1.57 0.00
LWR___OSWEGATCHIE_HYD 23850	44.40 0.51 0.00	42.51 0.81 0.00	41.17 0.56 0.00	40.37 0.48 0.00	40.35 0.31 0.00	36.60 -0.11 0.00	40.43 -0.30 0.00	38.54 -0.46 0.00	37.05 -0.51 0.00	36.92 -0.13 0.00	42.10 0.12 0.00	39.17 -0.01 0.00	39.41 -0.03 0.00	34.53 0.02 0.00	33.06 -0.01 0.00	34.17 -0.06 0.00	35.42 -0.68 -0.01	31.38 -0.91 -0.02	32.32 -0.95 -0.06	27.17 -1.42 -0.14	28.78 -1.14 -0.02	31.71 -0.42 0.00	29.25 -0.59 0.00	32.19 -0.61 0.00
LYONS_FALL_HYD 23570	44.46 0.57 0.00	42.22 0.52 0.00	40.99 0.38 0.00	40.21 0.32 0.00	40.40 0.36 0.00	37.09 0.37 0.00	41.13 0.40 0.00	39.33 0.33 0.00	37.99 0.44 0.00	37.60 0.54 0.00	42.66 0.68 0.00	39.89 0.71 0.00	40.16 0.72 0.00	35.29 0.77 0.00	33.81 0.74 0.00	34.96 0.74 0.00	36.49 0.39 -0.02	32.13 -0.17 -0.03	33.19 -0.09 -0.07	28.26 -0.35 -0.16	29.74 -0.18 -0.03	32.39 0.26 0.00	29.77 -0.08 0.00	32.55 -0.25 0.00
MADISON___COUNTY_LFGE 323628	44.79 0.90 0.00	42.65 0.95 0.00	41.50 0.90 0.00	40.78 0.88 0.00	40.95 0.91 0.00	37.60 0.89 0.00	41.82 1.09 0.00	40.05 1.05 0.00	38.59 1.04 0.00	38.04 0.99 0.00	43.06 1.08 0.00	40.26 1.08 0.00	40.53 1.09 0.00	35.59 1.07 0.00	34.08 1.01 0.00	35.25 1.03 0.00	37.11 0.99 -0.03	32.98 0.66 -0.05	34.00 0.67 -0.12	29.26 0.53 -0.28	30.57 0.63 -0.05	32.85 0.72 0.00	30.40 0.55 0.00	33.30 0.50 0.00
MALONE___115KV_TB1 356076	45.55 1.67 0.00	43.93 2.23 0.00	42.54 1.93 0.00	41.79 1.89 0.00	41.80 1.76 0.00	37.77 1.06 0.00	41.90 1.16 0.00	39.93 0.93 0.00	37.98 0.43 0.00	37.79 0.73 0.00	42.92 0.94 0.00	39.71 0.53 0.00	39.94 0.49 0.00	34.81 0.29 0.00	33.35 0.28 0.00	34.53 0.30 0.00	36.27 0.18 0.00	32.74 0.47 0.00	33.63 0.42 0.00	27.62 -0.83 0.00	29.11 -0.78 0.00	31.83 -0.30 0.00	29.46 -0.39 0.00	32.69 -0.11 0.00
MAPLEWOD_115KV_TB3 80458	45.36 1.47 0.00	43.02 1.32 0.00	41.91 1.30 0.00	41.12 1.22 0.00	41.31 1.28 0.00	37.98 1.27 0.00	42.14 1.40 0.00	40.37 1.38 0.00	38.93 1.37 0.00	38.36 1.31 0.00	43.44 1.46 0.00	40.54 1.36 0.00	40.80 1.36 0.00	35.68 1.16 0.00	34.22 1.15 0.00	35.40 1.17 0.00	37.96 1.30 -0.57	34.39 1.18 -0.95	36.90 1.23 -2.46	35.16 1.04 -5.67	32.00 1.12 -0.99	33.24 1.11 0.00	30.92 1.07 0.00	33.96 1.16 0.00
MAPLE_RIDGE_WT_1 323574	43.53 -0.36 0.00	41.64 -0.05 0.00	40.53 -0.08 0.00	39.75 -0.14 0.00	39.89 -0.15 0.00	36.43 -0.29 0.00	40.41 -0.33 0.00	38.49 -0.51 0.00	36.92 -0.63 0.00	36.72 -0.34 0.00	41.69 -0.29 0.00	38.91 -0.27 0.00	39.20 -0.25 0.00	34.23 -0.29 0.00	32.80 -0.27 0.00	33.91 -0.31 0.00	35.51 -0.58 0.00	31.32 -0.95 0.00	32.28 -0.93 0.00	27.36 -1.09 0.00	28.98 -0.90 0.00	31.42 -0.71 0.00	29.11 -0.74 0.00	31.92 -0.89 0.00
MAPLE_RIDGE_WT_2 323611	43.53 -0.36 0.00	41.64 -0.05 0.00	40.53 -0.08 0.00	39.75 -0.14 0.00	39.89 -0.15 0.00	36.43 -0.29 0.00	40.41 -0.33 0.00	38.49 -0.51 0.00	36.92 -0.63 0.00	36.72 -0.34 0.00	41.69 -0.29 0.00	38.91 -0.27 0.00	39.20 -0.25 0.00	34.23 -0.29 0.00	32.80 -0.27 0.00	33.91 -0.31 0.00	35.51 -0.58 0.00	31.32 -0.95 0.00	32.28 -0.93 0.00	27.36 -1.09 0.00	28.98 -0.90 0.00	31.42 -0.71 0.00	29.11 -0.74 0.00	31.92 -0.89 0.00
MARBLE_RIVER_WT_PWR 323696	45.04 1.15 0.00	43.38 1.68 0.00	42.06 1.45 0.00	41.32 1.42 0.00	41.37 1.33 0.00	37.46 0.75 0.00	41.56 0.82 0.00	39.57 0.57 0.00	37.62 0.06 0.00	37.32 0.27 0.00	42.40 0.42 0.00	39.25 0.07 0.00	39.53 0.09 0.00	34.46 -0.06 0.00	32.98 -0.08 0.00	34.15 -0.08 0.00	35.93 -0.16 0.00	32.42 0.16 0.00	33.33 0.12 0.00	27.33 -1.12 0.00	28.79 -1.10 0.00	31.42 -0.71 0.00	29.09 -0.76 0.00	32.31 -0.49 0.00
MARSHVLE_115KV_TB1 80742	43.85 -0.04 0.00	41.68 -0.01 0.00	40.59 -0.02 0.00	39.83 -0.07 0.00	40.03 -0.01 0.00	36.64 -0.07 0.00	40.66 -0.08 0.00	38.96 -0.03 0.00	37.43 -0.13 0.00	36.91 -0.14 0.00	41.83 -0.15 0.00	39.11 -0.07 0.00	39.33 -0.12 0.00	34.47 -0.05 0.00	33.08 0.01 0.00	34.27 0.05 0.00	36.75 -0.01 -0.67	33.34 -0.05 -1.12	35.73 -0.37 -2.89	34.77 -0.34 -6.66	30.68 -0.37 -1.16	31.84 -0.29 0.00	29.64 -0.21 0.00	32.45 -0.35 0.00
MARSH_HILL_WT_PWR 323713	41.95 -1.94 0.00	40.17 -1.53 0.00	39.31 -1.29 0.00	38.88 -1.01 0.00	38.95 -1.09 0.00	35.45 -1.27 0.00	39.90 -0.83 0.00	38.03 -0.97 0.00	36.20 -1.36 0.00	35.84 -1.22 0.00	40.19 -1.79 0.00	37.18 -2.00 0.00	37.21 -2.23 0.00	32.43 -2.09 0.00	30.26 -2.80 0.00	30.83 -3.40 0.00	32.74 -3.46 -0.10	29.30 -3.17 -0.20	30.32 -3.40 -0.51	26.75 -2.73 -1.03	27.36 -2.71 -0.18	29.13 -3.00 0.00	27.15 -2.70 0.00	30.08 -2.72 0.00
MCINTYRE_115KV_TB2 80467	45.80 1.92 0.00	44.30 2.60 0.00	42.87 2.27 0.00	42.11 2.21 0.00	42.10 2.06 0.00	37.86 1.14 0.00	41.94 1.21 0.00	39.91 0.91 0.00	37.99 0.43 0.00	37.88 0.83 0.00	42.92 0.94 0.00	39.52 0.34 0.00	39.79 0.35 0.00	34.98 0.46 0.00	33.47 0.40 0.00	34.55 0.33 0.00	36.25 0.15 -0.01	32.78 0.50 -0.01	33.76 0.51 -0.03	28.10 -0.43 -0.08	29.79 -0.11 -0.01	32.55 0.43 0.00	30.21 0.36 0.00	33.43 0.63 0.00
MECO_____69_KV_BK1 80468	45.26 1.37 0.00	42.97 1.27 0.00	41.81 1.20 0.00	41.04 1.14 0.00	41.26 1.22 0.00	37.83 1.12 0.00	42.11 1.38 0.00	40.41 1.41 0.00	38.86 1.30 0.00	38.22 1.17 0.00	43.28 1.30 0.00	40.46 1.28 0.00	40.51 1.07 0.00	35.54 1.03 0.00	34.13 1.06 0.00	35.53 1.30 0.00	38.14 1.41 -0.65	34.63 1.28 -1.08	37.08 1.09 -2.78	35.76 0.90 -6.41	31.93 0.92 -1.12	33.12 0.99 0.00	30.76 0.92 0.00	33.70 0.90 0.00
MENANDS___115KV_TB5 355628	45.19 1.30 0.00	42.86 1.16 0.00	41.76 1.15 0.00	40.98 1.08 0.00	41.18 1.14 0.00	37.86 1.15 0.00	41.98 1.24 0.00	40.21 1.22 0.00	38.77 1.22 0.00	38.20 1.15 0.00	43.25 1.27 0.00	40.36 1.18 0.00	40.63 1.18 0.00	35.54 1.02 0.00	34.08 1.01 0.00	35.25 1.02 0.00	37.80 1.14 -0.57	34.23 1.01 -0.95	36.73 1.07 -2.45	35.01 0.91 -5.65	31.86 0.99 -0.98	33.10 0.97 0.00	30.80 0.95 0.00	33.85 1.05 0.00
MG INDUSTRY___DRP 24185	45.20 1.31 0.00	42.91 1.22 0.00	41.83 1.23 0.00	41.07 1.17 0.00	41.24 1.20 0.00	37.87 1.16 0.00	41.98 1.24 0.00	40.19 1.19 0.00	38.70 1.15 0.00	38.13 1.07 0.00	43.14 1.17 0.00	40.22 1.05 0.00	40.47 1.03 0.00	35.45 0.93 0.00	33.98 0.92 0.00	35.17 0.95 0.00	37.71 1.06 -0.56	34.16 0.97 -0.93	36.63 1.01 -2.41	34.85 0.86 -5.54	31.80 0.95 -0.96	33.08 0.95 0.00	30.79 0.94 0.00	33.82 1.02 0.00



MID___OSWEGATCHIE_HYD 23849	44.40 0.51 0.00	42.51 0.81 0.00	41.17 0.56 0.00	40.37 0.48 0.00	40.35 0.31 0.00	36.60 -0.11 0.00	40.43 -0.30 0.00	38.54 -0.46 0.00	37.05 -0.51 0.00	36.92 -0.13 0.00	42.10 0.12 0.00	39.17 -0.01 0.00	39.41 -0.03 0.00	34.53 0.02 0.00	33.06 -0.01 0.00	34.17 -0.06 0.00	35.42 -0.68 -0.01	31.38 -0.91 -0.02	32.32 -0.95 -0.06	27.17 -1.42 -0.14	28.78 -1.14 -0.02	31.71 -0.42 0.00	29.25 -0.59 0.00	32.19 -0.61 0.00
MID___RAQUETTE_HYD 23851	44.97 1.08 0.00	43.39 1.69 0.00	42.01 1.41 0.00	41.24 1.34 0.00	41.14 1.11 0.00	36.97 0.25 0.00	40.84 0.10 0.00	38.87 -0.12 0.00	37.13 -0.43 0.00	37.15 0.10 0.00	42.20 0.22 0.00	39.04 -0.13 0.00	39.29 -0.15 0.00	34.38 -0.14 0.00	32.90 -0.16 0.00	33.97 -0.25 0.00	35.36 -0.74 -0.01	31.82 -0.46 -0.02	32.70 -0.54 -0.04	27.22 -1.32 -0.09	28.84 -1.06 -0.02	31.67 -0.46 0.00	29.41 -0.43 0.00	32.63 -0.17 0.00
MILLIKEN___1 23584	44.05 0.16 0.00	41.91 0.21 0.00	40.73 0.12 0.00	40.08 0.19 0.00	40.23 0.19 0.00	36.80 0.09 0.00	40.95 0.21 0.00	39.17 0.17 0.00	37.66 0.11 0.00	37.07 0.01 0.00	41.93 -0.05 0.00	39.08 -0.10 0.00	39.44 0.00 0.00	34.51 -0.01 0.00	32.88 -0.19 0.00	34.33 0.11 0.00	36.30 0.11 -0.10	32.49 0.06 -0.17	33.70 0.06 -0.43	29.52 0.09 -0.98	30.23 0.17 -0.17	32.37 0.25 0.00	30.04 0.19 0.00	32.98 0.18 0.00
MILLIKEN___2 23585	44.05 0.16 0.00	41.91 0.21 0.00	40.73 0.12 0.00	40.08 0.19 0.00	40.23 0.19 0.00	36.80 0.09 0.00	40.95 0.21 0.00	39.17 0.17 0.00	37.66 0.11 0.00	37.07 0.01 0.00	41.93 -0.05 0.00	39.08 -0.10 0.00	39.44 0.00 0.00	34.51 -0.01 0.00	32.88 -0.19 0.00	34.33 0.11 0.00	36.30 0.11 -0.10	32.49 0.06 -0.17	33.70 0.06 -0.43	29.52 0.09 -0.98	30.23 0.17 -0.17	32.37 0.25 0.00	30.04 0.19 0.00	32.98 0.18 0.00
MILLIKEN___DIESEL 23629	44.05 0.16 0.00	41.91 0.21 0.00	40.73 0.12 0.00	40.08 0.19 0.00	40.23 0.19 0.00	36.80 0.09 0.00	40.95 0.21 0.00	39.17 0.17 0.00	37.66 0.11 0.00	37.07 0.01 0.00	41.93 -0.05 0.00	39.08 -0.10 0.00	39.44 0.00 0.00	34.51 -0.01 0.00	32.88 -0.19 0.00	34.33 0.11 0.00	36.30 0.11 -0.10	32.49 0.06 -0.17	33.70 0.06 -0.43	29.52 0.09 -0.98	30.23 0.17 -0.17	32.37 0.25 0.00	30.04 0.19 0.00	32.98 0.18 0.00
MILLSEAT___LFGE 323607	43.84 -0.05 0.00	42.12 0.42 0.00	40.81 0.20 0.00	40.24 0.34 0.00	40.25 0.21 0.00	36.12 -0.59 0.00	39.97 -0.77 0.00	37.78 -1.22 0.00	36.12 -1.44 0.00	35.71 -1.35 0.00	40.23 -1.75 0.00	37.71 -1.47 0.00	37.62 -1.82 0.00	32.96 -1.56 0.00	31.46 -1.61 0.00	32.52 -1.70 0.00	34.66 -1.50 -0.07	31.04 -1.34 -0.11	31.92 -1.57 -0.28	27.88 -1.23 -0.66	28.90 -1.10 -0.11	30.95 -1.18 0.00	28.88 -0.96 0.00	32.19 -0.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.70 1.81 0.00	43.11 1.41 0.00	41.91 1.30 0.00	41.16 1.26 0.00	41.32 1.29 0.00	38.19 1.48 0.00	42.53 1.79 0.00	40.93 1.93 0.00	39.50 1.94 0.00	38.92 1.87 0.00	44.21 2.23 0.00	41.28 2.10 0.00	41.59 2.15 0.00	36.28 1.76 0.00	34.73 1.67 0.00	35.90 1.68 0.00	38.44 1.89 -0.46	34.84 1.80 -0.77	37.09 1.88 -1.99	34.69 1.64 -4.60	32.43 1.74 -0.80	33.85 1.73 0.00	31.45 1.60 0.00	34.41 1.60 0.00
MILLWOOD_13_KV_LOAD 356217	45.79 1.91 0.00	43.19 1.49 0.00	41.99 1.38 0.00	41.23 1.33 0.00	41.40 1.36 0.00	38.27 1.56 0.00	42.62 1.88 0.00	41.02 2.02 0.00	39.58 2.03 0.00	39.02 1.97 0.00	44.33 2.35 0.00	41.38 2.21 0.00	41.70 2.25 0.00	36.38 1.85 0.00	34.82 1.76 0.00	35.99 1.77 0.00	38.54 1.99 -0.46	34.93 1.89 -0.77	37.18 1.97 -1.99	34.77 1.72 -4.60	32.52 1.83 -0.80	33.93 1.80 0.00	31.52 1.67 0.00	34.48 1.68 0.00
MODEL_CITY_ENERGY 24167	42.76 -1.13 0.00	41.22 -0.48 0.00	39.93 -0.67 0.00	39.39 -0.51 0.00	39.32 -0.72 0.00	35.13 -1.58 0.00	38.68 -2.06 0.00	36.42 -2.58 0.00	34.76 -2.80 0.00	34.42 -2.63 0.00	38.84 -3.14 0.00	36.30 -2.88 0.00	36.34 -3.11 0.00	31.69 -2.83 0.00	30.21 -2.86 0.00	31.19 -3.03 0.00	33.25 -2.91 -0.07	29.75 -2.63 -0.11	30.59 -2.91 -0.29	26.79 -2.36 -0.71	27.79 -2.22 -0.12	29.80 -2.33 0.00	27.86 -1.99 0.00	31.22 -1.59 0.00
MODERN_LFGE___ 323580	42.76 -1.13 0.00	41.22 -0.48 0.00	39.93 -0.67 0.00	39.39 -0.51 0.00	39.32 -0.72 0.00	35.13 -1.58 0.00	38.68 -2.06 0.00	36.42 -2.58 0.00	34.76 -2.80 0.00	34.42 -2.63 0.00	38.84 -3.14 0.00	36.30 -2.88 0.00	36.34 -3.11 0.00	31.69 -2.83 0.00	30.21 -2.86 0.00	31.19 -3.03 0.00	33.25 -2.91 -0.07	29.75 -2.63 -0.11	30.59 -2.91 -0.29	26.79 -2.36 -0.71	27.79 -2.22 -0.12	29.80 -2.33 0.00	27.86 -1.99 0.00	31.22 -1.59 0.00
MOHAWK_PAPER___DRP 24187	45.36 1.47 0.00	43.02 1.32 0.00	41.91 1.30 0.00	41.12 1.22 0.00	41.31 1.28 0.00	37.98 1.27 0.00	42.14 1.40 0.00	40.37 1.38 0.00	38.93 1.37 0.00	38.36 1.31 0.00	43.44 1.46 0.00	40.54 1.36 0.00	40.80 1.36 0.00	35.68 1.16 0.00	34.22 1.15 0.00	35.40 1.17 0.00	37.96 1.30 -0.57	34.39 1.18 -0.95	36.90 1.23 -2.46	35.16 1.04 -5.67	32.00 1.12 -0.99	33.24 1.11 0.00	30.92 1.07 0.00	33.96 1.16 0.00
MOHICAN___35_KV_115KV_LD 80490	46.45 2.56 0.00	43.94 2.24 0.00	42.74 2.13 0.00	42.00 2.10 0.00	42.21 2.17 0.00	38.82 2.11 0.00	43.22 2.48 0.00	41.47 2.48 0.00	40.00 2.44 0.00	39.37 2.32 0.00	44.60 2.62 0.00	41.57 2.39 0.00	41.80 2.36 0.00	36.47 1.94 0.00	35.00 1.94 0.00	36.33 2.11 0.00	39.00 2.32 -0.59	35.37 2.12 -0.98	37.93 2.19 -2.53	36.03 1.74 -5.83	32.68 1.78 -1.02	33.86 1.73 0.00	31.39 1.54 0.00	34.47 1.67 0.00
MONGAUP___HYD 23641	45.94 2.05 0.00	43.40 1.71 0.00	42.20 1.59 0.00	41.41 1.52 0.00	41.60 1.56 0.00	38.37 1.66 0.00	42.73 2.00 0.00	41.10 2.11 0.00	39.60 2.04 0.00	38.98 1.93 0.00	44.19 2.21 0.00	41.12 1.94 0.00	41.37 1.93 0.00	36.08 1.56 0.00	34.71 1.65 0.00	35.97 1.75 0.00	38.49 1.98 -0.43	34.90 1.92 -0.71	37.11 2.07 -1.84	34.44 1.77 -4.23	32.48 1.85 -0.74	33.96 1.83 0.00	31.49 1.64 0.00	34.42 1.61 0.00
MONTAUK___DIESEL 23721	44.76 0.87 0.00	41.88 0.18 0.00	40.53 -0.07 0.00	39.85 -0.04 0.00	40.07 0.03 0.00	37.60 0.89 0.00	41.39 0.65 0.00	39.80 0.80 0.00	38.57 0.87 0.00	39.46 1.07 -0.15	57.34 1.84 -13.52	41.42 2.24 0.00	41.64 2.20 -0.01	36.07 1.55 0.00	34.25 1.18 0.00	36.36 1.01 -1.13	37.98 1.08 -0.81	34.68 1.39 -1.02	37.06 1.52 -2.33	34.49 1.42 -4.62	32.25 1.56 -0.80	33.97 1.84 0.00	31.57 1.72 0.00	34.90 2.10 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.29 -0.60 0.00	41.49 -0.20 0.00	40.08 -0.53 0.00	39.71 -0.19 0.00	39.93 -0.11 0.00	35.66 -1.05 0.00	39.79 -0.95 0.00	37.40 -1.60 0.00	35.27 -2.28 0.00	34.78 -2.27 0.00	39.12 -2.86 0.00	35.99 -3.19 0.00	35.26 -4.19 0.00	30.93 -3.59 0.00	29.77 -3.30 0.00	30.94 -3.28 0.00	32.24 -3.94 -0.08	28.70 -3.70 -0.13	29.54 -4.02 -0.35	25.91 -3.38 -0.83	26.79 -3.25 -0.14	28.62 -3.51 0.00	26.65 -3.20 0.00	29.75 -3.05 0.00



MORRIS_RIDGE___SOLAR 323848	42.46 -1.43 0.00	40.67 -1.03 0.00	39.60 -1.01 0.00	39.15 -0.75 0.00	39.17 -0.87 0.00	35.44 -1.28 0.00	39.54 -1.20 0.00	37.51 -1.48 0.00	35.81 -1.75 0.00	35.35 -1.70 0.00	39.82 -2.16 0.00	37.02 -2.16 0.00	36.92 -2.53 0.00	32.11 -3.06 0.00	30.39 -2.67 0.00	31.21 -3.01 0.00	33.13 -3.06 -0.10	29.61 -2.79 -0.12	30.56 -2.99 -0.34	26.98 -2.44 -0.97	27.67 -2.39 -0.17	29.51 -2.62 0.00	27.52 -2.32 0.00	30.59 -2.21 0.00
MORTIMER_115KV_TB3 55949	43.53 -0.36 0.00	41.66 -0.03 0.00	40.41 -0.20 0.00	39.81 -0.09 0.00	39.89 -0.15 0.00	36.13 -0.59 0.00	40.08 -0.65 0.00	38.05 -0.95 0.00	36.46 -1.10 0.00	36.07 -0.99 0.00	40.74 -1.24 0.00	38.12 -1.06 0.00	38.22 -1.22 0.00	33.46 -1.06 0.00	32.03 -1.04 0.00	33.14 -1.09 0.00	35.13 -1.01 -0.06	31.45 -0.91 -0.09	32.41 -1.04 -0.24	28.18 -0.82 -0.55	29.22 -0.76 -0.09	31.34 -0.79 0.00	29.19 -0.66 0.00	32.29 -0.51 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.93 2.04 0.00	43.30 1.61 0.00	42.11 1.50 0.00	41.35 1.45 0.00	41.50 1.46 0.00	38.40 1.69 0.00	42.77 2.03 0.00	41.20 2.20 0.00	39.82 2.22 -0.05	39.20 2.15 0.00	44.52 2.54 0.00	41.58 2.41 0.00	41.90 2.46 0.00	36.54 2.02 0.00	34.98 1.91 0.00	36.14 1.92 0.00	38.68 2.13 -0.47	35.05 2.01 -0.78	37.31 2.10 -2.01	34.89 1.82 -4.62	32.64 1.94 -0.80	34.05 1.93 0.00	31.62 1.77 0.00	34.58 1.78 0.00
MUNSVILLE_WIND_PWR 323609	44.79 0.91 0.00	42.76 1.06 0.00	41.66 1.05 0.00	40.91 1.01 0.00	41.14 1.10 0.00	38.01 1.30 0.00	42.40 1.66 0.00	40.52 1.52 0.00	39.07 1.52 0.00	38.45 1.39 0.00	43.54 1.56 0.00	40.28 1.10 0.00	40.55 1.10 0.00	35.80 1.28 0.00	34.11 1.04 0.00	36.16 1.93 0.00	38.27 2.03 -0.15	33.26 0.74 -0.25	34.33 0.47 -0.65	30.59 0.65 -1.49	30.78 0.63 -0.26	33.48 1.36 0.00	31.01 1.16 0.00	33.34 0.54 0.00
N SALMON___HYD 24042	45.55 1.67 0.00	43.92 2.22 0.00	42.54 1.93 0.00	41.78 1.88 0.00	41.79 1.76 0.00	37.77 1.06 0.00	41.90 1.16 0.00	39.93 0.94 0.00	37.98 0.42 0.00	37.79 0.73 0.00	42.92 0.94 0.00	39.71 0.53 0.00	39.94 0.49 0.00	34.81 0.29 0.00	33.35 0.28 0.00	34.53 0.30 0.00	36.27 0.18 0.00	32.74 0.47 0.00	33.63 0.42 0.00	27.62 -0.83 0.00	29.11 -0.78 0.00	31.83 -0.30 0.00	29.46 -0.39 0.00	32.69 -0.11 0.00
N.AKRON__115KV_KNAPP 355671	43.67 -0.22 0.00	42.03 0.33 0.00	40.68 0.07 0.00	40.11 0.21 0.00	40.11 0.07 0.00	35.90 -0.81 0.00	39.73 -1.00 0.00	37.52 -1.48 0.00	35.84 -1.71 0.00	35.47 -1.59 0.00	40.00 -1.98 0.00	37.42 -1.76 0.00	37.36 -2.08 0.00	32.70 -1.82 0.00	31.20 -1.87 0.00	32.25 -1.98 0.00	34.34 -1.81 -0.07	30.76 -1.62 -0.11	31.63 -1.86 -0.28	27.64 -1.49 -0.67	28.66 -1.35 -0.12	30.71 -1.42 0.00	28.66 -1.19 0.00	31.99 -0.81 0.00
N.E_GEN_SANDY PD 24062	50.37 1.69 -4.79	45.11 1.45 -1.97	44.94 1.39 -2.94	41.77 1.30 -0.57	44.75 1.37 -3.34	45.94 1.41 -7.82	60.20 1.61 -17.85	59.41 1.62 -18.80	43.29 1.61 -4.13	39.48 1.53 -0.90	47.78 1.81 -3.99	41.74 1.67 -0.89	41.12 1.68 0.00	37.76 1.42 -1.82	36.60 1.37 -2.16	42.64 1.39 -7.03	44.64 1.54 -7.02	39.86 1.42 -6.18	45.54 1.49 -10.84	42.42 1.29 -12.67	47.67 1.40 -16.38	43.39 1.40 -9.86	35.50 1.37 -4.28	36.84 1.45 -2.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.67 1.78 0.00	43.06 1.37 0.00	41.87 1.26 0.00	41.12 1.22 0.00	41.29 1.25 0.00	38.17 1.46 0.00	42.52 1.78 0.00	40.90 1.91 0.00	39.47 1.91 0.00	38.89 1.84 0.00	44.16 2.19 0.00	41.23 2.05 0.00	41.52 2.08 0.00	36.23 1.71 0.00	34.69 1.63 0.00	35.88 1.66 0.00	38.42 1.88 -0.45	34.81 1.79 -0.75	37.04 1.89 -1.95	34.57 1.64 -4.48	32.41 1.74 -0.78	33.83 1.70 0.00	31.42 1.57 0.00	34.37 1.57 0.00
N.QUEENS_27_KV_LOAD 356247	45.94 2.05 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.32 1.43 0.00	41.42 1.38 0.00	38.41 1.70 0.00	42.75 2.01 0.00	41.49 2.40 -0.10	41.23 2.40 -1.28	39.29 2.24 0.00	44.50 2.52 0.00	41.52 2.34 0.00	41.91 2.47 0.00	36.52 2.00 0.00	34.97 1.90 0.00	36.11 1.88 0.00	38.61 2.06 -0.47	35.03 1.99 -0.78	37.27 2.05 -2.01	34.88 1.81 -4.62	32.65 1.96 -0.80	34.07 1.95 0.00	31.60 1.75 0.00	34.52 1.72 0.00
N.TROY___115KV_TB1 355778	45.56 1.67 0.00	43.19 1.49 0.00	42.07 1.46 0.00	41.29 1.39 0.00	41.50 1.46 0.00	38.13 1.41 0.00	42.34 1.60 0.00	40.56 1.56 0.00	39.08 1.52 0.00	38.50 1.45 0.00	43.63 1.65 0.00	40.70 1.52 0.00	40.94 1.50 0.00	35.79 1.26 0.00	34.33 1.26 0.00	35.53 1.31 0.00	38.10 1.43 -0.57	34.52 1.30 -0.96	37.05 1.36 -2.48	35.30 1.14 -5.71	32.13 1.24 -0.99	33.35 1.22 0.00	31.00 1.16 0.00	34.03 1.23 0.00
NARROWS_GT1_1 24228	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT1_2 24229	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT1_3 24230	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT1_4 24231	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT1_5 24232	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00



