

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/08/2023

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	28.98	30.12	32.81	30.20	28.68	32.74	36.16	33.51	30.21	27.36	27.15	27.19	24.89	23.49	24.97	29.79	32.53	40.18	32.59	25.51	24.92	28.36	29.16	27.47
24138	1.63	1.53	1.52	1.45	1.37	1.74	2.48	2.74	2.26	2.11	1.99	1.81	1.35	1.39	1.57	2.24	2.80	3.50	2.92	2.20	2.03	2.05	1.78	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.93	30.08	32.77	30.17	28.66	32.69	36.07	33.43	30.14	27.28	27.05	27.10	24.82	23.42	24.88	29.70	32.43	40.06	32.53	25.45	24.86	28.30	29.11	27.43
24260	1.57	1.49	1.47	1.42	1.36	1.69	2.39	2.65	2.19	2.04	1.89	1.73	1.28	1.32	1.49	2.16	2.70	3.38	2.85	2.13	1.98	1.98	1.72	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	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	28.93	30.08	32.77	30.17	28.66	32.69	36.07	33.43	30.14	27.28	27.05	27.10	24.82	23.42	24.88	29.70	32.43	40.06	32.53	25.45	24.86	28.30	29.11	27.43
24261	1.57	1.49	1.47	1.42	1.36	1.69	2.39	2.65	2.19	2.04	1.89	1.73	1.28	1.32	1.49	2.16	2.70	3.38	2.85	2.13	1.98	1.98	1.72	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	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	28.53	29.75	32.67	30.07	28.43	32.45	35.48	32.64	29.61	26.65	26.33	26.52	23.88	22.97	24.31	28.98	31.39	38.83	31.42	24.71	24.19	27.56	28.47	26.94
24011	1.18	1.16	1.38	1.32	1.13	1.45	1.80	1.86	1.66	1.40	1.17	1.15	0.90	0.87	0.91	1.44	1.66	2.15	1.74	1.40	1.31	1.25	1.09	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.60	29.83	32.76	30.17	28.51	32.58	35.65	32.80	29.79	26.78	26.42	26.69	24.03	23.12	24.42	29.16	31.59	39.09	31.59	24.84	24.30	27.67	28.59	27.07
23798	1.25	1.24	1.47	1.42	1.21	1.58	1.97	2.03	1.84	1.53	1.27	1.32	1.05	1.02	1.02	1.62	1.86	2.41	1.92	1.53	1.41	1.36	1.21	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.53	29.75	32.67	30.07	28.43	32.45	35.48	32.64	29.61	26.65	26.33	26.52	23.88	22.97	24.31	28.98	31.39	38.83	31.42	24.71	24.19	27.56	28.47	26.94
24028	1.18	1.16	1.38	1.32	1.13	1.45	1.80	1.86	1.66	1.40	1.17	1.15	0.90	0.87	0.91	1.44	1.66	2.15	1.74	1.40	1.31	1.25	1.09	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.42	30.66	33.45	30.78	29.29	33.31	36.52	33.66	30.43	27.30	27.06	27.15	24.52	23.49	25.00	29.85	31.86	38.85	31.57	24.97	24.52	27.93	28.84	27.32
23527	2.07	2.07	2.16	2.04	1.98	2.31	2.83	2.88	2.48	2.05	1.90	1.77	1.42	1.38	1.60	2.31	2.13	2.18	1.89	1.66	1.63	1.62	1.46	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	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	27.95	29.12	31.82	29.26	27.80	31.66	34.61	31.83	28.80	26.00	25.71	25.83	23.27	22.44	23.81	28.18	30.63	38.02	30.86	24.33	23.88	27.19	28.08	26.62
24190	0.60	0.53	0.53	0.52	0.49	0.65	0.93	1.05	0.85	0.75	0.56	0.45	0.28	0.34	0.41	0.64	0.89	1.34	1.18	1.02	0.99	0.88	0.70	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.66	29.03	31.83	29.20	27.69	31.27	33.70	30.57	27.92	25.23	25.32	25.69	23.41	22.49	23.79	27.70	29.66	36.38	29.41	23.13	22.81	26.42	27.62	26.19
355683	0.31	0.44	0.53	0.45	0.38	0.27	0.02	-0.20	-0.03	-0.02	0.16	0.31	0.43	0.39	0.39	0.16	-0.07	-0.30	-0.27	-0.18	-0.07	0.11	0.24	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.49	29.70	32.46	29.85	28.35	32.29	35.28	32.42	29.32	26.44	26.13	26.21	23.61	22.80	24.20	28.68	31.18	38.67	31.37	24.70	24.22	27.63	28.57	27.08
323833	1.14	1.10	1.17	1.10	1.04	1.29	1.61	1.64	1.37	1.19	0.97	0.83	0.62	0.70	0.80	1.13	1.45	1.99	1.70	1.39	1.34	1.32	1.18	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.48	29.68	32.45	29.84	28.35	32.28	35.27	32.40	29.31	26.43	26.12	26.21	23.61	22.80	24.19	28.67	31.17	38.66	31.36	24.69	24.21	27.62	28.56	27.07
323834	1.13	1.09	1.16	1.09	1.04	1.28	1.59	1.62	1.36	1.19	0.96	0.83	0.62	0.69	0.79	1.12	1.44	1.98	1.68	1.38	1.33	1.30	1.18	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.95	29.12	31.82	29.26	27.80	31.66	34.61	31.83	28.80	26.00	25.71	25.83	23.27	22.44	23.81	28.18	30.63	38.02	30.86	24.33	23.88	27.19	28.08	26.62
23571	0.60	0.53	0.53	0.52	0.49	0.65	0.93	1.05	0.85	0.75	0.56	0.45	0.28	0.34	0.41	0.64	0.89	1.34	1.18	1.02	0.99	0.88	0.70	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.95 0.60 0.00	29.12 0.53 0.00	31.82 0.53 0.00	29.26 0.52 0.00	27.80 0.49 0.00	31.66 0.65 0.00	34.61 0.93 0.00	31.83 1.05 0.00	28.80 0.85 0.00	26.00 0.75 0.00	25.71 0.56 0.00	25.83 0.45 0.00	23.27 0.28 0.00	22.44 0.34 0.00	23.81 0.41 0.00	28.18 0.64 0.00	30.63 0.89 0.00	38.02 1.34 0.00	30.86 1.18 0.00	24.33 1.02 0.00	23.88 0.99 0.00	27.19 0.88 0.00	28.08 0.70 0.00	26.62 0.62 0.00
ALBANY___3 23573	27.95 0.60 0.00	29.12 0.53 0.00	31.82 0.53 0.00	29.26 0.52 0.00	27.80 0.49 0.00	31.66 0.65 0.00	34.61 0.93 0.00	31.83 1.05 0.00	28.80 0.85 0.00	26.00 0.75 0.00	25.71 0.56 0.00	25.83 0.45 0.00	23.27 0.28 0.00	22.44 0.34 0.00	23.81 0.41 0.00	28.18 0.64 0.00	30.63 0.89 0.00	38.02 1.34 0.00	30.86 1.18 0.00	24.33 1.02 0.00	23.88 0.99 0.00	27.19 0.88 0.00	28.08 0.70 0.00	26.62 0.62 0.00
ALBANY___4 23574	27.95 0.60 0.00	29.12 0.53 0.00	31.82 0.53 0.00	29.26 0.52 0.00	27.80 0.49 0.00	31.66 0.65 0.00	34.61 0.93 0.00	31.83 1.05 0.00	28.80 0.85 0.00	26.00 0.75 0.00	25.71 0.56 0.00	25.83 0.45 0.00	23.27 0.28 0.00	22.44 0.34 0.00	23.81 0.41 0.00	28.18 0.64 0.00	30.63 0.89 0.00	38.02 1.34 0.00	30.86 1.18 0.00	24.33 1.02 0.00	23.88 0.99 0.00	27.19 0.88 0.00	28.08 0.70 0.00	26.62 0.62 0.00
ALBANY___LFGE 323615	28.14 0.79 0.00	29.32 0.73 0.00	32.05 0.75 0.00	29.46 0.71 0.00	27.99 0.68 0.00	31.88 0.88 0.00	34.89 1.20 0.00	32.09 1.31 0.00	29.04 1.09 0.00	26.20 0.96 0.00	25.93 0.77 0.00	26.04 0.66 0.00	23.46 0.48 0.00	22.62 0.52 0.00	24.01 0.61 0.00	28.42 0.87 0.00	30.89 1.16 0.00	38.36 1.68 0.00	31.11 1.44 0.00	24.52 1.21 0.00	24.05 1.17 0.00	27.40 1.08 0.00	28.30 0.92 0.00	26.82 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	27.82 0.48 0.00	29.20 0.61 0.00	32.01 0.72 0.00	29.37 0.62 0.00	27.83 0.53 0.00	31.41 0.41 0.00	33.82 0.14 0.00	30.69 -0.09 0.00	28.02 0.07 0.00	25.31 0.06 0.00	25.42 0.26 0.00	25.80 0.43 0.00	23.52 0.53 0.00	22.59 0.49 0.00	23.87 0.47 0.00	27.79 0.25 0.00	29.75 0.01 0.00	36.49 -0.19 0.00	29.49 -0.19 0.00	23.19 -0.12 0.00	22.88 0.00 0.00	26.52 0.21 0.00	27.75 0.36 0.00	26.32 0.32 0.00
