

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/21/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	32.85	27.80	26.49	25.52	28.31	35.49	46.20	38.69	30.81	28.13	31.44	31.92	29.41	31.50	32.93	39.82	48.98	44.93	42.41	38.24	40.41	40.88	40.34	40.43
24138	1.45	1.18	1.10	1.07	1.26	1.64	2.60	2.52	2.04	1.83	2.15	2.28	2.10	1.99	2.11	2.68	3.69	3.77	3.53	3.18	2.94	2.49	2.24	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.83	27.79	26.49	25.53	28.31	35.47	46.13	38.63	30.75	28.06	31.38	31.86	29.35	31.44	32.86	39.74	48.89	44.85	42.35	38.19	40.36	40.84	40.32	40.44
24260	1.43	1.17	1.11	1.09	1.26	1.62	2.53	2.46	1.99	1.76	2.09	2.22	2.04	1.94	2.04	2.59	3.59	3.69	3.47	3.13	2.90	2.45	2.22	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.83	27.79	26.49	25.53	28.31	35.47	46.13	38.63	30.75	28.06	31.38	31.86	29.35	31.44	32.86	39.74	48.89	44.85	42.35	38.19	40.36	40.84	40.32	40.44
24261	1.43	1.17	1.11	1.09	1.26	1.62	2.53	2.46	1.99	1.76	2.09	2.22	2.04	1.94	2.04	2.59	3.59	3.69	3.47	3.13	2.90	2.45	2.22	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.07	27.96	26.64	25.74	28.57	35.84	46.47	38.84	30.87	28.17	31.43	31.80	29.07	31.22	32.60	39.46	48.52	44.31	41.77	37.60	39.74	40.47	40.06	40.22
24011	1.67	1.35	1.26	1.29	1.51	1.99	2.87	2.67	2.11	1.86	2.14	2.16	1.77	1.71	1.78	2.32	3.22	3.14	2.89	2.54	2.28	2.07	1.96	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.22	28.09	26.76	25.89	28.75	36.07	46.80	39.13	31.09	28.34	31.63	32.03	29.27	31.49	32.88	39.77	48.95	44.73	42.16	37.91	39.96	40.69	40.31	40.48
23798	1.82	1.47	1.38	1.45	1.69	2.23	3.20	2.96	2.32	2.04	2.33	2.38	1.96	1.99	2.05	2.63	3.66	3.57	3.29	2.85	2.50	2.30	2.21	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.07	27.96	26.64	25.74	28.57	35.84	46.47	38.84	30.87	28.17	31.43	31.80	29.07	31.22	32.60	39.46	48.52	44.31	41.77	37.60	39.74	40.47	40.06	40.22
24028	1.67	1.35	1.26	1.29	1.51	1.99	2.87	2.67	2.11	1.86	2.14	2.16	1.77	1.71	1.78	2.32	3.22	3.14	2.89	2.54	2.28	2.07	1.96	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.56	27.60	26.32	25.38	28.17	35.24	45.43	37.90	30.04	27.34	30.70	31.03	28.53	30.85	32.57	39.29	47.84	43.80	41.29	37.24	39.63	40.47	40.08	40.33
23527	1.17	0.99	0.93	0.93	1.11	1.39	1.83	1.73	1.28	1.03	1.40	1.38	1.23	1.35	1.75	2.15	2.54	2.63	2.41	2.18	2.17	2.08	1.98	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.42	26.63	25.38	24.46	27.12	33.93	43.86	36.55	29.04	26.52	29.65	29.98	27.61	29.79	31.29	37.80	46.30	42.33	39.92	36.04	38.21	38.96	38.56	38.73
24190	0.03	0.01	0.00	0.02	0.07	0.07	0.26	0.38	0.27	0.22	0.36	0.33	0.31	0.28	0.46	0.66	1.00	1.16	1.04	0.98	0.75	0.57	0.46	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	31.92	27.08	25.85	24.86	27.50	34.39	44.17	36.42	28.98	26.51	29.39	29.68	27.45	29.81	30.97	37.15	44.82	40.12	38.13	34.35	37.05	38.50	38.29	38.74
355683	0.52	0.46	0.47	0.42	0.44	0.54	0.58	0.25	0.22	0.20	0.10	0.03	0.14	0.30	0.15	0.00	-0.48	-1.04	-0.75	-0.71	-0.41	0.11	0.19	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.13	27.22	25.93	24.98	27.70	34.67	44.81	37.35	29.67	27.09	30.21	30.54	28.13	30.39	31.92	38.62	47.36	43.27	40.82	36.84	39.06	39.83	39.49	39.70
323833	0.74	0.60	0.54	0.54	0.64	0.82	1.21	1.18	0.91	0.78	0.92	0.90	0.82	0.88	1.10	1.48	2.06	2.11	1.94	1.78	1.60	1.44	1.39	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.12	27.21	25.92	24.98	27.69	34.66	44.79	37.35	29.66	27.09	30.21	30.54	28.12	30.38	31.91	38.61	47.34	43.27	40.81	36.83	39.04	39.81	39.47	39.68
323834	0.73	0.60	0.54	0.53	0.63	0.80	1.19	1.17	0.90	0.78	0.92	0.90	0.81	0.87	1.09	1.46	2.04	2.11	1.93	1.77	1.58	1.42	1.37	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.42	26.63	25.38	24.46	27.12	33.93	43.86	36.55	29.04	26.52	29.65	29.98	27.61	29.79	31.29	37.80	46.30	42.33	39.92	36.04	38.21	38.96	38.56	38.73
23571	0.03	0.01	0.00	0.02	0.07	0.07	0.26	0.38	0.27	0.22	0.36	0.33	0.31	0.28	0.46	0.66	1.00	1.16	1.04	0.98	0.75	0.57	0.46	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.42 0.03 0.00	26.63 0.01 0.00	25.38 0.00 0.00	24.46 0.02 0.00	27.12 0.07 0.00	33.93 0.07 0.00	43.86 0.26 0.00	36.55 0.38 0.00	29.04 0.27 0.00	26.52 0.22 0.00	29.65 0.36 0.00	29.98 0.33 0.00	27.61 0.31 0.00	29.79 0.28 0.00	31.29 0.46 0.00	37.80 0.66 0.00	46.30 1.00 0.00	42.33 1.16 0.00	39.92 1.04 0.00	36.04 0.98 0.00	38.21 0.75 0.00	38.96 0.57 0.00	38.56 0.46 0.00	38.73 0.33 0.00
ALBANY___3 23573	31.42 0.03 0.00	26.63 0.01 0.00	25.38 0.00 0.00	24.46 0.02 0.00	27.12 0.07 0.00	33.93 0.07 0.00	43.86 0.26 0.00	36.55 0.38 0.00	29.04 0.27 0.00	26.52 0.22 0.00	29.65 0.36 0.00	29.98 0.33 0.00	27.61 0.31 0.00	29.79 0.28 0.00	31.29 0.46 0.00	37.80 0.66 0.00	46.30 1.00 0.00	42.33 1.16 0.00	39.92 1.04 0.00	36.04 0.98 0.00	38.21 0.75 0.00	38.96 0.57 0.00	38.56 0.46 0.00	38.73 0.33 0.00
ALBANY___4 23574	31.42 0.03 0.00	26.63 0.01 0.00	25.38 0.00 0.00	24.46 0.02 0.00	27.12 0.07 0.00	33.93 0.07 0.00	43.86 0.26 0.00	36.55 0.38 0.00	29.04 0.27 0.00	26.52 0.22 0.00	29.65 0.36 0.00	29.98 0.33 0.00	27.61 0.31 0.00	29.79 0.28 0.00	31.29 0.46 0.00	37.80 0.66 0.00	46.30 1.00 0.00	42.33 1.16 0.00	39.92 1.04 0.00	36.04 0.98 0.00	38.21 0.75 0.00	38.96 0.57 0.00	38.56 0.46 0.00	38.73 0.33 0.00
ALBANY___LFGE 323615	31.74 0.34 0.00	26.89 0.28 0.00	25.64 0.25 0.00	24.70 0.26 0.00	27.40 0.34 0.00	34.28 0.43 0.00	44.33 0.74 0.00	36.95 0.78 0.00	29.35 0.59 0.00	26.82 0.52 0.00	29.98 0.68 0.00	30.31 0.67 0.00	27.93 0.62 0.00	30.12 0.62 0.00	31.64 0.82 0.00	38.26 1.12 0.00	46.84 1.55 0.00	42.83 1.66 0.00	40.39 1.51 0.00	36.45 1.39 0.00	38.65 1.19 0.00	39.39 0.99 0.00	38.98 0.88 0.00	39.14 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	32.11 0.72 0.00	27.24 0.62 0.00	26.00 0.61 0.00	25.01 0.56 0.00	27.65 0.60 0.00	34.61 0.75 0.00	44.48 0.88 0.00	36.66 0.49 0.00	29.16 0.39 0.00	26.58 0.28 0.00	29.44 0.15 0.00	29.74 0.09 0.00	27.51 0.20 0.00	29.88 0.37 0.00	31.04 0.22 0.00	37.26 0.12 0.00	44.96 -0.33 0.00	39.84 -1.33 0.00	38.23 -0.65 0.00	34.46 -0.60 0.00	37.19 -0.28 0.00	38.76 0.36 0.00	38.41 0.31 0.00	38.87 0.47 0.00
ALCOA_RYNLDS___DRP 24188	32.11 0.72 0.00	27.24 0.62 0.00	26.00 0.61 0.00	25.01 0.56 0.00	27.65 0.60 0.00	34.61 0.75 0.00	44.48 0.88 0.00	36.66 0.49 0.00	29.16 0.39 0.00	26.58 0.28 0.00	29.44 0.15 0.00	29.74 0.09 0.00	27.51 0.20 0.00	29.88 0.37 0.00	31.04 0.22 0.00	37.26 0.12 0.00	44.96 -0.33 0.00	39.84 -1.33 0.00	38.23 -0.65 0.00	34.46 -0.60 0.00	37.19 -0.28 0.00	38.76 0.36 0.00	38.41 0.31 0.00	38.87 0.47 0.00
ALCOA___DSASP 323711	32.11 0.72 0.00	27.24 0.62 0.00	26.00 0.61 0.00	25.01 0.56 0.00	27.65 0.60 0.00	34.61 0.75 0.00	44.48 0.88 0.00	36.66 0.49 0.00	29.16 0.39 0.00	26.58 0.28 0.00	29.44 0.15 0.00	29.74 0.09 0.00	27.51 0.20 0.00	29.88 0.38 0.00	31.05 0.22 0.00	37.26 0.12 0.00	44.97 -0.33 0.00	39.83 -1.34 0.00	38.23 -0.65 0.00	34.46 -0.60 0.00	37.19 -0.27 0.00	38.76 0.36 0.00	38.41 0.31 0.00	38.87 0.47 0.00
ALLEGHENY___COGEN 23514	32.03 0.64 0.00	27.11 0.49 0.00	25.61 0.22 0.00	24.65 0.20 0.00	27.14 0.08 0.00	34.17 0.32 0.00	43.86 0.26 0.00	37.83 0.82 -0.84	29.50 0.73 0.00	27.12 0.81 0.00	30.32 1.03 0.00	30.61 0.96 0.00	27.82 0.51 0.00	32.37 0.08 -2.79	30.84 0.02 0.00	37.47 0.32 0.00	47.56 2.26 0.00	42.01 3.95 3.10	40.27 3.33 1.93	37.19 2.75 0.62	39.14 2.72 1.04	40.07 1.84 0.16	39.94 1.84 0.00	40.14 1.98 0.23
ALTAMONT_115KV_TB 2 55880	31.87 0.48 0.00	27.01 0.40 0.00	25.74 0.36 0.00	24.81 0.37 0.00	27.50 0.44 0.00	34.40 0.55 0.00	44.46 0.87 0.00	37.04 0.87 0.00	29.42 0.66 0.00	26.88 0.57 0.00	30.01 0.71 0.00	30.36 0.72 0.00	27.96 0.64 0.00	30.13 0.63 0.00	31.61 0.79 0.00	38.21 1.06 0.00	46.82 1.53 0.00	42.78 1.62 0.00	40.36 1.48 0.00	36.43 1.37 0.00	38.66 1.20 0.00	39.41 1.02 0.00	39.03 0.93 0.00	39.23 0.83 0.00
ALTONA_WT_PWR 323606	32.61 1.21 0.00	27.61 1.00 0.00	26.26 0.88 0.00	25.31 0.87 0.00	28.08 1.02 0.00	35.16 1.31 0.00	45.34 1.75 0.00	37.49 1.32 0.00	29.80 1.04 0.00	27.21 0.90 0.00	30.22 0.93 0.00	30.59 0.94 0.00	28.23 0.92 0.00	30.68 1.18 0.00	31.89 1.07 0.00	38.33 1.19 0.00	46.42 1.12 0.00	41.68 0.52 0.00	39.49 0.61 0.00	35.55 0.49 0.00	38.19 0.72 0.00	39.62 1.23 0.00	39.40 1.31 0.00	39.82 1.42 0.00
AMERICAN_REF_FUEL 24010	29.23 -2.17 0.00	24.78 -1.83 0.00	23.39 -2.00 0.00	22.47 -1.98 0.00	24.59 -2.46 0.00	30.88 -2.97 0.00	38.93 -4.66 0.00	30.89 -4.56 0.72	25.43 -3.33 0.00	23.85 -2.46 0.00	26.60 -2.69 0.00	27.10 -2.55 0.00	24.94 -2.37 0.00	19.14 -2.55 7.82	28.02 -2.81 0.00	33.43 -3.71 0.00	41.51 -3.79 0.00	32.26 -2.65 6.25	32.01 -2.96 3.91	30.91 -2.90 1.25	32.14 -3.22 2.11	33.86 -4.20 0.33	34.41 -3.69 0.00	34.96 -2.97 0.47
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.14 -0.25 0.00	26.37 -0.24 0.00	24.88 -0.50 0.00	23.95 -0.49 0.00	26.32 -0.73 0.00	32.93 -0.92 0.00	41.68 -1.92 0.00	33.19 -2.46 0.52	27.03 -1.73 0.00	25.17 -1.13 0.00	28.20 -1.09 0.00	28.89 -0.75 0.00	26.61 -0.70 0.00	18.28 -0.68 10.54	30.09 -0.73 0.00	35.97 -1.17 0.00	44.81 -0.49 0.00	33.09 0.21 8.29	33.44 -0.27 5.18	32.83 -0.57 1.66	33.79 -0.88 2.79	36.23 -1.72 0.44	36.69 -1.40 0.00	36.87 -0.90 0.62
ARTHUR KILL_GT_1 23520	32.78 1.38 0.00	27.73 1.12 0.00	26.44 1.05 0.00	25.45 1.01 0.00	28.26 1.20 0.00	35.48 1.63 0.00	46.14 2.54 0.00	38.53 2.36 0.00	30.64 1.88 0.00	27.87 1.57 0.00	31.29 2.00 0.00	31.74 2.10 0.00	29.23 1.92 0.00	31.24 1.74 0.00	31.61 1.82 1.03	39.39 2.26 0.01	48.64 3.34 0.00	44.74 3.57 0.00	42.25 3.37 0.00	38.10 3.04 0.00	40.25 2.79 0.00	40.70 2.31 0.00	40.18 2.08 0.00	40.34 1.95 0.00
ARTHUR_KILL_2 23512	32.69 1.29 0.00	27.66 1.05 0.00	26.37 0.99 0.00	25.38 0.94 0.00	28.18 1.12 0.00	35.38 1.53 0.00	46.00 2.40 0.00	38.42 2.25 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.22 1.93 0.00	31.66 2.02 0.00	29.15 1.85 0.00	31.16 1.66 0.00	31.53 1.74 1.03	39.28 2.15 0.01	48.49 3.20 0.00	44.59 3.43 0.00	42.11 3.24 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.05 1.95 0.00	40.22 1.82 0.00
ARTHUR_KILL_3 23513	32.48 1.08 0.00	27.50 0.88 0.00	26.22 0.83 0.00	25.25 0.81 0.00	28.02 0.96 0.00	35.11 1.26 0.00	45.69 2.09 0.00	38.23 2.06 0.00	30.40 1.64 0.00	27.73 1.42 0.00	30.99 1.69 0.00	31.48 1.83 0.00	28.99 1.68 0.00	31.03 1.53 0.00	31.39 1.61 1.04	38.95 2.08 0.27	48.12 2.96 0.14	44.29 3.12 0.00	41.83 2.95 0.00	37.72 2.66 0.00	39.86 2.40 0.00	40.37 1.98 0.00	39.82 1.73 0.00	39.94 1.55 0.00

ARTHUR_KILL_COGEN 323718	32.78 1.38 0.00	27.73 1.12 0.00	26.44 1.05 0.00	25.45 1.01 0.00	28.26 1.20 0.00	35.48 1.63 0.00	46.14 2.54 0.00	38.53 2.36 0.00	30.64 1.88 0.00	27.87 1.57 0.00	31.29 2.00 0.00	31.74 2.10 0.00	29.23 1.92 0.00	31.24 1.74 0.00	31.61 1.82 1.03	39.39 2.26 0.01	48.64 3.34 0.00	44.74 3.57 0.00	42.25 3.37 0.00	38.10 3.04 0.00	40.25 2.79 0.00	40.70 2.31 0.00	40.18 2.08 0.00	40.34 1.95 0.00
ASHOKAN____ 23654	32.67 1.27 0.00	27.65 1.04 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.17 1.11 0.00	35.31 1.46 0.00	45.80 2.20 0.00	38.23 2.06 0.00	30.37 1.61 0.00	27.65 1.35 0.00	30.77 1.48 0.00	31.06 1.42 0.00	28.52 1.22 0.00	30.76 1.26 0.00	32.43 1.61 0.00	39.51 2.37 0.00	48.81 3.51 0.00	44.82 3.66 0.00	42.29 3.41 0.00	38.19 3.13 0.00	40.40 2.94 0.00	41.03 2.64 0.00	40.55 2.45 0.00	40.65 2.25 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.49 1.10 0.00	27.54 0.92 0.00	26.31 0.93 0.00	25.32 0.87 0.00	27.98 0.92 0.00	35.15 1.30 0.00	45.71 2.11 0.00	38.34 2.17 0.00	30.53 1.77 0.00	27.82 1.51 0.00	31.12 1.82 0.00	31.60 1.95 0.00	29.14 1.83 0.00	31.15 1.65 0.00	32.61 1.78 0.00	39.36 2.22 0.00	48.47 3.17 0.00	44.47 3.31 0.00	41.97 3.09 0.00	37.90 2.84 0.00	39.99 2.54 0.00	40.50 2.11 0.00	39.91 1.81 0.00	40.04 1.64 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.49 1.10 0.00	27.54 0.92 0.00	26.31 0.93 0.00	25.31 0.87 0.00	27.98 0.92 0.00	35.15 1.30 0.00	45.71 2.11 0.00	38.34 2.17 0.00	30.53 1.77 0.00	27.82 1.51 0.00	31.12 1.82 0.00	31.60 1.95 0.00	29.14 1.83 0.00	31.15 1.65 0.00	32.60 1.78 0.00	39.36 2.22 0.00	48.47 3.17 0.00	44.47 3.31 0.00	41.97 3.09 0.00	37.91 2.85 0.00	39.99 2.54 0.00	40.50 2.11 0.00	39.91 1.81 0.00	40.04 1.64 0.00
ASTORIA_GT2_1 24094	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT2_2 24095	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT2_3 24096	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT2_4 24097	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT3_1 24098	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT3_2 24099	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT3_3 24100	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT3_4 24101	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT4_1 24102	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT4_2 24103	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT4_3 24104	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00

ASTORIA_GT4_4 24105	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.31 0.87 0.00	27.98 0.93 0.00	35.16 1.31 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.53 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.17 1.87 0.00	31.17 1.66 0.00	32.62 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.51 3.35 0.00	41.99 3.12 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.54 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA_GT_1 23523	32.57 1.18 0.00	27.59 0.97 0.00	26.36 0.98 0.00	25.36 0.91 0.00	28.03 0.97 0.00	35.23 1.37 0.00	45.83 2.23 0.00	38.44 2.26 0.00	30.61 1.85 0.00	27.88 1.58 0.00	31.20 1.91 0.00	31.68 2.03 0.00	29.22 1.91 0.00	31.23 1.73 0.00	32.69 1.87 0.00	39.46 2.32 0.00	48.60 3.30 0.00	44.59 3.43 0.00	42.08 3.20 0.00	38.00 2.94 0.00	40.10 2.64 0.00	40.61 2.22 0.00	40.01 1.91 0.00	40.15 1.75 0.00
ASTORIA_GT_10 24110	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.93 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.20 1.89 0.00	31.23 1.72 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.60 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
ASTORIA_GT_11 24225	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.93 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.20 1.89 0.00	31.23 1.72 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.60 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
ASTORIA_GT_12 24226	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.93 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.20 1.89 0.00	31.23 1.72 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.60 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
ASTORIA_GT_13 24227	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.93 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.20 1.89 0.00	31.23 1.72 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.60 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
ASTORIA_GT_5 24106	32.58 1.18 0.00	27.59 0.97 0.00	26.36 0.98 0.00	25.35 0.90 0.00	28.03 0.97 0.00	35.23 1.38 0.00	45.83 2.23 0.00	38.44 2.26 0.00	30.61 1.85 0.00	27.89 1.58 0.00	31.20 1.91 0.00	31.67 2.03 0.00	29.24 1.93 0.00	31.23 1.73 0.00	32.68 1.87 0.00	39.47 2.32 0.00	48.60 3.30 0.00	44.60 3.44 0.00	42.09 3.21 0.00	38.01 2.95 0.00	40.10 2.64 0.00	40.62 2.22 0.00	40.01 1.91 0.00	40.15 1.75 0.00
ASTORIA_GT_7 24107	32.58 1.18 0.00	27.59 0.97 0.00	26.36 0.98 0.00	25.35 0.90 0.00	28.03 0.97 0.00	35.23 1.38 0.00	45.83 2.23 0.00	38.44 2.26 0.00	30.61 1.85 0.00	27.89 1.58 0.00	31.20 1.91 0.00	31.67 2.03 0.00	29.24 1.93 0.00	31.23 1.73 0.00	32.68 1.87 0.00	39.47 2.32 0.00	48.60 3.30 0.00	44.60 3.44 0.00	42.09 3.21 0.00	38.01 2.95 0.00	40.10 2.64 0.00	40.62 2.22 0.00	40.01 1.91 0.00	40.15 1.75 0.00
ASTORIA_GT_8 24108	32.58 1.18 0.00	27.59 0.97 0.00	26.36 0.98 0.00	25.35 0.90 0.00	28.03 0.97 0.00	35.23 1.38 0.00	45.83 2.23 0.00	38.44 2.26 0.00	30.61 1.85 0.00	27.89 1.58 0.00	31.20 1.91 0.00	31.67 2.03 0.00	29.24 1.93 0.00	31.23 1.73 0.00	32.68 1.87 0.00	39.47 2.32 0.00	48.60 3.30 0.00	44.60 3.44 0.00	42.09 3.21 0.00	38.01 2.95 0.00	40.10 2.64 0.00	40.62 2.22 0.00	40.01 1.91 0.00	40.15 1.75 0.00
ASTORIA___2 24149	32.52 1.12 0.00	27.55 0.94 0.00	26.33 0.94 0.00	25.32 0.88 0.00	27.98 0.93 0.00	35.17 1.32 0.00	45.74 2.14 0.00	38.36 2.19 0.00	30.55 1.79 0.00	27.83 1.52 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.16 1.85 0.00	31.17 1.67 0.00	32.61 1.80 0.00	39.37 2.23 0.00	48.50 3.20 0.00	44.50 3.34 0.00	41.99 3.11 0.00	37.92 2.86 0.00	40.02 2.56 0.00	40.53 2.14 0.00	39.93 1.84 0.00	40.07 1.67 0.00
ASTORIA___3 23516	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.94 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.19 1.88 0.00	31.23 1.73 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.59 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
ASTORIA___4 23517	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.93 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.20 1.89 0.00	31.23 1.72 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.60 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
ASTORIA___5 23518	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.94 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.19 1.88 0.00	31.23 1.73 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.59 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
AST_ENERGY_2_CC3 323677	32.54 1.15 0.00	27.55 0.94 0.00	26.28 0.89 0.00	25.33 0.89 0.00	28.07 1.01 0.00	35.18 1.33 0.00	45.77 2.17 0.00	38.30 2.13 0.00	30.48 1.71 0.00	27.82 1.51 0.00	31.11 1.82 0.00	31.61 1.96 0.00	29.11 1.80 0.00	31.17 1.67 0.00	32.57 1.75 0.00	39.38 2.24 0.00	48.44 3.14 0.00	44.44 3.27 0.00	41.96 3.09 0.00	37.86 2.80 0.00	40.00 2.54 0.00	40.49 2.10 0.00	39.96 1.86 0.00	40.07 1.68 0.00
AST_ENERGY_2_CC4 323678	32.54 1.15 0.00	27.55 0.94 0.00	26.28 0.89 0.00	25.33 0.89 0.00	28.07 1.01 0.00	35.18 1.33 0.00	45.77 2.17 0.00	38.30 2.13 0.00	30.48 1.71 0.00	27.82 1.51 0.00	31.11 1.82 0.00	31.61 1.96 0.00	29.11 1.80 0.00	31.17 1.67 0.00	32.57 1.75 0.00	39.38 2.24 0.00	48.44 3.14 0.00	44.44 3.27 0.00	41.96 3.09 0.00	37.86 2.80 0.00	40.00 2.54 0.00	40.49 2.10 0.00	39.96 1.86 0.00	40.07 1.68 0.00

ATHENS_STG_1 23668	32.08 0.68 0.00	27.18 0.56 0.00	25.91 0.52 0.00	24.96 0.52 0.00	27.67 0.61 0.00	34.62 0.76 0.00	44.81 1.21 0.00	37.36 1.19 0.00	29.68 0.92 0.00	27.10 0.80 0.00	30.29 1.00 0.00	30.68 1.04 0.00	28.25 0.94 0.00	30.39 0.88 0.00	31.88 1.05 0.00	38.54 1.39 0.00	47.25 1.96 0.00	43.21 2.04 0.00	40.79 1.91 0.00	36.83 1.77 0.00	39.03 1.57 0.00	39.70 1.31 0.00	39.30 1.20 0.00	39.48 1.08 0.00
ATHENS_STG_2 23670	32.08 0.68 0.00	27.18 0.56 0.00	25.91 0.52 0.00	24.96 0.52 0.00	27.67 0.61 0.00	34.62 0.76 0.00	44.81 1.21 0.00	37.36 1.19 0.00	29.68 0.92 0.00	27.10 0.80 0.00	30.29 1.00 0.00	30.68 1.04 0.00	28.25 0.94 0.00	30.39 0.88 0.00	31.88 1.05 0.00	38.54 1.39 0.00	47.25 1.96 0.00	43.21 2.04 0.00	40.79 1.91 0.00	36.83 1.77 0.00	39.03 1.57 0.00	39.70 1.31 0.00	39.30 1.20 0.00	39.48 1.08 0.00
ATHENS_STG_3 23677	32.08 0.68 0.00	27.18 0.56 0.00	25.91 0.52 0.00	24.96 0.52 0.00	27.67 0.61 0.00	34.62 0.76 0.00	44.81 1.21 0.00	37.36 1.19 0.00	29.68 0.92 0.00	27.10 0.80 0.00	30.29 1.00 0.00	30.68 1.04 0.00	28.25 0.94 0.00	30.39 0.88 0.00	31.88 1.05 0.00	38.54 1.39 0.00	47.25 1.96 0.00	43.21 2.04 0.00	40.79 1.91 0.00	36.83 1.77 0.00	39.03 1.57 0.00	39.70 1.31 0.00	39.30 1.20 0.00	39.48 1.08 0.00
AUBURN___LFGE 323710	31.23 -0.17 0.00	26.47 -0.14 0.00	25.27 -0.12 0.00	24.33 -0.11 0.00	26.89 -0.17 0.00	33.60 -0.25 0.00	43.26 -0.34 0.00	37.84 -0.22 -1.89	28.60 -0.16 0.00	26.21 -0.10 0.00	29.16 -0.13 0.00	29.46 -0.19 0.00	27.08 -0.23 0.00	29.20 -0.30 0.00	30.56 -0.26 0.00	36.97 -0.17 0.00	45.59 0.29 0.00	41.68 0.51 0.00	39.23 0.35 0.00	35.33 0.27 0.00	37.58 0.11 0.00	38.17 -0.22 0.00	37.88 -0.22 0.00	38.15 -0.24 0.00
BABYLON_RES_REC 323704	33.43 2.03 0.00	28.27 1.66 0.00	26.84 1.45 0.00	25.91 1.47 0.00	28.73 1.68 0.00	35.95 2.10 0.00	46.89 3.29 0.00	39.22 3.05 0.00	31.08 2.32 0.00	28.23 1.92 0.00	31.66 2.37 0.00	32.07 2.43 0.00	29.54 2.23 0.00	31.72 2.22 0.00	33.23 2.41 0.00	40.30 3.15 0.00	81.42 4.41 -31.71	94.77 4.48 -49.12	43.00 4.12 0.00	39.44 3.74 -0.64	41.04 3.58 0.00	41.43 3.04 0.00	40.98 2.88 0.00	41.13 2.73 0.00
BABYLON__69_KV_BK2 356345	33.78 2.38 0.00	28.56 1.94 0.00	27.09 1.71 0.00	26.16 1.72 0.00	29.02 1.96 0.00	36.31 2.46 0.00	47.39 3.79 0.00	39.64 3.47 0.00	31.39 2.62 0.00	28.48 2.18 0.00	31.94 2.65 0.00	32.37 2.73 0.00	29.81 2.50 0.00	32.03 2.53 0.00	33.55 2.73 0.00	40.74 3.60 0.00	81.98 4.97 -31.71	95.30 5.01 -49.12	43.48 4.60 0.00	39.90 4.20 -0.64	41.53 4.07 0.00	41.91 3.51 0.00	41.44 3.34 0.00	41.58 3.18 0.00
BALL_HILL_WT_PWR 323825	30.57 -0.83 0.00	25.91 -0.71 0.00	24.46 -0.93 0.00	23.53 -0.91 0.00	25.87 -1.19 0.00	32.42 -1.43 0.00	41.05 -2.55 0.00	32.87 -2.73 0.57	26.78 -1.98 0.00	24.95 -1.36 0.00	27.93 -1.36 0.00	28.51 -1.14 0.00	26.19 -1.12 0.00	18.35 -1.20 9.96	29.50 -1.32 0.00	35.30 -1.84 0.00	43.89 -1.41 0.00	32.66 -0.66 7.85	32.91 -1.07 4.90	32.25 -1.25 1.57	33.32 -1.50 2.64	35.58 -2.39 0.42	36.11 -1.99 0.00	36.33 -1.48 0.59
BARON_WINDS___WT_PWR 323822	31.03 -0.36 0.00	26.28 -0.34 0.00	24.85 -0.54 0.00	23.89 -0.55 0.00	26.37 -0.68 0.00	33.05 -0.79 0.00	42.40 -1.20 0.00	37.84 0.09 -1.58	28.84 0.07 0.00	26.39 0.09 0.00	29.54 0.25 0.00	29.96 0.31 0.00	27.43 0.12 0.00	38.27 0.05 -8.71	30.99 0.17 0.00	37.56 0.41 0.00	46.62 1.32 0.00	49.90 0.68 -8.06	44.31 0.41 -5.03	36.97 0.29 -1.61	40.20 0.03 -2.71	38.40 -0.41 -0.43	37.76 -0.34 0.00	38.70 -0.30 -0.60
BARRETT_IC_1 23704	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_10 23701	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_11 23702	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_12 23703	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_2 23705	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_3 23706	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_4 23707	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00

BARRETT_IC_5 23708	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_6 23709	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_7 23710	33.03 1.64 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.34 2.75 0.00	38.70 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.77 2.62 0.00	80.58 3.58 -31.71	94.00 3.71 -49.12	42.45 3.57 0.00	38.93 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.07 0.00
BARRETT_IC_8 23711	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT_IC_9 23700	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT___1 23545	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BARRETT___2 23546	33.03 1.63 0.00	27.94 1.32 0.00	26.57 1.19 0.00	25.62 1.18 0.00	28.42 1.36 0.00	35.58 1.73 0.00	46.35 2.75 0.00	38.69 2.52 0.00	30.72 1.96 0.00	27.96 1.65 0.00	31.38 2.08 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.41 1.91 0.00	32.87 2.04 0.00	39.76 2.62 0.00	80.58 3.57 -31.71	93.99 3.70 -49.12	42.44 3.56 0.00	38.92 3.23 -0.64	40.48 3.02 0.00	40.85 2.46 0.00	40.33 2.23 0.00	40.46 2.06 0.00
BATAVIA__115KV_TB1 55881	30.61 -0.78 0.00	25.94 -0.67 0.00	24.49 -0.89 0.00	23.56 -0.89 0.00	25.85 -1.20 0.00	32.53 -1.32 0.00	41.31 -2.29 0.00	32.89 -2.42 0.86	27.11 -1.66 0.00	25.33 -0.97 0.00	28.23 -1.06 0.00	28.72 -0.92 0.00	26.37 -0.94 0.00	28.44 -1.07 0.00	29.54 -1.28 0.00	35.45 -1.69 0.00	44.15 -1.14 0.00	40.95 -0.21 0.00	38.19 -0.68 0.00	34.22 -0.84 0.00	36.45 -1.01 0.00	36.41 -1.98 0.00	36.49 -1.62 0.00	37.31 -1.09 0.00
BAYONEEC___CTG1 323682	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG10 323750	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG2 323683	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG3 323684	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG4 323685	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG5 323686	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG6 323687	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00

BAYONEEC___CTG7 323688	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG8 323689	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BAYONEEC___CTG9 323749	32.60 1.20 0.00	27.59 0.98 0.00	26.31 0.92 0.00	25.35 0.90 0.00	28.11 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.35 2.18 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.13 1.84 0.00	31.61 1.97 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.52 1.77 0.07	39.41 2.27 0.00	48.47 3.17 0.00	44.46 3.30 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.54 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00
BEACON___LESR 323632	31.95 0.56 0.00	27.07 0.45 0.00	25.79 0.40 0.00	24.86 0.42 0.00	27.59 0.54 0.00	34.56 0.71 0.00	44.82 1.23 0.00	37.33 1.16 0.00	29.59 0.83 0.00	27.01 0.71 0.00	30.14 0.85 0.00	30.46 0.82 0.00	28.12 0.81 0.00	30.36 0.86 0.00	31.89 1.07 0.00	38.63 1.49 0.00	47.33 2.04 0.00	43.37 2.21 0.00	40.93 2.05 0.00	36.92 1.86 0.00	39.18 1.72 0.00	39.88 1.49 0.00	39.43 1.33 0.00	39.45 1.05 0.00
BEAVER RIVER___HYD 24048	31.32 -0.07 0.00	26.39 -0.22 0.00	24.98 -0.41 0.00	24.01 -0.44 0.00	26.63 -0.43 0.00	33.68 -0.17 0.00	43.98 0.38 0.00	36.37 0.20 0.00	29.00 0.24 0.00	26.29 -0.01 0.00	29.05 -0.24 0.00	29.37 -0.28 0.00	27.13 -0.18 0.00	29.28 -0.23 0.00	30.59 -0.23 0.00	37.24 0.10 0.00	45.87 0.58 0.00	41.49 0.33 0.00	39.39 0.51 0.00	35.54 0.48 0.00	38.14 0.68 0.00	39.18 0.79 0.00	38.77 0.67 0.00	39.03 0.63 0.00
BEEBEE_GT_13 23619	30.41 -0.99 0.00	25.79 -0.82 0.00	24.43 -0.96 0.00	23.51 -0.93 0.00	25.88 -1.18 0.00	32.47 -1.38 0.00	41.45 -2.15 0.00	33.04 -2.07 1.06	27.29 -1.48 0.00	25.32 -0.99 0.00	28.25 -1.04 0.00	28.70 -0.94 0.00	26.37 -0.94 0.00	28.44 -1.07 0.00	29.63 -1.19 0.00	35.63 -1.52 0.00	44.08 -1.22 0.00	40.66 -0.51 0.00	38.07 -0.81 0.00	34.20 -0.86 0.00	36.40 -1.06 0.00	36.66 -1.73 0.00	36.59 -1.51 0.00	37.18 -1.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.92 1.53 0.00	27.85 1.24 0.00	26.54 1.16 0.00	25.54 1.10 0.00	28.34 1.28 0.00	35.60 1.75 0.00	46.33 2.73 0.00	38.75 2.57 0.00	30.84 2.07 0.00	28.10 1.80 0.00	31.52 2.23 0.00	31.98 2.34 0.00	29.47 2.16 0.00	31.51 2.01 0.00	32.71 2.11 0.22	39.78 2.64 0.00	49.04 3.74 0.00	45.05 3.88 0.00	42.54 3.66 0.00	38.38 3.32 0.00	40.54 3.08 0.00	40.99 2.60 0.00	40.44 2.34 0.00	40.57 2.18 0.00
BETHLEHEM___GRP 23843	31.42 0.03 0.00	26.63 0.01 0.00	25.38 0.00 0.00	24.46 0.02 0.00	27.12 0.07 0.00	33.93 0.07 0.00	43.86 0.26 0.00	36.55 0.38 0.00	29.04 0.27 0.00	26.52 0.22 0.00	29.65 0.36 0.00	29.98 0.33 0.00	27.61 0.31 0.00	29.79 0.28 0.00	31.29 0.46 0.00	37.80 0.66 0.00	46.30 1.00 0.00	42.33 1.16 0.00	39.92 1.04 0.00	36.04 0.98 0.00	38.21 0.75 0.00	38.96 0.57 0.00	38.56 0.46 0.00	38.73 0.33 0.00
BETHLEHEM___GS1 323560	31.42 0.03 0.00	26.63 0.01 0.00	25.38 0.00 0.00	24.46 0.02 0.00	27.12 0.07 0.00	33.93 0.07 0.00	43.86 0.26 0.00	36.55 0.38 0.00	29.03 0.27 0.00	26.52 0.22 0.00	29.65 0.36 0.00	29.98 0.34 0.00	27.62 0.31 0.00	29.79 0.28 0.00	31.29 0.46 0.00	37.80 0.66 0.00	46.30 1.00 0.00	42.32 1.15 0.00	39.92 1.04 0.00	36.03 0.97 0.00	38.21 0.75 0.00	38.96 0.57 0.00	38.56 0.46 0.00	38.72 0.33 0.00
BETHLEHEM___GS2 323561	31.42 0.03 0.00	26.63 0.01 0.00	25.38 0.00 0.00	24.46 0.02 0.00	27.12 0.07 0.00	33.93 0.07 0.00	43.86 0.26 0.00	36.55 0.38 0.00	29.03 0.27 0.00	26.52 0.22 0.00	29.65 0.36 0.00	29.98 0.34 0.00	27.62 0.31 0.00	29.79 0.28 0.00	31.29 0.46 0.00	37.80 0.66 0.00	46.30 1.00 0.00	42.32 1.15 0.00	39.92 1.04 0.00	36.03 0.97 0.00	38.21 0.75 0.00	38.96 0.57 0.00	38.56 0.46 0.00	38.72 0.33 0.00
BETHLEHEM___GS3 323562	31.42 0.03 0.00	26.63 0.01 0.00	25.38 0.00 0.00	24.46 0.02 0.00	27.12 0.07 0.00	33.93 0.07 0.00	43.86 0.26 0.00	36.55 0.38 0.00	29.03 0.27 0.00	26.52 0.22 0.00	29.65 0.36 0.00	29.98 0.34 0.00	27.62 0.31 0.00	29.79 0.28 0.00	31.29 0.46 0.00	37.80 0.66 0.00	46.30 1.00 0.00	42.32 1.15 0.00	39.92 1.04 0.00	36.03 0.97 0.00	38.21 0.75 0.00	38.96 0.57 0.00	38.56 0.46 0.00	38.72 0.33 0.00
BETHLEHEM___STEEL 23779	30.45 -0.95 0.00	25.82 -0.80 0.00	24.35 -1.04 0.00	23.43 -1.01 0.00	25.71 -1.35 0.00	32.25 -1.60 0.00	40.78 -2.82 0.00	32.53 -3.01 0.63	26.60 -2.17 0.00	24.88 -1.43 0.00	27.81 -1.48 0.00	28.35 -1.29 0.00	26.07 -1.24 0.00	28.17 -1.33 0.00	29.31 -1.51 0.00	35.05 -2.10 0.00	43.55 -1.75 0.00	40.27 -0.90 0.00	37.54 -1.34 0.00	33.59 -1.47 0.00	35.80 -1.66 0.00	35.77 -2.62 0.00	35.95 -2.15 0.00	36.84 -1.56 0.00
BETHLHEM_115KV_TB1 79974	31.52 0.12 0.00	26.71 0.09 0.00	25.45 0.07 0.00	24.53 0.09 0.00	27.20 0.14 0.00	34.02 0.17 0.00	43.99 0.39 0.00	36.65 0.47 0.00	29.12 0.35 0.00	26.60 0.30 0.00	29.73 0.44 0.00	30.06 0.42 0.00	27.68 0.37 0.00	29.87 0.37 0.00	31.36 0.54 0.00	37.88 0.74 0.00	46.42 1.12 0.00	42.43 1.26 0.00	40.01 1.13 0.00	36.13 1.07 0.00	38.31 0.86 0.00	39.05 0.66 0.00	38.66 0.56 0.00	38.84 0.44 0.00
BETHPAGE_CC_5 323564	33.30 1.90 0.00	28.17 1.55 0.00	26.75 1.37 0.00	25.82 1.38 0.00	28.64 1.58 0.00	35.82 1.97 0.00	46.69 3.09 0.00	39.05 2.88 0.00	30.97 2.21 0.00	28.17 1.86 0.00	31.59 2.30 0.00	31.98 2.33 0.00	29.44 2.13 0.00	31.59 2.09 0.00	33.06 2.24 0.00	40.03 2.88 0.00	81.00 4.00 -31.71	94.38 4.09 -49.12	42.66 3.79 0.00	39.14 3.45 -0.64	40.73 3.27 0.00	41.14 2.75 0.00	40.71 2.61 0.00	40.86 2.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.63 -0.77 0.00	25.97 -0.64 0.00	24.50 -0.89 0.00	23.58 -0.86 0.00	25.87 -1.19 0.00	32.45 -1.40 0.00	41.05 -2.55 0.00	32.81 -2.75 0.61	26.80 -1.96 0.00	25.06 -1.25 0.00	28.03 -1.26 0.00	28.56 -1.08 0.00	26.26 -1.05 0.00	28.38 -1.12 0.00	29.54 -1.29 0.00	35.32 -1.83 0.00	43.89 -1.40 0.00	40.57 -0.60 0.00	37.83 -1.04 0.00	33.87 -1.19 0.00	36.10 -1.36 0.00	36.06 -2.33 0.00	36.23 -1.87 0.00	37.10 -1.30 0.00

BINGHAMTON___COGEN 23790	31.36 -0.04 0.00	26.57 -0.05 0.00	25.24 -0.15 0.00	24.31 -0.13 0.00	26.90 -0.15 0.00	33.70 -0.15 0.00	43.46 -0.14 0.00	36.96 0.02 -0.77	28.76 0.00 0.00	26.34 0.04 0.00	29.40 0.11 0.00	29.79 0.14 0.00	27.34 0.03 0.00	29.47 -0.03 0.00	30.87 0.05 0.00	37.32 0.18 0.00	45.99 0.69 0.00	41.87 0.70 0.00	39.42 0.54 0.00	35.49 0.43 0.00	37.71 0.25 0.00	38.28 -0.11 0.00	38.02 -0.08 0.00	38.35 -0.05 0.00
BIXINCNT_115KV_LOAD 355685	31.39 -0.01 0.00	26.66 0.04 0.00	25.16 -0.23 0.00	24.24 -0.20 0.00	26.64 -0.41 0.00	33.34 -0.51 0.00	42.16 -1.44 0.00	33.99 -1.68 0.50	27.57 -1.19 0.00	25.75 -0.56 0.00	28.94 -0.36 0.00	29.45 -0.19 0.00	27.13 -0.18 0.00	29.30 -0.20 0.00	30.45 -0.37 0.00	36.45 -0.70 0.00	45.28 -0.02 0.00	41.69 0.52 0.00	38.94 0.06 0.00	34.85 -0.21 0.00	37.12 -0.34 0.00	37.14 -1.25 0.00	37.34 -0.76 0.00	38.14 -0.26 0.00
BLACK RIVER___HYD 24047	31.20 -0.20 0.00	26.28 -0.34 0.00	24.85 -0.53 0.00	23.81 -0.63 0.00	26.42 -0.63 0.00	33.52 -0.33 0.00	43.93 0.33 0.00	36.31 0.14 0.00	28.96 0.19 0.00	26.15 -0.15 0.00	28.84 -0.46 0.00	29.17 -0.47 0.00	26.97 -0.33 0.00	29.07 -0.43 0.00	30.41 -0.41 0.00	37.15 0.01 0.00	46.07 0.77 0.00	41.85 0.69 0.00	39.64 0.76 0.00	35.75 0.69 0.00	38.33 0.87 0.00	39.22 0.83 0.00	38.80 0.71 0.00	39.03 0.63 0.00
BLACKRVR_115KV_TB2 79977	31.20 -0.20 0.00	26.28 -0.34 0.00	24.85 -0.53 0.00	23.81 -0.63 0.00	26.42 -0.63 0.00	33.51 -0.33 0.00	43.93 0.33 0.00	36.31 0.14 0.00	28.96 0.19 0.00	26.15 -0.15 0.00	28.84 -0.46 0.00	29.18 -0.47 0.00	26.97 -0.33 0.00	29.07 -0.43 0.00	30.41 -0.41 0.00	37.15 0.00 0.00	46.07 0.77 0.00	41.85 0.69 0.00	39.63 0.76 0.00	35.74 0.68 0.00	38.33 0.87 0.00	39.22 0.83 0.00	38.80 0.71 0.00	39.03 0.63 0.00
BLISS_WT_PWR 323608	31.42 0.03 0.00	26.69 0.07 0.00	25.19 -0.20 0.00	24.26 -0.18 0.00	26.68 -0.38 0.00	33.36 -0.48 0.00	42.15 -1.45 0.00	34.00 -1.68 0.50	27.58 -1.18 0.00	25.75 -0.55 0.00	28.95 -0.34 0.00	29.45 -0.19 0.00	27.15 -0.16 0.00	18.57 -0.15 10.79	30.49 -0.33 0.00	36.51 -0.64 0.00	45.36 0.06 0.00	33.28 0.59 8.47	33.71 0.12 5.29	33.19 -0.18 1.69	34.28 -0.33 2.85	36.72 -1.22 0.45	37.37 -0.73 0.00	37.52 -0.24 0.63
BLUESTONE___WT_PWR 323821	32.24 0.85 0.00	27.31 0.70 0.00	25.87 0.49 0.00	24.56 0.12 0.00	27.07 0.01 0.00	34.11 0.26 0.00	44.66 1.06 0.00	38.52 1.64 -0.71	30.13 1.36 0.00	27.65 1.35 0.00	30.85 1.55 0.00	31.28 1.63 0.00	28.72 1.41 0.00	32.71 1.43 -1.77	32.52 1.70 0.00	39.57 2.43 0.00	49.06 3.76 0.00	46.27 3.56 -1.54	43.06 3.22 -0.96	38.16 2.79 -0.31	40.67 2.69 -0.52	40.87 2.39 -0.08	40.40 2.30 0.00	40.77 2.25 -0.12
BLUE_CIRC_CHEM_DRP 24182	31.93 0.53 0.00	27.05 0.43 0.00	25.78 0.39 0.00	24.83 0.39 0.00	27.53 0.48 0.00	34.45 0.60 0.00	44.51 0.91 0.00	37.06 0.89 0.00	29.44 0.67 0.00	26.89 0.59 0.00	30.03 0.74 0.00	30.37 0.72 0.00	27.96 0.65 0.00	30.19 0.69 0.00	31.70 0.88 0.00	38.31 1.17 0.00	46.92 1.62 0.00	42.86 1.70 0.00	40.42 1.54 0.00	36.49 1.43 0.00	38.71 1.25 0.00	39.48 1.09 0.00	39.14 1.04 0.00	39.35 0.96 0.00
BOC_GAS_DRP 24189	31.75 0.35 0.00	26.91 0.30 0.00	25.65 0.27 0.00	24.71 0.27 0.00	27.40 0.34 0.00	34.26 0.41 0.00	44.28 0.68 0.00	36.88 0.70 0.00	29.30 0.53 0.00	26.77 0.47 0.00	29.91 0.62 0.00	30.27 0.63 0.00	27.88 0.57 0.00	30.05 0.55 0.00	31.52 0.70 0.00	38.08 0.94 0.00	46.62 1.32 0.00	42.59 1.43 0.00	40.19 1.31 0.00	36.28 1.22 0.00	38.50 1.04 0.00	39.25 0.86 0.00	38.87 0.77 0.00	39.08 0.68 0.00
BOONVILLE_115KV_TB1 79983	31.93 0.53 0.00	26.97 0.36 0.00	25.60 0.21 0.00	24.65 0.21 0.00	27.32 0.27 0.00	34.40 0.56 0.00	44.70 1.10 0.00	37.11 0.94 0.00	29.56 0.80 0.00	26.92 0.61 0.00	29.84 0.55 0.00	30.15 0.50 0.00	27.75 0.44 0.00	29.93 0.42 0.00	31.34 0.52 0.00	38.07 0.93 0.00	46.84 1.55 0.00	42.64 1.48 0.00	40.31 1.43 0.00	36.37 1.31 0.00	38.83 1.37 0.00	39.69 1.29 0.00	39.29 1.19 0.00	39.53 1.13 0.00
BORALEX_4TH_BRANCH 23824	32.56 1.17 0.00	27.60 0.99 0.00	26.32 0.93 0.00	25.38 0.93 0.00	28.17 1.11 0.00	35.24 1.39 0.00	45.43 1.83 0.00	37.90 1.73 0.00	30.04 1.28 0.00	27.34 1.03 0.00	30.70 1.40 0.00	31.03 1.38 0.00	28.54 1.23 0.00	30.85 1.35 0.00	32.57 1.75 0.00	39.29 2.15 0.00	47.84 2.55 0.00	43.80 2.63 0.00	41.29 2.41 0.00	37.24 2.18 0.00	39.62 2.17 0.00	40.47 2.08 0.00	40.08 1.98 0.00	40.33 1.94 0.00
BOWLINE___1 23526	32.40 1.00 0.00	27.43 0.82 0.00	26.15 0.76 0.00	25.19 0.74 0.00	27.95 0.90 0.00	35.00 1.15 0.00	45.50 1.91 0.00	38.02 1.85 0.00	30.20 1.43 0.00	27.52 1.21 0.00	30.76 1.47 0.00	31.23 1.58 0.00	28.75 1.44 0.00	30.80 1.30 0.00	32.21 1.39 0.00	38.97 1.83 0.00	48.01 2.71 0.00	44.03 2.86 0.00	41.57 2.69 0.00	37.48 2.42 0.00	39.65 2.19 0.00	40.18 1.79 0.00	39.67 1.57 0.00	39.83 1.43 0.00
BOWLINE___2 23595	32.40 1.00 0.00	27.43 0.82 0.00	26.15 0.76 0.00	25.19 0.74 0.00	27.95 0.90 0.00	35.00 1.15 0.00	45.51 1.91 0.00	38.02 1.85 0.00	30.20 1.43 0.00	27.52 1.21 0.00	30.76 1.47 0.00	31.23 1.58 0.00	28.75 1.44 0.00	30.80 1.30 0.00	32.21 1.39 0.00	38.97 1.83 0.00	48.01 2.71 0.00	44.03 2.86 0.00	41.57 2.69 0.00	37.48 2.42 0.00	39.65 2.20 0.00	40.18 1.79 0.00	39.67 1.57 0.00	39.83 1.43 0.00
BRADY___115KV_TB2 356060	32.35 0.96 0.00	27.43 0.81 0.00	26.18 0.79 0.00	25.18 0.73 0.00	27.87 0.81 0.00	34.91 1.06 0.00	44.98 1.38 0.00	37.09 0.92 0.00	29.47 0.71 0.00	26.76 0.45 0.00	29.55 0.26 0.00	29.84 0.19 0.00	27.61 0.30 0.00	30.01 0.51 0.00	31.20 0.37 0.00	37.51 0.36 0.00	45.43 0.13 0.00	40.16 -1.00 0.00	38.60 -0.28 0.00	34.78 -0.28 0.00	37.55 0.10 0.00	39.17 0.78 0.00	38.78 0.68 0.00	39.22 0.82 0.00
BRANSCOMB___SOLAR 323811	32.65 1.26 0.00	27.64 1.02 0.00	26.34 0.95 0.00	25.41 0.97 0.00	28.19 1.14 0.00	35.33 1.48 0.00	45.74 2.14 0.00	38.17 2.00 0.00	30.33 1.57 0.00	27.67 1.37 0.00	30.87 1.57 0.00	31.17 1.52 0.00	28.58 1.28 0.00	30.75 1.25 0.00	32.26 1.44 0.00	39.08 1.94 0.00	48.00 2.71 0.00	43.86 2.70 0.00	41.36 2.48 0.00	37.27 2.21 0.00	39.49 2.03 0.00	40.25 1.85 0.00	39.84 1.74 0.00	40.01 1.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.65 2.25 0.00	28.45 1.84 0.00	27.00 1.61 0.00	26.07 1.63 0.00	28.91 1.85 0.00	36.16 2.31 0.00	47.19 3.59 0.00	39.46 3.29 0.00	31.23 2.47 0.00	28.35 2.04 0.00	31.82 2.53 0.00	32.26 2.62 0.00	29.73 2.43 0.00	31.92 2.42 0.00	33.45 2.63 0.00	40.59 3.44 0.00	81.73 4.72 -31.71	94.97 4.69 -49.12	43.12 4.24 0.00	39.62 3.92 -0.64	41.27 3.81 0.00	41.67 3.28 0.00	41.21 3.11 0.00	41.39 3.00 0.00