NARROWS_GT1_6 24233	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT1_7 24234	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT1_8 24235	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_1 24236	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_2 24237	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_3 24238	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_4 24239	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_5 24240	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_6 24241	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_7 24242	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NARROWS_GT2_8 24243	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.01 2.12 0.00	43.66 1.96 0.00	42.53 1.92 0.00	41.74 1.84 0.00	41.93 1.89 0.00	38.54 1.83 0.00	42.80 2.06 0.00	41.09 2.10 0.00	39.57 2.02 0.00	38.89 1.83 0.00	44.01 2.02 0.00	41.01 1.83 0.00	41.13 1.68 0.00	36.13 1.61 0.00	34.72 1.65 0.00	35.97 1.75 0.00	38.57 1.94 -0.54	34.94 1.77 -0.90	37.32 1.78 -2.33	35.29 1.47 -5.37	32.39 1.57 -0.94	33.72 1.59 0.00	31.34 1.49 0.00	34.40 1.59 0.00
NCHELSEA_115KV_TR2 355582	46.00 2.11 0.00	43.42 1.73 0.00	42.24 1.63 0.00	41.46 1.56 0.00	41.62 1.59 0.00	38.44 1.72 0.00	42.80 2.06 0.00	41.17 2.17 0.00	39.72 2.17 0.00	39.17 2.11 0.00	44.47 2.49 0.00	41.50 2.32 0.00	41.79 2.35 0.00	36.49 1.96 0.00	34.97 1.90 0.00	36.15 1.93 0.00	38.72 2.17 -0.47	35.09 2.05 -0.78	37.36 2.13 -2.01	34.92 1.84 -4.63	32.63 1.93 -0.81	34.05 1.93 0.00	31.63 1.78 0.00	34.59 1.79 0.00
NEG CAPITAL___MECHNVIL 23645	46.13 2.24 0.00	43.72 2.02 0.00	42.56 1.95 0.00	41.79 1.89 0.00	42.00 1.96 0.00	38.57 1.86 0.00	42.93 2.19 0.00	41.13 2.14 0.00	39.63 2.07 0.00	39.06 2.00 0.00	44.26 2.28 0.00	41.29 2.11 0.00	41.56 2.11 0.00	36.27 1.75 0.00	34.83 1.76 0.00	36.08 1.86 0.00	38.69 2.02 -0.58	35.07 1.84 -0.97	37.61 1.89 -2.51	35.81 1.57 -5.79	32.57 1.67 -1.01	33.79 1.66 0.00	31.37 1.52 0.00	34.42 1.62 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.71 -1.18 0.00	40.81 -0.89 0.00	39.62 -1.00 0.00	39.02 -0.88 0.00	39.11 -0.93 0.00	35.55 -1.17 0.00	39.45 -1.28 0.00	37.50 -1.49 0.00	35.95 -1.60 0.00	35.55 -1.50 0.00	40.19 -1.80 0.00	37.56 -1.62 0.00	37.73 -1.71 0.00	33.04 -1.48 0.00	31.64 -1.43 0.00	32.73 -1.50 0.00	34.69 -1.46 -0.05	31.06 -1.30 -0.09	32.00 -1.44 -0.23	27.80 -1.17 -0.52	28.82 -1.16 -0.09	30.92 -1.21 0.00	28.77 -1.08 0.00	31.76 -1.04 0.00



NEG CENTRAL___DRP 24199	43.53 -0.36 0.00	41.50 -0.20 0.00	40.28 -0.32 0.00	39.69 -0.21 0.00	39.82 -0.21 0.00	36.32 -0.39 0.00	40.34 -0.40 0.00	38.48 -0.51 0.00	36.97 -0.59 0.00	36.48 -0.57 0.00	41.25 -0.73 0.00	38.53 -0.65 0.00	38.82 -0.63 0.00	33.98 -0.55 0.00	32.48 -0.59 0.00	33.72 -0.50 0.00	35.66 -0.48 -0.05	31.95 -0.40 -0.09	32.99 -0.45 -0.23	28.63 -0.34 -0.52	29.68 -0.30 -0.09	31.88 -0.25 0.00	29.60 -0.25 0.00	32.61 -0.19 0.00
NEG CENTRAL___INDECK 23768	44.39 0.50 0.00	42.42 0.73 0.00	41.25 0.64 0.00	40.70 0.80 0.00	40.77 0.73 0.00	37.00 0.29 0.00	41.33 0.59 0.00	39.36 0.36 0.00	37.64 0.08 0.00	37.09 0.04 0.00	41.83 -0.15 0.00	38.95 -0.23 0.00	38.61 -0.83 0.00	33.97 -0.55 0.00	32.41 -0.66 0.00	33.43 -0.79 0.00	35.60 -0.58 -0.08	31.93 -0.51 -0.17	33.00 -0.64 -0.42	28.82 -0.47 -0.84	29.63 -0.41 -0.15	31.67 -0.46 0.00	29.47 -0.38 0.00	32.61 -0.19 0.00
NEG CENTRAL___SENECA 23627	43.60 -0.29 0.00	41.59 -0.11 0.00	40.37 -0.23 0.00	39.76 -0.14 0.00	39.88 -0.16 0.00	36.34 -0.37 0.00	40.37 -0.36 0.00	38.48 -0.52 0.00	36.93 -0.62 0.00	36.46 -0.59 0.00	41.21 -0.76 0.00	38.52 -0.66 0.00	38.77 -0.67 0.00	33.92 -0.60 0.00	32.44 -0.62 0.00	33.67 -0.56 0.00	35.64 -0.50 -0.05	31.93 -0.43 -0.09	32.94 -0.50 -0.22	28.58 -0.38 -0.52	29.64 -0.34 -0.09	31.81 -0.32 0.00	29.56 -0.29 0.00	32.59 -0.21 0.00
NEG CENTRAL___STATE_STREET 24147	43.70 -0.19 0.00	41.62 -0.08 0.00	40.32 -0.29 0.00	39.80 -0.10 0.00	39.95 -0.09 0.00	36.42 -0.29 0.00	40.44 -0.30 0.00	38.64 -0.36 0.00	37.17 -0.39 0.00	36.62 -0.43 0.00	41.45 -0.52 0.00	38.68 -0.49 0.00	39.01 -0.43 0.00	34.16 -0.36 0.00	32.62 -0.44 0.00	33.90 -0.33 0.00	35.83 -0.33 -0.06	32.09 -0.27 -0.10	33.24 -0.23 -0.26	28.88 -0.16 -0.59	29.92 -0.07 -0.10	32.14 0.01 0.00	29.76 -0.08 0.00	32.78 -0.02 0.00
NEG MILLWOOD___DRP 24198	46.09 2.21 0.00	43.48 1.78 0.00	42.28 1.67 0.00	41.50 1.60 0.00	41.66 1.63 0.00	38.50 1.78 0.00	42.88 2.14 0.00	41.28 2.28 0.00	39.84 2.28 0.00	39.28 2.22 0.00	44.63 2.65 0.00	41.66 2.48 0.00	41.96 2.51 0.00	36.63 2.11 0.00	35.08 2.01 0.00	36.26 2.04 0.00	38.84 2.28 -0.47	35.21 2.16 -0.78	37.49 2.25 -2.03	35.05 1.93 -4.67	32.74 2.03 -0.81	34.16 2.03 0.00	31.72 1.87 0.00	34.70 1.90 0.00
NEG NORTH_FLCN_SEA 23793	45.61 1.72 0.00	43.87 2.17 0.00	42.58 1.97 0.00	41.88 1.98 0.00	41.92 1.88 0.00	38.00 1.29 0.00	42.14 1.41 0.00	40.17 1.18 0.00	38.19 0.63 0.00	37.79 0.74 0.00	42.98 1.00 0.00	39.79 0.62 0.00	40.10 0.66 0.00	34.90 0.38 0.00	33.44 0.37 0.00	34.65 0.43 0.00	36.48 0.39 0.00	32.88 0.61 0.00	33.82 0.61 0.00	27.71 -0.74 0.00	29.10 -0.79 0.00	31.75 -0.38 0.00	29.39 -0.46 0.00	32.70 -0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	45.12 1.23 0.00	43.50 1.81 0.00	42.14 1.54 0.00	41.40 1.51 0.00	41.45 1.41 0.00	37.53 0.81 0.00	41.65 0.91 0.00	39.65 0.65 0.00	37.67 0.11 0.00	37.37 0.32 0.00	42.44 0.46 0.00	39.27 0.09 0.00	39.51 0.07 0.00	34.42 -0.10 0.00	33.00 -0.06 0.00	34.17 -0.06 0.00	35.99 -0.09 0.00	32.49 0.22 0.00	33.40 0.19 0.00	27.37 -1.08 0.00	28.81 -1.08 0.00	31.46 -0.67 0.00	29.10 -0.75 0.00	32.33 -0.47 0.00
NEG NORTH___ALICE_FALLS 23915	45.69 1.80 0.00	43.95 2.25 0.00	42.62 2.01 0.00	41.92 2.02 0.00	41.96 1.92 0.00	38.04 1.33 0.00	42.22 1.48 0.00	40.24 1.25 0.00	38.27 0.71 0.00	37.87 0.81 0.00	43.06 1.08 0.00	39.86 0.68 0.00	40.14 0.70 0.00	34.92 0.40 0.00	33.48 0.41 0.00	34.71 0.49 0.00	36.56 0.47 0.00	32.98 0.71 0.00	33.92 0.71 0.00	27.80 -0.65 0.00	29.22 -0.67 0.00	31.86 -0.27 0.00	29.48 -0.37 0.00	32.77 -0.03 0.00
NEG NORTH___LWR_SARANAC 23913	45.69 1.80 0.00	43.95 2.25 0.00	42.62 2.01 0.00	41.92 2.02 0.00	41.96 1.92 0.00	38.04 1.33 0.00	42.22 1.48 0.00	40.24 1.25 0.00	38.27 0.71 0.00	37.87 0.81 0.00	43.06 1.08 0.00	39.86 0.68 0.00	40.14 0.70 0.00	34.92 0.40 0.00	33.48 0.41 0.00	34.71 0.49 0.00	36.56 0.47 0.00	32.98 0.71 0.00	33.92 0.71 0.00	27.80 -0.65 0.00	29.22 -0.67 0.00	31.86 -0.27 0.00	29.48 -0.37 0.00	32.77 -0.03 0.00
NEG NORTH___PLATTSBURG 23628	45.69 1.80 0.00	43.94 2.24 0.00	42.62 2.01 0.00	41.91 2.01 0.00	41.95 1.92 0.00	38.04 1.33 0.00	42.22 1.48 0.00	40.24 1.25 0.00	38.27 0.71 0.00	37.87 0.81 0.00	43.06 1.08 0.00	39.86 0.68 0.00	40.14 0.70 0.00	34.92 0.40 0.00	33.48 0.41 0.00	34.71 0.49 0.00	36.56 0.46 0.00	32.98 0.71 0.00	33.93 0.72 0.00	27.80 -0.65 0.00	29.22 -0.67 0.00	31.86 -0.27 0.00	29.48 -0.37 0.00	32.77 -0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	43.09 -0.80 0.00	41.52 -0.18 0.00	40.19 -0.41 0.00	39.66 -0.24 0.00	39.62 -0.42 0.00	35.38 -1.33 0.00	39.09 -1.65 0.00	36.81 -2.18 0.00	35.13 -2.43 0.00	34.80 -2.26 0.00	39.26 -2.72 0.00	36.69 -2.49 0.00	36.71 -2.73 0.00	32.01 -2.51 0.00	30.52 -2.55 0.00	31.51 -2.71 0.00	33.56 -2.60 -0.07	30.04 -2.34 -0.11	30.90 -2.60 -0.29	27.05 -2.10 -0.70	28.06 -1.96 -0.12	30.07 -2.06 0.00	28.10 -1.75 0.00	31.43 -1.37 0.00
NEG WEST___LANCASTR 23811	43.37 -0.52 0.00	41.62 -0.08 0.00	40.33 -0.27 0.00	39.81 -0.09 0.00	39.82 -0.22 0.00	35.74 -0.97 0.00	39.69 -1.05 0.00	37.49 -1.51 0.00	35.78 -1.78 0.00	35.48 -1.57 0.00	40.10 -1.88 0.00	37.46 -1.72 0.00	37.49 -1.96 0.00	32.73 -1.79 0.00	31.21 -1.86 0.00	32.25 -1.98 0.00	34.13 -2.04 -0.08	30.56 -1.84 -0.13	31.46 -2.09 -0.35	27.58 -1.70 -0.83	28.52 -1.51 -0.14	30.52 -1.61 0.00	28.51 -1.34 0.00	31.77 -1.03 0.00
NEG_PENN_ALLEGHNY 23528	43.64 -0.25 0.00	41.53 -0.17 0.00	40.41 -0.20 0.00	39.75 -0.15 0.00	39.85 -0.18 0.00	36.41 -0.30 0.00	40.51 -0.22 0.00	38.70 -0.30 0.00	37.20 -0.36 0.00	36.73 -0.33 0.00	41.57 -0.41 0.00	38.81 -0.37 0.00	39.05 -0.39 0.00	34.20 -0.32 0.00	32.66 -0.41 0.00	33.88 -0.35 0.00	35.82 -0.43 -0.15	32.14 -0.39 -0.26	33.48 -0.40 -0.67	29.66 -0.33 -1.54	29.93 -0.23 -0.27	31.83 -0.30 0.00	29.61 -0.24 0.00	32.57 -0.23 0.00
NEG___GEN_MONROE 24207	43.91 0.02 0.00	42.08 0.38 0.00	40.83 0.22 0.00	40.21 0.32 0.00	40.27 0.23 0.00	36.48 -0.24 0.00	40.34 -0.40 0.00	38.26 -0.74 0.00	36.66 -0.90 0.00	36.24 -0.82 0.00	40.86 -1.11 0.00	38.29 -0.89 0.00	38.31 -1.13 0.00	33.54 -0.98 0.00	32.16 -0.91 0.00	33.27 -0.95 0.00	35.30 -0.85 -0.06	31.63 -0.73 -0.09	32.57 -0.87 -0.24	28.33 -0.68 -0.55	29.40 -0.59 -0.10	31.51 -0.62 0.00	29.35 -0.50 0.00	32.48 -0.32 0.00
NEPA___ENERGY 23901	42.78 -1.11 0.00	40.90 -0.80 0.00	39.62 -0.99 0.00	39.15 -0.75 0.00	39.18 -0.86 0.00	35.18 -1.53 0.00	39.24 -1.50 0.00	37.05 -1.95 0.00	35.31 -2.25 0.00	34.96 -2.10 0.00	39.43 -2.55 0.00	36.74 -2.44 0.00	36.66 -2.78 0.00	32.09 -2.43 0.00	30.59 -2.48 0.00	31.72 -2.51 0.00	33.37 -2.80 -0.08	29.94 -2.46 -0.13	30.97 -2.59 -0.35	27.10 -2.19 -0.84	28.06 -1.98 -0.15	29.91 -2.22 0.00	27.93 -1.92 0.00	31.16 -1.65 0.00



NEVERSINK___HYD 23608	45.40 1.52 0.00	42.90 1.21 0.00	41.71 1.11 0.00	40.96 1.06 0.00	41.12 1.09 0.00	37.93 1.21 0.00	42.25 1.52 0.00	40.64 1.64 0.00	39.17 1.62 0.00	38.58 1.53 0.00	43.80 1.83 0.00	40.71 1.53 0.00	41.05 1.61 0.00	35.81 1.30 0.00	34.42 1.36 0.00	35.66 1.43 0.00	38.15 1.64 -0.42	34.56 1.59 -0.70	36.72 1.69 -1.82	34.10 1.45 -4.20	32.13 1.51 -0.73	33.58 1.45 0.00	31.16 1.31 0.00	34.06 1.25 0.00
NEWKRMKL_115KV_TB1 55635	45.08 1.19 0.00	42.76 1.06 0.00	41.66 1.06 0.00	40.89 0.99 0.00	41.08 1.04 0.00	37.79 1.08 0.00	41.89 1.16 0.00	40.16 1.16 0.00	38.71 1.15 0.00	38.15 1.09 0.00	43.16 1.18 0.00	40.28 1.10 0.00	40.55 1.11 0.00	35.48 0.96 0.00	34.02 0.95 0.00	35.18 0.96 0.00	37.73 1.07 -0.57	34.17 0.96 -0.94	36.66 1.01 -2.44	34.93 0.85 -5.63	31.80 0.93 -0.98	33.02 0.89 0.00	30.74 0.89 0.00	33.78 0.98 0.00
NEWTON___FALLS_HYD 23847	44.40 0.51 0.00	42.51 0.81 0.00	41.17 0.56 0.00	40.37 0.48 0.00	40.35 0.31 0.00	36.60 -0.11 0.00	40.43 -0.30 0.00	38.54 -0.46 0.00	37.05 -0.51 0.00	36.92 -0.13 0.00	42.10 0.12 0.00	39.17 -0.01 0.00	39.41 -0.03 0.00	34.53 0.02 0.00	33.06 -0.01 0.00	34.17 -0.06 0.00	35.42 -0.68 -0.01	31.38 -0.91 -0.02	32.32 -0.95 -0.06	27.17 -1.42 -0.14	28.78 -1.14 -0.02	31.71 -0.42 0.00	29.25 -0.59 0.00	32.19 -0.61 0.00
NGRID_A1_DSASP 323792	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
NGRID_A2_DSASP 323793	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
NGRID_A4_DSASP 323807	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
NIAGARA_115E_LBMP 323715	42.56 -1.33 0.00	41.05 -0.65 0.00	39.77 -0.84 0.00	39.22 -0.67 0.00	39.16 -0.88 0.00	34.96 -1.76 0.00	38.46 -2.28 0.00	36.19 -2.81 0.00	34.53 -3.03 0.00	34.20 -2.85 0.00	38.59 -3.39 0.00	36.06 -3.12 0.00	36.12 -3.33 0.00	31.49 -3.03 0.00	30.01 -3.05 0.00	30.98 -3.24 0.00	33.03 -3.13 -0.07	29.55 -2.83 -0.11	30.39 -3.12 -0.30	26.62 -2.54 -0.71	27.61 -2.40 -0.12	29.62 -2.51 0.00	27.70 -2.15 0.00	31.07 -1.73 0.00
NIAGARA_115W_LBMP 323714	42.67 -1.22 0.00	41.11 -0.59 0.00	39.84 -0.77 0.00	39.31 -0.59 0.00	39.25 -0.79 0.00	35.13 -1.58 0.00	38.54 -2.19 0.00	36.21 -2.79 0.00	34.53 -3.03 0.00	34.22 -2.84 0.00	38.62 -3.36 0.00	35.90 -3.28 0.00	35.92 -3.52 0.00	31.31 -3.21 0.00	29.86 -3.21 0.00	30.82 -3.40 0.00	32.85 -3.31 -0.07	29.48 -2.91 -0.11	30.38 -3.12 -0.29	26.57 -2.59 -0.71	27.60 -2.41 -0.12	29.57 -2.56 0.00	27.70 -2.15 0.00	30.92 -1.88 0.00
NIAGARA_230_LBMP 323716	42.72 -1.16 0.00	41.12 -0.58 0.00	39.87 -0.74 0.00	39.35 -0.55 0.00	39.30 -0.74 0.00	35.20 -1.52 0.00	38.82 -1.91 0.00	36.52 -2.48 0.00	34.84 -2.71 0.00	34.52 -2.53 0.00	38.97 -3.01 0.00	36.40 -2.78 0.00	36.45 -2.99 0.00	31.81 -2.71 0.00	30.34 -2.73 0.00	31.33 -2.90 0.00	33.32 -2.84 -0.07	29.81 -2.57 -0.11	30.69 -2.81 -0.29	26.87 -2.28 -0.70	27.84 -2.17 -0.12	29.85 -2.28 0.00	27.93 -1.92 0.00	31.18 -1.62 0.00
NIAGARA___115KV_198_GIBSON 55903	42.66 -1.22 0.00	41.15 -0.55 0.00	39.83 -0.78 0.00	39.30 -0.60 0.00	39.26 -0.78 0.00	35.08 -1.63 0.00	38.55 -2.19 0.00	36.20 -2.80 0.00	34.53 -3.03 0.00	34.21 -2.84 0.00	38.62 -3.36 0.00	35.90 -3.28 0.00	35.92 -3.52 0.00	31.31 -3.21 0.00	29.86 -3.20 0.00	30.82 -3.40 0.00	32.85 -3.31 -0.07	29.48 -2.90 -0.11	30.39 -3.12 -0.29	26.59 -2.57 -0.71	27.59 -2.42 -0.12	29.58 -2.55 0.00	27.69 -2.15 0.00	30.92 -1.88 0.00
NIAGARA____ 23760	42.72 -1.16 0.00	41.12 -0.58 0.00	39.87 -0.74 0.00	39.35 -0.55 0.00	39.30 -0.74 0.00	35.20 -1.52 0.00	38.82 -1.91 0.00	36.52 -2.48 0.00	34.84 -2.71 0.00	34.52 -2.53 0.00	38.97 -3.01 0.00	36.40 -2.78 0.00	36.45 -2.99 0.00	31.81 -2.71 0.00	30.34 -2.73 0.00	31.33 -2.90 0.00	33.32 -2.84 -0.07	29.81 -2.57 -0.11	30.69 -2.81 -0.29	26.88 -2.28 -0.70	27.84 -2.17 -0.12	29.85 -2.28 0.00	27.93 -1.92 0.00	31.18 -1.62 0.00
NINE_MILE_1 23575	42.28 -1.61 0.00	40.23 -1.47 0.00	39.18 -1.43 0.00	38.53 -1.37 0.00	38.64 -1.40 0.00	35.41 -1.30 0.00	39.24 -1.50 0.00	37.51 -1.49 0.00	36.12 -1.44 0.00	35.66 -1.40 0.00	40.34 -1.64 0.00	37.68 -1.50 0.00	37.95 -1.50 0.00	33.27 -1.25 0.00	31.86 -1.21 0.00	32.98 -1.24 0.00	34.77 -1.35 -0.03	31.11 -1.22 -0.05	32.06 -1.29 -0.14	27.72 -1.04 -0.31	28.92 -1.03 -0.05	31.16 -0.96 0.00	28.97 -0.88 0.00	31.84 -0.96 0.00
NINE_MILE_2 23744	42.28 -1.61 0.00	40.23 -1.47 0.00	39.18 -1.43 0.00	38.53 -1.37 0.00	38.64 -1.40 0.00	35.41 -1.30 0.00	39.24 -1.50 0.00	37.51 -1.49 0.00	36.13 -1.43 0.00	35.66 -1.40 0.00	40.34 -1.64 0.00	37.68 -1.50 0.00	37.95 -1.50 0.00	33.28 -1.24 0.00	31.86 -1.21 0.00	32.99 -1.23 0.00	34.78 -1.35 -0.03	31.11 -1.21 -0.05	32.06 -1.29 -0.14	27.72 -1.04 -0.31	28.92 -1.02 -0.05	31.16 -0.96 0.00	28.98 -0.87 0.00	31.84 -0.96 0.00
NM_CAPITAL___DRP 24208	45.11 1.22 0.00	42.79 1.09 0.00	41.69 1.08 0.00	40.92 1.02 0.00	41.11 1.07 0.00	37.80 1.08 0.00	41.91 1.18 0.00	40.15 1.16 0.00	38.70 1.14 0.00	38.14 1.09 0.00	43.17 1.19 0.00	40.29 1.11 0.00	40.56 1.12 0.00	35.47 0.95 0.00	34.02 0.95 0.00	35.18 0.96 0.00	37.73 1.07 -0.57	34.17 0.96 -0.94	36.67 1.01 -2.45	34.94 0.85 -5.64	31.80 0.93 -0.98	33.04 0.91 0.00	30.76 0.91 0.00	33.79 0.99 0.00
NM_CENTRAL___DRP 24181	43.06 -0.83 0.00	40.96 -0.74 0.00	39.87 -0.75 0.00	39.20 -0.69 0.00	39.33 -0.70 0.00	36.03 -0.68 0.00	39.99 -0.75 0.00	38.24 -0.75 0.00	36.86 -0.70 0.00	36.36 -0.70 0.00	41.13 -0.86 0.00	38.43 -0.75 0.00	38.71 -0.73 0.00	33.93 -0.59 0.00	32.47 -0.59 0.00	33.64 -0.58 0.00	35.47 -0.66 -0.04	31.74 -0.60 -0.07	32.75 -0.65 -0.19	28.37 -0.51 -0.43	29.50 -0.47 -0.08	31.72 -0.41 0.00	29.48 -0.37 0.00	32.38 -0.42 0.00