ALCOA_RYNLDS___DRP 24188	27.82 0.48 0.00	29.20 0.61 0.00	32.01 0.72 0.00	29.37 0.62 0.00	27.83 0.53 0.00	31.41 0.41 0.00	33.82 0.14 0.00	30.69 -0.09 0.00	28.02 0.07 0.00	25.31 0.06 0.00	25.42 0.26 0.00	25.80 0.43 0.00	23.52 0.53 0.00	22.59 0.49 0.00	23.87 0.47 0.00	27.79 0.25 0.00	29.75 0.01 0.00	36.49 -0.19 0.00	29.49 -0.19 0.00	23.19 -0.12 0.00	22.88 0.00 0.00	26.52 0.21 0.00	27.75 0.36 0.00	26.32 0.32 0.00
ALCOA___DSASP 323711	27.82 0.47 0.00	29.20 0.61 0.00	32.01 0.72 0.00	29.37 0.62 0.00	27.83 0.53 0.00	31.41 0.41 0.00	33.82 0.14 0.00	30.69 -0.09 0.00	28.01 0.06 0.00	25.31 0.06 0.00	25.42 0.26 0.00	25.80 0.42 0.00	23.52 0.53 0.00	22.59 0.49 0.00	23.87 0.47 0.00	27.79 0.25 0.00	29.75 0.01 0.00	36.49 -0.19 0.00	29.49 -0.19 0.00	23.19 -0.12 0.00	22.88 0.00 0.00	26.52 0.21 0.00	27.75 0.36 0.00	26.32 0.32 0.00
ALLEGHENY___COGEN 23514	27.57 0.22 0.00	28.50 -0.09 0.00	31.17 -0.13 0.00	28.54 -0.21 0.00	27.17 -0.13 0.00	30.95 -0.05 0.00	33.85 0.17 0.00	30.78 0.01 0.00	27.74 -0.21 0.00	24.80 -0.45 0.00	24.71 -0.45 0.00	24.68 -0.70 0.00	21.94 -1.04 0.00	21.05 -1.05 0.00	22.53 -0.87 0.00	27.24 -0.31 0.00	29.45 -0.28 0.00	36.25 -0.43 0.00	29.11 -0.57 0.00	22.70 -0.61 0.00	21.95 -0.80 0.14	26.14 -1.10 -0.92	26.18 -1.20 0.00	24.82 -1.00 0.18
ALTAMONT_115KV_TB 2 55880	28.09 0.74 0.00	29.26 0.68 0.00	31.99 0.69 0.00	29.41 0.66 0.00	27.94 0.64 0.00	31.81 0.80 0.00	34.76 1.08 0.00	31.97 1.19 0.00	28.92 0.97 0.00	26.11 0.86 0.00	25.85 0.69 0.00	25.97 0.60 0.00	23.39 0.40 0.00	22.55 0.44 0.00	23.91 0.51 0.00	28.34 0.80 0.00	30.79 1.06 0.00	38.19 1.51 0.00	30.97 1.29 0.00	24.37 1.06 0.00	23.88 1.00 0.00	27.26 0.95 0.00	28.20 0.82 0.00	26.72 0.72 0.00
ALTONA_WT_PWR 323606	28.85 1.50 0.00	30.26 1.67 0.00	33.16 1.87 0.00	30.47 1.72 0.00	28.86 1.56 0.00	32.40 1.39 0.00	34.85 1.17 0.00	31.75 0.97 0.00	28.86 0.91 0.00	26.04 0.79 0.00	26.14 0.99 0.00	26.62 1.25 0.00	24.12 1.13 0.00	23.11 1.01 0.00	24.25 0.85 0.00	28.45 0.90 0.00	30.63 0.90 0.00	37.49 0.82 0.00	30.10 0.43 0.00	23.70 0.39 0.00	23.31 0.42 0.00	26.80 0.49 0.00	27.92 0.53 0.00	26.72 0.72 0.00
AMERICAN_REF_FUEL 24010	24.82 -2.03 0.51	25.91 -2.55 0.14	28.40 -2.89 0.00	25.95 -2.81 0.00	24.70 -2.61 0.00	27.99 -2.91 0.10	30.35 -3.24 0.10	27.28 -3.51 0.00	24.15 -3.21 0.59	21.53 -3.01 0.71	22.33 -2.78 0.05	22.58 -2.80 0.00	18.61 -2.59 1.78	19.60 -2.36 0.15	21.03 -2.23 0.13	24.87 -2.67 0.00	26.57 -3.16 0.00	32.44 -4.24 0.00	26.05 -3.62 0.00	20.45 -2.86 0.00	19.64 -2.94 0.30	22.54 -3.54 0.24	23.84 -3.55 0.00	21.44 -3.06 1.49
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.56 -1.10 0.69	26.80 -1.60 0.19	29.58 -1.71 0.00	26.96 -1.79 0.00	25.45 -1.86 0.00	28.82 -2.05 0.13	31.40 -2.15 0.13	28.39 -2.39 0.00	24.66 -2.49 0.80	22.01 -2.27 0.96	23.04 -2.05 0.07	23.49 -1.89 0.00	18.70 -1.86 2.42	20.38 -1.51 0.21	21.97 -1.25 0.18	26.12 -1.43 0.00	27.87 -1.86 0.00	33.99 -2.69 0.00	26.95 -2.73 0.00	21.02 -2.29 0.00	20.07 -2.42 0.39	23.08 -2.94 0.29	24.26 -3.13 0.00	21.31 -2.66 2.02
ARTHUR KILL_GT_1 23520	28.83 1.48 0.00	29.86 1.27 0.00	32.53 1.24 0.00	29.95 1.20 0.00	28.45 1.14 0.00	32.46 1.46 0.00	35.80 2.12 0.00	33.20 2.43 0.00	29.89 1.95 0.00	27.03 1.79 0.00	26.78 1.62 0.00	26.79 1.42 0.00	24.55 1.01 -0.55	23.17 1.07 0.00	24.65 1.25 0.00	29.41 1.87 0.00	32.18 2.45 0.00	39.65 2.98 0.00	32.35 2.67 0.00	25.31 2.00 0.00	24.74 1.86 0.00	28.17 1.86 0.00	28.99 1.61 0.00	27.34 1.34 0.00
ARTHUR_KILL_2 23512	28.75 1.40 0.00	29.78 1.19 0.00	32.44 1.15 0.00	29.87 1.12 0.00	28.36 1.06 0.00	32.37 1.37 0.00	35.69 2.01 0.00	33.11 2.33 0.00	29.81 1.86 0.00	26.96 1.71 0.00	26.70 1.54 0.00	26.72 1.35 0.00	24.48 0.94 -0.55	23.12 1.02 0.00	24.58 1.18 0.00	29.33 1.78 0.00	32.08 2.35 0.00	39.53 2.85 0.00	32.25 2.57 0.00	25.24 1.93 0.00	24.67 1.79 0.00	28.09 1.77 0.00	28.91 1.53 0.00	27.26 1.27 0.00
ARTHUR_KILL_3 23513	28.60 1.25 0.00	29.77 1.18 0.00	32.44 1.14 0.00	29.85 1.10 0.00	28.34 1.04 0.00	32.33 1.33 0.00	35.68 2.00 0.00	33.07 2.29 0.00	29.79 1.84 0.00	26.96 1.71 0.00	26.73 1.57 0.00	26.77 1.40 0.00	24.53 0.99 -0.55	23.15 1.05 0.00	24.61 1.21 0.00	29.36 1.81 0.00	32.08 2.35 0.00	39.64 2.97 0.00	32.18 2.51 0.00	25.18 1.87 0.00	24.60 1.72 0.00	28.01 1.70 0.00	28.81 1.43 0.00	27.15 1.15 0.00

ARTHUR_KILL_COGEN 323718	28.83 1.48 0.00	29.86 1.27 0.00	32.53 1.24 0.00	29.95 1.20 0.00	28.45 1.14 0.00	32.46 1.46 0.00	35.80 2.12 0.00	33.20 2.43 0.00	29.89 1.95 0.00	27.03 1.79 0.00	26.78 1.62 0.00	26.79 1.42 0.00	24.55 1.01 -0.55	23.17 1.07 0.00	24.65 1.25 0.00	29.41 1.87 0.00	32.18 2.45 0.00	39.65 2.98 0.00	32.35 2.67 0.00	25.31 2.00 0.00	24.74 1.86 0.00	28.17 1.86 0.00	28.99 1.61 0.00	27.34 1.34 0.00
ASHOKAN____ 23654	29.64 2.29 0.00	30.82 2.24 0.00	33.66 2.37 0.00	30.94 2.19 0.00	29.44 2.12 0.00	33.62 2.62 0.00	36.89 3.21 0.00	34.03 3.25 0.00	30.74 2.79 0.00	27.62 2.37 0.00	27.07 1.91 0.00	27.02 1.65 0.00	24.31 1.33 0.00	23.63 1.52 0.00	25.11 1.71 0.00	29.93 2.38 0.00	32.71 2.98 0.00	40.69 4.02 0.00	33.00 3.32 0.00	25.92 2.61 0.00	25.38 2.49 0.00	28.86 2.55 0.00	29.75 2.37 0.00	28.11 2.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.56 1.21 0.00	29.69 1.10 0.00	32.28 1.00 0.01	29.76 1.01 0.00	28.23 0.93 0.01	32.26 1.25 0.00	35.65 1.97 0.00	33.13 2.35 0.00	29.85 1.90 0.00	27.03 1.78 0.00	26.80 1.64 0.00	26.81 1.43 0.00	24.62 1.08 -0.55	23.23 1.13 0.00	24.66 1.26 0.00	29.37 1.82 0.00	32.05 2.32 0.00	39.62 2.94 0.00	32.31 2.64 0.00	25.23 1.92 0.00	24.68 1.80 0.00	28.04 1.72 0.00	28.87 1.48 0.00	27.22 1.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.56 1.21 0.00	29.69 1.10 0.00	32.28 1.00 0.01	29.76 1.01 0.00	28.23 0.93 0.01	32.26 1.25 0.00	35.65 1.97 0.00	33.13 2.35 0.00	29.85 1.90 0.00	27.03 1.78 0.00	26.80 1.64 0.00	26.81 1.43 0.00	24.62 1.08 -0.55	23.23 1.13 0.00	24.66 1.26 0.00	29.37 1.82 0.00	32.05 2.32 0.00	39.62 2.94 0.00	32.31 2.64 0.00	25.23 1.92 0.00	24.68 1.80 0.00	28.04 1.72 0.00	28.87 1.48 0.00	27.22 1.22 0.00