BRISTLHL_115KV_TB1 79998	30.53 -0.86 0.00	25.89 -0.72 0.00	24.64 -0.75 0.00	23.73 -0.71 0.00	26.23 -0.82 0.00	32.85 -1.00 0.00	42.30 -1.30 0.00	35.45 -1.06 -0.34	27.94 -0.83 0.00	25.59 -0.71 0.00	28.48 -0.81 0.00	28.82 -0.82 0.00	26.50 -0.81 0.00	28.57 -0.94 0.00	29.89 -0.93 0.00	36.13 -1.01 0.00	44.42 -0.88 0.00	40.59 -0.58 0.00	38.24 -0.64 0.00	34.47 -0.59 0.00	36.69 -0.77 0.00	37.35 -1.04 0.00	37.04 -1.06 0.00	37.30 -1.10 0.00
BROOKHAVEN___DRP 24191	33.59 2.19 0.00	28.40 1.79 0.00	26.95 1.56 0.00	26.03 1.59 0.00	28.87 1.81 0.00	36.12 2.27 0.00	47.17 3.57 0.00	39.41 3.24 0.00	31.05 2.29 0.00	28.08 1.77 0.00	31.42 2.13 0.00	31.88 2.23 0.00	29.36 2.05 0.00	31.55 2.04 0.00	33.09 2.27 0.00	40.29 3.15 0.00	81.38 4.37 -31.71	94.61 4.33 -49.12	42.80 3.92 0.00	39.25 3.56 -0.64	40.83 3.36 0.00	41.25 2.86 0.00	40.78 2.68 0.00	41.03 2.63 0.00
BROOKLYN_NAVY_YARD 23515	32.58 1.19 0.00	27.59 0.97 0.00	26.31 0.92 0.00	25.35 0.91 0.00	28.10 1.04 0.00	35.23 1.38 0.00	45.86 2.26 0.00	38.40 2.23 0.00	30.54 1.78 0.00	27.87 1.56 0.00	31.15 1.86 0.00	31.63 1.99 0.00	29.14 1.83 0.00	31.21 1.70 0.00	32.63 1.81 0.00	39.45 2.30 0.00	48.53 3.23 0.00	44.52 3.36 0.00	42.05 3.17 0.00	37.94 2.87 0.00	40.08 2.62 0.00	40.58 2.18 0.00	40.02 1.91 0.00	40.14 1.74 0.00
BROOKLYN___ARMY_DRP 323595	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
BROOKVLE_69_KV_TB1 55790	33.33 1.93 0.00	28.19 1.58 0.00	26.80 1.41 0.00	25.84 1.40 0.00	28.67 1.62 0.00	35.89 2.04 0.00	46.67 3.07 0.00	39.03 2.86 0.00	31.06 2.30 0.00	28.27 1.97 0.00	31.70 2.41 0.00	32.15 2.50 0.00	29.61 2.30 0.00	31.77 2.26 0.00	33.24 2.42 0.00	40.26 3.12 0.00	81.29 4.28 -31.71	94.60 4.31 -49.12	42.88 4.00 0.00	39.32 3.62 -0.64	40.91 3.46 0.00	41.39 3.00 0.00	40.89 2.79 0.00	41.00 2.61 0.00
BROOME_2_LFGE 323671	31.36 -0.04 0.00	26.57 -0.05 0.00	25.24 -0.14 0.00	24.31 -0.13 0.00	26.90 -0.15 0.00	33.71 -0.15 0.00	43.46 -0.14 0.00	36.96 0.02 -0.77	28.76 0.00 0.00	26.34 0.04 0.00	29.40 0.11 0.00	29.79 0.14 0.00	27.34 0.03 0.00	31.50 -0.04 -2.03	30.87 0.05 0.00	37.32 0.18 0.00	45.98 0.69 0.00	43.65 0.69 -1.79	40.53 0.54 -1.12	35.85 0.43 -0.36	38.31 0.25 -0.60	38.38 -0.11 -0.09	38.02 -0.07 0.00	38.48 -0.05 -0.13
BROOME___LFGE 323600	31.36 -0.04 0.00	26.57 -0.05 0.00	25.24 -0.14 0.00	24.31 -0.13 0.00	26.90 -0.15 0.00	33.71 -0.15 0.00	43.46 -0.14 0.00	36.96 0.02 -0.77	28.76 0.00 0.00	26.34 0.04 0.00	29.40 0.11 0.00	29.79 0.14 0.00	27.34 0.03 0.00	31.50 -0.04 -2.03	30.87 0.05 0.00	37.32 0.18 0.00	45.98 0.69 0.00	43.65 0.69 -1.79	40.53 0.54 -1.12	35.85 0.43 -0.36	38.31 0.25 -0.60	38.38 -0.11 -0.09	38.02 -0.07 0.00	38.48 -0.05 -0.13
BROWNFLS_115KV_TB 3_5 80003	31.16 -0.23 0.00	26.32 -0.29 0.00	25.01 -0.38 0.00	24.03 -0.41 0.00	26.64 -0.42 0.00	33.56 -0.28 0.00	43.59 -0.01 0.00	36.01 -0.17 0.00	28.67 -0.09 0.00	26.01 -0.30 0.00	28.74 -0.55 0.00	29.03 -0.61 0.00	26.85 -0.46 0.00	29.06 -0.45 0.00	30.28 -0.54 0.00	36.68 -0.46 0.00	44.82 -0.48 0.00	40.09 -1.07 0.00	38.31 -0.57 0.00	34.56 -0.50 0.00	37.18 -0.28 0.00	38.47 0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00
BROWNSV1_27_KV_LOAD 356125	32.93 1.53 0.00	27.87 1.26 0.00	26.55 1.17 0.00	25.59 1.14 0.00	28.37 1.32 0.00	35.56 1.72 0.00	46.28 2.69 0.00	38.76 2.59 0.00	30.85 2.08 0.00	28.16 1.85 0.00	31.47 2.18 0.00	31.96 2.31 0.00	29.44 2.13 0.00	31.53 2.03 0.00	32.95 2.13 0.00	39.86 2.72 0.00	49.06 3.76 0.00	45.01 3.85 0.00	42.52 3.64 0.00	38.35 3.29 0.00	40.52 3.06 0.00	41.02 2.63 0.00	40.48 2.38 0.00	40.56 2.17 0.00
BURROWS___LYONSDAL 23803	31.78 0.38 0.00	26.82 0.20 0.00	25.42 0.03 0.00	24.47 0.03 0.00	27.13 0.07 0.00	34.21 0.36 0.00	44.52 0.92 0.00	36.93 0.76 0.00	29.43 0.67 0.00	26.77 0.47 0.00	29.66 0.37 0.00	29.98 0.33 0.00	27.62 0.31 0.00	29.79 0.29 0.00	31.18 0.36 0.00	37.89 0.75 0.00	46.64 1.34 0.00	42.40 1.24 0.00	40.12 1.24 0.00	36.20 1.14 0.00	38.71 1.25 0.00	39.60 1.21 0.00	39.20 1.10 0.00	39.45 1.05 0.00
CAITHNESS_CC_1 323624	33.51 2.11 0.00	28.34 1.72 0.00	26.89 1.50 0.00	25.97 1.52 0.00	28.80 1.75 0.00	36.03 2.18 0.00	47.05 3.45 0.00	39.31 3.14 0.00	31.00 2.24 0.00	28.05 1.75 0.00	31.41 2.12 0.00	31.87 2.22 0.00	29.35 2.04 0.00	31.54 2.04 0.00	33.07 2.24 0.00	40.23 3.09 0.00	81.30 4.29 -31.71	94.55 4.27 -49.12	42.74 3.86 0.00	39.21 3.51 -0.64	40.79 3.33 0.00	41.21 2.82 0.00	40.75 2.65 0.00	40.98 2.59 0.00
CALPINE BETH_PAGE_GT4 24209	33.21 1.81 0.00	28.09 1.48 0.00	26.68 1.30 0.00	25.75 1.30 0.00	28.56 1.51 0.00	35.73 1.88 0.00	46.56 2.96 0.00	38.95 2.77 0.00	30.90 2.14 0.00	28.11 1.81 0.00	31.52 2.22 0.00	31.92 2.27 0.00	29.40 2.09 0.00	31.56 2.05 0.00	33.02 2.19 0.00	39.99 2.85 0.00	80.97 3.96 -31.71	94.35 4.06 -49.12	42.66 3.78 0.00	39.14 3.44 -0.64	40.70 3.24 0.00	41.12 2.73 0.00	40.66 2.56 0.00	40.81 2.42 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.21 1.81 0.00	28.09 1.48 0.00	26.68 1.30 0.00	25.75 1.30 0.00	28.56 1.51 0.00	35.73 1.88 0.00	46.56 2.96 0.00	38.95 2.77 0.00	30.90 2.14 0.00	28.11 1.80 0.00	31.52 2.23 0.00	31.92 2.27 0.00	29.40 2.09 0.00	31.55 2.05 0.00	33.02 2.20 0.00	39.99 2.85 0.00	80.96 3.95 -31.71	94.35 4.06 -49.12	42.66 3.78 0.00	39.13 3.44 -0.64	40.70 3.24 0.00	41.12 2.73 0.00	40.66 2.56 0.00	40.81 2.42 0.00
CALPINE_BP_GT1 23823	33.21 1.81 0.00	28.09 1.48 0.00	26.68 1.30 0.00	25.75 1.30 0.00	28.56 1.51 0.00	35.73 1.88 0.00	46.56 2.96 0.00	38.95 2.77 0.00	30.90 2.14 0.00	28.11 1.80 0.00	31.52 2.23 0.00	31.92 2.27 0.00	29.40 2.09 0.00	31.55 2.05 0.00	33.02 2.20 0.00	39.99 2.85 0.00	80.96 3.95 -31.71	94.35 4.06 -49.12	42.66 3.78 0.00	39.13 3.44 -0.64	40.70 3.24 0.00	41.12 2.73 0.00	40.66 2.56 0.00	40.81 2.42 0.00
CALSPAN___DRP 24200	30.45 -0.95 0.00	25.82 -0.80 0.00	24.35 -1.04 0.00	23.43 -1.01 0.00	25.71 -1.35 0.00	32.25 -1.60 0.00	40.78 -2.82 0.00	32.53 -3.01 0.63	26.60 -2.17 0.00	24.88 -1.43 0.00	27.81 -1.48 0.00	28.35 -1.29 0.00	26.07 -1.24 0.00	28.17 -1.33 0.00	29.31 -1.51 0.00	35.05 -2.10 0.00	43.55 -1.75 0.00	40.27 -0.90 0.00	37.54 -1.34 0.00	33.59 -1.47 0.00	35.80 -1.66 0.00	35.77 -2.62 0.00	35.95 -2.15 0.00	36.84 -1.56 0.00

CALVERTON___SOLAR 323806	33.69 2.29 0.00	28.48 1.87 0.00	27.03 1.64 0.00	26.10 1.66 0.00	28.96 1.90 0.00	36.24 2.39 0.00	47.32 3.73 0.00	39.54 3.37 0.00	31.13 2.37 0.00	28.13 1.82 0.00	31.46 2.17 0.00	31.91 2.27 0.00	29.39 2.08 0.00	31.60 2.09 0.00	33.13 2.31 0.00	40.37 3.23 0.00	81.51 4.50 -31.71	94.72 4.44 -49.12	42.90 4.02 0.00	39.34 3.65 -0.64	40.92 3.47 0.00	41.33 2.94 0.00	40.87 2.77 0.00	41.11 2.72 0.00
CANDIGU_WT_PWR 323617	31.03 -0.36 0.00	26.28 -0.34 0.00	24.85 -0.54 0.00	23.89 -0.55 0.00	26.37 -0.68 0.00	33.05 -0.79 0.00	42.40 -1.20 0.00	37.84 0.09 -1.58	28.84 0.07 0.00	26.39 0.09 0.00	29.54 0.25 0.00	29.96 0.31 0.00	27.43 0.12 0.00	38.27 0.05 -8.71	30.99 0.17 0.00	37.56 0.41 0.00	46.62 1.32 0.00	49.90 0.68 -8.06	44.31 0.41 -5.03	36.97 0.29 -1.61	40.20 0.03 -2.71	38.40 -0.41 -0.43	37.76 -0.34 0.00	38.70 -0.30 -0.60
CARR STREET_E_SYR 24060	30.72 -0.68 0.00	26.04 -0.57 0.00	24.79 -0.59 0.00	23.88 -0.56 0.00	26.40 -0.65 0.00	33.06 -0.79 0.00	42.45 -1.15 0.00	35.48 -0.94 -0.25	28.04 -0.72 0.00	25.70 -0.61 0.00	28.61 -0.68 0.00	28.96 -0.69 0.00	26.63 -0.68 0.00	28.71 -0.79 0.00	30.04 -0.78 0.00	36.30 -0.84 0.00	44.61 -0.69 0.00	40.76 -0.41 0.00	38.39 -0.49 0.00	34.59 -0.47 0.00	36.80 -0.66 0.00	37.44 -0.95 0.00	37.15 -0.95 0.00	37.43 -0.97 0.00
CARTHAGE___PAPER 23857	31.51 0.11 0.00	26.53 -0.08 0.00	25.12 -0.27 0.00	24.11 -0.33 0.00	26.74 -0.31 0.00	33.89 0.04 0.00	44.35 0.75 0.00	36.66 0.49 0.00	29.22 0.46 0.00	26.41 0.11 0.00	29.14 -0.16 0.00	29.44 -0.21 0.00	27.22 -0.08 0.00	29.37 -0.13 0.00	30.71 -0.11 0.00	37.48 0.34 0.00	46.32 1.02 0.00	41.95 0.79 0.00	39.79 0.91 0.00	35.90 0.84 0.00	38.54 1.08 0.00	39.53 1.14 0.00	39.10 1.00 0.00	39.35 0.96 0.00
CASSADAGA_WT_PWR 323784	31.53 0.13 0.00	26.71 0.09 0.00	25.20 -0.18 0.00	24.27 -0.18 0.00	26.68 -0.37 0.00	33.39 -0.46 0.00	42.31 -1.29 0.00	33.66 -2.00 0.51	27.42 -1.34 0.00	25.56 -0.74 0.00	28.67 -0.62 0.00	29.42 -0.22 0.00	27.09 -0.22 0.00	18.65 -0.18 10.67	30.58 -0.25 0.00	36.56 -0.59 0.00	45.47 0.17 0.00	33.61 0.84 8.39	33.97 0.34 5.24	33.37 -0.02 1.68	34.36 -0.28 2.82	36.79 -1.16 0.44	37.25 -0.85 0.00	37.42 -0.35 0.63
CE_DUNWOOD___DRP 24194	32.55 1.16 0.00	27.56 0.95 0.00	26.27 0.89 0.00	25.31 0.87 0.00	28.08 1.02 0.00	35.16 1.31 0.00	45.71 2.11 0.00	38.22 2.04 0.00	30.38 1.61 0.00	27.71 1.40 0.00	30.98 1.69 0.00	31.44 1.79 0.00	28.95 1.64 0.00	31.03 1.53 0.00	32.47 1.65 0.00	39.27 2.13 0.00	48.32 3.02 0.00	44.32 3.16 0.00	41.86 2.98 0.00	37.76 2.70 0.00	39.92 2.46 0.00	40.44 2.05 0.00	39.93 1.83 0.00	40.07 1.67 0.00
CE_MILLWOOD___DRP 24193	32.51 1.11 0.00	27.53 0.91 0.00	26.24 0.85 0.00	25.27 0.83 0.00	28.04 0.98 0.00	35.10 1.26 0.00	45.64 2.04 0.00	38.15 1.98 0.00	30.32 1.55 0.00	27.64 1.34 0.00	30.92 1.63 0.00	31.37 1.73 0.00	28.89 1.59 0.00	30.97 1.46 0.00	32.40 1.58 0.00	39.19 2.05 0.00	48.22 2.92 0.00	44.23 3.07 0.00	41.76 2.88 0.00	37.67 2.61 0.00	39.84 2.38 0.00	40.37 1.97 0.00	39.86 1.76 0.00	40.00 1.61 0.00
CE_NYC2_DRP 24202	32.63 1.23 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.36 0.91 0.00	28.12 1.06 0.00	35.26 1.41 0.00	45.87 2.27 0.00	38.42 2.24 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.22 1.92 0.00	31.68 2.04 0.00	29.21 1.90 0.00	31.25 1.75 0.00	32.69 1.86 0.00	39.50 2.36 0.00	48.62 3.32 0.00	44.60 3.44 0.00	42.12 3.24 0.00	38.00 2.94 0.00	40.13 2.67 0.00	40.62 2.22 0.00	40.07 1.97 0.00	40.19 1.80 0.00
CE_NYC_DRP 24195	32.63 1.23 0.00	27.62 1.01 0.00	26.32 0.94 0.00	25.37 0.92 0.00	28.14 1.08 0.00	35.26 1.41 0.00	45.87 2.28 0.00	38.40 2.22 0.00	30.56 1.79 0.00	27.89 1.59 0.00	31.18 1.89 0.00	31.66 2.02 0.00	29.17 1.86 0.00	31.24 1.74 0.00	32.66 1.84 0.00	39.49 2.35 0.00	48.57 3.27 0.00	44.57 3.41 0.00	42.08 3.20 0.00	37.96 2.90 0.00	40.10 2.64 0.00	40.60 2.21 0.00	40.06 1.96 0.00	40.17 1.78 0.00
CHAFFEE___LFGE 323603	30.48 -0.91 0.00	25.84 -0.77 0.00	24.38 -1.01 0.00	23.45 -0.99 0.00	25.74 -1.31 0.00	32.30 -1.55 0.00	40.91 -2.69 0.00	32.79 -2.82 0.56	26.75 -2.01 0.00	24.99 -1.32 0.00	27.91 -1.38 0.00	28.43 -1.21 0.00	26.14 -1.17 0.00	18.32 -1.27 9.91	29.38 -1.44 0.00	35.12 -2.03 0.00	43.67 -1.63 0.00	32.61 -0.73 7.82	32.85 -1.15 4.88	32.20 -1.30 1.56	33.33 -1.50 2.63	35.52 -2.46 0.41	36.07 -2.02 0.00	36.35 -1.46 0.59
CHATEAUG_35_KV_LOAD 355732	32.50 1.11 0.00	27.53 0.92 0.00	26.20 0.82 0.00	25.22 0.78 0.00	27.96 0.91 0.00	35.00 1.15 0.00	45.11 1.51 0.00	37.24 1.07 0.00	29.62 0.86 0.00	27.04 0.74 0.00	29.99 0.70 0.00	30.33 0.69 0.00	28.02 0.71 0.00	30.46 0.96 0.00	31.60 0.77 0.00	37.96 0.82 0.00	45.97 0.68 0.00	41.27 0.11 0.00	39.13 0.25 0.00	35.22 0.16 0.00	37.91 0.45 0.00	39.37 0.98 0.00	39.15 1.05 0.00	39.58 1.19 0.00
CHATEAUG_WT_PWR 323614	32.43 1.03 0.00	27.46 0.85 0.00	26.13 0.74 0.00	25.16 0.71 0.00	27.92 0.86 0.00	34.95 1.10 0.00	45.04 1.44 0.00	37.23 1.06 0.00	29.60 0.84 0.00	27.03 0.72 0.00	30.01 0.72 0.00	30.36 0.72 0.00	28.03 0.72 0.00	30.45 0.94 0.00	31.64 0.82 0.00	38.02 0.87 0.00	46.01 0.71 0.00	41.31 0.15 0.00	39.17 0.29 0.00	35.26 0.20 0.00	37.91 0.45 0.00	39.34 0.94 0.00	39.11 1.01 0.00	39.53 1.14 0.00
CHAT_HIGH_FALL_HYD 323578	32.50 1.11 0.00	27.53 0.91 0.00	26.20 0.82 0.00	25.22 0.78 0.00	27.96 0.91 0.00	35.00 1.15 0.00	45.11 1.51 0.00	37.24 1.07 0.00	29.62 0.86 0.00	27.04 0.74 0.00	29.99 0.70 0.00	30.33 0.68 0.00	28.02 0.71 0.00	30.46 0.96 0.00	31.60 0.77 0.00	37.96 0.82 0.00	45.97 0.68 0.00	41.27 0.11 0.00	39.13 0.25 0.00	35.22 0.16 0.00	37.91 0.45 0.00	39.37 0.98 0.00	39.15 1.05 0.00	39.58 1.19 0.00
CHAUTAUQUA___LFGE 323629	30.90 -0.50 0.00	26.17 -0.45 0.00	24.70 -0.69 0.00	23.77 -0.67 0.00	26.13 -0.92 0.00	32.75 -1.10 0.00	41.53 -2.07 0.00	33.23 -2.40 0.55	27.05 -1.71 0.00	25.18 -1.12 0.00	28.17 -1.12 0.00	28.77 -0.87 0.00	26.44 -0.86 0.00	18.35 -0.90 10.25	29.83 -0.99 0.00	35.68 -1.46 0.00	44.44 -0.86 0.00	32.96 -0.13 8.07	33.27 -0.57 5.04	32.63 -0.82 1.62	33.66 -1.09 2.72	36.00 -1.97 0.43	36.48 -1.62 0.00	36.67 -1.12 0.61
CHERRYST_13_KV_LD 356241	32.71 1.31 0.00	27.69 1.08 0.00	26.39 1.01 0.00	25.44 0.99 0.00	28.21 1.15 0.00	35.35 1.50 0.00	46.01 2.41 0.00	38.51 2.34 0.00	30.66 1.90 0.00	27.99 1.68 0.00	31.30 2.01 0.00	31.78 2.14 0.00	29.27 1.96 0.00	31.35 1.85 0.00	32.77 1.94 0.00	39.63 2.48 0.00	48.75 3.45 0.00	44.72 3.56 0.00	42.22 3.34 0.00	38.07 3.01 0.00	40.22 2.76 0.00	40.71 2.32 0.00	40.17 2.07 0.00	40.29 1.89 0.00

CHESTROR_138KV_BK263 355645	32.30 0.90 0.00	27.36 0.75 0.00	26.08 0.70 0.00	25.12 0.68 0.00	27.87 0.81 0.00	34.88 1.03 0.00	45.31 1.71 0.00	37.83 1.66 0.00	30.05 1.29 0.00	27.38 1.08 0.00	30.58 1.29 0.00	31.02 1.38 0.00	28.57 1.25 0.00	30.62 1.12 0.00	32.06 1.24 0.00	38.80 1.66 0.00	47.77 2.47 0.00	43.78 2.62 0.00	41.33 2.46 0.00	37.28 2.22 0.00	39.47 2.01 0.00	40.04 1.64 0.00	39.55 1.45 0.00	39.71 1.31 0.00
CH_MIDHUDSON___DRP 24192	32.58 1.18 0.00	27.60 0.99 0.00	26.31 0.92 0.00	25.34 0.90 0.00	28.11 1.05 0.00	35.16 1.32 0.00	45.68 2.08 0.00	38.16 1.99 0.00	30.32 1.55 0.00	27.64 1.34 0.00	30.92 1.63 0.00	31.35 1.70 0.00	28.87 1.56 0.00	30.99 1.48 0.00	32.49 1.67 0.00	39.31 2.17 0.00	48.33 3.03 0.00	44.31 3.15 0.00	41.86 2.98 0.00	37.79 2.73 0.00	39.96 2.50 0.00	40.51 2.12 0.00	40.04 1.94 0.00	40.17 1.78 0.00
CH_MISC_IPPS 23765	32.76 1.36 0.00	27.75 1.13 0.00	26.44 1.05 0.00	25.46 1.02 0.00	28.25 1.19 0.00	35.37 1.51 0.00	45.97 2.37 0.00	38.41 2.24 0.00	30.51 1.75 0.00	27.80 1.50 0.00	31.08 1.79 0.00	31.51 1.86 0.00	29.01 1.70 0.00	31.14 1.63 0.00	32.63 1.81 0.00	39.51 2.37 0.00	48.64 3.34 0.00	44.61 3.45 0.00	42.14 3.26 0.00	38.04 2.98 0.00	40.23 2.76 0.00	40.76 2.37 0.00	40.27 2.17 0.00	40.39 1.99 0.00
CH_RES_BVR_FALLS 23983	31.44 0.04 0.00	26.59 -0.03 0.00	25.34 -0.05 0.00	24.40 -0.04 0.00	27.00 -0.06 0.00	33.84 -0.02 0.00	43.55 -0.05 0.00	36.00 -0.17 0.00	28.65 -0.11 0.00	26.24 -0.07 0.00	29.20 -0.09 0.00	29.57 -0.08 0.00	27.32 0.01 0.00	29.60 0.10 0.00	30.84 0.02 0.00	37.06 -0.09 0.00	44.89 -0.41 0.00	40.41 -0.75 0.00	38.29 -0.59 0.00	34.53 -0.53 0.00	37.14 -0.31 0.00	38.37 -0.02 0.00	38.12 0.02 0.00	38.50 0.11 0.00
CH_RES_NIAGARA 23895	29.34 -2.06 0.00	24.90 -1.72 0.00	23.48 -1.90 0.00	22.57 -1.88 0.00	24.70 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.64 0.72	25.37 -3.39 0.00	23.80 -2.50 0.00	26.55 -2.74 0.00	27.05 -2.60 0.00	24.90 -2.41 0.00	19.17 -2.58 7.75	27.98 -2.84 0.00	33.37 -3.77 0.00	41.26 -4.04 0.00	32.26 -2.71 6.19	31.92 -3.09 3.87	30.71 -3.11 1.24	31.99 -3.39 2.08	33.60 -4.47 0.33	34.14 -3.95 0.00	34.86 -3.07 0.46
CH_RES_SYRACUSE 23985	30.99 -0.41 0.00	26.27 -0.34 0.00	25.02 -0.37 0.00	24.10 -0.35 0.00	26.65 -0.41 0.00	33.36 -0.49 0.00	42.96 -0.64 0.00	36.50 -0.49 -0.82	28.38 -0.38 0.00	26.01 -0.30 0.00	28.94 -0.36 0.00	29.28 -0.37 0.00	26.92 -0.39 0.00	29.03 -0.47 0.00	30.38 -0.44 0.00	36.73 -0.42 0.00	45.16 -0.14 0.00	41.26 0.10 0.00	38.86 -0.01 0.00	35.01 -0.05 0.00	37.26 -0.20 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.87 -0.53 0.00
CLINTON_WT_PWR 323605	32.43 1.03 0.00	27.46 0.85 0.00	26.13 0.74 0.00	25.16 0.71 0.00	27.92 0.86 0.00	34.95 1.10 0.00	45.04 1.44 0.00	37.23 1.06 0.00	29.60 0.84 0.00	27.03 0.72 0.00	30.01 0.72 0.00	30.36 0.72 0.00	28.03 0.72 0.00	30.45 0.94 0.00	31.64 0.82 0.00	38.02 0.87 0.00	46.01 0.71 0.00	41.31 0.15 0.00	39.17 0.29 0.00	35.26 0.20 0.00	37.91 0.45 0.00	39.34 0.94 0.00	39.11 1.01 0.00	39.53 1.14 0.00
CLINTON___LFGE 323618	32.95 1.55 0.00	27.90 1.28 0.00	26.54 1.16 0.00	25.59 1.14 0.00	28.38 1.32 0.00	35.54 1.70 0.00	45.94 2.34 0.00	38.00 1.83 0.00	30.19 1.43 0.00	27.55 1.25 0.00	30.58 1.29 0.00	30.98 1.33 0.00	28.57 1.27 0.00	31.02 1.52 0.00	32.25 1.42 0.00	38.79 1.65 0.00	47.03 1.74 0.00	42.32 1.16 0.00	40.08 1.21 0.00	36.07 1.01 0.00	38.72 1.26 0.00	40.14 1.75 0.00	39.89 1.79 0.00	40.29 1.89 0.00
COBBLENY_34_KV_TB1 80064	30.48 -0.92 0.00	25.84 -0.77 0.00	24.38 -1.01 0.00	23.46 -0.98 0.00	25.75 -1.31 0.00	32.31 -1.54 0.00	40.91 -2.69 0.00	32.79 -2.82 0.56	26.75 -2.01 0.00	24.99 -1.32 0.00	27.91 -1.38 0.00	28.44 -1.21 0.00	26.14 -1.17 0.00	28.24 -1.27 0.00	29.38 -1.44 0.00	35.11 -2.03 0.00	43.66 -1.64 0.00	40.39 -0.77 0.00	37.70 -1.18 0.00	33.75 -1.31 0.00	35.96 -1.50 0.00	35.94 -2.45 0.00	36.08 -2.02 0.00	36.94 -1.46 0.00
COFFEEN___115KV_TB3 355620	31.36 -0.04 0.00	26.41 -0.21 0.00	24.99 -0.39 0.00	23.96 -0.48 0.00	26.58 -0.48 0.00	33.71 -0.14 0.00	44.20 0.60 0.00	36.57 0.40 0.00	29.15 0.38 0.00	26.27 -0.04 0.00	28.92 -0.37 0.00	29.24 -0.40 0.00	27.02 -0.29 0.00	29.11 -0.39 0.00	30.47 -0.35 0.00	37.29 0.14 0.00	46.38 1.08 0.00	42.20 1.04 0.00	39.95 1.08 0.00	36.01 0.95 0.00	38.61 1.14 0.00	39.47 1.07 0.00	39.02 0.92 0.00	39.21 0.81 0.00
COLDSPRG_115KV_BK1 355956	31.95 0.55 0.00	27.10 0.49 0.00	25.61 0.22 0.00	24.69 0.24 0.00	27.18 0.12 0.00	34.07 0.22 0.00	43.26 -0.34 0.00	34.87 -0.84 0.46	28.26 -0.51 0.00	26.31 0.00 0.00	29.60 0.31 0.00	30.26 0.61 0.00	27.80 0.49 0.00	29.98 0.48 0.00	31.17 0.35 0.00	37.26 0.12 0.00	46.31 1.02 0.00	42.75 1.59 0.00	39.93 1.05 0.00	35.73 0.67 0.00	37.97 0.51 0.00	38.00 -0.40 0.00	38.08 -0.02 0.00	38.84 0.45 0.00
COLONIE_LFGE___ 323577	32.19 0.79 0.00	27.27 0.65 0.00	26.00 0.61 0.00	25.06 0.62 0.00	27.80 0.74 0.00	34.78 0.93 0.00	44.95 1.35 0.00	37.46 1.29 0.00	29.75 0.99 0.00	27.17 0.86 0.00	30.38 1.09 0.00	30.70 1.06 0.00	28.24 0.93 0.00	30.46 0.95 0.00	32.01 1.19 0.00	38.68 1.54 0.00	47.32 2.02 0.00	43.29 2.12 0.00	40.82 1.94 0.00	36.82 1.76 0.00	39.08 1.62 0.00	39.86 1.47 0.00	39.47 1.37 0.00	39.66 1.27 0.00
COOPERNY_115KV_TB1 80082	32.05 0.65 0.00	27.16 0.54 0.00	25.88 0.50 0.00	24.92 0.48 0.00	27.64 0.58 0.00	34.58 0.73 0.00	44.85 1.25 0.00	37.40 1.23 0.00	29.71 0.94 0.00	27.10 0.80 0.00	30.24 0.95 0.00	30.67 1.03 0.00	28.23 0.92 0.00	30.31 0.81 0.00	31.72 0.90 0.00	38.35 1.21 0.00	47.15 1.85 0.00	43.12 1.96 0.00	40.72 1.84 0.00	36.73 1.66 0.00	38.94 1.49 0.00	39.57 1.18 0.00	39.14 1.04 0.00	39.34 0.95 0.00
COPENHAGEN_WT_PWR 323753	30.96 -0.44 0.00	26.05 -0.56 0.00	24.63 -0.76 0.00	23.54 -0.90 0.00	26.14 -0.92 0.00	33.19 -0.66 0.00	43.54 -0.06 0.00	35.95 -0.23 0.00	28.71 -0.05 0.00	25.97 -0.34 0.00	28.68 -0.61 0.00	29.04 -0.60 0.00	26.88 -0.43 0.00	28.97 -0.54 0.00	30.28 -0.54 0.00	36.94 -0.20 0.00	45.77 0.47 0.00	41.55 0.38 0.00	39.35 0.47 0.00	35.50 0.44 0.00	38.09 0.63 0.00	38.97 0.58 0.00	38.59 0.49 0.00	38.82 0.43 0.00
CORNELL_____ 23752	31.85 0.46 0.00	26.98 0.37 0.00	25.64 0.26 0.00	24.69 0.25 0.00	27.31 0.25 0.00	34.26 0.41 0.00	44.22 0.62 0.00	38.17 0.67 -1.33	29.32 0.56 0.00	26.83 0.52 0.00	29.79 0.50 0.00	30.07 0.43 0.00	27.58 0.27 0.00	29.71 0.20 0.00	31.13 0.31 0.00	37.80 0.65 0.00	46.76 1.46 0.00	42.70 1.53 0.00	40.19 1.32 0.00	36.18 1.12 0.00	38.46 1.00 0.00	39.03 0.64 0.00	38.72 0.62 0.00	39.01 0.61 0.00

CORONA__69_KV_TB1 355595	33.21 1.81 0.00	28.09 1.48 0.00	26.70 1.32 0.00	25.75 1.31 0.00	28.56 1.51 0.00	35.76 1.92 0.00	46.58 2.99 0.00	38.92 2.75 0.00	30.91 2.15 0.00	28.15 1.85 0.00	31.56 2.27 0.00	32.00 2.36 0.00	29.48 2.17 0.00	31.62 2.11 0.00	33.09 2.27 0.00	40.05 2.91 0.00	80.97 3.96 -31.71	94.34 4.06 -49.12	42.70 3.83 0.00	39.17 3.47 -0.64	40.81 3.35 0.00	41.22 2.83 0.00	40.70 2.60 0.00	40.83 2.43 0.00
CORTLAND__115KV_TB3 80093	31.56 0.17 0.00	26.74 0.13 0.00	25.42 0.04 0.00	24.49 0.05 0.00	27.09 0.04 0.00	33.98 0.13 0.00	43.86 0.26 0.00	37.24 0.34 -0.73	29.04 0.28 0.00	26.57 0.27 0.00	29.55 0.26 0.00	29.86 0.22 0.00	27.40 0.09 0.00	29.52 0.02 0.00	30.92 0.10 0.00	37.47 0.33 0.00	46.23 0.93 0.00	42.22 1.06 0.00	39.78 0.90 0.00	35.83 0.77 0.00	38.09 0.63 0.00	38.71 0.33 0.00	38.40 0.30 0.00	38.66 0.26 0.00
COXSACKIE__GT 23611	33.37 1.98 0.00	28.24 1.62 0.00	26.89 1.50 0.00	25.91 1.46 0.00	28.76 1.70 0.00	36.10 2.25 0.00	46.79 3.19 0.00	39.07 2.90 0.00	31.02 2.26 0.00	28.12 1.81 0.00	31.00 1.71 0.00	31.20 1.56 0.00	28.68 1.37 0.00	31.10 1.60 0.00	32.85 2.03 0.00	40.16 3.02 0.00	49.77 4.47 0.00	45.78 4.61 0.00	43.15 4.27 0.00	38.86 3.80 0.00	41.13 3.67 0.00	41.86 3.47 0.00	41.38 3.28 0.00	41.48 3.09 0.00
CPV_VALLEY__CC1 323721	32.05 0.65 0.00	27.17 0.55 0.00	25.89 0.50 0.00	24.94 0.50 0.00	27.66 0.61 0.00	34.61 0.76 0.00	44.93 1.33 0.00	37.50 1.33 0.00	29.79 1.03 0.00	27.17 0.87 0.00	30.35 1.06 0.00	30.80 1.15 0.00	28.35 1.04 0.00	30.41 0.91 0.00	31.82 1.00 0.00	38.47 1.33 0.00	47.32 2.02 0.00	43.33 2.17 0.00	40.93 2.05 0.00	36.91 1.85 0.00	39.09 1.64 0.00	39.67 1.28 0.00	39.21 1.11 0.00	39.39 0.99 0.00
CPV_VALLEY__CC2 323722	32.05 0.65 0.00	27.17 0.55 0.00	25.89 0.50 0.00	24.94 0.50 0.00	27.66 0.61 0.00	34.61 0.76 0.00	44.93 1.33 0.00	37.50 1.33 0.00	29.79 1.03 0.00	27.17 0.87 0.00	30.35 1.06 0.00	30.80 1.15 0.00	28.35 1.04 0.00	30.41 0.91 0.00	31.82 1.00 0.00	38.47 1.33 0.00	47.32 2.02 0.00	43.33 2.17 0.00	40.93 2.05 0.00	36.91 1.85 0.00	39.09 1.64 0.00	39.67 1.28 0.00	39.21 1.11 0.00	39.39 0.99 0.00
CRESCENT__HYD 24018	32.19 0.79 0.00	27.27 0.65 0.00	26.00 0.61 0.00	25.06 0.62 0.00	27.80 0.74 0.00	34.78 0.93 0.00	44.95 1.35 0.00	37.46 1.29 0.00	29.75 0.99 0.00	27.17 0.86 0.00	30.38 1.09 0.00	30.70 1.06 0.00	28.24 0.93 0.00	30.46 0.95 0.00	32.01 1.19 0.00	38.68 1.54 0.00	47.32 2.02 0.00	43.29 2.12 0.00	40.82 1.94 0.00	36.82 1.76 0.00	39.08 1.62 0.00	39.86 1.47 0.00	39.47 1.37 0.00	39.66 1.27 0.00
CRICKET__VALLEY_CC1 323756	32.30 0.90 0.00	27.40 0.78 0.00	26.12 0.74 0.00	25.17 0.73 0.00	27.92 0.87 0.00	34.83 0.98 0.00	45.19 1.59 0.00	37.76 1.59 0.00	29.98 1.22 0.00	27.36 1.06 0.00	30.69 1.40 0.00	31.09 1.45 0.00	28.65 1.34 0.00	30.77 1.26 0.00	32.30 1.48 0.00	39.02 1.88 0.00	47.82 2.52 0.00	43.81 2.65 0.00	41.41 2.54 0.00	37.44 2.38 0.00	39.55 2.09 0.00	40.11 1.72 0.00	39.69 1.59 0.00	39.84 1.44 0.00
CRICKET__VALLEY_CC2 323757	32.30 0.90 0.00	27.40 0.78 0.00	26.12 0.74 0.00	25.17 0.73 0.00	27.92 0.87 0.00	34.83 0.98 0.00	45.19 1.59 0.00	37.76 1.59 0.00	29.98 1.22 0.00	27.36 1.06 0.00	30.69 1.40 0.00	31.09 1.45 0.00	28.65 1.34 0.00	30.77 1.26 0.00	32.30 1.48 0.00	39.02 1.88 0.00	47.82 2.52 0.00	43.81 2.65 0.00	41.41 2.54 0.00	37.44 2.38 0.00	39.55 2.09 0.00	40.11 1.72 0.00	39.69 1.59 0.00	39.84 1.44 0.00
CRICKET__VALLEY_CC3 323758	32.30 0.90 0.00	27.40 0.78 0.00	26.12 0.74 0.00	25.17 0.73 0.00	27.92 0.87 0.00	34.83 0.98 0.00	45.19 1.59 0.00	37.76 1.59 0.00	29.98 1.22 0.00	27.36 1.06 0.00	30.69 1.40 0.00	31.09 1.45 0.00	28.65 1.34 0.00	30.77 1.26 0.00	32.30 1.48 0.00	39.02 1.88 0.00	47.82 2.52 0.00	43.81 2.65 0.00	41.41 2.54 0.00	37.44 2.38 0.00	39.55 2.09 0.00	40.11 1.72 0.00	39.69 1.59 0.00	39.84 1.44 0.00
CRUCIBLE_METL_DRP 24180	30.99 -0.41 0.00	26.27 -0.34 0.00	25.02 -0.37 0.00	24.10 -0.35 0.00	26.65 -0.41 0.00	33.36 -0.49 0.00	42.96 -0.64 0.00	36.50 -0.49 -0.82	28.38 -0.38 0.00	26.01 -0.30 0.00	28.94 -0.36 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.03 -0.47 0.00	30.38 -0.44 0.00	36.73 -0.42 0.00	45.16 -0.14 0.00	41.25 0.09 0.00	38.86 -0.02 0.00	35.02 -0.05 0.00	37.26 -0.20 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.87 -0.53 0.00
DAHOWA__HYDRO 323763	32.77 1.37 0.00	27.73 1.12 0.00	26.43 1.05 0.00	25.51 1.06 0.00	28.30 1.25 0.00	35.49 1.64 0.00	45.97 2.37 0.00	38.38 2.21 0.00	30.50 1.73 0.00	27.82 1.52 0.00	31.04 1.75 0.00	31.35 1.70 0.00	28.72 1.41 0.00	30.89 1.39 0.00	32.37 1.56 0.00	39.22 2.08 0.00	48.20 2.90 0.00	44.03 2.87 0.00	41.52 2.64 0.00	37.39 2.34 0.00	39.60 2.14 0.00	40.35 1.96 0.00	39.94 1.85 0.00	40.10 1.70 0.00
DANC__LFGE 323619	30.71 -0.69 0.00	25.92 -0.70 0.00	24.56 -0.82 0.00	23.56 -0.89 0.00	26.11 -0.95 0.00	32.99 -0.86 0.00	42.99 -0.61 0.00	35.81 -0.60 -0.24	28.36 -0.40 0.00	25.77 -0.54 0.00	28.54 -0.75 0.00	28.89 -0.75 0.00	26.66 -0.65 0.00	28.72 -0.78 0.00	30.05 -0.77 0.00	36.54 -0.60 0.00	45.15 -0.15 0.00	41.10 -0.06 0.00	38.84 -0.04 0.00	35.04 -0.02 0.00	37.47 0.01 0.00	38.28 -0.12 0.00	37.92 -0.17 0.00	38.16 -0.24 0.00
DANSKAMMER__1 23586	32.76 1.36 0.00	27.75 1.13 0.00	26.44 1.05 0.00	25.46 1.02 0.00	28.25 1.19 0.00	35.37 1.51 0.00	45.97 2.37 0.00	38.41 2.24 0.00	30.51 1.75 0.00	27.80 1.50 0.00	31.08 1.79 0.00	31.51 1.86 0.00	29.01 1.70 0.00	31.14 1.63 0.00	32.63 1.81 0.00	39.51 2.37 0.00	48.64 3.34 0.00	44.61 3.45 0.00	42.14 3.26 0.00	38.04 2.98 0.00	40.23 2.76 0.00	40.76 2.37 0.00	40.27 2.17 0.00	40.39 1.99 0.00
DANSKAMMER__2 23589	32.76 1.36 0.00	27.75 1.13 0.00	26.44 1.05 0.00	25.46 1.02 0.00	28.25 1.19 0.00	35.37 1.51 0.00	45.97 2.37 0.00	38.41 2.24 0.00	30.51 1.75 0.00	27.80 1.50 0.00	31.08 1.79 0.00	31.51 1.86 0.00	29.01 1.70 0.00	31.14 1.63 0.00	32.63 1.81 0.00	39.51 2.37 0.00	48.64 3.34 0.00	44.61 3.45 0.00	42.14 3.26 0.00	38.04 2.98 0.00	40.23 2.76 0.00	40.76 2.37 0.00	40.27 2.17 0.00	40.39 1.99 0.00
DANSKAMMER__3 23590	32.76 1.36 0.00	27.75 1.13 0.00	26.44 1.05 0.00	25.46 1.02 0.00	28.25 1.19 0.00	35.37 1.51 0.00	45.97 2.37 0.00	38.41 2.24 0.00	30.51 1.75 0.00	27.80 1.50 0.00	31.08 1.79 0.00	31.51 1.86 0.00	29.01 1.70 0.00	31.14 1.63 0.00	32.63 1.81 0.00	39.51 2.37 0.00	48.64 3.34 0.00	44.61 3.45 0.00	42.14 3.26 0.00	38.04 2.98 0.00	40.23 2.76 0.00	40.76 2.37 0.00	40.27 2.17 0.00	40.39 1.99 0.00

DANSKAMMER___4 23591	32.76 1.36 0.00	27.75 1.13 0.00	26.44 1.05 0.00	25.46 1.02 0.00	28.25 1.19 0.00	35.37 1.51 0.00	45.97 2.37 0.00	38.41 2.24 0.00	30.51 1.75 0.00	27.80 1.50 0.00	31.08 1.79 0.00	31.51 1.86 0.00	29.01 1.70 0.00	31.14 1.63 0.00	32.63 1.81 0.00	39.51 2.37 0.00	48.64 3.34 0.00	44.61 3.45 0.00	42.14 3.26 0.00	38.04 2.98 0.00	40.23 2.76 0.00	40.76 2.37 0.00	40.27 2.17 0.00	40.39 1.99 0.00
DANSKAMMER___DIESEL 23592	32.76 1.36 0.00	27.75 1.13 0.00	26.44 1.05 0.00	25.46 1.02 0.00	28.25 1.19 0.00	35.37 1.51 0.00	45.97 2.37 0.00	38.41 2.23 0.00	30.51 1.75 0.00	27.80 1.50 0.00	31.08 1.79 0.00	31.51 1.86 0.00	29.01 1.70 0.00	31.14 1.63 0.00	32.64 1.81 0.00	39.51 2.37 0.00	48.64 3.34 0.00	44.62 3.45 0.00	42.14 3.27 0.00	38.04 2.98 0.00	40.23 2.76 0.00	40.76 2.37 0.00	40.27 2.17 0.00	40.39 1.99 0.00
DARBY___SOLAR 323810	32.68 1.29 0.00	27.66 1.05 0.00	26.36 0.98 0.00	25.44 1.00 0.00	28.23 1.17 0.00	35.36 1.51 0.00	45.79 2.19 0.00	38.21 2.04 0.00	30.36 1.60 0.00	27.70 1.40 0.00	30.91 1.62 0.00	31.20 1.56 0.00	28.60 1.29 0.00	30.78 1.28 0.00	32.27 1.45 0.00	39.10 1.96 0.00	48.01 2.72 0.00	43.87 2.71 0.00	41.38 2.50 0.00	37.28 2.22 0.00	39.50 2.04 0.00	40.25 1.85 0.00	39.85 1.76 0.00	40.01 1.62 0.00
DASHVILLE___HYD 23610	32.38 0.98 0.00	27.44 0.82 0.00	26.15 0.76 0.00	25.18 0.74 0.00	27.93 0.87 0.00	34.94 1.09 0.00	45.35 1.75 0.00	37.87 1.70 0.00	30.09 1.33 0.00	27.45 1.15 0.00	30.71 1.42 0.00	31.13 1.48 0.00	28.66 1.35 0.00	30.76 1.26 0.00	32.30 1.47 0.00	39.13 1.99 0.00	48.17 2.87 0.00	44.17 3.00 0.00	41.73 2.85 0.00	37.69 2.63 0.00	39.84 2.38 0.00	40.35 1.95 0.00	39.86 1.76 0.00	39.99 1.59 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.22 2.82 0.00	28.93 2.32 0.00	27.45 2.06 0.00	26.52 2.08 0.00	29.42 2.36 0.00	36.84 2.99 0.00	48.14 4.54 0.00	40.25 4.08 0.00	31.65 2.89 0.00	28.57 2.27 0.00	31.92 2.62 0.00	32.37 2.73 0.00	29.80 2.49 0.00	32.05 2.54 0.00	33.60 2.77 0.00	40.84 3.70 0.00	82.38 5.37 -31.71	95.56 5.28 -49.12	43.69 4.81 0.00	39.99 4.30 -0.64	41.57 4.11 0.00	41.97 3.58 0.00	41.50 3.40 0.00	41.73 3.33 0.00
DELAWARE___LFGE 323621	32.15 0.75 0.00	27.24 0.62 0.00	25.94 0.55 0.00	24.96 0.52 0.00	27.64 0.59 0.00	34.64 0.78 0.00	44.84 1.23 0.00	37.78 1.19 -0.42	29.69 0.93 0.00	27.13 0.83 0.00	30.27 0.98 0.00	30.65 1.01 0.00	28.19 0.88 0.00	30.33 0.83 0.00	31.75 0.93 0.00	38.42 1.27 0.00	47.19 1.89 0.00	43.06 1.89 0.00	40.63 1.75 0.00	36.64 1.58 0.00	38.91 1.46 0.00	39.59 1.20 0.00	39.25 1.15 0.00	39.50 1.10 0.00
DERFIELD_115KV_TB7 355931	31.41 0.01 0.00	26.61 0.00 0.00	25.36 -0.03 0.00	24.44 0.00 0.00	27.06 0.00 0.00	33.89 0.04 0.00	43.73 0.12 0.00	36.37 0.20 0.00	28.92 0.16 0.00	26.41 0.11 0.00	29.43 0.14 0.00	29.79 0.15 0.00	27.42 0.11 0.00	29.59 0.09 0.00	30.97 0.15 0.00	37.40 0.26 0.00	45.75 0.45 0.00	41.71 0.54 0.00	39.36 0.48 0.00	35.51 0.45 0.00	37.83 0.37 0.00	38.65 0.26 0.00	38.30 0.20 0.00	38.56 0.16 0.00
DOGLEVILLE___HYD 23807	31.28 -0.12 0.00	26.47 -0.15 0.00	25.21 -0.17 0.00	24.30 -0.15 0.00	27.04 -0.01 0.00	33.91 0.06 0.00	44.12 0.52 0.00	36.99 0.82 0.00	29.26 0.50 0.00	26.51 0.21 0.00	29.61 0.32 0.00	29.88 0.23 0.00	27.34 0.03 0.00	29.43 -0.07 0.00	31.09 0.27 0.00	37.90 0.76 0.00	46.85 1.55 0.00	43.04 1.88 0.00	40.60 1.72 0.00	36.65 1.59 0.00	38.77 1.31 0.00	39.27 0.88 0.00	38.74 0.64 0.00	38.84 0.44 0.00
DUNKIRK___115KV_TB_200 55889	30.81 -0.59 0.00	26.10 -0.52 0.00	24.63 -0.75 0.00	23.71 -0.73 0.00	26.05 -1.00 0.00	32.66 -1.19 0.00	41.43 -2.17 0.00	33.18 -2.44 0.55	27.01 -1.75 0.00	25.14 -1.16 0.00	28.12 -1.18 0.00	28.70 -0.94 0.00	26.37 -0.94 0.00	28.52 -0.99 0.00	29.74 -1.09 0.00	35.56 -1.58 0.00	44.31 -0.99 0.00	40.87 -0.29 0.00	38.16 -0.72 0.00	34.13 -0.94 0.00	36.28 -1.18 0.00	36.32 -2.07 0.00	36.39 -1.71 0.00	37.18 -1.22 0.00
DUNKIRK___1 23563	30.81 -0.59 0.00	26.10 -0.52 0.00	24.63 -0.75 0.00	23.71 -0.73 0.00	26.05 -1.00 0.00	32.66 -1.19 0.00	41.43 -2.17 0.00	33.18 -2.44 0.55	27.01 -1.75 0.00	25.14 -1.16 0.00	28.12 -1.18 0.00	28.70 -0.94 0.00	26.37 -0.94 0.00	28.52 -0.99 0.00	29.74 -1.09 0.00	35.56 -1.58 0.00	44.31 -0.99 0.00	40.87 -0.29 0.00	38.16 -0.72 0.00	34.13 -0.94 0.00	36.28 -1.18 0.00	36.32 -2.07 0.00	36.39 -1.71 0.00	37.18 -1.22 0.00
DUNKIRK___2 23564	30.81 -0.59 0.00	26.10 -0.52 0.00	24.63 -0.75 0.00	23.71 -0.73 0.00	26.05 -1.00 0.00	32.66 -1.19 0.00	41.43 -2.17 0.00	33.18 -2.44 0.55	27.01 -1.75 0.00	25.14 -1.16 0.00	28.12 -1.18 0.00	28.70 -0.94 0.00	26.37 -0.94 0.00	28.52 -0.99 0.00	29.74 -1.09 0.00	35.56 -1.58 0.00	44.31 -0.99 0.00	40.87 -0.29 0.00	38.16 -0.72 0.00	34.13 -0.94 0.00	36.28 -1.18 0.00	36.32 -2.07 0.00	36.39 -1.71 0.00	37.18 -1.22 0.00
DUNKIRK___3 23565	30.65 -0.74 0.00	25.98 -0.63 0.00	24.53 -0.86 0.00	23.62 -0.83 0.00	25.97 -1.09 0.00	32.54 -1.31 0.00	41.27 -2.33 0.00	33.12 -2.51 0.54	26.92 -1.84 0.00	25.05 -1.26 0.00	28.06 -1.24 0.00	28.63 -1.01 0.00	26.30 -1.01 0.00	28.42 -1.09 0.00	29.62 -1.20 0.00	35.45 -1.69 0.00	44.09 -1.21 0.00	40.64 -0.52 0.00	37.95 -0.92 0.00	33.95 -1.11 0.00	36.11 -1.35 0.00	36.16 -2.23 0.00	36.26 -1.84 0.00	37.04 -1.36 0.00
DUNKIRK___4 23566	30.71 -0.68 0.00	26.03 -0.59 0.00	24.56 -0.82 0.00	23.65 -0.79 0.00	25.97 -1.09 0.00	32.56 -1.29 0.00	41.25 -2.35 0.00	32.97 -2.60 0.60	26.89 -1.87 0.00	25.07 -1.23 0.00	28.05 -1.24 0.00	28.63 -1.01 0.00	26.31 -1.00 0.00	28.45 -1.06 0.00	29.64 -1.18 0.00	35.44 -1.70 0.00	44.09 -1.21 0.00	40.72 -0.44 0.00	38.00 -0.88 0.00	33.99 -1.07 0.00	36.16 -1.30 0.00	36.17 -2.22 0.00	36.29 -1.81 0.00	37.10 -1.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.61 1.21 0.00	27.61 0.99 0.00	26.30 0.92 0.00	25.35 0.90 0.00	28.12 1.06 0.00	35.20 1.35 0.00	45.77 2.17 0.00	38.27 2.10 0.00	30.43 1.67 0.00	27.76 1.46 0.00	31.05 1.76 0.00	31.51 1.86 0.00	29.03 1.72 0.00	31.11 1.60 0.00	32.53 1.71 0.00	39.35 2.21 0.00	48.41 3.11 0.00	44.41 3.25 0.00	41.94 3.06 0.00	37.83 2.77 0.00	39.99 2.54 0.00	40.50 2.11 0.00	40.00 1.90 0.00	40.13 1.74 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.50 1.11 0.00	27.53 0.92 0.00	26.24 0.85 0.00	25.26 0.82 0.00	28.03 0.98 0.00	35.09 1.24 0.00	45.61 2.01 0.00	38.10 1.92 0.00	30.26 1.49 0.00	27.57 1.27 0.00	30.80 1.51 0.00	31.23 1.59 0.00	28.76 1.45 0.00	30.83 1.33 0.00	32.30 1.48 0.00	39.10 1.96 0.00	48.16 2.87 0.00	44.17 3.00 0.00	41.72 2.84 0.00	37.64 2.58 0.00	39.84 2.37 0.00	40.36 1.97 0.00	39.87 1.77 0.00	40.02 1.62 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.62 1.22 0.00	27.62 1.01 0.00	26.37 0.98 0.00	25.36 0.91 0.00	28.08 1.03 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.44 2.27 0.00	30.58 1.82 0.00	27.87 1.56 0.00	31.18 1.88 0.00	31.65 2.01 0.00	29.19 1.88 0.00	31.20 1.70 0.00	32.65 1.83 0.00	39.44 2.30 0.00	48.57 3.27 0.00	44.56 3.40 0.00	42.06 3.18 0.00	37.98 2.91 0.00	40.08 2.62 0.00	40.59 2.20 0.00	40.03 1.93 0.00	40.16 1.77 0.00
E179THST_13_KV_LOAD 356214	32.73 1.34 0.00	27.72 1.11 0.00	26.45 1.07 0.00	25.44 0.99 0.00	28.17 1.11 0.00	35.38 1.53 0.00	46.04 2.44 0.00	38.60 2.43 0.00	30.71 1.95 0.00	27.99 1.69 0.00	31.32 2.02 0.00	31.79 2.15 0.00	29.32 2.01 0.00	31.34 1.84 0.00	32.81 1.98 0.00	39.62 2.47 0.00	48.80 3.50 0.00	44.80 3.63 0.00	42.27 3.39 0.00	38.16 3.10 0.00	40.28 2.82 0.00	40.78 2.39 0.00	40.21 2.11 0.00	40.33 1.94 0.00
EAST HAMPTON___GT 23717	34.57 3.18 0.00	29.24 2.63 0.00	27.73 2.34 0.00	26.81 2.36 0.00	29.73 2.68 0.00	37.26 3.41 0.00	48.70 5.10 0.00	40.72 4.55 0.00	32.03 3.26 0.00	28.91 2.61 0.00	32.26 2.97 0.00	32.70 3.06 0.00	30.10 2.79 0.00	32.37 2.87 0.00	33.92 3.09 0.00	41.02 3.87 0.00	83.02 6.01 -31.71	96.20 5.91 -49.12	44.30 5.42 0.00	40.48 4.79 -0.64	42.05 4.59 0.00	42.44 4.05 0.00	41.95 3.86 0.00	42.17 3.78 0.00
EAST RIVER___6 23660	32.65 1.25 0.00	27.64 1.02 0.00	26.34 0.96 0.00	25.38 0.94 0.00	28.15 1.10 0.00	35.28 1.43 0.00	45.93 2.33 0.00	38.47 2.30 0.00	30.62 1.86 0.00	27.95 1.64 0.00	31.26 1.97 0.00	31.75 2.10 0.00	29.23 1.93 0.00	31.32 1.81 0.00	32.73 1.91 0.00	39.59 2.44 0.00	48.71 3.41 0.00	44.67 3.51 0.00	42.18 3.30 0.00	38.03 2.97 0.00	40.16 2.70 0.00	40.67 2.27 0.00	40.12 2.02 0.00	40.23 1.83 0.00
EAST RIVER___7 23524	32.65 1.25 0.00	27.64 1.02 0.00	26.34 0.96 0.00	25.38 0.94 0.00	28.15 1.10 0.00	35.28 1.43 0.00	45.93 2.33 0.00	38.47 2.30 0.00	30.62 1.86 0.00	27.95 1.64 0.00	31.26 1.97 0.00	31.75 2.10 0.00	29.23 1.93 0.00	31.32 1.81 0.00	32.73 1.91 0.00	39.59 2.44 0.00	48.71 3.41 0.00	44.67 3.51 0.00	42.18 3.30 0.00	38.03 2.97 0.00	40.16 2.70 0.00	40.67 2.27 0.00	40.12 2.02 0.00	40.23 1.83 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.55 1.16 0.00	27.56 0.95 0.00	26.27 0.89 0.00	25.31 0.87 0.00	28.08 1.02 0.00	35.16 1.31 0.00	45.71 2.11 0.00	38.22 2.04 0.00	30.38 1.61 0.00	27.71 1.40 0.00	30.98 1.69 0.00	31.44 1.79 0.00	28.95 1.64 0.00	31.03 1.53 0.00	32.47 1.65 0.00	39.27 2.13 0.00	48.32 3.02 0.00	44.32 3.16 0.00	41.86 2.98 0.00	37.76 2.70 0.00	39.92 2.46 0.00	40.44 2.05 0.00	39.93 1.83 0.00	40.07 1.67 0.00
EAST_HAMPTON___DIESEL 23722	34.57 3.18 0.00	29.24 2.63 0.00	27.73 2.34 0.00	26.81 2.36 0.00	29.74 2.68 0.00	37.26 3.41 0.00	48.70 5.10 0.00	40.73 4.56 0.00	32.03 3.26 0.00	28.91 2.61 0.00	32.27 2.98 0.00	32.70 3.06 0.00	30.10 2.79 0.00	32.37 2.87 0.00	33.92 3.10 0.00	41.02 3.88 0.00	83.02 6.01 -31.71	96.20 5.91 -49.12	44.30 5.42 0.00	40.48 4.78 -0.64	42.04 4.58 0.00	42.41 4.02 0.00	41.94 3.85 0.00	42.16 3.76 0.00
EAST_PULASKI___ESR 323781	30.58 -0.82 0.00	25.88 -0.74 0.00	24.59 -0.79 0.00	23.65 -0.79 0.00	26.17 -0.88 0.00	32.89 -0.96 0.00	42.58 -1.02 0.00	35.61 -0.86 -0.30	28.11 -0.66 0.00	25.66 -0.64 0.00	28.48 -0.81 0.00	28.82 -0.83 0.00	26.53 -0.78 0.00	28.58 -0.92 0.00	29.91 -0.91 0.00	36.25 -0.90 0.00	44.67 -0.62 0.00	40.79 -0.37 0.00	38.47 -0.41 0.00	34.68 -0.38 0.00	36.99 -0.48 0.00	37.71 -0.68 0.00	37.38 -0.72 0.00	37.62 -0.77 0.00
EAST_RIVER___1 323558	32.63 1.23 0.00	27.62 1.01 0.00	26.32 0.94 0.00	25.37 0.93 0.00	28.14 1.08 0.00	35.26 1.41 0.00	45.87 2.27 0.00	38.40 2.23 0.00	30.56 1.79 0.00	27.89 1.59 0.00	31.18 1.89 0.00	31.67 2.02 0.00	29.17 1.86 0.00	31.24 1.74 0.00	32.66 1.84 0.00	39.49 2.35 0.00	48.57 3.27 0.00	44.57 3.40 0.00	42.08 3.20 0.00	37.96 2.90 0.00	40.10 2.64 0.00	40.60 2.21 0.00	40.06 1.96 0.00	40.17 1.78 0.00
EAST_RIVER___2 323559	32.65 1.25 0.00	27.64 1.02 0.00	26.34 0.96 0.00	25.38 0.94 0.00	28.15 1.10 0.00	35.28 1.43 0.00	45.93 2.33 0.00	38.47 2.30 0.00	30.62 1.86 0.00	27.95 1.64 0.00	31.26 1.97 0.00	31.75 2.10 0.00	29.23 1.93 0.00	31.32 1.81 0.00	32.73 1.91 0.00	39.59 2.44 0.00	48.71 3.41 0.00	44.67 3.51 0.00	42.18 3.30 0.00	38.03 2.97 0.00	40.16 2.70 0.00	40.67 2.27 0.00	40.12 2.02 0.00	40.23 1.83 0.00
EAST___DELAWARE_HYD 23607	32.81 1.41 0.00	27.79 1.17 0.00	26.47 1.08 0.00	25.49 1.04 0.00	28.28 1.22 0.00	35.43 1.58 0.00	46.08 2.48 0.00	38.51 2.33 0.00	30.57 1.81 0.00	27.78 1.47 0.00	30.93 1.64 0.00	31.32 1.68 0.00	28.81 1.50 0.00	30.92 1.41 0.00	32.45 1.63 0.00	39.40 2.26 0.00	48.70 3.40 0.00	44.68 3.51 0.00	42.22 3.34 0.00	38.08 3.02 0.00	40.32 2.86 0.00	40.84 2.45 0.00	40.32 2.22 0.00	40.45 2.05 0.00
EIGHT_POINT___WT_PWR 323820	31.40 0.00 0.00	26.58 -0.03 0.00	25.08 -0.30 0.00	24.08 -0.36 0.00	26.53 -0.52 0.00	33.33 -0.52 0.00	42.72 -0.88 0.00	38.94 0.69 -2.08	29.35 0.58 0.00	26.84 0.54 0.00	30.05 0.76 0.00	30.44 0.79 0.00	27.84 0.54 0.00	35.98 0.44 -6.03	31.40 0.58 0.00	38.21 1.07 0.00	47.56 2.26 0.00	48.90 1.43 -6.30	43.85 1.04 -3.93	37.19 0.87 -1.26	40.22 0.63 -2.12	38.92 0.20 -0.33	38.26 0.16 0.00	39.12 0.25 -0.47
ELBRIDGE_115KV_TB2 80188	30.83 -0.57 0.00	26.14 -0.48 0.00	24.90 -0.48 0.00	23.99 -0.45 0.00	26.51 -0.54 0.00	33.17 -0.68 0.00	42.69 -0.91 0.00	36.55 -0.71 -1.08	28.21 -0.55 0.00	25.86 -0.45 0.00	28.78 -0.51 0.00	29.13 -0.52 0.00	26.78 -0.53 0.00	28.87 -0.63 0.00	30.21 -0.61 0.00	36.51 -0.63 0.00	44.89 -0.40 0.00	41.02 -0.14 0.00	38.64 -0.24 0.00	34.81 -0.25 0.00	37.04 -0.42 0.00	37.68 -0.71 0.00	37.39 -0.71 0.00	37.67 -0.72 0.00
ELEC_TRO_TEK 24086	33.06 1.66 0.00	27.96 1.35 0.00	26.59 1.21 0.00	25.65 1.20 0.00	28.45 1.39 0.00	35.61 1.76 0.00	46.38 2.79 0.00	38.77 2.60 0.00	30.79 2.02 0.00	28.03 1.72 0.00	31.42 2.13 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.48 1.98 0.00	32.95 2.13 0.00	39.88 2.74 0.00	80.81 3.80 -31.71	94.19 3.91 -49.12	42.54 3.66 0.00	39.01 3.31 -0.64	40.57 3.12 0.00	41.02 2.62 0.00	40.50 2.40 0.00	40.64 2.24 0.00
ELLENBURG_WT_PWR 323604	32.43 1.03 0.00	27.46 0.85 0.00	26.13 0.74 0.00	25.16 0.71 0.00	27.92 0.86 0.00	34.95 1.10 0.00	45.04 1.44 0.00	37.23 1.06 0.00	29.60 0.84 0.00	27.03 0.72 0.00	30.01 0.72 0.00	30.36 0.72 0.00	28.03 0.72 0.00	30.45 0.94 0.00	31.64 0.82 0.00	38.02 0.87 0.00	46.01 0.71 0.00	41.31 0.15 0.00	39.17 0.29 0.00	35.26 0.20 0.00	37.91 0.45 0.00	39.34 0.94 0.00	39.11 1.01 0.00	39.53 1.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.16 -1.24 0.00	25.58 -1.03 0.00	24.14 -1.25 0.00	23.22 -1.22 0.00	25.46 -1.60 0.00	31.94 -1.91 0.00	40.36 -3.24 0.00	32.17 -3.34 0.66	26.34 -2.42 0.00	24.65 -1.65 0.00	27.55 -1.74 0.00	28.08 -1.56 0.00	25.83 -1.48 0.00	27.91 -1.60 0.00	29.03 -1.79 0.00	34.70 -2.44 0.00	43.09 -2.21 0.00	39.85 -1.31 0.00	37.16 -1.72 0.00	33.26 -1.80 0.00	35.45 -2.01 0.00	35.41 -2.98 0.00	35.59 -2.50 0.00	36.50 -1.89 0.00
EMPIRE_CC_1 323656	31.86 0.46 0.00	27.00 0.38 0.00	25.75 0.36 0.00	24.82 0.37 0.00	27.52 0.47 0.00	34.38 0.53 0.00	44.32 0.72 0.00	36.89 0.71 0.00	29.32 0.55 0.00	26.91 0.60 0.00	30.13 0.84 0.00	30.48 0.84 0.00	28.06 0.75 0.00	30.27 0.77 0.00	31.82 1.00 0.00	38.39 1.25 0.00	46.95 1.65 0.00	42.96 1.79 0.00	40.51 1.63 0.00	36.60 1.54 0.00	38.77 1.32 0.00	39.56 1.17 0.00	39.17 1.07 0.00	39.33 0.93 0.00
EMPIRE_CC_2 323658	31.86 0.46 0.00	27.00 0.38 0.00	25.75 0.36 0.00	24.82 0.37 0.00	27.52 0.47 0.00	34.38 0.53 0.00	44.32 0.72 0.00	36.89 0.71 0.00	29.32 0.55 0.00	26.91 0.60 0.00	30.13 0.84 0.00	30.48 0.84 0.00	28.06 0.75 0.00	30.27 0.77 0.00	31.82 1.00 0.00	38.39 1.25 0.00	46.95 1.65 0.00	42.96 1.79 0.00	40.51 1.63 0.00	36.60 1.54 0.00	38.77 1.32 0.00	39.56 1.17 0.00	39.17 1.07 0.00	39.33 0.93 0.00
ENORWICH_115KV_TB1 80156	33.52 2.12 0.00	28.32 1.71 0.00	26.82 1.44 0.00	25.72 1.28 0.00	28.44 1.38 0.00	35.92 2.07 0.00	46.86 3.26 0.00	40.19 3.16 -0.86	31.26 2.49 0.00	28.56 2.26 0.00	31.63 2.34 0.00	31.89 2.25 0.00	29.18 1.88 0.00	31.39 1.89 0.00	32.96 2.14 0.00	40.28 3.14 0.00	50.31 5.01 0.00	46.08 4.92 0.00	43.37 4.49 0.00	38.94 3.88 0.00	41.36 3.90 0.00	41.94 3.55 0.00	41.51 3.41 0.00	41.74 3.35 0.00
ERIE_ST__34_KV_TB1-2 80199	30.91 -0.48 0.00	26.22 -0.40 0.00	24.74 -0.64 0.00	23.82 -0.62 0.00	26.14 -0.91 0.00	32.80 -1.05 0.00	41.50 -2.10 0.00	33.23 -2.34 0.60	27.14 -1.62 0.00	25.37 -0.94 0.00	28.43 -0.87 0.00	28.95 -0.69 0.00	26.62 -0.69 0.00	28.76 -0.74 0.00	29.91 -0.91 0.00	35.80 -1.34 0.00	44.46 -0.84 0.00	41.12 -0.04 0.00	38.36 -0.52 0.00	34.34 -0.72 0.00	36.60 -0.85 0.00	36.55 -1.84 0.00	36.73 -1.37 0.00	37.58 -0.82 0.00
ERIE_WT_PWR 323693	30.48 -0.91 0.00	25.84 -0.78 0.00	24.37 -1.01 0.00	23.44 -1.00 0.00	25.72 -1.33 0.00	32.26 -1.59 0.00	40.80 -2.80 0.00	32.55 -2.99 0.63	26.61 -2.16 0.00	24.88 -1.42 0.00	27.84 -1.45 0.00	28.37 -1.28 0.00	26.08 -1.23 0.00	19.15 -1.31 9.05	29.33 -1.49 0.00	35.09 -2.06 0.00	43.60 -1.69 0.00	33.16 -0.84 7.17	33.11 -1.29 4.48	32.20 -1.43 1.43	33.42 -1.63 2.41	35.43 -2.58 0.38	35.98 -2.12 0.00	36.33 -1.53 0.54
ESPRGFLD_115KV_TB1 80157	33.03 1.64 0.00	27.95 1.33 0.00	26.58 1.20 0.00	25.57 1.13 0.00	28.27 1.21 0.00	35.46 1.61 0.00	45.92 2.33 0.00	38.44 2.04 -0.23	30.40 1.63 0.00	27.81 1.50 0.00	30.81 1.52 0.00	31.12 1.48 0.00	28.65 1.34 0.00	30.82 1.32 0.00	32.13 1.31 0.00	38.97 1.82 0.00	48.00 2.70 0.00	43.73 2.56 0.00	41.28 2.41 0.00	37.17 2.11 0.00	39.62 2.16 0.00	40.42 2.03 0.00	40.09 2.00 0.00	40.45 2.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.80 0.41 0.00	26.94 0.32 0.00	25.60 0.21 0.00	24.66 0.21 0.00	27.27 0.22 0.00	34.21 0.36 0.00	44.16 0.56 0.00	37.99 0.61 -1.21	29.27 0.50 0.00	26.77 0.47 0.00	29.75 0.46 0.00	30.02 0.37 0.00	27.54 0.23 0.00	29.67 0.17 0.00	31.09 0.27 0.00	37.73 0.59 0.00	46.67 1.37 0.00	42.62 1.45 0.00	40.12 1.24 0.00	36.12 1.06 0.00	38.39 0.93 0.00	38.96 0.57 0.00	38.67 0.57 0.00	38.95 0.55 0.00
ETNA____115KV_TB2 80207	31.80 0.41 0.00	26.94 0.32 0.00	25.60 0.21 0.00	24.66 0.21 0.00	27.27 0.22 0.00	34.21 0.36 0.00	44.16 0.56 0.00	37.99 0.61 -1.21	29.27 0.50 0.00	26.77 0.47 0.00	29.75 0.46 0.00	30.02 0.37 0.00	27.54 0.23 0.00	29.67 0.17 0.00	31.09 0.27 0.00	37.73 0.59 0.00	46.67 1.37 0.00	42.62 1.45 0.00	40.12 1.24 0.00	36.12 1.06 0.00	38.39 0.93 0.00	38.96 0.57 0.00	38.67 0.57 0.00	38.95 0.55 0.00
EUCLID__115KV_TB2 356179	30.62 -0.78 0.00	25.96 -0.65 0.00	24.72 -0.67 0.00	23.80 -0.64 0.00	26.31 -0.74 0.00	32.94 -0.91 0.00	42.37 -1.23 0.00	35.42 -0.99 -0.24	27.99 -0.77 0.00	25.66 -0.64 0.00	28.57 -0.72 0.00	28.92 -0.72 0.00	26.60 -0.71 0.00	28.68 -0.82 0.00	30.01 -0.81 0.00	36.24 -0.91 0.00	44.51 -0.79 0.00	40.66 -0.51 0.00	38.30 -0.57 0.00	34.52 -0.54 0.00	36.74 -0.72 0.00	37.40 -0.99 0.00	37.10 -1.00 0.00	37.40 -1.00 0.00
E_CANADA_CAP_HY 24051	33.20 1.80 0.00	28.09 1.48 0.00	26.73 1.34 0.00	25.71 1.27 0.00	28.44 1.39 0.00	35.66 1.81 0.00	46.13 2.53 0.00	38.35 2.18 0.00	30.48 1.72 0.00	27.83 1.53 0.00	30.76 1.46 0.00	31.03 1.38 0.00	28.58 1.27 0.00	30.77 1.27 0.00	32.04 1.22 0.00	38.90 1.75 0.00	47.97 2.67 0.00	43.65 2.48 0.00	41.24 2.36 0.00	37.13 2.07 0.00	39.63 2.18 0.00	40.52 2.13 0.00	40.20 2.10 0.00	40.57 2.18 0.00
E_CANADA_MHWK_HY 24050	31.28 -0.12 0.00	26.47 -0.15 0.00	25.21 -0.17 0.00	24.30 -0.15 0.00	27.04 -0.01 0.00	33.91 0.06 0.00	44.12 0.52 0.00	36.99 0.82 0.00	29.26 0.50 0.00	26.51 0.21 0.00	29.61 0.32 0.00	29.88 0.23 0.00	27.34 0.03 0.00	29.43 -0.07 0.00	31.09 0.27 0.00	37.90 0.76 0.00	46.85 1.55 0.00	43.04 1.88 0.00	40.60 1.72 0.00	36.65 1.59 0.00	38.77 1.31 0.00	39.27 0.88 0.00	38.74 0.64 0.00	38.84 0.44 0.00
E_FISHKILL__LBMP 23776	32.41 1.02 0.00	27.46 0.84 0.00	26.17 0.78 0.00	25.22 0.77 0.00	27.97 0.91 0.00	34.99 1.14 0.00	45.43 1.83 0.00	37.96 1.79 0.00	30.16 1.40 0.00	27.52 1.22 0.00	30.79 1.50 0.00	31.23 1.58 0.00	28.76 1.45 0.00	30.85 1.35 0.00	32.31 1.49 0.00	39.06 1.91 0.00	47.99 2.69 0.00	43.99 2.82 0.00	41.55 2.67 0.00	37.50 2.43 0.00	39.66 2.20 0.00	40.22 1.83 0.00	39.74 1.64 0.00	39.90 1.50 0.00
FALCON__SEABRD_CC1 323796	32.86 1.46 0.00	27.83 1.21 0.00	26.47 1.08 0.00	25.53 1.09 0.00	28.30 1.24 0.00	35.44 1.59 0.00	45.76 2.16 0.00	37.85 1.68 0.00	30.07 1.31 0.00	27.43 1.13 0.00	30.49 1.20 0.00	30.87 1.23 0.00	28.47 1.16 0.00	30.95 1.44 0.00	32.17 1.35 0.00	38.67 1.53 0.00	46.87 1.57 0.00	42.12 0.96 0.00	39.88 1.01 0.00	35.88 0.82 0.00	38.51 1.05 0.00	39.94 1.55 0.00	39.71 1.61 0.00	40.13 1.73 0.00
FALCON__SEABRD_CC2 323797	32.86 1.46 0.00	27.83 1.21 0.00	26.47 1.08 0.00	25.53 1.09 0.00	28.30 1.24 0.00	35.44 1.59 0.00	45.76 2.16 0.00	37.85 1.68 0.00	30.07 1.31 0.00	27.43 1.13 0.00	30.49 1.20 0.00	30.87 1.23 0.00	28.47 1.16 0.00	30.95 1.44 0.00	32.17 1.35 0.00	38.67 1.53 0.00	46.87 1.57 0.00	42.12 0.96 0.00	39.88 1.01 0.00	35.88 0.82 0.00	38.51 1.05 0.00	39.94 1.55 0.00	39.71 1.61 0.00	40.13 1.73 0.00