NM_FRONTIER___DRP 24179	42.66 -1.22 0.00	41.15 -0.55 0.00	39.83 -0.78 0.00	39.30 -0.60 0.00	39.26 -0.78 0.00	35.08 -1.63 0.00	38.55 -2.19 0.00	36.20 -2.80 0.00	34.53 -3.03 0.00	34.21 -2.84 0.00	38.62 -3.36 0.00	35.90 -3.28 0.00	35.92 -3.52 0.00	31.31 -3.21 0.00	29.86 -3.20 0.00	30.82 -3.40 0.00	32.85 -3.31 -0.07	29.48 -2.90 -0.11	30.39 -3.12 -0.29	26.59 -2.57 -0.71	27.59 -2.42 -0.12	29.58 -2.55 0.00	27.69 -2.15 0.00	30.92 -1.88 0.00
NM_ST_REGIS___HYD 24053	45.16 1.27 0.00	43.58 1.89 0.00	42.19 1.59 0.00	41.42 1.52 0.00	41.34 1.31 0.00	37.20 0.49 0.00	41.16 0.42 0.00	39.19 0.20 0.00	37.39 -0.16 0.00	37.34 0.29 0.00	42.43 0.45 0.00	39.25 0.07 0.00	39.48 0.03 0.00	34.50 -0.01 0.00	33.05 -0.03 0.00	34.15 -0.08 0.00	35.63 -0.47 -0.01	32.09 -0.19 -0.01	32.98 -0.26 -0.04	27.35 -1.18 -0.08	28.92 -0.98 -0.01	31.72 -0.41 0.00	29.43 -0.42 0.00	32.65 -0.14 0.00
NORTHPORT___1 23551	45.99 2.10 0.00	43.18 1.48 0.00	41.82 1.21 0.00	41.09 1.20 0.00	41.37 1.33 0.00	38.50 1.78 0.00	42.47 1.73 0.00	40.61 1.61 0.00	38.31 1.54 0.79	31.74 1.60 6.91	57.92 2.58 -13.36	41.98 2.79 0.00	42.29 2.84 -0.01	36.57 2.05 0.00	34.66 1.59 0.00	29.81 1.42 5.84	36.29 1.51 1.31	33.40 1.61 0.47	35.23 1.70 -0.32	34.73 1.66 -4.62	32.55 1.85 -0.80	34.14 2.01 0.00	31.77 1.92 0.00	34.86 2.06 0.00
NORTHPORT___2 23552	45.99 2.10 0.00	43.18 1.48 0.00	41.82 1.21 0.00	41.09 1.20 0.00	41.37 1.33 0.00	38.50 1.78 0.00	42.47 1.73 0.00	40.61 1.61 0.00	38.31 1.54 0.79	31.74 1.60 6.91	57.92 2.58 -13.36	41.98 2.79 0.00	42.29 2.84 -0.01	36.57 2.05 0.00	34.66 1.59 0.00	29.81 1.42 5.84	36.29 1.51 1.31	33.40 1.61 0.47	35.23 1.70 -0.32	34.73 1.66 -4.62	32.55 1.85 -0.80	34.14 2.01 0.00	31.77 1.92 0.00	34.86 2.06 0.00
NORTHPORT___3 23553	45.99 2.10 0.00	43.19 1.49 0.00	41.83 1.22 0.00	41.12 1.22 0.00	41.38 1.34 0.00	38.49 1.78 0.00	42.47 1.74 0.00	40.61 1.61 0.00	38.64 1.54 0.46	34.59 1.59 4.06	58.00 2.59 -13.43	41.99 2.81 0.00	42.30 2.85 -0.01	36.56 2.04 0.00	34.66 1.59 0.00	32.21 1.42 3.43	37.02 1.51 0.58	33.91 1.61 -0.04	35.93 1.70 -1.02	34.71 1.64 -4.62	32.54 1.84 -0.80	34.14 2.01 0.00	31.77 1.93 0.00	34.85 2.05 0.00
NORTHPORT___4 23650	45.99 2.10 0.00	43.19 1.49 0.00	41.83 1.22 0.00	41.12 1.22 0.00	41.38 1.34 0.00	38.49 1.78 0.00	42.47 1.74 0.00	40.61 1.61 0.00	38.64 1.54 0.46	34.59 1.59 4.06	58.00 2.59 -13.43	41.99 2.81 0.00	42.30 2.85 -0.01	36.56 2.04 0.00	34.66 1.59 0.00	32.21 1.42 3.43	37.02 1.51 0.58	33.91 1.61 -0.04	35.93 1.70 -1.02	34.71 1.64 -4.62	32.54 1.84 -0.80	34.14 2.01 0.00	31.77 1.93 0.00	34.85 2.05 0.00
NORTHPORT___IC 23718	45.99 2.10 0.00	43.16 1.47 0.00	41.83 1.22 0.00	41.09 1.20 0.00	41.36 1.33 0.00	38.51 1.79 0.00	42.47 1.73 0.00	40.60 1.60 0.00	38.31 1.54 0.79	31.74 1.60 6.91	57.92 2.58 -13.36	41.98 2.80 0.00	42.29 2.84 -0.01	36.57 2.05 0.00	34.66 1.59 0.00	29.81 1.42 5.84	36.29 1.51 1.31	33.40 1.61 0.47	35.23 1.70 -0.32	34.73 1.66 -4.62	32.54 1.85 -0.80	34.14 2.01 0.00	31.77 1.93 0.00	34.86 2.06 0.00
NORTH___COUNTRY_ESR 323785	45.03 1.14 0.00	43.39 1.70 0.00	42.05 1.44 0.00	41.31 1.41 0.00	41.36 1.33 0.00	37.44 0.72 0.00	41.53 0.79 0.00	39.54 0.54 0.00	37.58 0.02 0.00	37.30 0.24 0.00	42.37 0.40 0.00	39.21 0.04 0.00	39.49 0.05 0.00	34.41 -0.11 0.00	32.96 -0.11 0.00	34.10 -0.12 0.00	35.90 -0.19 0.00	32.40 0.14 0.00	33.31 0.10 0.00	27.29 -1.16 0.00	28.76 -1.13 0.00	31.39 -0.74 0.00	29.06 -0.79 0.00	32.26 -0.54 0.00
NPX_GEN_1385_PROXY 323591	46.76 2.87 0.00	43.60 1.91 0.00	42.14 1.53 0.00	41.43 1.53 0.00	42.01 1.97 0.00	77.92 2.63 -38.58	43.30 2.57 0.00	47.28 2.51 -5.77	60.02 2.40 -20.06	56.26 2.43 -16.77	58.43 3.08 -13.36	42.17 2.98 0.00	42.90 3.45 -0.01	51.20 2.84 -13.84	61.20 2.34 -25.80	66.37 2.20 -29.94	37.11 2.33 1.31	42.56 2.33 -7.96	65.67 2.46 -30.00	74.56 2.30 -43.81	47.39 2.53 -14.97	34.77 2.64 0.00	32.29 2.45 0.00	44.34 2.81 -8.73
NPX_GEN_CSC 323557	46.15 2.26 0.00	43.28 1.58 0.00	41.88 1.27 0.00	41.22 1.32 0.00	41.41 1.37 0.00	38.68 1.97 0.00	42.63 1.89 0.00	40.93 1.93 0.00	39.62 1.91 -0.15	40.41 2.01 -1.35	58.43 2.94 -13.51	42.37 3.19 0.00	42.66 3.21 -0.01	36.98 2.46 0.00	35.09 2.03 0.00	37.21 1.85 -1.13	38.75 1.85 -0.81	35.30 2.02 -1.02	37.69 2.14 -2.34	35.14 2.07 -4.62	32.98 2.28 -0.80	34.66 2.54 0.00	32.20 2.35 0.00	35.28 2.48 0.00
NSINS_S_GLNS_FALLS 23858	46.31 2.43 0.00	43.83 2.13 0.00	42.62 2.02 0.00	41.89 1.99 0.00	42.09 2.05 0.00	38.71 2.00 0.00	43.09 2.36 0.00	41.35 2.35 0.00	39.88 2.33 0.00	39.27 2.21 0.00	44.49 2.51 0.00	41.46 2.29 0.00	41.71 2.26 0.00	36.38 1.86 0.00	34.92 1.86 0.00	36.23 2.00 0.00	38.88 2.21 -0.59	35.27 2.02 -0.98	37.82 2.08 -2.54	35.95 1.66 -5.84	32.61 1.71 -1.02	33.77 1.64 0.00	31.31 1.47 0.00	34.39 1.59 0.00
NUCOR_STEEL___DRP 24197	43.67 -0.22 0.00	41.58 -0.11 0.00	40.27 -0.33 0.00	39.77 -0.13 0.00	39.91 -0.13 0.00	36.38 -0.33 0.00	40.38 -0.35 0.00	38.59 -0.41 0.00	37.13 -0.43 0.00	36.59 -0.47 0.00	41.42 -0.56 0.00	38.65 -0.53 0.00	38.97 -0.47 0.00	34.13 -0.39 0.00	32.60 -0.47 0.00	33.86 -0.36 0.00	35.78 -0.37 -0.06	32.06 -0.31 -0.10	33.21 -0.25 -0.25	28.85 -0.18 -0.58	29.91 -0.08 -0.10	32.13 0.00 0.00	29.74 -0.11 0.00	32.76 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	44.22 0.34 0.00	41.97 0.27 0.00	40.67 0.06 0.00	39.86 -0.04 0.00	40.05 0.01 0.00	36.77 0.06 0.00	40.69 -0.04 0.00	38.84 -0.16 0.00	37.59 0.03 0.00	37.30 0.25 0.00	42.37 0.39 0.00	39.67 0.49 0.00	39.95 0.51 0.00	35.14 0.63 0.00	33.68 0.61 0.00	34.84 0.62 0.00	36.12 0.02 -0.02	31.47 -0.83 -0.03	32.54 -0.74 -0.08	27.55 -1.08 -0.17	29.10 -0.82 -0.03	32.06 -0.07 0.00	29.27 -0.57 0.00	31.96 -0.84 0.00
NYISO_LBMP_REFERENCE 24008	43.89 0.00 0.00	41.70 0.00 0.00	40.61 0.00 0.00	39.90 0.00 0.00	40.04 0.00 0.00	36.72 0.00 0.00	40.74 0.00 0.00	39.00 0.00 0.00	37.56 0.00 0.00	37.06 0.00 0.00	41.98 0.00 0.00	39.18 0.00 0.00	39.44 0.00 0.00	34.52 0.00 0.00	33.07 0.00 0.00	34.22 0.00 0.00	36.09 0.00 0.00	32.27 0.00 0.00	33.21 0.00 0.00	28.45 0.00 0.00	29.89 0.00 0.00	32.13 0.00 0.00	29.85 0.00 0.00	32.80 0.00 0.00
NYPA_BRENTWD____GT 24164	46.55 2.66 0.00	43.72 2.02 0.00	42.31 1.71 0.00	41.59 1.69 0.00	41.87 1.83 0.00	38.93 2.22 0.00	43.02 2.29 0.00	41.22 2.22 0.00	39.88 2.19 -0.13	40.54 2.32 -1.16	59.20 3.23 -13.98	42.58 3.40 0.00	42.88 3.44 -0.01	37.14 2.62 0.00	35.22 2.15 0.00	37.32 2.12 -0.98	39.12 2.27 -0.76	35.52 2.27 -0.99	37.88 2.37 -2.29	35.24 2.16 -4.62	33.07 2.37 -0.80	34.66 2.53 0.00	32.20 2.36 0.00	35.29 2.49 0.00



NYPA_GOWANUS____GT5 24156	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NYPA_GOWANUS____GT6 24157	45.97 2.08 0.00	43.43 1.74 0.00	42.23 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.55 1.84 0.00	42.89 2.15 0.00	41.45 2.35 -0.10	41.38 2.54 -1.28	39.30 2.25 0.00	44.61 2.63 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.09 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00
NYPA_HARLEM__RVR__GT1 24160	45.88 1.99 0.00	43.23 1.53 0.00	41.97 1.36 0.00	41.23 1.34 0.00	41.41 1.37 0.00	38.37 1.65 0.00	42.68 1.95 0.00	41.41 2.31 -0.10	41.15 2.32 -1.28	39.20 2.15 0.00	44.42 2.44 0.00	41.46 2.28 0.00	41.84 2.40 0.00	36.46 1.94 0.00	34.91 1.84 0.00	36.05 1.82 0.00	38.55 1.99 -0.46	34.97 1.92 -0.78	37.20 1.99 -2.01	34.83 1.76 -4.62	32.60 1.90 -0.80	34.01 1.88 0.00	31.55 1.70 0.00	34.48 1.68 0.00
NYPA_HARLEM__RVR__GT2 24161	45.88 1.99 0.00	43.23 1.53 0.00	41.97 1.36 0.00	41.23 1.34 0.00	41.41 1.37 0.00	38.37 1.65 0.00	42.68 1.95 0.00	41.41 2.31 -0.10	41.15 2.32 -1.28	39.20 2.15 0.00	44.42 2.44 0.00	41.46 2.28 0.00	41.84 2.40 0.00	36.46 1.94 0.00	34.91 1.84 0.00	36.05 1.82 0.00	38.55 1.99 -0.46	34.97 1.92 -0.78	37.20 1.99 -2.01	34.83 1.76 -4.62	32.60 1.90 -0.80	34.01 1.88 0.00	31.55 1.70 0.00	34.48 1.68 0.00
NYPA_KENT____GT 24152	46.01 2.12 0.00	43.45 1.75 0.00	42.24 1.63 0.00	41.47 1.57 0.00	41.65 1.61 0.00	38.54 1.83 0.00	42.91 2.17 0.00	41.48 2.38 -0.10	41.35 2.51 -1.28	39.33 2.28 0.00	44.64 2.66 0.00	41.70 2.52 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.09 2.03 0.00	36.24 2.01 0.00	38.80 2.25 -0.47	35.16 2.12 -0.78	37.42 2.20 -2.01	34.99 1.92 -4.62	32.74 2.05 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.69 1.89 0.00
NYPA_POUCH1____GT 24155	45.86 1.98 0.00	43.46 1.76 0.00	42.33 1.73 0.00	41.56 1.66 0.00	41.74 1.70 0.00	38.64 1.93 0.00	42.87 2.13 0.00	41.33 2.23 -0.10	41.31 2.48 -1.28	39.18 2.12 0.00	44.47 2.49 0.00	41.51 2.33 0.00	41.85 2.40 0.00	36.48 1.96 0.00	34.95 1.88 0.00	36.09 1.87 0.00	38.67 2.11 -0.47	35.04 2.00 -0.78	37.29 2.08 -2.01	34.90 1.82 -4.62	32.64 1.95 -0.80	34.02 1.90 0.00	31.58 1.73 0.00	34.70 1.90 0.00
NYPA_VERNON____GT2 24162	46.04 2.16 0.00	43.46 1.77 0.00	42.23 1.62 0.00	41.47 1.57 0.00	41.64 1.61 0.00	38.54 1.83 0.00	42.92 2.19 0.00	41.51 2.41 -0.10	41.31 2.48 -1.28	39.37 2.31 0.00	44.68 2.70 0.00	41.74 2.56 0.00	42.07 2.62 0.00	36.69 2.17 0.00	35.12 2.05 0.00	36.27 2.05 0.00	38.82 2.27 -0.47	35.18 2.14 -0.78	37.43 2.22 -2.01	35.00 1.93 -4.62	32.76 2.07 -0.80	34.18 2.05 0.00	31.71 1.87 0.00	34.69 1.89 0.00
NYPA_VERNON____GT3 24163	46.04 2.16 0.00	43.46 1.77 0.00	42.23 1.62 0.00	41.47 1.57 0.00	41.64 1.61 0.00	38.54 1.83 0.00	42.92 2.19 0.00	41.51 2.41 -0.10	41.31 2.48 -1.28	39.37 2.31 0.00	44.68 2.70 0.00	41.74 2.56 0.00	42.07 2.62 0.00	36.69 2.17 0.00	35.12 2.05 0.00	36.27 2.05 0.00	38.82 2.27 -0.47	35.18 2.14 -0.78	37.43 2.22 -2.01	35.00 1.93 -4.62	32.76 2.07 -0.80	34.18 2.05 0.00	31.71 1.87 0.00	34.69 1.89 0.00
NYPA____ASTORIA_CC1 323568	46.01 2.13 0.00	43.43 1.73 0.00	42.20 1.59 0.00	41.44 1.54 0.00	41.60 1.57 0.00	38.51 1.79 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.27 2.44 -1.28	39.33 2.27 0.00	44.64 2.66 0.00	41.69 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.09 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.39 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.66 1.86 0.00
NYPA____ASTORIA_CC2 323569	46.01 2.13 0.00	43.43 1.73 0.00	42.20 1.59 0.00	41.44 1.54 0.00	41.60 1.57 0.00	38.51 1.79 0.00	42.89 2.15 0.00	41.48 2.38 -0.10	41.27 2.44 -1.28	39.33 2.27 0.00	44.64 2.66 0.00	41.69 2.51 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.09 2.02 0.00	36.23 2.00 0.00	38.78 2.22 -0.47	35.15 2.11 -0.78	37.39 2.18 -2.01	34.97 1.90 -4.62	32.74 2.04 -0.80	34.15 2.02 0.00	31.69 1.84 0.00	34.66 1.86 0.00
NYPA____HOLTSVILL 23794	46.05 2.17 0.00	43.22 1.52 0.00	41.84 1.23 0.00	41.16 1.26 0.00	41.39 1.35 0.00	38.55 1.84 0.00	42.48 1.74 0.00	40.72 1.72 0.00	39.41 1.70 -0.16	40.23 1.76 -1.42	58.17 2.71 -13.48	42.10 2.92 0.00	42.40 2.95 -0.01	36.74 2.22 0.00	34.83 1.77 0.00	37.00 1.58 -1.19	38.49 1.57 -0.83	35.01 1.71 -1.03	37.39 1.83 -2.35	34.89 1.82 -4.62	32.72 2.03 -0.80	34.41 2.28 0.00	31.99 2.14 0.00	35.05 2.25 0.00
NYPA____HELLGATE_GT1 24158	45.88 1.99 0.00	43.23 1.53 0.00	41.97 1.36 0.00	41.23 1.34 0.00	41.41 1.37 0.00	38.37 1.65 0.00	42.68 1.95 0.00	41.41 2.31 -0.10	41.15 2.32 -1.28	39.20 2.15 0.00	44.42 2.44 0.00	41.46 2.28 0.00	41.84 2.40 0.00	36.46 1.94 0.00	34.91 1.84 0.00	36.05 1.82 0.00	38.55 1.99 -0.46	34.97 1.92 -0.78	37.20 1.99 -2.01	34.83 1.76 -4.62	32.60 1.90 -0.80	34.01 1.88 0.00	31.55 1.70 0.00	34.48 1.68 0.00
NYPA____HELLGATE_GT2 24159	45.88 1.99 0.00	43.23 1.53 0.00	41.97 1.36 0.00	41.23 1.34 0.00	41.41 1.37 0.00	38.37 1.65 0.00	42.68 1.95 0.00	41.41 2.31 -0.10	41.15 2.32 -1.28	39.20 2.15 0.00	44.42 2.44 0.00	41.46 2.28 0.00	41.84 2.40 0.00	36.46 1.94 0.00	34.91 1.84 0.00	36.05 1.82 0.00	38.55 1.99 -0.46	34.97 1.92 -0.78	37.20 1.99 -2.01	34.83 1.76 -4.62	32.60 1.90 -0.80	34.01 1.88 0.00	31.55 1.70 0.00	34.48 1.68 0.00
NYS_BARGE____HYD 23848	43.12 -0.77 0.00	41.52 -0.18 0.00	40.23 -0.38 0.00	39.68 -0.21 0.00	39.64 -0.40 0.00	35.45 -1.26 0.00	39.08 -1.65 0.00	36.82 -2.18 0.00	35.15 -2.41 0.00	34.80 -2.25 0.00	39.27 -2.72 0.00	36.70 -2.48 0.00	36.71 -2.73 0.00	32.03 -2.49 0.00	30.54 -2.52 0.00	31.54 -2.68 0.00	33.61 -2.55 -0.07	30.09 -2.29 -0.11	30.94 -2.56 -0.29	27.07 -2.07 -0.69	28.09 -1.93 -0.12	30.11 -2.02 0.00	28.14 -1.71 0.00	31.48 -1.32 0.00
OAK ORCHARD____HYD 24046	43.53 -0.36 0.00	41.63 -0.06 0.00	40.41 -0.19 0.00	39.81 -0.08 0.00	39.88 -0.16 0.00	36.16 -0.56 0.00	40.08 -0.66 0.00	38.05 -0.95 0.00	36.46 -1.10 0.00	36.07 -0.99 0.00	40.74 -1.24 0.00	38.12 -1.06 0.00	38.22 -1.22 0.00	33.46 -1.06 0.00	32.03 -1.04 0.00	33.13 -1.09 0.00	35.13 -1.01 -0.06	31.45 -0.91 -0.09	32.40 -1.05 -0.24	28.18 -0.82 -0.55	29.22 -0.76 -0.09	31.34 -0.79 0.00	29.20 -0.65 0.00	32.28 -0.51 0.00



OAKDALE___35_KV_LOAD 356122	43.50 -0.39 0.00	41.38 -0.32 0.00	40.27 -0.33 0.00	39.62 -0.27 0.00	39.73 -0.30 0.00	36.28 -0.43 0.00	40.37 -0.37 0.00	38.56 -0.44 0.00	37.06 -0.50 0.00	36.60 -0.45 0.00	41.44 -0.54 0.00	38.67 -0.51 0.00	38.91 -0.53 0.00	34.08 -0.44 0.00	32.56 -0.51 0.00	33.76 -0.46 0.00	35.67 -0.57 -0.15	32.02 -0.51 -0.26	33.36 -0.52 -0.67	29.56 -0.43 -1.53	29.82 -0.34 -0.27	31.73 -0.39 0.00	29.53 -0.31 0.00	32.50 -0.30 0.00
OCC_CHEM___DRP 24175	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
OH_GEN_PROXY 24063	42.71 -1.17 0.00	41.09 -0.61 0.00	39.84 -0.77 0.00	39.31 -0.59 0.00	39.28 -0.76 0.00	35.22 -1.50 0.00	38.88 -1.85 0.00	36.60 -2.40 0.00	34.91 -2.64 0.00	34.59 -2.46 0.00	39.07 -2.91 0.00	36.50 -2.68 0.00	36.57 -2.88 0.00	31.91 -2.61 0.00	30.43 -2.63 0.00	31.43 -2.80 0.00	33.40 -2.76 -0.07	29.88 -2.50 -0.11	30.78 -2.72 -0.29	26.94 -2.21 -0.70	27.91 -2.11 -0.12	29.91 -2.22 0.00	27.98 -1.87 0.00	31.21 -1.59 0.00
OLIN_CORP_DRP 24177	42.61 -1.28 0.00	41.13 -0.56 0.00	39.81 -0.80 0.00	39.26 -0.64 0.00	39.22 -0.82 0.00	34.97 -1.75 0.00	38.54 -2.20 0.00	36.27 -2.73 0.00	34.60 -2.96 0.00	34.27 -2.78 0.00	38.68 -3.30 0.00	36.14 -3.04 0.00	36.20 -3.24 0.00	31.56 -2.96 0.00	30.08 -2.99 0.00	31.06 -3.16 0.00	33.11 -3.05 -0.07	29.62 -2.76 -0.11	30.47 -3.04 -0.30	26.69 -2.48 -0.72	27.67 -2.35 -0.13	29.68 -2.45 0.00	27.75 -2.10 0.00	31.10 -1.70 0.00
OLIN_CORP_DSASP 323712	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
ONEIDA_HERK_LFGE 323681	44.64 0.75 0.00	42.41 0.71 0.00	41.20 0.59 0.00	40.45 0.55 0.00	40.62 0.58 0.00	37.30 0.59 0.00	41.39 0.66 0.00	39.61 0.61 0.00	38.23 0.67 0.00	37.78 0.72 0.00	42.84 0.86 0.00	40.04 0.86 0.00	40.31 0.87 0.00	35.39 0.87 0.00	33.91 0.84 0.00	35.05 0.83 0.00	36.70 0.60 -0.02	32.49 0.19 -0.03	33.55 0.27 -0.06	28.63 0.03 -0.15	30.08 0.16 -0.03	32.60 0.47 0.00	30.04 0.19 0.00	32.88 0.08 0.00
ONEIDA___115KV_TB4 55905	44.79 0.90 0.00	42.65 0.95 0.00	41.50 0.90 0.00	40.78 0.88 0.00	40.95 0.91 0.00	37.60 0.89 0.00	41.82 1.09 0.00	40.05 1.05 0.00	38.59 1.04 0.00	38.04 0.99 0.00	43.06 1.08 0.00	40.26 1.08 0.00	40.53 1.09 0.00	35.59 1.07 0.00	34.08 1.01 0.00	35.25 1.03 0.00	37.11 0.99 -0.03	32.98 0.66 -0.05	34.00 0.67 -0.12	29.26 0.53 -0.28	30.57 0.63 -0.05	32.85 0.72 0.00	30.40 0.55 0.00	33.30 0.50 0.00
ONONDAGA_REF_OCCRA 23987	43.26 -0.62 0.00	41.16 -0.54 0.00	40.04 -0.57 0.00	39.39 -0.51 0.00	39.49 -0.54 0.00	36.20 -0.52 0.00	40.19 -0.55 0.00	38.44 -0.56 0.00	37.02 -0.54 0.00	36.50 -0.55 0.00	41.31 -0.67 0.00	38.59 -0.58 0.00	38.90 -0.54 0.00	34.09 -0.43 0.00	32.62 -0.45 0.00	33.80 -0.42 0.00	35.67 -0.47 -0.05	31.93 -0.43 -0.09	32.98 -0.46 -0.23	28.64 -0.35 -0.54	29.68 -0.30 -0.09	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
ONONDAGA___COGEN 23986	43.25 -0.64 0.00	41.14 -0.56 0.00	40.01 -0.59 0.00	39.37 -0.53 0.00	39.49 -0.54 0.00	36.17 -0.54 0.00	40.15 -0.58 0.00	38.39 -0.61 0.00	36.96 -0.60 0.00	36.45 -0.60 0.00	41.29 -0.68 0.00	38.56 -0.62 0.00	38.85 -0.60 0.00	34.04 -0.48 0.00	32.55 -0.51 0.00	33.76 -0.46 0.00	35.63 -0.51 -0.05	31.89 -0.46 -0.08	32.94 -0.49 -0.21	28.58 -0.36 -0.49	29.66 -0.31 -0.08	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
ONTARIO___LFGE 23819	43.60 -0.29 0.00	41.58 -0.12 0.00	40.38 -0.23 0.00	39.77 -0.13 0.00	39.88 -0.16 0.00	36.36 -0.35 0.00	40.37 -0.36 0.00	38.48 -0.52 0.00	36.93 -0.62 0.00	36.46 -0.59 0.00	41.21 -0.77 0.00	38.52 -0.66 0.00	38.77 -0.67 0.00	33.92 -0.60 0.00	32.44 -0.62 0.00	33.67 -0.56 0.00	35.64 -0.50 -0.05	31.93 -0.43 -0.09	32.94 -0.50 -0.22	28.58 -0.38 -0.52	29.64 -0.34 -0.09	31.81 -0.32 0.00	29.56 -0.29 0.00	32.59 -0.21 0.00
ORANGEVILLE_WT_PWR 323706	42.62 -1.27 0.00	40.89 -0.81 0.00	39.78 -0.82 0.00	39.33 -0.57 0.00	39.33 -0.70 0.00	35.46 -1.25 0.00	39.40 -1.34 0.00	37.29 -1.70 0.00	35.57 -1.99 0.00	35.12 -1.94 0.00	39.52 -2.46 0.00	36.81 -2.37 0.00	36.73 -2.72 0.00	31.74 -2.78 0.00	30.14 -2.93 0.00	30.98 -3.24 0.00	32.91 -3.27 -0.09	29.43 -2.96 -0.12	30.35 -3.19 -0.33	26.71 -2.62 -0.89	27.50 -2.55 -0.15	29.38 -2.75 0.00	27.41 -2.44 0.00	30.52 -2.28 0.00
ORANGEVILLE___ESR 323794	42.62 -1.27 0.00	40.89 -0.81 0.00	39.78 -0.82 0.00	39.33 -0.57 0.00	39.33 -0.70 0.00	35.46 -1.25 0.00	39.40 -1.34 0.00	37.29 -1.70 0.00	35.57 -1.99 0.00	35.12 -1.94 0.00	39.52 -2.46 0.00	36.81 -2.37 0.00	36.73 -2.72 0.00	31.74 -2.78 0.00	30.14 -2.93 0.00	30.98 -3.24 0.00	32.91 -3.27 -0.09	29.43 -2.96 -0.12	30.35 -3.19 -0.33	26.71 -2.62 -0.89	27.50 -2.55 -0.15	29.38 -2.75 0.00	27.41 -2.44 0.00	30.52 -2.28 0.00
OSWEGATCHIE___HYD 24044	44.40 0.51 0.00	42.51 0.81 0.00	41.17 0.56 0.00	40.37 0.47 0.00	40.35 0.31 0.00	36.60 -0.11 0.00	40.43 -0.31 0.00	38.54 -0.46 0.00	37.05 -0.51 0.00	36.92 -0.13 0.00	42.10 0.12 0.00	39.17 -0.01 0.00	39.41 -0.03 0.00	34.53 0.02 0.00	33.06 -0.01 0.00	34.17 -0.06 0.00	35.42 -0.68 -0.01	31.38 -0.91 -0.02	32.33 -0.94 -0.06	27.17 -1.42 -0.14	28.78 -1.14 -0.02	31.71 -0.42 0.00	29.25 -0.59 0.00	32.19 -0.61 0.00
OSWEGO___5 23606	42.62 -1.27 0.00	40.54 -1.16 0.00	39.47 -1.14 0.00	38.82 -1.08 0.00	38.92 -1.11 0.00	35.66 -1.05 0.00	39.53 -1.21 0.00	37.80 -1.20 0.00	36.39 -1.17 0.00	35.92 -1.13 0.00	40.66 -1.32 0.00	37.96 -1.22 0.00	38.22 -1.22 0.00	33.51 -1.01 0.00	32.08 -0.99 0.00	33.22 -1.00 0.00	35.04 -1.09 -0.04	31.34 -0.99 -0.06	32.31 -1.05 -0.16	27.96 -0.84 -0.36	29.14 -0.82 -0.06	31.36 -0.77 0.00	29.15 -0.70 0.00	32.04 -0.76 0.00
OSWEGO___6 23613	42.62 -1.27 0.00	40.54 -1.16 0.00	39.47 -1.14 0.00	38.82 -1.08 0.00	38.92 -1.11 0.00	35.66 -1.05 0.00	39.53 -1.21 0.00	37.80 -1.20 0.00	36.39 -1.17 0.00	35.92 -1.13 0.00	40.66 -1.32 0.00	37.96 -1.22 0.00	38.22 -1.22 0.00	33.51 -1.01 0.00	32.08 -0.99 0.00	33.22 -1.00 0.00	35.04 -1.09 -0.04	31.34 -0.99 -0.06	32.31 -1.05 -0.16	27.96 -0.84 -0.36	29.14 -0.82 -0.06	31.36 -0.77 0.00	29.15 -0.70 0.00	32.04 -0.76 0.00