ASTORIA_GT2_1 24094	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT2_2 24095	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT2_3 24096	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT2_4 24097	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT3_1 24098	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT3_2 24099	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT3_3 24100	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT3_4 24101	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT4_1 24102	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT4_2 24103	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT4_3 24104	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00

ASTORIA_GT4_4 24105	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA_GT_1 23523	28.63 1.28 0.00	29.76 1.17 0.00	32.35 1.06 0.01	29.82 1.07 0.00	28.28 0.98 0.01	32.33 1.33 0.00	35.72 2.04 0.00	33.21 2.43 0.00	29.92 1.97 0.00	27.10 1.85 0.00	26.86 1.71 0.00	26.87 1.50 0.00	24.68 1.14 -0.55	23.28 1.18 0.00	24.72 1.32 0.00	29.44 1.90 0.00	32.13 2.40 0.00	39.73 3.05 0.00	32.39 2.71 0.00	25.29 1.98 0.00	24.73 1.85 0.00	28.11 1.79 0.00	28.93 1.55 0.00	27.27 1.27 0.00
ASTORIA_GT_10 24110	28.68 1.33 0.00	29.83 1.24 0.00	32.48 1.19 0.00	29.91 1.16 0.00	28.41 1.10 0.00	32.42 1.41 0.00	35.78 2.09 0.00	33.19 2.42 0.00	29.92 1.98 0.00	27.10 1.85 0.00	26.90 1.74 0.00	26.92 1.55 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.69 1.29 0.00	29.46 1.91 0.00	32.18 2.45 0.00	39.72 3.04 0.00	32.32 2.64 0.00	25.26 1.95 0.00	24.69 1.81 0.00	28.09 1.78 0.00	28.90 1.52 0.00	27.23 1.23 0.00
ASTORIA_GT_11 24225	28.68 1.33 0.00	29.83 1.24 0.00	32.48 1.19 0.00	29.91 1.16 0.00	28.41 1.10 0.00	32.42 1.41 0.00	35.78 2.09 0.00	33.19 2.42 0.00	29.92 1.98 0.00	27.10 1.85 0.00	26.90 1.74 0.00	26.92 1.55 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.69 1.29 0.00	29.46 1.91 0.00	32.18 2.45 0.00	39.72 3.04 0.00	32.32 2.64 0.00	25.26 1.95 0.00	24.69 1.81 0.00	28.09 1.78 0.00	28.90 1.52 0.00	27.23 1.23 0.00
ASTORIA_GT_12 24226	28.68 1.33 0.00	29.83 1.24 0.00	32.48 1.19 0.00	29.91 1.16 0.00	28.41 1.10 0.00	32.42 1.41 0.00	35.78 2.09 0.00	33.19 2.42 0.00	29.92 1.98 0.00	27.10 1.85 0.00	26.90 1.74 0.00	26.92 1.55 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.69 1.29 0.00	29.46 1.91 0.00	32.18 2.45 0.00	39.72 3.04 0.00	32.32 2.64 0.00	25.26 1.95 0.00	24.69 1.81 0.00	28.09 1.78 0.00	28.90 1.52 0.00	27.23 1.23 0.00
ASTORIA_GT_13 24227	28.68 1.33 0.00	29.83 1.24 0.00	32.48 1.19 0.00	29.91 1.16 0.00	28.41 1.10 0.00	32.42 1.41 0.00	35.78 2.09 0.00	33.19 2.42 0.00	29.92 1.98 0.00	27.10 1.85 0.00	26.90 1.74 0.00	26.92 1.55 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.69 1.29 0.00	29.46 1.91 0.00	32.18 2.45 0.00	39.72 3.04 0.00	32.32 2.64 0.00	25.26 1.95 0.00	24.69 1.81 0.00	28.09 1.78 0.00	28.90 1.52 0.00	27.23 1.23 0.00
ASTORIA_GT_5 24106	28.63 1.28 0.00	29.76 1.17 0.00	32.35 1.06 0.01	29.82 1.07 0.00	28.28 0.98 0.01	32.33 1.33 0.00	35.72 2.04 0.00	33.21 2.43 0.00	29.92 1.97 0.00	27.10 1.85 0.00	26.86 1.71 0.00	26.87 1.50 0.00	24.68 1.14 -0.55	23.28 1.18 0.00	24.72 1.32 0.00	29.44 1.90 0.00	32.13 2.40 0.00	39.73 3.05 0.00	32.39 2.71 0.00	25.29 1.98 0.00	24.73 1.85 0.00	28.11 1.79 0.00	28.93 1.55 0.00	27.27 1.27 0.00
ASTORIA_GT_7 24107	28.63 1.28 0.00	29.76 1.17 0.00	32.35 1.06 0.01	29.82 1.07 0.00	28.28 0.98 0.01	32.33 1.33 0.00	35.72 2.04 0.00	33.21 2.43 0.00	29.92 1.97 0.00	27.10 1.85 0.00	26.86 1.71 0.00	26.87 1.50 0.00	24.68 1.14 -0.55	23.28 1.18 0.00	24.72 1.32 0.00	29.44 1.90 0.00	32.13 2.40 0.00	39.73 3.05 0.00	32.39 2.71 0.00	25.29 1.98 0.00	24.73 1.85 0.00	28.11 1.79 0.00	28.93 1.55 0.00	27.27 1.27 0.00
ASTORIA_GT_8 24108	28.63 1.28 0.00	29.76 1.17 0.00	32.35 1.06 0.00	29.83 1.08 0.00	28.30 0.99 0.00	32.33 1.33 0.00	35.70 2.02 0.00	33.20 2.43 0.00	29.92 1.97 0.00	27.10 1.85 0.00	26.86 1.71 0.00	26.87 1.50 0.00	24.66 1.13 -0.55	23.28 1.18 0.00	24.72 1.32 0.00	29.44 1.90 0.00	32.13 2.40 0.00	39.71 3.04 0.00	32.40 2.73 0.00	25.29 1.98 0.00	24.76 1.87 0.00	28.10 1.79 0.00	28.93 1.54 0.00	27.27 1.27 0.00
ASTORIA___2 24149	28.58 1.22 0.00	29.70 1.11 0.00	32.29 1.00 0.01	29.78 1.03 0.00	28.24 0.94 0.01	32.27 1.27 0.00	35.66 1.98 0.00	33.15 2.37 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.63 1.09 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.38 1.84 0.00	32.06 2.34 0.00	39.65 2.98 0.00	32.33 2.65 0.00	25.24 1.93 0.00	24.69 1.81 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA___3 23516	28.58 1.22 0.00	29.70 1.11 0.00	32.29 1.00 0.01	29.78 1.03 0.00	28.24 0.94 0.01	32.27 1.27 0.00	35.66 1.98 0.00	33.15 2.37 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.63 1.09 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.38 1.84 0.00	32.06 2.34 0.00	39.65 2.98 0.00	32.33 2.65 0.00	25.24 1.93 0.00	24.69 1.81 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA___4 23517	28.58 1.23 0.00	29.70 1.11 0.00	32.30 1.00 0.00	29.78 1.03 0.00	28.26 0.95 0.00	32.28 1.28 0.00	35.64 1.96 0.00	33.14 2.36 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.62 1.08 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.84 0.00	32.07 2.34 0.00	39.64 2.96 0.00	32.35 2.67 0.00	25.24 1.93 0.00	24.71 1.83 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
ASTORIA___5 23518	28.68 1.33 0.00	29.83 1.24 0.00	32.48 1.19 0.00	29.91 1.16 0.00	28.39 1.09 0.00	32.43 1.42 0.00	35.80 2.12 0.00	33.20 2.43 0.00	29.93 1.98 0.00	27.10 1.85 0.00	26.90 1.74 0.00	26.93 1.55 0.00	24.63 1.09 -0.55	23.24 1.14 0.00	24.70 1.30 0.00	29.46 1.92 0.00	32.18 2.45 0.00	39.73 3.05 0.00	32.31 2.63 0.00	25.27 1.95 0.00	24.69 1.80 0.00	28.09 1.77 0.00	28.90 1.51 0.00	27.24 1.24 0.00