FAR ROCKAWAY___4 23548	33.43 2.03 0.00	28.27 1.66 0.00	26.88 1.49 0.00	25.92 1.48 0.00	28.75 1.69 0.00	36.01 2.16 0.00	46.93 3.33 0.00	39.21 3.04 0.00	31.13 2.37 0.00	28.34 2.04 0.00	31.78 2.49 0.00	32.23 2.59 0.00	29.69 2.38 0.00	31.85 2.35 0.00	33.33 2.51 0.00	40.36 3.22 0.00	81.19 4.18 -31.71	94.43 4.15 -49.12	42.81 3.93 0.00	39.28 3.58 -0.64	41.14 3.68 0.00	41.54 3.15 0.00	41.00 2.90 0.00	41.12 2.72 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.65 1.25 0.00	27.64 1.02 0.00	26.35 0.96 0.00	25.39 0.94 0.00	28.15 1.10 0.00	35.28 1.43 0.00	45.90 2.31 0.00	38.42 2.25 0.00	30.58 1.82 0.00	27.90 1.60 0.00	31.20 1.91 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.25 1.75 0.00	32.67 1.85 0.00	39.49 2.35 0.00	48.58 3.28 0.00	44.58 3.41 0.00	42.10 3.22 0.00	37.97 2.92 0.00	40.13 2.67 0.00	40.62 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.67 1.28 0.00	27.66 1.05 0.00	26.37 0.98 0.00	25.40 0.96 0.00	28.18 1.12 0.00	35.31 1.46 0.00	45.94 2.34 0.00	38.44 2.27 0.00	30.59 1.83 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.69 2.05 0.00	29.20 1.89 0.00	31.27 1.76 0.00	32.69 1.86 0.00	39.52 2.38 0.00	48.61 3.32 0.00	44.61 3.45 0.00	42.13 3.25 0.00	38.00 2.94 0.00	40.16 2.70 0.00	40.65 2.26 0.00	40.12 2.02 0.00	40.22 1.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.95 0.00	25.37 0.93 0.00	28.15 1.09 0.00	35.27 1.42 0.00	45.88 2.29 0.00	38.40 2.23 0.00	30.56 1.79 0.00	27.89 1.59 0.00	31.18 1.89 0.00	31.66 2.02 0.00	29.17 1.86 0.00	31.23 1.74 0.00	32.65 1.83 0.00	39.48 2.34 0.00	48.57 3.27 0.00	44.56 3.39 0.00	42.08 3.20 0.00	37.96 2.90 0.00	40.11 2.65 0.00	40.60 2.21 0.00	40.07 1.97 0.00	40.18 1.78 0.00
FARRAGUT___LBMP 323566	32.62 1.22 0.00	27.61 1.00 0.00	26.32 0.93 0.00	25.36 0.92 0.00	28.13 1.07 0.00	35.25 1.40 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.56 0.00	31.15 1.86 0.00	31.63 1.99 0.00	29.14 1.83 0.00	31.21 1.70 0.00	32.62 1.80 0.00	39.45 2.31 0.00	48.52 3.22 0.00	44.51 3.35 0.00	42.04 3.16 0.00	37.93 2.87 0.00	40.07 2.61 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.15 1.75 0.00
FENNER___WINDPWR 24204	31.88 0.48 0.00	26.99 0.37 0.00	25.67 0.28 0.00	24.72 0.27 0.00	27.38 0.33 0.00	34.35 0.50 0.00	44.45 0.85 0.00	37.43 0.79 -0.47	29.41 0.65 0.00	26.86 0.56 0.00	29.83 0.54 0.00	30.11 0.46 0.00	27.65 0.34 0.00	29.82 0.31 0.00	31.22 0.40 0.00	37.86 0.71 0.00	46.67 1.37 0.00	42.59 1.42 0.00	40.16 1.28 0.00	36.20 1.14 0.00	38.54 1.08 0.00	39.25 0.86 0.00	38.90 0.80 0.00	39.15 0.75 0.00
FIBERTEK___ENERGY 23856	30.99 -0.41 0.00	26.27 -0.34 0.00	25.02 -0.37 0.00	24.10 -0.35 0.00	26.65 -0.41 0.00	33.36 -0.49 0.00	42.96 -0.64 0.00	36.50 -0.49 -0.82	28.38 -0.38 0.00	26.01 -0.30 0.00	28.94 -0.36 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.03 -0.47 0.00	30.38 -0.44 0.00	36.73 -0.42 0.00	45.16 -0.14 0.00	41.25 0.09 0.00	38.86 -0.02 0.00	35.02 -0.05 0.00	37.26 -0.20 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.87 -0.53 0.00
FITZPATRICK___ 23598	30.23 -1.17 0.00	25.64 -0.98 0.00	24.42 -0.96 0.00	23.52 -0.93 0.00	25.99 -1.06 0.00	32.51 -1.34 0.00	41.80 -1.80 0.00	34.69 -1.48 0.00	27.60 -1.16 0.00	25.30 -1.00 0.00	28.16 -1.13 0.00	28.50 -1.14 0.00	26.24 -1.08 0.00	28.30 -1.20 0.00	29.60 -1.23 0.00	35.71 -1.43 0.00	43.80 -1.50 0.00	39.96 -1.21 0.00	37.67 -1.21 0.00	33.95 -1.11 0.00	36.17 -1.29 0.00	36.87 -1.52 0.00	36.59 -1.51 0.00	36.89 -1.50 0.00
FLOWRFLD_69_KV_BK1 356044	33.57 2.17 0.00	28.38 1.77 0.00	26.93 1.54 0.00	26.01 1.56 0.00	28.84 1.78 0.00	36.06 2.21 0.00	47.06 3.46 0.00	39.30 3.13 0.00	31.13 2.37 0.00	28.25 1.95 0.00	31.67 2.38 0.00	32.11 2.47 0.00	29.59 2.28 0.00	31.78 2.28 0.00	33.30 2.47 0.00	40.45 3.31 0.00	81.62 4.62 -31.71	94.93 4.65 -49.12	43.11 4.23 0.00	39.56 3.86 -0.64	41.15 3.69 0.00	41.55 3.16 0.00	41.07 2.97 0.00	41.25 2.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.82 1.42 0.00	27.79 1.18 0.00	26.48 1.10 0.00	25.51 1.07 0.00	28.30 1.25 0.00	35.43 1.58 0.00	46.06 2.46 0.00	38.48 2.31 0.00	30.57 1.81 0.00	27.86 1.56 0.00	31.14 1.85 0.00	31.58 1.94 0.00	29.07 1.76 0.00	31.21 1.71 0.00	32.72 1.90 0.00	39.60 2.46 0.00	48.74 3.45 0.00	44.72 3.56 0.00	42.23 3.36 0.00	38.12 3.06 0.00	40.32 2.86 0.00	40.85 2.46 0.00	40.35 2.25 0.00	40.47 2.07 0.00
FORT ORANGE___ 23900	31.80 0.40 0.00	26.94 0.33 0.00	25.68 0.30 0.00	24.75 0.30 0.00	27.45 0.39 0.00	34.35 0.50 0.00	44.42 0.82 0.00	37.02 0.85 0.00	29.41 0.65 0.00	26.84 0.53 0.00	29.95 0.66 0.00	30.28 0.63 0.00	27.88 0.57 0.00	30.09 0.59 0.00	31.62 0.80 0.00	38.27 1.12 0.00	46.96 1.66 0.00	42.94 1.78 0.00	40.51 1.63 0.00	36.57 1.51 0.00	38.78 1.32 0.00	39.52 1.13 0.00	39.11 1.01 0.00	39.27 0.87 0.00
FORT_DRUM_COGEN 23780	31.21 -0.19 0.00	26.28 -0.34 0.00	24.87 -0.52 0.00	23.83 -0.62 0.00	26.44 -0.62 0.00	33.53 -0.32 0.00	43.92 0.33 0.00	36.31 0.14 0.00	28.96 0.20 0.00	26.16 -0.15 0.00	28.85 -0.44 0.00	29.19 -0.45 0.00	26.98 -0.33 0.00	29.09 -0.42 0.00	30.42 -0.40 0.00	37.16 0.01 0.00	46.06 0.77 0.00	41.83 0.67 0.00	39.61 0.74 0.00	35.73 0.67 0.00	38.32 0.86 0.00	39.22 0.82 0.00	38.80 0.70 0.00	39.03 0.63 0.00
FOX_HILLS___ESR 323835	32.73 1.34 0.00	27.70 1.08 0.00	26.40 1.02 0.00	25.41 0.97 0.00	28.20 1.15 0.00	35.42 1.57 0.00	46.07 2.47 0.00	38.49 2.32 0.00	30.62 1.86 0.00	27.87 1.57 0.00	31.29 2.00 0.00	31.74 2.10 0.00	29.24 1.93 0.00	31.25 1.75 0.00	31.63 1.83 1.03	39.42 2.28 0.00	48.63 3.33 0.00	44.70 3.54 0.00	42.21 3.33 0.00	38.08 3.02 0.00	40.21 2.75 0.00	40.67 2.28 0.00	40.14 2.04 0.00	40.29 1.89 0.00
FPL_FAR_ROCK_GT1 24212	33.43 2.03 0.00	28.27 1.66 0.00	26.88 1.49 0.00	25.92 1.48 0.00	28.75 1.69 0.00	36.01 2.16 0.00	46.93 3.33 0.00	39.21 3.04 0.00	31.13 2.37 0.00	28.34 2.04 0.00	31.78 2.49 0.00	32.23 2.59 0.00	29.68 2.38 0.00	31.85 2.34 0.00	33.33 2.51 0.00	40.36 3.22 0.00	81.19 4.18 -31.71	94.43 4.14 -49.12	42.81 3.92 0.00	39.27 3.57 -0.64	41.14 3.68 0.00	41.54 3.15 0.00	41.01 2.90 0.00	41.12 2.72 0.00
FPL_FAR_ROCK_GT2 23815	33.43 2.03 0.00	28.27 1.66 0.00	26.88 1.49 0.00	25.92 1.48 0.00	28.75 1.69 0.00	36.01 2.16 0.00	46.93 3.33 0.00	39.21 3.04 0.00	31.13 2.37 0.00	28.34 2.04 0.00	31.78 2.49 0.00	32.23 2.59 0.00	29.68 2.38 0.00	31.85 2.34 0.00	33.33 2.51 0.00	40.36 3.22 0.00	81.19 4.18 -31.71	94.43 4.14 -49.12	42.81 3.92 0.00	39.27 3.57 -0.64	41.14 3.68 0.00	41.54 3.15 0.00	41.01 2.90 0.00	41.12 2.72 0.00



FRANKLIN_FALL_HYD 24054	32.59 1.19 0.00	27.60 0.98 0.00	26.27 0.89 0.00	25.28 0.84 0.00	28.05 0.99 0.00	35.14 1.29 0.00	45.36 1.76 0.00	37.48 1.30 0.00	29.81 1.05 0.00	27.21 0.90 0.00	30.14 0.85 0.00	30.44 0.80 0.00	28.11 0.81 0.00	30.55 1.05 0.00	31.72 0.89 0.00	38.14 1.00 0.00	46.21 0.91 0.00	41.39 0.23 0.00	39.37 0.49 0.00	35.44 0.38 0.00	38.16 0.70 0.00	39.68 1.29 0.00	39.43 1.33 0.00	39.84 1.44 0.00
FREEPORT_EQUS_GT1 23764	33.29 1.89 0.00	28.15 1.54 0.00	26.75 1.37 0.00	25.80 1.36 0.00	28.62 1.57 0.00	35.83 1.98 0.00	46.69 3.09 0.00	39.05 2.88 0.00	30.98 2.22 0.00	28.18 1.88 0.00	31.59 2.30 0.00	32.02 2.37 0.00	29.50 2.18 0.00	31.65 2.14 0.00	33.12 2.30 0.00	40.13 2.99 0.00	81.05 4.05 -31.71	94.43 4.15 -49.12	42.89 4.01 0.00	39.32 3.62 -0.64	40.89 3.44 0.00	41.30 2.91 0.00	40.81 2.71 0.00	40.93 2.53 0.00
FREEPORT___CT2 23818	33.29 1.89 0.00	28.15 1.54 0.00	26.75 1.37 0.00	25.80 1.36 0.00	28.62 1.57 0.00	35.83 1.98 0.00	46.69 3.09 0.00	39.05 2.88 0.00	30.98 2.22 0.00	28.18 1.88 0.00	31.59 2.30 0.00	32.02 2.37 0.00	29.50 2.18 0.00	31.65 2.14 0.00	33.12 2.30 0.00	40.13 2.99 0.00	81.05 4.05 -31.71	94.43 4.15 -49.12	42.89 4.01 0.00	39.32 3.62 -0.64	40.89 3.44 0.00	41.30 2.91 0.00	40.81 2.71 0.00	40.93 2.53 0.00
FRESHKLS_33_KV_LOAD 356253	32.78 1.39 0.00	27.73 1.12 0.00	26.44 1.05 0.00	25.44 1.00 0.00	28.26 1.20 0.00	35.48 1.63 0.00	46.14 2.54 0.00	38.53 2.36 0.00	30.64 1.88 0.00	27.87 1.57 0.00	31.29 2.00 0.00	31.74 2.10 0.00	29.24 1.93 0.00	31.25 1.74 0.00	31.62 1.83 1.03	39.40 2.26 0.01	48.64 3.34 0.00	44.74 3.58 0.00	42.25 3.37 0.00	38.11 3.05 0.00	40.25 2.79 0.00	40.70 2.31 0.00	40.18 2.08 0.00	40.34 1.94 0.00
FULTON COGEN____ 23766	30.53 -0.86 0.00	25.89 -0.72 0.00	24.64 -0.75 0.00	23.73 -0.71 0.00	26.23 -0.82 0.00	32.85 -1.00 0.00	42.30 -1.30 0.00	35.45 -1.06 -0.34	27.94 -0.83 0.00	25.59 -0.71 0.00	28.48 -0.81 0.00	28.82 -0.82 0.00	26.50 -0.81 0.00	28.57 -0.94 0.00	29.89 -0.93 0.00	36.13 -1.01 0.00	44.42 -0.88 0.00	40.59 -0.58 0.00	38.24 -0.64 0.00	34.47 -0.59 0.00	36.69 -0.77 0.00	37.35 -1.04 0.00	37.04 -1.06 0.00	37.30 -1.10 0.00
FULTON___LFGE 323630	34.42 3.02 0.00	29.09 2.48 0.00	27.68 2.30 0.00	26.64 2.20 0.00	29.54 2.49 0.00	37.16 3.32 0.00	48.37 4.77 0.00	40.32 4.15 0.00	31.71 2.95 0.00	28.57 2.27 0.00	31.39 2.09 0.00	31.14 1.50 0.00	28.43 1.12 0.00	30.49 0.99 0.00	32.16 1.34 0.00	40.41 3.27 0.00	50.85 5.56 0.00	46.51 5.35 0.00	43.89 5.01 0.00	39.48 4.42 0.00	42.01 4.55 0.00	42.78 4.39 0.00	42.28 4.18 0.00	42.48 4.08 0.00
G.F.CEMENT___DRP 24184	33.07 1.67 0.00	27.96 1.35 0.00	26.64 1.26 0.00	25.74 1.29 0.00	28.57 1.51 0.00	35.84 1.99 0.00	46.47 2.87 0.00	38.84 2.67 0.00	30.87 2.11 0.00	28.17 1.86 0.00	31.43 2.14 0.00	31.80 2.16 0.00	29.07 1.77 0.00	31.22 1.71 0.00	32.60 1.78 0.00	39.46 2.32 0.00	48.52 3.22 0.00	44.31 3.14 0.00	41.77 2.89 0.00	37.60 2.54 0.00	39.74 2.28 0.00	40.47 2.07 0.00	40.06 1.96 0.00	40.22 1.82 0.00
GARDENVILLE___LBMP 24039	30.35 -1.05 0.00	25.74 -0.88 0.00	24.28 -1.11 0.00	23.36 -1.08 0.00	25.63 -1.43 0.00	32.14 -1.72 0.00	40.63 -2.97 0.00	32.39 -3.14 0.64	26.50 -2.26 0.00	24.79 -1.52 0.00	27.72 -1.57 0.00	28.25 -1.39 0.00	25.98 -1.33 0.00	28.07 -1.43 0.00	29.73 -1.61 -0.52	35.07 -2.22 -0.15	43.46 -1.92 -0.08	40.11 -1.05 0.00	37.39 -1.48 0.00	33.47 -1.59 0.00	35.66 -1.80 0.00	35.64 -2.75 0.00	35.82 -2.28 0.00	36.70 -1.69 0.00
GARDNVLA_35_KV_LD 355827	30.49 -0.91 0.00	25.85 -0.76 0.00	24.38 -1.00 0.00	23.46 -0.98 0.00	25.74 -1.32 0.00	32.28 -1.57 0.00	40.84 -2.76 0.00	32.58 -2.97 0.62	26.63 -2.13 0.00	24.91 -1.40 0.00	27.86 -1.43 0.00	28.39 -1.26 0.00	26.10 -1.21 0.00	28.22 -1.29 0.00	29.36 -1.47 0.00	35.10 -2.04 0.00	43.63 -1.66 0.00	40.33 -0.84 0.00	37.60 -1.28 0.00	33.65 -1.41 0.00	35.86 -1.60 0.00	35.83 -2.56 0.00	36.01 -2.09 0.00	36.88 -1.52 0.00
GELCKHM___115KV_LOAD 80723	30.77 -0.63 0.00	26.08 -0.53 0.00	24.83 -0.55 0.00	23.92 -0.52 0.00	26.45 -0.61 0.00	33.10 -0.75 0.00	42.60 -1.00 0.00	35.83 -0.80 -0.47	28.14 -0.62 0.00	25.80 -0.51 0.00	28.72 -0.57 0.00	29.07 -0.58 0.00	26.72 -0.58 0.00	28.82 -0.68 0.00	30.17 -0.66 0.00	36.43 -0.71 0.00	44.77 -0.53 0.00	40.90 -0.27 0.00	38.52 -0.35 0.00	34.71 -0.35 0.00	36.95 -0.51 0.00	37.60 -0.79 0.00	37.31 -0.78 0.00	37.59 -0.80 0.00
GENERAL___MILLS 23808	30.45 -0.95 0.00	25.82 -0.80 0.00	24.35 -1.04 0.00	23.43 -1.01 0.00	25.71 -1.35 0.00	32.25 -1.60 0.00	40.78 -2.82 0.00	32.53 -3.01 0.63	26.60 -2.17 0.00	24.88 -1.43 0.00	27.81 -1.48 0.00	28.35 -1.29 0.00	26.07 -1.24 0.00	28.17 -1.33 0.00	29.31 -1.51 0.00	35.05 -2.10 0.00	43.55 -1.75 0.00	40.27 -0.90 0.00	37.54 -1.34 0.00	33.59 -1.47 0.00	35.80 -1.66 0.00	35.77 -2.62 0.00	35.95 -2.15 0.00	36.84 -1.56 0.00
GE_PLASTICS___DRP 24183	31.75 0.36 0.00	26.91 0.30 0.00	25.65 0.26 0.00	24.71 0.27 0.00	27.40 0.35 0.00	34.27 0.42 0.00	44.30 0.70 0.00	36.90 0.73 0.00	29.32 0.55 0.00	26.79 0.48 0.00	29.92 0.63 0.00	30.26 0.62 0.00	27.87 0.56 0.00	30.06 0.56 0.00	31.55 0.73 0.00	38.13 0.99 0.00	46.70 1.40 0.00	42.69 1.53 0.00	40.26 1.39 0.00	36.35 1.29 0.00	38.57 1.11 0.00	39.31 0.92 0.00	38.93 0.83 0.00	39.12 0.72 0.00
GILBOA___1 23756	31.90 0.51 0.00	27.04 0.42 0.00	25.77 0.38 0.00	24.82 0.38 0.00	27.51 0.45 0.00	34.41 0.56 0.00	44.51 0.91 0.00	37.08 0.91 0.00	29.47 0.71 0.00	26.92 0.61 0.00	30.06 0.77 0.00	30.44 0.80 0.00	28.02 0.71 0.00	30.18 0.67 0.00	31.63 0.80 0.00	38.22 1.08 0.00	46.83 1.54 0.00	42.73 1.56 0.00	40.31 1.43 0.00	36.45 1.39 0.00	38.64 1.18 0.00	39.35 0.96 0.00	39.02 0.92 0.00	39.23 0.83 0.00
GILBOA___2 23757	31.90 0.51 0.00	27.04 0.42 0.00	25.77 0.38 0.00	24.82 0.38 0.00	27.51 0.45 0.00	34.41 0.56 0.00	44.51 0.91 0.00	37.08 0.91 0.00	29.47 0.71 0.00	26.92 0.61 0.00	30.06 0.77 0.00	30.44 0.80 0.00	28.02 0.71 0.00	30.18 0.67 0.00	31.63 0.80 0.00	38.22 1.08 0.00	46.83 1.54 0.00	42.73 1.56 0.00	40.31 1.43 0.00	36.45 1.39 0.00	38.64 1.18 0.00	39.35 0.96 0.00	39.02 0.92 0.00	39.23 0.83 0.00
GILBOA___3 23758	31.90 0.51 0.00	27.04 0.42 0.00	25.77 0.38 0.00	24.82 0.38 0.00	27.51 0.45 0.00	34.41 0.56 0.00	44.51 0.91 0.00	37.08 0.91 0.00	29.47 0.71 0.00	26.92 0.61 0.00	30.06 0.77 0.00	30.44 0.80 0.00	28.02 0.71 0.00	30.18 0.67 0.00	31.63 0.80 0.00	38.22 1.08 0.00	46.83 1.54 0.00	42.73 1.56 0.00	40.31 1.43 0.00	36.45 1.39 0.00	38.64 1.18 0.00	39.35 0.96 0.00	39.02 0.92 0.00	39.23 0.83 0.00

GILBOA___4 23759	31.90 0.51 0.00	27.04 0.42 0.00	25.77 0.38 0.00	24.82 0.38 0.00	27.51 0.45 0.00	34.41 0.56 0.00	44.51 0.91 0.00	37.08 0.91 0.00	29.47 0.71 0.00	26.92 0.61 0.00	30.06 0.77 0.00	30.44 0.80 0.00	28.02 0.71 0.00	30.18 0.67 0.00	31.63 0.80 0.00	38.22 1.08 0.00	46.83 1.54 0.00	42.73 1.56 0.00	40.31 1.43 0.00	36.45 1.39 0.00	38.64 1.18 0.00	39.35 0.96 0.00	39.02 0.92 0.00	39.23 0.83 0.00
GILBOA____ 23599	31.90 0.51 0.00	27.04 0.42 0.00	25.77 0.38 0.00	24.82 0.38 0.00	27.51 0.45 0.00	34.41 0.56 0.00	44.51 0.91 0.00	37.08 0.91 0.00	29.47 0.71 0.00	26.92 0.61 0.00	30.06 0.77 0.00	30.44 0.80 0.00	28.03 0.72 0.00	30.18 0.67 0.00	31.63 0.80 0.00	38.22 1.08 0.00	46.83 1.53 0.00	42.73 1.57 0.00	40.31 1.43 0.00	36.45 1.39 0.00	38.64 1.18 0.00	39.36 0.97 0.00	39.02 0.92 0.00	39.23 0.83 0.00
GINNA____ 23603	29.12 -2.28 0.00	24.69 -1.92 0.00	23.43 -1.95 0.00	22.55 -1.89 0.00	24.87 -2.19 0.00	31.20 -2.65 0.00	39.95 -3.65 0.00	31.15 -3.21 1.81	26.31 -2.45 0.00	24.34 -1.96 0.00	27.16 -2.13 0.00	27.54 -2.11 0.00	25.30 -2.01 0.00	24.54 -2.22 2.74	28.47 -2.36 0.00	34.31 -2.83 0.00	42.38 -2.92 0.00	36.62 -2.18 2.36	35.07 -2.33 1.48	32.36 -2.23 0.47	34.14 -2.52 0.80	35.15 -3.12 0.12	35.12 -2.98 0.00	35.42 -2.80 0.18
GLEN PARK____ 23778	31.26 -0.13 0.00	26.33 -0.29 0.00	24.91 -0.47 0.00	23.88 -0.56 0.00	26.49 -0.57 0.00	33.60 -0.25 0.00	44.05 0.45 0.00	36.44 0.27 0.00	29.05 0.28 0.00	26.19 -0.12 0.00	28.84 -0.45 0.00	29.17 -0.48 0.00	26.96 -0.35 0.00	29.05 -0.45 0.00	30.40 -0.42 0.00	37.18 0.04 0.00	46.21 0.92 0.00	42.04 0.87 0.00	39.81 0.93 0.00	35.88 0.82 0.00	38.46 1.00 0.00	39.33 0.94 0.00	38.88 0.78 0.00	39.09 0.69 0.00
GLENDALE_27_KV_LOAD 356172	32.76 1.36 0.00	27.73 1.11 0.00	26.43 1.05 0.00	25.44 1.00 0.00	28.22 1.16 0.00	35.39 1.54 0.00	46.04 2.45 0.00	38.58 2.40 0.00	30.71 1.95 0.00	28.05 1.74 0.00	31.35 2.06 0.00	31.83 2.19 0.00	29.34 2.03 0.00	31.39 1.89 0.00	32.83 2.01 0.00	39.68 2.54 0.00	48.85 3.55 0.00	44.83 3.66 0.00	42.33 3.45 0.00	38.18 3.12 0.00	40.32 2.87 0.00	40.80 2.41 0.00	40.25 2.15 0.00	40.37 1.97 0.00
GLENWOOD_IC_1_G5 23712	33.24 1.85 0.00	28.12 1.51 0.00	26.72 1.34 0.00	25.78 1.33 0.00	28.61 1.55 0.00	35.79 1.93 0.00	46.46 2.86 0.00	38.87 2.70 0.00	30.97 2.21 0.00	28.20 1.89 0.00	31.62 2.32 0.00	32.06 2.42 0.00	29.53 2.22 0.00	31.68 2.18 0.00	33.15 2.33 0.00	40.14 3.00 0.00	81.15 4.14 -31.71	94.42 4.13 -49.12	42.68 3.80 0.00	39.14 3.44 -0.64	40.73 3.27 0.00	41.28 2.89 0.00	40.78 2.68 0.00	40.90 2.50 0.00
GLENWOOD_IC_2_G1 23688	33.14 1.75 0.00	28.04 1.43 0.00	26.66 1.28 0.00	25.71 1.27 0.00	28.52 1.47 0.00	35.70 1.85 0.00	46.45 2.85 0.00	38.84 2.67 0.00	30.87 2.11 0.00	28.11 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.58 2.08 0.00	33.05 2.23 0.00	40.01 2.87 0.00	80.97 3.96 -31.71	94.31 4.02 -49.12	42.63 3.76 0.00	39.10 3.40 -0.64	40.69 3.23 0.00	41.15 2.76 0.00	40.65 2.54 0.00	40.78 2.38 0.00
GLENWOOD_IC_3_G1 23689	33.14 1.75 0.00	28.04 1.43 0.00	26.66 1.28 0.00	25.71 1.27 0.00	28.52 1.47 0.00	35.70 1.85 0.00	46.45 2.85 0.00	38.84 2.67 0.00	30.87 2.11 0.00	28.11 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.58 2.08 0.00	33.05 2.23 0.00	40.01 2.87 0.00	80.97 3.96 -31.71	94.31 4.02 -49.12	42.63 3.76 0.00	39.10 3.40 -0.64	40.69 3.23 0.00	41.15 2.76 0.00	40.65 2.54 0.00	40.78 2.38 0.00
GLENWOOD___4 23550	33.24 1.85 0.00	28.12 1.51 0.00	26.72 1.34 0.00	25.78 1.33 0.00	28.61 1.55 0.00	35.79 1.94 0.00	46.51 2.91 0.00	38.91 2.74 0.00	30.97 2.21 0.00	28.20 1.89 0.00	31.62 2.32 0.00	32.06 2.42 0.00	29.53 2.22 0.00	31.68 2.18 0.00	33.15 2.33 0.00	40.14 3.00 0.00	81.15 4.14 -31.71	94.45 4.16 -49.12	42.72 3.85 0.00	39.18 3.48 -0.64	40.77 3.31 0.00	41.28 2.89 0.00	40.78 2.68 0.00	40.90 2.50 0.00
GLENWOOD___5 23614	33.24 1.85 0.00	28.12 1.51 0.00	26.72 1.34 0.00	25.78 1.33 0.00	28.61 1.55 0.00	35.79 1.94 0.00	46.51 2.91 0.00	38.91 2.74 0.00	30.97 2.21 0.00	28.20 1.89 0.00	31.62 2.32 0.00	32.06 2.42 0.00	29.53 2.22 0.00	31.68 2.18 0.00	33.15 2.33 0.00	40.14 3.00 0.00	81.15 4.14 -31.71	94.45 4.16 -49.12	42.72 3.85 0.00	39.18 3.48 -0.64	40.77 3.31 0.00	41.28 2.89 0.00	40.78 2.68 0.00	40.90 2.50 0.00
GLOBAL GREEN_PORT_GT1 23814	34.53 3.13 0.00	29.20 2.58 0.00	27.69 2.31 0.00	26.76 2.32 0.00	29.69 2.64 0.00	37.20 3.35 0.00	48.62 5.02 0.00	40.66 4.49 0.00	31.99 3.23 0.00	28.88 2.58 0.00	32.23 2.94 0.00	32.67 3.02 0.00	30.06 2.75 0.00	32.34 2.84 0.00	33.85 3.03 0.00	40.63 3.49 0.00	82.94 5.93 -31.71	96.14 5.85 -49.12	44.25 5.37 0.00	40.45 4.76 -0.64	42.05 4.59 0.00	42.42 4.03 0.00	41.94 3.84 0.00	42.15 3.75 0.00
GLOBE___DSASP 323697	29.29 -2.11 0.00	24.85 -1.76 0.00	23.45 -1.94 0.00	22.54 -1.90 0.00	24.67 -2.39 0.00	30.96 -2.89 0.00	38.91 -4.69 0.00	30.73 -4.72 0.72	25.32 -3.45 0.00	23.76 -2.55 0.00	26.49 -2.80 0.00	26.99 -2.66 0.00	24.85 -2.46 0.00	26.86 -2.64 0.00	27.92 -2.91 0.00	33.30 -3.84 0.00	41.14 -4.16 0.00	38.32 -2.85 0.00	35.65 -3.22 0.00	31.86 -3.21 0.00	33.98 -3.48 0.00	33.82 -4.57 0.00	34.06 -4.03 0.00	35.25 -3.15 0.00
GOETHSLN___LBMP 323567	32.48 1.08 0.00	27.49 0.87 0.00	26.21 0.82 0.00	25.24 0.80 0.00	28.01 0.96 0.00	35.11 1.26 0.00	45.68 2.08 0.00	38.23 2.05 0.00	30.40 1.64 0.00	27.72 1.42 0.00	30.98 1.69 0.00	31.47 1.82 0.00	28.99 1.67 0.00	31.03 1.52 0.00	31.39 1.60 1.04	38.93 2.06 0.27	48.10 2.94 0.14	44.29 3.12 0.00	41.82 2.94 0.00	37.72 2.66 0.00	39.85 2.38 0.00	40.36 1.96 0.00	39.82 1.72 0.00	39.93 1.54 0.00
GOLAH___69_KV_TB 1_2 80279	30.56 -0.84 0.00	25.92 -0.70 0.00	24.53 -0.85 0.00	23.61 -0.83 0.00	25.97 -1.08 0.00	32.61 -1.24 0.00	41.62 -1.98 0.00	33.10 -2.00 1.07	27.36 -1.40 0.00	25.43 -0.88 0.00	28.36 -0.93 0.00	28.82 -0.82 0.00	26.47 -0.84 0.00	28.51 -1.00 0.00	29.67 -1.15 0.00	35.69 -1.46 0.00	44.27 -1.03 0.00	40.91 -0.25 0.00	38.29 -0.59 0.00	34.36 -0.70 0.00	36.57 -0.88 0.00	36.77 -1.62 0.00	36.73 -1.38 0.00	37.36 -1.04 0.00
GOODYEAR_LAKE_HYD 323669	32.56 1.16 0.00	27.56 0.95 0.00	26.23 0.84 0.00	25.24 0.80 0.00	27.93 0.87 0.00	35.03 1.18 0.00	45.39 1.79 0.00	38.18 1.66 -0.36	30.06 1.30 0.00	27.50 1.20 0.00	30.61 1.32 0.00	30.97 1.33 0.00	28.49 1.18 0.00	30.64 1.13 0.00	32.04 1.22 0.00	38.81 1.67 0.00	47.76 2.46 0.00	43.56 2.40 0.00	41.11 2.23 0.00	37.05 1.99 0.00	39.39 1.93 0.00	40.08 1.69 0.00	39.73 1.64 0.00	40.00 1.61 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.37 -0.03 0.00	26.58 -0.04 0.00	25.25 -0.13 0.00	24.32 -0.12 0.00	26.91 -0.15 0.00	33.72 -0.13 0.00	43.48 -0.12 0.00	36.97 0.02 -0.78	28.76 -0.01 0.00	26.34 0.04 0.00	29.40 0.11 0.00	29.80 0.16 0.00	27.34 0.03 0.00	29.48 -0.03 0.00	30.88 0.06 0.00	37.32 0.18 0.00	46.00 0.70 0.00	41.86 0.70 0.00	39.41 0.53 0.00	35.48 0.42 0.00	37.71 0.25 0.00	38.28 -0.12 0.00	38.03 -0.07 0.00	38.35 -0.05 0.00
GOUDEY___7 23579	31.39 0.00 0.00	26.60 -0.02 0.00	25.27 -0.11 0.00	24.34 -0.10 0.00	26.94 -0.12 0.00	33.75 -0.10 0.00	43.52 -0.08 0.00	37.00 0.05 -0.78	28.79 0.02 0.00	26.37 0.06 0.00	29.43 0.14 0.00	29.83 0.19 0.00	27.37 0.06 0.00	29.50 0.00 0.00	30.91 0.08 0.00	37.36 0.22 0.00	46.05 0.75 0.00	41.91 0.74 0.00	39.45 0.57 0.00	35.52 0.46 0.00	37.74 0.28 0.00	38.31 -0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00
GOUDEY___8 23580	31.37 -0.03 0.00	26.58 -0.04 0.00	25.25 -0.13 0.00	24.32 -0.12 0.00	26.91 -0.15 0.00	33.72 -0.13 0.00	43.48 -0.12 0.00	36.97 0.02 -0.78	28.76 -0.01 0.00	26.34 0.04 0.00	29.40 0.11 0.00	29.80 0.16 0.00	27.34 0.03 0.00	29.48 -0.03 0.00	30.88 0.06 0.00	37.32 0.18 0.00	46.00 0.70 0.00	41.86 0.70 0.00	39.41 0.53 0.00	35.48 0.42 0.00	37.71 0.25 0.00	38.28 -0.12 0.00	38.03 -0.07 0.00	38.35 -0.05 0.00
GOWANUS_GT1_1 24077	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT1_2 24078	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT1_3 24079	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT1_4 24080	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT1_5 24084	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT1_6 24111	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT1_7 24112	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT1_8 24113	32.83 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.48 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.17 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.41 2.11 0.00	31.87 2.23 0.00	29.37 2.06 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.66 2.51 0.00	48.87 3.57 0.00	44.87 3.71 0.00	42.37 3.49 0.00	38.23 3.17 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.43 2.03 0.00
GOWANUS_GT2_1 24114	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT2_2 24115	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT2_3 24116	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT2_4 24117	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00

GOWANUS_GT2_5 24118	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT2_6 24119	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT2_7 24120	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT2_8 24121	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT3_1 24122	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT3_2 24123	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT3_3 24124	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT3_4 24125	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT3_5 24126	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT3_6 24127	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT3_7 24128	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT3_8 24129	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
GOWANUS_GT4_1 24130	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT4_2 24131	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT4_3 24132	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00

GOWANUS_GT4_4 24133	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT4_5 24134	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT4_6 24135	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT4_7 24136	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GOWANUS_GT4_8 24137	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GREENBSH_115KV_TB3 55895	31.60 0.20 0.00	26.78 0.16 0.00	25.52 0.14 0.00	24.59 0.15 0.00	27.27 0.22 0.00	34.12 0.27 0.00	44.10 0.50 0.00	36.73 0.57 0.00	29.18 0.42 0.00	26.67 0.37 0.00	29.80 0.51 0.00	30.14 0.50 0.00	27.76 0.45 0.00	29.95 0.44 0.00	31.45 0.63 0.00	38.02 0.88 0.00	46.57 1.27 0.00	42.58 1.41 0.00	40.15 1.28 0.00	36.25 1.19 0.00	38.44 0.98 0.00	39.19 0.80 0.00	38.79 0.69 0.00	38.96 0.56 0.00
GREENDGE_115KV_TB5 80291	31.29 -0.10 0.00	26.56 -0.05 0.00	25.17 -0.22 0.00	24.24 -0.20 0.00	26.77 -0.28 0.00	33.55 -0.30 0.00	42.94 -0.66 0.00	41.11 -0.12 -5.07	28.82 0.06 0.00	26.50 0.20 0.00	29.50 0.21 0.00	29.82 0.17 0.00	27.30 -0.01 0.00	29.40 -0.11 0.00	30.77 -0.05 0.00	37.23 0.09 0.00	46.07 0.78 0.00	41.83 0.67 0.00	39.28 0.40 0.00	35.32 0.26 0.00	37.51 0.05 0.00	37.94 -0.45 0.00	37.67 -0.43 0.00	38.08 -0.32 0.00
GREENIDGE___3 23582	31.29 -0.10 0.00	26.56 -0.05 0.00	25.17 -0.22 0.00	24.24 -0.20 0.00	26.77 -0.28 0.00	33.55 -0.30 0.00	42.94 -0.66 0.00	41.11 -0.12 -5.07	28.82 0.06 0.00	26.50 0.20 0.00	29.50 0.21 0.00	29.82 0.17 0.00	27.30 -0.01 0.00	29.40 -0.11 0.00	30.77 -0.05 0.00	37.23 0.09 0.00	46.07 0.78 0.00	41.83 0.67 0.00	39.28 0.40 0.00	35.32 0.26 0.00	37.51 0.05 0.00	37.94 -0.45 0.00	37.67 -0.43 0.00	38.08 -0.32 0.00
GREENIDGE___4 23583	31.29 -0.10 0.00	26.56 -0.05 0.00	25.17 -0.22 0.00	24.24 -0.21 0.00	26.77 -0.28 0.00	33.55 -0.30 0.00	42.95 -0.65 0.00	41.11 -0.13 -5.07	28.82 0.06 0.00	26.50 0.20 0.00	29.50 0.21 0.00	29.82 0.17 0.00	27.30 -0.01 0.00	33.10 -0.11 -3.71	30.77 -0.05 0.00	37.24 0.09 0.00	46.07 0.78 0.00	45.37 0.68 -3.53	41.48 0.40 -2.20	36.04 0.27 -0.71	38.70 0.05 -1.19	38.12 -0.45 -0.19	37.67 -0.43 0.00	38.34 -0.32 -0.27
GREENLWN_69_KV_BK 3 55738	33.13 1.73 0.00	28.05 1.44 0.00	26.63 1.24 0.00	25.70 1.26 0.00	28.50 1.44 0.00	35.57 1.72 0.00	46.28 2.68 0.00	38.71 2.54 0.00	30.71 1.94 0.00	27.98 1.68 0.00	31.47 2.18 0.00	31.91 2.26 0.00	29.41 2.10 0.00	31.57 2.07 0.00	33.00 2.18 0.00	39.90 2.76 0.00	80.84 3.83 -31.71	94.26 3.98 -49.12	42.49 3.61 0.00	38.98 3.29 -0.64	40.56 3.10 0.00	41.00 2.61 0.00	40.58 2.49 0.00	40.80 2.40 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00
GRISSOM___SOLAR 323813	34.42 3.02 0.00	29.09 2.48 0.00	27.68 2.30 0.00	26.64 2.20 0.00	29.54 2.49 0.00	37.16 3.32 0.00	48.37 4.77 0.00	40.32 4.15 0.00	31.71 2.95 0.00	28.57 2.27 0.00	31.39 2.09 0.00	31.14 1.50 0.00	28.43 1.12 0.00	30.49 0.99 0.00	32.16 1.34 0.00	40.41 3.27 0.00	50.85 5.56 0.00	46.51 5.35 0.00	43.89 5.01 0.00	39.48 4.42 0.00	42.01 4.55 0.00	42.78 4.39 0.00	42.28 4.18 0.00	42.48 4.08 0.00
GROVEVILLE___HYD 323602	32.82 1.42 0.00	27.79 1.18 0.00	26.48 1.10 0.00	25.51 1.07 0.00	28.30 1.25 0.00	35.43 1.58 0.00	46.06 2.46 0.00	38.48 2.31 0.00	30.57 1.81 0.00	27.86 1.56 0.00	31.14 1.85 0.00	31.58 1.94 0.00	29.07 1.76 0.00	31.21 1.71 0.00	32.72 1.90 0.00	39.60 2.46 0.00	48.74 3.45 0.00	44.72 3.56 0.00	42.23 3.36 0.00	38.12 3.06 0.00	40.32 2.86 0.00	40.85 2.46 0.00	40.35 2.25 0.00	40.47 2.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.99 -0.41 0.00	26.27 -0.34 0.00	25.02 -0.37 0.00	24.10 -0.35 0.00	26.65 -0.41 0.00	33.36 -0.49 0.00	42.96 -0.64 0.00	36.50 -0.49 -0.82	28.38 -0.38 0.00	26.01 -0.30 0.00	28.94 -0.36 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.03 -0.47 0.00	30.38 -0.44 0.00	36.73 -0.42 0.00	45.16 -0.14 0.00	41.25 0.09 0.00	38.86 -0.02 0.00	35.02 -0.05 0.00	37.26 -0.20 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.87 -0.53 0.00
HAMLTNNY_34_KV_TB 80303	31.03 -0.37 0.00	26.31 -0.31 0.00	25.06 -0.33 0.00	24.13 -0.31 0.00	26.68 -0.37 0.00	33.39 -0.46 0.00	42.99 -0.62 0.00	36.69 -0.47 -0.99	28.41 -0.35 0.00	26.05 -0.26 0.00	28.98 -0.31 0.00	29.34 -0.31 0.00	26.95 -0.36 0.00	29.06 -0.45 0.00	30.42 -0.40 0.00	36.77 -0.37 0.00	45.27 -0.03 0.00	41.38 0.21 0.00	38.97 0.09 0.00	35.10 0.04 0.00	37.34 -0.12 0.00	37.96 -0.43 0.00	37.67 -0.43 0.00	37.94 -0.46 0.00