OUTOKUMPU-AB___DRP 24206	43.40 -0.49 0.00	41.79 0.09 0.00	40.42 -0.19 0.00	39.90 0.01 0.00	39.87 -0.17 0.00	35.66 -1.06 0.00	39.38 -1.35 0.00	37.08 -1.92 0.00	35.38 -2.17 0.00	35.06 -2.00 0.00	39.56 -2.42 0.00	36.90 -2.28 0.00	36.93 -2.51 0.00	32.20 -2.32 0.00	30.68 -2.39 0.00	31.70 -2.52 0.00	33.73 -2.44 -0.07	30.23 -2.15 -0.11	31.13 -2.38 -0.30	27.25 -1.93 -0.72	28.25 -1.77 -0.13	30.26 -1.87 0.00	28.27 -1.57 0.00	31.56 -1.24 0.00
OXBOW___BTM 323836	43.01 -0.87 0.00	41.42 -0.28 0.00	40.11 -0.49 0.00	39.60 -0.30 0.00	39.53 -0.51 0.00	35.41 -1.30 0.00	38.97 -1.77 0.00	36.64 -2.36 0.00	34.97 -2.59 0.00	34.65 -2.41 0.00	39.10 -2.88 0.00	36.42 -2.76 0.00	36.45 -3.00 0.00	31.77 -2.75 0.00	30.28 -2.79 0.00	31.27 -2.95 0.00	33.30 -2.86 -0.07	29.87 -2.52 -0.11	30.76 -2.74 -0.30	26.91 -2.25 -0.72	27.93 -2.08 -0.13	29.91 -2.21 0.00	27.99 -1.86 0.00	31.23 -1.57 0.00
OXBOW___ 24026	43.01 -0.87 0.00	41.46 -0.24 0.00	40.11 -0.49 0.00	39.59 -0.31 0.00	39.54 -0.49 0.00	35.36 -1.36 0.00	38.96 -1.77 0.00	36.64 -2.36 0.00	34.96 -2.60 0.00	34.65 -2.40 0.00	39.10 -2.88 0.00	36.42 -2.76 0.00	36.44 -3.00 0.00	31.77 -2.75 0.00	30.28 -2.79 0.00	31.28 -2.95 0.00	33.30 -2.86 -0.07	29.87 -2.51 -0.11	30.77 -2.74 -0.30	26.92 -2.25 -0.72	27.93 -2.09 -0.13	29.91 -2.21 0.00	27.98 -1.86 0.00	31.23 -1.57 0.00
OXY_CHEM_DSASP 323612	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
OZONE_PARK_ESR 323760	46.36 2.47 0.00	43.71 2.01 0.00	42.48 1.87 0.00	41.71 1.81 0.00	41.85 1.81 0.00	38.75 2.03 0.00	43.22 2.48 0.00	41.76 2.67 -0.10	41.52 2.66 -1.29	39.66 2.60 0.00	45.04 3.07 0.00	42.06 2.88 0.00	42.38 2.94 0.00	36.96 2.44 0.00	35.38 2.31 0.00	36.55 2.33 0.00	39.13 2.58 -0.47	35.47 2.43 -0.78	37.72 2.51 -2.01	35.24 2.17 -4.62	33.00 2.31 -0.80	34.42 2.29 0.00	31.95 2.10 0.00	34.91 2.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.73 -1.16 0.00	41.20 -0.50 0.00	39.88 -0.73 0.00	39.36 -0.54 0.00	39.31 -0.73 0.00	35.13 -1.59 0.00	38.62 -2.11 0.00	36.28 -2.72 0.00	34.60 -2.96 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.38 -3.13 0.00	29.94 -3.13 0.00	30.91 -3.31 0.00	32.93 -3.23 -0.07	29.54 -2.83 -0.11	30.45 -3.06 -0.29	26.64 -2.52 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.99 -1.81 0.00
PACKARD__115KV_DUPONT_184 80571	42.72 -1.16 0.00	41.16 -0.54 0.00	39.89 -0.72 0.00	39.37 -0.53 0.00	39.30 -0.74 0.00	35.19 -1.53 0.00	38.62 -2.12 0.00	36.27 -2.72 0.00	34.60 -2.95 0.00	34.29 -2.77 0.00	38.70 -3.28 0.00	35.99 -3.19 0.00	36.00 -3.44 0.00	31.39 -3.13 0.00	29.94 -3.13 0.00	30.90 -3.32 0.00	32.93 -3.24 -0.07	29.54 -2.84 -0.11	30.45 -3.06 -0.29	26.63 -2.53 -0.71	27.65 -2.37 -0.12	29.63 -2.50 0.00	27.75 -2.10 0.00	30.98 -1.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.85 1.97 0.00	43.26 1.56 0.00	42.08 1.47 0.00	41.34 1.44 0.00	41.46 1.42 0.00	38.40 1.69 0.00	42.72 1.98 0.00	41.36 2.27 -0.10	41.08 2.25 -1.28	39.16 2.10 0.00	44.43 2.45 0.00	41.49 2.31 0.00	41.87 2.42 0.00	36.49 1.97 0.00	34.94 1.88 0.00	36.09 1.86 0.00	38.62 2.06 -0.47	35.00 1.96 -0.78	37.24 2.02 -2.01	34.85 1.78 -4.62	32.60 1.90 -0.80	34.01 1.88 0.00	31.56 1.71 0.00	34.50 1.71 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.65 2.76 0.00	44.06 2.36 0.00	42.83 2.22 0.00	42.09 2.19 0.00	42.32 2.28 0.00	39.15 2.43 0.00	43.64 2.90 0.00	42.20 3.11 -0.10	41.82 2.99 -1.28	39.89 2.84 0.00	45.23 3.25 0.00	42.24 3.06 0.00	42.63 3.19 0.00	37.16 2.64 0.00	35.57 2.51 0.00	36.73 2.51 0.00	39.31 2.76 -0.47	35.64 2.60 -0.78	37.86 2.64 -2.01	35.36 2.28 -4.62	33.07 2.37 -0.80	34.58 2.45 0.00	32.09 2.25 0.00	35.08 2.28 0.00
PATROON__115KV_TB1 80586	45.20 1.31 0.00	42.88 1.18 0.00	41.77 1.16 0.00	40.99 1.10 0.00	41.19 1.15 0.00	37.89 1.18 0.00	42.02 1.28 0.00	40.27 1.28 0.00	38.82 1.26 0.00	38.26 1.21 0.00	43.29 1.31 0.00	40.40 1.23 0.00	40.68 1.24 0.00	35.60 1.08 0.00	34.12 1.06 0.00	35.29 1.07 0.00	37.84 1.19 -0.57	34.28 1.07 -0.94	36.77 1.11 -2.45	35.03 0.94 -5.64	31.88 1.01 -0.98	33.12 0.99 0.00	30.83 0.98 0.00	33.88 1.08 0.00
PATTRSNVILLE___SOLAR 323815	45.02 1.14 0.00	42.73 1.03 0.00	41.62 1.01 0.00	40.85 0.95 0.00	41.04 1.00 0.00	37.64 0.92 0.00	41.83 1.09 0.00	40.09 1.10 0.00	38.57 1.02 0.00	37.99 0.94 0.00	43.01 1.03 0.00	40.18 1.00 0.00	40.36 0.92 0.00	35.32 0.81 0.00	33.89 0.82 0.00	35.20 0.97 0.00	37.77 1.07 -0.61	34.25 0.96 -1.02	36.78 0.93 -2.64	35.32 0.78 -6.09	31.77 0.82 -1.06	32.98 0.85 0.00	30.64 0.79 0.00	33.60 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.48 -0.40 0.00	41.75 0.05 0.00	40.44 -0.17 0.00	39.91 0.01 0.00	39.90 -0.13 0.00	35.80 -0.91 0.00	39.74 -0.99 0.00	37.54 -1.46 0.00	35.83 -1.73 0.00	35.52 -1.53 0.00	40.15 -1.83 0.00	37.49 -1.69 0.00	37.52 -1.92 0.00	32.74 -1.79 0.00	31.21 -1.85 0.00	32.24 -1.98 0.00	34.16 -2.01 -0.08	30.61 -1.79 -0.13	31.52 -2.03 -0.33	27.60 -1.65 -0.80	28.56 -1.47 -0.14	30.57 -1.56 0.00	28.54 -1.30 0.00	31.83 -0.97 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.09 2.21 0.00	43.48 1.78 0.00	42.28 1.67 0.00	41.50 1.60 0.00	41.66 1.63 0.00	38.50 1.78 0.00	42.88 2.14 0.00	41.28 2.28 0.00	39.84 2.28 0.00	39.28 2.22 0.00	44.63 2.65 0.00	41.66 2.48 0.00	41.96 2.51 0.00	36.63 2.11 0.00	35.08 2.01 0.00	36.26 2.04 0.00	38.84 2.28 -0.47	35.21 2.16 -0.78	37.49 2.25 -2.03	35.05 1.93 -4.67	32.74 2.03 -0.81	34.16 2.03 0.00	31.72 1.87 0.00	34.70 1.90 0.00
PEEKSKILL___ 23653	45.67 1.78 0.00	43.08 1.38 0.00	41.86 1.26 0.00	41.11 1.21 0.00	41.29 1.25 0.00	38.16 1.45 0.00	42.50 1.76 0.00	40.90 1.90 0.00	39.47 1.91 0.00	38.89 1.84 0.00	44.17 2.19 0.00	41.24 2.06 0.00	41.55 2.10 0.00	36.24 1.72 0.00	34.71 1.64 0.00	35.87 1.65 0.00	38.41 1.86 -0.46	34.81 1.78 -0.77	37.06 1.86 -1.99	34.64 1.61 -4.58	32.41 1.73 -0.80	33.83 1.70 0.00	31.42 1.57 0.00	34.38 1.57 0.00
PGE MADISON___WINDPWR 24146	44.80 0.91 0.00	42.76 1.06 0.00	41.66 1.05 0.00	40.91 1.01 0.00	41.14 1.10 0.00	38.01 1.30 0.00	42.40 1.66 0.00	40.53 1.53 0.00	39.07 1.51 0.00	38.44 1.39 0.00	43.54 1.56 0.00	40.28 1.10 0.00	40.55 1.10 0.00	35.80 1.28 0.00	34.11 1.04 0.00	36.16 1.93 0.00	38.27 2.03 -0.15	33.26 0.74 -0.25	34.33 0.47 -0.65	30.59 0.65 -1.49	30.78 0.63 -0.26	33.48 1.36 0.00	31.01 1.16 0.00	33.34 0.54 0.00



PIERCEFIELD___HYD 23852	44.97 1.08 0.00	43.39 1.69 0.00	42.01 1.41 0.00	41.24 1.34 0.00	41.14 1.11 0.00	36.97 0.25 0.00	40.84 0.10 0.00	38.87 -0.12 0.00	37.13 -0.43 0.00	37.15 0.10 0.00	42.20 0.22 0.00	39.04 -0.13 0.00	39.29 -0.15 0.00	34.38 -0.14 0.00	32.90 -0.16 0.00	33.97 -0.25 0.00	35.36 -0.74 -0.01	31.82 -0.46 -0.02	32.70 -0.54 -0.04	27.22 -1.32 -0.09	28.84 -1.06 -0.02	31.67 -0.46 0.00	29.41 -0.43 0.00	32.63 -0.17 0.00
PINELAWN_CC_1 323563	46.27 2.38 0.00	43.48 1.78 0.00	42.11 1.50 0.00	41.38 1.48 0.00	41.63 1.60 0.00	38.69 1.98 0.00	42.79 2.05 0.00	41.05 2.06 0.00	39.60 2.01 -0.03	39.38 2.09 -0.23	60.34 2.95 -15.41	42.27 3.08 0.00	42.54 3.09 -0.01	36.86 2.34 0.00	35.04 1.97 0.00	36.29 1.87 -0.19	38.66 2.05 -0.52	35.17 2.08 -0.82	37.47 2.19 -2.06	35.05 1.98 -4.62	32.86 2.17 -0.80	34.47 2.34 0.00	32.03 2.18 0.00	35.06 2.26 0.00
PJM_GEN_HTTP_PROXY 323702	45.87 1.99 0.00	43.27 1.57 0.00	42.05 1.44 0.00	41.27 1.37 0.00	41.45 1.41 0.00	38.34 1.63 0.00	42.73 1.99 0.00	41.16 2.17 0.00	39.69 2.19 0.06	39.19 2.14 0.00	44.51 2.54 0.00	41.57 2.39 0.00	41.89 2.45 0.00	36.54 2.02 0.00	34.97 1.91 0.00	36.13 1.90 0.00	38.68 2.12 -0.47	35.05 2.00 -0.78	37.30 2.09 -2.01	34.88 1.80 -4.62	32.62 1.92 -0.80	34.03 1.90 0.00	31.59 1.74 0.00	34.55 1.75 0.00
PJM_GEN_KEystone 24065	37.56 0.08 6.40	34.23 0.01 7.48	32.85 -0.09 7.67	33.80 -0.03 6.07	39.69 -0.07 0.27	36.53 -0.18 0.00	40.65 -0.09 0.00	38.83 -0.17 -0.01	37.38 -0.27 -0.09	36.85 -0.21 0.00	41.78 -0.20 0.00	36.96 -0.17 2.04	39.20 -0.25 0.00	34.26 -0.26 0.00	32.76 -0.31 0.00	33.89 -0.33 0.00	36.02 -0.35 -0.29	32.50 -0.25 -0.48	34.19 -0.25 -1.24	31.13 -0.17 -2.86	30.34 -0.05 -0.50	31.97 -0.16 0.00	29.79 -0.06 0.00	32.81 0.01 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.87 1.99 0.00	43.16 1.46 0.00	41.84 1.23 0.00	41.11 1.21 0.00	41.34 1.30 0.00	38.36 1.65 0.00	42.46 1.73 0.00	40.73 1.73 0.00	39.27 1.71 0.00	38.80 1.75 0.00	57.03 2.51 -12.55	41.77 2.59 0.00	42.05 2.60 -0.01	36.49 1.96 0.00	34.72 1.66 0.00	35.80 1.57 0.00	38.28 1.72 -0.47	34.80 1.76 -0.78	37.07 1.85 -2.01	34.76 1.69 -4.62	32.56 1.86 -0.80	34.10 1.98 0.00	31.70 1.85 0.00	34.70 1.90 0.00
PJM_GEN_VFT_PROXY 323633	45.84 1.95 0.00	43.19 1.49 0.00	41.96 1.35 0.00	41.19 1.29 0.00	41.36 1.32 0.00	38.28 1.57 0.00	42.70 1.96 0.00	41.28 2.18 -0.10	41.02 2.17 -1.29	39.19 2.14 0.00	44.49 2.51 0.00	41.54 2.36 0.00	41.86 2.42 0.00	36.51 1.99 0.00	34.96 1.89 0.00	36.10 1.87 0.00	38.66 2.11 -0.47	35.04 2.00 -0.78	37.29 2.07 -2.01	34.88 1.81 -4.62	32.63 1.93 -0.80	34.01 1.88 0.00	31.57 1.72 0.00	34.49 1.69 0.00
PLATSBURG_115KV_PMLD1 355749	45.58 1.69 0.00	43.83 2.14 0.00	42.54 1.94 0.00	41.85 1.95 0.00	41.90 1.86 0.00	37.97 1.26 0.00	42.11 1.38 0.00	40.13 1.14 0.00	38.16 0.60 0.00	37.76 0.70 0.00	42.95 0.97 0.00	39.76 0.58 0.00	40.07 0.62 0.00	34.88 0.36 0.00	33.41 0.35 0.00	34.63 0.40 0.00	36.45 0.36 0.00	32.85 0.58 0.00	33.79 0.58 0.00	27.69 -0.76 0.00	29.07 -0.82 0.00	31.72 -0.40 0.00	29.36 -0.49 0.00	32.67 -0.13 0.00
PLEASANTVLY___LBMP 24000	45.49 1.60 0.00	42.97 1.27 0.00	41.79 1.18 0.00	41.03 1.13 0.00	41.20 1.16 0.00	38.03 1.31 0.00	42.29 1.56 0.00	40.67 1.68 0.00	39.25 1.69 0.00	38.69 1.64 0.00	43.92 1.95 0.00	41.02 1.84 0.00	41.31 1.87 0.00	36.07 1.55 0.00	34.53 1.47 0.00	35.70 1.47 0.00	38.23 1.65 -0.48	34.65 1.58 -0.81	36.96 1.66 -2.09	34.71 1.44 -4.82	32.26 1.53 -0.84	33.64 1.52 0.00	31.28 1.43 0.00	34.25 1.45 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.79 1.90 0.00	43.22 1.52 0.00	42.02 1.41 0.00	41.25 1.35 0.00	41.42 1.38 0.00	38.29 1.57 0.00	42.63 1.89 0.00	41.02 2.02 0.00	39.60 2.04 0.00	39.03 1.98 0.00	44.34 2.36 0.00	41.39 2.21 0.00	41.70 2.26 0.00	36.38 1.86 0.00	34.83 1.76 0.00	35.99 1.77 0.00	38.54 1.98 -0.47	34.93 1.88 -0.78	37.19 1.96 -2.02	34.81 1.70 -4.66	32.52 1.81 -0.81	33.93 1.80 0.00	31.51 1.67 0.00	34.49 1.69 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.79 1.90 0.00	43.22 1.52 0.00	42.02 1.41 0.00	41.25 1.35 0.00	41.42 1.38 0.00	38.29 1.57 0.00	42.63 1.89 0.00	41.02 2.02 0.00	39.60 2.04 0.00	39.03 1.98 0.00	44.34 2.36 0.00	41.39 2.21 0.00	41.70 2.26 0.00	36.38 1.86 0.00	34.83 1.76 0.00	35.99 1.77 0.00	38.54 1.98 -0.47	34.93 1.88 -0.78	37.19 1.96 -2.02	34.81 1.70 -4.66	32.52 1.81 -0.81	33.93 1.80 0.00	31.51 1.67 0.00	34.49 1.69 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.82 1.93 0.00	43.27 1.57 0.00	42.09 1.48 0.00	41.31 1.42 0.00	41.47 1.43 0.00	38.29 1.58 0.00	42.61 1.87 0.00	41.01 2.01 0.00	39.57 2.01 0.00	39.01 1.96 0.00	44.30 2.32 0.00	41.35 2.17 0.00	41.63 2.19 0.00	36.36 1.84 0.00	34.84 1.77 0.00	36.00 1.78 0.00	38.58 2.01 -0.48	34.99 1.93 -0.79	37.26 2.00 -2.05	34.90 1.73 -4.72	32.52 1.81 -0.82	33.93 1.80 0.00	31.53 1.68 0.00	34.51 1.71 0.00
POLETTI____ 23519	45.35 1.46 0.00	42.64 0.94 0.00	41.47 0.86 0.00	40.91 1.01 0.00	40.92 0.88 0.00	38.11 1.40 0.00	42.24 1.50 0.00	41.09 1.99 -0.10	40.86 2.03 -1.28	38.97 1.92 0.00	44.05 2.07 0.00	40.97 1.80 0.00	41.37 1.93 0.00	36.05 1.53 0.00	34.51 1.44 0.00	35.64 1.42 0.00	38.11 1.56 -0.47	34.59 1.55 -0.78	36.82 1.60 -2.01	34.50 1.42 -4.62	32.24 1.55 -0.80	33.64 1.51 0.00	31.20 1.35 0.00	34.08 1.28 0.00
POMONA___ESR 323819	45.67 1.78 0.00	43.07 1.37 0.00	41.86 1.26 0.00	41.11 1.21 0.00	41.29 1.25 0.00	38.16 1.45 0.00	42.52 1.78 0.00	40.91 1.91 0.00	39.47 1.91 0.00	38.89 1.84 0.00	44.16 2.18 0.00	41.23 2.05 0.00	41.52 2.08 0.00	36.23 1.70 0.00	34.70 1.63 0.00	35.88 1.66 0.00	38.42 1.88 -0.45	34.81 1.79 -0.75	37.04 1.89 -1.95	34.57 1.64 -4.48	32.41 1.74 -0.78	33.83 1.70 0.00	31.42 1.57 0.00	34.37 1.56 0.00
PORT_JEFF_3 23555	46.04 2.16 0.00	43.21 1.51 0.00	41.82 1.21 0.00	41.14 1.24 0.00	41.37 1.33 0.00	38.54 1.83 0.00	42.49 1.75 0.00	40.71 1.71 0.00	39.37 1.66 -0.15	40.13 1.74 -1.33	58.24 2.75 -13.51	42.16 2.97 0.00	42.45 3.00 -0.01	36.78 2.26 0.00	34.82 1.76 0.00	36.83 1.49 -1.12	38.29 1.39 -0.81	34.84 1.56 -1.02	37.24 1.70 -2.33	34.86 1.79 -4.62	32.73 2.04 -0.80	34.45 2.32 0.00	32.02 2.17 0.00	35.07 2.26 0.00
PORT_JEFF_4 23616	46.04 2.16 0.00	43.21 1.51 0.00	41.82 1.21 0.00	41.14 1.24 0.00	41.37 1.33 0.00	38.54 1.83 0.00	42.49 1.75 0.00	40.71 1.71 0.00	39.37 1.66 -0.15	40.13 1.74 -1.33	58.24 2.75 -13.51	42.16 2.97 0.00	42.45 3.00 -0.01	36.78 2.26 0.00	34.82 1.76 0.00	36.83 1.49 -1.12	38.29 1.39 -0.81	34.84 1.56 -1.02	37.24 1.70 -2.33	34.86 1.79 -4.62	32.73 2.04 -0.80	34.45 2.32 0.00	32.02 2.17 0.00	35.07 2.26 0.00



PORT_JEFF_IC 23713	46.10 2.21 0.00	43.24 1.54 0.00	41.87 1.27 0.00	41.17 1.27 0.00	41.41 1.37 0.00	38.60 1.88 0.00	42.53 1.80 0.00	40.76 1.76 0.00	39.41 1.73 -0.12	39.96 1.81 -1.09	58.39 2.82 -13.59	42.24 3.05 0.00	42.52 3.08 -0.01	36.85 2.33 0.00	34.90 1.83 0.00	36.72 1.58 -0.92	38.20 1.36 -0.75	34.78 1.54 -0.97	37.16 1.68 -2.27	34.94 1.87 -4.62	32.80 2.10 -0.80	34.50 2.37 0.00	32.07 2.23 0.00	35.12 2.32 0.00
PPL PILGRIM_ST_GT1 24216	46.55 2.66 0.00	43.72 2.02 0.00	42.31 1.71 0.00	41.59 1.69 0.00	41.87 1.83 0.00	38.93 2.22 0.00	43.02 2.29 0.00	41.22 2.22 0.00	39.88 2.19 -0.13	40.54 2.32 -1.16	59.20 3.23 -13.98	42.58 3.40 0.00	42.88 3.44 -0.01	37.14 2.62 0.00	35.22 2.15 0.00	37.32 2.12 -0.98	39.12 2.27 -0.76	35.52 2.27 -0.99	37.88 2.37 -2.29	35.24 2.16 -4.62	33.07 2.37 -0.80	34.66 2.53 0.00	32.20 2.36 0.00	35.29 2.49 0.00
PPL PILGRIM_ST_GT2 24217	46.55 2.66 0.00	43.72 2.02 0.00	42.31 1.71 0.00	41.59 1.69 0.00	41.87 1.83 0.00	38.93 2.22 0.00	43.02 2.29 0.00	41.22 2.22 0.00	39.88 2.19 -0.13	40.54 2.32 -1.16	59.20 3.23 -13.98	42.58 3.40 0.00	42.88 3.44 -0.01	37.14 2.62 0.00	35.22 2.15 0.00	37.32 2.12 -0.98	39.12 2.27 -0.76	35.52 2.27 -0.99	37.88 2.37 -2.29	35.24 2.16 -4.62	33.07 2.37 -0.80	34.66 2.53 0.00	32.20 2.36 0.00	35.29 2.49 0.00
PPL_SHRM_GT3 24213	46.15 2.26 0.00	43.28 1.58 0.00	41.88 1.27 0.00	41.21 1.32 0.00	41.41 1.37 0.00	38.68 1.96 0.00	42.61 1.87 0.00	40.91 1.92 0.00	39.59 1.89 -0.14	40.30 1.98 -1.26	58.46 2.93 -13.55	42.36 3.18 0.00	42.64 3.19 -0.01	36.97 2.44 0.00	35.07 2.00 0.00	37.12 1.83 -1.07	38.72 1.84 -0.79	35.28 2.01 -1.00	37.66 2.13 -2.32	35.13 2.06 -4.62	32.97 2.27 -0.80	34.66 2.53 0.00	32.20 2.35 0.00	35.28 2.48 0.00
PPL_SHRM_GT4 24214	46.15 2.26 0.00	43.28 1.58 0.00	41.88 1.27 0.00	41.21 1.32 0.00	41.41 1.37 0.00	38.68 1.96 0.00	42.61 1.87 0.00	40.91 1.92 0.00	39.59 1.89 -0.14	40.30 1.98 -1.26	58.46 2.93 -13.55	42.36 3.18 0.00	42.64 3.19 -0.01	36.97 2.44 0.00	35.07 2.00 0.00	37.12 1.83 -1.07	38.72 1.84 -0.79	35.28 2.01 -1.00	37.66 2.13 -2.32	35.13 2.06 -4.62	32.97 2.27 -0.80	34.66 2.53 0.00	32.20 2.35 0.00	35.28 2.48 0.00
PROJECT___ORANGE 1 24174	43.06 -0.83 0.00	40.96 -0.74 0.00	39.86 -0.75 0.00	39.20 -0.69 0.00	39.33 -0.70 0.00	36.03 -0.68 0.00	39.99 -0.75 0.00	38.24 -0.76 0.00	36.85 -0.71 0.00	36.35 -0.71 0.00	41.13 -0.86 0.00	38.43 -0.75 0.00	38.70 -0.74 0.00	33.93 -0.59 0.00	32.47 -0.59 0.00	33.64 -0.58 0.00	35.47 -0.66 -0.04	31.74 -0.60 -0.07	32.75 -0.65 -0.19	28.40 -0.50 -0.44	29.51 -0.46 -0.08	31.72 -0.41 0.00	29.49 -0.36 0.00	32.39 -0.41 0.00
PROJECT___ORANGE 2 24166	43.06 -0.83 0.00	40.96 -0.74 0.00	39.86 -0.75 0.00	39.20 -0.69 0.00	39.33 -0.70 0.00	36.03 -0.68 0.00	39.99 -0.75 0.00	38.24 -0.76 0.00	36.85 -0.71 0.00	36.35 -0.71 0.00	41.13 -0.86 0.00	38.43 -0.75 0.00	38.70 -0.74 0.00	33.93 -0.59 0.00	32.47 -0.59 0.00	33.64 -0.58 0.00	35.47 -0.66 -0.04	31.74 -0.60 -0.07	32.75 -0.65 -0.19	28.40 -0.50 -0.44	29.51 -0.46 -0.08	31.72 -0.41 0.00	29.49 -0.36 0.00	32.39 -0.41 0.00
PUCKETT___SOLAR 323809	43.87 -0.01 0.00	41.79 0.10 0.00	40.71 0.10 0.00	40.02 0.12 0.00	40.14 0.10 0.00	36.78 0.07 0.00	40.92 0.19 0.00	39.12 0.12 0.00	37.62 0.06 0.00	37.04 -0.02 0.00	41.92 -0.06 0.00	38.94 -0.23 0.00	39.27 -0.17 0.00	34.48 -0.04 0.00	32.85 -0.21 0.00	34.27 0.05 0.00	36.27 0.02 -0.16	32.31 -0.23 -0.27	33.64 -0.26 -0.69	29.83 -0.19 -1.58	30.05 -0.11 -0.27	32.05 -0.07 0.00	29.77 -0.08 0.00	32.68 -0.12 0.00
PYRITES___HYD 24023	45.66 1.77 0.00	44.15 2.45 0.00	42.73 2.13 0.00	41.98 2.08 0.00	41.93 1.89 0.00	37.66 0.95 0.00	41.67 0.93 0.00	39.65 0.66 0.00	37.81 0.25 0.00	37.73 0.67 0.00	42.77 0.79 0.00	39.40 0.22 0.00	39.69 0.25 0.00	34.89 0.37 0.00	33.39 0.33 0.00	34.45 0.23 0.00	36.04 -0.06 -0.01	32.54 0.25 -0.01	33.50 0.25 -0.04	27.89 -0.65 -0.08	29.55 -0.36 -0.01	32.34 0.21 0.00	30.01 0.16 0.00	33.26 0.46 0.00
QUAKERRD_115KV_BK1 80622	42.54 -1.35 0.00	40.66 -1.03 0.00	39.47 -1.14 0.00	38.87 -1.03 0.00	38.95 -1.08 0.00	35.37 -1.34 0.00	39.26 -1.48 0.00	37.31 -1.69 0.00	35.78 -1.78 0.00	35.38 -1.67 0.00	39.99 -1.99 0.00	37.38 -1.80 0.00	37.55 -1.90 0.00	32.87 -1.65 0.00	31.48 -1.59 0.00	32.56 -1.66 0.00	34.49 -1.65 -0.05	30.87 -1.48 -0.08	31.82 -1.61 -0.22	27.65 -1.32 -0.51	28.68 -1.30 -0.09	30.78 -1.35 0.00	28.64 -1.21 0.00	31.64 -1.17 0.00
QUENSBRY_115KV_TB8 356137	46.39 2.50 0.00	43.88 2.18 0.00	42.66 2.05 0.00	41.93 2.03 0.00	42.14 2.10 0.00	38.76 2.05 0.00	43.14 2.40 0.00	41.43 2.43 0.00	39.96 2.40 0.00	39.34 2.28 0.00	44.57 2.59 0.00	41.53 2.35 0.00	41.77 2.33 0.00	36.44 1.92 0.00	34.97 1.90 0.00	36.30 2.07 0.00	38.98 2.30 -0.59	35.36 2.11 -0.98	37.91 2.17 -2.54	36.01 1.71 -5.84	32.66 1.75 -1.02	33.80 1.67 0.00	31.33 1.48 0.00	34.41 1.61 0.00
RAMAPO___LBMP 323565	45.50 1.62 0.00	42.90 1.20 0.00	41.73 1.12 0.00	40.96 1.07 0.00	41.14 1.10 0.00	38.03 1.31 0.00	42.35 1.62 0.00	40.73 1.73 0.00	39.31 1.74 0.00	38.71 1.65 0.00	43.96 1.98 0.00	41.03 1.85 0.00	41.33 1.89 0.00	36.05 1.53 0.00	34.54 1.47 0.00	35.73 1.50 0.00	38.24 1.71 -0.45	34.65 1.63 -0.75	36.87 1.73 -1.93	34.40 1.51 -4.45	32.26 1.60 -0.77	33.69 1.56 0.00	31.28 1.43 0.00	34.23 1.42 0.00
RANKINE____ 23646	43.41 -0.48 0.00	41.73 0.03 0.00	40.40 -0.21 0.00	39.88 -0.01 0.00	39.87 -0.16 0.00	35.74 -0.97 0.00	39.66 -1.08 0.00	37.40 -1.59 0.00	35.68 -1.88 0.00	35.35 -1.70 0.00	39.89 -2.08 0.00	37.27 -1.91 0.00	37.26 -2.19 0.00	32.45 -2.08 0.00	30.91 -2.15 0.00	31.93 -2.29 0.00	33.90 -2.27 -0.08	30.35 -2.04 -0.12	31.26 -2.27 -0.32	27.38 -1.85 -0.78	28.34 -1.68 -0.14	30.32 -1.81 0.00	28.32 -1.53 0.00	31.60 -1.20 0.00
RAVENSWOOD_GT2_1 24244	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.73 0.00	42.82 2.08 0.00	41.37 2.27 -0.10	41.12 2.29 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.95 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.92 1.85 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.79 0.00	34.61 1.81 0.00
RAVENSWOOD_GT2_2 24245	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.73 0.00	42.82 2.08 0.00	41.37 2.27 -0.10	41.12 2.29 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.95 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.92 1.85 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.79 0.00	34.61 1.81 0.00