AST_ENERGY_2_CC3 323677	28.71 1.36 0.00	29.86 1.27 0.00	32.53 1.23 0.00	29.94 1.19 0.00	28.43 1.12 0.00	32.43 1.42 0.00	35.79 2.10 0.00	33.16 2.38 0.00	29.88 1.94 0.00	27.07 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.63 1.09 -0.55	23.25 1.14 0.00	24.70 1.30 0.00	29.45 1.90 0.00	32.16 2.43 0.00	39.72 3.04 0.00	32.26 2.58 0.00	25.26 1.94 0.00	24.68 1.79 0.00	28.09 1.78 0.00	28.90 1.51 0.00	27.23 1.23 0.00
AST_ENERGY_2_CC4 323678	28.71 1.36 0.00	29.86 1.27 0.00	32.53 1.23 0.00	29.94 1.19 0.00	28.43 1.12 0.00	32.43 1.42 0.00	35.79 2.10 0.00	33.16 2.38 0.00	29.88 1.94 0.00	27.07 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.63 1.09 -0.55	23.25 1.14 0.00	24.70 1.30 0.00	29.45 1.90 0.00	32.16 2.43 0.00	39.72 3.04 0.00	32.26 2.58 0.00	25.26 1.94 0.00	24.68 1.79 0.00	28.09 1.78 0.00	28.90 1.51 0.00	27.23 1.23 0.00

ATHENS_STG_1 23668	28.26 0.91 0.00	29.42 0.83 0.00	32.14 0.85 0.00	29.57 0.82 0.00	28.09 0.78 0.00	31.98 0.98 0.00	35.01 1.33 0.00	32.26 1.49 0.00	29.15 1.20 0.00	26.31 1.07 0.00	26.06 0.90 0.00	26.16 0.79 0.00	23.65 0.55 -0.12	22.68 0.57 0.00	24.08 0.68 0.00	28.61 1.07 0.00	31.13 1.39 0.00	38.52 1.84 0.00	31.24 1.56 0.00	24.53 1.22 0.00	24.02 1.13 0.00	27.41 1.10 0.00	28.32 0.93 0.00	26.80 0.80 0.00
ATHENS_STG_2 23670	28.26 0.91 0.00	29.42 0.83 0.00	32.14 0.85 0.00	29.57 0.82 0.00	28.09 0.78 0.00	31.98 0.98 0.00	35.01 1.33 0.00	32.26 1.49 0.00	29.15 1.20 0.00	26.31 1.07 0.00	26.06 0.90 0.00	26.16 0.79 0.00	23.65 0.55 -0.12	22.68 0.57 0.00	24.08 0.68 0.00	28.61 1.07 0.00	31.13 1.39 0.00	38.52 1.84 0.00	31.24 1.56 0.00	24.53 1.22 0.00	24.02 1.13 0.00	27.41 1.10 0.00	28.32 0.93 0.00	26.80 0.80 0.00
ATHENS_STG_3 23677	28.26 0.91 0.00	29.42 0.83 0.00	32.14 0.85 0.00	29.57 0.82 0.00	28.09 0.78 0.00	31.98 0.98 0.00	35.01 1.33 0.00	32.26 1.49 0.00	29.15 1.20 0.00	26.31 1.07 0.00	26.06 0.90 0.00	26.16 0.79 0.00	23.65 0.55 -0.12	22.68 0.57 0.00	24.08 0.68 0.00	28.61 1.07 0.00	31.13 1.39 0.00	38.52 1.84 0.00	31.24 1.56 0.00	24.53 1.22 0.00	24.02 1.13 0.00	27.41 1.10 0.00	28.32 0.93 0.00	26.80 0.80 0.00
AUBURN___LFGE 323710	27.24 -0.11 0.00	28.28 -0.31 0.00	30.94 -0.36 0.00	28.43 -0.32 0.00	26.93 -0.38 0.00	30.82 -0.18 0.00	33.73 0.05 0.00	30.81 0.03 0.00	27.83 -0.12 0.00	25.16 -0.09 0.00	25.05 -0.11 0.00	25.18 -0.20 0.00	22.69 -0.29 0.00	21.73 -0.37 0.00	23.11 -0.29 0.00	27.40 -0.15 0.00	29.58 -0.14 0.00	36.62 -0.06 0.00	29.59 -0.09 0.00	23.09 -0.22 0.00	22.64 -0.26 -0.02	25.98 -0.37 -0.04	26.85 -0.53 0.00	25.71 -0.31 -0.03
BABYLON_RES_REC 323704	29.78 2.42 -0.01	30.82 2.23 0.00	33.56 2.26 0.00	30.98 2.23 0.00	35.18 2.15 -5.72	68.72 2.48 -35.24	83.38 3.06 -46.63	75.84 3.26 -41.80	65.49 2.67 -34.88	36.33 2.42 -8.67	31.66 2.24 -4.27	27.39 1.99 -0.03	36.23 1.62 -11.62	32.70 1.59 -9.00	44.68 1.89 -19.40	67.13 2.63 -36.97	61.79 3.14 -28.93	111.49 3.77 -71.04	403.87 3.14 -371.05	119.23 2.48 -93.44	69.97 2.46 -44.62	42.59 2.56 -13.71	29.77 2.38 -0.01	28.05 2.06 0.00
BABYLON__69_KV_BK2 356345	30.14 2.78 -0.01	31.19 2.60 0.00	33.96 2.66 0.00	31.34 2.59 0.00	35.64 2.50 -5.84	69.92 2.99 -35.93	84.80 3.69 -47.43	76.97 3.86 -42.33	66.17 3.22 -35.01	36.87 2.91 -8.71	32.17 2.72 -4.29	27.89 2.48 -0.03	36.64 2.04 -11.62	32.96 2.02 -8.83	45.11 2.30 -19.41	67.68 3.18 -36.96	62.27 3.81 -28.73	111.31 4.63 -70.00	400.73 3.87 -367.19	119.05 2.96 -92.78	69.53 2.77 -43.88	42.94 2.92 -13.71	30.13 2.74 -0.01	28.37 2.37 0.00
BALL_HILL_WT_PWR 323825	25.66 -1.05 0.65	26.89 -1.52 0.18	29.64 -1.65 0.00	27.07 -1.68 0.00	25.66 -1.65 0.00	29.06 -1.81 0.13	31.63 -1.93 0.12	28.69 -2.09 0.00	25.02 -2.17 0.76	22.33 -2.02 0.90	23.31 -1.78 0.06	23.61 -1.76 0.00	18.97 -1.74 2.28	20.38 -1.53 0.20	21.94 -1.29 0.17	26.09 -1.45 0.00	27.93 -1.80 0.00	34.20 -2.48 0.00	27.30 -2.38 0.00	21.30 -2.01 0.00	20.37 -2.14 0.37	23.44 -2.56 0.31	24.71 -2.67 0.00	21.80 -2.29 1.91
BARON_WINDS___WT_PWR 323822	26.94 -0.65 -0.23	27.65 -1.00 -0.06	30.30 -1.00 0.00	27.81 -0.93 0.00	26.40 -0.90 0.00	30.02 -1.03 -0.05	32.61 -1.11 -0.04	29.64 -1.13 0.00	26.83 -1.39 -0.27	24.19 -1.38 -0.33	23.93 -1.25 -0.02	24.14 -1.24 0.00	22.44 -1.36 -0.82	20.95 -1.22 -0.07	22.39 -1.07 -0.06	26.44 -1.10 0.00	28.28 -1.45 0.00	34.74 -1.94 0.00	27.80 -1.87 0.00	21.63 -1.68 0.00	21.02 -1.81 0.06	22.85 -2.12 1.34	25.09 -2.29 0.00	24.39 -2.04 -0.43
BARRETT_IC_1 23704	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_10 23701	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_11 23702	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_12 23703	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_2 23705	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_3 23706	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_4 23707	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01

BARRETT_IC_5 23708	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_6 23709	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_7 23710	29.26 1.90 -0.01	30.33 1.74 0.00	33.09 1.80 0.00	30.61 1.85 -0.01	35.40 1.78 -6.31	71.95 2.17 -38.78	87.02 2.76 -50.58	77.86 2.99 -44.09	65.16 2.48 -34.74	36.25 2.28 -8.73	31.58 2.12 -4.30	27.32 1.91 -0.04	35.74 1.50 -11.25	31.20 1.52 -7.58	44.06 1.73 -18.93	65.85 2.41 -35.90	59.83 3.00 -27.10	104.58 3.71 -64.20	381.09 3.03 -348.37	114.23 2.34 -88.57	66.26 2.15 -41.23	41.96 2.24 -13.40	29.47 2.07 -0.01	27.77 1.77 -0.01
BARRETT_IC_8 23711	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT_IC_9 23700	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT___1 23545	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BARRETT___2 23546	29.27 1.91 -0.01	30.33 1.74 0.00	33.09 1.79 0.00	30.61 1.85 -0.01	35.38 1.77 -6.31	71.98 2.20 -38.78	87.10 2.84 -50.58	77.86 2.99 -44.09	65.17 2.48 -34.74	36.26 2.29 -8.73	31.57 2.12 -4.30	27.32 1.91 -0.04	35.72 1.48 -11.25	31.19 1.50 -7.58	44.06 1.73 -18.93	65.81 2.37 -35.90	59.78 2.96 -27.10	104.62 3.74 -64.20	381.08 3.03 -348.37	114.22 2.34 -88.57	66.26 2.15 -41.23	41.94 2.23 -13.40	29.46 2.06 -0.02	27.80 1.79 -0.01