HAMPSHIRE___PAPER_HYD 323593	31.16 -0.23 0.00	26.32 -0.29 0.00	25.01 -0.38 0.00	24.03 -0.41 0.00	26.64 -0.41 0.00	33.57 -0.29 0.00	43.59 -0.01 0.00	36.01 -0.16 0.00	28.67 -0.09 0.00	26.01 -0.30 0.00	28.74 -0.55 0.00	29.03 -0.61 0.00	26.85 -0.46 0.00	29.05 -0.45 0.00	30.28 -0.54 0.00	36.68 -0.46 0.00	44.81 -0.48 0.00	40.10 -1.07 0.00	38.31 -0.57 0.00	34.56 -0.50 0.00	37.18 -0.28 0.00	38.47 0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00
HARDSCRABBLE_WT_PWR 323673	31.35 -0.05 0.00	26.53 -0.09 0.00	25.26 -0.12 0.00	24.34 -0.11 0.00	27.09 0.03 0.00	33.93 0.07 0.00	44.10 0.50 0.00	36.92 0.75 0.00	29.23 0.47 0.00	26.56 0.25 0.00	29.65 0.36 0.00	29.93 0.29 0.00	27.44 0.13 0.00	29.53 0.03 0.00	31.13 0.31 0.00	37.86 0.72 0.00	46.68 1.38 0.00	42.79 1.63 0.00	40.38 1.50 0.00	36.46 1.40 0.00	38.60 1.14 0.00	39.16 0.76 0.00	38.64 0.54 0.00	38.81 0.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.57 1.18 0.00	27.58 0.96 0.00	26.29 0.90 0.00	25.31 0.87 0.00	28.09 1.03 0.00	35.19 1.34 0.00	45.74 2.14 0.00	38.20 2.04 0.00	30.34 1.58 0.00	27.65 1.34 0.00	30.89 1.60 0.00	31.34 1.70 0.00	28.86 1.55 0.00	30.94 1.43 0.00	32.38 1.56 0.00	39.21 2.06 0.00	48.32 3.02 0.00	44.34 3.17 0.00	41.85 2.97 0.00	37.73 2.67 0.00	39.94 2.48 0.00	40.44 2.05 0.00	39.93 1.83 0.00	40.08 1.68 0.00
HARSNRAD_115KV_TB1 81005	29.73 -1.67 0.00	25.21 -1.40 0.00	23.78 -1.60 0.00	22.87 -1.57 0.00	25.04 -2.02 0.00	31.45 -2.40 0.00	39.69 -3.91 0.00	31.42 -3.97 0.78	25.89 -2.88 0.00	24.28 -2.02 0.00	27.10 -2.19 0.00	27.61 -2.03 0.00	25.40 -1.91 0.00	27.44 -2.07 0.00	28.52 -2.30 0.00	34.06 -3.08 0.00	42.31 -2.99 0.00	39.23 -1.93 0.00	36.56 -2.32 0.00	32.73 -2.33 0.00	34.88 -2.58 0.00	34.81 -3.58 0.00	35.02 -3.08 0.00	36.01 -2.39 0.00
HARZA MOOSE___RIVER 24016	31.78 0.38 0.00	26.82 0.20 0.00	25.42 0.03 0.00	24.47 0.03 0.00	27.13 0.07 0.00	34.21 0.36 0.00	44.52 0.92 0.00	36.93 0.76 0.00	29.43 0.67 0.00	26.77 0.47 0.00	29.66 0.37 0.00	29.98 0.33 0.00	27.62 0.31 0.00	29.79 0.29 0.00	31.18 0.36 0.00	37.89 0.75 0.00	46.64 1.34 0.00	42.40 1.24 0.00	40.12 1.24 0.00	36.20 1.14 0.00	38.71 1.25 0.00	39.60 1.21 0.00	39.20 1.10 0.00	39.45 1.05 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.76 -0.63 0.00	26.08 -0.54 0.00	24.82 -0.56 0.00	23.91 -0.53 0.00	26.43 -0.63 0.00	33.10 -0.75 0.00	42.56 -1.04 0.00	35.57 -0.84 -0.24	28.12 -0.65 0.00	25.78 -0.52 0.00	28.71 -0.58 0.00	29.05 -0.59 0.00	26.71 -0.60 0.00	28.80 -0.70 0.00	30.14 -0.68 0.00	36.41 -0.73 0.00	44.75 -0.55 0.00	40.89 -0.28 0.00	38.51 -0.37 0.00	34.70 -0.36 0.00	36.92 -0.54 0.00	37.56 -0.84 0.00	37.26 -0.83 0.00	37.55 -0.84 0.00
HELLGATE_13_KV_LD 55870	32.62 1.22 0.00	27.61 1.00 0.00	26.33 0.95 0.00	25.35 0.90 0.00	28.10 1.04 0.00	35.25 1.41 0.00	45.86 2.26 0.00	38.41 2.24 0.00	30.58 1.81 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.68 2.03 0.00	29.21 1.90 0.00	31.25 1.74 0.00	32.67 1.85 0.00	39.49 2.35 0.00	48.61 3.32 0.00	44.60 3.44 0.00	42.11 3.23 0.00	37.99 2.93 0.00	40.12 2.66 0.00	40.61 2.22 0.00	40.06 1.96 0.00	40.18 1.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.62 1.22 0.00	27.61 1.00 0.00	26.33 0.95 0.00	25.35 0.90 0.00	28.10 1.04 0.00	35.25 1.41 0.00	45.86 2.26 0.00	38.41 2.24 0.00	30.58 1.81 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.68 2.03 0.00	29.21 1.90 0.00	31.25 1.74 0.00	32.67 1.85 0.00	39.49 2.35 0.00	48.61 3.32 0.00	44.60 3.44 0.00	42.11 3.23 0.00	37.99 2.93 0.00	40.12 2.66 0.00	40.61 2.22 0.00	40.06 1.96 0.00	40.18 1.78 0.00
HEMPSTEAD___ 23647	33.08 1.68 0.00	27.99 1.37 0.00	26.60 1.21 0.00	25.66 1.22 0.00	28.47 1.41 0.00	35.62 1.77 0.00	46.37 2.78 0.00	38.79 2.62 0.00	30.81 2.05 0.00	28.05 1.74 0.00	31.44 2.15 0.00	31.88 2.23 0.00	29.36 2.05 0.00	31.50 2.00 0.00	32.97 2.15 0.00	39.93 2.78 0.00	80.87 3.86 -31.71	94.22 3.94 -49.12	42.57 3.69 0.00	39.04 3.34 -0.64	40.61 3.15 0.00	41.05 2.66 0.00	40.56 2.46 0.00	40.69 2.29 0.00
HEWLETT__69_KV_BK3 55828	33.29 1.89 0.00	28.15 1.53 0.00	26.77 1.38 0.00	25.81 1.37 0.00	28.63 1.58 0.00	35.86 2.01 0.00	46.71 3.11 0.00	39.03 2.86 0.00	30.99 2.23 0.00	28.21 1.91 0.00	31.63 2.34 0.00	32.09 2.44 0.00	29.56 2.24 0.00	31.70 2.20 0.00	33.18 2.36 0.00	40.16 3.02 0.00	81.04 4.03 -31.71	94.36 4.07 -49.12	42.72 3.85 0.00	39.20 3.50 -0.64	40.93 3.47 0.00	41.33 2.94 0.00	40.80 2.71 0.00	40.92 2.52 0.00
HICKLING___1 23621	31.40 0.00 0.00	26.58 -0.03 0.00	25.18 -0.21 0.00	24.25 -0.20 0.00	26.80 -0.25 0.00	33.63 -0.22 0.00	43.26 -0.34 0.00	38.06 0.25 -1.64	28.94 0.18 0.00	26.50 0.19 0.00	29.63 0.34 0.00	30.04 0.39 0.00	27.47 0.16 0.00	29.61 0.10 0.00	31.05 0.22 0.00	37.59 0.45 0.00	46.60 1.30 0.00	42.17 1.01 0.00	39.64 0.76 0.00	35.63 0.57 0.00	37.80 0.35 0.00	38.26 -0.13 0.00	38.05 -0.05 0.00	38.40 0.00 0.00
HICKLING___2 23622	31.40 0.00 0.00	26.58 -0.03 0.00	25.18 -0.21 0.00	24.25 -0.20 0.00	26.80 -0.25 0.00	33.63 -0.22 0.00	43.26 -0.34 0.00	38.06 0.25 -1.64	28.94 0.18 0.00	26.50 0.19 0.00	29.63 0.34 0.00	30.04 0.39 0.00	27.47 0.16 0.00	29.61 0.10 0.00	31.05 0.22 0.00	37.59 0.45 0.00	46.60 1.30 0.00	42.17 1.01 0.00	39.64 0.76 0.00	35.63 0.57 0.00	37.80 0.35 0.00	38.26 -0.13 0.00	38.05 -0.05 0.00	38.40 0.00 0.00
HIGH FALLS___HY 23754	32.98 1.58 0.00	27.92 1.31 0.00	26.60 1.22 0.00	25.62 1.17 0.00	28.41 1.36 0.00	35.59 1.74 0.00	46.30 2.70 0.00	38.72 2.54 0.00	30.74 1.98 0.00	27.94 1.63 0.00	31.12 1.83 0.00	31.52 1.88 0.00	28.99 1.68 0.00	31.09 1.59 0.00	32.63 1.81 0.00	39.64 2.50 0.00	49.02 3.72 0.00	45.02 3.86 0.00	42.56 3.68 0.00	38.41 3.35 0.00	40.63 3.17 0.00	41.12 2.72 0.00	40.57 2.47 0.00	40.68 2.29 0.00
HILLBURN___GT 23639	32.48 1.09 0.00	27.50 0.88 0.00	26.21 0.83 0.00	25.25 0.81 0.00	28.03 0.97 0.00	35.10 1.25 0.00	45.66 2.06 0.00	38.13 1.96 0.00	30.28 1.52 0.00	27.59 1.29 0.00	30.85 1.56 0.00	31.33 1.68 0.00	28.84 1.53 0.00	30.88 1.38 0.00	32.29 1.47 0.00	39.09 1.95 0.00	48.17 2.87 0.00	44.20 3.03 0.00	41.73 2.85 0.00	37.62 2.56 0.00	39.80 2.34 0.00	40.29 1.89 0.00	39.78 1.68 0.00	39.93 1.54 0.00
HILLSIDE_115KV_TB1 80332	30.95 -0.45 0.00	26.22 -0.40 0.00	24.85 -0.53 0.00	23.95 -0.49 0.00	26.50 -0.56 0.00	33.22 -0.63 0.00	42.76 -0.84 0.00	37.29 -0.37 -1.49	28.43 -0.33 0.00	26.02 -0.29 0.00	29.09 -0.20 0.00	29.53 -0.11 0.00	27.02 -0.29 0.00	29.15 -0.36 0.00	30.56 -0.27 0.00	36.93 -0.21 0.00	45.67 0.37 0.00	41.33 0.16 0.00	38.87 -0.01 0.00	34.95 -0.11 0.00	37.10 -0.36 0.00	37.58 -0.82 0.00	37.41 -0.69 0.00	37.75 -0.65 0.00

HISHELDN_WT_PWR 323625	30.42 -0.97 0.00	25.79 -0.83 0.00	24.33 -1.06 0.00	23.41 -1.04 0.00	25.69 -1.36 0.00	32.20 -1.65 0.00	40.73 -2.87 0.00	32.06 -3.44 0.67	26.28 -2.48 0.00	24.59 -1.72 0.00	27.49 -1.80 0.00	28.03 -1.61 0.00	25.80 -1.52 0.00	19.34 -1.62 8.53	28.99 -1.83 0.00	34.67 -2.47 0.00	43.05 -2.24 0.00	33.05 -1.33 6.78	32.87 -1.77 4.23	31.82 -1.88 1.36	33.04 -2.14 2.28	34.94 -3.10 0.36	35.49 -2.61 0.00	35.89 -2.00 0.51
HOLTSVILLE_IC_1 23690	33.51 2.12 0.00	28.34 1.72 0.00	26.89 1.51 0.00	25.98 1.53 0.00	28.80 1.75 0.00	36.03 2.18 0.00	47.02 3.43 0.00	39.29 3.12 0.00	31.03 2.27 0.00	28.12 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.63 2.13 0.00	33.14 2.32 0.00	40.29 3.15 0.00	81.39 4.38 -31.71	94.65 4.36 -49.12	42.83 3.95 0.00	39.30 3.60 -0.64	40.88 3.42 0.00	41.29 2.90 0.00	40.84 2.74 0.00	41.06 2.66 0.00
HOLTSVILLE_IC_10 23699	33.66 2.26 0.00	28.46 1.84 0.00	27.00 1.62 0.00	26.08 1.64 0.00	28.92 1.87 0.00	36.19 2.34 0.00	47.26 3.66 0.00	39.48 3.31 0.00	31.19 2.43 0.00	28.26 1.95 0.00	31.65 2.36 0.00	32.10 2.46 0.00	29.57 2.26 0.00	31.78 2.27 0.00	33.30 2.48 0.00	40.51 3.37 0.00	81.68 4.68 -31.71	94.95 4.67 -49.12	43.12 4.24 0.00	39.56 3.87 -0.64	41.15 3.69 0.00	41.54 3.15 0.00	41.06 2.96 0.00	41.27 2.87 0.00
HOLTSVILLE_IC_2 23691	33.51 2.12 0.00	28.34 1.72 0.00	26.89 1.51 0.00	25.98 1.53 0.00	28.80 1.75 0.00	36.03 2.18 0.00	47.02 3.43 0.00	39.29 3.12 0.00	31.03 2.27 0.00	28.12 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.63 2.13 0.00	33.14 2.32 0.00	40.29 3.15 0.00	81.39 4.38 -31.71	94.65 4.36 -49.12	42.83 3.95 0.00	39.30 3.60 -0.64	40.88 3.42 0.00	41.29 2.90 0.00	40.84 2.74 0.00	41.06 2.66 0.00
HOLTSVILLE_IC_3 23692	33.51 2.12 0.00	28.34 1.72 0.00	26.89 1.51 0.00	25.98 1.53 0.00	28.80 1.75 0.00	36.03 2.18 0.00	47.02 3.43 0.00	39.29 3.12 0.00	31.03 2.27 0.00	28.12 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.63 2.13 0.00	33.14 2.32 0.00	40.29 3.15 0.00	81.39 4.38 -31.71	94.65 4.36 -49.12	42.83 3.95 0.00	39.30 3.60 -0.64	40.88 3.42 0.00	41.29 2.90 0.00	40.84 2.74 0.00	41.06 2.66 0.00
HOLTSVILLE_IC_4 23693	33.51 2.12 0.00	28.34 1.72 0.00	26.89 1.51 0.00	25.98 1.53 0.00	28.80 1.75 0.00	36.03 2.18 0.00	47.02 3.43 0.00	39.29 3.12 0.00	31.03 2.27 0.00	28.12 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.63 2.13 0.00	33.14 2.32 0.00	40.29 3.15 0.00	81.39 4.38 -31.71	94.65 4.36 -49.12	42.83 3.95 0.00	39.30 3.60 -0.64	40.88 3.42 0.00	41.29 2.90 0.00	40.84 2.74 0.00	41.06 2.66 0.00
HOLTSVILLE_IC_5 23694	33.51 2.12 0.00	28.34 1.72 0.00	26.89 1.51 0.00	25.98 1.53 0.00	28.80 1.75 0.00	36.03 2.18 0.00	47.02 3.43 0.00	39.29 3.12 0.00	31.03 2.27 0.00	28.12 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.63 2.13 0.00	33.14 2.32 0.00	40.29 3.15 0.00	81.39 4.38 -31.71	94.65 4.36 -49.12	42.83 3.95 0.00	39.30 3.60 -0.64	40.88 3.42 0.00	41.29 2.90 0.00	40.84 2.74 0.00	41.06 2.66 0.00
HOLTSVILLE_IC_6 23695	33.66 2.26 0.00	28.46 1.84 0.00	27.00 1.62 0.00	26.08 1.64 0.00	28.92 1.87 0.00	36.19 2.34 0.00	47.26 3.66 0.00	39.48 3.31 0.00	31.19 2.43 0.00	28.26 1.95 0.00	31.65 2.36 0.00	32.10 2.46 0.00	29.57 2.26 0.00	31.78 2.27 0.00	33.30 2.48 0.00	40.51 3.37 0.00	81.68 4.68 -31.71	94.95 4.67 -49.12	43.12 4.24 0.00	39.56 3.87 -0.64	41.15 3.69 0.00	41.54 3.15 0.00	41.06 2.96 0.00	41.27 2.87 0.00
HOLTSVILLE_IC_7 23696	33.66 2.26 0.00	28.46 1.84 0.00	27.00 1.62 0.00	26.08 1.64 0.00	28.92 1.87 0.00	36.19 2.34 0.00	47.26 3.66 0.00	39.48 3.31 0.00	31.19 2.43 0.00	28.26 1.95 0.00	31.65 2.36 0.00	32.10 2.46 0.00	29.57 2.26 0.00	31.78 2.27 0.00	33.30 2.48 0.00	40.51 3.37 0.00	81.68 4.68 -31.71	94.95 4.67 -49.12	43.12 4.24 0.00	39.56 3.87 -0.64	41.15 3.69 0.00	41.54 3.15 0.00	41.06 2.96 0.00	41.27 2.87 0.00
HOLTSVILLE_IC_8 23697	33.66 2.26 0.00	28.46 1.84 0.00	27.00 1.62 0.00	26.08 1.64 0.00	28.92 1.87 0.00	36.19 2.34 0.00	47.26 3.66 0.00	39.48 3.31 0.00	31.19 2.43 0.00	28.26 1.95 0.00	31.65 2.36 0.00	32.10 2.46 0.00	29.57 2.26 0.00	31.78 2.27 0.00	33.30 2.48 0.00	40.51 3.37 0.00	81.68 4.68 -31.71	94.95 4.67 -49.12	43.12 4.24 0.00	39.56 3.87 -0.64	41.15 3.69 0.00	41.54 3.15 0.00	41.06 2.96 0.00	41.27 2.87 0.00
HOLTSVILLE_IC_9 23698	33.66 2.26 0.00	28.46 1.84 0.00	27.00 1.62 0.00	26.08 1.64 0.00	28.92 1.87 0.00	36.19 2.34 0.00	47.26 3.66 0.00	39.48 3.31 0.00	31.19 2.43 0.00	28.26 1.95 0.00	31.65 2.36 0.00	32.10 2.46 0.00	29.57 2.26 0.00	31.78 2.27 0.00	33.30 2.48 0.00	40.51 3.37 0.00	81.68 4.68 -31.71	94.95 4.67 -49.12	43.12 4.24 0.00	39.56 3.87 -0.64	41.15 3.69 0.00	41.54 3.15 0.00	41.06 2.96 0.00	41.27 2.87 0.00
HOMER_HL_115KV_TB2 355744	31.36 -0.04 0.00	26.67 0.05 0.00	25.24 -0.15 0.00	24.34 -0.11 0.00	26.81 -0.25 0.00	33.55 -0.30 0.00	42.45 -1.15 0.00	34.38 -1.37 0.42	27.76 -1.01 0.00	25.87 -0.44 0.00	29.28 -0.01 0.00	29.89 0.25 0.00	27.46 0.15 0.00	29.53 0.03 0.00	30.65 -0.17 0.00	36.65 -0.49 0.00	45.37 0.07 0.00	41.77 0.61 0.00	39.06 0.18 0.00	35.01 -0.05 0.00	37.32 -0.14 0.00	37.39 -1.00 0.00	37.61 -0.49 0.00	38.36 -0.04 0.00
HOWARD_WT_PWR 323690	31.46 0.06 0.00	26.62 0.00 0.00	25.12 -0.27 0.00	24.13 -0.32 0.00	26.58 -0.48 0.00	33.39 -0.46 0.00	42.79 -0.81 0.00	39.01 0.71 -2.13	29.36 0.60 0.00	26.86 0.56 0.00	30.06 0.77 0.00	30.45 0.81 0.00	27.86 0.55 0.00	35.91 0.45 -5.97	31.41 0.59 0.00	38.19 1.05 0.00	47.57 2.27 0.00	48.81 1.51 -6.13	43.83 1.12 -3.83	37.22 0.93 -1.23	40.23 0.71 -2.06	38.98 0.26 -0.32	38.33 0.23 0.00	39.19 0.33 -0.46
HQ_GEN_CEDARS 23644	32.12 0.72 0.00	27.24 0.62 0.00	26.00 0.61 0.00	25.01 0.56 0.00	27.65 0.59 0.00	34.61 0.75 0.00	44.51 0.91 0.00	36.68 0.51 0.00	29.17 0.41 0.00	26.53 0.23 0.00	29.39 0.09 0.00	29.67 0.03 0.00	27.44 0.13 0.00	29.82 0.31 0.00	30.98 0.16 0.00	37.18 0.04 0.00	44.86 -0.44 0.00	39.45 -1.71 0.00	38.13 -0.74 0.00	34.38 -0.68 0.00	37.12 -0.34 0.00	38.77 0.38 0.00	38.35 0.25 0.00	38.81 0.41 0.00
HQ_GEN_CEDARS_PROXY 323590	32.12 0.72 0.00	27.24 0.62 0.00	26.00 0.61 0.00	25.01 0.56 0.00	27.65 0.59 0.00	34.61 0.75 0.00	44.51 0.91 0.00	36.68 0.51 0.00	29.65 0.41 -0.48	26.53 0.23 0.00	29.39 0.09 0.00	29.67 0.03 0.00	27.44 0.14 0.00	29.82 0.31 0.00	30.98 0.16 0.00	37.68 0.04 -0.49	51.95 -0.44 -7.09	39.45 -1.72 0.00	38.13 -0.74 0.00	34.38 -0.68 0.00	37.12 -0.34 0.00	38.77 0.38 0.00	38.35 0.25 0.00	38.81 0.41 0.00

HQ_GEN_IMPORT 323601	31.67 0.27 0.00	26.86 0.24 0.00	25.67 0.28 0.00	24.69 0.25 0.00	27.32 0.27 0.00	34.17 0.32 0.00	43.88 0.28 0.00	36.24 0.08 0.00	28.83 0.07 0.00	26.36 0.06 0.00	29.28 -0.01 0.00	29.61 -0.03 0.00	27.34 0.03 0.00	29.65 0.15 0.00	30.85 0.03 0.00	37.04 -0.10 0.00	36.47 -0.55 8.28	40.28 -0.88 0.00	38.16 -0.72 0.00	34.40 -0.66 0.00	37.07 -0.39 0.00	38.40 0.00 0.00	38.16 0.06 0.00	38.55 0.16 0.00
HQ_GEN_WHEEL 23651	31.67 0.27 0.00	26.86 0.24 0.00	25.67 0.28 0.00	24.69 0.25 0.00	27.32 0.27 0.00	34.17 0.32 0.00	43.88 0.28 0.00	36.24 0.08 0.00	28.83 0.07 0.00	26.36 0.06 0.00	29.28 -0.01 0.00	29.61 -0.03 0.00	27.34 0.03 0.00	29.65 0.15 0.00	30.85 0.03 0.00	37.04 -0.10 0.00	36.47 -0.55 8.28	40.28 -0.88 0.00	38.16 -0.72 0.00	34.40 -0.66 0.00	37.07 -0.39 0.00	38.40 0.00 0.00	38.16 0.06 0.00	38.55 0.16 0.00
HUDSON AVE_GT_3 23810	32.69 1.30 0.00	27.67 1.06 0.00	26.37 0.99 0.00	25.41 0.97 0.00	28.18 1.13 0.00	35.32 1.47 0.00	45.95 2.36 0.00	38.47 2.29 0.00	30.61 1.85 0.00	27.93 1.63 0.00	31.24 1.95 0.00	31.72 2.07 0.00	29.22 1.91 0.00	31.29 1.79 0.00	32.71 1.89 0.00	39.55 2.41 0.00	48.65 3.36 0.00	44.63 3.47 0.00	42.16 3.28 0.00	38.03 2.97 0.00	40.18 2.72 0.00	40.68 2.28 0.00	40.14 2.04 0.00	40.25 1.85 0.00
HUDSON AVE_GT_4 23540	32.69 1.30 0.00	27.67 1.06 0.00	26.37 0.99 0.00	25.41 0.97 0.00	28.18 1.13 0.00	35.32 1.47 0.00	45.95 2.36 0.00	38.47 2.29 0.00	30.61 1.85 0.00	27.93 1.63 0.00	31.24 1.95 0.00	31.72 2.07 0.00	29.22 1.91 0.00	31.29 1.79 0.00	32.71 1.89 0.00	39.55 2.41 0.00	48.65 3.36 0.00	44.63 3.47 0.00	42.16 3.28 0.00	38.03 2.97 0.00	40.18 2.72 0.00	40.68 2.28 0.00	40.14 2.04 0.00	40.25 1.85 0.00
HUDSON AVE_GT_5 23657	32.69 1.30 0.00	27.67 1.06 0.00	26.37 0.99 0.00	25.41 0.97 0.00	28.18 1.13 0.00	35.32 1.47 0.00	45.95 2.36 0.00	38.47 2.29 0.00	30.61 1.85 0.00	27.93 1.63 0.00	31.24 1.95 0.00	31.72 2.07 0.00	29.22 1.91 0.00	31.29 1.79 0.00	32.71 1.89 0.00	39.55 2.41 0.00	48.65 3.36 0.00	44.63 3.47 0.00	42.16 3.28 0.00	38.03 2.97 0.00	40.18 2.72 0.00	40.68 2.28 0.00	40.14 2.04 0.00	40.25 1.85 0.00
HUDSON_AVE_10 24168	32.58 1.19 0.00	27.59 0.97 0.00	26.31 0.93 0.00	25.35 0.90 0.00	28.10 1.04 0.00	35.23 1.38 0.00	45.86 2.26 0.00	38.40 2.22 0.00	30.54 1.78 0.00	27.87 1.56 0.00	31.15 1.86 0.00	31.63 1.99 0.00	29.14 1.84 0.00	31.21 1.70 0.00	32.63 1.81 0.00	39.45 2.31 0.00	48.53 3.23 0.00	44.53 3.37 0.00	42.05 3.17 0.00	37.94 2.88 0.00	40.08 2.62 0.00	40.58 2.19 0.00	40.02 1.92 0.00	40.14 1.74 0.00
HUDSON___115KV_TB 4 355613	32.35 0.95 0.00	27.40 0.78 0.00	26.10 0.71 0.00	25.14 0.70 0.00	27.90 0.84 0.00	34.96 1.11 0.00	45.25 1.65 0.00	37.75 1.58 0.00	29.97 1.21 0.00	27.31 1.00 0.00	30.38 1.09 0.00	30.65 1.01 0.00	28.21 0.89 0.00	30.48 0.98 0.00	32.09 1.27 0.00	38.96 1.82 0.00	47.97 2.67 0.00	43.94 2.77 0.00	41.42 2.55 0.00	37.39 2.33 0.00	39.61 2.15 0.00	40.36 1.96 0.00	39.93 1.83 0.00	40.08 1.68 0.00
HUNTER MOUNT___DRP 323613	32.60 1.20 0.00	27.60 0.99 0.00	26.29 0.91 0.00	25.33 0.88 0.00	28.11 1.06 0.00	35.23 1.39 0.00	45.61 2.01 0.00	38.04 1.87 0.00	30.20 1.44 0.00	27.49 1.18 0.00	30.52 1.23 0.00	30.77 1.13 0.00	28.31 1.00 0.00	30.63 1.13 0.00	32.29 1.47 0.00	39.25 2.11 0.00	48.37 3.07 0.00	44.34 3.17 0.00	41.79 2.91 0.00	37.70 2.64 0.00	39.96 2.50 0.00	40.72 2.33 0.00	40.29 2.19 0.00	40.43 2.04 0.00
HUNTINGTON_RES_REC 323705	33.32 1.92 0.00	28.19 1.58 0.00	26.75 1.37 0.00	25.83 1.38 0.00	28.64 1.58 0.00	35.77 1.92 0.00	46.62 3.02 0.00	38.97 2.80 0.00	30.88 2.11 0.00	28.08 1.77 0.00	31.52 2.23 0.00	31.96 2.32 0.00	29.45 2.14 0.00	31.63 2.12 0.00	33.10 2.28 0.00	40.13 2.99 0.00	81.19 4.18 -31.71	94.60 4.31 -49.12	42.79 3.91 0.00	39.25 3.56 -0.64	40.84 3.38 0.00	41.26 2.86 0.00	40.82 2.72 0.00	41.01 2.61 0.00
HUNTLEY___63 23557	30.11 -1.29 0.00	25.54 -1.08 0.00	24.09 -1.29 0.00	23.17 -1.28 0.00	25.38 -1.68 0.00	31.87 -1.98 0.00	40.24 -3.35 0.00	31.93 -3.53 0.71	26.23 -2.53 0.00	24.60 -1.70 0.00	27.44 -1.85 0.00	27.95 -1.70 0.00	25.72 -1.59 0.00	27.79 -1.72 0.00	28.89 -1.94 0.00	34.48 -2.66 0.00	42.78 -2.52 0.00	39.72 -1.44 0.00	37.00 -1.87 0.00	33.10 -1.96 0.00	35.27 -2.19 0.00	35.18 -3.21 0.00	35.37 -2.73 0.00	36.37 -2.02 0.00
HUNTLEY___64 23558	30.11 -1.29 0.00	25.54 -1.08 0.00	24.09 -1.29 0.00	23.17 -1.28 0.00	25.38 -1.68 0.00	31.87 -1.98 0.00	40.24 -3.35 0.00	31.93 -3.53 0.71	26.23 -2.53 0.00	24.60 -1.70 0.00	27.44 -1.85 0.00	27.95 -1.70 0.00	25.72 -1.59 0.00	27.79 -1.72 0.00	28.89 -1.94 0.00	34.48 -2.66 0.00	42.78 -2.52 0.00	39.72 -1.44 0.00	37.00 -1.87 0.00	33.10 -1.96 0.00	35.27 -2.19 0.00	35.18 -3.21 0.00	35.37 -2.73 0.00	36.37 -2.02 0.00
HUNTLEY___65 23559	30.11 -1.29 0.00	25.54 -1.08 0.00	24.09 -1.29 0.00	23.17 -1.28 0.00	25.38 -1.68 0.00	31.87 -1.98 0.00	40.24 -3.35 0.00	31.93 -3.53 0.71	26.23 -2.53 0.00	24.60 -1.70 0.00	27.44 -1.85 0.00	27.95 -1.70 0.00	25.72 -1.59 0.00	27.79 -1.72 0.00	28.89 -1.94 0.00	34.48 -2.66 0.00	42.78 -2.52 0.00	39.72 -1.44 0.00	37.00 -1.87 0.00	33.10 -1.96 0.00	35.27 -2.19 0.00	35.18 -3.21 0.00	35.37 -2.73 0.00	36.37 -2.02 0.00
HUNTLEY___66 23560	30.11 -1.29 0.00	25.54 -1.08 0.00	24.09 -1.29 0.00	23.17 -1.28 0.00	25.38 -1.68 0.00	31.87 -1.98 0.00	40.24 -3.35 0.00	31.93 -3.53 0.71	26.23 -2.53 0.00	24.60 -1.70 0.00	27.44 -1.85 0.00	27.95 -1.70 0.00	25.72 -1.59 0.00	27.79 -1.72 0.00	28.89 -1.94 0.00	34.48 -2.66 0.00	42.78 -2.52 0.00	39.72 -1.44 0.00	37.00 -1.87 0.00	33.10 -1.96 0.00	35.27 -2.19 0.00	35.18 -3.21 0.00	35.37 -2.73 0.00	36.37 -2.02 0.00
HUNTLEY___67 23561	29.88 -1.52 0.00	25.34 -1.27 0.00	23.91 -1.47 0.00	22.99 -1.45 0.00	25.20 -1.85 0.00	31.61 -2.24 0.00	39.91 -3.68 0.00	31.77 -3.72 0.68	26.05 -2.71 0.00	24.40 -1.91 0.00	27.25 -2.04 0.00	27.77 -1.88 0.00	25.55 -1.76 0.00	27.61 -1.89 0.00	28.72 -2.10 0.00	34.32 -2.82 0.00	42.59 -2.71 0.00	39.41 -1.75 0.00	36.74 -2.14 0.00	32.89 -2.17 0.00	35.06 -2.40 0.00	35.04 -3.36 0.00	35.23 -2.87 0.00	36.16 -2.24 0.00
HUNTLEY___68 23562	29.88 -1.52 0.00	25.34 -1.27 0.00	23.91 -1.47 0.00	22.99 -1.45 0.00	25.20 -1.85 0.00	31.61 -2.24 0.00	39.91 -3.68 0.00	31.77 -3.72 0.68	26.05 -2.71 0.00	24.40 -1.91 0.00	27.25 -2.04 0.00	27.77 -1.88 0.00	25.55 -1.76 0.00	27.61 -1.89 0.00	28.72 -2.10 0.00	34.32 -2.82 0.00	42.59 -2.71 0.00	39.41 -1.75 0.00	36.74 -2.14 0.00	32.89 -2.17 0.00	35.06 -2.40 0.00	35.04 -3.36 0.00	35.23 -2.87 0.00	36.16 -2.24 0.00



HYLAND___LFGE 323620	32.19 0.79 0.00	27.23 0.61 0.00	25.72 0.34 0.00	24.75 0.31 0.00	27.26 0.21 0.00	34.33 0.48 0.00	44.10 0.50 0.00	38.04 1.03 -0.84	29.66 0.90 0.00	27.26 0.95 0.00	30.47 1.17 0.00	30.72 1.08 0.00	27.87 0.56 0.00	32.33 0.04 -2.79	30.79 -0.04 0.00	37.46 0.32 0.00	47.77 2.47 0.00	42.28 4.21 3.10	40.51 3.57 1.93	37.41 2.97 0.62	39.37 2.95 1.04	40.28 2.05 0.16	40.13 2.03 0.00	40.33 2.17 0.23
INDECK___CORINTH 23802	32.94 1.54 0.00	27.86 1.24 0.00	26.55 1.16 0.00	25.63 1.19 0.00	28.45 1.39 0.00	35.69 1.84 0.00	46.29 2.69 0.00	38.66 2.49 0.00	30.75 1.99 0.00	28.11 1.81 0.00	31.38 2.08 0.00	31.76 2.12 0.00	28.98 1.67 0.00	30.96 1.46 0.00	32.18 1.36 0.00	38.89 1.75 0.00	47.77 2.47 0.00	43.60 2.44 0.00	41.12 2.24 0.00	37.01 1.95 0.00	39.14 1.68 0.00	39.86 1.47 0.00	39.47 1.37 0.00	39.60 1.21 0.00
INDECK___ILION 23567	31.45 0.05 0.00	26.63 0.01 0.00	25.38 -0.01 0.00	24.45 0.01 0.00	27.13 0.07 0.00	34.00 0.15 0.00	44.04 0.44 0.00	36.75 0.58 0.00	29.15 0.38 0.00	26.53 0.23 0.00	29.58 0.29 0.00	29.90 0.26 0.00	27.46 0.16 0.00	29.60 0.10 0.00	31.10 0.27 0.00	37.72 0.58 0.00	46.33 1.03 0.00	42.39 1.22 0.00	40.00 1.12 0.00	36.09 1.03 0.00	38.34 0.88 0.00	39.03 0.64 0.00	38.61 0.51 0.00	38.80 0.40 0.00
INDECK___OLEAN 23982	31.36 -0.04 0.00	26.67 0.05 0.00	25.24 -0.15 0.00	24.33 -0.12 0.00	26.81 -0.25 0.00	33.55 -0.30 0.00	42.46 -1.14 0.00	34.36 -1.40 0.42	27.76 -1.00 0.00	25.87 -0.44 0.00	29.28 -0.01 0.00	29.89 0.25 0.00	27.47 0.16 0.00	17.59 0.02 11.94	30.66 -0.17 0.00	36.66 -0.49 0.00	45.37 0.07 0.00	32.47 0.64 9.33	33.27 0.22 5.83	33.16 -0.04 1.87	34.17 -0.14 3.14	36.90 -1.00 0.49	37.60 -0.50 0.00	37.66 -0.04 0.70
INDECK___OSWEGO 23783	30.37 -1.03 0.00	25.74 -0.87 0.00	24.50 -0.88 0.00	23.59 -0.85 0.00	26.09 -0.97 0.00	32.66 -1.19 0.00	42.08 -1.52 0.00	35.32 -1.24 -0.39	27.79 -0.97 0.00	25.45 -0.85 0.00	28.31 -0.98 0.00	28.65 -0.99 0.00	26.37 -0.94 0.00	28.42 -1.08 0.00	29.74 -1.09 0.00	35.94 -1.21 0.00	44.15 -1.15 0.00	40.32 -0.84 0.00	38.01 -0.87 0.00	34.27 -0.79 0.00	36.48 -0.98 0.00	37.17 -1.22 0.00	36.87 -1.23 0.00	37.14 -1.26 0.00
INDECK___YERKES 23781	30.14 -1.26 0.00	25.56 -1.05 0.00	24.12 -1.27 0.00	23.18 -1.27 0.00	25.40 -1.65 0.00	31.91 -1.95 0.00	40.29 -3.31 0.00	31.97 -3.49 0.71	26.26 -2.50 0.00	24.63 -1.67 0.00	27.47 -1.82 0.00	27.98 -1.67 0.00	25.75 -1.56 0.00	19.89 -1.68 7.93	28.92 -1.90 0.00	34.52 -2.62 0.00	42.83 -2.47 0.00	33.47 -1.36 6.34	33.13 -1.79 3.96	31.89 -1.90 1.27	33.18 -2.15 2.13	34.88 -3.17 0.34	35.40 -2.69 0.00	35.93 -1.99 0.48
INDIAN POINT_GT_1 24139	32.47 1.08 0.00	27.50 0.88 0.00	26.20 0.82 0.00	25.24 0.80 0.00	28.01 0.95 0.00	35.07 1.22 0.00	45.61 2.01 0.00	38.11 1.94 0.00	30.30 1.53 0.00	27.62 1.32 0.00	30.89 1.59 0.00	31.34 1.70 0.00	28.85 1.54 0.00	30.91 1.41 0.00	32.35 1.52 0.00	39.13 1.99 0.00	48.16 2.86 0.00	44.18 3.02 0.00	41.72 2.84 0.00	37.63 2.57 0.00	39.80 2.34 0.00	40.31 1.92 0.00	39.82 1.72 0.00	39.95 1.56 0.00
INDIAN POINT_GT_2 23659	32.47 1.08 0.00	27.50 0.88 0.00	26.20 0.82 0.00	25.24 0.80 0.00	28.01 0.95 0.00	35.07 1.22 0.00	45.61 2.01 0.00	38.11 1.94 0.00	30.30 1.53 0.00	27.62 1.32 0.00	30.89 1.59 0.00	31.34 1.70 0.00	28.85 1.54 0.00	30.91 1.41 0.00	32.35 1.52 0.00	39.13 1.99 0.00	48.16 2.86 0.00	44.18 3.02 0.00	41.72 2.84 0.00	37.63 2.57 0.00	39.80 2.34 0.00	40.31 1.92 0.00	39.82 1.72 0.00	39.95 1.56 0.00
INDIAN POINT_GT_3 24019	32.47 1.08 0.00	27.50 0.88 0.00	26.20 0.82 0.00	25.24 0.80 0.00	28.01 0.95 0.00	35.07 1.22 0.00	45.61 2.01 0.00	38.11 1.94 0.00	30.30 1.53 0.00	27.62 1.32 0.00	30.89 1.59 0.00	31.34 1.70 0.00	28.85 1.54 0.00	30.91 1.41 0.00	32.35 1.52 0.00	39.13 1.99 0.00	48.16 2.86 0.00	44.18 3.02 0.00	41.72 2.84 0.00	37.63 2.57 0.00	39.80 2.34 0.00	40.31 1.92 0.00	39.82 1.72 0.00	39.95 1.56 0.00
INDIAN POINT___2 23530	32.43 1.04 0.00	27.47 0.85 0.00	26.18 0.79 0.00	25.22 0.78 0.00	27.98 0.93 0.00	35.04 1.19 0.00	45.57 1.97 0.00	38.06 1.89 0.00	30.25 1.49 0.00	27.57 1.26 0.00	30.83 1.53 0.00	31.29 1.64 0.00	28.81 1.50 0.00	30.86 1.36 0.00	32.28 1.46 0.00	39.06 1.91 0.00	48.09 2.79 0.00	44.11 2.95 0.00	41.65 2.77 0.00	37.55 2.50 0.00	39.73 2.27 0.00	40.24 1.85 0.00	39.74 1.64 0.00	39.90 1.50 0.00
INDIAN POINT___3 23531	32.45 1.05 0.00	27.48 0.87 0.00	26.19 0.80 0.00	25.23 0.79 0.00	28.00 0.94 0.00	35.05 1.20 0.00	45.57 1.97 0.00	38.08 1.91 0.00	30.26 1.49 0.00	27.58 1.27 0.00	30.85 1.56 0.00	31.31 1.66 0.00	28.83 1.52 0.00	30.88 1.38 0.00	32.32 1.49 0.00	39.09 1.95 0.00	48.11 2.82 0.00	44.12 2.96 0.00	41.67 2.80 0.00	37.59 2.53 0.00	39.76 2.30 0.00	40.27 1.88 0.00	39.78 1.68 0.00	39.92 1.52 0.00
INGHAM_C_115KV_TB7 356103	31.28 -0.12 0.00	26.47 -0.14 0.00	25.21 -0.17 0.00	24.30 -0.15 0.00	27.04 -0.01 0.00	33.91 0.06 0.00	44.12 0.52 0.00	36.99 0.82 0.00	29.27 0.50 0.00	26.51 0.21 0.00	29.61 0.32 0.00	29.88 0.23 0.00	27.34 0.03 0.00	29.43 -0.08 0.00	31.09 0.27 0.00	37.90 0.76 0.00	46.85 1.55 0.00	43.04 1.88 0.00	40.60 1.72 0.00	36.65 1.59 0.00	38.77 1.31 0.00	39.27 0.88 0.00	38.74 0.64 0.00	38.84 0.44 0.00
IP CORINTH___1 23988	32.94 1.54 0.00	27.86 1.24 0.00	26.55 1.16 0.00	25.64 1.19 0.00	28.45 1.39 0.00	35.69 1.84 0.00	46.29 2.69 0.00	38.66 2.49 0.00	30.75 1.99 0.00	28.11 1.81 0.00	31.38 2.09 0.00	31.76 2.12 0.00	29.01 1.70 0.00	31.03 1.53 0.00	32.32 1.50 0.00	39.10 1.96 0.00	48.04 2.74 0.00	43.84 2.68 0.00	41.34 2.46 0.00	37.22 2.16 0.00	39.35 1.89 0.00	40.07 1.68 0.00	39.68 1.58 0.00	39.82 1.42 0.00
IP___TICONDEROGA 23804	33.98 2.58 0.00	28.71 2.09 0.00	27.33 1.95 0.00	26.59 2.15 0.00	29.53 2.47 0.00	37.06 3.21 0.00	48.17 4.57 0.00	40.26 4.09 0.00	31.91 3.15 0.00	29.02 2.72 0.00	32.34 3.04 0.00	32.78 3.13 0.00	29.96 2.66 0.00	32.58 3.08 0.00	34.06 3.23 0.00	41.23 4.09 0.00	50.91 5.62 0.00	46.58 5.42 0.00	43.86 4.99 0.00	39.36 4.30 0.00	41.20 3.74 0.00	41.94 3.55 0.00	41.59 3.49 0.00	41.81 3.42 0.00
ISLIP_RES_REC 323679	33.80 2.40 0.00	28.56 1.95 0.00	27.10 1.72 0.00	26.18 1.73 0.00	29.04 1.98 0.00	36.35 2.50 0.00	47.48 3.88 0.00	39.68 3.51 0.00	31.35 2.59 0.00	28.40 2.09 0.00	31.80 2.51 0.00	32.25 2.61 0.00	29.69 2.39 0.00	31.91 2.40 0.00	33.46 2.64 0.00	40.71 3.57 0.00	81.97 4.96 -31.71	95.24 4.95 -49.12	43.38 4.51 0.00	39.78 4.08 -0.64	41.37 3.91 0.00	41.75 3.36 0.00	41.25 3.15 0.00	41.44 3.04 0.00

JAMAICA__27_KV_LOAD 355505	32.83 1.44 0.00	27.78 1.17 0.00	26.54 1.15 0.00	25.53 1.08 0.00	28.27 1.21 0.00	35.51 1.66 0.00	46.32 2.73 0.00	38.79 2.61 0.00	30.82 2.05 0.00	28.12 1.82 0.00	31.42 2.13 0.00	31.90 2.26 0.00	29.39 2.09 0.00	31.47 1.97 0.00	32.93 2.11 0.00	39.77 2.63 0.00	48.97 3.66 0.00	44.96 3.80 0.00	42.45 3.58 0.00	38.34 3.28 0.00	40.47 3.01 0.00	40.98 2.58 0.00	40.32 2.22 0.00	40.46 2.06 0.00
JANIS__SOLAR 323808	32.69 1.30 0.00	27.66 1.04 0.00	26.23 0.84 0.00	25.21 0.77 0.00	27.88 0.83 0.00	35.10 1.25 0.00	45.55 1.95 0.00	39.09 1.91 -1.02	30.27 1.51 0.00	27.64 1.34 0.00	30.53 1.24 0.00	30.75 1.11 0.00	28.17 0.86 0.00	32.38 0.82 -2.05	31.81 0.99 0.00	38.76 1.62 0.00	48.43 3.12 0.00	46.17 3.22 -1.79	42.89 2.90 -1.12	37.91 2.49 -0.36	40.50 2.44 -0.60	40.55 2.06 -0.09	40.08 1.99 0.00	40.48 1.95 -0.13
JARVIS____ 23743	31.41 0.01 0.00	26.61 0.00 0.00	25.36 -0.03 0.00	24.44 0.00 0.00	27.06 0.00 0.00	33.89 0.04 0.00	43.73 0.12 0.00	36.37 0.20 0.00	28.92 0.16 0.00	26.41 0.11 0.00	29.43 0.14 0.00	29.80 0.15 0.00	27.42 0.11 0.00	29.59 0.09 0.00	30.98 0.15 0.00	37.40 0.26 0.00	45.75 0.45 0.00	41.70 0.53 0.00	39.36 0.48 0.00	35.51 0.45 0.00	37.83 0.37 0.00	38.65 0.26 0.00	38.30 0.20 0.00	38.56 0.16 0.00
JENNISON____1 23625	32.49 1.09 0.00	27.51 0.89 0.00	26.08 0.69 0.00	24.92 0.48 0.00	27.53 0.47 0.00	34.67 0.81 0.00	45.17 1.57 0.00	38.69 1.81 -0.71	30.22 1.46 0.00	27.67 1.36 0.00	30.81 1.52 0.00	31.18 1.54 0.00	28.61 1.30 0.00	30.80 1.30 0.00	32.35 1.53 0.00	39.35 2.21 0.00	48.78 3.48 0.00	44.52 3.36 0.00	41.91 3.04 0.00	37.70 2.64 0.00	40.02 2.56 0.00	40.63 2.24 0.00	40.26 2.16 0.00	40.51 2.11 0.00
JENNISON____2 23626	32.49 1.09 0.00	27.51 0.89 0.00	26.08 0.69 0.00	24.92 0.48 0.00	27.53 0.47 0.00	34.67 0.81 0.00	45.17 1.57 0.00	38.69 1.81 -0.71	30.22 1.46 0.00	27.67 1.36 0.00	30.81 1.52 0.00	31.18 1.54 0.00	28.61 1.30 0.00	30.80 1.30 0.00	32.35 1.53 0.00	39.35 2.21 0.00	48.78 3.48 0.00	44.52 3.36 0.00	41.91 3.04 0.00	37.70 2.64 0.00	40.02 2.56 0.00	40.63 2.24 0.00	40.26 2.16 0.00	40.51 2.11 0.00
JERICOHO_RISE_WT_PWR 323719	32.36 0.96 0.00	27.41 0.79 0.00	26.10 0.71 0.00	25.11 0.66 0.00	27.86 0.80 0.00	34.87 1.02 0.00	44.92 1.32 0.00	37.09 0.91 0.00	29.49 0.73 0.00	26.96 0.65 0.00	29.91 0.62 0.00	30.24 0.59 0.00	27.93 0.62 0.00	30.35 0.85 0.00	31.53 0.70 0.00	37.85 0.71 0.00	45.76 0.46 0.00	41.06 -0.11 0.00	38.93 0.05 0.00	35.05 -0.01 0.00	37.74 0.28 0.00	39.21 0.82 0.00	39.00 0.90 0.00	39.43 1.03 0.00
KATONAH__115KV_46KV_TB4 355592	32.73 1.34 0.00	27.72 1.11 0.00	26.41 1.03 0.00	25.45 1.00 0.00	28.23 1.17 0.00	35.35 1.50 0.00	45.96 2.37 0.00	38.43 2.25 0.00	30.55 1.79 0.00	27.86 1.56 0.00	31.16 1.87 0.00	31.61 1.96 0.00	29.10 1.80 0.00	31.21 1.71 0.00	32.67 1.84 0.00	39.52 2.38 0.00	48.63 3.33 0.00	44.63 3.47 0.00	42.16 3.28 0.00	38.04 2.98 0.00	40.22 2.75 0.00	40.74 2.35 0.00	40.23 2.13 0.00	40.36 1.96 0.00
KCE_NY_1 323755	32.70 1.31 0.00	27.67 1.06 0.00	26.37 0.98 0.00	25.43 0.99 0.00	28.22 1.16 0.00	35.37 1.52 0.00	45.80 2.20 0.00	38.25 2.08 0.00	30.41 1.65 0.00	27.80 1.50 0.00	31.07 1.78 0.00	31.27 1.62 0.00	28.67 1.36 0.00	30.85 1.34 0.00	32.37 1.54 0.00	39.19 2.05 0.00	48.15 2.85 0.00	43.96 2.80 0.00	41.44 2.56 0.00	37.34 2.28 0.00	39.66 2.20 0.00	40.39 2.00 0.00	39.96 1.86 0.00	40.11 1.71 0.00
KCE_NY_6_ESR 323823	30.48 -0.91 0.00	25.84 -0.78 0.00	24.37 -1.01 0.00	23.44 -1.00 0.00	25.72 -1.33 0.00	32.26 -1.59 0.00	40.80 -2.80 0.00	32.55 -2.99 0.63	26.61 -2.16 0.00	24.88 -1.42 0.00	27.84 -1.45 0.00	28.37 -1.28 0.00	26.08 -1.23 0.00	19.15 -1.31 9.05	29.33 -1.49 0.00	35.09 -2.06 0.00	43.60 -1.69 0.00	33.16 -0.84 7.17	33.11 -1.29 4.48	32.20 -1.43 1.43	33.42 -1.63 2.41	35.43 -2.58 0.38	35.98 -2.12 0.00	36.33 -1.53 0.54
KEDC PORT_JEFF_GT2 24210	33.61 2.22 0.00	28.42 1.81 0.00	26.97 1.59 0.00	26.05 1.61 0.00	28.88 1.82 0.00	36.14 2.29 0.00	47.17 3.57 0.00	39.31 3.14 0.00	31.15 2.39 0.00	28.22 1.92 0.00	31.62 2.33 0.00	32.07 2.43 0.00	29.55 2.24 0.00	31.75 2.24 0.00	33.27 2.45 0.00	40.46 3.32 0.00	81.62 4.61 -31.71	94.84 4.55 -49.12	43.03 4.15 0.00	39.51 3.82 -0.64	41.11 3.65 0.00	41.50 3.11 0.00	41.03 2.93 0.00	41.23 2.84 0.00
KEDC PORT_JEFF_GT3 24211	33.61 2.22 0.00	28.42 1.81 0.00	26.97 1.59 0.00	26.05 1.61 0.00	28.88 1.82 0.00	36.14 2.29 0.00	47.17 3.57 0.00	39.31 3.14 0.00	31.15 2.39 0.00	28.22 1.92 0.00	31.62 2.33 0.00	32.07 2.43 0.00	29.55 2.24 0.00	31.75 2.24 0.00	33.27 2.45 0.00	40.46 3.32 0.00	81.62 4.61 -31.71	94.84 4.55 -49.12	43.03 4.15 0.00	39.51 3.82 -0.64	41.11 3.65 0.00	41.50 3.11 0.00	41.03 2.93 0.00	41.23 2.84 0.00
KEDC_GLWD_GT4 24219	33.24 1.84 0.00	28.12 1.51 0.00	26.72 1.34 0.00	25.77 1.33 0.00	28.60 1.55 0.00	35.79 1.93 0.00	46.46 2.86 0.00	38.87 2.70 0.00	30.97 2.21 0.00	28.20 1.89 0.00	31.62 2.32 0.00	32.06 2.42 0.00	29.53 2.22 0.00	31.68 2.18 0.00	33.15 2.33 0.00	40.14 3.00 0.00	81.14 4.14 -31.71	94.42 4.13 -49.12	42.68 3.80 0.00	39.13 3.44 -0.64	40.72 3.27 0.00	41.28 2.89 0.00	40.78 2.68 0.00	40.90 2.50 0.00
KEDC_GLWD_GT5 24220	33.24 1.84 0.00	28.12 1.51 0.00	26.72 1.34 0.00	25.77 1.33 0.00	28.60 1.55 0.00	35.79 1.93 0.00	46.46 2.86 0.00	38.87 2.70 0.00	30.97 2.21 0.00	28.20 1.89 0.00	31.62 2.32 0.00	32.06 2.42 0.00	29.53 2.22 0.00	31.68 2.18 0.00	33.15 2.33 0.00	40.14 3.00 0.00	81.14 4.14 -31.71	94.42 4.13 -49.12	42.68 3.80 0.00	39.13 3.44 -0.64	40.72 3.27 0.00	41.28 2.89 0.00	40.78 2.68 0.00	40.90 2.50 0.00
KENSICO____ 23655	32.55 1.16 0.00	27.56 0.95 0.00	26.27 0.89 0.00	25.31 0.87 0.00	28.08 1.02 0.00	35.16 1.31 0.00	45.71 2.11 0.00	38.22 2.04 0.00	30.38 1.61 0.00	27.71 1.40 0.00	30.98 1.69 0.00	31.44 1.79 0.00	28.95 1.64 0.00	31.03 1.53 0.00	32.47 1.65 0.00	39.27 2.13 0.00	48.32 3.02 0.00	44.32 3.16 0.00	41.86 2.98 0.00	37.76 2.70 0.00	39.92 2.46 0.00	40.44 2.05 0.00	39.93 1.83 0.00	40.07 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.01 1.61 0.00	27.95 1.34 0.00	26.63 1.24 0.00	25.64 1.19 0.00	28.44 1.39 0.00	35.63 1.78 0.00	46.35 2.76 0.00	38.75 2.58 0.00	30.77 2.01 0.00	27.95 1.65 0.00	31.14 1.85 0.00	31.51 1.87 0.00	28.99 1.68 0.00	31.10 1.60 0.00	32.66 1.84 0.00	39.67 2.53 0.00	49.06 3.76 0.00	45.06 3.90 0.00	42.57 3.69 0.00	38.42 3.36 0.00	40.64 3.18 0.00	41.16 2.77 0.00	40.62 2.52 0.00	40.73 2.34 0.00

KIAC_JFK_GT1 23816	32.72 1.32 0.00	27.69 1.08 0.00	26.45 1.06 0.00	25.45 1.01 0.00	28.19 1.13 0.00	35.37 1.52 0.00	46.15 2.55 0.00	38.63 2.46 0.00	30.70 1.94 0.00	28.02 1.72 0.00	31.31 2.02 0.00	31.79 2.15 0.00	29.29 1.98 0.00	31.36 1.86 0.00	32.81 1.98 0.00	39.63 2.48 0.00	48.78 3.47 0.00	44.77 3.60 0.00	42.29 3.41 0.00	38.17 3.11 0.00	40.30 2.84 0.00	40.81 2.42 0.00	40.17 2.07 0.00	40.30 1.90 0.00
KIAC_JFK_GT2 23817	32.72 1.32 0.00	27.69 1.08 0.00	26.45 1.06 0.00	25.45 1.01 0.00	28.19 1.13 0.00	35.37 1.52 0.00	46.15 2.55 0.00	38.63 2.46 0.00	30.70 1.94 0.00	28.02 1.72 0.00	31.31 2.02 0.00	31.79 2.15 0.00	29.29 1.98 0.00	31.36 1.86 0.00	32.81 1.98 0.00	39.63 2.48 0.00	48.78 3.47 0.00	44.77 3.60 0.00	42.29 3.41 0.00	38.17 3.11 0.00	40.30 2.84 0.00	40.81 2.42 0.00	40.17 2.07 0.00	40.30 1.90 0.00
KIAC_JFK____ 323774	32.72 1.32 0.00	27.69 1.08 0.00	26.45 1.06 0.00	25.45 1.01 0.00	28.19 1.13 0.00	35.37 1.52 0.00	46.15 2.55 0.00	38.62 2.45 0.00	30.70 1.94 0.00	28.02 1.72 0.00	31.31 2.02 0.00	31.79 2.15 0.00	29.29 1.98 0.00	31.36 1.86 0.00	32.81 1.98 0.00	39.63 2.48 0.00	48.77 3.48 0.00	44.76 3.60 0.00	42.29 3.41 0.00	38.17 3.11 0.00	40.30 2.84 0.00	40.81 2.42 0.00	40.17 2.07 0.00	40.30 1.90 0.00
KINTIGH____ 23543	29.63 -1.77 0.00	25.15 -1.47 0.00	23.77 -1.62 0.00	22.87 -1.58 0.00	25.10 -1.96 0.00	31.46 -2.39 0.00	39.86 -3.74 0.00	31.74 -3.60 0.83	26.10 -2.66 0.00	24.36 -1.94 0.00	27.21 -2.08 0.00	27.71 -1.93 0.00	25.49 -1.82 0.00	27.50 -2.00 0.00	28.62 -2.20 0.00	34.26 -2.88 0.00	42.42 -2.88 0.00	39.16 -2.00 0.00	36.57 -2.31 0.00	32.79 -2.27 0.00	34.94 -2.52 0.00	35.06 -3.34 0.00	35.19 -2.91 0.00	36.01 -2.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.95 1.55 0.00	27.90 1.28 0.00	26.54 1.16 0.00	25.59 1.14 0.00	28.38 1.32 0.00	35.55 1.70 0.00	45.94 2.34 0.00	38.00 1.83 0.00	30.19 1.43 0.00	27.55 1.25 0.00	30.58 1.29 0.00	30.98 1.33 0.00	28.58 1.27 0.00	31.03 1.52 0.00	32.25 1.43 0.00	38.79 1.64 0.00	47.04 1.74 0.00	42.32 1.16 0.00	40.08 1.21 0.00	36.07 1.01 0.00	38.72 1.26 0.00	40.14 1.75 0.00	39.89 1.79 0.00	40.29 1.89 0.00
LACHUTE____HYDRO 323717	33.98 2.58 0.00	28.71 2.09 0.00	27.33 1.95 0.00	26.59 2.15 0.00	29.52 2.47 0.00	37.07 3.22 0.00	48.17 4.57 0.00	40.26 4.08 0.00	31.91 3.15 0.00	29.02 2.72 0.00	32.34 3.04 0.00	32.77 3.13 0.00	29.96 2.65 0.00	32.58 3.08 0.00	34.06 3.23 0.00	41.24 4.09 0.00	50.91 5.61 0.00	46.59 5.42 0.00	43.86 4.99 0.00	39.35 4.29 0.00	41.20 3.74 0.00	41.94 3.55 0.00	41.59 3.49 0.00	41.81 3.42 0.00
LAWRNCV_115KV_TB1 80681	31.66 0.27 0.00	26.83 0.21 0.00	25.59 0.21 0.00	24.61 0.16 0.00	27.24 0.18 0.00	34.14 0.29 0.00	44.02 0.42 0.00	36.28 0.11 0.00	28.87 0.10 0.00	26.22 -0.09 0.00	28.99 -0.30 0.00	29.26 -0.38 0.00	27.08 -0.23 0.00	29.43 -0.07 0.00	30.57 -0.25 0.00	36.76 -0.38 0.00	44.43 -0.87 0.00	39.14 -2.02 0.00	37.76 -1.12 0.00	34.04 -1.02 0.00	36.76 -0.70 0.00	38.40 0.01 0.00	37.98 -0.12 0.00	38.41 0.02 0.00
LEDERLE____ 23769	32.56 1.17 0.00	27.57 0.96 0.00	26.27 0.89 0.00	25.31 0.87 0.00	28.09 1.03 0.00	35.19 1.34 0.00	45.76 2.17 0.00	38.24 2.07 0.00	30.37 1.61 0.00	27.67 1.37 0.00	30.94 1.65 0.00	31.41 1.77 0.00	28.93 1.62 0.00	30.97 1.47 0.00	32.40 1.57 0.00	39.20 2.06 0.00	48.28 2.99 0.00	44.30 3.13 0.00	41.83 2.95 0.00	37.72 2.66 0.00	39.90 2.44 0.00	40.42 2.03 0.00	39.90 1.80 0.00	40.05 1.65 0.00
LIGHTHSE_115KV_TB6 355974	30.58 -0.82 0.00	25.86 -0.75 0.00	24.57 -0.82 0.00	23.62 -0.83 0.00	26.14 -0.92 0.00	32.88 -0.97 0.00	42.63 -0.97 0.00	35.60 -0.84 -0.27	28.14 -0.63 0.00	25.66 -0.64 0.00	28.47 -0.82 0.00	28.81 -0.83 0.00	26.54 -0.77 0.00	28.58 -0.92 0.00	29.91 -0.91 0.00	36.26 -0.88 0.00	44.73 -0.57 0.00	40.81 -0.36 0.00	38.51 -0.37 0.00	34.72 -0.34 0.00	37.04 -0.42 0.00	37.79 -0.61 0.00	37.45 -0.66 0.00	37.70 -0.70 0.00
LINDEN COGEN____ 23786	32.46 1.07 0.00	27.47 0.86 0.00	26.19 0.81 0.00	25.23 0.78 0.00	28.00 0.94 0.00	35.10 1.25 0.00	45.66 2.07 0.00	38.20 2.03 0.00	30.38 1.62 0.00	27.70 1.40 0.00	30.97 1.68 0.00	31.46 1.81 0.00	28.97 1.66 0.00	31.01 1.51 0.00	31.36 1.59 1.05	38.91 2.05 0.28	48.07 2.92 0.14	44.25 3.09 0.00	41.80 2.92 0.00	37.69 2.63 0.00	39.84 2.38 0.00	40.34 1.94 0.00	39.80 1.70 0.00	39.91 1.52 0.00
LINDHRST_69_KV_BK1 356055	33.61 2.22 0.00	28.42 1.81 0.00	26.97 1.58 0.00	26.03 1.59 0.00	28.87 1.81 0.00	36.13 2.27 0.00	47.13 3.53 0.00	39.43 3.26 0.00	31.24 2.48 0.00	28.37 2.07 0.00	31.82 2.53 0.00	32.24 2.60 0.00	29.69 2.38 0.00	31.88 2.38 0.00	33.39 2.57 0.00	40.51 3.37 0.00	81.67 4.66 -31.71	95.03 4.74 -49.12	43.26 4.38 0.00	39.70 4.00 -0.64	41.31 3.85 0.00	41.70 3.31 0.00	41.22 3.12 0.00	41.36 2.96 0.00
LIPA_MISC_IPP 23656	33.59 2.19 0.00	28.40 1.79 0.00	26.95 1.56 0.00	26.03 1.59 0.00	28.87 1.81 0.00	36.12 2.27 0.00	47.17 3.57 0.00	39.41 3.24 0.00	31.05 2.29 0.00	28.08 1.77 0.00	31.42 2.13 0.00	31.88 2.23 0.00	29.36 2.05 0.00	31.55 2.04 0.00	33.09 2.27 0.00	40.29 3.15 0.00	81.38 4.37 -31.71	94.61 4.33 -49.12	42.80 3.92 0.00	39.25 3.56 -0.64	40.83 3.36 0.00	41.25 2.86 0.00	40.78 2.68 0.00	41.03 2.63 0.00
LISF____SOLAR 323691	33.65 2.25 0.00	28.45 1.84 0.00	26.99 1.61 0.00	26.07 1.63 0.00	28.92 1.86 0.00	36.19 2.34 0.00	47.26 3.66 0.00	39.50 3.33 0.00	31.10 2.33 0.00	28.10 1.80 0.00	31.43 2.14 0.00	31.89 2.24 0.00	29.36 2.05 0.00	31.56 2.06 0.00	33.12 2.30 0.00	40.36 3.21 0.00	81.47 4.47 -31.71	94.71 4.42 -49.12	42.89 4.01 0.00	39.33 3.63 -0.64	40.90 3.44 0.00	41.33 2.94 0.00	40.86 2.76 0.00	41.10 2.70 0.00
LITTLE FALLS____HYD 24013	31.28 -0.12 0.00	26.47 -0.14 0.00	25.21 -0.17 0.00	24.30 -0.15 0.00	27.04 -0.01 0.00	33.91 0.06 0.00	44.12 0.52 0.00	36.99 0.82 0.00	29.27 0.50 0.00	26.51 0.21 0.00	29.61 0.32 0.00	29.88 0.23 0.00	27.34 0.03 0.00	29.43 -0.08 0.00	31.09 0.27 0.00	37.90 0.76 0.00	46.85 1.55 0.00	43.04 1.88 0.00	40.60 1.72 0.00	36.65 1.59 0.00	38.77 1.31 0.00	39.27 0.88 0.00	38.74 0.64 0.00	38.84 0.44 0.00
LITTLRIV_115KV_TB1 356100	32.13 0.73 0.00	27.21 0.59 0.00	25.97 0.58 0.00	24.97 0.53 0.00	27.66 0.60 0.00	34.69 0.84 0.00	44.81 1.21 0.00	36.96 0.79 0.00	29.38 0.62 0.00	26.64 0.33 0.00	29.38 0.09 0.00	29.65 0.00 0.00	27.46 0.15 0.00	29.86 0.35 0.00	31.05 0.23 0.00	37.38 0.24 0.00	45.25 -0.05 0.00	39.86 -1.30 0.00	38.39 -0.49 0.00	34.60 -0.46 0.00	37.38 -0.08 0.00	39.02 0.64 0.00	38.61 0.51 0.00	39.05 0.65 0.00