RAVENSWOOD_GT2_3 24246	45.97 2.08 0.00	43.35 1.65 0.00	42.15 1.55 0.00	41.40 1.51 0.00	41.54 1.51 0.00	38.45 1.74 0.00	42.84 2.10 0.00	41.38 2.28 -0.10	41.14 2.30 -1.28	39.29 2.24 0.00	44.61 2.62 0.00	41.67 2.49 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.05 1.98 0.00	36.20 1.98 0.00	38.75 2.20 -0.47	35.12 2.08 -0.78	37.38 2.16 -2.01	34.95 1.87 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.66 1.81 0.00	34.62 1.82 0.00
RAVENSWOOD_GT2_4 24247	45.97 2.08 0.00	43.35 1.65 0.00	42.15 1.55 0.00	41.40 1.51 0.00	41.54 1.51 0.00	38.45 1.74 0.00	42.84 2.10 0.00	41.38 2.28 -0.10	41.14 2.30 -1.28	39.29 2.24 0.00	44.61 2.62 0.00	41.67 2.49 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.05 1.98 0.00	36.20 1.98 0.00	38.75 2.20 -0.47	35.12 2.08 -0.78	37.38 2.16 -2.01	34.95 1.87 -4.62	32.70 2.00 -0.80	34.10 1.98 0.00	31.66 1.81 0.00	34.62 1.82 0.00
RAVENSWOOD_GT3_1 24248	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.73 0.00	42.82 2.08 0.00	41.37 2.27 -0.10	41.12 2.29 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.96 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.93 1.86 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.80 0.00	34.61 1.81 0.00
RAVENSWOOD_GT3_2 24249	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.73 0.00	42.82 2.08 0.00	41.37 2.27 -0.10	41.12 2.29 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.96 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.93 1.86 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.80 0.00	34.61 1.81 0.00
RAVENSWOOD_GT3_3 24250	46.01 2.13 0.00	43.39 1.69 0.00	42.19 1.59 0.00	41.44 1.55 0.00	41.58 1.55 0.00	38.49 1.77 0.00	42.88 2.14 0.00	41.42 2.32 -0.10	41.18 2.34 -1.28	39.33 2.27 0.00	44.66 2.68 0.00	41.71 2.53 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.24 2.02 0.00	38.80 2.24 -0.47	35.16 2.11 -0.78	37.41 2.20 -2.01	34.98 1.90 -4.62	32.73 2.03 -0.80	34.14 2.01 0.00	31.69 1.84 0.00	34.65 1.85 0.00
RAVENSWOOD_GT3_4 24251	46.01 2.13 0.00	43.39 1.69 0.00	42.19 1.59 0.00	41.44 1.55 0.00	41.58 1.55 0.00	38.49 1.77 0.00	42.88 2.14 0.00	41.42 2.32 -0.10	41.18 2.34 -1.28	39.33 2.27 0.00	44.66 2.68 0.00	41.71 2.53 0.00	42.02 2.58 0.00	36.65 2.13 0.00	35.08 2.02 0.00	36.24 2.02 0.00	38.80 2.24 -0.47	35.16 2.11 -0.78	37.41 2.20 -2.01	34.98 1.90 -4.62	32.73 2.03 -0.80	34.14 2.01 0.00	31.69 1.84 0.00	34.65 1.85 0.00
RAVENSWOOD_GT_1 23729	46.05 2.16 0.00	43.44 1.75 0.00	42.25 1.64 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.55 1.84 0.00	42.93 2.19 0.00	41.51 2.41 -0.10	41.30 2.47 -1.28	39.36 2.31 0.00	44.68 2.70 0.00	41.74 2.56 0.00	42.06 2.62 0.00	36.69 2.17 0.00	35.12 2.05 0.00	36.27 2.05 0.00	38.82 2.26 -0.47	35.18 2.14 -0.78	37.43 2.21 -2.01	35.00 1.93 -4.62	32.76 2.07 -0.80	34.18 2.05 0.00	31.71 1.87 0.00	34.69 1.89 0.00
RAVENSWOOD_GT_10 24258	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.82 2.08 0.00	41.36 2.26 -0.10	41.11 2.28 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.95 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.92 1.85 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.79 0.00	34.61 1.81 0.00
RAVENSWOOD_GT_11 24259	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.82 2.08 0.00	41.36 2.26 -0.10	41.11 2.28 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.95 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.92 1.85 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.79 0.00	34.61 1.81 0.00
RAVENSWOOD_GT_4 24252	45.95 2.07 0.00	43.34 1.64 0.00	42.15 1.54 0.00	41.39 1.49 0.00	41.53 1.49 0.00	38.45 1.73 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.15 2.32 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.97 2.53 0.00	36.60 2.07 0.00	35.04 1.97 0.00	36.19 1.97 0.00	38.74 2.19 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.93 1.86 -4.62	32.69 1.99 -0.80	34.09 1.96 0.00	31.65 1.80 0.00	34.62 1.82 0.00
RAVENSWOOD_GT_5 24254	45.95 2.07 0.00	43.34 1.64 0.00	42.15 1.54 0.00	41.39 1.49 0.00	41.53 1.49 0.00	38.45 1.73 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.15 2.32 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.97 2.53 0.00	36.60 2.07 0.00	35.04 1.97 0.00	36.19 1.97 0.00	38.74 2.19 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.93 1.86 -4.62	32.69 1.99 -0.80	34.09 1.96 0.00	31.65 1.80 0.00	34.62 1.82 0.00
RAVENSWOOD_GT_6 24253	45.95 2.07 0.00	43.34 1.64 0.00	42.15 1.54 0.00	41.39 1.49 0.00	41.53 1.49 0.00	38.45 1.73 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.15 2.32 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.97 2.53 0.00	36.60 2.07 0.00	35.04 1.97 0.00	36.19 1.97 0.00	38.74 2.19 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.93 1.86 -4.62	32.69 1.99 -0.80	34.09 1.96 0.00	31.65 1.80 0.00	34.62 1.82 0.00
RAVENSWOOD_GT_7 24255	45.95 2.07 0.00	43.34 1.64 0.00	42.15 1.54 0.00	41.39 1.49 0.00	41.53 1.49 0.00	38.45 1.73 0.00	42.83 2.09 0.00	41.38 2.28 -0.10	41.15 2.32 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.97 2.53 0.00	36.60 2.07 0.00	35.04 1.97 0.00	36.19 1.97 0.00	38.74 2.19 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.93 1.86 -4.62	32.69 1.99 -0.80	34.09 1.96 0.00	31.65 1.80 0.00	34.62 1.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.82 2.08 0.00	41.36 2.26 -0.10	41.11 2.28 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.95 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.92 1.85 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.79 0.00	34.61 1.81 0.00
RAVENSWOOD_GT_9 24257	45.95 2.07 0.00	43.34 1.64 0.00	42.14 1.54 0.00	41.38 1.49 0.00	41.53 1.49 0.00	38.44 1.72 0.00	42.82 2.08 0.00	41.36 2.26 -0.10	41.11 2.28 -1.28	39.27 2.22 0.00	44.60 2.61 0.00	41.64 2.46 0.00	41.96 2.51 0.00	36.59 2.07 0.00	35.03 1.96 0.00	36.18 1.95 0.00	38.74 2.18 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.92 1.85 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.79 0.00	34.61 1.81 0.00



RAVENSWOOD___1 23533	45.97 2.08 0.00	43.39 1.69 0.00	42.16 1.55 0.00	41.39 1.50 0.00	41.56 1.53 0.00	38.47 1.75 0.00	42.85 2.11 0.00	41.43 2.34 -0.10	41.22 2.39 -1.28	39.29 2.23 0.00	44.60 2.62 0.00	41.66 2.48 0.00	41.99 2.54 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.20 1.98 0.00	38.75 2.20 -0.47	35.13 2.09 -0.78	37.37 2.16 -2.01	34.95 1.88 -4.62	32.71 2.01 -0.80	34.11 1.99 0.00	31.66 1.81 0.00	34.63 1.83 0.00
RAVENSWOOD___2 23534	45.97 2.08 0.00	43.39 1.69 0.00	42.16 1.55 0.00	41.39 1.50 0.00	41.56 1.53 0.00	38.47 1.75 0.00	42.85 2.11 0.00	41.43 2.34 -0.10	41.22 2.39 -1.28	39.29 2.23 0.00	44.60 2.62 0.00	41.66 2.48 0.00	41.99 2.54 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.20 1.98 0.00	38.75 2.20 -0.47	35.13 2.09 -0.78	37.37 2.16 -2.01	34.95 1.88 -4.62	32.71 2.01 -0.80	34.11 1.99 0.00	31.66 1.81 0.00	34.63 1.83 0.00
RAVENSWOOD___3 23535	45.96 2.07 0.00	43.36 1.66 0.00	42.13 1.53 0.00	41.37 1.47 0.00	41.54 1.50 0.00	38.43 1.72 0.00	42.82 2.08 0.00	41.37 2.27 -0.10	41.13 2.30 -1.28	39.28 2.22 0.00	44.60 2.62 0.00	41.65 2.47 0.00	41.97 2.52 0.00	36.59 2.07 0.00	35.04 1.97 0.00	36.19 1.97 0.00	38.74 2.19 -0.47	35.11 2.07 -0.78	37.36 2.14 -2.01	34.93 1.86 -4.62	32.68 1.98 -0.80	34.09 1.96 0.00	31.65 1.80 0.00	34.61 1.81 0.00
RAVENSWOOD___4 23820	45.97 2.08 0.00	43.39 1.69 0.00	42.16 1.55 0.00	41.39 1.50 0.00	41.56 1.53 0.00	38.47 1.75 0.00	42.85 2.11 0.00	41.43 2.34 -0.10	41.22 2.39 -1.28	39.29 2.23 0.00	44.60 2.62 0.00	41.66 2.48 0.00	41.99 2.54 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.20 1.98 0.00	38.75 2.20 -0.47	35.13 2.09 -0.78	37.37 2.16 -2.01	34.95 1.88 -4.62	32.71 2.01 -0.80	34.11 1.99 0.00	31.66 1.81 0.00	34.63 1.83 0.00
RCPL_TRUST___DRP 24196	45.92 2.03 0.00	43.29 1.60 0.00	42.09 1.48 0.00	41.33 1.43 0.00	41.48 1.45 0.00	38.38 1.67 0.00	42.78 2.04 0.00	41.20 2.21 0.00	39.73 2.24 0.06	39.24 2.19 0.00	44.58 2.59 0.00	41.62 2.45 0.00	41.94 2.50 0.00	36.58 2.06 0.00	35.02 1.95 0.00	36.18 1.95 0.00	38.73 2.17 -0.47	35.09 2.05 -0.78	37.34 2.13 -2.01	34.91 1.84 -4.62	32.65 1.96 -0.80	34.07 1.94 0.00	31.63 1.78 0.00	34.59 1.78 0.00
RED___ROCHESTER 323720	43.80 -0.09 0.00	41.88 0.18 0.00	40.64 0.03 0.00	40.02 0.12 0.00	40.09 0.05 0.00	36.37 -0.35 0.00	40.33 -0.40 0.00	38.31 -0.69 0.00	36.73 -0.83 0.00	36.33 -0.72 0.00	41.05 -0.93 0.00	38.41 -0.77 0.00	38.51 -0.93 0.00	33.73 -0.79 0.00	32.29 -0.78 0.00	33.41 -0.81 0.00	35.43 -0.72 -0.05	31.73 -0.63 -0.09	32.69 -0.76 -0.24	28.41 -0.58 -0.55	29.47 -0.52 -0.09	31.59 -0.54 0.00	29.40 -0.44 0.00	32.51 -0.29 0.00
REGAN___SOLAR 323812	45.28 1.39 0.00	42.98 1.28 0.00	41.83 1.22 0.00	41.05 1.15 0.00	41.26 1.22 0.00	37.84 1.12 0.00	42.11 1.37 0.00	40.41 1.41 0.00	38.85 1.29 0.00	38.21 1.16 0.00	43.21 1.23 0.00	40.39 1.21 0.00	40.41 0.97 0.00	35.49 0.97 0.00	34.10 1.03 0.00	35.50 1.28 0.00	38.11 1.38 -0.64	34.60 1.27 -1.07	37.08 1.11 -2.76	35.74 0.93 -6.36	31.95 0.95 -1.11	33.15 1.02 0.00	30.79 0.94 0.00	33.73 0.93 0.00
RENSSELAER___COGEN 23796	44.95 1.06 0.00	42.64 0.95 0.00	41.54 0.93 0.00	40.78 0.88 0.00	40.96 0.92 0.00	37.67 0.95 0.00	41.76 1.03 0.00	40.01 1.02 0.00	38.57 1.01 0.00	38.00 0.95 0.00	43.00 1.02 0.00	40.12 0.95 0.00	40.39 0.94 0.00	35.34 0.82 0.00	33.88 0.82 0.00	35.04 0.82 0.00	37.58 0.93 -0.56	34.04 0.83 -0.94	36.54 0.89 -2.44	34.81 0.75 -5.61	31.69 0.82 -0.98	32.92 0.80 0.00	30.64 0.80 0.00	33.69 0.89 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.23 5.34 0.00	46.42 4.73 0.00	44.81 4.20 0.00	44.13 4.23 0.00	44.33 4.29 0.00	40.86 4.15 0.00	45.49 4.76 0.00	43.93 4.93 0.00	42.63 5.07 0.00	41.74 4.69 0.00	47.29 5.31 0.00	43.66 4.48 0.00	43.75 4.30 0.00	38.27 3.75 0.00	36.87 3.80 0.00	38.64 4.41 0.00	41.67 4.99 -0.59	37.77 4.53 -0.98	40.22 4.47 -2.54	37.81 3.53 -5.84	34.24 3.34 -1.02	35.37 3.24 0.00	32.62 2.77 0.00	35.82 3.02 0.00
REVERE_CPPR_DRP 24186	45.18 1.29 0.00	42.99 1.29 0.00	41.80 1.19 0.00	41.06 1.16 0.00	41.23 1.20 0.00	37.88 1.16 0.00	42.14 1.40 0.00	40.35 1.35 0.00	38.90 1.34 0.00	38.39 1.34 0.00	43.50 1.52 0.00	40.66 1.48 0.00	40.93 1.49 0.00	35.97 1.45 0.00	34.45 1.38 0.00	35.60 1.38 0.00	37.41 1.29 -0.02	33.21 0.90 -0.04	34.27 0.96 -0.10	29.39 0.70 -0.24	30.78 0.85 -0.04	33.12 0.99 0.00	30.60 0.75 0.00	33.49 0.69 0.00
REYNLDPA_13_KV_LD 356490	45.04 1.15 0.00	43.47 1.77 0.00	42.11 1.51 0.00	41.37 1.47 0.00	41.43 1.39 0.00	37.43 0.72 0.00	41.53 0.79 0.00	39.49 0.50 0.00	37.51 -0.05 0.00	37.32 0.27 0.00	42.31 0.33 0.00	39.17 -0.01 0.00	39.44 -0.01 0.00	34.40 -0.12 0.00	32.91 -0.16 0.00	34.02 -0.21 0.00	35.81 -0.28 0.00	32.40 0.13 0.00	33.38 0.17 0.00	27.77 -0.68 0.00	29.54 -0.35 0.00	32.22 0.09 0.00	29.90 0.05 0.00	32.99 0.18 0.00
REYNOLDS_115KV_TB3 80639	45.21 1.32 0.00	42.87 1.18 0.00	41.78 1.17 0.00	40.99 1.10 0.00	41.19 1.15 0.00	37.87 1.16 0.00	41.98 1.24 0.00	40.20 1.20 0.00	38.75 1.19 0.00	38.18 1.12 0.00	43.24 1.26 0.00	40.36 1.18 0.00	40.61 1.17 0.00	35.53 1.01 0.00	34.06 0.99 0.00	35.23 1.01 0.00	37.77 1.12 -0.57	34.20 0.99 -0.94	36.71 1.05 -2.44	34.97 0.89 -5.63	31.86 0.99 -0.98	33.09 0.97 0.00	30.81 0.96 0.00	33.85 1.05 0.00
RIVERBAY____ 323610	46.65 2.76 0.00	44.06 2.36 0.00	42.83 2.22 0.00	42.09 2.19 0.00	42.32 2.28 0.00	39.15 2.43 0.00	43.64 2.90 0.00	42.20 3.11 -0.10	41.82 2.99 -1.28	39.89 2.84 0.00	45.23 3.25 0.00	42.24 3.06 0.00	42.63 3.19 0.00	37.16 2.64 0.00	35.57 2.51 0.00	36.73 2.51 0.00	39.31 2.76 -0.47	35.64 2.60 -0.78	37.86 2.64 -2.01	35.36 2.28 -4.62	33.07 2.37 -0.80	34.58 2.45 0.00	32.09 2.25 0.00	35.08 2.28 0.00
RIVERSDE_115KV_TB3 55908	45.11 1.22 0.00	42.79 1.09 0.00	41.69 1.08 0.00	40.92 1.02 0.00	41.11 1.07 0.00	37.80 1.08 0.00	41.91 1.18 0.00	40.15 1.16 0.00	38.70 1.14 0.00	38.14 1.09 0.00	43.17 1.19 0.00	40.29 1.11 0.00	40.56 1.12 0.00	35.47 0.95 0.00	34.02 0.95 0.00	35.18 0.96 0.00	37.73 1.07 -0.57	34.17 0.96 -0.94	36.67 1.01 -2.45	34.94 0.85 -5.64	31.80 0.93 -0.98	33.04 0.91 0.00	30.76 0.91 0.00	33.79 0.99 0.00
ROARING___BROOK_WT_PWR 323790	43.53 -0.36 0.00	41.64 -0.05 0.00	40.53 -0.08 0.00	39.75 -0.14 0.00	39.89 -0.15 0.00	36.43 -0.29 0.00	40.41 -0.33 0.00	38.49 -0.51 0.00	36.92 -0.63 0.00	36.72 -0.34 0.00	41.69 -0.29 0.00	38.91 -0.27 0.00	39.20 -0.25 0.00	34.23 -0.29 0.00	32.80 -0.27 0.00	33.91 -0.31 0.00	35.51 -0.58 0.00	31.32 -0.95 0.00	32.28 -0.93 0.00	27.36 -1.09 0.00	28.98 -0.90 0.00	31.42 -0.71 0.00	29.11 -0.74 0.00	31.92 -0.89 0.00



ROCHESRG_115KV_T4 355643	43.32 -0.57 0.00	41.48 -0.21 0.00	40.24 -0.37 0.00	39.64 -0.26 0.00	39.71 -0.33 0.00	35.96 -0.76 0.00	39.88 -0.86 0.00	37.84 -1.15 0.00	36.26 -1.30 0.00	35.86 -1.19 0.00	40.53 -1.45 0.00	37.90 -1.28 0.00	38.01 -1.43 0.00	33.28 -1.24 0.00	31.86 -1.21 0.00	32.94 -1.28 0.00	34.92 -1.23 -0.05	31.25 -1.11 -0.09	32.20 -1.24 -0.23	28.00 -0.99 -0.54	29.06 -0.93 -0.09	31.17 -0.96 0.00	29.04 -0.81 0.00	32.13 -0.67 0.00
ROCHESTER_9_IC 23652	43.62 -0.26 0.00	41.76 0.06 0.00	40.50 -0.11 0.00	39.90 0.00 0.00	39.97 -0.07 0.00	36.21 -0.50 0.00	40.18 -0.56 0.00	38.15 -0.85 0.00	36.56 -1.00 0.00	36.16 -0.90 0.00	40.87 -1.11 0.00	38.23 -0.95 0.00	38.32 -1.12 0.00	33.57 -0.95 0.00	32.13 -0.94 0.00	33.23 -0.99 0.00	35.24 -0.91 -0.05	31.54 -0.81 -0.09	32.51 -0.94 -0.24	28.26 -0.74 -0.55	29.31 -0.68 -0.09	31.43 -0.69 0.00	29.27 -0.58 0.00	32.37 -0.43 0.00
ROCKVIEW_13_KV_LD 356306	46.00 2.11 0.00	43.34 1.65 0.00	42.12 1.51 0.00	41.36 1.46 0.00	41.52 1.49 0.00	38.39 1.68 0.00	42.80 2.06 0.00	41.22 2.22 0.00	39.80 2.24 0.00	39.23 2.18 0.00	44.57 2.59 0.00	41.62 2.44 0.00	41.93 2.49 0.00	36.57 2.05 0.00	35.00 1.93 0.00	36.18 1.95 0.00	38.72 2.16 -0.47	35.09 2.05 -0.78	37.35 2.14 -2.01	34.93 1.86 -4.62	32.67 1.98 -0.80	34.10 1.97 0.00	31.66 1.82 0.00	34.65 1.85 0.00
ROME____115KV_TB2 80656	45.18 1.29 0.00	42.99 1.29 0.00	41.80 1.19 0.00	41.06 1.16 0.00	41.23 1.20 0.00	37.88 1.16 0.00	42.14 1.40 0.00	40.35 1.35 0.00	38.90 1.34 0.00	38.39 1.34 0.00	43.50 1.52 0.00	40.66 1.48 0.00	40.93 1.49 0.00	35.97 1.45 0.00	34.45 1.38 0.00	35.60 1.38 0.00	37.41 1.29 -0.02	33.21 0.90 -0.04	34.27 0.96 -0.10	29.39 0.70 -0.24	30.78 0.85 -0.04	33.12 0.99 0.00	30.60 0.75 0.00	33.49 0.69 0.00
ROSETON___1 23587	45.47 1.58 0.00	42.94 1.25 0.00	41.78 1.17 0.00	41.01 1.11 0.00	41.17 1.14 0.00	37.99 1.28 0.00	42.27 1.54 0.00	40.65 1.66 0.00	39.23 1.67 0.00	38.65 1.60 0.00	43.89 1.91 0.00	40.97 1.80 0.00	41.27 1.82 0.00	36.02 1.50 0.00	34.50 1.43 0.00	35.67 1.44 0.00	38.18 1.62 -0.47	34.59 1.55 -0.78	36.84 1.63 -2.01	34.49 1.42 -4.62	32.19 1.50 -0.80	33.61 1.48 0.00	31.22 1.38 0.00	34.19 1.39 0.00
ROSETON___2 23588	45.47 1.58 0.00	42.94 1.25 0.00	41.78 1.17 0.00	41.01 1.11 0.00	41.17 1.14 0.00	37.99 1.28 0.00	42.27 1.54 0.00	40.65 1.66 0.00	39.23 1.67 0.00	38.65 1.60 0.00	43.89 1.91 0.00	40.97 1.80 0.00	41.27 1.82 0.00	36.02 1.50 0.00	34.50 1.43 0.00	35.67 1.44 0.00	38.18 1.62 -0.47	34.59 1.55 -0.78	36.84 1.63 -2.01	34.49 1.42 -4.62	32.19 1.50 -0.80	33.61 1.48 0.00	31.22 1.38 0.00	34.19 1.39 0.00
ROTRDAM_115KV_TB3 80664	45.11 1.22 0.00	42.78 1.08 0.00	41.67 1.06 0.00	40.92 1.02 0.00	41.09 1.05 0.00	37.72 1.00 0.00	41.88 1.15 0.00	40.14 1.14 0.00	38.67 1.11 0.00	38.12 1.07 0.00	43.20 1.22 0.00	40.33 1.15 0.00	40.58 1.14 0.00	35.48 0.96 0.00	34.03 0.96 0.00	35.24 1.01 0.00	37.78 1.10 -0.60	34.26 1.00 -0.99	36.82 1.05 -2.57	35.24 0.87 -5.91	31.86 0.94 -1.03	33.07 0.94 0.00	30.73 0.88 0.00	33.72 0.92 0.00
RUSSELL___1 23602	43.80 -0.09 0.00	41.90 0.20 0.00	40.63 0.02 0.00	40.02 0.12 0.00	40.10 0.06 0.00	36.33 -0.38 0.00	40.33 -0.40 0.00	38.31 -0.69 0.00	36.72 -0.84 0.00	36.33 -0.72 0.00	41.05 -0.93 0.00	38.41 -0.77 0.00	38.51 -0.93 0.00	33.74 -0.79 0.00	32.29 -0.78 0.00	33.41 -0.81 0.00	35.43 -0.72 -0.05	31.74 -0.63 -0.09	32.69 -0.75 -0.24	28.41 -0.58 -0.55	29.47 -0.51 -0.09	31.59 -0.53 0.00	29.40 -0.44 0.00	32.51 -0.29 0.00
RUSSELL___2 23532	43.80 -0.09 0.00	41.90 0.20 0.00	40.63 0.02 0.00	40.02 0.12 0.00	40.10 0.06 0.00	36.33 -0.38 0.00	40.33 -0.40 0.00	38.31 -0.69 0.00	36.72 -0.84 0.00	36.33 -0.72 0.00	41.05 -0.93 0.00	38.41 -0.77 0.00	38.51 -0.93 0.00	33.74 -0.79 0.00	32.29 -0.78 0.00	33.41 -0.81 0.00	35.43 -0.72 -0.05	31.74 -0.63 -0.09	32.69 -0.75 -0.24	28.41 -0.58 -0.55	29.47 -0.51 -0.09	31.59 -0.53 0.00	29.40 -0.44 0.00	32.51 -0.29 0.00
RUSSELL___3 23549	43.80 -0.09 0.00	41.90 0.20 0.00	40.63 0.02 0.00	40.02 0.12 0.00	40.10 0.06 0.00	36.33 -0.38 0.00	40.33 -0.40 0.00	38.31 -0.69 0.00	36.72 -0.84 0.00	36.33 -0.72 0.00	41.05 -0.93 0.00	38.41 -0.77 0.00	38.51 -0.93 0.00	33.74 -0.79 0.00	32.29 -0.78 0.00	33.41 -0.81 0.00	35.43 -0.72 -0.05	31.74 -0.63 -0.09	32.69 -0.75 -0.24	28.41 -0.58 -0.55	29.47 -0.51 -0.09	31.59 -0.53 0.00	29.40 -0.44 0.00	32.51 -0.29 0.00
RUSSELL___4 23556	43.80 -0.09 0.00	41.90 0.20 0.00	40.63 0.02 0.00	40.02 0.12 0.00	40.10 0.06 0.00	36.33 -0.38 0.00	40.33 -0.40 0.00	38.31 -0.69 0.00	36.72 -0.84 0.00	36.33 -0.72 0.00	41.05 -0.93 0.00	38.41 -0.77 0.00	38.51 -0.93 0.00	33.74 -0.79 0.00	32.29 -0.78 0.00	33.41 -0.81 0.00	35.43 -0.72 -0.05	31.74 -0.63 -0.09	32.69 -0.75 -0.24	28.41 -0.58 -0.55	29.47 -0.51 -0.09	31.59 -0.53 0.00	29.40 -0.44 0.00	32.51 -0.29 0.00
RUSSELL___STATION 23914	43.80 -0.09 0.00	41.90 0.20 0.00	40.63 0.02 0.00	40.02 0.12 0.00	40.10 0.06 0.00	36.33 -0.38 0.00	40.33 -0.40 0.00	38.31 -0.69 0.00	36.72 -0.84 0.00	36.33 -0.72 0.00	41.05 -0.93 0.00	38.41 -0.77 0.00	38.51 -0.93 0.00	33.74 -0.79 0.00	32.29 -0.78 0.00	33.41 -0.81 0.00	35.43 -0.72 -0.05	31.74 -0.63 -0.09	32.69 -0.75 -0.24	28.41 -0.58 -0.55	29.47 -0.51 -0.09	31.59 -0.53 0.00	29.40 -0.44 0.00	32.51 -0.29 0.00
S SALMON___HYD 24043	42.99 -0.90 0.00	40.82 -0.88 0.00	39.69 -0.92 0.00	38.98 -0.92 0.00	39.12 -0.91 0.00	35.87 -0.85 0.00	39.74 -0.99 0.00	37.98 -1.02 0.00	36.66 -0.90 0.00	36.24 -0.81 0.00	41.17 -0.81 0.00	38.51 -0.67 0.00	38.74 -0.70 0.00	34.08 -0.44 0.00	32.61 -0.46 0.00	33.75 -0.47 0.00	35.36 -0.77 -0.03	31.32 -1.00 -0.06	32.30 -1.06 -0.15	27.87 -0.92 -0.34	29.13 -0.83 -0.06	31.57 -0.56 0.00	29.28 -0.57 0.00	32.05 -0.76 0.00
S.PERRY__115KV_TB1 80734	44.39 0.50 0.00	42.45 0.75 0.00	41.25 0.64 0.00	40.69 0.80 0.00	40.78 0.74 0.00	36.97 0.25 0.00	41.33 0.59 0.00	39.36 0.36 0.00	37.64 0.08 0.00	37.09 0.04 0.00	41.83 -0.15 0.00	38.94 -0.24 0.00	38.61 -0.83 0.00	33.97 -0.55 0.00	32.41 -0.66 0.00	33.43 -0.79 0.00	35.60 -0.58 -0.08	31.93 -0.51 -0.17	33.00 -0.63 -0.42	28.82 -0.47 -0.84	29.63 -0.41 -0.15	31.67 -0.45 0.00	29.47 -0.38 0.00	32.62 -0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.16 -0.73 0.00	41.53 -0.17 0.00	40.21 -0.40 0.00	39.68 -0.21 0.00	39.67 -0.36 0.00	35.51 -1.21 0.00	39.31 -1.43 0.00	37.02 -1.97 0.00	35.32 -2.24 0.00	35.00 -2.06 0.00	39.50 -2.48 0.00	36.88 -2.30 0.00	36.91 -2.53 0.00	32.18 -2.34 0.00	30.68 -2.39 0.00	31.68 -2.54 0.00	33.67 -2.49 -0.07	30.13 -2.25 -0.12	31.03 -2.48 -0.31	27.18 -2.01 -0.74	28.15 -1.87 -0.13	30.14 -1.99 0.00	28.17 -1.68 0.00	31.44 -1.36 0.00