BATAVIA__115KV_TB1 55881	26.59 -0.76 0.00	27.40 -1.19 0.00	29.90 -1.40 0.00	27.32 -1.43 0.00	25.97 -1.34 0.00	29.71 -1.29 0.00	32.42 -1.26 0.00	29.29 -1.48 0.00	26.51 -1.44 0.00	23.78 -1.47 0.00	23.88 -1.28 0.00	24.03 -1.34 0.00	21.54 -1.45 0.00	20.81 -1.29 0.00	22.31 -1.09 0.00	26.37 -1.17 0.00	28.33 -1.40 0.00	34.69 -1.99 0.00	27.86 -1.82 0.00	21.83 -1.48 0.00	21.18 -1.64 0.06	24.09 -2.07 0.16	25.28 -2.11 0.00	24.13 -1.78 0.08
BAYONEEC___CTG1 323682	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG10 323750	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG2 323683	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG3 323684	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG4 323685	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG5 323686	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG6 323687	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00

BAYONEEC___CTG7 323688	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG8 323689	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BAYONEEC___CTG9 323749	28.72 1.37 0.00	29.88 1.29 0.00	32.55 1.25 0.00	29.96 1.21 0.00	28.45 1.14 0.00	32.45 1.45 0.00	35.83 2.14 0.00	33.19 2.41 0.00	29.91 1.96 0.00	27.08 1.83 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.31 0.00	29.48 1.93 0.00	32.19 2.46 0.00	39.75 3.07 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.91 1.53 0.00	27.25 1.25 0.00
BEACON___LESR 323632	28.39 1.03 0.00	29.56 0.98 0.00	32.31 1.02 0.00	29.67 0.92 0.00	28.17 0.86 0.00	32.17 1.17 0.00	35.27 1.59 0.00	32.44 1.66 0.00	29.32 1.37 0.00	26.40 1.16 0.00	26.12 0.96 0.00	26.20 0.82 0.00	23.55 0.57 0.00	22.76 0.66 0.00	24.21 0.80 0.00	28.69 1.14 0.00	31.17 1.44 0.00	38.82 2.14 0.00	31.48 1.80 0.00	24.82 1.51 0.00	24.30 1.42 0.00	27.70 1.39 0.00	28.60 1.22 0.00	27.04 1.04 0.00
BEAVER RIVER___HYD 24048	27.51 0.16 0.00	28.74 0.15 0.00	31.48 0.19 0.00	28.90 0.15 0.00	27.45 0.14 0.00	31.19 0.18 0.00	34.04 0.36 0.00	31.15 0.37 0.00	28.27 0.32 0.00	25.47 0.22 0.00	25.33 0.17 0.00	25.46 0.08 0.00	22.93 -0.06 0.00	21.82 -0.28 0.00	22.85 -0.55 0.00	26.82 -0.73 0.00	28.96 -0.77 0.00	35.84 -0.83 0.00	28.56 -1.11 0.00	22.41 -0.90 0.00	22.00 -0.88 0.00	25.42 -0.90 0.00	26.82 -0.56 0.00	25.43 -0.57 0.00
BEEBEE_GT_13 23619	26.40 -0.96 0.00	27.33 -1.26 0.00	29.85 -1.45 0.00	27.32 -1.43 0.00	25.96 -1.35 0.00	29.62 -1.38 0.00	32.35 -1.33 0.00	29.37 -1.41 0.00	26.57 -1.38 0.00	23.93 -1.32 0.00	23.96 -1.20 0.00	24.13 -1.25 0.00	21.76 -1.22 0.00	20.95 -1.16 0.00	22.35 -1.05 0.00	26.40 -1.14 0.00	28.40 -1.33 0.00	34.89 -1.79 0.00	28.08 -1.60 0.00	22.00 -1.31 0.00	21.40 -1.43 0.05	24.51 -1.77 0.03	25.59 -1.79 0.00	24.42 -1.51 0.07
BENSHRST_27_KV_BENSHRST_1 355998	28.95 1.59 0.00	30.06 1.48 0.00	32.73 1.44 0.00	30.13 1.38 0.00	28.62 1.32 0.00	32.67 1.66 0.00	36.05 2.37 0.00	33.45 2.67 0.00	30.15 2.19 0.00	27.27 2.03 0.00	27.05 1.89 0.00	27.08 1.70 0.00	24.79 1.25 -0.55	23.40 1.30 0.00	24.87 1.47 0.00	29.68 2.14 0.00	32.45 2.72 0.00	40.00 3.32 0.00	32.60 2.92 0.00	25.48 2.17 0.00	24.90 2.02 0.00	28.33 2.02 0.00	29.14 1.76 0.00	27.46 1.46 0.00
BETHLEHEM___GRP 23843	27.95 0.60 0.00	29.12 0.53 0.00	31.82 0.53 0.00	29.26 0.52 0.00	27.80 0.49 0.00	31.66 0.65 0.00	34.61 0.93 0.00	31.83 1.05 0.00	28.80 0.85 0.00	26.00 0.75 0.00	25.71 0.56 0.00	25.83 0.45 0.00	23.27 0.28 0.00	22.44 0.34 0.00	23.81 0.41 0.00	28.18 0.64 0.00	30.63 0.89 0.00	38.02 1.34 0.00	30.86 1.18 0.00	24.33 1.02 0.00	23.88 0.99 0.00	27.19 0.88 0.00	28.08 0.70 0.00	26.62 0.62 0.00
BETHLEHEM___GS1 323560	27.94 0.59 0.00	29.12 0.53 0.00	31.82 0.53 0.00	29.26 0.52 0.00	27.80 0.49 0.00	31.66 0.65 0.00	34.62 0.94 0.00	31.83 1.05 0.00	28.80 0.85 0.00	26.00 0.75 0.00	25.71 0.56 0.00	25.83 0.45 0.00	23.27 0.29 0.00	22.44 0.34 0.00	23.81 0.41 0.00	28.18 0.63 0.00	30.63 0.89 0.00	38.02 1.34 0.00	30.86 1.19 0.00	24.33 1.01 0.00	23.87 0.99 0.00	27.19 0.88 0.00	28.09 0.70 0.00	26.62 0.62 0.00
BETHLEHEM___GS2 323561	27.94 0.59 0.00	29.12 0.53 0.00	31.82 0.53 0.00	29.26 0.52 0.00	27.80 0.49 0.00	31.66 0.65 0.00	34.62 0.94 0.00	31.83 1.05 0.00	28.80 0.85 0.00	26.00 0.75 0.00	25.71 0.56 0.00	25.83 0.45 0.00	23.27 0.29 0.00	22.44 0.34 0.00	23.81 0.41 0.00	28.18 0.63 0.00	30.63 0.89 0.00	38.02 1.34 0.00	30.86 1.19 0.00	24.33 1.01 0.00	23.87 0.99 0.00	27.19 0.88 0.00	28.09 0.70 0.00	26.62 0.62 0.00
BETHLEHEM___GS3 323562	27.94 0.59 0.00	29.12 0.53 0.00	31.82 0.53 0.00	29.26 0.52 0.00	27.80 0.49 0.00	31.66 0.65 0.00	34.62 0.94 0.00	31.83 1.05 0.00	28.80 0.85 0.00	26.00 0.75 0.00	25.71 0.56 0.00	25.83 0.45 0.00	23.27 0.29 0.00	22.44 0.34 0.00	23.81 0.41 0.00	28.18 0.63 0.00	30.63 0.89 0.00	38.02 1.34 0.00	30.86 1.19 0.00	24.33 1.01 0.00	23.87 0.99 0.00	27.19 0.88 0.00	28.09 0.70 0.00	26.62 0.62 0.00
BETHLEHEM___STEEL 23779	26.36 -0.99 0.00	27.13 -1.46 0.00	29.65 -1.65 0.00	27.08 -1.67 0.00	25.69 -1.62 0.00	29.30 -1.70 0.00	31.91 -1.78 0.00	28.73 -2.05 0.00	25.91 -2.05 0.00	23.30 -1.95 0.00	23.44 -1.71 0.00	23.63 -1.75 0.00	21.33 -1.65 0.00	20.60 -1.50 0.00	22.14 -1.26 0.00	26.07 -1.48 0.00	27.90 -1.83 0.00	34.14 -2.55 0.00	27.33 -2.35 0.00	21.37 -1.95 0.00	20.72 -2.09 0.08	23.48 -2.52 0.31	24.82 -2.56 0.00	23.73 -2.16 0.11
BETHLHEM_115KV_TB1 79974	27.97 0.62 0.00	29.14 0.55 0.00	31.85 0.56 0.00	29.29 0.54 0.00	27.82 0.52 0.00	31.68 0.68 0.00	34.63 0.95 0.00	31.86 1.08 0.00	28.82 0.87 0.00	26.01 0.77 0.00	25.74 0.58 0.00	25.85 0.47 0.00	23.29 0.30 0.00	22.46 0.36 0.00	23.82 0.42 0.00	28.21 0.66 0.00	30.66 0.93 0.00	38.06 1.38 0.00	30.88 1.21 0.00	24.34 1.03 0.00	23.88 1.00 0.00	27.21 0.89 0.00	28.12 0.73 0.00	26.65 0.65 0.00