LI_NEWBRDGE___DRP 323616	32.96 1.56 0.00	27.88 1.27 0.00	26.51 1.12 0.00	25.57 1.12 0.00	28.36 1.31 0.00	35.48 1.63 0.00	46.20 2.60 0.00	38.62 2.45 0.00	30.66 1.90 0.00	27.91 1.60 0.00	31.30 2.01 0.00	31.75 2.10 0.00	29.25 1.94 0.00	31.37 1.87 0.00	32.82 2.00 0.00	39.74 2.59 0.00	80.63 3.62 -31.71	94.02 3.74 -49.12	42.35 3.47 0.00	38.85 3.15 -0.64	40.41 2.95 0.00	40.85 2.46 0.00	40.36 2.27 0.00	40.52 2.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.75 -1.65 0.00	25.22 -1.40 0.00	23.79 -1.59 0.00	22.88 -1.57 0.00	25.05 -2.01 0.00	31.46 -2.39 0.00	39.72 -3.88 0.00	31.46 -3.93 0.79	25.93 -2.83 0.00	24.32 -1.99 0.00	27.13 -2.16 0.00	27.63 -2.01 0.00	25.42 -1.89 0.00	27.47 -2.03 0.00	28.54 -2.28 0.00	34.09 -3.05 0.00	42.35 -2.95 0.00	39.29 -1.87 0.00	36.62 -2.26 0.00	32.79 -2.27 0.00	34.93 -2.53 0.00	34.86 -3.53 0.00	35.06 -3.04 0.00	36.05 -2.35 0.00
LOCKPORT___CC1 323769	29.73 -1.67 0.00	25.21 -1.40 0.00	23.78 -1.60 0.00	22.86 -1.59 0.00	25.04 -2.02 0.00	31.45 -2.40 0.00	39.68 -3.92 0.00	31.43 -3.97 0.78	25.89 -2.87 0.00	24.28 -2.02 0.00	27.10 -2.19 0.00	27.61 -2.03 0.00	25.41 -1.91 0.00	20.28 -2.06 7.16	28.52 -2.30 0.00	34.06 -3.08 0.00	42.30 -3.00 0.00	33.51 -1.89 5.77	32.99 -2.28 3.60	31.60 -2.30 1.15	32.95 -2.57 1.94	34.51 -3.57 0.31	35.01 -3.09 0.00	35.58 -2.39 0.43
LOCKPORT___CC2 323770	29.73 -1.67 0.00	25.21 -1.40 0.00	23.78 -1.60 0.00	22.86 -1.59 0.00	25.04 -2.02 0.00	31.45 -2.40 0.00	39.68 -3.92 0.00	31.43 -3.97 0.78	25.89 -2.87 0.00	24.28 -2.02 0.00	27.10 -2.19 0.00	27.61 -2.03 0.00	25.41 -1.91 0.00	20.28 -2.06 7.16	28.52 -2.30 0.00	34.06 -3.08 0.00	42.30 -3.00 0.00	33.51 -1.89 5.77	32.99 -2.28 3.60	31.60 -2.30 1.15	32.95 -2.57 1.94	34.51 -3.57 0.31	35.01 -3.09 0.00	35.58 -2.39 0.43
LOCKPORT___CC3 323771	29.73 -1.67 0.00	25.21 -1.40 0.00	23.78 -1.60 0.00	22.86 -1.59 0.00	25.04 -2.02 0.00	31.45 -2.40 0.00	39.68 -3.92 0.00	31.43 -3.97 0.78	25.89 -2.87 0.00	24.28 -2.02 0.00	27.10 -2.19 0.00	27.61 -2.03 0.00	25.41 -1.91 0.00	20.28 -2.06 7.16	28.52 -2.30 0.00	34.06 -3.08 0.00	42.30 -3.00 0.00	33.51 -1.89 5.77	32.99 -2.28 3.60	31.60 -2.30 1.15	32.95 -2.57 1.94	34.51 -3.57 0.31	35.01 -3.09 0.00	35.58 -2.39 0.43
LONG_LAKE_PHOENIX 24014	30.53 -0.86 0.00	25.89 -0.72 0.00	24.64 -0.75 0.00	23.73 -0.71 0.00	26.23 -0.82 0.00	32.85 -1.00 0.00	42.30 -1.30 0.00	35.45 -1.06 -0.34	27.94 -0.83 0.00	25.59 -0.71 0.00	28.48 -0.81 0.00	28.82 -0.82 0.00	26.50 -0.81 0.00	28.57 -0.94 0.00	29.89 -0.93 0.00	36.13 -1.01 0.00	44.42 -0.88 0.00	40.59 -0.58 0.00	38.24 -0.64 0.00	34.47 -0.59 0.00	36.69 -0.77 0.00	37.35 -1.04 0.00	37.04 -1.06 0.00	37.30 -1.10 0.00
LOVETT___3 23632	32.41 1.02 0.00	27.45 0.83 0.00	26.16 0.77 0.00	25.20 0.75 0.00	27.97 0.91 0.00	35.02 1.17 0.00	45.53 1.93 0.00	38.04 1.87 0.00	30.22 1.45 0.00	27.53 1.23 0.00	30.79 1.50 0.00	31.25 1.61 0.00	28.78 1.47 0.00	30.81 1.31 0.00	32.23 1.41 0.00	39.00 1.85 0.00	48.02 2.72 0.00	44.06 2.89 0.00	41.60 2.73 0.00	37.52 2.46 0.00	39.69 2.23 0.00	40.19 1.81 0.00	39.70 1.60 0.00	39.86 1.46 0.00
LOVETT___4 23642	32.41 1.02 0.00	27.45 0.83 0.00	26.16 0.77 0.00	25.20 0.75 0.00	27.97 0.91 0.00	35.02 1.17 0.00	45.53 1.93 0.00	38.04 1.87 0.00	30.22 1.45 0.00	27.53 1.23 0.00	30.79 1.50 0.00	31.25 1.61 0.00	28.78 1.47 0.00	30.81 1.31 0.00	32.23 1.41 0.00	39.00 1.85 0.00	48.02 2.72 0.00	44.06 2.89 0.00	41.60 2.73 0.00	37.52 2.46 0.00	39.69 2.23 0.00	40.19 1.81 0.00	39.70 1.60 0.00	39.86 1.46 0.00
LOVETT___5 23593	32.41 1.02 0.00	27.45 0.83 0.00	26.16 0.77 0.00	25.20 0.75 0.00	27.97 0.91 0.00	35.02 1.17 0.00	45.53 1.93 0.00	38.04 1.87 0.00	30.22 1.45 0.00	27.53 1.23 0.00	30.79 1.50 0.00	31.25 1.61 0.00	28.78 1.47 0.00	30.81 1.31 0.00	32.23 1.41 0.00	39.00 1.85 0.00	48.02 2.72 0.00	44.06 2.89 0.00	41.60 2.73 0.00	37.52 2.46 0.00	39.69 2.23 0.00	40.19 1.81 0.00	39.70 1.60 0.00	39.86 1.46 0.00
LOWER RAQUET___HYD 24057	31.51 0.12 0.00	26.70 0.08 0.00	25.46 0.07 0.00	24.48 0.04 0.00	27.11 0.05 0.00	33.98 0.13 0.00	43.86 0.26 0.00	36.16 -0.01 0.00	28.76 0.00 0.00	26.11 -0.19 0.00	28.87 -0.43 0.00	29.13 -0.51 0.00	26.97 -0.34 0.00	29.30 -0.21 0.00	30.45 -0.37 0.00	36.62 -0.52 0.00	44.29 -1.01 0.00	39.04 -2.13 0.00	37.63 -1.24 0.00	33.93 -1.13 0.00	36.64 -0.82 0.00	38.28 -0.11 0.00	37.87 -0.23 0.00	38.28 -0.11 0.00
LOWER___HUDSON 24059	32.19 0.79 0.00	27.27 0.65 0.00	26.00 0.61 0.00	25.06 0.62 0.00	27.80 0.74 0.00	34.78 0.93 0.00	44.95 1.35 0.00	37.46 1.29 0.00	29.75 0.99 0.00	27.17 0.86 0.00	30.38 1.09 0.00	30.70 1.06 0.00	28.24 0.93 0.00	30.46 0.95 0.00	32.01 1.19 0.00	38.68 1.54 0.00	47.32 2.02 0.00	43.29 2.12 0.00	40.82 1.94 0.00	36.82 1.76 0.00	39.08 1.62 0.00	39.86 1.47 0.00	39.47 1.37 0.00	39.66 1.27 0.00
LOWVILLE_115KV_TB2 356335	31.53 0.13 0.00	26.56 -0.06 0.00	25.10 -0.29 0.00	24.16 -0.29 0.00	26.78 -0.27 0.00	33.89 0.04 0.00	44.24 0.64 0.00	36.62 0.44 0.00	29.22 0.46 0.00	26.53 0.23 0.00	29.33 0.04 0.00	29.66 0.02 0.00	27.38 0.07 0.00	29.54 0.04 0.00	30.90 0.08 0.00	37.60 0.46 0.00	46.34 1.04 0.00	42.00 0.84 0.00	39.81 0.93 0.00	35.93 0.87 0.00	38.52 1.06 0.00	39.50 1.11 0.00	39.10 1.00 0.00	39.36 0.96 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.70 1.31 0.00	27.68 1.07 0.00	26.38 0.99 0.00	25.43 0.99 0.00	28.22 1.17 0.00	35.37 1.52 0.00	45.77 2.17 0.00	38.19 2.02 0.00	30.40 1.64 0.00	27.81 1.50 0.00	31.05 1.76 0.00	31.28 1.64 0.00	28.70 1.39 0.00	30.84 1.34 0.00	32.35 1.53 0.00	39.15 2.01 0.00	48.07 2.77 0.00	43.92 2.76 0.00	41.41 2.54 0.00	37.32 2.26 0.00	39.58 2.12 0.00	40.33 1.94 0.00	39.92 1.82 0.00	40.09 1.69 0.00
LUTHERNY_35_KV_BK2 355980	32.70 1.31 0.00	27.67 1.06 0.00	26.37 0.98 0.00	25.43 0.98 0.00	28.22 1.16 0.00	35.37 1.52 0.00	45.80 2.20 0.00	38.25 2.08 0.00	30.41 1.65 0.00	27.80 1.50 0.00	31.07 1.78 0.00	31.27 1.62 0.00	28.67 1.36 0.00	30.85 1.34 0.00	32.37 1.54 0.00	39.19 2.05 0.00	48.15 2.85 0.00	43.96 2.80 0.00	41.44 2.56 0.00	37.35 2.28 0.00	39.65 2.20 0.00	40.39 2.00 0.00	39.96 1.86 0.00	40.11 1.71 0.00
LWR___OSWEGATCHIE_HYD 23850	31.16 -0.23 0.00	26.32 -0.29 0.00	25.01 -0.38 0.00	24.03 -0.41 0.00	26.64 -0.42 0.00	33.56 -0.28 0.00	43.59 -0.01 0.00	36.01 -0.17 0.00	28.67 -0.09 0.00	26.01 -0.30 0.00	28.74 -0.55 0.00	29.03 -0.61 0.00	26.85 -0.46 0.00	29.06 -0.45 0.00	30.28 -0.54 0.00	36.68 -0.46 0.00	44.82 -0.48 0.00	40.09 -1.07 0.00	38.31 -0.57 0.00	34.56 -0.50 0.00	37.18 -0.28 0.00	38.47 0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00

LYONS_FALL_HYD 23570	31.78 0.38 0.00	26.82 0.20 0.00	25.42 0.03 0.00	24.47 0.03 0.00	27.13 0.08 0.00	34.21 0.36 0.00	44.52 0.92 0.00	36.93 0.76 0.00	29.43 0.67 0.00	26.77 0.47 0.00	29.66 0.37 0.00	29.98 0.33 0.00	27.62 0.31 0.00	29.79 0.29 0.00	31.18 0.36 0.00	37.89 0.75 0.00	46.64 1.34 0.00	42.41 1.24 0.00	40.12 1.24 0.00	36.20 1.14 0.00	38.71 1.25 0.00	39.60 1.21 0.00	39.20 1.10 0.00	39.45 1.05 0.00
MADISON___COUNTY_LFGE 323628	32.13 0.73 0.00	27.20 0.58 0.00	25.87 0.48 0.00	24.91 0.47 0.00	27.61 0.55 0.00	34.66 0.81 0.00	44.91 1.31 0.00	37.36 1.19 0.00	29.71 0.95 0.00	27.10 0.79 0.00	30.05 0.76 0.00	30.32 0.68 0.00	27.85 0.54 0.00	30.03 0.52 0.00	31.46 0.64 0.00	38.18 1.03 0.00	47.11 1.81 0.00	43.01 1.84 0.00	40.57 1.69 0.00	36.58 1.52 0.00	38.95 1.49 0.00	39.67 1.27 0.00	39.28 1.18 0.00	39.51 1.12 0.00
MALONE___115KV_TB1 356076	32.59 1.19 0.00	27.60 0.98 0.00	26.27 0.89 0.00	25.28 0.84 0.00	28.05 0.99 0.00	35.14 1.29 0.00	45.36 1.76 0.00	37.48 1.30 0.00	29.81 1.05 0.00	27.21 0.90 0.00	30.14 0.85 0.00	30.44 0.80 0.00	28.11 0.81 0.00	30.55 1.05 0.00	31.72 0.89 0.00	38.14 1.00 0.00	46.21 0.91 0.00	41.39 0.23 0.00	39.37 0.49 0.00	35.44 0.38 0.00	38.16 0.70 0.00	39.68 1.29 0.00	39.43 1.33 0.00	39.84 1.44 0.00
MAPLEWOD_115KV_TB3 80458	31.99 0.60 0.00	27.11 0.49 0.00	25.84 0.45 0.00	24.90 0.45 0.00	27.61 0.56 0.00	34.55 0.70 0.00	44.65 1.06 0.00	37.21 1.04 0.00	29.57 0.81 0.00	27.02 0.71 0.00	30.18 0.89 0.00	30.52 0.88 0.00	28.11 0.80 0.00	30.33 0.82 0.00	31.86 1.04 0.00	38.53 1.39 0.00	47.20 1.90 0.00	43.17 2.01 0.00	40.70 1.82 0.00	36.74 1.68 0.00	38.96 1.50 0.00	39.71 1.31 0.00	39.29 1.19 0.00	39.46 1.07 0.00
MAPLE_RIDGE_WT_1 323574	31.31 -0.09 0.00	26.45 -0.16 0.00	25.18 -0.20 0.00	24.28 -0.16 0.00	26.87 -0.19 0.00	33.69 -0.16 0.00	43.41 -0.19 0.00	35.91 -0.27 0.00	28.59 -0.17 0.00	26.19 -0.11 0.00	29.19 -0.11 0.00	29.57 -0.07 0.00	27.33 0.02 0.00	29.58 0.07 0.00	30.85 0.03 0.00	37.09 -0.05 0.00	45.00 -0.30 0.00	40.58 -0.58 0.00	38.42 -0.46 0.00	34.66 -0.41 0.00	37.25 -0.21 0.00	38.40 0.01 0.00	38.13 0.03 0.00	38.49 0.10 0.00
MAPLE_RIDGE_WT_2 323611	31.31 -0.09 0.00	26.45 -0.16 0.00	25.18 -0.20 0.00	24.28 -0.16 0.00	26.87 -0.19 0.00	33.69 -0.16 0.00	43.41 -0.19 0.00	35.91 -0.27 0.00	28.59 -0.17 0.00	26.19 -0.11 0.00	29.19 -0.11 0.00	29.57 -0.07 0.00	27.33 0.02 0.00	29.58 0.07 0.00	30.85 0.03 0.00	37.09 -0.05 0.00	45.00 -0.30 0.00	40.58 -0.58 0.00	38.42 -0.46 0.00	34.66 -0.41 0.00	37.25 -0.21 0.00	38.40 0.01 0.00	38.13 0.03 0.00	38.49 0.10 0.00
MARBLE_RIVER_WT_PWR 323696	32.40 1.00 0.00	27.45 0.83 0.00	26.11 0.73 0.00	25.15 0.70 0.00	27.90 0.85 0.00	34.93 1.08 0.00	45.01 1.41 0.00	37.20 1.03 0.00	29.58 0.82 0.00	27.02 0.71 0.00	29.99 0.70 0.00	30.34 0.70 0.00	28.02 0.71 0.00	30.44 0.94 0.00	31.64 0.82 0.00	38.01 0.86 0.00	46.00 0.70 0.00	41.29 0.13 0.00	39.14 0.27 0.00	35.24 0.18 0.00	37.90 0.44 0.00	39.33 0.94 0.00	39.10 1.00 0.00	39.52 1.12 0.00
MARSHVLE_115KV_TB1 80742	33.27 1.87 0.00	28.15 1.53 0.00	26.78 1.39 0.00	25.77 1.32 0.00	28.52 1.46 0.00	35.76 1.91 0.00	46.28 2.68 0.00	38.49 2.32 0.00	30.60 1.83 0.00	27.91 1.60 0.00	30.83 1.54 0.00	31.09 1.45 0.00	28.62 1.31 0.00	30.82 1.31 0.00	32.10 1.28 0.00	39.03 1.89 0.00	48.18 2.88 0.00	43.86 2.70 0.00	41.46 2.58 0.00	37.31 2.25 0.00	39.82 2.36 0.00	40.70 2.30 0.00	40.36 2.26 0.00	40.71 2.31 0.00
MARSH_HILL_WT_PWR 323713	31.40 0.00 0.00	26.58 -0.03 0.00	25.08 -0.30 0.00	24.08 -0.36 0.00	26.53 -0.52 0.00	33.33 -0.52 0.00	42.72 -0.88 0.00	38.94 0.69 -2.08	29.35 0.58 0.00	26.84 0.54 0.00	30.05 0.76 0.00	30.44 0.79 0.00	27.84 0.54 0.00	35.98 0.44 -6.03	31.40 0.58 0.00	38.21 1.07 0.00	47.56 2.26 0.00	48.90 1.43 -6.30	43.85 1.04 -3.93	37.19 0.87 -1.26	40.22 0.63 -2.12	38.92 0.20 -0.33	38.26 0.16 0.00	39.12 0.25 -0.47
MCINTYRE_115KV_TB2 80467	32.57 1.17 0.00	27.59 0.97 0.00	26.35 0.96 0.00	25.33 0.89 0.00	28.05 1.00 0.00	35.19 1.34 0.00	45.41 1.81 0.00	37.45 1.28 0.00	29.74 0.98 0.00	26.94 0.64 0.00	29.69 0.40 0.00	29.95 0.31 0.00	27.74 0.43 0.00	30.18 0.67 0.00	31.38 0.56 0.00	37.78 0.64 0.00	45.77 0.47 0.00	40.34 -0.83 0.00	38.82 -0.06 0.00	34.99 -0.07 0.00	37.81 0.35 0.00	39.49 1.10 0.00	39.06 0.96 0.00	39.52 1.12 0.00
MECO___69_KV_BK1 80468	34.41 3.02 0.00	29.09 2.48 0.00	27.68 2.30 0.00	26.64 2.20 0.00	29.54 2.49 0.00	37.16 3.31 0.00	48.36 4.77 0.00	40.32 4.15 0.00	31.72 2.95 0.00	28.57 2.27 0.00	31.38 2.09 0.00	31.14 1.50 0.00	28.43 1.12 0.00	30.49 0.99 0.00	32.16 1.34 0.00	40.41 3.27 0.00	50.86 5.56 0.00	46.51 5.35 0.00	43.89 5.01 0.00	39.48 4.41 0.00	42.01 4.56 0.00	42.78 4.39 0.00	42.28 4.18 0.00	42.48 4.08 0.00
MENANDS___115KV_TB5 355628	31.80 0.41 0.00	26.95 0.33 0.00	25.69 0.31 0.00	24.76 0.31 0.00	27.46 0.40 0.00	34.35 0.50 0.00	44.39 0.79 0.00	36.98 0.81 0.00	29.38 0.62 0.00	26.86 0.56 0.00	30.03 0.74 0.00	30.37 0.73 0.00	27.97 0.66 0.00	30.18 0.68 0.00	31.71 0.88 0.00	38.32 1.18 0.00	46.91 1.61 0.00	42.90 1.73 0.00	40.45 1.58 0.00	36.51 1.44 0.00	38.71 1.26 0.00	39.47 1.07 0.00	39.06 0.96 0.00	39.24 0.84 0.00
MG INDUSTRY___DRP 24185	31.93 0.53 0.00	27.05 0.43 0.00	25.78 0.39 0.00	24.83 0.39 0.00	27.53 0.48 0.00	34.45 0.60 0.00	44.51 0.91 0.00	37.06 0.89 0.00	29.44 0.67 0.00	26.89 0.59 0.00	30.03 0.74 0.00	30.37 0.72 0.00	27.96 0.65 0.00	30.19 0.69 0.00	31.70 0.88 0.00	38.31 1.17 0.00	46.92 1.62 0.00	42.86 1.70 0.00	40.42 1.54 0.00	36.49 1.43 0.00	38.71 1.25 0.00	39.48 1.09 0.00	39.14 1.04 0.00	39.35 0.96 0.00
MID___OSWEGATCHIE_HYD 23849	31.16 -0.23 0.00	26.32 -0.29 0.00	25.01 -0.38 0.00	24.03 -0.41 0.00	26.64 -0.42 0.00	33.56 -0.28 0.00	43.59 -0.01 0.00	36.01 -0.17 0.00	28.67 -0.09 0.00	26.01 -0.30 0.00	28.74 -0.55 0.00	29.03 -0.61 0.00	26.85 -0.46 0.00	29.06 -0.45 0.00	30.28 -0.54 0.00	36.68 -0.46 0.00	44.82 -0.48 0.00	40.09 -1.07 0.00	38.31 -0.57 0.00	34.56 -0.50 0.00	37.18 -0.28 0.00	38.47 0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00
MID___RAQUETTE_HYD 23851	31.51 0.12 0.00	26.70 0.08 0.00	25.46 0.07 0.00	24.48 0.04 0.00	27.11 0.05 0.00	33.98 0.13 0.00	43.86 0.26 0.00	36.16 -0.01 0.00	28.76 0.00 0.00	26.11 -0.19 0.00	28.86 -0.43 0.00	29.13 -0.51 0.00	26.97 -0.34 0.00	29.30 -0.21 0.00	30.45 -0.37 0.00	36.62 -0.52 0.00	44.29 -1.01 0.00	39.04 -2.12 0.00	37.64 -1.24 0.00	33.93 -1.13 0.00	36.64 -0.82 0.00	38.28 -0.11 0.00	37.87 -0.23 0.00	38.28 -0.11 0.00

MILLIKEN___1 23584	31.78 0.38 0.00	26.93 0.31 0.00	25.61 0.22 0.00	24.67 0.22 0.00	27.27 0.22 0.00	34.19 0.34 0.00	44.13 0.53 0.00	37.91 0.56 -1.18	29.23 0.46 0.00	26.74 0.43 0.00	29.70 0.40 0.00	29.98 0.34 0.00	27.51 0.20 0.00	29.64 0.14 0.00	31.06 0.24 0.00	37.67 0.53 0.00	46.58 1.28 0.00	42.58 1.42 0.00	40.08 1.20 0.00	36.08 1.02 0.00	38.35 0.89 0.00	38.93 0.54 0.00	38.63 0.53 0.00	38.89 0.50 0.00
MILLIKEN___2 23585	31.78 0.38 0.00	26.93 0.31 0.00	25.61 0.22 0.00	24.67 0.22 0.00	27.27 0.22 0.00	34.19 0.34 0.00	44.13 0.53 0.00	37.91 0.56 -1.18	29.23 0.46 0.00	26.74 0.43 0.00	29.70 0.40 0.00	29.98 0.34 0.00	27.51 0.20 0.00	29.64 0.14 0.00	31.06 0.24 0.00	37.67 0.53 0.00	46.58 1.28 0.00	42.58 1.42 0.00	40.08 1.20 0.00	36.08 1.02 0.00	38.35 0.89 0.00	38.93 0.54 0.00	38.63 0.53 0.00	38.89 0.50 0.00
MILLIKEN___DIESEL 23629	31.78 0.38 0.00	26.93 0.31 0.00	25.61 0.22 0.00	24.67 0.22 0.00	27.27 0.22 0.00	34.19 0.34 0.00	44.13 0.53 0.00	37.91 0.56 -1.18	29.23 0.46 0.00	26.74 0.43 0.00	29.70 0.40 0.00	29.98 0.34 0.00	27.51 0.20 0.00	29.64 0.14 0.00	31.06 0.24 0.00	37.67 0.53 0.00	46.58 1.28 0.00	42.58 1.42 0.00	40.08 1.20 0.00	36.08 1.02 0.00	38.35 0.89 0.00	38.93 0.54 0.00	38.63 0.53 0.00	38.89 0.50 0.00
MILLSEAT___LFGE 323607	30.34 -1.06 0.00	25.71 -0.91 0.00	24.27 -1.12 0.00	23.32 -1.12 0.00	25.59 -1.47 0.00	32.18 -1.67 0.00	40.80 -2.80 0.00	32.43 -2.91 0.84	26.73 -2.04 0.00	25.01 -1.30 0.00	27.88 -1.41 0.00	28.38 -1.27 0.00	26.06 -1.25 0.00	21.72 -1.37 6.41	29.21 -1.61 0.00	35.02 -2.13 0.00	43.58 -1.72 0.00	35.24 -0.69 5.23	34.46 -1.15 3.27	32.74 -1.27 1.05	34.21 -1.49 1.76	35.64 -2.48 0.28	36.02 -2.08 0.00	36.51 -1.49 0.39
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.51 1.11 0.00	27.53 0.91 0.00	26.24 0.85 0.00	25.27 0.83 0.00	28.04 0.98 0.00	35.10 1.26 0.00	45.64 2.04 0.00	38.15 1.98 0.00	30.32 1.55 0.00	27.64 1.34 0.00	30.92 1.63 0.00	31.37 1.73 0.00	28.89 1.59 0.00	30.97 1.46 0.00	32.40 1.58 0.00	39.19 2.05 0.00	48.22 2.92 0.00	44.23 3.07 0.00	41.76 2.88 0.00	37.67 2.61 0.00	39.84 2.38 0.00	40.37 1.97 0.00	39.86 1.76 0.00	40.00 1.61 0.00
MILLWOOD_13_KV_LOAD 356217	32.58 1.18 0.00	27.59 0.97 0.00	26.29 0.91 0.00	25.33 0.88 0.00	28.10 1.05 0.00	35.19 1.34 0.00	45.76 2.16 0.00	38.25 2.07 0.00	30.40 1.64 0.00	27.72 1.41 0.00	31.00 1.71 0.00	31.45 1.81 0.00	28.97 1.66 0.00	31.05 1.54 0.00	32.49 1.66 0.00	39.30 2.16 0.00	48.37 3.07 0.00	44.37 3.21 0.00	41.90 3.03 0.00	37.79 2.73 0.00	39.96 2.50 0.00	40.48 2.09 0.00	39.98 1.88 0.00	40.10 1.71 0.00
MODEL_CITY_ENERGY 24167	29.38 -2.02 0.00	24.91 -1.71 0.00	23.50 -1.88 0.00	22.58 -1.87 0.00	24.72 -2.34 0.00	31.05 -2.80 0.00	39.17 -4.43 0.00	31.04 -4.38 0.75	25.57 -3.19 0.00	23.99 -2.32 0.00	26.75 -2.54 0.00	27.26 -2.39 0.00	25.08 -2.23 0.00	19.65 -2.40 7.46	28.16 -2.66 0.00	33.62 -3.53 0.00	41.74 -3.56 0.00	32.76 -2.41 5.99	32.39 -2.75 3.74	31.14 -2.72 1.20	32.43 -3.02 2.02	34.06 -4.01 0.32	34.60 -3.50 0.00	35.16 -2.79 0.45
MODERN_LFGE___ 323580	29.38 -2.02 0.00	24.91 -1.71 0.00	23.50 -1.88 0.00	22.58 -1.87 0.00	24.72 -2.34 0.00	31.05 -2.80 0.00	39.17 -4.43 0.00	31.04 -4.38 0.75	25.57 -3.19 0.00	23.99 -2.32 0.00	26.75 -2.54 0.00	27.26 -2.39 0.00	25.08 -2.23 0.00	19.65 -2.40 7.46	28.16 -2.66 0.00	33.62 -3.53 0.00	41.74 -3.56 0.00	32.76 -2.41 5.99	32.39 -2.75 3.74	31.14 -2.72 1.20	32.43 -3.02 2.02	34.06 -4.01 0.32	34.60 -3.50 0.00	35.16 -2.79 0.45
MOHAWK_PAPER___DRP 24187	31.99 0.60 0.00	27.11 0.49 0.00	25.84 0.45 0.00	24.90 0.45 0.00	27.61 0.56 0.00	34.55 0.70 0.00	44.65 1.06 0.00	37.21 1.04 0.00	29.57 0.81 0.00	27.02 0.71 0.00	30.18 0.89 0.00	30.52 0.88 0.00	28.11 0.80 0.00	30.33 0.82 0.00	31.86 1.04 0.00	38.53 1.39 0.00	47.20 1.90 0.00	43.17 2.01 0.00	40.70 1.82 0.00	36.74 1.68 0.00	38.96 1.50 0.00	39.71 1.31 0.00	39.29 1.19 0.00	39.46 1.07 0.00
MOHICAN___35_KV_115KV_LD 80490	33.07 1.67 0.00	27.96 1.35 0.00	26.64 1.26 0.00	25.74 1.29 0.00	28.57 1.51 0.00	35.84 1.99 0.00	46.47 2.87 0.00	38.84 2.67 0.00	30.87 2.11 0.00	28.17 1.86 0.00	31.43 2.14 0.00	31.80 2.16 0.00	29.07 1.77 0.00	31.22 1.71 0.00	32.60 1.78 0.00	39.46 2.32 0.00	48.52 3.22 0.00	44.31 3.14 0.00	41.77 2.89 0.00	37.60 2.54 0.00	39.74 2.28 0.00	40.47 2.07 0.00	40.06 1.96 0.00	40.22 1.82 0.00
MONGAUP___HYD 23641	32.19 0.79 0.00	27.25 0.64 0.00	25.96 0.58 0.00	25.00 0.55 0.00	27.73 0.67 0.00	34.76 0.91 0.00	45.35 1.75 0.00	37.73 1.56 0.00	29.92 1.16 0.00	27.17 0.87 0.00	30.21 0.92 0.00	30.54 0.89 0.00	28.07 0.76 0.00	30.15 0.64 0.00	31.65 0.83 0.00	38.51 1.37 0.00	47.61 2.32 0.00	43.72 2.56 0.00	41.29 2.41 0.00	37.38 2.32 0.00	39.45 1.99 0.00	40.00 1.61 0.00	39.51 1.41 0.00	39.65 1.26 0.00
MONTAUK___DIESEL 23721	34.58 3.18 0.00	29.24 2.63 0.00	27.73 2.34 0.00	26.81 2.36 0.00	29.73 2.68 0.00	37.26 3.40 0.00	48.70 5.10 0.00	40.73 4.56 0.00	32.03 3.27 0.00	28.91 2.61 0.00	32.27 2.97 0.00	32.70 3.06 0.00	30.10 2.79 0.00	32.37 2.87 0.00	33.92 3.10 0.00	41.02 3.87 0.00	83.02 6.01 -31.71	96.20 5.92 -49.12	44.31 5.43 0.00	40.48 4.79 -0.64	42.05 4.59 0.00	42.44 4.04 0.00	41.95 3.85 0.00	42.17 3.78 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.53 0.13 0.00	26.71 0.09 0.00	25.21 -0.18 0.00	24.28 -0.16 0.00	26.69 -0.37 0.00	33.39 -0.46 0.00	42.31 -1.29 0.00	33.67 -1.99 0.51	27.42 -1.35 0.00	25.56 -0.74 0.00	28.68 -0.61 0.00	29.42 -0.23 0.00	27.09 -0.22 0.00	29.32 -0.18 0.00	30.57 -0.25 0.00	36.55 -0.59 0.00	45.47 0.17 0.00	41.99 0.82 0.00	39.20 0.32 0.00	35.03 -0.03 0.00	37.18 -0.28 0.00	37.24 -1.16 0.00	37.26 -0.84 0.00	38.05 -0.35 0.00
MORTIMER_115KV_TB3 55949	30.38 -1.02 0.00	25.77 -0.85 0.00	24.40 -0.98 0.00	23.49 -0.95 0.00	25.85 -1.21 0.00	32.43 -1.42 0.00	41.40 -2.20 0.00	32.97 -2.11 1.08	27.24 -1.53 0.00	25.28 -1.03 0.00	28.21 -1.08 0.00	28.66 -0.98 0.00	26.34 -0.97 0.00	28.39 -1.11 0.00	29.58 -1.24 0.00	35.57 -1.58 0.00	44.01 -1.29 0.00	40.60 -0.56 0.00	38.01 -0.86 0.00	34.14 -0.92 0.00	36.36 -1.10 0.00	36.61 -1.78 0.00	36.54 -1.56 0.00	37.13 -1.27 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.95 0.00	25.37 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.85 2.25 0.00	38.36 2.19 0.00	30.52 1.76 0.00	27.85 1.54 0.00	31.14 1.85 0.00	31.61 1.96 0.00	29.12 1.81 0.00	31.19 1.68 0.00	32.62 1.80 0.00	39.45 2.30 0.00	48.52 3.22 0.00	44.51 3.35 0.00	42.03 3.15 0.00	37.92 2.86 0.00	40.08 2.61 0.00	40.58 2.18 0.00	40.05 1.95 0.00	40.18 1.78 0.00

MUNSVILLE_WIND_PWR 323609	33.74 2.35 0.00	28.49 1.87 0.00	26.97 1.58 0.00	25.87 1.42 0.00	28.60 1.54 0.00	36.17 2.31 0.00	47.22 3.62 0.00	40.50 3.47 -0.86	31.51 2.74 0.00	28.78 2.48 0.00	31.89 2.60 0.00	32.14 2.50 0.00	29.41 2.10 0.00	33.54 2.13 -1.91	33.23 2.40 0.00	40.61 3.46 0.00	50.73 5.43 0.00	48.14 5.31 -1.67	44.77 4.85 -1.04	39.60 4.21 -0.33	42.26 4.24 -0.56	42.38 3.90 -0.09	41.84 3.74 0.00	42.20 3.68 -0.13
N SALMON___HYD 24042	32.59 1.19 0.00	27.60 0.98 0.00	26.27 0.89 0.00	25.28 0.84 0.00	28.05 0.99 0.00	35.14 1.29 0.00	45.36 1.76 0.00	37.48 1.30 0.00	29.81 1.04 0.00	27.21 0.90 0.00	30.14 0.85 0.00	30.44 0.79 0.00	28.11 0.81 0.00	30.55 1.05 0.00	31.72 0.89 0.00	38.14 1.00 0.00	46.21 0.91 0.00	41.39 0.23 0.00	39.37 0.50 0.00	35.44 0.38 0.00	38.16 0.70 0.00	39.68 1.29 0.00	39.43 1.33 0.00	39.84 1.44 0.00
N.AKRON___115KV_KNAPP 355671	30.33 -1.07 0.00	25.71 -0.90 0.00	24.26 -1.12 0.00	23.34 -1.11 0.00	25.58 -1.48 0.00	32.17 -1.68 0.00	40.78 -2.82 0.00	32.40 -2.94 0.83	26.70 -2.06 0.00	24.99 -1.31 0.00	27.87 -1.43 0.00	28.36 -1.29 0.00	26.06 -1.25 0.00	28.11 -1.39 0.00	29.20 -1.62 0.00	35.00 -2.14 0.00	43.55 -1.75 0.00	40.39 -0.78 0.00	37.65 -1.23 0.00	33.72 -1.34 0.00	35.92 -1.54 0.00	35.87 -2.53 0.00	36.00 -2.10 0.00	36.88 -1.52 0.00
N.BELMOR_69_KV_BK1 55787	33.23 1.84 0.00	28.11 1.50 0.00	26.71 1.33 0.00	25.77 1.33 0.00	28.59 1.53 0.00	35.77 1.93 0.00	46.61 3.02 0.00	38.99 2.82 0.00	30.94 2.17 0.00	28.14 1.84 0.00	31.55 2.25 0.00	31.97 2.33 0.00	29.46 2.15 0.00	31.61 2.10 0.00	33.08 2.26 0.00	40.07 2.93 0.00	81.02 4.01 -31.71	94.41 4.12 -49.12	42.82 3.94 0.00	39.26 3.56 -0.64	40.83 3.37 0.00	41.25 2.85 0.00	40.75 2.66 0.00	40.87 2.48 0.00
N.E._GEN_SANDY PD 24062	32.25 0.86 0.00	27.35 0.74 0.00	26.08 0.69 0.00	25.14 0.69 0.00	27.88 0.83 0.00	34.80 0.95 0.00	44.84 1.45 0.21	37.58 1.41 0.00	30.21 1.07 -0.37	26.42 0.92 0.80	30.89 1.24 -0.36	30.90 1.26 0.00	28.46 1.14 0.00	30.64 1.14 0.00	32.66 1.39 -0.45	38.89 1.75 0.00	47.58 2.28 0.00	43.58 2.42 0.00	41.14 2.26 0.00	37.15 2.09 0.00	39.33 1.87 0.00	40.98 1.65 -0.94	39.64 1.54 0.00	39.87 1.43 -0.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.47 1.07 0.00	27.49 0.87 0.00	26.19 0.81 0.00	25.24 0.79 0.00	28.01 0.95 0.00	35.08 1.23 0.00	45.62 2.02 0.00	38.10 1.93 0.00	30.27 1.51 0.00	27.58 1.27 0.00	30.84 1.55 0.00	31.31 1.66 0.00	28.82 1.51 0.00	30.87 1.37 0.00	32.29 1.47 0.00	39.07 1.93 0.00	48.12 2.82 0.00	44.16 2.99 0.00	41.69 2.81 0.00	37.59 2.53 0.00	39.76 2.30 0.00	40.28 1.89 0.00	39.78 1.68 0.00	39.92 1.53 0.00
N.QUEENS_27_KV_LOAD 356247	32.58 1.18 0.00	27.59 0.97 0.00	26.36 0.98 0.00	25.35 0.90 0.00	28.03 0.97 0.00	35.23 1.38 0.00	45.83 2.23 0.00	38.44 2.26 0.00	30.61 1.85 0.00	27.89 1.58 0.00	31.20 1.91 0.00	31.67 2.03 0.00	29.24 1.93 0.00	31.23 1.73 0.00	32.68 1.87 0.00	39.47 2.32 0.00	48.60 3.30 0.00	44.60 3.44 0.00	42.09 3.21 0.00	38.01 2.95 0.00	40.10 2.64 0.00	40.62 2.22 0.00	40.01 1.91 0.00	40.15 1.75 0.00
N.TROY___115KV_TB1 355778	32.19 0.79 0.00	27.27 0.66 0.00	26.00 0.61 0.00	25.06 0.62 0.00	27.80 0.74 0.00	34.78 0.93 0.00	44.95 1.35 0.00	37.46 1.29 0.00	29.75 0.99 0.00	27.17 0.87 0.00	30.38 1.09 0.00	30.70 1.06 0.00	28.24 0.93 0.00	30.45 0.95 0.00	32.01 1.19 0.00	38.68 1.54 0.00	47.33 2.02 0.00	43.29 2.13 0.00	40.82 1.94 0.00	36.82 1.76 0.00	39.08 1.62 0.00	39.86 1.47 0.00	39.47 1.37 0.00	39.66 1.27 0.00
NARROWS_GT1_1 24228	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NARROWS_GT1_2 24229	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NARROWS_GT1_3 24230	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NARROWS_GT1_4 24231	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NARROWS_GT1_5 24232	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NARROWS_GT1_6 24233	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NARROWS_GT1_7 24234	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00

NARROWS_GT1_8 24235	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NARROWS_GT2_1 24236	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NARROWS_GT2_2 24237	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NARROWS_GT2_3 24238	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NARROWS_GT2_4 24239	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NARROWS_GT2_5 24240	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NARROWS_GT2_6 24241	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NARROWS_GT2_7 24242	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NARROWS_GT2_8 24243	32.82 1.43 0.00	27.77 1.15 0.00	26.47 1.08 0.00	25.47 1.03 0.00	28.26 1.21 0.00	35.48 1.63 0.00	46.16 2.57 0.00	38.62 2.45 0.00	30.74 1.97 0.00	28.02 1.71 0.00	31.40 2.11 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.40 1.90 0.00	32.82 2.00 0.00	39.65 2.51 0.00	48.87 3.57 0.00	44.87 3.70 0.00	42.37 3.49 0.00	38.23 3.16 0.00	40.38 2.92 0.00	40.84 2.45 0.00	40.30 2.20 0.00	40.42 2.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.60 1.20 0.00	27.60 0.99 0.00	26.29 0.91 0.00	25.33 0.88 0.00	28.11 1.06 0.00	35.23 1.39 0.00	45.61 2.01 0.00	38.04 1.87 0.00	30.20 1.44 0.00	27.49 1.18 0.00	30.52 1.23 0.00	30.77 1.13 0.00	28.31 1.00 0.00	30.63 1.13 0.00	32.29 1.47 0.00	39.25 2.11 0.00	48.37 3.07 0.00	44.34 3.17 0.00	41.79 2.91 0.00	37.70 2.64 0.00	39.96 2.50 0.00	40.72 2.33 0.00	40.29 2.19 0.00	40.43 2.04 0.00
NCHELSEA_115KV_TR2 355582	32.77 1.38 0.00	27.76 1.15 0.00	26.45 1.06 0.00	25.48 1.03 0.00	28.26 1.20 0.00	35.38 1.53 0.00	45.98 2.38 0.00	38.43 2.25 0.00	30.52 1.76 0.00	27.82 1.52 0.00	31.10 1.81 0.00	31.52 1.88 0.00	29.03 1.72 0.00	31.15 1.65 0.00	32.65 1.83 0.00	39.54 2.39 0.00	48.67 3.37 0.00	44.64 3.48 0.00	42.17 3.29 0.00	38.06 3.00 0.00	40.26 2.79 0.00	40.78 2.39 0.00	40.28 2.18 0.00	40.41 2.01 0.00
NEG CAPITAL___MECHNVIL 23645	32.69 1.30 0.00	27.67 1.05 0.00	26.36 0.98 0.00	25.43 0.98 0.00	28.20 1.15 0.00	35.34 1.49 0.00	45.75 2.15 0.00	38.18 2.01 0.00	30.38 1.61 0.00	27.79 1.48 0.00	31.03 1.74 0.00	31.29 1.65 0.00	28.73 1.42 0.00	30.86 1.36 0.00	32.39 1.56 0.00	39.22 2.07 0.00	48.14 2.84 0.00	44.01 2.85 0.00	41.50 2.62 0.00	37.40 2.34 0.00	39.66 2.21 0.00	40.40 2.01 0.00	39.98 1.88 0.00	40.14 1.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.98 -1.42 0.00	25.42 -1.19 0.00	24.12 -1.27 0.00	23.20 -1.24 0.00	25.58 -1.48 0.00	32.09 -1.76 0.00	41.10 -2.50 0.00	32.43 -2.26 1.49	27.08 -1.68 0.00	25.04 -1.26 0.00	27.93 -1.36 0.00	28.32 -1.32 0.00	26.03 -1.28 0.00	25.57 -1.44 2.49	29.29 -1.54 0.00	35.30 -1.85 0.00	43.62 -1.68 0.00	37.96 -1.06 2.15	36.25 -1.28 1.34	33.34 -1.29 0.43	35.21 -1.53 0.72	36.17 -2.11 0.11	36.15 -1.95 0.00	36.48 -1.75 0.16
NEG CENTRAL___DRP 24199	31.12 -0.28 0.00	26.40 -0.21 0.00	25.08 -0.31 0.00	24.15 -0.30 0.00	26.69 -0.37 0.00	33.43 -0.42 0.00	42.99 -0.61 0.00	42.16 -0.29 -6.28	28.61 -0.16 0.00	26.25 -0.05 0.00	29.19 -0.10 0.00	29.48 -0.16 0.00	27.06 -0.25 0.00	29.15 -0.35 0.00	30.54 -0.28 0.00	36.96 -0.19 0.00	45.66 0.36 0.00	41.73 0.56 0.00	39.26 0.39 0.00	35.33 0.27 0.00	37.53 0.07 0.00	38.05 -0.35 0.00	37.75 -0.35 0.00	38.06 -0.34 0.00
NEG CENTRAL___INDECK 23768	31.75 0.36 0.00	26.88 0.27 0.00	25.40 0.01 0.00	24.44 -0.01 0.00	26.92 -0.14 0.00	33.85 0.00 0.00	43.41 -0.19 0.00	37.42 0.41 -0.85	29.18 0.41 0.00	26.85 0.55 0.00	30.03 0.74 0.00	30.38 0.74 0.00	27.72 0.41 0.00	32.48 0.15 -2.82	30.93 0.11 0.00	37.49 0.35 0.00	47.15 1.85 0.00	41.51 3.45 3.10	39.80 2.86 1.93	36.77 2.33 0.62	38.70 2.28 1.04	39.66 1.43 0.16	39.55 1.46 0.00	39.78 1.62 0.23



NEG CENTRAL___SENECA 23627	31.25 -0.15 0.00	26.50 -0.11 0.00	25.13 -0.26 0.00	24.20 -0.24 0.00	26.73 -0.32 0.00	33.54 -0.31 0.00	43.06 -0.54 0.00	46.11 -0.11 -10.04	28.79 0.03 0.00	26.44 0.13 0.00	29.39 0.09 0.00	29.68 0.04 0.00	27.20 -0.10 0.00	29.30 -0.20 0.00	30.70 -0.12 0.00	37.19 0.04 0.00	46.03 0.74 0.00	42.04 0.88 0.00	39.52 0.64 0.00	35.54 0.48 0.00	37.73 0.27 0.00	38.18 -0.21 0.00	37.89 -0.21 0.00	38.22 -0.18 0.00
NEG CENTRAL___STATE_STREET 24147	31.23 -0.17 0.00	26.47 -0.14 0.00	25.27 -0.12 0.00	24.33 -0.11 0.00	26.89 -0.17 0.00	33.60 -0.25 0.00	43.26 -0.34 0.00	37.84 -0.22 -1.89	28.60 -0.16 0.00	26.21 -0.10 0.00	29.16 -0.13 0.00	29.46 -0.19 0.00	27.08 -0.23 0.00	29.20 -0.30 0.00	30.56 -0.26 0.00	36.97 -0.17 0.00	45.59 0.29 0.00	41.68 0.51 0.00	39.23 0.35 0.00	35.33 0.27 0.00	37.58 0.11 0.00	38.17 -0.22 0.00	37.88 -0.22 0.00	38.15 -0.24 0.00
NEG MILLWOOD___DRP 24198	32.90 1.50 0.00	27.86 1.24 0.00	26.54 1.15 0.00	25.57 1.12 0.00	28.36 1.31 0.00	35.52 1.67 0.00	46.20 2.60 0.00	38.63 2.46 0.00	30.69 1.93 0.00	27.98 1.68 0.00	31.28 1.99 0.00	31.71 2.07 0.00	29.19 1.88 0.00	31.32 1.82 0.00	32.83 2.00 0.00	39.73 2.58 0.00	48.91 3.61 0.00	44.91 3.74 0.00	42.42 3.55 0.00	38.29 3.23 0.00	40.48 3.02 0.00	40.99 2.60 0.00	40.47 2.37 0.00	40.59 2.19 0.00
NEG NORTH_FLCN_SEA 23793	32.86 1.46 0.00	27.83 1.21 0.00	26.47 1.08 0.00	25.53 1.09 0.00	28.30 1.24 0.00	35.44 1.59 0.00	45.76 2.16 0.00	37.85 1.68 0.00	30.07 1.31 0.00	27.43 1.13 0.00	30.49 1.20 0.00	30.87 1.23 0.00	28.47 1.16 0.00	30.94 1.44 0.00	32.17 1.35 0.00	38.67 1.53 0.00	46.87 1.57 0.00	42.12 0.96 0.00	39.88 1.00 0.00	35.88 0.82 0.00	38.51 1.05 0.00	39.94 1.55 0.00	39.71 1.61 0.00	40.13 1.73 0.00
NEG NORTH_KES_CHATEGAY 23792	32.50 1.11 0.00	27.53 0.92 0.00	26.20 0.82 0.00	25.22 0.78 0.00	27.96 0.91 0.00	35.00 1.15 0.00	45.11 1.51 0.00	37.24 1.07 0.00	29.62 0.86 0.00	27.04 0.74 0.00	29.99 0.70 0.00	30.33 0.69 0.00	28.02 0.71 0.00	30.46 0.96 0.00	31.60 0.77 0.00	37.96 0.82 0.00	45.97 0.68 0.00	41.27 0.11 0.00	39.13 0.25 0.00	35.22 0.16 0.00	37.91 0.45 0.00	39.37 0.98 0.00	39.15 1.05 0.00	39.58 1.19 0.00
NEG NORTH___ALICE_FALLS 23915	32.95 1.55 0.00	27.90 1.28 0.00	26.54 1.16 0.00	25.59 1.14 0.00	28.38 1.32 0.00	35.55 1.70 0.00	45.94 2.34 0.00	38.00 1.83 0.00	30.19 1.43 0.00	27.55 1.25 0.00	30.58 1.29 0.00	30.98 1.33 0.00	28.58 1.27 0.00	31.03 1.52 0.00	32.25 1.43 0.00	38.79 1.64 0.00	47.04 1.74 0.00	42.32 1.16 0.00	40.08 1.21 0.00	36.07 1.01 0.00	38.72 1.26 0.00	40.14 1.75 0.00	39.89 1.79 0.00	40.29 1.89 0.00
NEG NORTH___LWR_SARANAC 23913	32.95 1.55 0.00	27.90 1.28 0.00	26.54 1.16 0.00	25.59 1.14 0.00	28.38 1.32 0.00	35.55 1.70 0.00	45.94 2.34 0.00	38.00 1.83 0.00	30.19 1.43 0.00	27.55 1.25 0.00	30.58 1.29 0.00	30.98 1.33 0.00	28.58 1.27 0.00	31.03 1.52 0.00	32.25 1.43 0.00	38.79 1.64 0.00	47.04 1.74 0.00	42.32 1.16 0.00	40.08 1.21 0.00	36.07 1.01 0.00	38.72 1.26 0.00	40.14 1.75 0.00	39.89 1.79 0.00	40.29 1.89 0.00
NEG NORTH___PLATTSBURG 23628	32.95 1.55 0.00	27.90 1.28 0.00	26.54 1.16 0.00	25.59 1.14 0.00	28.38 1.32 0.00	35.54 1.70 0.00	45.94 2.34 0.00	38.00 1.83 0.00	30.19 1.43 0.00	27.55 1.25 0.00	30.58 1.29 0.00	30.98 1.33 0.00	28.57 1.27 0.00	31.02 1.52 0.00	32.25 1.42 0.00	38.79 1.65 0.00	47.03 1.74 0.00	42.32 1.16 0.00	40.08 1.21 0.00	36.07 1.01 0.00	38.72 1.26 0.00	40.14 1.75 0.00	39.89 1.79 0.00	40.29 1.89 0.00
NEG WEST_LEA_LOCKPORT 23791	29.73 -1.67 0.00	25.21 -1.40 0.00	23.78 -1.60 0.00	22.87 -1.57 0.00	25.04 -2.02 0.00	31.45 -2.40 0.00	39.69 -3.91 0.00	31.42 -3.97 0.78	25.89 -2.88 0.00	24.28 -2.02 0.00	27.10 -2.19 0.00	27.61 -2.03 0.00	25.40 -1.91 0.00	27.44 -2.07 0.00	28.52 -2.30 0.00	34.06 -3.08 0.00	42.31 -2.99 0.00	39.23 -1.93 0.00	36.56 -2.32 0.00	32.73 -2.33 0.00	34.88 -2.58 0.00	34.81 -3.58 0.00	35.02 -3.08 0.00	36.01 -2.39 0.00
NEG WEST___LANCASTR 23811	31.06 -0.33 0.00	26.36 -0.25 0.00	24.90 -0.49 0.00	23.98 -0.46 0.00	26.34 -0.72 0.00	33.03 -0.82 0.00	41.78 -1.82 0.00	33.57 -2.08 0.52	27.30 -1.46 0.00	25.49 -0.81 0.00	28.61 -0.68 0.00	29.14 -0.50 0.00	26.79 -0.52 0.00	28.93 -0.57 0.00	30.11 -0.71 0.00	36.06 -1.08 0.00	44.75 -0.55 0.00	41.29 0.13 0.00	38.56 -0.32 0.00	34.52 -0.54 0.00	36.82 -0.64 0.00	36.80 -1.60 0.00	36.99 -1.11 0.00	37.81 -0.59 0.00
NEG_PENN_ALLEGHNY 23528	31.37 -0.03 0.00	26.57 -0.04 0.00	25.26 -0.13 0.00	24.32 -0.12 0.00	26.91 -0.15 0.00	33.72 -0.14 0.00	43.50 -0.10 0.00	36.99 0.05 -0.77	28.79 0.02 0.00	26.36 0.05 0.00	29.42 0.13 0.00	29.81 0.17 0.00	27.36 0.05 0.00	31.44 -0.02 -1.95	30.89 0.07 0.00	37.37 0.23 0.00	46.04 0.74 0.00	43.64 0.75 -1.73	40.55 0.59 -1.08	35.88 0.47 -0.35	38.33 0.28 -0.58	38.41 -0.08 -0.09	38.05 -0.05 0.00	38.49 -0.03 -0.13
NEG___GEN_MONROE 24207	30.56 -0.84 0.00	25.92 -0.70 0.00	24.53 -0.85 0.00	23.61 -0.83 0.00	25.97 -1.08 0.00	32.61 -1.24 0.00	41.62 -1.98 0.00	33.10 -2.00 1.07	27.36 -1.40 0.00	25.43 -0.88 0.00	28.36 -0.93 0.00	28.82 -0.82 0.00	26.47 -0.84 0.00	28.51 -1.00 0.00	29.67 -1.15 0.00	35.69 -1.46 0.00	44.27 -1.03 0.00	40.91 -0.25 0.00	38.29 -0.59 0.00	34.36 -0.70 0.00	36.57 -0.88 0.00	36.77 -1.62 0.00	36.73 -1.38 0.00	37.36 -1.04 0.00
NEPA___ENERGY 23901	30.56 -0.84 0.00	25.89 -0.73 0.00	24.46 -0.92 0.00	23.57 -0.87 0.00	25.97 -1.09 0.00	32.57 -1.28 0.00	41.47 -2.13 0.00	33.52 -2.18 0.47	27.08 -1.68 0.00	25.06 -1.25 0.00	28.08 -1.21 0.00	28.68 -0.97 0.00	26.27 -1.04 0.00	28.36 -1.15 0.00	29.59 -1.23 0.00	35.46 -1.69 0.00	44.15 -1.15 0.00	40.52 -0.65 0.00	37.90 -0.98 0.00	33.91 -1.15 0.00	36.05 -1.40 0.00	36.17 -2.22 0.00	36.25 -1.85 0.00	36.93 -1.47 0.00
NEVERSINK___HYD 23608	32.90 1.51 0.00	27.87 1.25 0.00	26.55 1.16 0.00	25.56 1.12 0.00	28.36 1.30 0.00	35.53 1.68 0.00	46.21 2.61 0.00	38.61 2.44 0.00	30.65 1.89 0.00	27.86 1.55 0.00	31.01 1.72 0.00	31.41 1.76 0.00	28.89 1.58 0.00	31.01 1.51 0.00	32.54 1.72 0.00	39.51 2.37 0.00	48.82 3.52 0.00	44.78 3.61 0.00	42.32 3.44 0.00	38.17 3.11 0.00	40.41 2.95 0.00	40.94 2.55 0.00	40.42 2.33 0.00	40.56 2.16 0.00
NEWKRMKL_115KV_TB1 55635	31.64 0.25 0.00	26.81 0.20 0.00	25.56 0.17 0.00	24.63 0.19 0.00	27.32 0.26 0.00	34.18 0.33 0.00	44.19 0.59 0.00	36.82 0.65 0.00	29.25 0.49 0.00	26.73 0.43 0.00	29.89 0.60 0.00	30.22 0.57 0.00	27.83 0.52 0.00	30.02 0.52 0.00	31.54 0.72 0.00	38.12 0.98 0.00	46.70 1.40 0.00	42.68 1.52 0.00	40.24 1.37 0.00	36.33 1.27 0.00	38.52 1.06 0.00	39.27 0.88 0.00	38.86 0.77 0.00	39.03 0.63 0.00