SAWYER___23_KV_LOAD 55526	43.16 -0.73 0.00	41.53 -0.17 0.00	40.21 -0.40 0.00	39.68 -0.21 0.00	39.67 -0.36 0.00	35.51 -1.21 0.00	39.31 -1.43 0.00	37.02 -1.97 0.00	35.32 -2.24 0.00	35.00 -2.06 0.00	39.50 -2.48 0.00	36.88 -2.30 0.00	36.91 -2.53 0.00	32.18 -2.34 0.00	30.68 -2.39 0.00	31.68 -2.54 0.00	33.67 -2.49 -0.07	30.13 -2.25 -0.12	31.03 -2.48 -0.31	27.18 -2.01 -0.74	28.15 -1.87 -0.13	30.14 -1.99 0.00	28.17 -1.68 0.00	31.44 -1.36 0.00
SELKIRK___I 23801	45.20 1.31 0.00	42.92 1.22 0.00	41.83 1.22 0.00	41.07 1.17 0.00	41.23 1.20 0.00	37.86 1.15 0.00	41.98 1.24 0.00	40.19 1.19 0.00	38.70 1.15 0.00	38.13 1.07 0.00	43.14 1.17 0.00	40.22 1.04 0.00	40.47 1.03 0.00	35.45 0.93 0.00	33.98 0.92 0.00	35.17 0.95 0.00	37.71 1.06 -0.56	34.16 0.96 -0.93	36.63 1.01 -2.41	34.85 0.86 -5.54	31.80 0.95 -0.96	33.08 0.95 0.00	30.79 0.94 0.00	33.82 1.02 0.00
SELKIRK___II 23799	44.93 1.04 0.00	42.64 0.94 0.00	41.55 0.94 0.00	40.78 0.88 0.00	40.96 0.92 0.00	37.63 0.92 0.00	41.73 0.99 0.00	39.99 0.99 0.00	38.54 0.98 0.00	37.98 0.92 0.00	43.00 1.02 0.00	40.12 0.95 0.00	40.38 0.94 0.00	35.34 0.82 0.00	33.87 0.81 0.00	35.04 0.82 0.00	37.56 0.91 -0.56	34.04 0.83 -0.94	36.52 0.88 -2.43	34.79 0.75 -5.59	31.69 0.83 -0.97	32.94 0.81 0.00	30.64 0.80 0.00	33.66 0.86 0.00
SENECA OSWGO___HYD 24041	42.47 -1.42 0.00	40.38 -1.32 0.00	39.31 -1.29 0.00	38.65 -1.24 0.00	38.77 -1.27 0.00	35.55 -1.16 0.00	39.42 -1.32 0.00	37.71 -1.29 0.00	36.32 -1.23 0.00	35.84 -1.21 0.00	40.59 -1.39 0.00	37.89 -1.29 0.00	38.18 -1.26 0.00	33.47 -1.05 0.00	32.04 -1.03 0.00	33.20 -1.03 0.00	35.01 -1.12 -0.04	31.32 -1.01 -0.06	32.29 -1.08 -0.17	27.97 -0.86 -0.38	29.12 -0.84 -0.07	31.35 -0.78 0.00	29.14 -0.71 0.00	31.99 -0.81 0.00
SENECA___115KV_TB3 355854	43.49 -0.40 0.00	41.74 0.05 0.00	40.47 -0.14 0.00	39.95 0.05 0.00	39.93 -0.11 0.00	35.84 -0.87 0.00	39.73 -1.01 0.00	37.47 -1.52 0.00	35.75 -1.81 0.00	35.41 -1.64 0.00	39.97 -2.01 0.00	37.33 -1.85 0.00	37.33 -2.11 0.00	32.51 -2.01 0.00	30.97 -2.10 0.00	31.99 -2.23 0.00	33.96 -2.21 -0.08	30.42 -1.98 -0.12	31.33 -2.21 -0.32	27.43 -1.80 -0.78	28.40 -1.63 -0.14	30.38 -1.75 0.00	28.37 -1.48 0.00	31.65 -1.15 0.00
SENECA___ENERGY 23797	43.39 -0.50 0.00	41.37 -0.33 0.00	40.16 -0.44 0.00	39.58 -0.32 0.00	39.70 -0.33 0.00	36.21 -0.50 0.00	40.17 -0.56 0.00	38.33 -0.67 0.00	36.82 -0.74 0.00	36.34 -0.72 0.00	41.10 -0.88 0.00	38.38 -0.80 0.00	38.66 -0.78 0.00	33.83 -0.69 0.00	32.37 -0.70 0.00	33.59 -0.64 0.00	35.51 -0.64 -0.06	31.82 -0.54 -0.09	32.87 -0.58 -0.24	28.55 -0.45 -0.55	29.57 -0.42 -0.10	31.76 -0.37 0.00	29.48 -0.37 0.00	32.50 -0.30 0.00
SHOEMAKER___GT 23640	45.43 1.54 0.00	42.94 1.24 0.00	41.77 1.16 0.00	41.01 1.11 0.00	41.18 1.14 0.00	37.96 1.25 0.00	42.25 1.52 0.00	40.61 1.61 0.00	39.15 1.59 0.00	38.58 1.52 0.00	43.79 1.81 0.00	40.82 1.64 0.00	41.10 1.66 0.00	35.89 1.37 0.00	34.41 1.34 0.00	35.60 1.38 0.00	38.06 1.54 -0.43	34.46 1.48 -0.71	36.62 1.58 -1.84	34.04 1.36 -4.23	32.05 1.43 -0.74	33.52 1.39 0.00	31.11 1.26 0.00	34.02 1.22 0.00
SHOEMAKR_138KV_BK 111 55601	45.40 1.51 0.00	42.90 1.20 0.00	41.75 1.14 0.00	40.99 1.09 0.00	41.16 1.12 0.00	37.94 1.23 0.00	42.22 1.49 0.00	40.58 1.58 0.00	39.13 1.57 0.00	38.57 1.51 0.00	43.77 1.79 0.00	40.81 1.63 0.00	41.09 1.64 0.00	35.88 1.36 0.00	34.39 1.32 0.00	35.58 1.35 0.00	38.04 1.52 -0.42	34.43 1.46 -0.70	36.59 1.56 -1.82	33.99 1.34 -4.20	32.03 1.41 -0.73	33.50 1.37 0.00	31.09 1.24 0.00	34.02 1.22 0.00
SHOREHAM_IC_1 23715	46.15 2.26 0.00	43.28 1.58 0.00	41.88 1.27 0.00	41.21 1.32 0.00	41.41 1.37 0.00	38.68 1.96 0.00	42.61 1.87 0.00	40.91 1.92 0.00	39.59 1.89 -0.14	40.30 1.98 -1.26	58.46 2.93 -13.55	42.36 3.18 0.00	42.64 3.19 -0.01	36.97 2.44 0.00	35.07 2.00 0.00	37.12 1.83 -1.07	38.72 1.84 -0.79	35.28 2.01 -1.00	37.66 2.13 -2.32	35.13 2.06 -4.62	32.97 2.27 -0.80	34.66 2.53 0.00	32.20 2.35 0.00	35.28 2.48 0.00
SHOREHAM_IC_2 23716	46.15 2.26 0.00	43.27 1.57 0.00	41.89 1.28 0.00	41.21 1.31 0.00	41.41 1.38 0.00	38.69 1.97 0.00	42.60 1.87 0.00	40.91 1.91 0.00	39.59 1.89 -0.14	40.30 1.98 -1.26	58.45 2.92 -13.55	42.36 3.18 0.00	42.64 3.19 -0.01	36.97 2.44 0.00	35.07 2.00 0.00	37.12 1.83 -1.07	38.73 1.84 -0.79	35.28 2.01 -1.00	37.66 2.13 -2.32	35.13 2.06 -4.62	32.96 2.27 -0.80	34.66 2.53 0.00	32.21 2.36 0.00	35.28 2.49 0.00
SISSONVILLE___ 23735	44.97 1.08 0.00	43.39 1.69 0.00	42.01 1.41 0.00	41.24 1.34 0.00	41.14 1.11 0.00	36.97 0.25 0.00	40.84 0.10 0.00	38.87 -0.12 0.00	37.13 -0.43 0.00	37.15 0.10 0.00	42.20 0.22 0.00	39.04 -0.13 0.00	39.29 -0.15 0.00	34.38 -0.14 0.00	32.90 -0.16 0.00	33.97 -0.25 0.00	35.36 -0.74 -0.01	31.82 -0.46 -0.02	32.70 -0.54 -0.04	27.22 -1.32 -0.09	28.84 -1.06 -0.02	31.67 -0.46 0.00	29.41 -0.43 0.00	32.63 -0.17 0.00
SITHE_IND_GS1 24169	42.26 -1.63 0.00	40.21 -1.49 0.00	39.15 -1.45 0.00	38.52 -1.38 0.00	38.63 -1.41 0.00	35.39 -1.32 0.00	39.21 -1.53 0.00	37.49 -1.51 0.00	36.11 -1.45 0.00	35.63 -1.42 0.00	40.32 -1.65 0.00	37.66 -1.52 0.00	37.92 -1.52 0.00	33.25 -1.27 0.00	31.85 -1.22 0.00	32.96 -1.26 0.00	34.76 -1.36 -0.03	31.09 -1.23 -0.05	32.04 -1.31 -0.13	27.71 -1.05 -0.31	28.91 -1.04 -0.05	31.18 -0.95 0.00	28.99 -0.85 0.00	31.85 -0.95 0.00
SITHE_IND_GS2 24170	42.26 -1.63 0.00	40.21 -1.49 0.00	39.15 -1.45 0.00	38.52 -1.38 0.00	38.63 -1.41 0.00	35.39 -1.32 0.00	39.21 -1.53 0.00	37.49 -1.51 0.00	36.11 -1.45 0.00	35.63 -1.42 0.00	40.32 -1.65 0.00	37.66 -1.52 0.00	37.92 -1.52 0.00	33.25 -1.27 0.00	31.85 -1.22 0.00	32.96 -1.26 0.00	34.76 -1.36 -0.03	31.09 -1.23 -0.05	32.04 -1.31 -0.13	27.71 -1.05 -0.31	28.91 -1.04 -0.05	31.18 -0.95 0.00	28.99 -0.85 0.00	31.85 -0.95 0.00
SITHE_IND_GS3 24171	42.26 -1.63 0.00	40.21 -1.49 0.00	39.15 -1.45 0.00	38.52 -1.38 0.00	38.63 -1.41 0.00	35.39 -1.32 0.00	39.21 -1.53 0.00	37.49 -1.51 0.00	36.11 -1.45 0.00	35.63 -1.42 0.00	40.32 -1.65 0.00	37.66 -1.52 0.00	37.92 -1.52 0.00	33.25 -1.27 0.00	31.85 -1.22 0.00	32.96 -1.26 0.00	34.76 -1.36 -0.03	31.09 -1.23 -0.05	32.04 -1.31 -0.13	27.71 -1.05 -0.31	28.91 -1.04 -0.05	31.18 -0.95 0.00	28.99 -0.85 0.00	31.85 -0.95 0.00
SITHE_IND_GS4 24172	42.26 -1.63 0.00	40.21 -1.49 0.00	39.15 -1.45 0.00	38.52 -1.38 0.00	38.63 -1.41 0.00	35.39 -1.32 0.00	39.21 -1.53 0.00	37.49 -1.51 0.00	36.11 -1.45 0.00	35.63 -1.42 0.00	40.32 -1.65 0.00	37.66 -1.52 0.00	37.92 -1.52 0.00	33.25 -1.27 0.00	31.85 -1.22 0.00	32.96 -1.26 0.00	34.76 -1.36 -0.03	31.09 -1.23 -0.05	32.04 -1.31 -0.13	27.71 -1.05 -0.31	28.91 -1.04 -0.05	31.18 -0.95 0.00	28.99 -0.85 0.00	31.85 -0.95 0.00



SITHE___BATAVIA 24024	44.22 0.34 0.00	42.45 0.75 0.00	41.14 0.53 0.00	40.55 0.66 0.00	40.58 0.54 0.00	36.51 -0.20 0.00	40.44 -0.30 0.00	38.29 -0.71 0.00	36.63 -0.92 0.00	36.19 -0.86 0.00	40.75 -1.22 0.00	38.22 -0.95 0.00	38.10 -1.35 0.00	33.43 -1.09 0.00	31.94 -1.13 0.00	33.05 -1.17 0.00	35.19 -0.96 -0.06	31.54 -0.84 -0.10	32.43 -1.05 -0.27	28.29 -0.80 -0.64	29.33 -0.68 -0.11	31.40 -0.73 0.00	29.28 -0.57 0.00	32.56 -0.24 0.00
SITHE___INDEPEND 23800	42.26 -1.63 0.00	40.21 -1.48 0.00	39.15 -1.46 0.00	38.51 -1.39 0.00	38.63 -1.41 0.00	35.38 -1.33 0.00	39.21 -1.53 0.00	37.49 -1.51 0.00	36.11 -1.45 0.00	35.63 -1.42 0.00	40.33 -1.65 0.00	37.65 -1.53 0.00	37.92 -1.53 0.00	33.25 -1.27 0.00	31.85 -1.22 0.00	32.96 -1.27 0.00	34.76 -1.36 -0.03	31.09 -1.23 -0.05	32.03 -1.31 -0.13	27.71 -1.05 -0.31	28.91 -1.04 -0.05	31.18 -0.95 0.00	28.99 -0.85 0.00	31.85 -0.94 0.00
SITHE___MASSENA 23902	45.17 1.28 0.00	43.59 1.90 0.00	42.21 1.61 0.00	41.47 1.57 0.00	41.50 1.47 0.00	37.48 0.76 0.00	41.54 0.80 0.00	39.51 0.51 0.00	37.55 -0.01 0.00	37.40 0.34 0.00	42.41 0.43 0.00	39.24 0.07 0.00	39.52 0.07 0.00	34.49 -0.02 0.00	33.00 -0.07 0.00	34.10 -0.12 0.00	35.84 -0.25 0.00	32.40 0.13 0.00	33.37 0.16 0.00	27.76 -0.69 0.00	29.52 -0.37 0.00	32.22 0.10 0.00	29.91 0.06 0.00	33.02 0.22 0.00
SITHE___OGDNSBRG 24021	45.72 1.83 0.00	44.20 2.50 0.00	42.79 2.18 0.00	42.03 2.13 0.00	42.02 1.98 0.00	37.81 1.10 0.00	41.90 1.16 0.00	39.86 0.86 0.00	37.93 0.38 0.00	37.82 0.77 0.00	42.87 0.89 0.00	39.47 0.30 0.00	39.75 0.31 0.00	34.92 0.40 0.00	33.41 0.34 0.00	34.50 0.27 0.00	36.20 0.10 -0.01	32.74 0.45 -0.01	33.71 0.47 -0.03	28.07 -0.45 -0.08	29.77 -0.14 -0.01	32.52 0.39 0.00	30.17 0.33 0.00	33.38 0.58 0.00
SITHE___STERLING 23777	44.78 0.90 0.00	42.65 0.95 0.00	41.50 0.90 0.00	40.78 0.88 0.00	40.95 0.91 0.00	37.60 0.89 0.00	41.82 1.09 0.00	40.05 1.05 0.00	38.59 1.03 0.00	38.04 0.99 0.00	43.06 1.08 0.00	40.26 1.08 0.00	40.53 1.09 0.00	35.59 1.07 0.00	34.08 1.01 0.00	35.25 1.03 0.00	37.11 0.99 -0.03	32.98 0.66 -0.05	34.00 0.67 -0.12	29.26 0.53 -0.28	30.57 0.63 -0.05	32.85 0.72 0.00	30.40 0.56 0.00	33.30 0.50 0.00
SLEIGHT__34_KV_TB1 80719	43.25 -0.64 0.00	41.30 -0.40 0.00	40.05 -0.56 0.00	39.46 -0.44 0.00	39.58 -0.46 0.00	35.99 -0.72 0.00	39.99 -0.75 0.00	38.08 -0.92 0.00	36.55 -1.01 0.00	36.10 -0.95 0.00	40.83 -1.15 0.00	38.14 -1.04 0.00	38.34 -1.10 0.00	33.57 -0.95 0.00	32.14 -0.93 0.00	33.30 -0.92 0.00	35.26 -0.88 -0.05	31.57 -0.78 -0.09	32.59 -0.85 -0.23	28.30 -0.67 -0.53	29.33 -0.65 -0.09	31.47 -0.66 0.00	29.24 -0.61 0.00	32.27 -0.54 0.00
SMITHTWN_69_KV_BK 1 55830	46.24 2.35 0.00	43.37 1.67 0.00	42.00 1.39 0.00	41.29 1.39 0.00	41.53 1.49 0.00	38.70 1.99 0.00	42.68 1.95 0.00	40.89 1.90 0.00	39.49 1.86 -0.07	39.60 1.95 -0.60	58.60 2.96 -13.66	42.36 3.18 0.00	42.66 3.22 -0.01	36.96 2.44 0.00	35.03 1.97 0.00	36.48 1.76 -0.50	38.41 1.70 -0.62	34.99 1.84 -0.88	37.33 1.97 -2.15	35.06 1.99 -4.62	32.91 2.21 -0.80	34.58 2.45 0.00	32.14 2.29 0.00	35.20 2.39 0.00
SOUTH CAIRO___GT 23612	46.46 2.57 0.00	44.09 2.39 0.00	42.92 2.31 0.00	42.12 2.22 0.00	42.33 2.29 0.00	38.93 2.21 0.00	43.27 2.53 0.00	41.57 2.57 0.00	40.03 2.48 0.00	39.32 2.27 0.00	44.47 2.49 0.00	41.45 2.27 0.00	41.53 2.09 0.00	36.55 2.03 0.00	35.15 2.08 0.00	36.42 2.20 0.00	39.08 2.45 -0.54	35.40 2.23 -0.90	37.78 2.24 -2.33	35.66 1.84 -5.37	32.76 1.93 -0.94	34.11 1.98 0.00	31.69 1.84 0.00	34.76 1.96 0.00
SOUTH HAMPTN___IC 23720	45.94 2.05 0.00	43.04 1.34 0.00	41.65 1.04 0.00	40.98 1.08 0.00	41.18 1.14 0.00	38.52 1.81 0.00	42.44 1.70 0.00	40.77 1.78 0.00	39.48 1.77 -0.15	40.31 1.91 -1.34	58.34 2.83 -13.52	42.30 3.11 0.00	42.55 3.10 -0.01	36.88 2.36 0.00	35.01 1.94 0.00	37.13 1.78 -1.13	38.72 1.82 -0.81	35.30 2.02 -1.02	37.69 2.15 -2.33	35.10 2.03 -4.62	32.92 2.22 -0.80	34.62 2.49 0.00	32.16 2.31 0.00	35.32 2.52 0.00
SOUTHDOW_115KV_TB1 355954	43.98 0.09 0.00	42.10 0.40 0.00	40.71 0.10 0.00	40.27 0.37 0.00	40.44 0.40 0.00	36.23 -0.49 0.00	40.41 -0.33 0.00	38.13 -0.87 0.00	36.15 -1.41 0.00	35.75 -1.30 0.00	40.29 -1.69 0.00	37.00 -2.18 0.00	36.52 -2.92 0.00	31.98 -2.54 0.00	30.68 -2.38 0.00	31.80 -2.43 0.00	33.34 -2.84 -0.09	29.77 -2.64 -0.14	30.66 -2.92 -0.36	26.89 -2.41 -0.85	27.79 -2.25 -0.15	29.67 -2.46 0.00	27.66 -2.19 0.00	30.82 -1.98 0.00
SOUTHOLD_69_KV_BK 2 55809	45.37 1.48 0.00	42.47 0.77 0.00	41.12 0.52 0.00	40.42 0.52 0.00	40.64 0.61 0.00	38.09 1.37 0.00	41.94 1.21 0.00	40.33 1.34 0.00	39.07 1.36 -0.15	39.94 1.55 -1.34	57.90 2.40 -13.52	41.91 2.73 0.00	42.17 2.72 -0.01	36.54 2.02 0.00	34.68 1.61 0.00	36.81 1.46 -1.13	38.42 1.53 -0.81	35.06 1.78 -1.02	37.45 1.90 -2.33	34.86 1.78 -4.62	32.63 1.94 -0.80	34.35 2.22 0.00	31.91 2.06 0.00	35.17 2.37 0.00
SOUTHOLD___IC 23719	45.37 1.48 0.00	42.48 0.78 0.00	41.11 0.51 0.00	40.42 0.52 0.00	40.64 0.61 0.00	38.08 1.37 0.00	41.95 1.22 0.00	40.34 1.34 0.00	39.08 1.37 -0.15	39.94 1.55 -1.34	57.91 2.40 -13.52	41.91 2.73 0.00	42.17 2.72 -0.01	36.54 2.02 0.00	34.69 1.62 0.00	36.81 1.46 -1.13	38.43 1.53 -0.81	35.06 1.78 -1.02	37.44 1.90 -2.33	34.86 1.78 -4.62	32.64 1.94 -0.80	34.35 2.22 0.00	31.90 2.06 0.00	35.17 2.37 0.00
SOUTH_FORK_WT_PWR 323839	44.61 0.72 0.00	41.74 0.04 0.00	40.39 -0.22 0.00	39.71 -0.18 0.00	39.93 -0.11 0.00	37.46 0.75 0.00	41.26 0.52 0.00	39.67 0.67 0.00	38.44 0.73 -0.15	39.33 0.94 -1.34	57.21 1.71 -13.52	41.28 2.09 0.00	41.51 2.06 -0.01	35.96 1.44 0.00	34.13 1.06 0.00	36.23 0.88 -1.13	37.85 0.95 -0.81	34.56 1.27 -1.02	36.96 1.42 -2.33	34.40 1.33 -4.62	32.15 1.46 -0.80	33.86 1.74 0.00	31.48 1.63 0.00	34.82 2.02 0.00
SPIERFLS_115KV_TB 1 80737	46.04 2.16 0.00	43.56 1.87 0.00	42.38 1.77 0.00	41.64 1.74 0.00	41.84 1.80 0.00	38.48 1.77 0.00	42.84 2.10 0.00	41.10 2.10 0.00	39.63 2.07 0.00	39.02 1.96 0.00	44.22 2.24 0.00	41.22 2.04 0.00	41.47 2.03 0.00	36.17 1.65 0.00	34.70 1.63 0.00	36.00 1.77 0.00	38.64 1.96 -0.59	35.05 1.80 -0.98	37.60 1.85 -2.54	35.76 1.47 -5.84	32.44 1.53 -1.02	33.59 1.46 0.00	31.15 1.30 0.00	34.22 1.42 0.00
ST LAWRENCE____ 23600	44.54 0.66 0.00	42.97 1.27 0.00	41.63 1.02 0.00	40.89 0.99 0.00	40.95 0.91 0.00	37.02 0.31 0.00	41.07 0.33 0.00	39.06 0.06 0.00	37.12 -0.44 0.00	36.91 -0.14 0.00	41.86 -0.11 0.00	38.75 -0.43 0.00	39.03 -0.41 0.00	34.04 -0.48 0.00	32.56 -0.50 0.00	33.66 -0.57 0.00	35.44 -0.65 0.00	32.04 -0.22 0.00	33.02 -0.19 0.00	27.48 -0.98 0.00	29.22 -0.67 0.00	31.85 -0.28 0.00	29.56 -0.29 0.00	32.60 -0.20 0.00