BETHPAGE_CC_5 323564	29.58 2.22 -0.01	30.62 2.03 0.00	33.35 2.05 0.00	30.79 2.04 0.00	34.90 1.96 -5.63	68.10 2.42 -34.68	82.79 3.03 -46.07	75.60 3.22 -41.61	65.82 2.66 -35.21	36.40 2.42 -8.73	31.71 2.25 -4.30	27.45 2.04 -0.03	36.46 1.66 -11.81	33.19 1.65 -9.43	45.01 1.92 -19.68	67.75 2.64 -37.57	62.64 3.19 -29.72	114.36 3.99 -73.69	415.08 3.33 -382.08	121.76 2.50 -95.95	72.04 2.31 -46.85	42.58 2.40 -13.86	29.63 2.24 -0.01	27.93 1.93 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.54 -0.81 0.00	27.31 -1.28 0.00	29.86 -1.43 0.00	27.27 -1.48 0.00	25.86 -1.44 0.00	29.49 -1.51 0.00	32.12 -1.56 0.00	28.96 -1.82 0.00	26.11 -1.84 0.00	23.48 -1.77 0.00	23.63 -1.53 0.00	23.81 -1.57 0.00	21.50 -1.48 0.00	20.76 -1.35 0.00	22.29 -1.10 0.00	26.26 -1.28 0.00	28.13 -1.61 0.00	34.42 -2.26 0.00	27.56 -2.12 0.00	21.53 -1.78 0.00	20.87 -1.93 0.08	23.67 -2.34 0.30	25.00 -2.38 0.00	23.90 -1.99 0.11

BINGHAMTON___COGEN 23790	27.31 -0.05 0.00	28.33 -0.25 0.00	31.02 -0.27 0.00	28.49 -0.26 0.00	27.06 -0.25 0.00	30.84 -0.16 0.00	33.72 0.04 0.00	30.95 0.17 0.00	27.87 -0.08 0.00	25.17 -0.08 0.00	25.05 -0.10 0.00	25.19 -0.18 0.00	22.65 -0.34 0.00	21.81 -0.30 0.00	23.16 -0.24 0.00	27.48 -0.06 0.00	29.77 0.05 0.00	36.79 0.11 0.00	29.66 -0.02 0.00	23.22 -0.09 0.00	22.69 -0.19 0.00	26.00 -0.32 0.00	26.94 -0.44 0.00	25.61 -0.38 0.00
BIXINCNT_115KV_LOAD 355685	27.22 -0.13 0.00	28.06 -0.53 0.00	30.72 -0.57 0.00	28.06 -0.68 0.00	26.53 -0.78 0.00	30.09 -0.91 0.00	32.74 -0.94 0.00	29.66 -1.12 0.00	26.68 -1.27 0.00	23.97 -1.28 0.00	24.21 -0.95 0.00	24.40 -0.97 0.00	22.05 -0.94 0.00	21.20 -0.91 0.00	22.80 -0.60 0.00	26.93 -0.61 0.00	28.96 -0.77 0.00	35.44 -1.24 0.00	28.19 -1.49 0.00	21.82 -1.49 0.00	21.09 -1.72 0.08	23.93 -2.11 0.28	25.36 -2.02 0.00	24.29 -1.60 0.11
BLACK RIVER___HYD 24047	27.38 0.03 0.00	28.53 -0.06 0.00	31.23 -0.05 0.00	28.69 -0.05 0.00	27.29 -0.02 0.00	31.11 0.11 0.00	34.06 0.38 0.00	31.21 0.44 0.00	28.29 0.34 0.00	25.48 0.23 0.00	25.28 0.12 0.00	25.34 -0.03 0.00	22.74 -0.24 0.00	21.61 -0.49 0.00	22.63 -0.77 0.00	26.74 -0.81 0.00	28.94 -0.80 0.00	35.93 -0.75 0.00	28.50 -1.17 0.00	22.35 -0.96 0.00	21.87 -1.01 0.00	25.30 -1.01 0.00	26.68 -0.70 0.00	25.29 -0.71 0.00
BLACKRVR_115KV_TB2 79977	27.38 0.02 0.00	28.53 -0.06 0.00	31.23 -0.05 0.00	28.69 -0.05 0.00	27.29 -0.02 0.00	31.11 0.11 0.00	34.07 0.39 0.00	31.21 0.44 0.00	28.30 0.35 0.00	25.48 0.23 0.00	25.28 0.12 0.00	25.34 -0.03 0.00	22.74 -0.24 0.00	21.61 -0.49 0.00	22.64 -0.76 0.00	26.74 -0.81 0.00	28.93 -0.80 0.00	35.93 -0.75 0.00	28.50 -1.17 0.00	22.35 -0.96 0.00	21.87 -1.01 0.00	25.30 -1.01 0.00	26.68 -0.71 0.00	25.29 -0.71 0.00
BLISS_WT_PWR 323608	26.54 -0.11 0.70	27.87 -0.52 0.19	30.75 -0.54 0.00	28.08 -0.67 0.00	26.58 -0.73 0.00	29.91 -0.96 0.14	32.49 -1.06 0.13	29.56 -1.21 0.00	25.81 -1.33 0.81	22.95 -1.33 0.97	24.12 -0.97 0.07	24.39 -0.99 0.00	19.59 -0.94 2.45	20.96 -0.93 0.21	22.59 -0.62 0.19	26.91 -0.63 0.00	28.96 -0.77 0.00	35.45 -1.23 0.00	28.14 -1.54 0.00	21.74 -1.57 0.00	20.67 -1.82 0.39	23.78 -2.26 0.28	25.26 -2.12 0.00	22.27 -1.68 2.05
BLUESTONE___WT_PWR 323821	28.84 1.33 -0.15	29.80 1.17 -0.04	32.61 1.32 0.00	29.89 1.15 0.00	28.39 1.09 0.00	32.74 1.71 -0.03	35.97 2.26 -0.03	33.12 2.35 0.00	29.87 1.74 -0.18	26.76 1.30 -0.21	26.16 0.99 -0.02	26.26 0.88 0.00	24.04 0.51 -0.54	22.46 0.31 -0.05	23.69 0.25 -0.04	28.06 0.51 0.00	30.35 0.62 0.00	37.23 0.56 0.00	29.95 0.28 0.00	23.52 0.21 0.00	22.87 -0.14 -0.13	26.16 -0.19 -0.04	26.93 -0.45 0.00	26.03 -0.47 -0.51
BLUE_CIRC_CHEM_DRP 24182	28.24 0.89 0.00	29.44 0.85 0.00	32.18 0.89 0.00	29.59 0.84 0.00	28.10 0.80 0.00	32.00 1.00 0.00	34.96 1.28 0.00	32.11 1.34 0.00	29.05 1.10 0.00	26.21 0.96 0.00	25.93 0.77 0.00	26.04 0.66 0.00	23.47 0.48 0.00	22.63 0.53 0.00	24.01 0.61 0.00	28.43 0.89 0.00	30.90 1.17 0.00	38.33 1.65 0.00	31.09 1.41 0.00	24.48 1.17 0.00	24.00 1.12 0.00	27.39 1.07 0.00	28.33 0.95 0.00	26.86 0.86 0.00
BOC_GAS_DRP 24189	28.00 0.64 0.00	29.16 0.57 0.00	31.88 0.59 0.00	29.32 0.57 0.00	27.85 0.54 0.00	31.70 0.70 0.00	34.63 0.95 0.00	31.85 1.08 0.00	28.81 0.87 0.00	26.01 0.76 0.00	25.75 0.59 0.00	25.88 0.50 0.00	23.31 0.33 0.00	22.47 0.37 0.00	23.83 0.43 0.00	28.24 0.70 0.00	30.70 0.97 0.00	38.07 1.40 0.00	30.88 1.21 0.00	24.30 0.99 0.00	23.82 0.94 0.00	27.19 0.87 0.00	28.13 0.74 0.00	26.65 0.65 0.00
BOONVILLE_115KV_TB1 79983	27.98 0.63 0.00	29.20 0.61 0.00	31.95 0.65 0.00	29.36 0.61 0.00	27.91 0.60 0.00	31.78 0.78 0.00	34.73 1.05 0.00	31.82 1.04 0.00	28.83 0.88 0.00	25.99 0.74 0.00	25.78 0.63 0.00	25.88 0.50 0.00	23.39 0.40 0.00	22.31 0.21 0.00	23.57 0.16 0.00	27.79 0.24 0.00	30.06 0.33 0.00	37.20 0.53 0.00	29.88 0.20 0.00	23.46 0.15 0.00	23.00 0.12 0.00	26.41 0.10 0.00	27.63 0.24 0.00	26.17 0.17 0.00
BORALEX_4TH_BRANCH 23824	29.42 2.07 0.00	30.66 2.07 0.00	33.45 2.16 0.00	30.78 2.04 0.00	29.29 1.98 0.00	33.31 2.31 0.00	36.52 2.84 0.00	33.66 2.88 0.00	30.42 2.48 0.00	27.30 2.05 0.00	27.06 1.90 0.00	27.15 1.77 0.00	24.52 1.42 -0.11	23.49 1.38 0.00	24.99 1.60 0.00	29.85 2.31 0.00	31.86 2.13 0.00	38.85 2.17 0.00	31.57 1.89 0.00	24.96 1.65 0.00	24.52 1.63 0.00	27.93 1.61 0.00	28.84 1.46 0.00	27.32 1.32 0.00
BOWLINE___1 23526	28.44 1.09 0.00	29.64 1.05 0.00	32.39 1.09 0.00	29.85 1.10 0.00	28.36 1.05 0.00	32.33 1.33 0.00	35.58 1.90 0.00	32.96 2.18 0.00	29.69 1.73 0.00	26.82 1.58 0.00	26.56 1.40 0.00	26.61 1.24 0.00	22.84 0.85 0.99	22.99 0.89 0.00	24.45 1.05 0.00	29.19 1.65 0.00	31.90 2.17 0.00	39.46 2.78 0.00	32.00 2.32 0.00	25.05 1.74 0.00	24.48 1.60 0.00	27.91 1.59 0.00	28.74 1.35 0.00	27.12 1.13 0.00
BOWLINE___2 23595	28.46 1.11 0.00	29.63 1.04 0.00	32.39 1.09 0.00	29.84 1.09 0.00	28.36 1.05 0.00	32.32 1.32 0.00	35.57 1.89 0.00	32.94 2.17 0.00	29.68 1.73 0.00	26.82 1.57 0.00	26.55 1.39 0.00	26.60 1.23 0.00	22.42 0.84 1.41	22.98 0.88 0.00	24.44 1.04 0.00	29.19 1.64 0.00	31.89 2.16 0.00	39.45 2.77 0.00	31.98 2.31 0.00	25.04 1.73 0.00	24.48 1.60 0.00	27.90 1.58 0.00	28.72 1.34 0.00	27.12 1.12 0.00
BRADY___115KV_TB2 356060	28.10 0.75 0.00	29.49 0.90 0.00	32.33 1.03 0.00	29.66 0.90 0.00	28.08 0.77 0.00	31.64 0.63 0.00	34.07 0.39 0.00	30.93 0.15 0.00	28.23 0.28 0.00	25.50 0.25 0.00	25.63 0.47 0.00	26.03 0.66 0.00	23.73 0.75 0.00	22.79 0.69 0.00	24.07 0.67 0.00	28.00 0.45 0.00	30.03 0.29 0.00	36.85 0.17 0.00	29.77 0.09 0.00	23.38 0.07 0.00	23.10 0.22 0.00	26.81 0.49 0.00	28.04 0.66 0.00	26.59 0.60 0.00