NEWTON___FALLS_HYD 23847	31.16 -0.23 0.00	26.32 -0.29 0.00	25.01 -0.38 0.00	24.03 -0.41 0.00	26.64 -0.42 0.00	33.56 -0.28 0.00	43.59 -0.01 0.00	36.01 -0.17 0.00	28.67 -0.09 0.00	26.01 -0.30 0.00	28.74 -0.55 0.00	29.03 -0.61 0.00	26.85 -0.46 0.00	29.06 -0.45 0.00	30.28 -0.54 0.00	36.68 -0.46 0.00	44.82 -0.48 0.00	40.09 -1.07 0.00	38.31 -0.57 0.00	34.56 -0.50 0.00	37.18 -0.28 0.00	38.47 0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00
NGRID_A1_DSASP 323792	29.34 -2.06 0.00	24.90 -1.72 0.00	23.48 -1.90 0.00	22.57 -1.88 0.00	24.70 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.64 0.72	25.37 -3.39 0.00	23.80 -2.50 0.00	26.55 -2.74 0.00	27.05 -2.60 0.00	24.90 -2.41 0.00	19.17 -2.58 7.75	27.98 -2.84 0.00	33.37 -3.77 0.00	41.26 -4.04 0.00	32.26 -2.71 6.19	31.92 -3.09 3.87	30.71 -3.11 1.24	31.99 -3.39 2.08	33.60 -4.47 0.33	34.14 -3.95 0.00	34.86 -3.07 0.46
NGRID_A2_DSASP 323793	29.34 -2.06 0.00	24.90 -1.72 0.00	23.48 -1.90 0.00	22.57 -1.88 0.00	24.70 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.64 0.72	25.37 -3.39 0.00	23.80 -2.50 0.00	26.55 -2.74 0.00	27.05 -2.60 0.00	24.90 -2.41 0.00	19.17 -2.58 7.75	27.98 -2.84 0.00	33.37 -3.77 0.00	41.26 -4.04 0.00	32.26 -2.71 6.19	31.92 -3.09 3.87	30.71 -3.11 1.24	31.99 -3.39 2.08	33.60 -4.47 0.33	34.14 -3.95 0.00	34.86 -3.07 0.46
NGRID_A4_DSASP 323807	29.34 -2.06 0.00	24.90 -1.72 0.00	23.48 -1.90 0.00	22.57 -1.88 0.00	24.70 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.64 0.72	25.37 -3.39 0.00	23.80 -2.50 0.00	26.55 -2.74 0.00	27.05 -2.60 0.00	24.90 -2.41 0.00	19.17 -2.58 7.75	27.98 -2.84 0.00	33.37 -3.77 0.00	41.26 -4.04 0.00	32.26 -2.71 6.19	31.92 -3.09 3.87	30.71 -3.11 1.24	31.99 -3.39 2.08	33.60 -4.47 0.33	34.14 -3.95 0.00	34.86 -3.07 0.46
NIAGARA_115E_LBMP 323715	29.17 -2.22 0.00	24.74 -1.88 0.00	23.34 -2.04 0.00	22.42 -2.02 0.00	24.54 -2.52 0.00	30.82 -3.03 0.00	38.84 -4.75 0.00	30.80 -4.64 0.73	25.37 -3.40 0.00	23.80 -2.51 0.00	26.54 -2.75 0.00	27.04 -2.60 0.00	24.89 -2.42 0.00	19.23 -2.60 7.67	27.94 -2.87 0.00	33.35 -3.80 0.00	41.40 -3.90 0.00	32.28 -2.74 6.15	32.00 -3.04 3.84	30.85 -2.98 1.23	32.09 -3.30 2.07	33.78 -4.29 0.33	34.34 -3.76 0.00	34.90 -3.03 0.46
NIAGARA_115W_LBMP 323714	29.29 -2.11 0.00	24.85 -1.76 0.00	23.45 -1.94 0.00	22.53 -1.92 0.00	24.66 -2.39 0.00	30.96 -2.89 0.00	38.91 -4.69 0.00	30.73 -4.72 0.72	25.32 -3.45 0.00	23.75 -2.55 0.00	26.49 -2.80 0.00	26.99 -2.66 0.00	24.85 -2.46 0.00	19.13 -2.90 7.73	27.92 -2.90 0.00	33.31 -3.84 0.00	41.14 -4.16 0.00	32.20 -3.17 6.18	31.85 -3.17 3.86	30.64 -3.18 1.24	31.90 -3.48 2.08	33.50 -4.56 0.33	34.06 -4.04 0.00	34.78 -3.15 0.46
NIAGARA_230_LBMP 323716	29.37 -2.03 0.00	24.93 -1.69 0.00	23.51 -1.87 0.00	22.60 -1.84 0.00	24.77 -2.29 0.00	31.07 -2.78 0.00	39.18 -4.42 0.00	31.11 -4.33 0.73	25.58 -3.19 0.00	23.97 -2.34 0.00	26.75 -2.54 0.00	27.26 -2.38 0.00	25.09 -2.22 0.00	19.52 -2.40 7.59	28.19 -2.63 0.00	33.66 -3.48 0.00	41.74 -3.56 0.00	32.61 -2.48 6.07	32.25 -2.84 3.79	31.06 -2.79 1.22	32.35 -3.07 2.04	34.05 -4.02 0.32	34.59 -3.50 0.00	35.12 -2.83 0.45
NIAGARA___115KV_198_GIBSON 55903	29.29 -2.11 0.00	24.85 -1.76 0.00	23.45 -1.94 0.00	22.54 -1.90 0.00	24.67 -2.39 0.00	30.96 -2.89 0.00	38.91 -4.69 0.00	30.73 -4.72 0.72	25.32 -3.45 0.00	23.76 -2.55 0.00	26.49 -2.80 0.00	26.99 -2.66 0.00	24.85 -2.46 0.00	26.86 -2.64 0.00	27.92 -2.91 0.00	33.30 -3.84 0.00	41.14 -4.16 0.00	38.32 -2.85 0.00	35.65 -3.22 0.00	31.86 -3.21 0.00	33.98 -3.48 0.00	33.82 -4.57 0.00	34.06 -4.03 0.00	35.25 -3.15 0.00
NIAGARA____ 23760	29.37 -2.03 0.00	24.93 -1.69 0.00	23.51 -1.87 0.00	22.60 -1.84 0.00	24.77 -2.29 0.00	31.07 -2.78 0.00	39.18 -4.42 0.00	31.11 -4.33 0.73	25.58 -3.19 0.00	23.97 -2.34 0.00	26.75 -2.54 0.00	27.26 -2.38 0.00	25.09 -2.22 0.00	19.49 -2.40 7.62	28.19 -2.63 0.00	33.66 -3.48 0.00	41.74 -3.56 0.00	32.58 -2.48 6.10	32.23 -2.84 3.81	31.05 -2.79 1.22	32.34 -3.07 2.06	34.05 -4.02 0.32	34.59 -3.50 0.00	35.11 -2.83 0.46
NINE_MILE_1 23575	30.23 -1.17 0.00	25.63 -0.98 0.00	24.42 -0.96 0.00	23.52 -0.93 0.00	25.99 -1.07 0.00	32.51 -1.34 0.00	41.79 -1.81 0.00	34.69 -1.48 0.00	27.60 -1.16 0.00	25.30 -1.00 0.00	28.16 -1.13 0.00	28.50 -1.14 0.00	26.24 -1.08 0.00	28.30 -1.20 0.00	29.59 -1.23 0.00	35.71 -1.43 0.00	43.79 -1.51 0.00	39.95 -1.21 0.00	37.67 -1.21 0.00	33.95 -1.11 0.00	36.17 -1.29 0.00	36.87 -1.52 0.00	36.58 -1.51 0.00	36.88 -1.51 0.00
NINE_MILE_2 23744	30.23 -1.17 0.00	25.64 -0.98 0.00	24.42 -0.96 0.00	23.52 -0.93 0.00	25.99 -1.06 0.00	32.51 -1.34 0.00	41.80 -1.80 0.00	34.69 -1.48 0.00	27.60 -1.16 0.00	25.30 -1.00 0.00	28.16 -1.13 0.00	28.50 -1.14 0.00	26.24 -1.08 0.00	28.30 -1.20 0.00	29.59 -1.23 0.00	35.71 -1.43 0.00	43.80 -1.50 0.00	39.96 -1.21 0.00	37.67 -1.21 0.00	33.95 -1.11 0.00	36.17 -1.29 0.00	36.87 -1.52 0.00	36.59 -1.51 0.00	36.89 -1.51 0.00
NM_CAPITAL___DRP 24208	31.73 0.33 0.00	26.89 0.27 0.00	25.63 0.25 0.00	24.70 0.26 0.00	27.39 0.34 0.00	34.26 0.41 0.00	44.28 0.68 0.00	36.89 0.72 0.00	29.32 0.55 0.00	26.80 0.49 0.00	29.96 0.66 0.00	30.30 0.65 0.00	27.90 0.59 0.00	30.11 0.60 0.00	31.63 0.81 0.00	38.21 1.07 0.00	46.80 1.50 0.00	42.78 1.62 0.00	40.35 1.47 0.00	36.42 1.36 0.00	38.62 1.16 0.00	39.37 0.98 0.00	38.97 0.86 0.00	39.14 0.74 0.00
NM_CENTRAL___DRP 24181	30.79 -0.61 0.00	26.10 -0.52 0.00	24.84 -0.54 0.00	23.93 -0.51 0.00	26.46 -0.60 0.00	33.13 -0.72 0.00	42.61 -0.99 0.00	35.64 -0.80 -0.27	28.15 -0.61 0.00	25.81 -0.50 0.00	28.73 -0.56 0.00	29.07 -0.57 0.00	26.74 -0.57 0.00	28.82 -0.68 0.00	30.17 -0.66 0.00	36.45 -0.69 0.00	44.80 -0.50 0.00	40.93 -0.23 0.00	38.55 -0.33 0.00	34.74 -0.32 0.00	36.96 -0.50 0.00	37.60 -0.79 0.00	37.30 -0.80 0.00	37.59 -0.81 0.00
NM_FRONTIER___DRP 24179	29.29 -2.11 0.00	24.85 -1.76 0.00	23.45 -1.94 0.00	22.54 -1.90 0.00	24.67 -2.39 0.00	30.96 -2.89 0.00	38.91 -4.69 0.00	30.73 -4.72 0.72	25.32 -3.45 0.00	23.76 -2.55 0.00	26.49 -2.80 0.00	26.99 -2.66 0.00	24.85 -2.46 0.00	26.86 -2.64 0.00	27.92 -2.91 0.00	33.30 -3.84 0.00	41.14 -4.16 0.00	38.32 -2.85 0.00	35.65 -3.22 0.00	31.86 -3.21 0.00	33.98 -3.48 0.00	33.82 -4.57 0.00	34.06 -4.03 0.00	35.25 -3.15 0.00
NM_ST_REGIS___HYD 24053	31.81 0.42 0.00	26.94 0.33 0.00	25.69 0.30 0.00	24.70 0.26 0.00	27.37 0.31 0.00	34.30 0.45 0.00	44.28 0.68 0.00	36.51 0.34 0.00	29.04 0.28 0.00	26.41 0.11 0.00	29.21 -0.09 0.00	29.48 -0.16 0.00	27.27 -0.04 0.00	29.64 0.14 0.00	30.79 -0.03 0.00	37.03 -0.11 0.00	44.78 -0.52 0.00	39.64 -1.52 0.00	38.08 -0.80 0.00	34.31 -0.75 0.00	37.04 -0.41 0.00	38.66 0.26 0.00	38.29 0.19 0.00	38.71 0.31 0.00

NORTHPORT___1 23551	33.26 1.87 0.00	28.16 1.54 0.00	26.72 1.33 0.00	25.82 1.37 0.00	28.62 1.57 0.00	35.74 1.89 0.00	46.58 2.98 0.00	38.90 2.73 0.00	30.83 2.06 0.00	28.01 1.70 0.00	31.56 2.27 0.00	32.01 2.36 0.00	29.51 2.20 0.00	31.68 2.18 0.00	33.13 2.31 0.00	40.11 2.97 0.00	81.13 4.12 -31.71	94.51 4.23 -49.12	42.60 3.73 0.00	39.12 3.42 -0.64	40.68 3.22 0.00	41.08 2.69 0.00	40.74 2.64 0.00	40.97 2.58 0.00
NORTHPORT___2 23552	33.26 1.87 0.00	28.16 1.54 0.00	26.72 1.33 0.00	25.82 1.37 0.00	28.62 1.57 0.00	35.74 1.89 0.00	46.58 2.98 0.00	38.90 2.73 0.00	30.83 2.06 0.00	28.01 1.70 0.00	31.56 2.27 0.00	32.01 2.36 0.00	29.51 2.20 0.00	31.68 2.18 0.00	33.13 2.31 0.00	40.11 2.97 0.00	81.13 4.12 -31.71	94.51 4.23 -49.12	42.60 3.73 0.00	39.12 3.42 -0.64	40.68 3.22 0.00	41.08 2.69 0.00	40.74 2.64 0.00	40.97 2.58 0.00
NORTHPORT___3 23553	33.05 1.66 0.00	28.00 1.39 0.00	26.58 1.19 0.00	25.66 1.22 0.00	28.44 1.39 0.00	35.47 1.62 0.00	46.13 2.53 0.00	38.58 2.41 0.00	30.61 1.85 0.00	27.90 1.60 0.00	31.39 2.10 0.00	31.84 2.19 0.00	29.34 2.04 0.00	31.49 1.99 0.00	32.91 2.08 0.00	39.76 2.62 0.00	80.66 3.65 -31.71	94.09 3.80 -49.12	42.30 3.42 0.00	38.81 3.12 -0.64	40.40 2.94 0.00	40.86 2.46 0.00	40.47 2.37 0.00	40.69 2.30 0.00
NORTHPORT___4 23650	33.05 1.66 0.00	28.00 1.39 0.00	26.58 1.19 0.00	25.66 1.22 0.00	28.44 1.39 0.00	35.47 1.62 0.00	46.13 2.53 0.00	38.58 2.41 0.00	30.61 1.85 0.00	27.90 1.60 0.00	31.39 2.10 0.00	31.84 2.19 0.00	29.34 2.04 0.00	31.49 1.99 0.00	32.91 2.08 0.00	39.76 2.62 0.00	80.66 3.65 -31.71	94.09 3.80 -49.12	42.30 3.42 0.00	38.81 3.12 -0.64	40.40 2.94 0.00	40.86 2.46 0.00	40.47 2.37 0.00	40.69 2.30 0.00
NORTHPORT___IC 23718	33.26 1.87 0.00	28.16 1.54 0.00	26.72 1.33 0.00	25.82 1.37 0.00	28.62 1.57 0.00	35.74 1.89 0.00	46.58 2.98 0.00	38.90 2.73 0.00	30.83 2.06 0.00	28.01 1.70 0.00	31.56 2.27 0.00	32.01 2.36 0.00	29.51 2.20 0.00	31.68 2.18 0.00	33.13 2.31 0.00	40.11 2.97 0.00	81.13 4.12 -31.71	94.51 4.23 -49.12	42.60 3.73 0.00	39.12 3.42 -0.64	40.68 3.22 0.00	41.08 2.69 0.00	40.74 2.64 0.00	40.97 2.58 0.00
NORTH___COUNTRY_ESR 323785	32.36 0.96 0.00	27.41 0.79 0.00	26.10 0.71 0.00	25.11 0.66 0.00	27.86 0.80 0.00	34.87 1.02 0.00	44.92 1.32 0.00	37.09 0.91 0.00	29.49 0.73 0.00	26.96 0.65 0.00	29.91 0.62 0.00	30.24 0.59 0.00	27.93 0.62 0.00	30.35 0.85 0.00	31.53 0.70 0.00	37.85 0.71 0.00	45.76 0.46 0.00	41.06 -0.11 0.00	38.93 0.05 0.00	35.05 -0.01 0.00	37.74 0.28 0.00	39.21 0.82 0.00	39.00 0.90 0.00	39.43 1.03 0.00
NPX_GEN_1385_PROXY 323591	32.67 1.27 0.00	27.74 1.13 0.00	26.28 0.90 0.00	25.52 1.08 0.00	28.28 1.23 0.00	35.07 1.23 0.00	45.90 2.30 0.00	38.17 1.99 0.00	30.85 1.61 -0.48	27.43 1.13 0.00	31.45 2.16 0.00	32.01 2.37 0.00	29.67 2.36 0.00	31.85 2.34 0.00	33.22 2.39 0.00	40.49 2.85 -0.49	88.41 4.31 -38.80	95.02 4.73 -49.12	42.13 3.25 0.00	38.82 3.12 -0.64	40.21 2.75 0.00	40.32 1.93 0.00	40.68 2.58 0.00	41.09 2.69 0.00
NPX_GEN_CSC 323557	33.67 2.27 0.00	28.47 1.85 0.00	27.01 1.63 0.00	26.09 1.64 0.00	28.93 1.88 0.00	36.21 2.36 0.00	47.28 3.69 0.00	39.51 3.34 0.00	31.53 2.28 -0.48	28.04 1.74 0.00	31.35 2.06 0.00	31.83 2.18 0.00	29.31 2.00 0.00	31.51 2.00 0.00	33.04 2.21 0.00	40.78 3.14 -0.49	88.42 4.33 -38.80	94.50 4.21 -49.12	42.70 3.82 0.00	39.16 3.46 -0.64	40.72 3.26 0.00	41.14 2.74 0.00	40.67 2.57 0.00	40.96 2.57 0.00
NSINS_S_GLNS_FALLS 23858	33.05 1.65 0.00	27.94 1.33 0.00	26.64 1.25 0.00	25.72 1.28 0.00	28.55 1.49 0.00	35.81 1.96 0.00	46.44 2.84 0.00	38.81 2.64 0.00	30.85 2.09 0.00	28.17 1.86 0.00	31.44 2.15 0.00	31.81 2.17 0.00	29.07 1.77 0.00	31.18 1.68 0.00	32.52 1.70 0.00	39.36 2.22 0.00	48.39 3.09 0.00	44.18 3.02 0.00	41.66 2.78 0.00	37.49 2.43 0.00	39.63 2.17 0.00	40.36 1.97 0.00	39.96 1.86 0.00	40.10 1.71 0.00
NUCOR_STEEL___DRP 24197	31.18 -0.22 0.00	26.44 -0.18 0.00	25.25 -0.14 0.00	24.31 -0.13 0.00	26.87 -0.19 0.00	33.55 -0.30 0.00	43.20 -0.40 0.00	36.85 -0.31 -0.99	28.54 -0.22 0.00	26.15 -0.16 0.00	29.10 -0.19 0.00	29.41 -0.24 0.00	27.03 -0.28 0.00	29.15 -0.36 0.00	30.52 -0.30 0.00	36.91 -0.24 0.00	45.47 0.18 0.00	41.58 0.42 0.00	39.15 0.27 0.00	35.26 0.20 0.00	37.51 0.05 0.00	38.12 -0.27 0.00	37.82 -0.27 0.00	38.11 -0.29 0.00
NUMBER_THREE_WT_PWR 323818	31.47 0.07 0.00	26.50 -0.11 0.00	25.04 -0.34 0.00	24.10 -0.34 0.00	26.72 -0.34 0.00	33.82 -0.02 0.00	44.17 0.57 0.00	36.54 0.37 0.00	29.17 0.41 0.00	26.48 0.18 0.00	29.28 -0.01 0.00	29.62 -0.02 0.00	27.35 0.04 0.00	29.50 0.00 0.00	30.85 0.03 0.00	37.55 0.41 0.00	46.25 0.95 0.00	41.91 0.75 0.00	39.73 0.85 0.00	35.86 0.80 0.00	38.46 1.00 0.00	39.45 1.05 0.00	39.06 0.96 0.00	39.31 0.92 0.00
NYISO_LBMP_REFERENCE 24008	31.40 0.00 0.00	26.62 0.00 0.00	25.38 0.00 0.00	24.44 0.00 0.00	27.06 0.00 0.00	33.85 0.00 0.00	43.60 0.00 0.00	36.17 0.00 0.00	28.76 0.00 0.00	26.31 0.00 0.00	29.29 0.00 0.00	29.65 0.00 0.00	27.31 0.00 0.00	29.50 0.00 0.00	30.82 0.00 0.00	37.14 0.00 0.00	45.30 0.00 0.00	41.17 0.00 0.00	38.88 0.00 0.00	35.06 0.00 0.00	37.46 0.00 0.00	38.39 0.00 0.00	38.10 0.00 0.00	38.40 0.00 0.00
NYPA_BRENTWD___GT 24164	33.65 2.25 0.00	28.45 1.84 0.00	27.00 1.61 0.00	26.07 1.63 0.00	28.91 1.85 0.00	36.16 2.31 0.00	47.19 3.59 0.00	39.45 3.28 0.00	31.23 2.47 0.00	28.35 2.04 0.00	31.82 2.53 0.00	32.26 2.62 0.00	29.73 2.42 0.00	31.92 2.42 0.00	33.45 2.63 0.00	40.58 3.44 0.00	81.73 4.72 -31.71	94.97 4.68 -49.12	43.11 4.23 0.00	39.62 3.93 -0.64	41.27 3.81 0.00	41.66 3.27 0.00	41.21 3.11 0.00	41.39 3.00 0.00
NYPA_GOWANUS___GT5 24156	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00
NYPA_GOWANUS___GT6 24157	32.65 1.25 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.35 0.91 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.40 2.23 0.00	30.55 1.79 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.17 1.86 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.51 3.22 0.00	44.58 3.42 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.12 2.66 0.00	40.57 2.17 0.00	40.04 1.94 0.00	40.19 1.80 0.00

NYPA_HARLEM__RVR__GT1 24160	32.55 1.15 0.00	27.57 0.95 0.00	26.34 0.96 0.00	25.33 0.89 0.00	28.01 0.96 0.00	35.19 1.35 0.00	45.77 2.17 0.00	38.38 2.21 0.00	30.55 1.79 0.00	27.84 1.54 0.00	31.14 1.85 0.00	31.62 1.98 0.00	29.16 1.86 0.00	31.18 1.67 0.00	32.63 1.81 0.00	39.40 2.25 0.00	48.51 3.22 0.00	44.51 3.35 0.00	42.01 3.13 0.00	37.94 2.88 0.00	40.03 2.58 0.00	40.54 2.15 0.00	39.96 1.86 0.00	40.09 1.70 0.00
NYPA_HARLEM__RVR__GT2 24161	32.55 1.15 0.00	27.57 0.95 0.00	26.34 0.96 0.00	25.33 0.89 0.00	28.01 0.96 0.00	35.19 1.35 0.00	45.77 2.17 0.00	38.38 2.21 0.00	30.55 1.79 0.00	27.84 1.54 0.00	31.14 1.85 0.00	31.62 1.98 0.00	29.16 1.86 0.00	31.18 1.67 0.00	32.63 1.81 0.00	39.40 2.25 0.00	48.51 3.22 0.00	44.51 3.35 0.00	42.01 3.13 0.00	37.94 2.88 0.00	40.03 2.58 0.00	40.54 2.15 0.00	39.96 1.86 0.00	40.09 1.70 0.00
NYPA_KENT____GT 24152	32.73 1.33 0.00	27.70 1.08 0.00	26.41 1.02 0.00	25.42 0.98 0.00	28.19 1.13 0.00	35.38 1.53 0.00	46.01 2.41 0.00	38.51 2.34 0.00	30.66 1.90 0.00	27.97 1.67 0.00	31.31 2.01 0.00	31.78 2.14 0.00	29.28 1.97 0.00	31.33 1.83 0.00	32.75 1.93 0.00	39.58 2.44 0.00	48.74 3.44 0.00	44.72 3.55 0.00	42.23 3.35 0.00	38.11 3.05 0.00	40.26 2.80 0.00	40.73 2.34 0.00	40.19 2.09 0.00	40.31 1.91 0.00
NYPA_POUCH1____GT 24155	32.70 1.30 0.00	27.66 1.05 0.00	26.37 0.99 0.00	25.38 0.94 0.00	28.18 1.12 0.00	35.38 1.53 0.00	46.01 2.42 0.00	38.45 2.28 0.00	30.57 1.81 0.00	27.82 1.52 0.00	31.24 1.95 0.00	31.69 2.04 0.00	29.18 1.87 0.00	31.19 1.69 0.00	31.65 1.78 0.95	39.35 2.21 0.01	48.55 3.25 0.00	44.64 3.47 0.00	42.15 3.27 0.00	38.02 2.95 0.00	40.15 2.69 0.00	40.61 2.21 0.00	40.09 1.99 0.00	40.24 1.85 0.00
NYPA_VERNON____GT2 24162	32.63 1.24 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.37 0.92 0.00	28.12 1.07 0.00	35.26 1.42 0.00	45.86 2.27 0.00	38.42 2.25 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.69 2.04 0.00	29.20 1.89 0.00	31.25 1.75 0.00	32.69 1.87 0.00	39.51 2.37 0.00	48.63 3.33 0.00	44.60 3.44 0.00	42.12 3.25 0.00	37.99 2.93 0.00	40.13 2.68 0.00	40.62 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
NYPA_VERNON____GT3 24163	32.63 1.24 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.37 0.92 0.00	28.12 1.07 0.00	35.26 1.42 0.00	45.86 2.27 0.00	38.42 2.25 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.69 2.04 0.00	29.20 1.89 0.00	31.25 1.75 0.00	32.69 1.87 0.00	39.51 2.37 0.00	48.63 3.33 0.00	44.60 3.44 0.00	42.12 3.25 0.00	37.99 2.93 0.00	40.13 2.68 0.00	40.62 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
NYPA__ASTORIA_CC1 323568	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.94 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.19 1.88 0.00	31.23 1.73 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.59 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
NYPA__ASTORIA_CC2 323569	32.61 1.21 0.00	27.60 0.98 0.00	26.32 0.94 0.00	25.34 0.90 0.00	28.09 1.04 0.00	35.24 1.39 0.00	45.84 2.24 0.00	38.40 2.22 0.00	30.57 1.81 0.00	27.92 1.61 0.00	31.20 1.90 0.00	31.66 2.02 0.00	29.19 1.88 0.00	31.23 1.73 0.00	32.67 1.84 0.00	39.48 2.33 0.00	48.59 3.29 0.00	44.58 3.42 0.00	42.09 3.22 0.00	37.97 2.91 0.00	40.10 2.64 0.00	40.59 2.20 0.00	40.04 1.94 0.00	40.16 1.77 0.00
NYPA__HOLTSVILL 23794	33.51 2.12 0.00	28.34 1.72 0.00	26.89 1.51 0.00	25.98 1.53 0.00	28.80 1.75 0.00	36.03 2.18 0.00	47.02 3.43 0.00	39.29 3.12 0.00	31.03 2.27 0.00	28.12 1.81 0.00	31.51 2.22 0.00	31.96 2.32 0.00	29.44 2.13 0.00	31.63 2.13 0.00	33.14 2.32 0.00	40.29 3.15 0.00	81.39 4.38 -31.71	94.65 4.36 -49.12	42.83 3.95 0.00	39.30 3.60 -0.64	40.88 3.42 0.00	41.29 2.90 0.00	40.84 2.74 0.00	41.06 2.66 0.00
NYPA__HELLGATE_GT1 24158	32.55 1.15 0.00	27.57 0.95 0.00	26.34 0.96 0.00	25.33 0.89 0.00	28.01 0.96 0.00	35.19 1.35 0.00	45.77 2.18 0.00	38.37 2.20 0.00	30.55 1.79 0.00	27.84 1.54 0.00	31.14 1.85 0.00	31.62 1.98 0.00	29.16 1.86 0.00	31.18 1.67 0.00	32.63 1.81 0.00	39.40 2.25 0.00	48.51 3.22 0.00	44.51 3.35 0.00	42.01 3.13 0.00	37.94 2.88 0.00	40.03 2.58 0.00	40.54 2.15 0.00	39.96 1.86 0.00	40.09 1.70 0.00
NYPA__HELLGATE_GT2 24159	32.55 1.15 0.00	27.57 0.95 0.00	26.34 0.96 0.00	25.33 0.89 0.00	28.01 0.96 0.00	35.19 1.35 0.00	45.77 2.18 0.00	38.37 2.20 0.00	30.55 1.79 0.00	27.84 1.54 0.00	31.14 1.85 0.00	31.62 1.98 0.00	29.16 1.86 0.00	31.18 1.67 0.00	32.63 1.81 0.00	39.40 2.25 0.00	48.51 3.22 0.00	44.51 3.35 0.00	42.01 3.13 0.00	37.94 2.88 0.00	40.03 2.58 0.00	40.54 2.15 0.00	39.96 1.86 0.00	40.09 1.70 0.00
NYS_BARGE__HYD 23848	29.75 -1.65 0.00	25.22 -1.40 0.00	23.79 -1.59 0.00	22.86 -1.58 0.00	25.05 -2.01 0.00	31.46 -2.39 0.00	39.72 -3.88 0.00	31.46 -3.93 0.79	25.93 -2.83 0.00	24.32 -1.99 0.00	27.14 -2.16 0.00	27.64 -2.00 0.00	25.43 -1.88 0.00	20.44 -2.03 7.03	28.54 -2.28 0.00	34.10 -3.05 0.00	42.35 -2.95 0.00	33.66 -1.83 5.68	33.12 -2.21 3.55	31.68 -2.25 1.14	33.03 -2.52 1.91	34.56 -3.53 0.30	35.06 -3.04 0.00	35.62 -2.35 0.43
OAK ORCHARD__HYD 24046	30.38 -1.02 0.00	25.77 -0.85 0.00	24.40 -0.98 0.00	23.48 -0.97 0.00	25.85 -1.21 0.00	32.43 -1.42 0.00	41.40 -2.20 0.00	32.98 -2.11 1.08	27.24 -1.52 0.00	25.28 -1.03 0.00	28.21 -1.08 0.00	28.66 -0.98 0.00	26.34 -0.97 0.00	24.91 -1.11 3.48	29.58 -1.24 0.00	35.56 -1.58 0.00	44.02 -1.28 0.00	37.52 -0.54 3.10	36.10 -0.84 1.94	33.53 -0.91 0.62	35.31 -1.11 1.04	36.45 -1.78 0.16	36.54 -1.56 0.00	36.89 -1.27 0.23
OAKDALE__35_KV_LOAD 356122	31.33 -0.07 0.00	26.55 -0.07 0.00	25.23 -0.16 0.00	24.30 -0.15 0.00	26.88 -0.18 0.00	33.68 -0.17 0.00	43.42 -0.17 0.00	36.92 -0.03 -0.79	28.73 -0.03 0.00	26.31 0.00 0.00	29.37 0.08 0.00	29.77 0.12 0.00	27.33 0.02 0.00	29.45 -0.05 0.00	30.85 0.03 0.00	37.28 0.14 0.00	45.91 0.62 0.00	41.80 0.63 0.00	39.35 0.48 0.00	35.44 0.38 0.00	37.67 0.20 0.00	38.23 -0.16 0.00	37.98 -0.12 0.00	38.31 -0.08 0.00
OCC_CHEM__DRP 24175	29.34 -2.06 0.00	24.89 -1.72 0.00	23.48 -1.90 0.00	22.58 -1.87 0.00	24.71 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.65 0.72	25.37 -3.39 0.00	23.81 -2.50 0.00	26.55 -2.74 0.00	27.04 -2.60 0.00	24.90 -2.41 0.00	26.92 -2.59 0.00	27.98 -2.84 0.00	33.37 -3.77 0.00	41.25 -4.04 0.00	38.41 -2.76 0.00	35.74 -3.14 0.00	31.93 -3.13 0.00	34.06 -3.40 0.00	33.92 -4.47 0.00	34.15 -3.95 0.00	35.32 -3.08 0.00

OH_GEN_PROXY 24063	29.40 -2.00 0.00	24.96 -1.66 0.00	38.42 -1.83 -14.87	22.64 -1.80 0.00	24.81 -2.24 0.00	31.11 -2.74 0.00	39.29 -4.31 0.00	31.26 -4.19 0.72	26.15 -3.10 -0.48	24.03 -2.27 0.00	26.85 -2.44 0.00	44.72 -2.28 -17.36	43.12 -2.13 -17.94	19.39 -2.31 7.80	28.29 -2.53 0.00	34.30 -3.34 -0.49	73.56 -3.40 -31.66	32.57 -2.37 6.23	32.27 -2.72 3.89	31.13 -2.68 1.25	32.41 -2.95 2.10	34.18 -3.88 0.33	34.72 -3.38 0.00	35.19 -2.73 0.47
OLIN_CORP_DRP 24177	29.23 -2.17 0.00	24.78 -1.83 0.00	23.39 -2.00 0.00	22.48 -1.97 0.00	24.59 -2.47 0.00	30.88 -2.97 0.00	38.93 -4.66 0.00	30.89 -4.56 0.72	25.43 -3.34 0.00	23.85 -2.45 0.00	26.60 -2.69 0.00	27.10 -2.55 0.00	24.94 -2.37 0.00	26.96 -2.55 0.00	28.02 -2.81 0.00	33.42 -3.72 0.00	41.50 -3.80 0.00	38.47 -2.70 0.00	35.87 -3.01 0.00	32.12 -2.94 0.00	34.24 -3.22 0.00	34.19 -4.21 0.00	34.41 -3.69 0.00	35.42 -2.98 0.00
OLIN_CORP_DSASP 323712	29.34 -2.06 0.00	24.90 -1.72 0.00	23.48 -1.90 0.00	22.57 -1.88 0.00	24.70 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.64 0.72	25.37 -3.39 0.00	23.80 -2.50 0.00	26.55 -2.74 0.00	27.05 -2.60 0.00	24.90 -2.41 0.00	19.17 -2.58 7.75	27.98 -2.84 0.00	33.37 -3.77 0.00	41.26 -4.04 0.00	32.26 -2.71 6.19	31.92 -3.09 3.87	30.71 -3.11 1.24	31.99 -3.39 2.08	33.60 -4.47 0.33	34.14 -3.95 0.00	34.86 -3.07 0.46
ONEIDA_HERK_LFGE 323681	31.92 0.52 0.00	26.97 0.35 0.00	25.61 0.22 0.00	24.66 0.21 0.00	27.33 0.27 0.00	34.40 0.55 0.00	44.69 1.09 0.00	37.11 0.94 0.00	29.55 0.78 0.00	26.91 0.60 0.00	29.84 0.55 0.00	30.15 0.51 0.00	27.75 0.44 0.00	29.93 0.43 0.00	31.34 0.52 0.00	38.05 0.91 0.00	46.82 1.52 0.00	42.62 1.45 0.00	40.28 1.40 0.00	36.34 1.28 0.00	38.80 1.35 0.00	39.66 1.27 0.00	39.27 1.17 0.00	39.49 1.10 0.00
ONEIDA___115KV_TB4 55905	32.13 0.73 0.00	27.20 0.58 0.00	25.87 0.48 0.00	24.91 0.47 0.00	27.61 0.55 0.00	34.66 0.81 0.00	44.91 1.31 0.00	37.36 1.19 0.00	29.71 0.95 0.00	27.10 0.79 0.00	30.05 0.76 0.00	30.32 0.68 0.00	27.85 0.54 0.00	30.03 0.52 0.00	31.46 0.64 0.00	38.18 1.03 0.00	47.11 1.81 0.00	43.01 1.84 0.00	40.57 1.69 0.00	36.58 1.52 0.00	38.95 1.49 0.00	39.67 1.27 0.00	39.28 1.18 0.00	39.51 1.12 0.00
ONONDAGA_REF_OCCRA 23987	31.05 -0.35 0.00	26.31 -0.30 0.00	25.04 -0.34 0.00	24.12 -0.32 0.00	26.68 -0.38 0.00	33.42 -0.43 0.00	43.02 -0.57 0.00	36.20 -0.42 -0.45	28.44 -0.32 0.00	26.06 -0.25 0.00	29.01 -0.29 0.00	29.33 -0.31 0.00	26.95 -0.36 0.00	29.06 -0.44 0.00	30.42 -0.40 0.00	36.77 -0.37 0.00	45.26 -0.04 0.00	41.35 0.18 0.00	38.95 0.07 0.00	35.09 0.03 0.00	37.34 -0.12 0.00	37.98 -0.42 0.00	37.67 -0.43 0.00	37.94 -0.46 0.00
ONONDAGA___COGEN 23986	30.99 -0.41 0.00	26.27 -0.34 0.00	25.02 -0.37 0.00	24.10 -0.35 0.00	26.65 -0.41 0.00	33.36 -0.49 0.00	42.96 -0.64 0.00	36.50 -0.49 -0.82	28.38 -0.38 0.00	26.01 -0.30 0.00	28.94 -0.36 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.03 -0.47 0.00	30.38 -0.44 0.00	36.73 -0.42 0.00	45.16 -0.14 0.00	41.25 0.09 0.00	38.86 -0.02 0.00	35.02 -0.05 0.00	37.26 -0.20 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.87 -0.53 0.00
ONTARIO___LFGE 23819	31.25 -0.15 0.00	26.50 -0.11 0.00	25.13 -0.26 0.00	24.20 -0.24 0.00	26.74 -0.32 0.00	33.53 -0.32 0.00	43.06 -0.53 0.00	46.11 -0.10 -10.04	28.79 0.03 0.00	26.44 0.13 0.00	29.39 0.10 0.00	29.68 0.04 0.00	27.20 -0.10 0.00	29.30 -0.20 0.00	30.70 -0.12 0.00	37.19 0.04 0.00	46.03 0.74 0.00	42.04 0.87 0.00	39.52 0.64 0.00	35.54 0.48 0.00	37.73 0.27 0.00	38.19 -0.20 0.00	37.89 -0.21 0.00	38.22 -0.18 0.00
ORANGEVILLE_WT_PWR 323706	30.55 -0.85 0.00	25.88 -0.74 0.00	24.42 -0.97 0.00	23.49 -0.95 0.00	25.80 -1.25 0.00	32.34 -1.51 0.00	41.24 -2.36 0.00	37.81 -0.04 -1.68	28.77 0.00 0.00	26.33 0.02 0.00	29.50 0.21 0.00	29.91 0.26 0.00	27.43 0.12 0.00	37.54 0.06 -7.98	31.01 0.18 0.00	37.66 0.52 0.00	46.81 1.51 0.00	49.45 0.57 -7.72	44.01 0.32 -4.82	36.82 0.22 -1.54	39.89 -0.17 -2.60	38.18 -0.62 -0.41	37.58 -0.52 0.00	38.47 -0.51 -0.58
ORANGEVILLE___ESR 323794	30.55 -0.85 0.00	25.88 -0.74 0.00	24.42 -0.97 0.00	23.49 -0.95 0.00	25.80 -1.25 0.00	32.34 -1.51 0.00	41.24 -2.36 0.00	37.81 -0.04 -1.68	28.77 0.00 0.00	26.33 0.02 0.00	29.50 0.21 0.00	29.91 0.26 0.00	27.43 0.12 0.00	37.54 0.06 -7.98	31.01 0.18 0.00	37.66 0.52 0.00	46.81 1.51 0.00	49.45 0.57 -7.72	44.01 0.32 -4.82	36.82 0.22 -1.54	39.89 -0.17 -2.60	38.18 -0.62 -0.41	37.58 -0.52 0.00	38.47 -0.51 -0.58
OSWEGATCHIE___HYD 24044	31.16 -0.23 0.00	26.32 -0.29 0.00	25.01 -0.38 0.00	24.03 -0.41 0.00	26.64 -0.41 0.00	33.57 -0.29 0.00	43.59 -0.01 0.00	36.01 -0.16 0.00	28.67 -0.09 0.00	26.01 -0.30 0.00	28.74 -0.55 0.00	29.03 -0.61 0.00	26.85 -0.46 0.00	29.05 -0.45 0.00	30.28 -0.54 0.00	36.68 -0.46 0.00	44.81 -0.48 0.00	40.10 -1.07 0.00	38.31 -0.57 0.00	34.56 -0.50 0.00	37.18 -0.28 0.00	38.47 0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00
OSWEGO___5 23606	30.46 -0.94 0.00	25.83 -0.79 0.00	24.60 -0.79 0.00	23.69 -0.75 0.00	26.19 -0.86 0.00	32.76 -1.09 0.00	42.14 -1.46 0.00	34.98 -1.19 0.00	27.84 -0.93 0.00	25.51 -0.79 0.00	28.40 -0.90 0.00	28.74 -0.90 0.00	26.45 -0.86 0.00	28.53 -0.97 0.00	29.84 -0.99 0.00	36.01 -1.13 0.00	44.18 -1.12 0.00	40.31 -0.85 0.00	37.99 -0.88 0.00	34.25 -0.81 0.00	36.48 -0.98 0.00	37.18 -1.21 0.00	36.90 -1.20 0.00	37.19 -1.21 0.00
OSWEGO___6 23613	30.46 -0.94 0.00	25.83 -0.79 0.00	24.60 -0.79 0.00	23.69 -0.75 0.00	26.19 -0.86 0.00	32.76 -1.09 0.00	42.14 -1.46 0.00	34.98 -1.19 0.00	27.84 -0.93 0.00	25.51 -0.79 0.00	28.40 -0.90 0.00	28.74 -0.90 0.00	26.45 -0.86 0.00	28.53 -0.97 0.00	29.84 -0.99 0.00	36.01 -1.13 0.00	44.18 -1.12 0.00	40.31 -0.85 0.00	37.99 -0.88 0.00	34.25 -0.81 0.00	36.48 -0.98 0.00	37.18 -1.21 0.00	36.90 -1.20 0.00	37.19 -1.21 0.00
OUTOKUMPU-AB___DRP 24206	30.11 -1.29 0.00	25.54 -1.08 0.00	24.09 -1.29 0.00	23.17 -1.28 0.00	25.38 -1.68 0.00	31.87 -1.98 0.00	40.24 -3.35 0.00	31.93 -3.53 0.71	26.23 -2.53 0.00	24.60 -1.70 0.00	27.44 -1.85 0.00	27.95 -1.70 0.00	25.72 -1.59 0.00	27.79 -1.72 0.00	28.89 -1.94 0.00	34.48 -2.66 0.00	42.78 -2.52 0.00	39.72 -1.44 0.00	37.00 -1.87 0.00	33.10 -1.96 0.00	35.27 -2.19 0.00	35.18 -3.21 0.00	35.37 -2.73 0.00	36.37 -2.02 0.00
OXBOW___BTM 323836	29.82 -1.58 0.00	25.29 -1.33 0.00	23.86 -1.52 0.00	22.94 -1.51 0.00	25.12 -1.94 0.00	31.53 -2.32 0.00	39.75 -3.85 0.00	31.47 -3.99 0.72	25.89 -2.87 0.00	24.29 -2.01 0.00	27.09 -2.20 0.00	27.59 -2.05 0.00	25.40 -1.92 0.00	27.44 -2.06 0.00	28.53 -2.29 0.00	34.04 -3.10 0.00	42.17 -3.13 0.00	39.21 -1.95 0.00	36.50 -2.38 0.00	32.64 -2.42 0.00	34.79 -2.67 0.00	34.67 -3.72 0.00	34.88 -3.22 0.00	35.97 -2.43 0.00

OXBOW____ 24026	29.82 -1.58 0.00	25.29 -1.33 0.00	23.86 -1.52 0.00	22.92 -1.52 0.00	25.11 -1.94 0.00	31.53 -2.32 0.00	39.74 -3.86 0.00	31.48 -3.98 0.72	25.89 -2.87 0.00	24.29 -2.01 0.00	27.09 -2.20 0.00	27.59 -2.05 0.00	25.39 -1.92 0.00	19.60 -2.06 7.84	28.53 -2.29 0.00	34.04 -3.10 0.00	42.17 -3.13 0.00	33.00 -1.90 6.27	32.64 -2.33 3.91	31.41 -2.40 1.25	32.69 -2.66 2.11	34.34 -3.72 0.33	34.88 -3.22 0.00	35.50 -2.43 0.47
OXY_CHEM_DSASP 323612	29.34 -2.06 0.00	24.89 -1.72 0.00	23.48 -1.90 0.00	22.58 -1.87 0.00	24.71 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.65 0.72	25.37 -3.39 0.00	23.81 -2.50 0.00	26.55 -2.74 0.00	27.04 -2.60 0.00	24.90 -2.41 0.00	26.92 -2.59 0.00	27.98 -2.84 0.00	33.37 -3.77 0.00	41.25 -4.04 0.00	38.41 -2.76 0.00	35.74 -3.14 0.00	31.93 -3.13 0.00	34.06 -3.40 0.00	33.92 -4.47 0.00	34.15 -3.95 0.00	35.32 -3.08 0.00
OZONE_PARK_ESR 323760	32.92 1.52 0.00	27.87 1.26 0.00	26.55 1.16 0.00	25.59 1.14 0.00	28.37 1.32 0.00	35.57 1.72 0.00	46.29 2.69 0.00	38.77 2.59 0.00	30.85 2.08 0.00	28.16 1.85 0.00	31.47 2.18 0.00	31.94 2.29 0.00	29.42 2.11 0.00	31.53 2.02 0.00	32.94 2.12 0.00	39.85 2.71 0.00	49.04 3.74 0.00	45.02 3.86 0.00	42.52 3.64 0.00	38.35 3.29 0.00	40.54 3.08 0.00	41.02 2.63 0.00	40.49 2.39 0.00	40.57 2.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.34 -2.06 0.00	24.89 -1.72 0.00	23.48 -1.90 0.00	22.58 -1.87 0.00	24.71 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.65 0.72	25.37 -3.39 0.00	23.81 -2.50 0.00	26.55 -2.74 0.00	27.04 -2.60 0.00	24.90 -2.41 0.00	26.92 -2.59 0.00	27.98 -2.84 0.00	33.37 -3.77 0.00	41.25 -4.04 0.00	38.41 -2.76 0.00	35.74 -3.14 0.00	31.93 -3.13 0.00	34.06 -3.40 0.00	33.92 -4.47 0.00	34.15 -3.95 0.00	35.32 -3.08 0.00
PACKARD__115KV_DUPONT_184 80571	29.34 -2.06 0.00	24.89 -1.72 0.00	23.48 -1.90 0.00	22.58 -1.87 0.00	24.71 -2.35 0.00	31.00 -2.85 0.00	38.99 -4.61 0.00	30.80 -4.65 0.72	25.37 -3.39 0.00	23.81 -2.50 0.00	26.55 -2.74 0.00	27.04 -2.60 0.00	24.90 -2.41 0.00	26.92 -2.59 0.00	27.98 -2.84 0.00	33.37 -3.77 0.00	41.25 -4.04 0.00	38.41 -2.76 0.00	35.74 -3.14 0.00	31.93 -3.13 0.00	34.06 -3.40 0.00	33.92 -4.47 0.00	34.15 -3.95 0.00	35.32 -3.08 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.59 1.19 0.00	27.60 0.98 0.00	26.34 0.96 0.00	25.34 0.89 0.00	28.06 1.00 0.00	35.24 1.39 0.00	45.86 2.26 0.00	38.44 2.26 0.00	30.58 1.81 0.00	27.86 1.55 0.00	31.17 1.88 0.00	31.64 2.00 0.00	29.18 1.88 0.00	31.19 1.68 0.00	32.65 1.83 0.00	39.43 2.28 0.00	48.56 3.26 0.00	44.56 3.39 0.00	42.06 3.18 0.00	37.96 2.90 0.00	40.08 2.62 0.00	40.59 2.19 0.00	40.02 1.92 0.00	40.16 1.76 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.85 1.45 0.00	27.83 1.22 0.00	26.56 1.17 0.00	25.55 1.11 0.00	28.29 1.24 0.00	35.55 1.70 0.00	46.22 2.62 0.00	38.74 2.57 0.00	30.81 2.04 0.00	28.04 1.74 0.00	31.35 2.06 0.00	31.84 2.19 0.00	29.36 2.05 0.00	31.36 1.86 0.00	32.84 2.02 0.00	39.66 2.51 0.00	48.85 3.55 0.00	44.87 3.70 0.00	42.33 3.45 0.00	38.20 3.15 0.00	40.32 2.86 0.00	40.81 2.42 0.00	40.25 2.15 0.00	40.41 2.01 0.00
PATROON__115KV_TB1 80586	31.74 0.34 0.00	26.89 0.28 0.00	25.64 0.25 0.00	24.70 0.26 0.00	27.40 0.34 0.00	34.28 0.43 0.00	44.33 0.74 0.00	36.95 0.78 0.00	29.35 0.59 0.00	26.82 0.52 0.00	29.98 0.68 0.00	30.31 0.67 0.00	27.93 0.62 0.00	30.12 0.62 0.00	31.64 0.82 0.00	38.27 1.12 0.00	46.84 1.55 0.00	42.83 1.66 0.00	40.39 1.51 0.00	36.45 1.39 0.00	38.65 1.19 0.00	39.39 1.00 0.00	38.98 0.88 0.00	39.14 0.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.89 -0.51 0.00	26.21 -0.41 0.00	24.73 -0.66 0.00	23.81 -0.63 0.00	26.14 -0.91 0.00	32.80 -1.05 0.00	41.49 -2.11 0.00	33.25 -2.34 0.58	27.12 -1.65 0.00	25.35 -0.96 0.00	28.40 -0.89 0.00	28.94 -0.71 0.00	26.60 -0.71 0.00	28.74 -0.77 0.00	29.89 -0.93 0.00	35.78 -1.36 0.00	44.43 -0.87 0.00	41.06 -0.11 0.00	38.32 -0.56 0.00	34.30 -0.76 0.00	36.57 -0.89 0.00	36.53 -1.87 0.00	36.72 -1.38 0.00	37.55 -0.85 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.90 1.50 0.00	27.86 1.24 0.00	26.54 1.15 0.00	25.57 1.12 0.00	28.36 1.31 0.00	35.52 1.67 0.00	46.20 2.60 0.00	38.63 2.46 0.00	30.69 1.93 0.00	27.98 1.68 0.00	31.28 1.99 0.00	31.71 2.07 0.00	29.19 1.88 0.00	31.32 1.82 0.00	32.83 2.00 0.00	39.73 2.58 0.00	48.91 3.61 0.00	44.91 3.74 0.00	42.42 3.55 0.00	38.29 3.23 0.00	40.48 3.02 0.00	40.99 2.60 0.00	40.47 2.37 0.00	40.59 2.19 0.00
PEEKSKILL____ 23653	32.47 1.08 0.00	27.50 0.88 0.00	26.20 0.82 0.00	25.25 0.80 0.00	28.01 0.95 0.00	35.07 1.22 0.00	45.61 2.01 0.00	38.12 1.95 0.00	30.29 1.53 0.00	27.62 1.32 0.00	30.88 1.59 0.00	31.34 1.70 0.00	28.85 1.54 0.00	30.91 1.41 0.00	32.35 1.52 0.00	39.13 1.98 0.00	48.16 2.86 0.00	44.18 3.02 0.00	41.72 2.84 0.00	37.63 2.57 0.00	39.80 2.34 0.00	40.31 1.91 0.00	39.82 1.72 0.00	39.95 1.56 0.00
PGE MADISON__WINDPWR 24146	33.74 2.35 0.00	28.49 1.87 0.00	26.97 1.58 0.00	25.87 1.42 0.00	28.60 1.54 0.00	36.17 2.31 0.00	47.22 3.62 0.00	40.50 3.47 -0.86	31.51 2.74 0.00	28.78 2.48 0.00	31.89 2.60 0.00	32.14 2.50 0.00	29.41 2.10 0.00	33.54 2.13 -1.91	33.23 2.40 0.00	40.61 3.46 0.00	50.73 5.43 0.00	48.14 5.31 -1.67	44.77 4.85 -1.04	39.60 4.21 -0.33	42.26 4.24 -0.56	42.38 3.90 -0.09	41.84 3.74 0.00	42.20 3.68 -0.13
PIERCEFIELD__HYD 23852	31.51 0.12 0.00	26.70 0.08 0.00	25.46 0.07 0.00	24.48 0.04 0.00	27.11 0.05 0.00	33.98 0.13 0.00	43.86 0.26 0.00	36.16 -0.01 0.00	28.76 0.00 0.00	26.11 -0.19 0.00	28.86 -0.43 0.00	29.13 -0.51 0.00	26.97 -0.34 0.00	29.30 -0.21 0.00	30.45 -0.37 0.00	36.62 -0.52 0.00	44.29 -1.01 0.00	39.04 -2.12 0.00	37.64 -1.24 0.00	33.93 -1.13 0.00	36.64 -0.82 0.00	38.28 -0.11 0.00	37.87 -0.23 0.00	38.28 -0.11 0.00
PINELAWN_CC_1 323563	33.43 2.03 0.00	28.27 1.66 0.00	26.84 1.45 0.00	25.91 1.47 0.00	28.73 1.68 0.00	35.95 2.10 0.00	46.89 3.29 0.00	39.22 3.05 0.00	31.08 2.32 0.00	28.23 1.92 0.00	31.66 2.37 0.00	32.07 2.43 0.00	29.54 2.23 0.00	31.72 2.22 0.00	33.23 2.41 0.00	40.30 3.15 0.00	81.42 4.41 -31.71	94.77 4.48 -49.12	43.00 4.12 0.00	39.44 3.74 -0.64	41.04 3.58 0.00	41.43 3.04 0.00	40.98 2.88 0.00	41.13 2.73 0.00
PJM_GEN_HTP_PROXY 323702	32.60 1.20 0.00	27.60 0.98 0.00	26.30 0.91 0.00	25.35 0.90 0.00	28.12 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.34 2.16 0.00	30.50 1.74 0.00	27.84 1.53 0.00	31.12 1.83 0.00	31.59 1.95 0.00	29.10 1.79 0.00	31.17 1.67 0.00	32.59 1.77 0.00	39.42 2.27 0.00	48.48 3.18 0.00	44.48 3.31 0.00	42.00 3.12 0.00	37.89 2.83 0.00	40.03 2.58 0.00	40.53 2.14 0.00	40.01 1.91 0.00	40.13 1.73 0.00