STATE_CA_115KV_115_LB 55624	45.20 1.31 0.00	42.88 1.18 0.00	41.78 1.17 0.00	41.00 1.10 0.00	41.19 1.15 0.00	37.90 1.18 0.00	42.02 1.28 0.00	40.28 1.28 0.00	38.83 1.27 0.00	38.27 1.22 0.00	43.31 1.33 0.00	40.42 1.24 0.00	40.69 1.25 0.00	35.60 1.08 0.00	34.13 1.06 0.00	35.30 1.08 0.00	37.84 1.19 -0.57	34.28 1.07 -0.94	36.78 1.12 -2.45	35.03 0.94 -5.64	31.89 1.02 -0.98	33.13 1.01 0.00	30.83 0.98 0.00	33.88 1.08 0.00
STATE_ST_34_KV_LOAD 55959	43.70 -0.19 0.00	41.62 -0.08 0.00	40.32 -0.29 0.00	39.80 -0.10 0.00	39.95 -0.09 0.00	36.42 -0.29 0.00	40.44 -0.30 0.00	38.64 -0.36 0.00	37.17 -0.39 0.00	36.62 -0.43 0.00	41.45 -0.52 0.00	38.68 -0.49 0.00	39.01 -0.43 0.00	34.16 -0.36 0.00	32.62 -0.44 0.00	33.90 -0.33 0.00	35.83 -0.33 -0.06	32.09 -0.27 -0.10	33.24 -0.23 -0.26	28.88 -0.16 -0.59	29.92 -0.07 -0.10	32.14 0.01 0.00	29.76 -0.08 0.00	32.78 -0.02 0.00
STATION_5_MISC_HYD 23604	43.63 -0.26 0.00	41.73 0.03 0.00	40.50 -0.10 0.00	39.90 0.00 0.00	39.96 -0.08 0.00	36.24 -0.47 0.00	40.18 -0.56 0.00	38.15 -0.85 0.00	36.57 -0.99 0.00	36.16 -0.89 0.00	40.87 -1.11 0.00	38.23 -0.95 0.00	38.32 -1.12 0.00	33.56 -0.96 0.00	32.13 -0.94 0.00	33.23 -0.99 0.00	35.24 -0.91 -0.05	31.55 -0.81 -0.09	32.50 -0.94 -0.24	28.26 -0.74 -0.55	29.31 -0.68 -0.09	31.43 -0.69 0.00	29.27 -0.58 0.00	32.37 -0.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.45 -0.44 0.00	41.50 -0.20 0.00	40.27 -0.34 0.00	39.66 -0.23 0.00	39.76 -0.27 0.00	36.16 -0.55 0.00	40.16 -0.57 0.00	38.23 -0.76 0.00	36.69 -0.87 0.00	36.24 -0.81 0.00	40.95 -1.03 0.00	38.29 -0.89 0.00	38.48 -0.96 0.00	33.69 -0.83 0.00	32.25 -0.81 0.00	33.41 -0.81 0.00	35.38 -0.76 -0.05	31.69 -0.66 -0.09	32.67 -0.76 -0.23	28.37 -0.60 -0.52	29.42 -0.56 -0.09	31.58 -0.55 0.00	29.37 -0.48 0.00	32.40 -0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.31 -0.57 0.00	41.44 -0.26 0.00	40.20 -0.40 0.00	39.59 -0.31 0.00	39.67 -0.36 0.00	35.98 -0.74 0.00	39.92 -0.82 0.00	37.92 -1.08 0.00	36.35 -1.21 0.00	35.95 -1.10 0.00	40.64 -1.34 0.00	38.01 -1.17 0.00	38.14 -1.31 0.00	33.40 -1.13 0.00	31.97 -1.10 0.00	33.07 -1.15 0.00	35.05 -1.10 -0.05	31.38 -0.97 -0.09	32.34 -1.10 -0.23	28.10 -0.89 -0.54	29.15 -0.83 -0.09	31.26 -0.87 0.00	29.10 -0.75 0.00	32.17 -0.63 0.00
STA_56___34_KV_BUS2 355983	43.31 -0.57 0.00	41.44 -0.26 0.00	40.20 -0.40 0.00	39.59 -0.31 0.00	39.67 -0.36 0.00	35.98 -0.74 0.00	39.92 -0.82 0.00	37.92 -1.08 0.00	36.35 -1.21 0.00	35.95 -1.10 0.00	40.64 -1.34 0.00	38.01 -1.17 0.00	38.14 -1.31 0.00	33.40 -1.13 0.00	31.97 -1.10 0.00	33.07 -1.15 0.00	35.05 -1.10 -0.05	31.38 -0.97 -0.09	32.34 -1.10 -0.23	28.10 -0.89 -0.54	29.15 -0.83 -0.09	31.26 -0.87 0.00	29.10 -0.75 0.00	32.17 -0.63 0.00
STA_67___115KV_BK2 355882	43.55 -0.34 0.00	41.69 -0.01 0.00	40.43 -0.18 0.00	39.82 -0.07 0.00	39.90 -0.14 0.00	36.14 -0.57 0.00	40.10 -0.64 0.00	38.07 -0.93 0.00	36.48 -1.08 0.00	36.08 -0.97 0.00	40.78 -1.20 0.00	38.14 -1.04 0.00	38.23 -1.21 0.00	33.49 -1.03 0.00	32.06 -1.01 0.00	33.16 -1.06 0.00	35.15 -1.00 -0.05	31.48 -0.89 -0.09	32.44 -1.01 -0.24	28.20 -0.80 -0.55	29.25 -0.74 -0.09	31.36 -0.76 0.00	29.21 -0.64 0.00	32.31 -0.49 0.00
STA_7___115KV_9TRANS 80674	43.80 -0.09 0.00	41.90 0.20 0.00	40.63 0.02 0.00	40.02 0.12 0.00	40.10 0.06 0.00	36.33 -0.38 0.00	40.33 -0.40 0.00	38.31 -0.69 0.00	36.72 -0.84 0.00	36.33 -0.72 0.00	41.05 -0.93 0.00	38.41 -0.77 0.00	38.51 -0.93 0.00	33.74 -0.79 0.00	32.29 -0.78 0.00	33.41 -0.81 0.00	35.43 -0.72 -0.05	31.74 -0.63 -0.09	32.69 -0.75 -0.24	28.41 -0.58 -0.55	29.47 -0.51 -0.09	31.59 -0.53 0.00	29.40 -0.44 0.00	32.51 -0.29 0.00
STA_82___115KV_TB1 80780	43.52 -0.37 0.00	41.65 -0.04 0.00	40.40 -0.20 0.00	39.80 -0.10 0.00	39.87 -0.16 0.00	36.11 -0.60 0.00	40.07 -0.67 0.00	38.04 -0.96 0.00	36.45 -1.11 0.00	36.06 -1.00 0.00	40.74 -1.24 0.00	38.10 -1.08 0.00	38.20 -1.24 0.00	33.46 -1.06 0.00	32.03 -1.04 0.00	33.13 -1.10 0.00	35.11 -1.04 -0.05	31.44 -0.92 -0.09	32.40 -1.05 -0.24	28.17 -0.83 -0.55	29.22 -0.77 -0.09	31.34 -0.79 0.00	29.19 -0.66 0.00	32.29 -0.51 0.00
STEEL___WIND 323596	43.41 -0.48 0.00	41.67 -0.03 0.00	40.38 -0.22 0.00	39.86 -0.03 0.00	39.83 -0.21 0.00	35.77 -0.94 0.00	39.67 -1.07 0.00	37.43 -1.57 0.00	35.69 -1.87 0.00	35.36 -1.70 0.00	39.90 -2.08 0.00	37.31 -1.86 0.00	37.28 -2.17 0.00	32.42 -2.09 0.00	30.90 -2.17 0.00	31.93 -2.30 0.00	33.87 -2.30 -0.08	30.35 -2.04 -0.12	31.25 -2.28 -0.32	27.37 -1.86 -0.78	28.35 -1.68 -0.14	30.31 -1.82 0.00	28.31 -1.53 0.00	31.59 -1.21 0.00
STEPHTWN_115KV_BK_2 55603	45.47 1.58 0.00	43.00 1.30 0.00	41.87 1.26 0.00	41.09 1.19 0.00	41.27 1.23 0.00	38.01 1.29 0.00	42.32 1.59 0.00	40.52 1.52 0.00	39.01 1.45 0.00	38.50 1.45 0.00	43.57 1.59 0.00	40.62 1.44 0.00	40.81 1.37 0.00	35.77 1.25 0.00	34.24 1.18 0.00	35.50 1.27 0.00	38.13 1.47 -0.56	34.49 1.28 -0.94	36.99 1.34 -2.44	35.21 1.14 -5.61	32.13 1.26 -0.98	33.33 1.20 0.00	31.00 1.15 0.00	34.13 1.32 0.00
STEUBEN_REC_LFGE 323667	42.54 -1.35 0.00	40.73 -0.97 0.00	39.78 -0.83 0.00	39.34 -0.56 0.00	39.41 -0.63 0.00	35.80 -0.91 0.00	40.31 -0.43 0.00	38.41 -0.58 0.00	36.58 -0.98 0.00	36.21 -0.85 0.00	40.64 -1.34 0.00	37.68 -1.50 0.00	37.66 -1.78 0.00	32.83 -1.69 0.00	30.74 -2.33 0.00	31.40 -2.82 0.00	33.36 -2.84 -0.11	29.84 -2.63 -0.21	30.88 -2.85 -0.52	27.31 -2.25 -1.11	27.86 -2.22 -0.19	29.68 -2.45 0.00	27.65 -2.20 0.00	30.62 -2.18 0.00
STILLWATER___SOLAR 323814	46.01 2.13 0.00	43.63 1.93 0.00	42.45 1.85 0.00	41.69 1.79 0.00	41.89 1.85 0.00	38.50 1.78 0.00	42.81 2.07 0.00	41.04 2.04 0.00	39.53 1.97 0.00	38.95 1.90 0.00	44.12 2.14 0.00	41.15 1.97 0.00	41.39 1.95 0.00	36.15 1.63 0.00	34.71 1.64 0.00	35.96 1.75 0.00	38.57 1.89 -0.58	34.96 1.72 -0.97	37.51 1.78 -2.52	35.73 1.47 -5.81	32.46 1.56 -1.01	33.68 1.55 0.00	31.27 1.42 0.00	34.32 1.51 0.00
STONY___BROOK 24151	46.13 2.24 0.00	43.27 1.57 0.00	41.88 1.28 0.00	41.20 1.30 0.00	41.43 1.39 0.00	38.62 1.90 0.00	42.57 1.84 0.00	40.80 1.80 0.00	39.44 1.77 -0.11	39.88 1.86 -0.97	58.47 2.87 -13.62	42.28 3.10 0.00	42.57 3.11 -0.01	36.89 2.36 0.00	34.95 1.89 0.00	36.69 1.65 -0.82	38.31 1.51 -0.71	34.89 1.67 -0.95	37.26 1.81 -2.24	34.99 1.92 -4.62	32.84 2.14 -0.80	34.53 2.40 0.00	32.08 2.24 0.00	35.13 2.33 0.00
STURGEON_POOL_HYD 23609	45.61 1.72 0.00	43.07 1.37 0.00	41.91 1.30 0.00	41.14 1.25 0.00	41.29 1.25 0.00	38.10 1.38 0.00	42.39 1.65 0.00	40.77 1.78 0.00	39.34 1.78 0.00	38.79 1.73 0.00	44.05 2.08 0.00	41.08 1.90 0.00	41.39 1.95 0.00	36.11 1.59 0.00	34.61 1.55 0.00	35.78 1.56 0.00	38.33 1.77 -0.48	34.75 1.69 -0.79	37.03 1.76 -2.06	34.72 1.54 -4.73	32.34 1.63 -0.82	33.74 1.61 0.00	31.34 1.49 0.00	34.27 1.47 0.00



ST_LAW_115_BK7_LBMP 345037	44.56 0.67 0.00	43.01 1.31 0.00	41.65 1.04 0.00	40.91 1.02 0.00	40.97 0.93 0.00	37.03 0.31 0.00	41.07 0.33 0.00	39.06 0.06 0.00	37.11 -0.45 0.00	36.92 -0.14 0.00	41.87 -0.11 0.00	38.75 -0.43 0.00	39.03 -0.41 0.00	34.04 -0.48 0.00	32.56 -0.50 0.00	33.65 -0.57 0.00	35.42 -0.67 0.00	32.04 -0.22 0.00	33.01 -0.19 0.00	27.46 -0.99 0.00	29.21 -0.68 0.00	31.85 -0.28 0.00	29.56 -0.29 0.00	32.61 -0.20 0.00
ST_LAW_115_BK8_LBMP 345038	44.56 0.67 0.00	43.01 1.31 0.00	41.65 1.04 0.00	40.91 1.02 0.00	40.97 0.93 0.00	37.03 0.31 0.00	41.07 0.33 0.00	39.06 0.06 0.00	37.11 -0.45 0.00	36.92 -0.14 0.00	41.87 -0.11 0.00	38.75 -0.43 0.00	39.03 -0.41 0.00	34.04 -0.48 0.00	32.56 -0.50 0.00	33.65 -0.57 0.00	35.42 -0.67 0.00	32.04 -0.22 0.00	33.01 -0.19 0.00	27.46 -0.99 0.00	29.21 -0.68 0.00	31.85 -0.28 0.00	29.56 -0.29 0.00	32.61 -0.20 0.00
ST_LAW_230_BK5_LBMP 345035	44.54 0.66 0.00	42.97 1.27 0.00	41.63 1.02 0.00	40.89 0.99 0.00	40.95 0.91 0.00	37.02 0.31 0.00	41.07 0.33 0.00	39.06 0.06 0.00	37.12 -0.44 0.00	36.91 -0.14 0.00	41.86 -0.11 0.00	38.75 -0.43 0.00	39.03 -0.41 0.00	34.04 -0.48 0.00	32.56 -0.50 0.00	33.66 -0.57 0.00	35.44 -0.65 0.00	32.04 -0.22 0.00	33.02 -0.19 0.00	27.48 -0.98 0.00	29.22 -0.67 0.00	31.85 -0.28 0.00	29.56 -0.29 0.00	32.60 -0.20 0.00
ST_LAW_230_BK6_LBMP 345036	44.54 0.66 0.00	42.97 1.27 0.00	41.63 1.02 0.00	40.89 0.99 0.00	40.95 0.91 0.00	37.02 0.31 0.00	41.07 0.33 0.00	39.06 0.06 0.00	37.12 -0.44 0.00	36.91 -0.14 0.00	41.86 -0.11 0.00	38.75 -0.43 0.00	39.03 -0.41 0.00	34.04 -0.48 0.00	32.56 -0.50 0.00	33.66 -0.57 0.00	35.44 -0.65 0.00	32.04 -0.22 0.00	33.02 -0.19 0.00	27.48 -0.98 0.00	29.22 -0.67 0.00	31.85 -0.28 0.00	29.56 -0.29 0.00	32.60 -0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.51 1.63 0.00	42.95 1.25 0.00	41.79 1.18 0.00	41.03 1.13 0.00	41.20 1.16 0.00	38.03 1.32 0.00	42.34 1.60 0.00	40.71 1.72 0.00	39.27 1.71 0.00	38.70 1.65 0.00	43.92 1.94 0.00	40.97 1.79 0.00	41.25 1.81 0.00	36.01 1.49 0.00	34.52 1.45 0.00	35.70 1.48 0.00	38.20 1.67 -0.44	34.59 1.60 -0.72	36.78 1.70 -1.88	34.25 1.47 -4.32	32.19 1.55 -0.75	33.64 1.51 0.00	31.23 1.38 0.00	34.15 1.35 0.00
SWANROAD_115KV_TB1 355699	42.68 -1.20 0.00	41.19 -0.51 0.00	39.87 -0.74 0.00	39.32 -0.58 0.00	39.27 -0.77 0.00	35.00 -1.72 0.00	38.58 -2.15 0.00	36.31 -2.69 0.00	34.64 -2.92 0.00	34.32 -2.74 0.00	38.73 -3.25 0.00	36.19 -2.99 0.00	36.23 -3.21 0.00	31.60 -2.92 0.00	30.12 -2.95 0.00	31.10 -3.12 0.00	33.15 -3.01 -0.07	29.66 -2.72 -0.11	30.50 -3.00 -0.29	26.71 -2.45 -0.71	27.71 -2.31 -0.12	29.72 -2.40 0.00	27.78 -2.07 0.00	31.16 -1.64 0.00
SYNERGY___BIOGAS 323694	44.22 0.34 0.00	42.49 0.79 0.00	41.13 0.53 0.00	40.55 0.65 0.00	40.59 0.55 0.00	36.46 -0.25 0.00	40.44 -0.29 0.00	38.29 -0.71 0.00	36.63 -0.93 0.00	36.19 -0.86 0.00	40.76 -1.22 0.00	38.23 -0.95 0.00	38.10 -1.34 0.00	33.42 -1.09 0.00	31.94 -1.13 0.00	33.05 -1.17 0.00	35.19 -0.96 -0.06	31.53 -0.84 -0.10	32.44 -1.04 -0.27	28.29 -0.81 -0.64	29.32 -0.68 -0.11	31.40 -0.73 0.00	29.28 -0.57 0.00	32.56 -0.24 0.00
SYRACUSE___ENERGY_ST1 323597	43.25 -0.64 0.00	41.14 -0.56 0.00	40.01 -0.59 0.00	39.37 -0.53 0.00	39.49 -0.54 0.00	36.17 -0.54 0.00	40.15 -0.58 0.00	38.39 -0.61 0.00	36.96 -0.60 0.00	36.45 -0.60 0.00	41.29 -0.68 0.00	38.56 -0.62 0.00	38.85 -0.60 0.00	34.04 -0.48 0.00	32.55 -0.51 0.00	33.76 -0.46 0.00	35.63 -0.51 -0.05	31.89 -0.46 -0.08	32.94 -0.49 -0.21	28.58 -0.36 -0.49	29.66 -0.31 -0.08	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	43.25 -0.64 0.00	41.14 -0.56 0.00	40.01 -0.59 0.00	39.37 -0.53 0.00	39.49 -0.54 0.00	36.17 -0.54 0.00	40.15 -0.58 0.00	38.39 -0.61 0.00	36.96 -0.60 0.00	36.45 -0.60 0.00	41.29 -0.68 0.00	38.56 -0.62 0.00	38.85 -0.60 0.00	34.04 -0.48 0.00	32.55 -0.51 0.00	33.76 -0.46 0.00	35.63 -0.51 -0.05	31.89 -0.46 -0.08	32.94 -0.49 -0.21	28.58 -0.36 -0.49	29.66 -0.31 -0.08	31.88 -0.25 0.00	29.62 -0.23 0.00	32.53 -0.27 0.00
SYRACUSE___POWER 24017	43.22 -0.67 0.00	41.12 -0.58 0.00	40.00 -0.60 0.00	39.35 -0.55 0.00	39.46 -0.58 0.00	36.16 -0.55 0.00	40.14 -0.59 0.00	38.40 -0.60 0.00	36.98 -0.57 0.00	36.47 -0.59 0.00	41.27 -0.71 0.00	38.56 -0.62 0.00	38.86 -0.58 0.00	34.06 -0.46 0.00	32.59 -0.48 0.00	33.77 -0.45 0.00	35.63 -0.51 -0.05	31.90 -0.46 -0.09	32.94 -0.50 -0.23	28.60 -0.38 -0.52	29.65 -0.33 -0.09	31.85 -0.28 0.00	29.60 -0.25 0.00	32.50 -0.30 0.00
TALLMAN_138KV_BK151 55660	45.60 1.72 0.00	42.99 1.30 0.00	41.81 1.20 0.00	41.05 1.16 0.00	41.22 1.19 0.00	38.12 1.40 0.00	42.45 1.71 0.00	40.84 1.85 0.00	39.42 1.86 0.00	38.82 1.77 0.00	44.08 2.11 0.00	41.15 1.98 0.00	41.46 2.02 0.00	36.16 1.65 0.00	34.64 1.58 0.00	35.84 1.61 0.00	38.37 1.83 -0.45	34.76 1.75 -0.75	36.97 1.83 -1.93	34.50 1.60 -4.45	32.36 1.70 -0.77	33.78 1.66 0.00	31.37 1.52 0.00	34.32 1.52 0.00
TEALLAVE_115KV_TB7 355573	43.06 -0.83 0.00	40.96 -0.74 0.00	39.87 -0.75 0.00	39.20 -0.69 0.00	39.33 -0.70 0.00	36.03 -0.68 0.00	39.99 -0.75 0.00	38.24 -0.75 0.00	36.86 -0.70 0.00	36.36 -0.70 0.00	41.13 -0.86 0.00	38.43 -0.75 0.00	38.71 -0.73 0.00	33.93 -0.59 0.00	32.47 -0.59 0.00	33.64 -0.58 0.00	35.47 -0.66 -0.04	31.74 -0.60 -0.07	32.75 -0.65 -0.19	28.37 -0.51 -0.43	29.50 -0.47 -0.08	31.72 -0.41 0.00	29.48 -0.37 0.00	32.38 -0.42 0.00
TELGRAPH_34_KV_EAST 80808	43.48 -0.41 0.00	41.85 0.15 0.00	40.50 -0.10 0.00	39.95 0.05 0.00	39.94 -0.09 0.00	35.74 -0.97 0.00	39.54 -1.20 0.00	37.32 -1.68 0.00	35.65 -1.91 0.00	35.29 -1.76 0.00	39.82 -2.16 0.00	37.23 -1.95 0.00	37.21 -2.23 0.00	32.53 -1.99 0.00	31.03 -2.04 0.00	32.08 -2.15 0.00	34.15 -2.01 -0.07	30.58 -1.80 -0.11	31.46 -2.04 -0.28	27.49 -1.63 -0.67	28.51 -1.50 -0.12	30.56 -1.57 0.00	28.52 -1.33 0.00	31.84 -0.96 0.00
TEMPLE___115KV_TB 2 55572	43.06 -0.83 0.00	40.96 -0.74 0.00	39.86 -0.75 0.00	39.20 -0.69 0.00	39.33 -0.70 0.00	36.03 -0.68 0.00	39.99 -0.75 0.00	38.24 -0.76 0.00	36.85 -0.71 0.00	36.35 -0.71 0.00	41.13 -0.86 0.00	38.43 -0.75 0.00	38.70 -0.74 0.00	33.93 -0.59 0.00	32.47 -0.59 0.00	33.64 -0.58 0.00	35.47 -0.66 -0.04	31.74 -0.60 -0.07	32.75 -0.65 -0.19	28.40 -0.50 -0.44	29.51 -0.46 -0.08	31.72 -0.41 0.00	29.49 -0.36 0.00	32.39 -0.41 0.00
TIANA___69_KV_BK 1 55817	46.07 2.18 0.00	43.16 1.46 0.00	41.79 1.18 0.00	41.11 1.21 0.00	41.31 1.28 0.00	38.63 1.91 0.00	42.54 1.80 0.00	40.86 1.86 0.00	39.57 1.86 -0.15	40.38 1.99 -1.34	58.43 2.92 -13.52	42.37 3.19 0.00	42.64 3.19 -0.01	36.95 2.43 0.00	35.08 2.01 0.00	37.20 1.85 -1.13	38.79 1.89 -0.81	35.35 2.06 -1.02	37.75 2.20 -2.33	35.16 2.09 -4.62	32.98 2.28 -0.80	34.68 2.55 0.00	32.21 2.36 0.00	35.35 2.55 0.00