BRANSCOMB___SOLAR 323811	28.60 1.25 0.00	29.81 1.22 0.00	32.63 1.34 0.00	30.02 1.27 0.00	28.47 1.17 0.00	32.47 1.46 0.00	35.51 1.83 0.00	32.67 1.89 0.00	29.60 1.65 0.00	26.64 1.39 0.00	26.37 1.22 0.00	26.52 1.14 0.00	23.96 0.89 -0.09	22.97 0.87 0.00	24.35 0.95 0.00	29.01 1.47 0.00	31.39 1.66 0.00	38.77 2.09 0.00	31.41 1.73 0.00	24.72 1.41 0.00	24.21 1.33 0.00	27.60 1.29 0.00	28.54 1.16 0.00	27.02 1.02 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.07 2.71 -0.01	31.13 2.54 0.00	33.87 2.58 0.00	31.27 2.52 0.00	35.74 2.44 -5.99	70.84 2.92 -36.91	85.81 3.60 -48.52	77.50 3.76 -42.96	66.04 3.15 -34.95	36.85 2.88 -8.72	32.17 2.72 -4.30	27.87 2.46 -0.03	36.52 2.04 -11.50	32.54 2.02 -8.42	44.94 2.28 -19.27	67.30 3.15 -36.61	61.53 3.71 -28.09	108.50 4.34 -67.48	390.10 3.68 -356.74	116.25 2.81 -90.13	67.22 2.60 -41.73	42.59 2.77 -13.51	30.01 2.62 -0.01	28.28 2.29 0.00



BRISTLHL_115KV_TB1 79998	26.50 -0.85 0.00	27.56 -1.02 0.00	30.14 -1.15 0.00	27.69 -1.06 0.00	26.34 -0.97 0.00	29.98 -1.02 0.00	32.75 -0.93 0.00	29.99 -0.79 0.00	27.14 -0.81 0.00	24.53 -0.71 0.00	24.42 -0.73 0.00	24.60 -0.78 0.00	22.19 -0.79 0.00	21.34 -0.76 0.00	22.57 -0.83 0.00	26.72 -0.83 0.00	28.95 -0.78 0.00	35.74 -0.94 0.00	28.85 -0.83 0.00	22.62 -0.69 0.00	22.12 -0.76 0.00	25.36 -0.95 0.00	26.42 -0.96 0.00	25.23 -0.76 0.00
BROOKHAVEN___DRP 24191	30.16 2.80 -0.01	31.19 2.61 0.00	33.96 2.67 0.00	31.35 2.60 0.00	35.88 2.52 -6.05	71.33 3.04 -37.28	86.33 3.72 -48.93	77.87 3.91 -43.18	66.08 3.23 -34.90	36.89 2.92 -8.72	32.16 2.71 -4.30	27.85 2.44 -0.03	36.41 1.97 -11.45	32.37 2.02 -8.25	44.85 2.25 -19.20	67.18 3.18 -36.45	61.49 3.94 -27.82	108.10 4.88 -66.54	387.47 3.86 -353.94	115.77 2.97 -89.49	66.78 2.73 -41.16	42.64 2.86 -13.47	30.07 2.68 -0.01	28.32 2.32 0.00
BROOKLYN_NAVY_YARD 23515	28.68 1.33 0.00	29.82 1.23 0.00	32.48 1.19 0.00	29.91 1.15 0.00	28.39 1.08 0.00	32.40 1.40 0.00	35.79 2.11 0.00	33.14 2.36 0.00	29.85 1.90 0.00	27.02 1.77 0.00	26.81 1.65 0.00	26.85 1.47 0.00	24.59 1.05 -0.55	23.22 1.12 0.00	24.66 1.26 0.00	29.43 1.88 0.00	32.13 2.40 0.00	39.70 3.02 0.00	32.25 2.57 0.00	25.24 1.93 0.00	24.66 1.78 0.00	28.09 1.77 0.00	28.89 1.50 0.00	27.22 1.22 0.00
BROOKLYN___ARMY_DRP 323595	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
BROOKVLE_69_KV_TB1 55790	29.36 2.00 -0.01	30.44 1.85 0.00	33.17 1.88 0.00	30.60 1.85 0.00	33.60 1.78 -4.51	60.98 2.19 -27.79	75.02 2.84 -38.50	71.19 3.01 -37.41	66.41 2.52 -35.94	36.30 2.32 -8.73	31.61 2.15 -4.30	27.39 1.98 -0.03	37.26 1.54 -12.73	36.16 1.57 -12.50	46.05 1.74 -20.91	70.38 2.44 -40.40	67.32 3.03 -34.56	132.99 3.81 -92.50	494.42 3.20 -461.55	139.78 2.43 -114.04	87.86 2.25 -62.74	43.56 2.30 -14.95	29.49 2.10 -0.01	27.77 1.78 0.00
BROOME_2_LFGE 323671	27.52 -0.05 -0.21	28.39 -0.25 -0.06	31.02 -0.27 0.00	28.49 -0.26 0.00	27.07 -0.24 0.00	30.88 -0.17 -0.04	33.75 0.03 -0.04	30.94 0.17 0.00	28.11 -0.09 -0.25	25.46 -0.08 -0.29	25.07 -0.10 -0.02	25.19 -0.18 0.00	23.39 -0.34 -0.74	21.87 -0.30 -0.06	23.22 -0.24 -0.06	27.48 -0.06 0.00	29.77 0.04 0.00	36.79 0.11 0.00	29.66 -0.02 0.00	23.22 -0.09 0.00	22.79 -0.19 -0.10	25.99 -0.32 0.00	26.94 -0.44 0.00	26.21 -0.38 -0.59
BROOME___LFGE 323600	27.52 -0.05 -0.21	28.39 -0.25 -0.06	31.02 -0.27 0.00	28.49 -0.26 0.00	27.07 -0.24 0.00	30.88 -0.17 -0.04	33.75 0.03 -0.04	30.94 0.17 0.00	28.11 -0.09 -0.25	25.46 -0.08 -0.29	25.07 -0.10 -0.02	25.19 -0.18 0.00	23.39 -0.34 -0.74	21.87 -0.30 -0.06	23.22 -0.24 -0.06	27.48 -0.06 0.00	29.77 0.04 0.00	36.79 0.11 0.00	29.66 -0.02 0.00	23.22 -0.09 0.00	22.79 -0.19 -0.10	25.99 -0.32 0.00	26.94 -0.44 0.00	26.21 -0.38 -0.59
BROWNFLS_115KV_TB_3_5 80003	27.48 0.13 0.00	28.76 0.18 0.00	31.52 0.22 0.00	28.93 0.17 0.00	27.40 0.09 0.00	30.93 -0.08 0.00	33.49 -0.19 0.00	30.55 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.18 0.00	25.10 -0.06 0.00	25.36 -0.01 0.00	22.96 -0.02 0.00	21.93 -0.17 0.00	23.00 -0.40 0.00	26.86 -0.68 0.00	28.88 -0.85 0.00	35.61 -1.06 0.00	28.53 -1.14 0.00	22.40 -0.90 0.00	22.10 -0.79 0.00	25.61 -0.71 0.00	26.98 -0.40 0.00	25.61 -0.38 0.00
BROWNSV1_27_KV_LOAD 356125	29.02 1.67 0.00	30.18 1.59 0.00	32.86 1.57 0.00	30.25 1.50 0.00	28.73 1.42 0.00	32.78 1.77 0.00	36.18 2.50 0.00	33.54 2.76 0.00	30.23 2.28 0.00	27.37 2.12 0.00	27.14 1.98 0.00	27.19 1.81 0.00	24.90 1.36 -0.55	23.50 1.40 0.00	24.96 1.56 0.00	29.80 2.26 0.00	32.55 2.82 0.00	40.19 3.52 0.00	32.64 2.97 0.00	25.54 2.23 0.00	24.97 2.08 0.00	28.41 2.10 0.00	29.22 1.83 0.00	27.53 1.53 0.00
BURROWS___LYONSDAL 23803	27.88 0.53 0.00	29.10 0.51 0.00	31.86 0.56 0.00	29.27 0.52 0.00	27.81 0.50 0.00	31.66 0.66 0.00	34.59 0.91 0.00	31.69 0.91 0.00	28.73 0.78 0.00	25.89 0.64 0.00	25.69 0.53 0.00	25.79 0.41 0.00	23.27 0.29 0.00	22.18 0.08 0.00	23.36 -0.04 0.00	27.51 -0.04 0.00	29.75 0.02 0.00	36.82 0.14 0.00	29.51 -0.17 0.00	23.17 -0.14 0.00	22.71 -0.17 0.00	26.12 -0.20 0.00	27.40 0.02 0.00	25.95 -0.04 0.00
CAITHNESS_CC_1 323624	30.04 2.68 -0.01	31.08 2.50 0.00	33.84 2.55 0.00	31.24 2.49 0.00	35.77 2.40 -6.06	71.24 2.94 -37.30	86.29 3.67 -48.95	77.82 3.85 -43.19	66.00 3.15 -34.90	36.81 2.84 -8.72	32.09 2.63 -4.30	27.78 2.38 -0.03	36.40 1.96 -11.45	32.30 1.95 -8.24	44.87 2.27 -19.19	67.10 3.11 -36.45	61.35 3.80 -27.81	107.91 4.72 -66.50	387.26 3.72 -353.86	115.66 2.87 -89.47	66.67 2.64 -41.15	42.55 2.77 -13.47	29.99 2.60 -0.01	28.26 2.27 0.00
CALPINE BETH_PAGE_GT4 24209	29.50 2.15 -0.01	30.53 1.94 0.00	33.26 1.97 0.00	30.70 1.95 0.00	34.66 1.90 -5.45	66.89 2.32 -33.56	81.39 2.86 -44.84	74.77 3.06 -40.93	65.82 2.52 -35.35	36.29 2.31 -8.73	31.60 2.14 -4.30	27.36 1.95 -0.03	36.54 1.59 -11.97	33.63 1.59 -9.94	45.14 1.85 -19.89	68.13 2.53 -38.05	63.32 3.06 -30.53	117.29 3.82 -76.80	427.73 3.22 -394.83	124.61 2.42 -98.88	74.52 2.22 -49.42	42.65 2.29 -14.04	29.55 2.16 -0.01	27.84 1.84 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.50 2.14 -0.01	30.53 1.94 0.00	33.26 1.97 0.00	30.70 1.95 0.00	34.63 1.87 -5.45	66.89 2.32 -33.56	81.40 2.88 -44.84	74.79 3.08 -40.93	65.83 2.53 -35.35	36.30 2.31 -8.73	31.61 2.15 -4.30	27.36 1.95 -0.03	36.55 1.59 -11.97	33.63 1.59 -9.94	45.15 1.85 -19.89	68.14 2.55 -38.05	63.32 3.06 -30.53	117.30 3.83 -76.80	427.73 3.22 -394.83	124.60 2.41 -98.88	74.52 2.22 -49.42	42.65 2.30 -14.04	29.56 2.17 -0.01	27.86 1.86 0.00