PJM_GEN_KEystone 24065	31.31 -0.08 0.00	26.55 -0.06 0.00	25.22 -0.16 0.00	24.30 -0.15 0.00	26.88 -0.18 0.00	33.66 -0.19 0.00	43.32 -0.28 0.00	35.92 -0.25 0.00	28.58 -0.18 0.00	26.25 -0.05 0.00	29.42 0.13 0.00	29.92 0.28 0.00	27.52 0.21 0.00	20.61 0.03 8.92	25.23 0.01 5.59	37.13 0.01 0.02	45.86 0.57 0.01	36.39 0.92 5.70	36.03 0.71 3.56	34.46 0.54 1.14	35.85 0.31 1.92	37.81 -0.28 0.30	37.91 -0.19 0.00	37.90 -0.07 0.43
PJM_GEN_NEPTUNE_PROXY 323594	32.93 1.53 0.00	27.86 1.25 0.00	26.49 1.11 0.00	25.55 1.11 0.00	28.35 1.29 0.00	35.46 1.61 0.00	46.17 2.58 0.00	38.60 2.42 0.00	30.64 1.88 0.00	27.90 1.59 0.00	31.28 1.99 0.00	31.72 2.08 0.00	29.23 1.92 0.00	31.35 1.84 0.00	32.81 1.99 0.00	39.71 2.57 0.00	80.60 3.59 -31.71	93.99 3.70 -49.12	42.31 3.44 0.00	38.82 3.13 -0.64	40.39 2.93 0.00	40.83 2.43 0.00	40.35 2.25 0.00	40.49 2.10 0.00
PJM_GEN_VFT_PROXY 323633	32.46 1.07 0.00	27.47 0.86 0.00	26.19 0.81 0.00	25.23 0.78 0.00	28.00 0.94 0.00	35.10 1.25 0.00	45.66 2.07 0.00	38.20 2.03 0.00	30.38 1.62 0.00	27.70 1.40 0.00	30.97 1.68 0.00	31.46 1.81 0.00	28.97 1.66 0.00	31.01 1.51 0.00	31.36 1.59 1.05	38.91 2.05 0.28	48.07 2.92 0.14	44.25 3.09 0.00	41.80 2.92 0.00	37.69 2.63 0.00	39.84 2.38 0.00	40.34 1.94 0.00	39.80 1.70 0.00	39.91 1.52 0.00
PLATSBRG_115KV_PMLD1 355749	32.83 1.43 0.00	27.80 1.18 0.00	26.44 1.06 0.00	25.51 1.06 0.00	28.27 1.21 0.00	35.40 1.55 0.00	45.71 2.11 0.00	37.80 1.63 0.00	30.03 1.27 0.00	27.40 1.09 0.00	30.46 1.17 0.00	30.84 1.19 0.00	28.44 1.13 0.00	30.91 1.40 0.00	32.14 1.32 0.00	38.64 1.49 0.00	46.82 1.52 0.00	42.06 0.90 0.00	39.83 0.96 0.00	35.84 0.78 0.00	38.46 1.00 0.00	39.90 1.51 0.00	39.67 1.57 0.00	40.08 1.69 0.00
PLEASANTVLY___LBMP 24000	32.39 0.99 0.00	27.44 0.83 0.00	26.16 0.78 0.00	25.20 0.76 0.00	27.96 0.90 0.00	34.96 1.11 0.00	45.39 1.79 0.00	37.92 1.75 0.00	30.13 1.37 0.00	27.48 1.18 0.00	30.77 1.47 0.00	31.19 1.55 0.00	28.73 1.42 0.00	30.83 1.32 0.00	32.30 1.48 0.00	39.05 1.90 0.00	47.97 2.67 0.00	43.95 2.79 0.00	41.52 2.64 0.00	37.48 2.42 0.00	39.63 2.17 0.00	40.20 1.81 0.00	39.74 1.64 0.00	39.89 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.58 1.19 0.00	27.59 0.97 0.00	26.30 0.91 0.00	25.33 0.89 0.00	28.10 1.05 0.00	35.19 1.33 0.00	45.73 2.14 0.00	38.24 2.07 0.00	30.40 1.64 0.00	27.73 1.42 0.00	31.01 1.72 0.00	31.46 1.81 0.00	28.98 1.67 0.00	31.06 1.56 0.00	32.52 1.69 0.00	39.31 2.17 0.00	48.36 3.06 0.00	44.36 3.19 0.00	41.88 3.00 0.00	37.80 2.74 0.00	39.95 2.49 0.00	40.49 2.10 0.00	39.97 1.87 0.00	40.12 1.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.58 1.19 0.00	27.59 0.97 0.00	26.30 0.91 0.00	25.33 0.89 0.00	28.10 1.05 0.00	35.19 1.33 0.00	45.73 2.14 0.00	38.24 2.07 0.00	30.40 1.64 0.00	27.73 1.42 0.00	31.01 1.72 0.00	31.46 1.81 0.00	28.98 1.67 0.00	31.06 1.56 0.00	32.52 1.69 0.00	39.31 2.17 0.00	48.36 3.06 0.00	44.36 3.19 0.00	41.88 3.00 0.00	37.80 2.74 0.00	39.95 2.49 0.00	40.49 2.10 0.00	39.97 1.87 0.00	40.12 1.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.66 1.27 0.00	27.68 1.06 0.00	26.37 0.99 0.00	25.41 0.96 0.00	28.19 1.13 0.00	35.26 1.41 0.00	45.81 2.21 0.00	38.27 2.10 0.00	30.41 1.65 0.00	27.72 1.41 0.00	30.99 1.70 0.00	31.41 1.76 0.00	28.92 1.61 0.00	31.05 1.54 0.00	32.56 1.74 0.00	39.43 2.28 0.00	48.52 3.22 0.00	44.49 3.33 0.00	42.04 3.16 0.00	37.96 2.90 0.00	40.13 2.67 0.00	40.66 2.27 0.00	40.19 2.09 0.00	40.31 1.91 0.00
POLETTI_____ 23519	32.56 1.16 0.00	27.55 0.94 0.00	26.28 0.89 0.00	25.33 0.89 0.00	28.07 1.02 0.00	35.18 1.33 0.00	45.77 2.17 0.00	38.31 2.14 0.00	30.49 1.73 0.00	27.82 1.52 0.00	31.11 1.82 0.00	31.61 1.96 0.00	29.11 1.80 0.00	31.18 1.68 0.00	32.57 1.75 0.00	39.38 2.24 0.00	48.44 3.14 0.00	44.45 3.28 0.00	41.97 3.09 0.00	37.87 2.80 0.00	40.01 2.55 0.00	40.50 2.11 0.00	39.97 1.87 0.00	40.07 1.68 0.00
POMONA___ESR 323819	32.46 1.07 0.00	27.49 0.87 0.00	26.20 0.81 0.00	25.24 0.79 0.00	28.01 0.95 0.00	35.07 1.22 0.00	45.62 2.02 0.00	38.10 1.93 0.00	30.27 1.50 0.00	27.58 1.27 0.00	30.84 1.55 0.00	31.31 1.66 0.00	28.82 1.51 0.00	30.87 1.37 0.00	32.29 1.47 0.00	39.07 1.93 0.00	48.12 2.82 0.00	44.15 2.99 0.00	41.69 2.81 0.00	37.59 2.52 0.00	39.76 2.30 0.00	40.27 1.88 0.00	39.78 1.68 0.00	39.92 1.53 0.00
PORT_JEFF_3 23555	33.62 2.22 0.00	28.42 1.81 0.00	26.98 1.59 0.00	26.05 1.61 0.00	28.90 1.84 0.00	36.15 2.30 0.00	47.19 3.59 0.00	39.37 3.20 0.00	31.15 2.38 0.00	28.22 1.92 0.00	31.62 2.33 0.00	32.07 2.42 0.00	29.54 2.23 0.00	31.74 2.23 0.00	33.26 2.44 0.00	40.45 3.30 0.00	81.60 4.59 -31.71	94.83 4.55 -49.12	43.02 4.15 0.00	39.49 3.79 -0.64	41.09 3.62 0.00	41.48 3.09 0.00	41.01 2.91 0.00	41.22 2.82 0.00
PORT_JEFF_4 23616	33.62 2.22 0.00	28.42 1.81 0.00	26.98 1.59 0.00	26.05 1.61 0.00	28.90 1.84 0.00	36.15 2.30 0.00	47.19 3.59 0.00	39.37 3.20 0.00	31.15 2.38 0.00	28.22 1.92 0.00	31.62 2.33 0.00	32.07 2.42 0.00	29.54 2.23 0.00	31.74 2.23 0.00	33.26 2.44 0.00	40.45 3.30 0.00	81.60 4.59 -31.71	94.83 4.55 -49.12	43.02 4.15 0.00	39.49 3.79 -0.64	41.09 3.62 0.00	41.48 3.09 0.00	41.01 2.91 0.00	41.22 2.82 0.00
PORT_JEFF_IC 23713	33.61 2.22 0.00	28.42 1.81 0.00	26.97 1.59 0.00	26.05 1.61 0.00	28.88 1.82 0.00	36.14 2.29 0.00	47.17 3.57 0.00	39.31 3.14 0.00	31.15 2.39 0.00	28.22 1.92 0.00	31.62 2.33 0.00	32.07 2.43 0.00	29.55 2.24 0.00	31.75 2.24 0.00	33.27 2.45 0.00	40.46 3.32 0.00	81.62 4.61 -31.71	94.84 4.55 -49.12	43.03 4.15 0.00	39.51 3.82 -0.64	41.11 3.65 0.00	41.50 3.11 0.00	41.03 2.93 0.00	41.23 2.84 0.00
PPL PILGRIM_ST_GT1 24216	33.65 2.25 0.00	28.45 1.84 0.00	27.00 1.61 0.00	26.07 1.63 0.00	28.91 1.85 0.00	36.16 2.31 0.00	47.19 3.59 0.00	39.45 3.28 0.00	31.23 2.47 0.00	28.35 2.04 0.00	31.82 2.53 0.00	32.26 2.62 0.00	29.73 2.42 0.00	31.92 2.42 0.00	33.45 2.63 0.00	40.58 3.44 0.00	81.73 4.72 -31.71	94.97 4.68 -49.12	43.11 4.23 0.00	39.62 3.93 -0.64	41.27 3.81 0.00	41.66 3.27 0.00	41.21 3.11 0.00	41.39 3.00 0.00
PPL PILGRIM_ST_GT2 24217	33.65 2.25 0.00	28.45 1.84 0.00	27.00 1.61 0.00	26.07 1.63 0.00	28.91 1.85 0.00	36.16 2.31 0.00	47.19 3.59 0.00	39.45 3.28 0.00	31.23 2.47 0.00	28.35 2.04 0.00	31.82 2.53 0.00	32.26 2.62 0.00	29.73 2.42 0.00	31.92 2.42 0.00	33.45 2.63 0.00	40.58 3.44 0.00	81.73 4.72 -31.71	94.97 4.68 -49.12	43.11 4.23 0.00	39.62 3.93 -0.64	41.27 3.81 0.00	41.66 3.27 0.00	41.21 3.11 0.00	41.39 3.00 0.00

PPL_SHRM_GT3 24213	33.73 2.33 0.00	28.52 1.90 0.00	27.06 1.68 0.00	26.13 1.69 0.00	28.98 1.92 0.00	36.28 2.43 0.00	47.39 3.79 0.00	39.61 3.44 0.00	31.08 2.32 0.00	28.05 1.75 0.00	31.34 2.05 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.50 1.99 0.00	33.04 2.22 0.00	40.32 3.18 0.00	81.38 4.37 -31.71	94.53 4.25 -49.12	42.72 3.84 0.00	39.17 3.47 -0.64	40.74 3.29 0.00	41.16 2.76 0.00	40.67 2.58 0.00	40.98 2.59 0.00
PPL_SHRM_GT4 24214	33.73 2.33 0.00	28.52 1.90 0.00	27.06 1.68 0.00	26.13 1.69 0.00	28.98 1.92 0.00	36.28 2.43 0.00	47.39 3.79 0.00	39.61 3.44 0.00	31.08 2.32 0.00	28.05 1.75 0.00	31.34 2.05 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.50 1.99 0.00	33.04 2.22 0.00	40.32 3.18 0.00	81.38 4.37 -31.71	94.53 4.25 -49.12	42.72 3.84 0.00	39.17 3.47 -0.64	40.74 3.29 0.00	41.16 2.76 0.00	40.67 2.58 0.00	40.98 2.59 0.00
PROJECT___ORANGE 1 24174	30.80 -0.59 0.00	26.12 -0.50 0.00	24.86 -0.53 0.00	23.94 -0.50 0.00	26.47 -0.58 0.00	33.15 -0.70 0.00	42.64 -0.96 0.00	35.66 -0.77 -0.26	28.18 -0.59 0.00	25.83 -0.48 0.00	28.75 -0.54 0.00	29.10 -0.54 0.00	26.76 -0.55 0.00	28.86 -0.65 0.00	30.20 -0.63 0.00	36.48 -0.66 0.00	44.84 -0.46 0.00	40.97 -0.19 0.00	38.58 -0.30 0.00	34.77 -0.29 0.00	36.99 -0.47 0.00	37.62 -0.77 0.00	37.32 -0.78 0.00	37.60 -0.79 0.00
PROJECT___ORANGE 2 24166	30.80 -0.59 0.00	26.12 -0.50 0.00	24.86 -0.53 0.00	23.94 -0.50 0.00	26.47 -0.58 0.00	33.15 -0.70 0.00	42.64 -0.96 0.00	35.66 -0.77 -0.26	28.18 -0.59 0.00	25.83 -0.48 0.00	28.75 -0.54 0.00	29.10 -0.54 0.00	26.76 -0.55 0.00	28.86 -0.65 0.00	30.20 -0.63 0.00	36.48 -0.66 0.00	44.84 -0.46 0.00	40.97 -0.19 0.00	38.58 -0.30 0.00	34.77 -0.29 0.00	36.99 -0.47 0.00	37.62 -0.77 0.00	37.32 -0.78 0.00	37.60 -0.79 0.00
PUCKETT___SOLAR 323809	31.87 0.47 0.00	27.00 0.38 0.00	25.63 0.24 0.00	24.61 0.17 0.00	27.22 0.17 0.00	34.18 0.33 0.00	44.26 0.66 0.00	37.72 0.79 -0.75	29.37 0.61 0.00	26.79 0.49 0.00	29.84 0.55 0.00	30.20 0.55 0.00	27.67 0.36 0.00	31.78 0.31 -1.97	31.31 0.48 0.00	38.04 0.89 0.00	47.10 1.80 0.00	44.67 1.77 -1.73	41.51 1.56 -1.08	36.74 1.33 -0.35	39.25 1.20 -0.58	39.33 0.85 -0.09	38.93 0.83 0.00	39.35 0.83 -0.13
PYRITES___HYD 24023	32.37 0.97 0.00	27.41 0.79 0.00	26.16 0.78 0.00	25.16 0.72 0.00	27.88 0.82 0.00	34.98 1.13 0.00	45.21 1.61 0.00	37.31 1.14 0.00	29.64 0.87 0.00	26.86 0.56 0.00	29.60 0.31 0.00	29.87 0.23 0.00	27.67 0.36 0.00	30.11 0.60 0.00	31.32 0.50 0.00	37.73 0.59 0.00	45.67 0.37 0.00	40.20 -0.96 0.00	38.70 -0.17 0.00	34.88 -0.18 0.00	37.68 0.22 0.00	39.33 0.94 0.00	38.90 0.80 0.00	39.35 0.96 0.00
QUAKERRD_115KV_BK1 80622	29.80 -1.59 0.00	25.27 -1.34 0.00	23.97 -1.41 0.00	23.08 -1.36 0.00	25.44 -1.62 0.00	31.89 -1.96 0.00	40.81 -2.79 0.00	31.90 -2.51 1.77	26.88 -1.88 0.00	24.87 -1.44 0.00	27.74 -1.55 0.00	28.13 -1.51 0.00	25.86 -1.45 0.00	27.88 -1.62 0.00	29.09 -1.73 0.00	35.03 -2.11 0.00	43.25 -2.04 0.00	39.77 -1.40 0.00	37.28 -1.59 0.00	33.51 -1.55 0.00	35.68 -1.78 0.00	36.04 -2.35 0.00	35.91 -2.19 0.00	36.41 -1.99 0.00
QUENSBRY_115KV_TB8 356137	33.10 1.71 0.00	27.99 1.37 0.00	26.67 1.28 0.00	25.77 1.33 0.00	28.60 1.55 0.00	35.89 2.04 0.00	46.56 2.96 0.00	38.92 2.75 0.00	30.95 2.18 0.00	28.25 1.95 0.00	31.53 2.24 0.00	31.93 2.29 0.00	29.16 1.85 0.00	31.28 1.77 0.00	32.60 1.78 0.00	39.44 2.30 0.00	48.51 3.21 0.00	44.30 3.13 0.00	41.76 2.88 0.00	37.57 2.51 0.00	39.68 2.22 0.00	40.40 2.01 0.00	40.01 1.91 0.00	40.15 1.75 0.00
RAMAPO___LBMP 323565	32.35 0.96 0.00	27.39 0.78 0.00	26.11 0.73 0.00	25.15 0.71 0.00	27.92 0.86 0.00	34.95 1.10 0.00	45.45 1.86 0.00	37.96 1.79 0.00	30.15 1.39 0.00	27.47 1.16 0.00	30.71 1.41 0.00	31.17 1.53 0.00	28.70 1.40 0.00	30.73 1.23 0.00	32.14 1.32 0.00	38.89 1.75 0.00	47.91 2.62 0.00	43.95 2.79 0.00	41.50 2.62 0.00	37.42 2.35 0.00	39.58 2.12 0.00	40.10 1.71 0.00	39.60 1.50 0.00	39.77 1.37 0.00
RANKINE____ 23646	30.45 -0.95 0.00	25.82 -0.80 0.00	24.35 -1.04 0.00	23.43 -1.01 0.00	25.71 -1.35 0.00	32.25 -1.60 0.00	40.78 -2.82 0.00	32.53 -3.01 0.63	26.60 -2.17 0.00	24.88 -1.43 0.00	27.81 -1.48 0.00	28.35 -1.29 0.00	26.07 -1.24 0.00	28.17 -1.33 0.00	29.31 -1.51 0.00	35.05 -2.10 0.00	43.55 -1.75 0.00	40.27 -0.90 0.00	37.54 -1.34 0.00	33.59 -1.47 0.00	35.80 -1.66 0.00	35.77 -2.62 0.00	35.95 -2.15 0.00	36.84 -1.56 0.00
RAVENSWOOD_GT2_1 24244	32.64 1.24 0.00	27.62 1.01 0.00	26.34 0.96 0.00	25.37 0.92 0.00	28.14 1.08 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.56 0.00	31.15 1.86 0.00	31.63 1.98 0.00	29.14 1.83 0.00	31.20 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.53 3.24 0.00	44.53 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.58 2.19 0.00	40.05 1.96 0.00	40.17 1.78 0.00
RAVENSWOOD_GT2_2 24245	32.64 1.24 0.00	27.62 1.01 0.00	26.34 0.96 0.00	25.37 0.92 0.00	28.14 1.08 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.56 0.00	31.15 1.86 0.00	31.63 1.98 0.00	29.14 1.83 0.00	31.20 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.53 3.24 0.00	44.53 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.58 2.19 0.00	40.05 1.96 0.00	40.17 1.78 0.00
RAVENSWOOD_GT2_3 24246	32.65 1.25 0.00	27.64 1.03 0.00	26.35 0.96 0.00	25.39 0.94 0.00	28.15 1.09 0.00	35.27 1.42 0.00	45.87 2.27 0.00	38.39 2.21 0.00	30.55 1.79 0.00	27.87 1.57 0.00	31.17 1.88 0.00	31.64 2.00 0.00	29.15 1.84 0.00	31.22 1.72 0.00	32.65 1.82 0.00	39.47 2.33 0.00	48.56 3.26 0.00	44.55 3.39 0.00	42.07 3.19 0.00	37.95 2.89 0.00	40.10 2.64 0.00	40.60 2.21 0.00	40.08 1.98 0.00	40.19 1.79 0.00
RAVENSWOOD_GT2_4 24247	32.65 1.25 0.00	27.64 1.03 0.00	26.35 0.96 0.00	25.39 0.94 0.00	28.15 1.09 0.00	35.27 1.42 0.00	45.87 2.27 0.00	38.39 2.21 0.00	30.55 1.79 0.00	27.87 1.57 0.00	31.17 1.88 0.00	31.64 2.00 0.00	29.15 1.84 0.00	31.22 1.72 0.00	32.65 1.82 0.00	39.47 2.33 0.00	48.56 3.26 0.00	44.55 3.39 0.00	42.07 3.19 0.00	37.95 2.89 0.00	40.10 2.64 0.00	40.60 2.21 0.00	40.08 1.98 0.00	40.19 1.79 0.00
RAVENSWOOD_GT3_1 24248	32.64 1.24 0.00	27.62 1.01 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.14 1.08 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.56 0.00	31.15 1.86 0.00	31.63 1.98 0.00	29.14 1.83 0.00	31.21 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.54 3.24 0.00	44.53 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.59 2.19 0.00	40.05 1.96 0.00	40.18 1.78 0.00



RAVENSWOOD_GT3_2 24249	32.64 1.24 0.00	27.62 1.01 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.14 1.08 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.56 0.00	31.15 1.86 0.00	31.63 1.98 0.00	29.14 1.83 0.00	31.21 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.54 3.24 0.00	44.53 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.59 2.19 0.00	40.05 1.96 0.00	40.18 1.78 0.00
RAVENSWOOD_GT3_3 24250	32.68 1.28 0.00	27.66 1.05 0.00	26.37 0.98 0.00	25.41 0.97 0.00	28.18 1.12 0.00	35.30 1.45 0.00	45.90 2.31 0.00	38.43 2.25 0.00	30.58 1.82 0.00	27.90 1.60 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.25 1.75 0.00	32.68 1.86 0.00	39.52 2.38 0.00	48.61 3.32 0.00	44.60 3.44 0.00	42.11 3.24 0.00	37.99 2.93 0.00	40.14 2.69 0.00	40.64 2.25 0.00	40.12 2.02 0.00	40.23 1.84 0.00
RAVENSWOOD_GT3_4 24251	32.68 1.28 0.00	27.66 1.05 0.00	26.37 0.98 0.00	25.41 0.97 0.00	28.18 1.12 0.00	35.30 1.45 0.00	45.90 2.31 0.00	38.43 2.25 0.00	30.58 1.82 0.00	27.90 1.60 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.25 1.75 0.00	32.68 1.86 0.00	39.52 2.38 0.00	48.61 3.32 0.00	44.60 3.44 0.00	42.11 3.24 0.00	37.99 2.93 0.00	40.14 2.69 0.00	40.64 2.25 0.00	40.12 2.02 0.00	40.23 1.84 0.00
RAVENSWOOD_GT_1 23729	32.63 1.24 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.36 0.92 0.00	28.12 1.07 0.00	35.27 1.42 0.00	45.87 2.27 0.00	38.42 2.24 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.22 1.92 0.00	31.69 2.05 0.00	29.21 1.90 0.00	31.26 1.75 0.00	32.69 1.87 0.00	39.51 2.37 0.00	48.62 3.33 0.00	44.61 3.44 0.00	42.13 3.25 0.00	38.00 2.94 0.00	40.13 2.68 0.00	40.63 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
RAVENSWOOD_GT_10 24258	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.55 0.00	31.15 1.86 0.00	31.62 1.98 0.00	29.13 1.82 0.00	31.20 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.53 3.23 0.00	44.52 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.58 2.19 0.00	40.05 1.96 0.00	40.18 1.78 0.00
RAVENSWOOD_GT_11 24259	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.55 0.00	31.15 1.86 0.00	31.62 1.98 0.00	29.13 1.82 0.00	31.20 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.53 3.23 0.00	44.52 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.58 2.19 0.00	40.05 1.96 0.00	40.18 1.78 0.00
RAVENSWOOD_GT_4 24252	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.38 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.85 2.25 0.00	38.36 2.19 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.14 1.84 0.00	31.61 1.97 0.00	29.12 1.81 0.00	31.19 1.69 0.00	32.61 1.79 0.00	39.45 2.30 0.00	48.52 3.22 0.00	44.51 3.34 0.00	42.03 3.15 0.00	37.92 2.86 0.00	40.08 2.61 0.00	40.57 2.18 0.00	40.05 1.95 0.00	40.17 1.78 0.00
RAVENSWOOD_GT_5 24254	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.38 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.85 2.25 0.00	38.36 2.19 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.14 1.84 0.00	31.61 1.97 0.00	29.12 1.81 0.00	31.19 1.69 0.00	32.61 1.79 0.00	39.45 2.30 0.00	48.52 3.22 0.00	44.51 3.34 0.00	42.03 3.15 0.00	37.92 2.86 0.00	40.08 2.61 0.00	40.57 2.18 0.00	40.05 1.95 0.00	40.17 1.78 0.00
RAVENSWOOD_GT_6 24253	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.38 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.85 2.25 0.00	38.36 2.19 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.14 1.84 0.00	31.61 1.97 0.00	29.12 1.81 0.00	31.19 1.69 0.00	32.61 1.79 0.00	39.45 2.30 0.00	48.52 3.22 0.00	44.51 3.34 0.00	42.03 3.15 0.00	37.92 2.86 0.00	40.08 2.61 0.00	40.57 2.18 0.00	40.05 1.95 0.00	40.17 1.78 0.00
RAVENSWOOD_GT_7 24255	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.38 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.85 2.25 0.00	38.36 2.19 0.00	30.52 1.76 0.00	27.84 1.54 0.00	31.14 1.84 0.00	31.61 1.97 0.00	29.12 1.81 0.00	31.19 1.69 0.00	32.61 1.79 0.00	39.45 2.30 0.00	48.52 3.22 0.00	44.51 3.34 0.00	42.03 3.15 0.00	37.92 2.86 0.00	40.08 2.61 0.00	40.57 2.18 0.00	40.05 1.95 0.00	40.17 1.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.55 0.00	31.15 1.86 0.00	31.62 1.98 0.00	29.13 1.82 0.00	31.20 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.53 3.23 0.00	44.52 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.58 2.19 0.00	40.05 1.96 0.00	40.18 1.78 0.00
RAVENSWOOD_GT_9 24257	32.64 1.24 0.00	27.63 1.02 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.15 1.09 0.00	35.26 1.41 0.00	45.86 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.86 1.55 0.00	31.15 1.86 0.00	31.62 1.98 0.00	29.13 1.82 0.00	31.20 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.53 3.23 0.00	44.52 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.58 2.19 0.00	40.05 1.96 0.00	40.18 1.78 0.00
RAVENSWOOD___1 23533	32.63 1.24 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.37 0.92 0.00	28.12 1.07 0.00	35.26 1.42 0.00	45.86 2.27 0.00	38.42 2.25 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.69 2.04 0.00	29.20 1.89 0.00	31.25 1.75 0.00	32.69 1.87 0.00	39.51 2.37 0.00	48.63 3.33 0.00	44.60 3.44 0.00	42.12 3.25 0.00	37.99 2.93 0.00	40.13 2.68 0.00	40.62 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
RAVENSWOOD___2 23534	32.63 1.24 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.37 0.92 0.00	28.12 1.07 0.00	35.26 1.42 0.00	45.86 2.27 0.00	38.42 2.25 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.69 2.04 0.00	29.20 1.89 0.00	31.25 1.75 0.00	32.69 1.87 0.00	39.51 2.37 0.00	48.63 3.33 0.00	44.60 3.44 0.00	42.12 3.25 0.00	37.99 2.93 0.00	40.13 2.68 0.00	40.62 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
RAVENSWOOD___3 23535	32.64 1.24 0.00	27.63 1.01 0.00	26.34 0.96 0.00	25.37 0.93 0.00	28.14 1.08 0.00	35.26 1.41 0.00	45.85 2.26 0.00	38.37 2.20 0.00	30.53 1.77 0.00	27.87 1.56 0.00	31.15 1.86 0.00	31.63 1.98 0.00	29.13 1.83 0.00	31.21 1.70 0.00	32.63 1.81 0.00	39.46 2.31 0.00	48.53 3.24 0.00	44.52 3.36 0.00	42.05 3.17 0.00	37.93 2.87 0.00	40.09 2.63 0.00	40.58 2.19 0.00	40.05 1.96 0.00	40.18 1.78 0.00

RAVENSWOOD___4 23820	32.63 1.24 0.00	27.62 1.01 0.00	26.33 0.95 0.00	25.37 0.92 0.00	28.12 1.07 0.00	35.26 1.42 0.00	45.86 2.27 0.00	38.42 2.25 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.21 1.92 0.00	31.69 2.04 0.00	29.20 1.89 0.00	31.25 1.75 0.00	32.69 1.87 0.00	39.51 2.37 0.00	48.63 3.33 0.00	44.60 3.44 0.00	42.12 3.25 0.00	37.99 2.93 0.00	40.13 2.68 0.00	40.62 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
RCPI_TRUST___DRP 24196	32.66 1.27 0.00	27.65 1.03 0.00	26.35 0.96 0.00	25.40 0.95 0.00	28.17 1.11 0.00	35.30 1.45 0.00	45.93 2.33 0.00	38.43 2.26 0.00	30.59 1.82 0.00	27.92 1.61 0.00	31.21 1.92 0.00	31.68 2.04 0.00	29.19 1.88 0.00	31.26 1.76 0.00	32.69 1.86 0.00	39.53 2.38 0.00	48.61 3.32 0.00	44.60 3.44 0.00	42.11 3.23 0.00	37.98 2.92 0.00	40.14 2.68 0.00	40.63 2.24 0.00	40.09 1.99 0.00	40.21 1.81 0.00
RED___ROCHESTER 323720	30.56 -0.84 0.00	25.90 -0.71 0.00	24.53 -0.86 0.00	23.60 -0.84 0.00	25.99 -1.07 0.00	32.62 -1.23 0.00	41.67 -1.93 0.00	33.23 -1.87 1.06	27.44 -1.32 0.00	25.46 -0.84 0.00	28.42 -0.87 0.00	28.86 -0.78 0.00	26.53 -0.78 0.00	25.09 -0.90 3.51	29.80 -1.03 0.00	35.85 -1.30 0.00	44.36 -0.94 0.00	37.85 -0.20 3.11	36.41 -0.52 1.94	33.81 -0.63 0.62	35.60 -0.81 1.05	36.73 -1.50 0.16	36.81 -1.29 0.00	37.14 -1.02 0.23
REGAN___SOLAR 323812	34.42 3.02 0.00	29.09 2.48 0.00	27.68 2.30 0.00	26.64 2.20 0.00	29.54 2.49 0.00	37.16 3.32 0.00	48.37 4.77 0.00	40.32 4.15 0.00	31.71 2.95 0.00	28.57 2.27 0.00	31.39 2.09 0.00	31.14 1.50 0.00	28.43 1.12 0.00	30.49 0.99 0.00	32.16 1.34 0.00	40.41 3.27 0.00	50.85 5.56 0.00	46.51 5.35 0.00	43.89 5.01 0.00	39.48 4.42 0.00	42.01 4.55 0.00	42.78 4.39 0.00	42.28 4.18 0.00	42.48 4.08 0.00
RENSSELAER___COGEN 23796	31.60 0.20 0.00	26.78 0.16 0.00	25.52 0.14 0.00	24.60 0.15 0.00	27.27 0.22 0.00	34.12 0.26 0.00	44.10 0.50 0.00	36.74 0.57 0.00	29.18 0.42 0.00	26.67 0.37 0.00	29.80 0.51 0.00	30.14 0.50 0.00	27.76 0.45 0.00	29.95 0.44 0.00	31.45 0.63 0.00	38.02 0.88 0.00	46.57 1.27 0.00	42.57 1.40 0.00	40.15 1.28 0.00	36.25 1.19 0.00	38.44 0.98 0.00	39.19 0.80 0.00	38.79 0.69 0.00	38.96 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.15 2.76 0.00	28.84 2.23 0.00	27.47 2.08 0.00	26.71 2.27 0.00	29.67 2.61 0.00	37.25 3.40 0.00	48.43 4.83 0.00	40.48 4.31 0.00	32.09 3.33 0.00	29.19 2.89 0.00	32.50 3.21 0.00	32.93 3.29 0.00	30.11 2.80 0.00	32.75 3.25 0.00	34.18 3.36 0.00	41.47 4.33 0.00	51.23 5.93 0.00	46.89 5.73 0.00	44.14 5.26 0.00	39.61 4.54 0.00	41.45 3.99 0.00	42.20 3.80 0.00	41.82 3.72 0.00	42.02 3.62 0.00
REVERE_CPPR_DRP 24186	32.43 1.03 0.00	27.43 0.81 0.00	26.07 0.68 0.00	25.10 0.66 0.00	27.82 0.77 0.00	34.98 1.13 0.00	45.41 1.81 0.00	37.75 1.58 0.00	30.05 1.28 0.00	27.39 1.08 0.00	30.34 1.05 0.00	30.58 0.93 0.00	28.09 0.78 0.00	30.29 0.79 0.00	31.76 0.94 0.00	38.62 1.47 0.00	47.67 2.37 0.00	43.50 2.34 0.00	41.05 2.18 0.00	37.04 1.98 0.00	39.47 2.01 0.00	40.21 1.82 0.00	39.80 1.70 0.00	40.02 1.63 0.00
REYNOLDS_115KV_TB3 80639	31.83 0.43 0.00	26.98 0.37 0.00	25.73 0.34 0.00	24.79 0.34 0.00	27.49 0.44 0.00	34.38 0.53 0.00	44.40 0.80 0.00	36.99 0.82 0.00	29.38 0.62 0.00	26.88 0.57 0.00	30.06 0.77 0.00	30.40 0.76 0.00	27.99 0.68 0.00	30.21 0.70 0.00	31.74 0.92 0.00	38.34 1.20 0.00	46.91 1.61 0.00	42.92 1.76 0.00	40.46 1.59 0.00	36.54 1.47 0.00	38.73 1.27 0.00	39.50 1.11 0.00	39.10 1.00 0.00	39.28 0.89 0.00
RIVERBAY____ 323610	32.85 1.45 0.00	27.83 1.22 0.00	26.56 1.17 0.00	25.55 1.11 0.00	28.29 1.24 0.00	35.55 1.70 0.00	46.22 2.62 0.00	38.74 2.57 0.00	30.81 2.04 0.00	28.04 1.74 0.00	31.35 2.06 0.00	31.84 2.19 0.00	29.36 2.05 0.00	31.36 1.86 0.00	32.84 2.02 0.00	39.66 2.51 0.00	48.85 3.55 0.00	44.87 3.70 0.00	42.33 3.45 0.00	38.20 3.15 0.00	40.32 2.86 0.00	40.81 2.42 0.00	40.25 2.15 0.00	40.41 2.01 0.00
RIVERSDE_115KV_TB3 55908	31.73 0.33 0.00	26.89 0.27 0.00	25.63 0.25 0.00	24.70 0.26 0.00	27.39 0.34 0.00	34.26 0.41 0.00	44.28 0.68 0.00	36.89 0.72 0.00	29.32 0.55 0.00	26.80 0.49 0.00	29.96 0.66 0.00	30.30 0.65 0.00	27.90 0.59 0.00	30.11 0.60 0.00	31.63 0.81 0.00	38.21 1.07 0.00	46.80 1.50 0.00	42.78 1.62 0.00	40.35 1.47 0.00	36.42 1.36 0.00	38.62 1.16 0.00	39.37 0.98 0.00	38.97 0.86 0.00	39.14 0.74 0.00
ROARING___BROOK_WT_PWR 323790	31.31 -0.09 0.00	26.45 -0.16 0.00	25.18 -0.20 0.00	24.28 -0.16 0.00	26.87 -0.19 0.00	33.69 -0.16 0.00	43.41 -0.19 0.00	35.91 -0.27 0.00	28.59 -0.17 0.00	26.19 -0.11 0.00	29.19 -0.11 0.00	29.57 -0.07 0.00	27.33 0.02 0.00	29.58 0.07 0.00	30.85 0.03 0.00	37.09 -0.05 0.00	45.00 -0.30 0.00	40.58 -0.58 0.00	38.42 -0.46 0.00	34.66 -0.41 0.00	37.25 -0.21 0.00	38.40 0.01 0.00	38.13 0.03 0.00	38.49 0.10 0.00
ROCHESRG_115KV_T4 355643	30.24 -1.16 0.00	25.65 -0.97 0.00	24.30 -1.09 0.00	23.38 -1.06 0.00	25.74 -1.32 0.00	32.28 -1.57 0.00	41.18 -2.42 0.00	32.83 -2.29 1.04	27.09 -1.67 0.00	25.14 -1.17 0.00	28.05 -1.25 0.00	28.49 -1.15 0.00	26.20 -1.12 0.00	28.24 -1.26 0.00	29.43 -1.39 0.00	35.37 -1.77 0.00	43.75 -1.55 0.00	40.33 -0.83 0.00	37.76 -1.11 0.00	33.92 -1.14 0.00	36.12 -1.34 0.00	36.39 -2.00 0.00	36.34 -1.76 0.00	36.93 -1.47 0.00
ROCHESTER_9_IC 23652	30.41 -0.99 0.00	25.79 -0.82 0.00	24.43 -0.96 0.00	23.51 -0.93 0.00	25.88 -1.18 0.00	32.47 -1.38 0.00	41.45 -2.15 0.00	33.04 -2.07 1.06	27.29 -1.48 0.00	25.32 -0.99 0.00	28.25 -1.04 0.00	28.70 -0.94 0.00	26.37 -0.94 0.00	28.44 -1.07 0.00	29.63 -1.19 0.00	35.63 -1.52 0.00	44.08 -1.22 0.00	40.66 -0.51 0.00	38.07 -0.81 0.00	34.20 -0.86 0.00	36.40 -1.06 0.00	36.66 -1.73 0.00	36.59 -1.51 0.00	37.18 -1.22 0.00
ROCKVIEW_13_KV_LD 356306	32.67 1.28 0.00	27.66 1.04 0.00	26.35 0.96 0.00	25.39 0.95 0.00	28.17 1.11 0.00	35.27 1.42 0.00	45.87 2.28 0.00	38.37 2.20 0.00	30.51 1.75 0.00	27.84 1.53 0.00	31.13 1.83 0.00	31.59 1.94 0.00	29.09 1.78 0.00	31.18 1.68 0.00	32.62 1.80 0.00	39.46 2.32 0.00	48.56 3.26 0.00	44.55 3.38 0.00	42.07 3.19 0.00	37.95 2.89 0.00	40.11 2.66 0.00	40.62 2.23 0.00	40.10 2.01 0.00	40.22 1.82 0.00
ROME_____115KV_TB2 80656	32.43 1.03 0.00	27.43 0.81 0.00	26.07 0.68 0.00	25.10 0.66 0.00	27.82 0.77 0.00	34.98 1.13 0.00	45.41 1.81 0.00	37.75 1.58 0.00	30.05 1.28 0.00	27.39 1.08 0.00	30.34 1.05 0.00	30.58 0.93 0.00	28.09 0.78 0.00	30.29 0.79 0.00	31.76 0.94 0.00	38.62 1.47 0.00	47.67 2.37 0.00	43.50 2.34 0.00	41.05 2.18 0.00	37.04 1.98 0.00	39.47 2.01 0.00	40.21 1.82 0.00	39.80 1.70 0.00	40.02 1.63 0.00

ROSETON___1 23587	32.36 0.96 0.00	27.42 0.80 0.00	26.13 0.75 0.00	25.18 0.73 0.00	27.93 0.87 0.00	34.94 1.09 0.00	45.38 1.78 0.00	37.91 1.74 0.00	30.12 1.36 0.00	27.47 1.17 0.00	30.73 1.43 0.00	31.16 1.52 0.00	28.70 1.39 0.00	30.79 1.29 0.00	32.22 1.40 0.00	38.95 1.81 0.00	47.88 2.58 0.00	43.86 2.70 0.00	41.43 2.55 0.00	37.39 2.33 0.00	39.55 2.09 0.00	40.12 1.73 0.00	39.66 1.56 0.00	39.81 1.42 0.00
ROSETON___2 23588	32.36 0.96 0.00	27.42 0.80 0.00	26.13 0.75 0.00	25.18 0.73 0.00	27.93 0.87 0.00	34.94 1.09 0.00	45.38 1.78 0.00	37.91 1.74 0.00	30.12 1.36 0.00	27.47 1.17 0.00	30.73 1.43 0.00	31.16 1.52 0.00	28.70 1.39 0.00	30.79 1.29 0.00	32.22 1.40 0.00	38.95 1.81 0.00	47.88 2.58 0.00	43.86 2.70 0.00	41.43 2.55 0.00	37.39 2.33 0.00	39.55 2.09 0.00	40.12 1.73 0.00	39.66 1.56 0.00	39.81 1.42 0.00
ROTTTRDAM_115KV_TB3 80664	32.18 0.78 0.00	27.25 0.63 0.00	25.97 0.58 0.00	25.03 0.58 0.00	27.74 0.68 0.00	34.73 0.88 0.00	44.90 1.30 0.00	37.39 1.22 0.00	29.67 0.90 0.00	27.07 0.77 0.00	30.21 0.91 0.00	30.58 0.94 0.00	28.14 0.83 0.00	30.34 0.83 0.00	31.79 0.97 0.00	38.44 1.30 0.00	47.13 1.83 0.00	43.04 1.88 0.00	40.61 1.74 0.00	36.63 1.57 0.00	38.90 1.44 0.00	39.66 1.26 0.00	39.28 1.19 0.00	39.49 1.09 0.00
RUSSELL___1 23602	30.55 -0.84 0.00	25.90 -0.71 0.00	24.53 -0.86 0.00	23.61 -0.83 0.00	25.99 -1.07 0.00	32.62 -1.23 0.00	41.66 -1.93 0.00	33.23 -1.87 1.06	27.44 -1.32 0.00	25.46 -0.84 0.00	28.42 -0.87 0.00	28.87 -0.78 0.00	26.52 -0.79 0.00	28.60 -0.91 0.00	29.80 -1.03 0.00	35.84 -1.30 0.00	44.36 -0.94 0.00	40.93 -0.23 0.00	38.33 -0.55 0.00	34.42 -0.64 0.00	36.65 -0.81 0.00	36.89 -1.50 0.00	36.81 -1.29 0.00	37.38 -1.02 0.00
RUSSELL___2 23532	30.55 -0.84 0.00	25.90 -0.71 0.00	24.53 -0.86 0.00	23.61 -0.83 0.00	25.99 -1.07 0.00	32.62 -1.23 0.00	41.66 -1.93 0.00	33.23 -1.87 1.06	27.44 -1.32 0.00	25.46 -0.84 0.00	28.42 -0.87 0.00	28.87 -0.78 0.00	26.52 -0.79 0.00	28.60 -0.91 0.00	29.80 -1.03 0.00	35.84 -1.30 0.00	44.36 -0.94 0.00	40.93 -0.23 0.00	38.33 -0.55 0.00	34.42 -0.64 0.00	36.65 -0.81 0.00	36.89 -1.50 0.00	36.81 -1.29 0.00	37.38 -1.02 0.00
RUSSELL___3 23549	30.55 -0.84 0.00	25.90 -0.71 0.00	24.53 -0.86 0.00	23.61 -0.83 0.00	25.99 -1.07 0.00	32.62 -1.23 0.00	41.66 -1.93 0.00	33.23 -1.87 1.06	27.44 -1.32 0.00	25.46 -0.84 0.00	28.42 -0.87 0.00	28.87 -0.78 0.00	26.52 -0.79 0.00	28.60 -0.91 0.00	29.80 -1.03 0.00	35.84 -1.30 0.00	44.36 -0.94 0.00	40.93 -0.23 0.00	38.33 -0.55 0.00	34.42 -0.64 0.00	36.65 -0.81 0.00	36.89 -1.50 0.00	36.81 -1.29 0.00	37.38 -1.02 0.00
RUSSELL___4 23556	30.55 -0.84 0.00	25.90 -0.71 0.00	24.53 -0.86 0.00	23.61 -0.83 0.00	25.99 -1.07 0.00	32.62 -1.23 0.00	41.66 -1.93 0.00	33.23 -1.87 1.06	27.44 -1.32 0.00	25.46 -0.84 0.00	28.42 -0.87 0.00	28.87 -0.78 0.00	26.52 -0.79 0.00	28.60 -0.91 0.00	29.80 -1.03 0.00	35.84 -1.30 0.00	44.36 -0.94 0.00	40.93 -0.23 0.00	38.33 -0.55 0.00	34.42 -0.64 0.00	36.65 -0.81 0.00	36.89 -1.50 0.00	36.81 -1.29 0.00	37.38 -1.02 0.00
RUSSELL___STATION 23914	30.55 -0.84 0.00	25.90 -0.71 0.00	24.53 -0.86 0.00	23.61 -0.83 0.00	25.99 -1.07 0.00	32.62 -1.23 0.00	41.66 -1.93 0.00	33.23 -1.87 1.06	27.44 -1.32 0.00	25.46 -0.84 0.00	28.42 -0.87 0.00	28.87 -0.78 0.00	26.52 -0.79 0.00	28.60 -0.91 0.00	29.80 -1.03 0.00	35.84 -1.30 0.00	44.36 -0.94 0.00	40.93 -0.23 0.00	38.33 -0.55 0.00	34.42 -0.64 0.00	36.65 -0.81 0.00	36.89 -1.50 0.00	36.81 -1.29 0.00	37.38 -1.02 0.00
S SALMON___HYD 24043	30.58 -0.82 0.00	25.86 -0.75 0.00	24.57 -0.82 0.00	23.61 -0.83 0.00	26.14 -0.92 0.00	32.88 -0.97 0.00	42.63 -0.97 0.00	35.60 -0.84 -0.27	28.14 -0.63 0.00	25.66 -0.64 0.00	28.47 -0.82 0.00	28.81 -0.83 0.00	26.54 -0.77 0.00	28.58 -0.92 0.00	29.91 -0.91 0.00	36.27 -0.88 0.00	44.73 -0.57 0.00	40.81 -0.35 0.00	38.51 -0.36 0.00	34.72 -0.34 0.00	37.04 -0.42 0.00	37.78 -0.61 0.00	37.45 -0.66 0.00	37.70 -0.70 0.00
S.PERRY___115KV_TB1 80734	31.75 0.36 0.00	26.88 0.27 0.00	25.40 0.01 0.00	24.44 0.00 0.00	26.92 -0.14 0.00	33.85 0.00 0.00	43.41 -0.19 0.00	37.42 0.41 -0.85	29.18 0.42 0.00	26.85 0.55 0.00	30.03 0.74 0.00	30.38 0.74 0.00	27.72 0.41 0.00	29.66 0.15 0.00	30.93 0.10 0.00	37.49 0.35 0.00	47.15 1.85 0.00	44.58 3.42 0.00	41.70 2.83 0.00	37.38 2.32 0.00	39.74 2.28 0.00	39.82 1.43 0.00	39.55 1.45 0.00	40.01 1.61 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.95 -1.45 0.00	25.40 -1.22 0.00	23.96 -1.42 0.00	23.05 -1.39 0.00	25.26 -1.79 0.00	31.69 -2.16 0.00	40.03 -3.57 0.00	31.87 -3.62 0.68	26.14 -2.63 0.00	24.47 -1.83 0.00	27.33 -1.96 0.00	27.85 -1.79 0.00	25.62 -1.69 0.00	27.69 -1.81 0.00	28.80 -2.02 0.00	34.42 -2.72 0.00	42.71 -2.59 0.00	39.55 -1.61 0.00	36.86 -2.02 0.00	33.01 -2.05 0.00	35.19 -2.27 0.00	35.15 -3.24 0.00	35.34 -2.76 0.00	36.27 -2.12 0.00
SAWYER___23_KV_LOAD 55526	29.95 -1.45 0.00	25.40 -1.22 0.00	23.96 -1.42 0.00	23.05 -1.39 0.00	25.26 -1.79 0.00	31.69 -2.16 0.00	40.03 -3.57 0.00	31.87 -3.62 0.68	26.14 -2.63 0.00	24.47 -1.83 0.00	27.33 -1.96 0.00	27.85 -1.79 0.00	25.62 -1.69 0.00	27.69 -1.81 0.00	28.80 -2.02 0.00	34.42 -2.72 0.00	42.71 -2.59 0.00	39.55 -1.61 0.00	36.86 -2.02 0.00	33.01 -2.05 0.00	35.19 -2.27 0.00	35.15 -3.24 0.00	35.34 -2.76 0.00	36.27 -2.12 0.00
SELKIRK___I 23801	31.93 0.53 0.00	27.05 0.43 0.00	25.78 0.39 0.00	24.83 0.39 0.00	27.53 0.48 0.00	34.45 0.60 0.00	44.51 0.91 0.00	37.06 0.89 0.00	29.44 0.67 0.00	26.89 0.59 0.00	30.03 0.73 0.00	30.36 0.72 0.00	27.96 0.65 0.00	30.19 0.69 0.00	31.70 0.88 0.00	38.31 1.17 0.00	46.92 1.62 0.00	42.86 1.69 0.00	40.42 1.54 0.00	36.49 1.43 0.00	38.71 1.25 0.00	39.49 1.09 0.00	39.14 1.04 0.00	39.35 0.96 0.00
SELKIRK___II 23799	31.75 0.36 0.00	26.91 0.30 0.00	25.65 0.27 0.00	24.71 0.27 0.00	27.40 0.35 0.00	34.28 0.42 0.00	44.30 0.70 0.00	36.90 0.73 0.00	29.32 0.55 0.00	26.79 0.48 0.00	29.92 0.63 0.00	30.26 0.62 0.00	27.87 0.56 0.00	30.06 0.56 0.00	31.55 0.73 0.00	38.13 0.98 0.00	46.70 1.40 0.00	42.69 1.53 0.00	40.26 1.39 0.00	36.35 1.29 0.00	38.57 1.11 0.00	39.31 0.92 0.00	38.93 0.83 0.00	39.12 0.72 0.00
SENECA OSWGO___HYD 24041	30.54 -0.86 0.00	25.89 -0.72 0.00	24.64 -0.75 0.00	23.73 -0.71 0.00	26.23 -0.82 0.00	32.85 -1.00 0.00	42.30 -1.30 0.00	35.45 -1.06 -0.34	27.94 -0.83 0.00	25.60 -0.71 0.00	28.48 -0.81 0.00	28.82 -0.82 0.00	26.50 -0.81 0.00	28.57 -0.94 0.00	29.89 -0.93 0.00	36.13 -1.01 0.00	44.42 -0.88 0.00	40.59 -0.57 0.00	38.25 -0.63 0.00	34.48 -0.58 0.00	36.69 -0.77 0.00	37.35 -1.04 0.00	37.04 -1.06 0.00	37.30 -1.10 0.00

SENECA___115KV_TB3 355854	30.50 -0.90 0.00	25.86 -0.75 0.00	24.40 -0.99 0.00	23.48 -0.97 0.00	25.75 -1.30 0.00	32.30 -1.55 0.00	40.86 -2.74 0.00	32.60 -2.94 0.63	26.65 -2.11 0.00	24.93 -1.38 0.00	27.87 -1.42 0.00	28.41 -1.23 0.00	26.12 -1.19 0.00	28.23 -1.28 0.00	29.37 -1.45 0.00	35.12 -2.02 0.00	43.64 -1.66 0.00	40.34 -0.82 0.00	37.61 -1.26 0.00	33.66 -1.40 0.00	35.86 -1.60 0.00	35.84 -2.55 0.00	36.01 -2.09 0.00	36.90 -1.50 0.00
SENECA___ENERGY 23797	30.90 -0.50 0.00	26.20 -0.41 0.00	24.90 -0.49 0.00	23.97 -0.47 0.00	26.48 -0.57 0.00	33.17 -0.68 0.00	42.68 -0.92 0.00	39.89 -0.60 -4.32	28.37 -0.39 0.00	26.06 -0.24 0.00	28.97 -0.33 0.00	29.27 -0.38 0.00	26.86 -0.45 0.00	28.93 -0.57 0.00	30.29 -0.53 0.00	36.65 -0.49 0.00	45.28 -0.02 0.00	41.43 0.26 0.00	38.98 0.10 0.00	35.07 0.01 0.00	37.24 -0.22 0.00	37.75 -0.64 0.00	37.46 -0.64 0.00	37.77 -0.63 0.00
SHOEMAKER___GT 23640	32.24 0.84 0.00	27.32 0.70 0.00	26.04 0.65 0.00	25.08 0.63 0.00	27.81 0.75 0.00	34.80 0.95 0.00	45.19 1.59 0.00	37.72 1.54 0.00	29.95 1.19 0.00	27.29 0.99 0.00	30.46 1.16 0.00	30.87 1.23 0.00	28.41 1.10 0.00	30.50 0.99 0.00	31.94 1.12 0.00	38.68 1.54 0.00	47.61 2.31 0.00	43.62 2.45 0.00	41.18 2.30 0.00	37.16 2.10 0.00	39.36 1.90 0.00	39.94 1.55 0.00	39.48 1.38 0.00	39.65 1.25 0.00
SHOEMAKR_138KV_BK 111 55601	32.23 0.84 0.00	27.31 0.70 0.00	26.02 0.64 0.00	25.07 0.63 0.00	27.81 0.75 0.00	34.80 0.94 0.00	45.17 1.58 0.00	37.71 1.53 0.00	29.95 1.19 0.00	27.29 0.99 0.00	30.47 1.18 0.00	30.89 1.24 0.00	28.44 1.13 0.00	30.52 1.02 0.00	31.96 1.14 0.00	38.68 1.53 0.00	47.59 2.30 0.00	43.61 2.45 0.00	41.17 2.29 0.00	37.14 2.08 0.00	39.34 1.88 0.00	39.92 1.53 0.00	39.46 1.36 0.00	39.62 1.23 0.00
SHOREHAM_IC_1 23715	33.73 2.33 0.00	28.52 1.90 0.00	27.06 1.68 0.00	26.13 1.69 0.00	28.98 1.92 0.00	36.28 2.43 0.00	47.39 3.79 0.00	39.61 3.44 0.00	31.08 2.32 0.00	28.05 1.75 0.00	31.34 2.05 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.50 1.99 0.00	33.04 2.22 0.00	40.32 3.18 0.00	81.38 4.37 -31.71	94.53 4.25 -49.12	42.72 3.84 0.00	39.17 3.47 -0.64	40.74 3.29 0.00	41.16 2.76 0.00	40.67 2.58 0.00	40.98 2.59 0.00
SHOREHAM_IC_2 23716	33.73 2.33 0.00	28.52 1.90 0.00	27.06 1.68 0.00	26.13 1.69 0.00	28.98 1.92 0.00	36.28 2.43 0.00	47.39 3.79 0.00	39.61 3.44 0.00	31.08 2.32 0.00	28.05 1.75 0.00	31.34 2.05 0.00	31.82 2.18 0.00	29.30 1.99 0.00	31.50 1.99 0.00	33.04 2.22 0.00	40.32 3.18 0.00	81.38 4.37 -31.71	94.53 4.25 -49.12	42.72 3.84 0.00	39.17 3.47 -0.64	40.74 3.29 0.00	41.16 2.76 0.00	40.67 2.58 0.00	40.98 2.59 0.00
SISSONVILLE____ 23735	31.51 0.12 0.00	26.70 0.08 0.00	25.46 0.07 0.00	24.48 0.04 0.00	27.11 0.05 0.00	33.98 0.13 0.00	43.86 0.26 0.00	36.16 -0.01 0.00	28.76 0.00 0.00	26.11 -0.19 0.00	28.86 -0.43 0.00	29.13 -0.51 0.00	26.97 -0.34 0.00	29.30 -0.21 0.00	30.45 -0.37 0.00	36.62 -0.52 0.00	44.29 -1.01 0.00	39.04 -2.12 0.00	37.64 -1.24 0.00	33.93 -1.13 0.00	36.64 -0.82 0.00	38.28 -0.11 0.00	37.87 -0.23 0.00	38.28 -0.11 0.00
SITHE_IND_GS1 24169	30.21 -1.19 0.00	25.62 -1.00 0.00	24.41 -0.98 0.00	23.51 -0.93 0.00	25.98 -1.07 0.00	32.49 -1.37 0.00	41.75 -1.84 0.00	34.66 -1.52 0.00	27.58 -1.19 0.00	25.29 -1.02 0.00	28.14 -1.15 0.00	28.48 -1.17 0.00	26.21 -1.10 0.00	28.27 -1.23 0.00	29.56 -1.26 0.00	35.67 -1.47 0.00	43.76 -1.54 0.00	39.92 -1.25 0.00	37.64 -1.24 0.00	33.92 -1.14 0.00	36.14 -1.32 0.00	36.83 -1.56 0.00	36.55 -1.55 0.00	36.85 -1.55 0.00
SITHE_IND_GS2 24170	30.21 -1.19 0.00	25.62 -1.00 0.00	24.41 -0.98 0.00	23.51 -0.93 0.00	25.98 -1.07 0.00	32.49 -1.37 0.00	41.75 -1.84 0.00	34.66 -1.52 0.00	27.58 -1.19 0.00	25.29 -1.02 0.00	28.14 -1.15 0.00	28.48 -1.17 0.00	26.21 -1.10 0.00	28.27 -1.23 0.00	29.56 -1.26 0.00	35.67 -1.47 0.00	43.76 -1.54 0.00	39.92 -1.25 0.00	37.64 -1.24 0.00	33.92 -1.14 0.00	36.14 -1.32 0.00	36.83 -1.56 0.00	36.55 -1.55 0.00	36.85 -1.55 0.00
SITHE_IND_GS3 24171	30.21 -1.19 0.00	25.62 -1.00 0.00	24.41 -0.98 0.00	23.51 -0.93 0.00	25.98 -1.07 0.00	32.49 -1.37 0.00	41.75 -1.84 0.00	34.66 -1.52 0.00	27.58 -1.19 0.00	25.29 -1.02 0.00	28.14 -1.15 0.00	28.48 -1.17 0.00	26.21 -1.10 0.00	28.27 -1.23 0.00	29.56 -1.26 0.00	35.67 -1.47 0.00	43.76 -1.54 0.00	39.92 -1.25 0.00	37.64 -1.24 0.00	33.92 -1.14 0.00	36.14 -1.32 0.00	36.83 -1.56 0.00	36.55 -1.55 0.00	36.85 -1.55 0.00
SITHE_IND_GS4 24172	30.21 -1.19 0.00	25.62 -1.00 0.00	24.41 -0.98 0.00	23.51 -0.93 0.00	25.98 -1.07 0.00	32.49 -1.37 0.00	41.75 -1.84 0.00	34.66 -1.52 0.00	27.58 -1.19 0.00	25.29 -1.02 0.00	28.14 -1.15 0.00	28.48 -1.17 0.00	26.21 -1.10 0.00	28.27 -1.23 0.00	29.56 -1.26 0.00	35.67 -1.47 0.00	43.76 -1.54 0.00	39.92 -1.25 0.00	37.64 -1.24 0.00	33.92 -1.14 0.00	36.14 -1.32 0.00	36.83 -1.56 0.00	36.55 -1.55 0.00	36.85 -1.55 0.00
SITHE___BATAVIA 24024	30.66 -0.74 0.00	25.98 -0.64 0.00	24.54 -0.85 0.00	23.58 -0.86 0.00	25.90 -1.16 0.00	32.59 -1.26 0.00	41.40 -2.20 0.00	32.96 -2.33 0.88	27.17 -1.59 0.00	25.38 -0.93 0.00	28.29 -1.00 0.00	28.78 -0.86 0.00	26.42 -0.89 0.00	22.56 -1.01 5.93	29.58 -1.24 0.00	35.52 -1.62 0.00	44.25 -1.05 0.00	36.20 -0.08 4.88	35.27 -0.56 3.05	33.34 -0.74 0.98	34.89 -0.93 1.64	36.25 -1.89 0.26	36.56 -1.53 0.00	37.01 -1.02 0.37
SITHE___INDEPEND 23800	30.21 -1.19 0.00	25.62 -1.00 0.00	24.41 -0.97 0.00	23.51 -0.93 0.00	25.98 -1.07 0.00	32.49 -1.36 0.00	41.75 -1.85 0.00	34.65 -1.52 0.00	27.58 -1.19 0.00	25.29 -1.02 0.00	28.14 -1.15 0.00	28.48 -1.17 0.00	26.21 -1.10 0.00	28.27 -1.23 0.00	29.57 -1.26 0.00	35.68 -1.47 0.00	43.76 -1.53 0.00	39.92 -1.25 0.00	37.63 -1.24 0.00	33.92 -1.14 0.00	36.13 -1.33 0.00	36.84 -1.56 0.00	36.55 -1.55 0.00	36.85 -1.55 0.00
SITHE___MASSENA 23902	32.12 0.72 0.00	27.24 0.62 0.00	26.00 0.62 0.00	25.01 0.56 0.00	27.66 0.60 0.00	34.61 0.75 0.00	44.49 0.89 0.00	36.67 0.49 0.00	29.16 0.39 0.00	26.58 0.28 0.00	29.44 0.15 0.00	29.74 0.09 0.00	27.50 0.19 0.00	29.88 0.37 0.00	31.04 0.22 0.00	37.26 0.11 0.00	44.96 -0.34 0.00	39.80 -1.36 0.00	38.23 -0.65 0.00	34.45 -0.61 0.00	37.18 -0.28 0.00	38.76 0.37 0.00	38.41 0.31 0.00	38.87 0.47 0.00
SITHE___OGDNSBRG 24021	32.50 1.11 0.00	27.54 0.92 0.00	26.29 0.91 0.00	25.28 0.84 0.00	28.00 0.94 0.00	35.10 1.25 0.00	45.28 1.68 0.00	37.34 1.17 0.00	29.66 0.90 0.00	26.89 0.58 0.00	29.64 0.35 0.00	29.91 0.27 0.00	27.70 0.40 0.00	30.12 0.62 0.00	31.33 0.51 0.00	37.70 0.56 0.00	45.67 0.37 0.00	40.28 -0.88 0.00	38.75 -0.13 0.00	34.92 -0.14 0.00	37.73 0.27 0.00	39.39 0.99 0.00	38.97 0.87 0.00	39.43 1.04 0.00