TILDEN___115KV_TB1 80814	43.22 -0.67 0.00	41.12 -0.58 0.00	40.00 -0.60 0.00	39.35 -0.55 0.00	39.46 -0.58 0.00	36.16 -0.55 0.00	40.14 -0.59 0.00	38.40 -0.60 0.00	36.98 -0.57 0.00	36.47 -0.59 0.00	41.27 -0.71 0.00	38.56 -0.62 0.00	38.86 -0.58 0.00	34.06 -0.46 0.00	32.59 -0.48 0.00	33.77 -0.45 0.00	35.63 -0.51 -0.05	31.90 -0.46 -0.09	32.94 -0.50 -0.23	28.60 -0.38 -0.52	29.65 -0.33 -0.09	31.85 -0.28 0.00	29.60 -0.25 0.00	32.50 -0.30 0.00
TRIGEN___CC 323695	46.07 2.19 0.00	43.36 1.67 0.00	42.07 1.46 0.00	41.33 1.44 0.00	41.53 1.50 0.00	38.53 1.82 0.00	42.70 1.96 0.00	40.96 1.96 0.00	39.52 1.96 0.00	39.04 1.99 0.00	69.33 2.70 -24.66	41.90 2.71 -0.01	42.18 2.72 -0.01	36.63 2.11 0.00	34.90 1.84 0.00	36.00 1.78 0.00	38.52 1.97 -0.47	35.01 1.96 -0.78	37.27 2.05 -2.01	34.91 1.84 -4.62	32.69 2.00 -0.80	34.23 2.11 0.00	31.81 1.95 0.00	34.80 2.00 0.00
TRINITY___115KV___4 BK 55933	45.02 1.13 0.00	42.70 1.00 0.00	41.61 1.00 0.00	40.84 0.94 0.00	41.03 0.99 0.00	37.73 1.01 0.00	41.82 1.09 0.00	40.07 1.08 0.00	38.63 1.07 0.00	38.07 1.01 0.00	43.07 1.09 0.00	40.20 1.02 0.00	40.46 1.02 0.00	35.41 0.88 0.00	33.94 0.87 0.00	35.11 0.89 0.00	37.64 0.99 -0.57	34.09 0.88 -0.94	36.58 0.93 -2.44	34.87 0.79 -5.63	31.74 0.87 -0.98	32.97 0.85 0.00	30.69 0.84 0.00	33.73 0.93 0.00
UNION___PROCESSING_DRP 323587	43.53 -0.36 0.00	41.66 -0.03 0.00	40.41 -0.20 0.00	39.81 -0.09 0.00	39.89 -0.15 0.00	36.13 -0.59 0.00	40.08 -0.65 0.00	38.05 -0.95 0.00	36.46 -1.10 0.00	36.07 -0.99 0.00	40.74 -1.24 0.00	38.12 -1.06 0.00	38.22 -1.22 0.00	33.46 -1.06 0.00	32.03 -1.04 0.00	33.14 -1.09 0.00	35.13 -1.01 -0.06	31.45 -0.91 -0.09	32.41 -1.04 -0.24	28.18 -0.82 -0.55	29.22 -0.76 -0.09	31.34 -0.79 0.00	29.19 -0.66 0.00	32.29 -0.51 0.00
UPPER HUDSON___HYD 24058	46.04 2.16 0.00	43.57 1.87 0.00	42.37 1.76 0.00	41.63 1.73 0.00	41.84 1.80 0.00	38.48 1.77 0.00	42.84 2.10 0.00	41.10 2.10 0.00	39.63 2.07 0.00	39.02 1.96 0.00	44.22 2.24 0.00	41.22 2.04 0.00	41.47 2.03 0.00	36.17 1.65 0.00	34.70 1.63 0.00	36.00 1.77 0.00	38.64 1.96 -0.59	35.04 1.80 -0.98	37.60 1.85 -2.54	35.76 1.47 -5.84	32.43 1.53 -1.02	33.59 1.46 0.00	31.14 1.30 0.00	34.22 1.42 0.00
UPPER RAQUET___HYD 24056	44.97 1.08 0.00	43.39 1.69 0.00	42.01 1.41 0.00	41.23 1.34 0.00	41.14 1.11 0.00	36.97 0.25 0.00	40.84 0.10 0.00	38.87 -0.12 0.00	37.13 -0.43 0.00	37.15 0.10 0.00	42.20 0.22 0.00	39.04 -0.13 0.00	39.29 -0.15 0.00	34.38 -0.14 0.00	32.90 -0.16 0.00	33.97 -0.25 0.00	35.36 -0.74 -0.01	31.82 -0.46 -0.02	32.71 -0.54 -0.04	27.22 -1.32 -0.09	28.84 -1.06 -0.02	31.67 -0.46 0.00	29.42 -0.43 0.00	32.63 -0.17 0.00
VALLEY44_115KV_TB2 355964	43.27 -0.62 0.00	41.41 -0.29 0.00	40.17 -0.44 0.00	39.63 -0.27 0.00	39.70 -0.34 0.00	35.62 -1.09 0.00	39.54 -1.20 0.00	37.45 -1.55 0.00	35.73 -1.83 0.00	35.45 -1.60 0.00	40.16 -1.82 0.00	37.53 -1.65 0.00	37.50 -1.94 0.00	32.82 -1.70 0.00	31.38 -1.69 0.00	32.40 -1.82 0.00	34.06 -2.12 -0.09	30.48 -1.93 -0.14	31.47 -2.12 -0.38	27.62 -1.71 -0.88	28.53 -1.51 -0.15	30.50 -1.63 0.00	28.58 -1.27 0.00	31.81 -0.99 0.00
VALLEY___115KV_TB 1-4 80826	46.01 2.12 0.00	43.65 1.95 0.00	42.48 1.87 0.00	41.75 1.85 0.00	41.93 1.89 0.00	38.55 1.84 0.00	42.80 2.06 0.00	41.04 2.04 0.00	39.50 1.94 0.00	38.85 1.80 0.00	43.91 1.93 0.00	40.99 1.82 0.00	41.17 1.73 0.00	36.03 1.51 0.00	34.54 1.47 0.00	35.89 1.66 0.00	37.94 1.85 0.00	33.96 1.69 0.00	34.53 1.33 0.00	29.57 1.12 0.00	31.15 1.26 0.00	33.39 1.26 0.00	31.03 1.19 0.00	33.97 1.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.53 1.64 0.00	43.20 1.50 0.00	42.06 1.45 0.00	41.33 1.43 0.00	41.50 1.46 0.00	38.03 1.32 0.00	42.31 1.58 0.00	40.56 1.56 0.00	39.09 1.53 0.00	38.54 1.49 0.00	43.75 1.77 0.00	40.74 1.56 0.00	40.96 1.52 0.00	35.86 1.34 0.00	34.31 1.24 0.00	35.56 1.34 0.00	37.77 1.48 -0.21	33.91 1.31 -0.34	35.48 1.39 -0.89	31.68 1.19 -2.04	31.51 1.27 -0.36	33.43 1.30 0.00	31.05 1.20 0.00	34.05 1.25 0.00
VISCHER___FERRY HYD 24020	45.56 1.67 0.00	43.19 1.49 0.00	42.07 1.46 0.00	41.28 1.38 0.00	41.49 1.46 0.00	38.12 1.41 0.00	42.34 1.60 0.00	40.55 1.55 0.00	39.08 1.53 0.00	38.51 1.45 0.00	43.63 1.65 0.00	40.70 1.52 0.00	40.95 1.50 0.00	35.79 1.26 0.00	34.33 1.26 0.00	35.53 1.31 0.00	38.10 1.43 -0.57	34.52 1.30 -0.96	37.06 1.37 -2.48	35.30 1.14 -5.71	32.13 1.24 -0.99	33.35 1.22 0.00	31.00 1.16 0.00	34.03 1.23 0.00
V_A_10_SYNC_DSASP 323832	42.93 -0.96 0.00	41.25 -0.45 0.00	39.97 -0.63 0.00	39.42 -0.48 0.00	39.44 -0.60 0.00	35.43 -1.28 0.00	39.21 -1.53 0.00	37.01 -1.98 0.00	35.35 -2.21 0.00	35.02 -2.04 0.00	39.57 -2.41 0.00	36.97 -2.21 0.00	37.06 -2.38 0.00	32.38 -2.14 0.00	30.93 -2.14 0.00	31.95 -2.28 0.00	33.90 -2.25 -0.06	30.33 -2.04 -0.10	31.25 -2.22 -0.26	27.27 -1.80 -0.62	28.29 -1.71 -0.11	30.33 -1.79 0.00	28.34 -1.51 0.00	31.52 -1.28 0.00
V_CMM_10_SYNC_DSASP 323787	44.80 0.92 0.00	43.24 1.54 0.00	41.88 1.27 0.00	41.14 1.25 0.00	41.19 1.15 0.00	37.22 0.51 0.00	41.29 0.55 0.00	39.27 0.28 0.00	37.31 -0.25 0.00	37.12 0.06 0.00	42.09 0.11 0.00	38.96 -0.22 0.00	39.23 -0.21 0.00	34.22 -0.30 0.00	32.73 -0.34 0.00	33.83 -0.39 0.00	35.61 -0.48 0.00	32.21 -0.06 0.00	33.19 -0.02 0.00	27.62 -0.83 0.00	29.38 -0.51 0.00	32.03 -0.09 0.00	29.73 -0.12 0.00	32.80 -0.01 0.00
V_CMP_10_SYNC_DSASP 323788	45.58 1.69 0.00	43.83 2.14 0.00	42.54 1.94 0.00	41.85 1.95 0.00	41.90 1.86 0.00	37.97 1.26 0.00	42.11 1.38 0.00	40.13 1.14 0.00	38.16 0.60 0.00	37.76 0.70 0.00	42.95 0.97 0.00	39.76 0.58 0.00	40.07 0.62 0.00	34.88 0.36 0.00	33.41 0.35 0.00	34.63 0.40 0.00	36.45 0.36 0.00	32.85 0.58 0.00	33.79 0.58 0.00	27.69 -0.76 0.00	29.07 -0.82 0.00	31.72 -0.40 0.00	29.36 -0.49 0.00	32.67 -0.13 0.00
V_D_10_SYNC_DSASP 323841	45.16 1.27 0.00	43.59 1.90 0.00	42.21 1.60 0.00	41.47 1.57 0.00	41.50 1.46 0.00	37.47 0.76 0.00	41.54 0.80 0.00	39.51 0.51 0.00	37.55 -0.01 0.00	37.39 0.34 0.00	42.40 0.42 0.00	39.24 0.06 0.00	39.51 0.06 0.00	34.49 -0.03 0.00	32.99 -0.08 0.00	34.10 -0.13 0.00	35.84 -0.25 0.00	32.40 0.13 0.00	33.36 0.15 0.00	27.76 -0.69 0.00	29.52 -0.37 0.00	32.22 0.10 0.00	29.91 0.06 0.00	33.02 0.22 0.00
V_E_10_SYNC_DSASP 323830	44.80 0.91 0.00	42.76 1.06 0.00	41.66 1.05 0.00	40.91 1.01 0.00	41.14 1.10 0.00	38.01 1.30 0.00	42.40 1.66 0.00	40.53 1.53 0.00	39.07 1.51 0.00	38.44 1.39 0.00	43.54 1.56 0.00	40.28 1.10 0.00	40.55 1.10 0.00	35.80 1.28 0.00	34.11 1.04 0.00	36.16 1.93 0.00	38.27 2.03 -0.15	33.26 0.74 -0.25	34.33 0.47 -0.65	30.59 0.65 -1.49	30.78 0.63 -0.26	33.48 1.36 0.00	31.01 1.16 0.00	33.34 0.54 0.00



V_F_30_NSYNC___DSASP 323816	46.05 2.16 0.00	43.64 1.95 0.00	42.49 1.88 0.00	41.73 1.83 0.00	41.93 1.89 0.00	38.52 1.81 0.00	42.85 2.11 0.00	41.06 2.07 0.00	39.56 2.01 0.00	38.98 1.93 0.00	44.17 2.19 0.00	41.20 2.02 0.00	41.44 2.00 0.00	36.19 1.67 0.00	34.74 1.67 0.00	36.00 1.78 0.00	38.61 1.93 -0.59	34.99 1.74 -0.98	37.55 1.82 -2.53	35.77 1.49 -5.83	32.49 1.59 -1.01	33.70 1.57 0.00	31.30 1.45 0.00	34.35 1.54 0.00
V_F_30_SYNC_DSASP 323786	45.20 1.31 0.00	42.88 1.18 0.00	41.77 1.16 0.00	40.99 1.10 0.00	41.19 1.15 0.00	37.89 1.18 0.00	42.02 1.28 0.00	40.27 1.28 0.00	38.82 1.26 0.00	38.26 1.21 0.00	43.29 1.31 0.00	40.40 1.23 0.00	40.68 1.24 0.00	35.60 1.08 0.00	34.12 1.06 0.00	35.29 1.07 0.00	37.84 1.19 -0.57	34.28 1.07 -0.94	36.77 1.11 -2.45	35.03 0.94 -5.64	31.88 1.01 -0.98	33.12 0.99 0.00	30.83 0.98 0.00	33.88 1.08 0.00
V_XM_10_SYNC_DSASP 323789	45.58 1.69 0.00	43.83 2.14 0.00	42.54 1.94 0.00	41.85 1.95 0.00	41.90 1.86 0.00	37.97 1.26 0.00	42.11 1.38 0.00	40.13 1.14 0.00	38.16 0.60 0.00	37.76 0.70 0.00	42.95 0.97 0.00	39.76 0.58 0.00	40.07 0.62 0.00	34.88 0.36 0.00	33.41 0.35 0.00	34.63 0.40 0.00	36.45 0.36 0.00	32.85 0.58 0.00	33.79 0.58 0.00	27.69 -0.76 0.00	29.07 -0.82 0.00	31.72 -0.40 0.00	29.36 -0.49 0.00	32.67 -0.13 0.00
W.BABYLN_69_KV_BK1 56697	46.68 2.79 0.00	43.83 2.13 0.00	42.46 1.85 0.00	41.73 1.83 0.00	41.98 1.94 0.00	39.03 2.32 0.00	43.16 2.42 0.00	41.40 2.40 0.00	39.97 2.37 -0.04	39.88 2.47 -0.36	60.91 3.37 -15.56	42.68 3.49 0.00	42.95 3.50 -0.01	37.23 2.71 0.00	35.37 2.30 0.00	36.76 2.24 -0.30	39.08 2.43 -0.56	35.55 2.45 -0.84	37.86 2.55 -2.09	35.37 2.29 -4.62	33.19 2.50 -0.80	34.82 2.69 0.00	32.34 2.49 0.00	35.38 2.57 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.84 1.95 0.00	43.22 1.52 0.00	42.03 1.42 0.00	41.27 1.37 0.00	41.45 1.41 0.00	38.32 1.61 0.00	42.69 1.95 0.00	41.08 2.08 0.00	39.64 2.08 0.00	39.06 2.00 0.00	44.36 2.38 0.00	41.40 2.22 0.00	41.71 2.27 0.00	36.39 1.87 0.00	34.86 1.79 0.00	36.04 1.82 0.00	38.60 2.05 -0.45	34.97 1.94 -0.75	37.19 2.04 -1.95	34.71 1.77 -4.48	32.55 1.88 -0.78	33.97 1.85 0.00	31.54 1.70 0.00	34.50 1.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.94 2.05 0.00	43.31 1.61 0.00	42.11 1.50 0.00	41.35 1.45 0.00	41.50 1.46 0.00	38.41 1.69 0.00	42.79 2.05 0.00	41.24 2.24 0.00	39.76 2.27 0.06	39.27 2.22 0.00	44.60 2.62 0.00	41.67 2.49 0.00	41.97 2.53 0.00	36.61 2.09 0.00	35.05 1.98 0.00	36.19 1.97 0.00	38.75 2.20 -0.47	35.11 2.07 -0.78	37.37 2.15 -2.01	34.93 1.86 -4.62	32.67 1.98 -0.80	34.09 1.96 0.00	31.64 1.79 0.00	34.61 1.80 0.00
W50THST__13_KV_LOAD 356117	46.09 2.20 0.00	43.46 1.76 0.00	42.24 1.63 0.00	41.48 1.58 0.00	41.63 1.60 0.00	38.53 1.82 0.00	42.95 2.21 0.00	41.40 2.40 0.00	39.93 2.43 0.06	39.44 2.38 0.00	44.80 2.83 0.00	41.85 2.67 0.00	42.16 2.72 0.00	36.78 2.26 0.00	35.20 2.13 0.00	36.36 2.14 0.00	38.92 2.37 -0.47	35.26 2.22 -0.78	37.51 2.29 -2.01	35.04 1.97 -4.62	32.79 2.10 -0.80	34.20 2.07 0.00	31.75 1.90 0.00	34.72 1.92 0.00
WADING RIVER_IC_1 23522	46.15 2.27 0.00	43.28 1.58 0.00	41.88 1.28 0.00	41.22 1.32 0.00	41.42 1.38 0.00	38.70 1.98 0.00	42.63 1.89 0.00	40.94 1.94 0.00	39.63 1.92 -0.15	40.42 2.02 -1.35	58.45 2.96 -13.51	42.39 3.20 0.00	42.66 3.22 -0.01	36.99 2.47 0.00	35.10 2.03 0.00	37.22 1.86 -1.14	38.76 1.86 -0.81	35.31 2.02 -1.02	37.71 2.16 -2.34	35.15 2.08 -4.62	32.98 2.29 -0.80	34.67 2.54 0.00	32.21 2.36 0.00	35.30 2.49 0.00
WADING RIVER_IC_2 23547	46.15 2.27 0.00	43.28 1.58 0.00	41.88 1.28 0.00	41.22 1.32 0.00	41.42 1.38 0.00	38.70 1.98 0.00	42.63 1.89 0.00	40.94 1.94 0.00	39.63 1.92 -0.15	40.42 2.02 -1.35	58.45 2.96 -13.51	42.39 3.20 0.00	42.66 3.22 -0.01	36.99 2.47 0.00	35.10 2.03 0.00	37.22 1.86 -1.14	38.76 1.86 -0.81	35.31 2.02 -1.02	37.71 2.16 -2.34	35.15 2.08 -4.62	32.98 2.29 -0.80	34.67 2.54 0.00	32.21 2.36 0.00	35.30 2.49 0.00
WADING RIVER_IC_3 23601	46.15 2.27 0.00	43.28 1.58 0.00	41.88 1.28 0.00	41.22 1.32 0.00	41.42 1.38 0.00	38.70 1.98 0.00	42.63 1.89 0.00	40.94 1.94 0.00	39.63 1.92 -0.15	40.42 2.02 -1.35	58.45 2.96 -13.51	42.39 3.20 0.00	42.66 3.22 -0.01	36.99 2.47 0.00	35.10 2.03 0.00	37.22 1.86 -1.14	38.76 1.86 -0.81	35.31 2.02 -1.02	37.71 2.16 -2.34	35.15 2.08 -4.62	32.98 2.29 -0.80	34.67 2.54 0.00	32.21 2.36 0.00	35.30 2.49 0.00
WALDENNY_12_KV_BK2 80841	43.49 -0.40 0.00	41.82 0.12 0.00	40.48 -0.13 0.00	39.96 0.06 0.00	39.95 -0.09 0.00	35.79 -0.93 0.00	39.69 -1.05 0.00	37.44 -1.56 0.00	35.73 -1.83 0.00	35.40 -1.65 0.00	39.98 -2.00 0.00	37.35 -1.83 0.00	37.35 -2.09 0.00	32.53 -2.00 0.00	31.00 -2.07 0.00	32.01 -2.21 0.00	34.00 -2.17 -0.08	30.44 -1.95 -0.12	31.35 -2.18 -0.32	27.45 -1.77 -0.77	28.42 -1.61 -0.13	30.41 -1.72 0.00	28.39 -1.46 0.00	31.70 -1.11 0.00
WALDEN___HYDRO 24148	45.73 1.84 0.00	43.17 1.48 0.00	41.99 1.38 0.00	41.23 1.33 0.00	41.39 1.36 0.00	38.21 1.50 0.00	42.54 1.81 0.00	40.93 1.93 0.00	39.48 1.92 0.00	38.91 1.85 0.00	44.17 2.19 0.00	41.20 2.02 0.00	41.48 2.04 0.00	36.21 1.69 0.00	34.70 1.64 0.00	35.91 1.69 0.00	38.44 1.90 -0.45	34.83 1.81 -0.75	37.06 1.90 -1.95	34.57 1.64 -4.48	32.39 1.72 -0.78	33.83 1.70 0.00	31.39 1.54 0.00	34.34 1.54 0.00
WARRENSBURG____ 23737	46.04 2.16 0.00	43.56 1.87 0.00	42.38 1.77 0.00	41.64 1.74 0.00	41.84 1.80 0.00	38.48 1.77 0.00	42.84 2.10 0.00	41.10 2.10 0.00	39.63 2.07 0.00	39.02 1.96 0.00	44.22 2.24 0.00	41.22 2.04 0.00	41.47 2.03 0.00	36.17 1.65 0.00	34.70 1.63 0.00	36.00 1.77 0.00	38.64 1.96 -0.59	35.05 1.80 -0.98	37.60 1.85 -2.54	35.76 1.47 -5.84	32.44 1.53 -1.02	33.59 1.46 0.00	31.15 1.30 0.00	34.22 1.42 0.00
WATERSIDE____6 8 9 23538	45.97 2.09 0.00	43.37 1.67 0.00	42.18 1.57 0.00	41.42 1.52 0.00	41.56 1.52 0.00	38.48 1.76 0.00	42.85 2.12 0.00	41.43 2.34 -0.10	41.22 2.39 -1.28	39.29 2.23 0.00	44.60 2.62 0.00	41.66 2.48 0.00	41.99 2.54 0.00	36.62 2.10 0.00	35.06 1.99 0.00	36.20 1.98 0.00	38.75 2.20 -0.47	35.13 2.09 -0.78	37.37 2.16 -2.01	34.95 1.88 -4.62	32.71 2.01 -0.80	34.11 1.99 0.00	31.66 1.82 0.00	34.63 1.83 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.43 1.54 0.00	43.11 1.41 0.00	41.97 1.36 0.00	41.24 1.34 0.00	41.41 1.37 0.00	38.05 1.34 0.00	42.24 1.51 0.00	40.49 1.49 0.00	38.97 1.41 0.00	38.37 1.32 0.00	43.39 1.41 0.00	40.51 1.33 0.00	40.71 1.27 0.00	35.63 1.11 0.00	34.14 1.07 0.00	35.43 1.21 0.00	37.44 1.35 0.00	33.49 1.23 0.00	34.24 1.03 0.00	29.32 0.87 0.00	30.87 0.98 0.00	33.11 0.98 0.00	30.76 0.91 0.00	33.71 0.91 0.00



WDELAWARE___HYD 323627	45.16 1.27 0.00	42.65 0.96 0.00	41.49 0.88 0.00	40.73 0.83 0.00	40.89 0.85 0.00	37.72 1.00 0.00	42.03 1.30 0.00	40.43 1.43 0.00	38.98 1.42 0.00	38.38 1.33 0.00	43.58 1.60 0.00	40.50 1.32 0.00	40.83 1.39 0.00	35.64 1.11 0.00	34.25 1.18 0.00	35.47 1.24 0.00	37.97 1.45 -0.42	34.39 1.42 -0.71	36.55 1.51 -1.83	33.96 1.29 -4.22	31.97 1.34 -0.73	33.41 1.28 0.00	31.00 1.15 0.00	33.88 1.08 0.00
WEST BABYLON___IC 23714	46.68 2.79 0.00	43.83 2.13 0.00	42.46 1.85 0.00	41.73 1.83 0.00	41.98 1.94 0.00	39.03 2.32 0.00	43.16 2.42 0.00	41.40 2.40 0.00	39.97 2.37 -0.04	39.88 2.47 -0.36	60.91 3.37 -15.56	42.68 3.49 0.00	42.95 3.50 -0.01	37.23 2.71 0.00	35.37 2.30 0.00	36.76 2.24 -0.30	39.08 2.43 -0.56	35.55 2.45 -0.84	37.86 2.55 -2.09	35.37 2.29 -4.62	33.19 2.50 -0.80	34.82 2.69 0.00	32.34 2.49 0.00	35.38 2.57 0.00
WEST CANADA___HYD 24049	44.06 0.18 0.00	41.87 0.17 0.00	40.77 0.16 0.00	40.06 0.16 0.00	40.20 0.16 0.00	36.86 0.15 0.00	40.91 0.17 0.00	39.18 0.18 0.00	37.75 0.18 0.00	37.23 0.18 0.00	42.19 0.21 0.00	39.37 0.20 0.00	39.64 0.20 0.00	34.69 0.17 0.00	33.23 0.16 0.00	34.39 0.17 0.00	36.26 0.17 0.00	32.37 0.17 0.00	33.31 0.10 0.00	28.52 0.07 0.00	30.01 0.12 0.00	32.26 0.13 0.00	29.97 0.12 0.00	32.91 0.10 0.00
WESTERN_NY_WIND 24143	44.18 0.29 0.00	42.45 0.75 0.00	41.09 0.49 0.00	40.51 0.61 0.00	40.55 0.52 0.00	36.42 -0.30 0.00	40.40 -0.34 0.00	38.23 -0.77 0.00	36.56 -1.00 0.00	36.13 -0.92 0.00	40.70 -1.28 0.00	38.16 -1.02 0.00	38.04 -1.40 0.00	33.37 -1.15 0.00	31.88 -1.19 0.00	32.99 -1.24 0.00	35.13 -1.03 -0.07	31.47 -0.91 -0.10	32.37 -1.12 -0.27	28.24 -0.86 -0.65	29.27 -0.73 -0.11	31.34 -0.79 0.00	29.22 -0.62 0.00	32.51 -0.29 0.00
WESTOVER___LESR 323668	43.55 -0.33 0.00	41.44 -0.25 0.00	40.32 -0.28 0.00	39.68 -0.22 0.00	39.78 -0.25 0.00	36.31 -0.40 0.00	40.42 -0.32 0.00	38.60 -0.40 0.00	37.09 -0.46 0.00	36.64 -0.41 0.00	41.49 -0.49 0.00	38.71 -0.47 0.00	38.95 -0.49 0.00	34.11 -0.41 0.00	32.57 -0.50 0.00	33.79 -0.43 0.00	35.70 -0.55 -0.15	32.04 -0.48 -0.26	33.39 -0.49 -0.67	29.58 -0.40 -1.53	29.85 -0.30 -0.27	31.76 -0.37 0.00	29.55 -0.29 0.00	32.54 -0.27 0.00
WETHRSFD_WT_PWR 323626	42.60 -1.29 0.00	40.86 -0.84 0.00	39.76 -0.85 0.00	39.31 -0.59 0.00	39.30 -0.73 0.00	35.46 -1.25 0.00	39.42 -1.32 0.00	37.31 -1.68 0.00	35.59 -1.97 0.00	35.13 -1.92 0.00	39.54 -2.44 0.00	36.82 -2.35 0.00	36.74 -2.71 0.00	31.75 -2.77 0.00	30.14 -2.93 0.00	30.98 -3.24 0.00	32.90 -3.28 -0.09	29.42 -2.97 -0.12	30.33 -3.21 -0.33	26.71 -2.63 -0.89	27.49 -2.56 -0.16	29.36 -2.76 0.00	27.40 -2.45 0.00	30.50 -2.30 0.00
WHAVSTOR_138KV_BK127 55557	45.59 1.70 0.00	42.99 1.29 0.00	41.81 1.20 0.00	41.04 1.15 0.00	41.22 1.18 0.00	38.10 1.39 0.00	42.44 1.70 0.00	40.83 1.83 0.00	39.39 1.83 0.00	38.81 1.76 0.00	44.07 2.10 0.00	41.14 1.97 0.00	41.45 2.00 0.00	36.16 1.64 0.00	34.63 1.56 0.00	35.81 1.58 0.00	38.34 1.80 -0.45	34.74 1.72 -0.75	36.96 1.80 -1.95	34.52 1.58 -4.49	32.35 1.67 -0.78	33.77 1.64 0.00	31.36 1.52 0.00	34.31 1.51 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.59 1.70 0.00	42.99 1.29 0.00	41.81 1.20 0.00	41.04 1.15 0.00	41.22 1.18 0.00	38.10 1.39 0.00	42.44 1.70 0.00	40.83 1.83 0.00	39.39 1.83 0.00	38.81 1.76 0.00	44.07 2.10 0.00	41.14 1.97 0.00	41.45 2.00 0.00	36.16 1.64 0.00	34.63 1.56 0.00	35.81 1.58 0.00	38.34 1.80 -0.45	34.74 1.72 -0.75	36.96 1.80 -1.95	34.52 1.58 -4.49	32.35 1.67 -0.78	33.77 1.64 0.00	31.36 1.52 0.00	34.31 1.51 0.00
WHITEHAL_115KV_TB1 80871	47.57 3.68 0.00	44.86 3.16 0.00	43.50 2.90 0.00	42.83 2.93 0.00	43.02 2.99 0.00	39.62 2.90 0.00	44.05 3.32 0.00	42.49 3.49 0.00	40.99 3.43 0.00	40.21 3.16 0.00	45.52 3.54 0.00	42.26 3.08 0.00	42.47 3.02 0.00	37.17 2.65 0.00	35.63 2.57 0.00	37.16 2.94 0.00	40.04 3.36 -0.59	36.35 3.10 -0.98	38.94 3.19 -2.54	36.75 2.46 -5.84	33.19 2.28 -1.02	34.26 2.14 0.00	31.63 1.78 0.00	34.75 1.94 0.00
WHITEPLN_13_KV_LOAD 356215	46.14 2.25 0.00	43.51 1.81 0.00	42.30 1.69 0.00	41.53 1.63 0.00	41.69 1.65 0.00	38.55 1.84 0.00	42.96 2.23 0.00	41.36 2.36 0.00	39.94 2.38 0.00	39.38 2.33 0.00	44.76 2.78 0.00	41.78 2.61 0.00	42.09 2.65 0.00	36.72 2.20 0.00	35.15 2.08 0.00	36.34 2.12 0.00	38.90 2.35 -0.46	35.27 2.22 -0.77	37.52 2.31 -2.00	35.05 1.99 -4.61	32.79 2.10 -0.80	34.22 2.09 0.00	31.77 1.92 0.00	34.75 1.95 0.00
WM_FLOYD_69_KV_BK2 356380	46.23 2.35 0.00	43.35 1.65 0.00	41.97 1.36 0.00	41.29 1.40 0.00	41.50 1.46 0.00	38.76 2.04 0.00	42.68 1.94 0.00	40.96 1.97 0.00	39.64 1.94 -0.15	40.37 2.03 -1.28	58.52 2.98 -13.56	42.41 3.22 0.00	42.68 3.24 -0.01	37.00 2.48 0.00	35.11 2.04 0.00	37.17 1.86 -1.08	38.75 1.87 -0.79	35.30 2.02 -1.01	37.66 2.14 -2.32	35.14 2.07 -4.62	32.98 2.28 -0.80	34.68 2.55 0.00	32.22 2.37 0.00	35.30 2.50 0.00
WOODARD___115KV_TB2 355635	43.01 -0.88 0.00	40.92 -0.78 0.00	39.82 -0.79 0.00	39.16 -0.74 0.00	39.29 -0.75 0.00	35.99 -0.73 0.00	39.93 -0.81 0.00	38.19 -0.81 0.00	36.78 -0.77 0.00	36.30 -0.76 0.00	41.08 -0.90 0.00	38.39 -0.79 0.00	38.65 -0.79 0.00	33.89 -0.63 0.00	32.43 -0.64 0.00	33.59 -0.64 0.00	35.44 -0.70 -0.04	31.71 -0.63 -0.07	32.71 -0.68 -0.19	28.35 -0.53 -0.43	29.46 -0.51 -0.08	31.69 -0.44 0.00	29.46 -0.39 0.00	32.35 -0.46 0.00
WOODMERE_69_KV_BK1 55827	46.53 2.64 0.00	43.77 2.07 0.00	42.44 1.84 0.00	41.69 1.79 0.00	41.91 1.87 0.00	38.87 2.16 0.00	43.08 2.35 0.00	41.31 2.31 0.00	39.86 2.30 0.00	39.41 2.35 0.00	68.40 3.14 -23.28	42.39 3.20 -0.01	42.69 3.24 -0.01	37.08 2.56 0.00	35.30 2.23 0.00	36.42 2.19 0.00	38.96 2.40 -0.47	35.42 2.38 -0.78	37.69 2.47 -2.01	35.27 2.20 -4.62	33.09 2.39 -0.80	34.64 2.51 0.00	32.18 2.33 0.00	35.20 2.40 0.00
YORK___WARBASSE 23770	45.97 2.08 0.00	43.41 1.72 0.00	42.26 1.65 0.00	41.50 1.60 0.00	41.64 1.60 0.00	38.56 1.85 0.00	42.89 2.15 0.00	41.44 2.34 -0.10	41.37 2.53 -1.28	39.30 2.24 0.00	44.61 2.62 0.00	41.66 2.48 0.00	41.98 2.54 0.00	36.61 2.10 0.00	35.07 2.00 0.00	36.20 1.98 0.00	38.78 2.23 -0.47	35.14 2.10 -0.78	37.40 2.18 -2.01	34.98 1.91 -4.62	32.73 2.04 -0.80	34.12 1.99 0.00	31.67 1.82 0.00	34.69 1.89 0.00