SITHE___STERLING 23777	32.13 0.73 0.00	27.20 0.58 0.00	25.87 0.48 0.00	24.91 0.47 0.00	27.61 0.55 0.00	34.66 0.81 0.00	44.91 1.31 0.00	37.36 1.19 0.00	29.71 0.95 0.00	27.10 0.79 0.00	30.05 0.76 0.00	30.32 0.68 0.00	27.85 0.54 0.00	30.03 0.53 0.00	31.46 0.64 0.00	38.18 1.03 0.00	47.11 1.81 0.00	43.01 1.85 0.00	40.57 1.69 0.00	36.58 1.52 0.00	38.95 1.49 0.00	39.67 1.27 0.00	39.28 1.18 0.00	39.51 1.11 0.00
SLEIGHT__34_KV_TB1 80719	30.52 -0.87 0.00	25.88 -0.73 0.00	24.58 -0.81 0.00	23.67 -0.78 0.00	26.10 -0.96 0.00	32.74 -1.11 0.00	42.01 -1.59 0.00	33.58 -1.44 1.15	27.72 -1.04 0.00	25.57 -0.73 0.00	28.51 -0.78 0.00	28.87 -0.77 0.00	26.52 -0.79 0.00	28.59 -0.91 0.00	29.87 -0.95 0.00	36.05 -1.09 0.00	44.51 -0.79 0.00	40.89 -0.27 0.00	38.37 -0.51 0.00	34.50 -0.56 0.00	36.70 -0.76 0.00	37.10 -1.29 0.00	36.91 -1.19 0.00	37.34 -1.06 0.00
SOUTH CAIRO___GT 23612	33.08 1.68 0.00	27.99 1.38 0.00	26.66 1.27 0.00	25.69 1.24 0.00	28.51 1.45 0.00	35.78 1.92 0.00	46.35 2.75 0.00	38.67 2.50 0.00	30.69 1.93 0.00	27.85 1.55 0.00	30.85 1.55 0.00	31.07 1.43 0.00	28.57 1.26 0.00	30.94 1.44 0.00	32.65 1.83 0.00	39.78 2.64 0.00	49.21 3.91 0.00	45.19 4.03 0.00	42.59 3.71 0.00	38.41 3.35 0.00	40.69 3.23 0.00	41.44 3.04 0.00	40.97 2.87 0.00	41.11 2.71 0.00
SOUTH HAMPTN___IC 23720	34.04 2.64 0.00	28.78 2.17 0.00	27.30 1.92 0.00	26.38 1.94 0.00	29.26 2.20 0.00	36.64 2.79 0.00	47.87 4.27 0.00	40.01 3.84 0.00	31.46 2.70 0.00	28.42 2.11 0.00	31.75 2.46 0.00	32.20 2.56 0.00	29.65 2.34 0.00	31.88 2.37 0.00	33.42 2.60 0.00	40.69 3.55 0.00	82.06 5.05 -31.71	95.24 4.96 -49.12	43.38 4.51 0.00	39.74 4.05 -0.64	41.34 3.88 0.00	41.72 3.33 0.00	41.25 3.15 0.00	41.50 3.10 0.00
SOUTHDOW_115KV_TB1 355954	31.98 0.59 0.00	27.11 0.50 0.00	25.60 0.21 0.00	24.66 0.22 0.00	27.15 0.10 0.00	34.04 0.19 0.00	43.27 -0.33 0.00	34.80 -0.89 0.48	28.24 -0.52 0.00	26.29 -0.02 0.00	29.51 0.22 0.00	30.17 0.53 0.00	27.73 0.42 0.00	29.94 0.44 0.00	31.15 0.33 0.00	37.24 0.10 0.00	46.35 1.05 0.00	42.82 1.65 0.00	39.97 1.10 0.00	35.75 0.69 0.00	37.96 0.50 0.00	37.99 -0.40 0.00	38.01 -0.09 0.00	38.77 0.38 0.00
SOUTHOLD_69_KV_BK 2 55809	34.53 3.14 0.00	29.20 2.58 0.00	27.69 2.31 0.00	26.76 2.32 0.00	29.69 2.64 0.00	37.20 3.35 0.00	48.62 5.02 0.00	40.66 4.49 0.00	31.99 3.23 0.00	28.88 2.58 0.00	32.23 2.94 0.00	32.67 3.02 0.00	30.07 2.76 0.00	32.34 2.84 0.00	33.85 3.03 0.00	40.63 3.49 0.00	82.94 5.93 -31.71	96.14 5.86 -49.12	44.25 5.38 0.00	40.46 4.76 -0.64	42.05 4.59 0.00	42.42 4.03 0.00	41.94 3.84 0.00	42.15 3.75 0.00
SOUTHOLD___IC 23719	34.53 3.13 0.00	29.20 2.58 0.00	27.69 2.31 0.00	26.76 2.32 0.00	29.69 2.64 0.00	37.20 3.35 0.00	48.62 5.02 0.00	40.66 4.49 0.00	31.99 3.23 0.00	28.88 2.58 0.00	32.23 2.94 0.00	32.67 3.02 0.00	30.06 2.75 0.00	32.34 2.84 0.00	33.85 3.03 0.00	40.63 3.49 0.00	82.94 5.93 -31.71	96.14 5.85 -49.12	44.25 5.37 0.00	40.45 4.76 -0.64	42.05 4.59 0.00	42.42 4.03 0.00	41.94 3.84 0.00	42.15 3.75 0.00
SOUTH_FORK_WT_PWR 323839	34.57 3.18 0.00	29.24 2.63 0.00	27.73 2.34 0.00	26.81 2.36 0.00	29.74 2.68 0.00	37.26 3.41 0.00	48.70 5.10 0.00	40.73 4.56 0.00	32.03 3.26 0.00	28.91 2.61 0.00	32.27 2.98 0.00	32.70 3.06 0.00	30.10 2.79 0.00	32.37 2.87 0.00	33.92 3.10 0.00	41.02 3.88 0.00	83.02 6.01 -31.71	96.20 5.91 -49.12	44.30 5.42 0.00	40.48 4.78 -0.64	42.04 4.58 0.00	42.41 4.02 0.00	41.94 3.85 0.00	42.16 3.76 0.00
SPIERFLS_115KV_TB 1 80737	32.94 1.54 0.00	27.86 1.24 0.00	26.55 1.16 0.00	25.64 1.19 0.00	28.45 1.39 0.00	35.69 1.84 0.00	46.29 2.69 0.00	38.66 2.49 0.00	30.75 1.99 0.00	28.11 1.81 0.00	31.38 2.09 0.00	31.76 2.12 0.00	29.01 1.70 0.00	31.03 1.53 0.00	32.32 1.50 0.00	39.10 1.96 0.00	48.04 2.74 0.00	43.84 2.68 0.00	41.34 2.46 0.00	37.22 2.16 0.00	39.35 1.89 0.00	40.07 1.68 0.00	39.68 1.58 0.00	39.82 1.42 0.00
ST LAWRENCE____ 23600	31.73 0.34 0.00	26.92 0.30 0.00	25.70 0.31 0.00	24.72 0.27 0.00	27.34 0.28 0.00	34.19 0.34 0.00	43.91 0.31 0.00	36.21 0.04 0.00	28.81 0.05 0.00	26.35 0.04 0.00	29.20 -0.09 0.00	29.50 -0.14 0.00	27.28 -0.03 0.00	29.63 0.12 0.00	30.78 -0.04 0.00	36.92 -0.22 0.00	44.54 -0.76 0.00	39.85 -1.31 0.00	37.89 -0.99 0.00	34.14 -0.92 0.00	36.82 -0.64 0.00	38.28 -0.11 0.00	38.07 -0.03 0.00	38.51 0.11 0.00
STATE_CA_115KV_115_LB 55624	31.74 0.34 0.00	26.90 0.28 0.00	25.64 0.25 0.00	24.70 0.26 0.00	27.40 0.34 0.00	34.29 0.44 0.00	44.33 0.74 0.00	36.95 0.78 0.00	29.35 0.59 0.00	26.83 0.52 0.00	29.98 0.68 0.00	30.32 0.67 0.00	27.93 0.62 0.00	30.13 0.63 0.00	31.65 0.82 0.00	38.27 1.12 0.00	46.86 1.56 0.00	42.83 1.66 0.00	40.39 1.51 0.00	36.46 1.39 0.00	38.65 1.19 0.00	39.39 1.00 0.00	38.98 0.88 0.00	39.15 0.75 0.00
STATE_ST_34_KV_LOAD 55959	31.23 -0.17 0.00	26.47 -0.14 0.00	25.27 -0.12 0.00	24.33 -0.11 0.00	26.89 -0.17 0.00	33.60 -0.25 0.00	43.26 -0.34 0.00	37.84 -0.22 -1.89	28.60 -0.16 0.00	26.21 -0.10 0.00	29.16 -0.13 0.00	29.46 -0.19 0.00	27.08 -0.23 0.00	29.20 -0.30 0.00	30.56 -0.26 0.00	36.97 -0.17 0.00	45.59 0.29 0.00	41.68 0.51 0.00	39.23 0.35 0.00	35.33 0.27 0.00	37.58 0.11 0.00	38.17 -0.22 0.00	37.88 -0.22 0.00	38.15 -0.24 0.00
STATION 5_MISC_HYD 23604	30.41 -0.99 0.00	25.79 -0.82 0.00	24.43 -0.96 0.00	23.51 -0.94 0.00	25.88 -1.18 0.00	32.47 -1.38 0.00	41.45 -2.15 0.00	33.05 -2.06 1.06	27.29 -1.48 0.00	25.31 -0.99 0.00	28.25 -1.04 0.00	28.70 -0.94 0.00	26.37 -0.94 0.00	24.93 -1.07 3.51	29.63 -1.19 0.00	35.63 -1.51 0.00	44.09 -1.21 0.00	37.58 -0.48 3.11	36.16 -0.78 1.94	33.59 -0.85 0.62	35.36 -1.05 1.05	36.50 -1.73 0.16	36.59 -1.51 0.00	36.95 -1.22 0.23
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.90 -0.50 0.00	26.20 -0.41 0.00	24.85 -0.53 0.00	23.92 -0.52 0.00	26.39 -0.67 0.00	33.12 -0.73 0.00	42.49 -1.11 0.00	32.48 -0.95 2.74	28.12 -0.64 0.00	25.95 -0.35 0.00	28.93 -0.36 0.00	29.29 -0.35 0.00	26.89 -0.42 0.00	28.97 -0.53 0.00	30.26 -0.56 0.00	36.53 -0.62 0.00	45.17 -0.13 0.00	41.51 0.34 0.00	38.96 0.08 0.00	35.02 -0.04 0.00	37.25 -0.21 0.00	37.62 -0.77 0.00	37.41 -0.69 0.00	37.85 -0.54 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.29 -1.11 0.00	25.69 -0.93 0.00	24.34 -1.05 0.00	23.42 -1.02 0.00	25.79 -1.26 0.00	32.37 -1.49 0.00	41.36 -2.24 0.00	32.72 -2.10 1.35	27.24 -1.52 0.00	25.26 -1.04 0.00	28.19 -1.11 0.00	28.62 -1.02 0.00	26.30 -1.01 0.00	28.35 -1.15 0.00	29.56 -1.26 0.00	35.56 -1.58 0.00	43.98 -1.32 0.00	40.53 -0.63 0.00	37.97 -0.90 0.00	34.10 -0.96 0.00	36.30 -1.16 0.00	36.58 -1.81 0.00	36.49 -1.61 0.00	37.04 -1.36 0.00

STA_56___34_KV_BUS2 355983	30.29 -1.11 0.00	25.69 -0.93 0.00	24.34 -1.05 0.00	23.42 -1.02 0.00	25.79 -1.26 0.00	32.37 -1.49 0.00	41.36 -2.24 0.00	32.72 -2.10 1.35	27.24 -1.52 0.00	25.26 -1.04 0.00	28.19 -1.11 0.00	28.62 -1.02 0.00	26.30 -1.01 0.00	28.35 -1.15 0.00	29.56 -1.26 0.00	35.56 -1.58 0.00	43.98 -1.32 0.00	40.53 -0.63 0.00	37.97 -0.90 0.00	34.10 -0.96 0.00	36.30 -1.16 0.00	36.58 -1.81 0.00	36.49 -1.61 0.00	37.04 -1.36 0.00
STA_67___115KV_BK2 355882	30.35 -1.05 0.00	25.74 -0.87 0.00	24.38 -1.01 0.00	23.46 -0.98 0.00	25.83 -1.23 0.00	32.40 -1.45 0.00	41.35 -2.25 0.00	32.96 -2.15 1.06	27.21 -1.55 0.00	25.25 -1.05 0.00	28.18 -1.12 0.00	28.63 -1.01 0.00	26.31 -1.00 0.00	28.36 -1.14 0.00	29.56 -1.27 0.00	35.53 -1.61 0.00	43.95 -1.34 0.00	40.54 -0.62 0.00	37.96 -0.92 0.00	34.10 -0.97 0.00	36.29 -1.17 0.00	36.56 -1.83 0.00	36.50 -1.60 0.00	37.08 -1.31 0.00
STA_7___115KV_9TRANS 80674	30.55 -0.84 0.00	25.90 -0.71 0.00	24.53 -0.86 0.00	23.61 -0.83 0.00	25.99 -1.07 0.00	32.62 -1.23 0.00	41.66 -1.93 0.00	33.23 -1.87 1.06	27.44 -1.32 0.00	25.46 -0.84 0.00	28.42 -0.87 0.00	28.87 -0.78 0.00	26.52 -0.79 0.00	28.60 -0.91 0.00	29.80 -1.03 0.00	35.84 -1.30 0.00	44.36 -0.94 0.00	40.93 -0.23 0.00	38.33 -0.55 0.00	34.42 -0.64 0.00	36.65 -0.81 0.00	36.89 -1.50 0.00	36.81 -1.29 0.00	37.38 -1.02 0.00
STA_82___115KV_TB1 80780	30.36 -1.03 0.00	25.75 -0.86 0.00	24.40 -0.99 0.00	23.47 -0.97 0.00	25.84 -1.22 0.00	32.42 -1.44 0.00	41.38 -2.22 0.00	32.97 -2.12 1.08	27.23 -1.53 0.00	25.27 -1.04 0.00	28.19 -1.10 0.00	28.65 -1.00 0.00	26.33 -0.99 0.00	28.38 -1.12 0.00	29.57 -1.25 0.00	35.56 -1.59 0.00	43.99 -1.31 0.00	40.59 -0.58 0.00	38.00 -0.88 0.00	34.13 -0.93 0.00	36.33 -1.13 0.00	36.59 -1.81 0.00	36.53 -1.57 0.00	37.12 -1.28 0.00
STEEL___WIND 323596	30.48 -0.91 0.00	25.84 -0.78 0.00	24.37 -1.01 0.00	23.44 -1.00 0.00	25.72 -1.33 0.00	32.26 -1.59 0.00	40.80 -2.80 0.00	32.55 -2.99 0.63	26.61 -2.16 0.00	24.88 -1.42 0.00	27.84 -1.45 0.00	28.37 -1.28 0.00	26.08 -1.23 0.00	19.15 -1.31 9.05	29.33 -1.49 0.00	35.09 -2.06 0.00	43.60 -1.69 0.00	33.16 -0.84 7.17	33.11 -1.29 4.48	32.20 -1.43 1.43	33.42 -1.63 2.41	35.43 -2.58 0.38	35.98 -2.12 0.00	36.33 -1.53 0.54
STEPHTWN_115KV_BK_2 55603	31.96 0.56 0.00	27.07 0.46 0.00	25.79 0.40 0.00	24.86 0.42 0.00	27.59 0.54 0.00	34.56 0.71 0.00	44.83 1.23 0.00	37.33 1.16 0.00	29.59 0.83 0.00	27.02 0.71 0.00	30.14 0.85 0.00	30.46 0.82 0.00	28.12 0.81 0.00	30.36 0.86 0.00	31.89 1.07 0.00	38.63 1.49 0.00	47.33 2.04 0.00	43.37 2.21 0.00	40.93 2.05 0.00	36.92 1.87 0.00	39.18 1.72 0.00	39.88 1.49 0.00	39.43 1.34 0.00	39.45 1.05 0.00
STEBUBEN_REC_LFGE 323667	31.61 0.22 0.00	26.76 0.14 0.00	25.26 -0.13 0.00	24.27 -0.17 0.00	26.73 -0.32 0.00	33.61 -0.24 0.00	43.08 -0.52 0.00	39.23 0.78 -2.28	29.43 0.67 0.00	26.95 0.65 0.00	30.14 0.85 0.00	30.51 0.87 0.00	27.89 0.58 0.00	29.98 0.48 0.00	31.42 0.60 0.00	38.13 0.98 0.00	47.56 2.27 0.00	42.93 1.77 0.00	40.24 1.36 0.00	36.20 1.14 0.00	38.41 0.95 0.00	38.88 0.49 0.00	38.55 0.45 0.00	38.94 0.55 0.00
STILLWATER___SOLAR 323814	32.66 1.27 0.00	27.65 1.03 0.00	26.35 0.96 0.00	25.41 0.97 0.00	28.19 1.13 0.00	35.32 1.47 0.00	45.72 2.12 0.00	38.14 1.97 0.00	30.35 1.59 0.00	27.73 1.43 0.00	30.95 1.66 0.00	31.20 1.56 0.00	28.62 1.32 0.00	30.79 1.28 0.00	32.29 1.47 0.00	39.10 1.96 0.00	48.01 2.71 0.00	43.86 2.70 0.00	41.36 2.49 0.00	37.28 2.22 0.00	39.53 2.07 0.00	40.29 1.89 0.00	39.87 1.77 0.00	40.04 1.65 0.00
STONY___BROOK 24151	33.56 2.16 0.00	28.37 1.76 0.00	26.92 1.54 0.00	26.00 1.56 0.00	28.83 1.77 0.00	36.06 2.21 0.00	47.06 3.46 0.00	39.29 3.12 0.00	31.12 2.36 0.00	28.22 1.92 0.00	31.64 2.35 0.00	32.09 2.45 0.00	29.56 2.25 0.00	31.75 2.25 0.00	33.27 2.45 0.00	40.43 3.29 0.00	81.61 4.60 -31.71	94.88 4.60 -49.12	43.07 4.19 0.00	39.52 3.82 -0.64	41.12 3.66 0.00	41.51 3.12 0.00	41.03 2.93 0.00	41.22 2.83 0.00
STURGEON_POOL_HYD 23609	32.46 1.06 0.00	27.50 0.88 0.00	26.21 0.82 0.00	25.24 0.80 0.00	28.00 0.94 0.00	35.02 1.17 0.00	45.47 1.88 0.00	37.97 1.81 0.00	30.18 1.42 0.00	27.53 1.23 0.00	30.79 1.50 0.00	31.22 1.58 0.00	28.75 1.44 0.00	30.84 1.34 0.00	32.38 1.55 0.00	39.22 2.08 0.00	48.28 2.98 0.00	44.28 3.11 0.00	41.83 2.95 0.00	37.78 2.72 0.00	39.94 2.48 0.00	40.43 2.04 0.00	39.95 1.85 0.00	40.07 1.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.35 0.95 0.00	27.39 0.78 0.00	26.11 0.73 0.00	25.15 0.70 0.00	27.90 0.84 0.00	34.93 1.08 0.00	45.39 1.79 0.00	37.90 1.73 0.00	30.11 1.35 0.00	27.43 1.13 0.00	30.66 1.36 0.00	31.10 1.46 0.00	28.64 1.33 0.00	30.70 1.20 0.00	32.13 1.30 0.00	38.88 1.73 0.00	47.87 2.57 0.00	43.88 2.72 0.00	41.44 2.57 0.00	37.37 2.31 0.00	39.56 2.10 0.00	40.10 1.70 0.00	39.61 1.51 0.00	39.77 1.37 0.00
SWANROAD_115KV_TB1 355699	29.26 -2.14 0.00	24.81 -1.81 0.00	23.41 -1.98 0.00	22.50 -1.94 0.00	24.61 -2.44 0.00	30.92 -2.93 0.00	38.98 -4.62 0.00	30.89 -4.54 0.74	25.45 -3.32 0.00	23.88 -2.43 0.00	26.63 -2.67 0.00	27.13 -2.52 0.00	24.96 -2.35 0.00	26.98 -2.53 0.00	28.03 -2.79 0.00	33.45 -3.69 0.00	41.55 -3.75 0.00	38.52 -2.65 0.00	35.92 -2.96 0.00	32.17 -2.89 0.00	34.28 -3.18 0.00	34.22 -4.18 0.00	34.45 -3.65 0.00	35.46 -2.94 0.00
SYNERGY___BIOGAS 323694	30.66 -0.74 0.00	25.98 -0.64 0.00	24.54 -0.85 0.00	23.58 -0.86 0.00	25.90 -1.16 0.00	32.59 -1.26 0.00	41.40 -2.20 0.00	32.96 -2.33 0.88	27.17 -1.59 0.00	25.38 -0.93 0.00	28.29 -1.00 0.00	28.78 -0.86 0.00	26.42 -0.89 0.00	22.56 -1.01 5.93	29.58 -1.24 0.00	35.52 -1.62 0.00	44.25 -1.05 0.00	36.20 -0.08 4.88	35.27 -0.56 3.05	33.34 -0.74 0.98	34.89 -0.93 1.64	36.25 -1.89 0.26	36.56 -1.53 0.00	37.01 -1.02 0.37
SYRACUSE___ENERGY_ST1 323597	30.99 -0.41 0.00	26.27 -0.34 0.00	25.02 -0.37 0.00	24.10 -0.35 0.00	26.65 -0.41 0.00	33.36 -0.49 0.00	42.96 -0.64 0.00	36.50 -0.49 -0.82	28.38 -0.38 0.00	26.01 -0.30 0.00	28.94 -0.36 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.03 -0.47 0.00	30.38 -0.44 0.00	36.73 -0.42 0.00	45.16 -0.14 0.00	41.25 0.09 0.00	38.86 -0.02 0.00	35.02 -0.05 0.00	37.26 -0.20 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.87 -0.53 0.00
SYRACUSE___ENERGY_ST2 323598	30.99 -0.41 0.00	26.27 -0.34 0.00	25.02 -0.37 0.00	24.10 -0.35 0.00	26.65 -0.41 0.00	33.36 -0.49 0.00	42.96 -0.64 0.00	36.50 -0.49 -0.82	28.38 -0.38 0.00	26.01 -0.30 0.00	28.94 -0.36 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.03 -0.47 0.00	30.38 -0.44 0.00	36.73 -0.42 0.00	45.16 -0.14 0.00	41.25 0.09 0.00	38.86 -0.02 0.00	35.02 -0.05 0.00	37.26 -0.20 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.87 -0.53 0.00

SYRACUSE___POWER 24017	31.00 -0.40 0.00	26.28 -0.34 0.00	25.01 -0.38 0.00	24.09 -0.35 0.00	26.64 -0.42 0.00	33.37 -0.48 0.00	42.95 -0.65 0.00	36.13 -0.48 -0.44	28.39 -0.38 0.00	26.01 -0.29 0.00	28.96 -0.34 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.02 -0.48 0.00	30.38 -0.44 0.00	36.72 -0.43 0.00	45.17 -0.12 0.00	41.27 0.11 0.00	38.88 0.00 0.00	35.03 -0.03 0.00	37.27 -0.19 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.88 -0.52 0.00
TALLMAN___138KV_BK151 55660	32.43 1.03 0.00	27.45 0.84 0.00	26.17 0.78 0.00	25.21 0.76 0.00	27.98 0.92 0.00	35.04 1.19 0.00	45.57 1.97 0.00	38.06 1.89 0.00	30.23 1.47 0.00	27.54 1.24 0.00	30.80 1.51 0.00	31.28 1.63 0.00	28.79 1.48 0.00	30.83 1.32 0.00	32.24 1.42 0.00	39.00 1.86 0.00	48.06 2.76 0.00	44.09 2.92 0.00	41.63 2.76 0.00	37.54 2.48 0.00	39.70 2.24 0.00	40.20 1.81 0.00	39.71 1.61 0.00	39.86 1.47 0.00
TEALLAVE_115KV_TB7 355573	30.79 -0.61 0.00	26.10 -0.52 0.00	24.84 -0.54 0.00	23.93 -0.51 0.00	26.46 -0.60 0.00	33.13 -0.72 0.00	42.61 -0.99 0.00	35.64 -0.80 -0.27	28.15 -0.61 0.00	25.81 -0.50 0.00	28.73 -0.56 0.00	29.07 -0.57 0.00	26.74 -0.57 0.00	28.82 -0.68 0.00	30.17 -0.66 0.00	36.45 -0.69 0.00	44.80 -0.50 0.00	40.93 -0.23 0.00	38.55 -0.33 0.00	34.74 -0.32 0.00	36.96 -0.50 0.00	37.60 -0.79 0.00	37.30 -0.80 0.00	37.59 -0.81 0.00
TELGRAPH_34_KV_EAST 80808	30.13 -1.27 0.00	25.54 -1.07 0.00	24.11 -1.28 0.00	23.18 -1.26 0.00	25.42 -1.64 0.00	31.95 -1.90 0.00	40.44 -3.16 0.00	32.10 -3.24 0.83	26.47 -2.30 0.00	24.77 -1.53 0.00	27.63 -1.66 0.00	28.12 -1.52 0.00	25.86 -1.45 0.00	27.91 -1.59 0.00	29.01 -1.81 0.00	34.74 -2.41 0.00	43.18 -2.12 0.00	40.02 -1.15 0.00	37.31 -1.57 0.00	33.41 -1.65 0.00	35.59 -1.87 0.00	35.55 -2.84 0.00	35.70 -2.40 0.00	36.61 -1.79 0.00
TEMPLE___115KV_TB 2 55572	30.80 -0.59 0.00	26.12 -0.50 0.00	24.86 -0.53 0.00	23.94 -0.50 0.00	26.47 -0.58 0.00	33.15 -0.70 0.00	42.64 -0.96 0.00	35.66 -0.77 -0.26	28.18 -0.59 0.00	25.83 -0.48 0.00	28.75 -0.54 0.00	29.10 -0.54 0.00	26.76 -0.55 0.00	28.86 -0.65 0.00	30.20 -0.63 0.00	36.48 -0.66 0.00	44.84 -0.46 0.00	40.97 -0.19 0.00	38.58 -0.30 0.00	34.77 -0.29 0.00	36.99 -0.47 0.00	37.62 -0.77 0.00	37.32 -0.78 0.00	37.60 -0.79 0.00
TIANA____69_KV_BK 1 55817	33.95 2.55 0.00	28.70 2.09 0.00	27.22 1.84 0.00	26.30 1.86 0.00	29.17 2.11 0.00	36.53 2.67 0.00	47.72 4.12 0.00	39.89 3.72 0.00	31.37 2.61 0.00	28.33 2.03 0.00	31.66 2.37 0.00	32.12 2.47 0.00	29.58 2.27 0.00	31.79 2.28 0.00	33.34 2.52 0.00	40.61 3.46 0.00	81.90 4.89 -31.71	95.12 4.83 -49.12	43.25 4.38 0.00	39.63 3.94 -0.64	41.23 3.77 0.00	41.63 3.24 0.00	41.14 3.04 0.00	41.39 3.00 0.00
TILDEN___115KV_TB1 80814	31.00 -0.40 0.00	26.28 -0.34 0.00	25.01 -0.38 0.00	24.09 -0.35 0.00	26.64 -0.42 0.00	33.37 -0.48 0.00	42.95 -0.65 0.00	36.13 -0.48 -0.44	28.39 -0.38 0.00	26.01 -0.29 0.00	28.96 -0.34 0.00	29.28 -0.36 0.00	26.92 -0.39 0.00	29.02 -0.48 0.00	30.38 -0.44 0.00	36.72 -0.43 0.00	45.17 -0.12 0.00	41.27 0.11 0.00	38.88 0.00 0.00	35.03 -0.03 0.00	37.27 -0.19 0.00	37.91 -0.48 0.00	37.61 -0.49 0.00	37.88 -0.52 0.00
TRIGEN___CC 323695	33.06 1.66 0.00	27.96 1.35 0.00	26.59 1.21 0.00	25.65 1.20 0.00	28.45 1.39 0.00	35.61 1.76 0.00	46.38 2.79 0.00	38.77 2.60 0.00	30.79 2.02 0.00	28.03 1.72 0.00	31.42 2.13 0.00	31.87 2.23 0.00	29.36 2.05 0.00	31.48 1.98 0.00	32.95 2.13 0.00	39.88 2.74 0.00	80.81 3.80 -31.71	94.19 3.91 -49.12	42.54 3.66 0.00	39.01 3.31 -0.64	40.57 3.12 0.00	41.02 2.62 0.00	40.50 2.40 0.00	40.64 2.24 0.00
TRINITY___115KV___ 4 BK 55933	31.64 0.24 0.00	26.81 0.19 0.00	25.56 0.17 0.00	24.62 0.18 0.00	27.31 0.25 0.00	34.16 0.31 0.00	44.16 0.56 0.00	36.79 0.62 0.00	29.23 0.46 0.00	26.71 0.41 0.00	29.86 0.57 0.00	30.19 0.55 0.00	27.81 0.50 0.00	30.00 0.50 0.00	31.51 0.69 0.00	38.09 0.95 0.00	46.64 1.34 0.00	42.63 1.47 0.00	40.20 1.32 0.00	36.30 1.23 0.00	38.49 1.03 0.00	39.24 0.84 0.00	38.83 0.73 0.00	39.01 0.61 0.00
UNION___PROCESSING_DRP 323587	30.38 -1.02 0.00	25.77 -0.85 0.00	24.40 -0.98 0.00	23.49 -0.95 0.00	25.85 -1.21 0.00	32.43 -1.42 0.00	41.40 -2.20 0.00	32.97 -2.11 1.08	27.24 -1.53 0.00	25.28 -1.03 0.00	28.21 -1.08 0.00	28.66 -0.98 0.00	26.34 -0.97 0.00	28.39 -1.11 0.00	29.58 -1.24 0.00	35.57 -1.58 0.00	44.01 -1.29 0.00	40.60 -0.56 0.00	38.01 -0.86 0.00	34.14 -0.92 0.00	36.36 -1.10 0.00	36.61 -1.78 0.00	36.54 -1.56 0.00	37.13 -1.27 0.00
UPPER HUDSON___HYD 24058	32.94 1.54 0.00	27.86 1.24 0.00	26.55 1.16 0.00	25.63 1.19 0.00	28.45 1.39 0.00	35.69 1.84 0.00	46.29 2.69 0.00	38.66 2.49 0.00	30.75 1.99 0.00	28.11 1.81 0.00	31.38 2.08 0.00	31.76 2.12 0.00	29.01 1.70 0.00	31.03 1.53 0.00	32.32 1.50 0.00	39.10 1.96 0.00	48.04 2.74 0.00	43.84 2.68 0.00	41.34 2.46 0.00	37.22 2.16 0.00	39.35 1.89 0.00	40.07 1.68 0.00	39.68 1.58 0.00	39.82 1.42 0.00
UPPER RAQUET___HYD 24056	31.51 0.12 0.00	26.70 0.08 0.00	25.46 0.07 0.00	24.48 0.04 0.00	27.11 0.05 0.00	33.98 0.13 0.00	43.86 0.26 0.00	36.16 -0.01 0.00	28.76 0.00 0.00	26.11 -0.19 0.00	28.87 -0.43 0.00	29.13 -0.51 0.00	26.97 -0.34 0.00	29.30 -0.21 0.00	30.45 -0.37 0.00	36.62 -0.52 0.00	44.29 -1.01 0.00	39.04 -2.13 0.00	37.63 -1.24 0.00	33.93 -1.13 0.00	36.64 -0.82 0.00	38.28 -0.11 0.00	37.87 -0.23 0.00	38.28 -0.11 0.00
VALLEY44_115KV_TB2 355964	31.24 -0.15 0.00	26.58 -0.03 0.00	25.14 -0.24 0.00	24.24 -0.20 0.00	26.70 -0.35 0.00	33.43 -0.42 0.00	42.28 -1.32 0.00	34.19 -1.55 0.43	27.63 -1.14 0.00	25.74 -0.56 0.00	29.09 -0.20 0.00	29.69 0.05 0.00	27.29 -0.02 0.00	29.36 -0.14 0.00	30.48 -0.34 0.00	36.47 -0.68 0.00	45.13 -0.17 0.00	41.55 0.39 0.00	38.86 -0.01 0.00	34.84 -0.22 0.00	37.15 -0.31 0.00	37.21 -1.18 0.00	37.44 -0.66 0.00	38.20 -0.20 0.00
VALLEY___115KV_TB 1-4 80826	31.45 0.05 0.00	26.61 0.00 0.00	25.35 -0.04 0.00	24.42 -0.02 0.00	27.15 0.09 0.00	34.00 0.15 0.00	44.13 0.53 0.00	36.89 0.72 0.00	29.23 0.47 0.00	26.59 0.29 0.00	29.68 0.39 0.00	29.98 0.34 0.00	27.50 0.19 0.00	29.62 0.12 0.00	31.17 0.35 0.00	37.83 0.69 0.00	46.55 1.26 0.00	42.63 1.47 0.00	40.21 1.33 0.00	36.30 1.24 0.00	38.49 1.03 0.00	39.10 0.71 0.00	38.63 0.53 0.00	38.83 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.67 1.27 0.00	27.67 1.06 0.00	26.34 0.96 0.00	25.38 0.94 0.00	28.13 1.07 0.00	35.28 1.43 0.00	45.68 2.08 0.00	38.46 1.87 -0.42	30.20 1.44 0.00	27.58 1.27 0.00	30.75 1.46 0.00	31.12 1.48 0.00	28.60 1.30 0.00	30.78 1.27 0.00	32.20 1.38 0.00	39.00 1.85 0.00	47.94 2.65 0.00	43.78 2.62 0.00	41.36 2.49 0.00	37.30 2.24 0.00	39.62 2.16 0.00	40.31 1.91 0.00	39.96 1.86 0.00	40.19 1.80 0.00

VISCHER___FERRY HYD 24020	32.19 0.79 0.00	27.27 0.65 0.00	26.00 0.61 0.00	25.06 0.62 0.00	27.80 0.74 0.00	34.78 0.93 0.00	44.95 1.35 0.00	37.46 1.29 0.00	29.75 0.99 0.00	27.17 0.86 0.00	30.38 1.09 0.00	30.70 1.06 0.00	28.24 0.93 0.00	30.46 0.95 0.00	32.01 1.19 0.00	38.68 1.54 0.00	47.32 2.02 0.00	43.29 2.12 0.00	40.82 1.94 0.00	36.82 1.76 0.00	39.08 1.62 0.00	39.86 1.47 0.00	39.47 1.37 0.00	39.66 1.27 0.00
V_A_10_SYNC_DSASP 323832	29.63 -1.77 0.00	25.15 -1.47 0.00	23.76 -1.62 0.00	22.85 -1.59 0.00	25.10 -1.96 0.00	31.46 -2.39 0.00	39.86 -3.74 0.00	31.74 -3.60 0.83	26.10 -2.66 0.00	24.36 -1.95 0.00	27.21 -2.08 0.00	27.71 -1.93 0.00	25.50 -1.82 0.00	21.51 -2.00 5.99	28.62 -2.20 0.00	34.27 -2.88 0.00	42.42 -2.88 0.00	34.34 -1.97 4.86	33.55 -2.29 3.03	31.83 -2.26 0.97	33.31 -2.51 1.64	34.80 -3.33 0.26	35.19 -2.91 0.00	35.64 -2.39 0.36
V_CMM_10_SYNC_DSASP 323787	31.88 0.49 0.00	27.05 0.43 0.00	25.82 0.43 0.00	24.83 0.39 0.00	27.46 0.40 0.00	34.35 0.50 0.00	44.13 0.53 0.00	36.38 0.21 0.00	28.95 0.19 0.00	26.48 0.17 0.00	29.35 0.05 0.00	29.65 0.00 0.00	27.42 0.11 0.00	29.77 0.27 0.00	30.94 0.11 0.00	37.10 -0.04 0.00	44.76 -0.53 0.00	40.07 -1.09 0.00	38.07 -0.80 0.00	34.31 -0.75 0.00	37.01 -0.45 0.00	38.46 0.07 0.00	38.24 0.14 0.00	38.69 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	32.83 1.43 0.00	27.80 1.18 0.00	26.44 1.06 0.00	25.50 1.06 0.00	28.27 1.21 0.00	35.40 1.55 0.00	45.71 2.11 0.00	37.80 1.63 0.00	30.03 1.27 0.00	27.40 1.09 0.00	30.46 1.17 0.00	30.84 1.19 0.00	28.44 1.13 0.00	30.91 1.40 0.00	32.14 1.32 0.00	38.64 1.49 0.00	46.82 1.52 0.00	42.06 0.90 0.00	39.83 0.95 0.00	35.84 0.78 0.00	38.46 1.00 0.00	39.90 1.51 0.00	39.67 1.57 0.00	40.08 1.69 0.00
V_D_10_SYNC_DSASP 323841	32.11 0.72 0.00	27.24 0.62 0.00	26.00 0.61 0.00	25.01 0.56 0.00	27.65 0.60 0.00	34.61 0.75 0.00	44.48 0.88 0.00	36.66 0.49 0.00	29.16 0.39 0.00	26.58 0.28 0.00	29.44 0.15 0.00	29.74 0.09 0.00	27.51 0.20 0.00	29.88 0.38 0.00	31.05 0.22 0.00	37.26 0.12 0.00	44.97 -0.33 0.00	39.83 -1.34 0.00	38.23 -0.65 0.00	34.46 -0.60 0.00	37.19 -0.27 0.00	38.76 0.36 0.00	38.41 0.31 0.00	38.87 0.47 0.00
V_E_10_SYNC_DSASP 323830	33.74 2.35 0.00	28.49 1.87 0.00	26.97 1.58 0.00	25.87 1.42 0.00	28.60 1.54 0.00	36.17 2.31 0.00	47.22 3.62 0.00	40.50 3.47 -0.86	31.51 2.74 0.00	28.78 2.48 0.00	31.89 2.60 0.00	32.14 2.50 0.00	29.41 2.10 0.00	33.54 2.13 -1.91	33.23 2.40 0.00	40.61 3.46 0.00	50.73 5.43 0.00	48.14 5.31 -1.67	44.77 4.85 -1.04	39.60 4.21 -0.33	42.26 4.24 -0.56	42.38 3.90 -0.09	41.84 3.74 0.00	42.20 3.68 -0.13
V_F_30_NSYNC___DSASP 323816	32.70 1.31 0.00	27.68 1.07 0.00	26.38 0.99 0.00	25.43 0.99 0.00	28.22 1.17 0.00	35.37 1.52 0.00	45.77 2.17 0.00	38.19 2.01 0.00	30.40 1.64 0.00	27.81 1.50 0.00	31.05 1.76 0.00	31.28 1.64 0.00	28.70 1.39 0.00	30.84 1.34 0.00	32.35 1.53 0.00	39.15 2.01 0.00	48.07 2.77 0.00	43.92 2.75 0.00	41.41 2.53 0.00	37.32 2.26 0.00	39.59 2.13 0.00	40.33 1.94 0.00	39.92 1.82 0.00	40.09 1.69 0.00
V_F_30_SYNC_DSASP 323786	31.74 0.34 0.00	26.89 0.28 0.00	25.64 0.25 0.00	24.70 0.26 0.00	27.40 0.34 0.00	34.28 0.43 0.00	44.33 0.74 0.00	36.95 0.78 0.00	29.35 0.59 0.00	26.82 0.52 0.00	29.98 0.68 0.00	30.31 0.67 0.00	27.93 0.62 0.00	30.12 0.62 0.00	31.64 0.82 0.00	38.27 1.12 0.00	46.84 1.55 0.00	42.83 1.66 0.00	40.39 1.51 0.00	36.45 1.39 0.00	38.65 1.19 0.00	39.39 1.00 0.00	38.98 0.88 0.00	39.14 0.75 0.00
V_XM_10_SYNC_DSASP 323789	32.83 1.43 0.00	27.80 1.18 0.00	26.44 1.06 0.00	25.50 1.06 0.00	28.27 1.21 0.00	35.40 1.55 0.00	45.71 2.11 0.00	37.80 1.63 0.00	30.03 1.27 0.00	27.40 1.09 0.00	30.46 1.17 0.00	30.84 1.19 0.00	28.44 1.13 0.00	30.91 1.40 0.00	32.14 1.32 0.00	38.64 1.49 0.00	46.82 1.52 0.00	42.06 0.90 0.00	39.83 0.95 0.00	35.84 0.78 0.00	38.46 1.00 0.00	39.90 1.51 0.00	39.67 1.57 0.00	40.08 1.69 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.54 1.14 0.00	27.54 0.93 0.00	26.25 0.87 0.00	25.29 0.84 0.00	28.07 1.01 0.00	35.16 1.31 0.00	45.72 2.12 0.00	38.20 2.03 0.00	30.34 1.58 0.00	27.64 1.34 0.00	30.91 1.62 0.00	31.38 1.74 0.00	28.90 1.59 0.00	30.95 1.44 0.00	32.37 1.55 0.00	39.17 2.03 0.00	48.24 2.94 0.00	44.26 3.10 0.00	41.80 2.92 0.00	37.69 2.63 0.00	39.87 2.41 0.00	40.39 1.99 0.00	39.86 1.76 0.00	40.02 1.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.60 1.20 0.00	27.60 0.98 0.00	26.30 0.91 0.00	25.35 0.90 0.00	28.12 1.06 0.00	35.23 1.38 0.00	45.82 2.22 0.00	38.34 2.17 0.00	30.50 1.74 0.00	27.84 1.53 0.00	31.12 1.83 0.00	31.59 1.95 0.00	29.10 1.79 0.00	31.17 1.67 0.00	32.60 1.77 0.00	39.42 2.27 0.00	48.48 3.18 0.00	44.48 3.32 0.00	42.00 3.13 0.00	37.89 2.83 0.00	40.04 2.58 0.00	40.53 2.14 0.00	40.01 1.91 0.00	40.13 1.74 0.00
W50THST__13_KV_LOAD 356117	32.85 1.45 0.00	27.80 1.19 0.00	26.49 1.11 0.00	25.52 1.08 0.00	28.32 1.27 0.00	35.50 1.65 0.00	46.21 2.61 0.00	38.69 2.52 0.00	30.81 2.05 0.00	28.14 1.83 0.00	31.45 2.16 0.00	31.93 2.29 0.00	29.42 2.11 0.00	31.51 2.01 0.00	32.94 2.11 0.00	39.83 2.68 0.00	49.01 3.71 0.00	44.93 3.77 0.00	42.42 3.54 0.00	38.24 3.18 0.00	40.40 2.94 0.00	40.88 2.49 0.00	40.34 2.24 0.00	40.44 2.05 0.00
WADING RIVER_IC_1 23522	33.68 2.28 0.00	28.47 1.85 0.00	27.01 1.63 0.00	26.09 1.65 0.00	28.93 1.88 0.00	36.21 2.36 0.00	47.28 3.69 0.00	39.51 3.34 0.00	31.05 2.29 0.00	28.04 1.74 0.00	31.35 2.06 0.00	31.83 2.18 0.00	29.31 2.00 0.00	31.51 2.00 0.00	33.04 2.22 0.00	40.29 3.15 0.00	81.34 4.33 -31.71	94.50 4.22 -49.12	42.70 3.82 0.00	39.16 3.46 -0.64	40.72 3.26 0.00	41.14 2.74 0.00	40.67 2.57 0.00	40.96 2.57 0.00
WADING RIVER_IC_2 23547	33.68 2.28 0.00	28.47 1.85 0.00	27.01 1.63 0.00	26.09 1.65 0.00	28.93 1.88 0.00	36.21 2.36 0.00	47.28 3.69 0.00	39.51 3.34 0.00	31.05 2.29 0.00	28.04 1.74 0.00	31.35 2.06 0.00	31.83 2.18 0.00	29.31 2.00 0.00	31.51 2.00 0.00	33.04 2.22 0.00	40.29 3.15 0.00	81.34 4.33 -31.71	94.50 4.22 -49.12	42.70 3.82 0.00	39.16 3.46 -0.64	40.72 3.26 0.00	41.14 2.74 0.00	40.67 2.57 0.00	40.96 2.57 0.00
WADING RIVER_IC_3 23601	33.68 2.28 0.00	28.47 1.85 0.00	27.01 1.63 0.00	26.09 1.65 0.00	28.93 1.88 0.00	36.21 2.36 0.00	47.28 3.69 0.00	39.51 3.34 0.00	31.05 2.29 0.00	28.04 1.74 0.00	31.35 2.06 0.00	31.83 2.18 0.00	29.31 2.00 0.00	31.51 2.00 0.00	33.04 2.22 0.00	40.29 3.15 0.00	81.34 4.33 -31.71	94.50 4.22 -49.12	42.70 3.82 0.00	39.16 3.46 -0.64	40.72 3.26 0.00	41.14 2.74 0.00	40.67 2.57 0.00	40.96 2.57 0.00



WALDENNY_12_KV_BK2 80841	30.45 -0.95 0.00	25.81 -0.80 0.00	24.34 -1.04 0.00	23.42 -1.02 0.00	25.68 -1.37 0.00	32.22 -1.63 0.00	40.77 -2.83 0.00	32.53 -3.00 0.64	26.62 -2.15 0.00	24.91 -1.40 0.00	27.84 -1.45 0.00	28.37 -1.28 0.00	26.08 -1.23 0.00	28.20 -1.30 0.00	29.34 -1.49 0.00	35.06 -2.08 0.00	43.57 -1.73 0.00	40.29 -0.87 0.00	37.56 -1.31 0.00	33.62 -1.44 0.00	35.81 -1.64 0.00	35.79 -2.61 0.00	35.94 -2.15 0.00	36.86 -1.54 0.00
WALDEN___HYDRO 24148	32.69 1.29 0.00	27.71 1.09 0.00	26.41 1.03 0.00	25.40 0.95 0.00	28.17 1.12 0.00	35.28 1.43 0.00	45.88 2.28 0.00	38.33 2.16 0.00	30.43 1.67 0.00	27.69 1.38 0.00	30.88 1.58 0.00	31.28 1.63 0.00	28.78 1.47 0.00	30.87 1.37 0.00	32.35 1.53 0.00	39.23 2.09 0.00	48.45 3.15 0.00	44.48 3.32 0.00	42.02 3.14 0.00	37.97 2.91 0.00	40.19 2.73 0.00	40.72 2.33 0.00	40.21 2.11 0.00	40.26 1.86 0.00
WARRENSBURG___ 23737	32.94 1.54 0.00	27.86 1.24 0.00	26.55 1.16 0.00	25.63 1.19 0.00	28.45 1.39 0.00	35.69 1.84 0.00	46.29 2.69 0.00	38.66 2.49 0.00	30.75 1.99 0.00	28.11 1.81 0.00	31.38 2.08 0.00	31.76 2.12 0.00	29.01 1.70 0.00	31.03 1.53 0.00	32.32 1.50 0.00	39.10 1.96 0.00	48.04 2.74 0.00	43.84 2.68 0.00	41.34 2.46 0.00	37.22 2.16 0.00	39.35 1.89 0.00	40.07 1.68 0.00	39.68 1.58 0.00	39.82 1.42 0.00
WATERSIDE___6 8 9 23538	32.63 1.24 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.36 0.92 0.00	28.12 1.07 0.00	35.27 1.42 0.00	45.87 2.27 0.00	38.42 2.24 0.00	30.58 1.82 0.00	27.92 1.62 0.00	31.22 1.92 0.00	31.69 2.05 0.00	29.21 1.90 0.00	31.26 1.75 0.00	32.69 1.87 0.00	39.51 2.37 0.00	48.62 3.33 0.00	44.61 3.44 0.00	42.13 3.25 0.00	38.00 2.94 0.00	40.13 2.68 0.00	40.63 2.23 0.00	40.08 1.98 0.00	40.20 1.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.45 0.05 0.00	26.63 0.01 0.00	25.38 -0.01 0.00	24.45 0.01 0.00	27.13 0.07 0.00	34.00 0.15 0.00	44.04 0.44 0.00	36.75 0.58 0.00	29.15 0.38 0.00	26.53 0.23 0.00	29.58 0.29 0.00	29.90 0.26 0.00	27.46 0.16 0.00	29.60 0.10 0.00	31.10 0.27 0.00	37.72 0.58 0.00	46.33 1.03 0.00	42.39 1.22 0.00	40.00 1.12 0.00	36.09 1.03 0.00	38.34 0.88 0.00	39.03 0.64 0.00	38.61 0.51 0.00	38.80 0.40 0.00
WATSON___69_KV_BK 1 55734	33.85 2.45 0.00	28.61 2.00 0.00	27.14 1.75 0.00	26.21 1.76 0.00	29.07 2.01 0.00	36.38 2.53 0.00	47.50 3.90 0.00	39.73 3.56 0.00	31.42 2.66 0.00	28.50 2.20 0.00	31.95 2.66 0.00	32.39 2.75 0.00	29.83 2.52 0.00	32.05 2.55 0.00	33.58 2.76 0.00	40.82 3.67 -31.71	82.07 5.07 -49.12	95.37 5.08 0.00	43.53 4.65 0.00	39.94 4.24 -0.64	41.57 4.11 0.00	41.95 3.56 0.00	41.47 3.37 0.00	41.63 3.23 0.00
WDELAWARE___HYD 323627	32.82 1.43 0.00	27.80 1.18 0.00	26.49 1.10 0.00	25.51 1.06 0.00	28.30 1.24 0.00	35.45 1.60 0.00	46.11 2.51 0.00	38.53 2.36 0.00	30.58 1.82 0.00	27.79 1.49 0.00	30.94 1.65 0.00	31.33 1.68 0.00	28.82 1.51 0.00	30.93 1.43 0.00	32.47 1.65 0.00	39.42 2.27 0.00	48.73 3.43 0.00	44.69 3.53 0.00	42.24 3.36 0.00	38.09 3.03 0.00	40.33 2.87 0.00	40.86 2.47 0.00	40.34 2.24 0.00	40.47 2.07 0.00
WEST BABYLON___IC 23714	33.72 2.32 0.00	28.51 1.90 0.00	27.05 1.67 0.00	26.12 1.68 0.00	28.96 1.91 0.00	36.25 2.39 0.00	47.30 3.70 0.00	39.57 3.40 0.00	31.34 2.58 0.00	28.44 2.14 0.00	31.90 2.60 0.00	32.33 2.68 0.00	29.77 2.46 0.00	31.97 2.47 0.00	33.49 2.67 0.00	40.65 3.51 0.00	81.88 4.87 -31.71	95.21 4.92 -49.12	43.40 4.52 0.00	39.82 4.13 -0.64	41.45 3.99 0.00	41.83 3.44 0.00	41.37 3.27 0.00	41.50 3.10 0.00
WEST CANADA___HYD 24049	31.41 0.01 0.00	26.61 0.00 0.00	25.36 -0.03 0.00	24.44 0.00 0.00	27.06 0.00 0.00	33.89 0.04 0.00	43.73 0.12 0.00	36.37 0.20 0.00	28.92 0.16 0.00	26.41 0.11 0.00	29.43 0.14 0.00	29.80 0.15 0.00	27.42 0.11 0.00	29.59 0.09 0.00	30.98 0.15 0.00	37.40 0.26 0.00	45.75 0.45 0.00	41.70 0.53 0.00	39.36 0.48 0.00	35.51 0.45 0.00	37.83 0.37 0.00	38.65 0.26 0.00	38.30 0.20 0.00	38.56 0.16 0.00
WESTERN_NY_WIND 24143	30.61 -0.78 0.00	25.94 -0.67 0.00	24.49 -0.89 0.00	23.56 -0.89 0.00	25.85 -1.20 0.00	32.53 -1.32 0.00	41.31 -2.29 0.00	32.89 -2.42 0.86	27.11 -1.66 0.00	25.33 -0.97 0.00	28.23 -1.06 0.00	28.72 -0.92 0.00	26.37 -0.94 0.00	28.44 -1.07 0.00	29.54 -1.28 0.00	35.45 -1.69 0.00	44.15 -1.14 0.00	40.95 -0.21 0.00	38.19 -0.68 0.00	34.22 -0.84 0.00	36.45 -1.01 0.00	36.41 -1.98 0.00	36.49 -1.62 0.00	37.31 -1.09 0.00
WESTOVER___LESR 323668	31.39 0.00 0.00	26.60 -0.02 0.00	25.27 -0.11 0.00	24.34 -0.10 0.00	26.94 -0.12 0.00	33.75 -0.10 0.00	43.52 -0.08 0.00	37.00 0.05 -0.78	28.79 0.02 0.00	26.37 0.06 0.00	29.43 0.14 0.00	29.83 0.19 0.00	27.37 0.06 0.00	29.50 0.00 0.00	30.91 0.08 0.00	37.36 0.22 0.00	46.05 0.75 0.00	41.91 0.74 0.00	39.45 0.57 0.00	35.52 0.46 0.00	37.74 0.28 0.00	38.31 -0.08 0.00	38.06 -0.04 0.00	38.38 -0.01 0.00
WETHRSFD_WT_PWR 323626	30.58 -0.82 0.00	25.91 -0.71 0.00	24.44 -0.94 0.00	23.51 -0.93 0.00	25.84 -1.22 0.00	32.38 -1.47 0.00	41.31 -2.29 0.00	37.83 -0.02 -1.68	28.78 0.01 0.00	26.33 0.02 0.00	29.51 0.22 0.00	29.92 0.27 0.00	27.43 0.12 0.00	37.54 0.06 -7.98	31.01 0.19 0.00	37.66 0.52 0.00	46.81 1.51 0.00	49.46 0.58 -7.72	44.02 0.33 -4.82	36.82 0.22 -1.54	39.90 -0.15 -2.60	38.19 -0.61 -0.41	37.59 -0.51 0.00	38.48 -0.50 -0.58
WHAVSTOR_138KV_BK127 55557	32.41 1.02 0.00	27.45 0.83 0.00	26.16 0.77 0.00	25.20 0.75 0.00	27.96 0.91 0.00	35.02 1.17 0.00	45.53 1.93 0.00	38.04 1.87 0.00	30.22 1.45 0.00	27.53 1.23 0.00	30.78 1.49 0.00	31.25 1.61 0.00	28.78 1.47 0.00	30.81 1.31 0.00	32.23 1.41 0.00	39.00 1.85 0.00	48.02 2.72 0.00	44.05 2.89 0.00	41.60 2.72 0.00	37.51 2.45 0.00	39.69 2.23 0.00	40.19 1.80 0.00	39.70 1.60 0.00	39.85 1.45 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.41 1.02 0.00	27.45 0.83 0.00	26.16 0.77 0.00	25.20 0.75 0.00	27.96 0.91 0.00	35.02 1.17 0.00	45.53 1.93 0.00	38.04 1.87 0.00	30.22 1.45 0.00	27.53 1.23 0.00	30.78 1.49 0.00	31.25 1.61 0.00	28.78 1.47 0.00	30.81 1.31 0.00	32.23 1.41 0.00	39.00 1.85 0.00	48.02 2.72 0.00	44.05 2.89 0.00	41.60 2.72 0.00	37.51 2.45 0.00	39.69 2.23 0.00	40.19 1.80 0.00	39.70 1.60 0.00	39.85 1.45 0.00
WHITEHAL_115KV_TB1 80871	33.42 2.03 0.00	28.25 1.64 0.00	26.91 1.52 0.00	26.17 1.73 0.00	29.06 2.01 0.00	36.45 2.60 0.00	47.30 3.70 0.00	39.56 3.39 0.00	31.37 2.60 0.00	28.52 2.21 0.00	31.82 2.53 0.00	32.24 2.60 0.00	29.49 2.18 0.00	32.02 2.51 0.00	33.48 2.65 0.00	40.45 3.31 0.00	49.90 4.60 0.00	45.65 4.48 0.00	43.02 4.14 0.00	38.59 3.53 0.00	40.39 2.92 0.00	41.16 2.77 0.00	40.86 2.76 0.00	41.14 2.74 0.00

WHITEPLN_13_KV_LOAD 356215	32.83 1.43 0.00	27.79 1.18 0.00	26.48 1.09 0.00	25.51 1.07 0.00	28.30 1.25 0.00	35.45 1.61 0.00	46.14 2.54 0.00	38.59 2.42 0.00	30.69 1.93 0.00	27.99 1.69 0.00	31.30 2.01 0.00	31.76 2.12 0.00	29.25 1.94 0.00	31.35 1.85 0.00	32.80 1.98 0.00	39.69 2.54 0.00	48.87 3.58 0.00	44.87 3.71 0.00	42.34 3.46 0.00	38.19 3.13 0.00	40.37 2.91 0.00	40.87 2.48 0.00	40.33 2.23 0.00	40.44 2.04 0.00
WM_FLOYD_69_KV_BK2 356380	33.72 2.32 0.00	28.51 1.89 0.00	27.04 1.65 0.00	26.12 1.67 0.00	28.96 1.91 0.00	36.25 2.40 0.00	47.35 3.75 0.00	39.58 3.41 0.00	31.16 2.40 0.00	28.16 1.86 0.00	31.50 2.21 0.00	31.95 2.30 0.00	29.42 2.11 0.00	31.63 2.12 0.00	33.18 2.36 0.00	40.44 3.30 0.00	81.58 4.57 -31.71	94.83 4.54 -49.12	43.01 4.13 0.00	39.43 3.73 -0.64	41.01 3.55 0.00	41.43 3.04 0.00	40.95 2.85 0.00	41.19 2.79 0.00
WOODARD__115KV_TB2 355635	30.72 -0.68 0.00	26.04 -0.57 0.00	24.79 -0.59 0.00	23.88 -0.56 0.00	26.40 -0.65 0.00	33.06 -0.79 0.00	42.54 -1.06 0.00	35.71 -0.85 -0.39	28.09 -0.67 0.00	25.75 -0.55 0.00	28.67 -0.62 0.00	29.01 -0.63 0.00	26.68 -0.63 0.00	28.78 -0.73 0.00	30.11 -0.72 0.00	36.37 -0.77 0.00	44.68 -0.62 0.00	40.82 -0.35 0.00	38.46 -0.42 0.00	34.65 -0.41 0.00	36.88 -0.58 0.00	37.53 -0.86 0.00	37.24 -0.86 0.00	37.52 -0.88 0.00
YORK___WARBASSE 23770	32.65 1.26 0.00	27.62 1.01 0.00	26.34 0.95 0.00	25.35 0.90 0.00	28.12 1.07 0.00	35.34 1.49 0.00	45.96 2.36 0.00	38.41 2.23 0.00	30.55 1.78 0.00	27.79 1.49 0.00	31.21 1.92 0.00	31.67 2.03 0.00	29.18 1.87 0.00	31.18 1.68 0.00	31.71 1.76 0.87	39.35 2.21 0.01	48.52 3.22 0.00	44.60 3.43 0.00	42.11 3.23 0.00	37.99 2.92 0.00	40.11 2.65 0.00	40.57 2.18 0.00	40.04 1.94 0.00	40.19 1.80 0.00