CALPINE_BP_GT1 23823	29.50 2.14 -0.01	30.53 1.94 0.00	33.26 1.97 0.00	30.70 1.95 0.00	34.63 1.87 -5.45	66.89 2.32 -33.56	81.40 2.88 -44.84	74.79 3.08 -40.93	65.83 2.53 -35.35	36.30 2.31 -8.73	31.61 2.15 -4.30	27.36 1.95 -0.03	36.55 1.59 -11.97	33.63 1.59 -9.94	45.15 1.85 -19.89	68.14 2.55 -38.05	63.32 3.06 -30.53	117.30 3.83 -76.80	427.73 3.22 -394.83	124.60 2.41 -98.88	74.52 2.22 -49.42	42.65 2.30 -14.04	29.56 2.17 -0.01	27.86 1.86 0.00
CALSPAN___DRP 24200	26.36 -0.99 0.00	27.13 -1.46 0.00	29.65 -1.65 0.00	27.08 -1.67 0.00	25.69 -1.62 0.00	29.30 -1.70 0.00	31.91 -1.78 0.00	28.73 -2.05 0.00	25.91 -2.05 0.00	23.30 -1.95 0.00	23.44 -1.71 0.00	23.63 -1.75 0.00	21.33 -1.65 0.00	20.60 -1.50 0.00	22.14 -1.26 0.00	26.07 -1.48 0.00	27.90 -1.83 0.00	34.14 -2.55 0.00	27.33 -2.35 0.00	21.37 -1.95 0.00	20.72 -2.09 0.08	23.48 -2.52 0.31	24.82 -2.56 0.00	23.73 -2.16 0.11

CALVERTON___SOLAR 323806	30.27 2.92 -0.01	31.33 2.74 0.00	34.10 2.81 0.00	31.48 2.73 0.00	35.98 2.62 -6.05	71.50 3.22 -37.28	86.60 3.99 -48.92	78.12 4.16 -43.18	66.26 3.41 -34.90	37.01 3.04 -8.72	32.25 2.80 -4.30	27.93 2.52 -0.03	36.53 2.09 -11.45	32.46 2.11 -8.25	45.03 2.44 -19.20	67.34 3.34 -36.45	61.67 4.11 -27.83	108.35 5.12 -66.55	387.65 4.01 -353.96	115.90 3.09 -89.50	66.88 2.83 -41.17	42.75 2.97 -13.47	30.18 2.79 -0.01	28.44 2.44 0.00
CANDIGU_WT_PWR 323617	26.94 -0.65 -0.23	27.65 -1.00 -0.06	30.30 -1.00 0.00	27.81 -0.93 0.00	26.40 -0.90 0.00	30.02 -1.03 -0.05	32.61 -1.11 -0.04	29.64 -1.13 0.00	26.83 -1.39 -0.27	24.19 -1.38 -0.33	23.93 -1.25 -0.02	24.14 -1.24 0.00	22.44 -1.36 -0.82	20.95 -1.22 -0.07	22.39 -1.07 -0.06	26.44 -1.10 0.00	28.28 -1.45 0.00	34.74 -1.94 0.00	27.80 -1.87 0.00	21.63 -1.68 0.00	21.02 -1.81 0.06	22.85 -2.12 1.34	25.09 -2.29 0.00	24.39 -2.04 -0.43
CARR STREET_E_SYR 24060	26.59 -0.76 0.00	27.65 -0.94 0.00	30.23 -1.06 0.00	27.77 -0.97 0.00	26.42 -0.89 0.00	30.07 -0.93 0.00	32.84 -0.84 0.00	30.09 -0.68 0.00	27.23 -0.72 0.00	24.61 -0.64 0.00	24.51 -0.65 0.00	24.67 -0.71 0.00	22.26 -0.73 0.00	21.40 -0.70 0.00	22.65 -0.75 0.00	26.81 -0.74 0.00	29.03 -0.70 0.00	35.84 -0.84 0.00	28.93 -0.74 0.00	22.68 -0.63 0.00	22.19 -0.70 0.00	25.51 -0.80 0.00	26.63 -0.76 0.00	25.41 -0.59 0.00
CARTHAGE___PAPER 23857	27.68 0.33 0.00	28.91 0.32 0.00	31.65 0.36 0.00	29.07 0.33 0.00	27.62 0.32 0.00	31.44 0.44 0.00	34.36 0.68 0.00	31.45 0.68 0.00	28.54 0.59 0.00	25.70 0.45 0.00	25.53 0.37 0.00	25.63 0.26 0.00	23.05 0.06 0.00	21.93 -0.17 0.00	22.97 -0.43 0.00	27.03 -0.52 0.00	29.22 -0.51 0.00	36.22 -0.46 0.00	28.79 -0.88 0.00	22.59 -0.72 0.00	22.15 -0.73 0.00	25.61 -0.71 0.00	27.01 -0.37 0.00	25.58 -0.41 0.00
CASSADAGA_WT_PWR 323784	25.77 -0.88 0.70	27.02 -1.38 0.19	29.85 -1.44 0.00	27.19 -1.56 0.00	25.61 -1.70 0.00	28.98 -1.88 0.14	31.67 -1.88 0.13	28.55 -2.22 0.00	24.78 -2.35 0.82	22.14 -2.14 0.97	23.19 -1.90 0.07	23.68 -1.70 0.00	18.83 -1.70 2.46	20.51 -1.38 0.21	22.09 -1.13 0.19	26.27 -1.27 0.00	28.01 -1.72 0.00	34.12 -2.56 0.00	27.02 -2.66 0.00	21.11 -2.20 0.00	20.14 -2.34 0.40	23.16 -2.86 0.29	24.36 -3.02 0.00	21.47 -2.48 2.05
CE_DUNWOOD___DRP 24194	28.76 1.41 0.00	29.89 1.30 0.00	32.58 1.29 0.00	29.99 1.25 0.00	28.50 1.19 0.00	32.48 1.49 0.00	35.77 2.09 0.00	33.14 2.36 0.00	29.87 1.92 0.00	27.01 1.76 0.00	26.75 1.59 0.00	26.81 1.43 0.00	24.61 1.03 -0.60	23.17 1.06 0.00	24.62 1.22 0.00	29.39 1.85 0.00	32.10 2.37 0.00	39.68 3.00 0.00	32.20 2.52 0.00	25.21 1.90 0.00	24.65 1.76 0.00	28.07 1.75 0.00	28.90 1.51 0.00	27.27 1.27 0.00
CE_MILLWOOD___DRP 24193	28.70 1.35 0.00	29.85 1.26 0.00	32.54 1.25 0.00	29.95 1.21 0.00	28.47 1.16 0.00	32.44 1.44 0.00	35.72 2.04 0.00	33.08 2.30 0.00	29.82 1.87 0.00	26.95 1.71 0.00	26.68 1.53 0.00	26.74 1.36 0.00	24.58 0.97 -0.62	23.11 1.01 0.00	24.56 1.17 0.00	29.32 1.78 0.00	32.03 2.30 0.00	39.60 2.92 0.00	32.13 2.45 0.00	25.16 1.85 0.00	24.60 1.71 0.00	28.01 1.70 0.00	28.85 1.47 0.00	27.23 1.23 0.00
CE_NYC2_DRP 24202	28.72 1.36 0.00	29.86 1.27 0.00	32.51 1.22 0.00	29.94 1.19 0.00	28.43 1.13 0.00	32.45 1.44 0.00	35.81 2.13 0.00	33.22 2.44 0.00	29.94 2.00 0.00	27.12 1.87 0.00	26.91 1.75 0.00	26.94 1.56 0.00	24.64 1.11 -0.55	23.26 1.16 0.00	24.71 1.31 0.00	29.48 1.94 0.00	32.21 2.48 0.00	39.76 3.08 0.00	32.34 2.67 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.11 1.80 0.00	28.92 1.54 0.00	27.26 1.26 0.00
CE_NYC_DRP 24195	28.75 1.40 0.00	29.91 1.32 0.00	32.58 1.29 0.00	29.99 1.24 0.00	28.49 1.18 0.00	32.48 1.48 0.00	35.84 2.17 0.00	33.22 2.45 0.00	29.94 1.99 0.00	27.11 1.86 0.00	26.89 1.73 0.00	26.94 1.56 0.00	24.67 1.13 -0.56	23.29 1.19 0.00	24.74 1.34 0.00	29.52 1.98 0.00	32.23 2.50 0.00	39.82 3.14 0.00	32.34 2.66 0.00	25.30 1.99 0.00	24.72 1.84 0.00	28.14 1.83 0.00	28.95 1.56 0.00	27.28 1.28 0.00
CHAFFEE___LFGE 323603	25.80 -0.93 0.63	27.02 -1.39 0.17	29.73 -1.56 0.00	27.17 -1.58 0.00	25.80 -1.51 0.00	29.23 -1.65 0.12	31.81 -1.75 0.12	28.83 -1.95 0.00	25.29 -1.93 0.73	22.55 -1.83 0.87	23.49 -1.60 0.06	23.72 -1.65 0.00	19.20 -1.58 2.21	20.48 -1.44 0.19	22.01 -1.22 0.17	26.15 -1.40 0.00	28.00 -1.73 0.00	34.30 -2.38 0.00	27.48 -2.20 0.00	21.48 -1.83 0.00	20.56 -1.96 0.36	23.63 -2.40 0.29	24.96 -2.43 0.00	22.08 -2.07 1.85
CHATEAUG_35_KV_LOAD 355732	28.71 1.36 0.00	30.10 1.51 0.00	33.01 1.71 0.00	30.30 1.55 0.00	28.71 1.40 0.00	32.28 1.27 0.00	34.73 1.05 0.00	31.62 0.84 0.00	28.78 0.82 0.00	25.97 0.72 0.00	26.07 0.91 0.00	26.55 1.17 0.00	24.09 1.10 0.00	23.08 0.98 0.00	24.24 0.84 0.00	28.38 0.83 0.00	30.50 0.77 0.00	37.31 0.63 0.00	30.01 0.33 0.00	23.64 0.33 0.00	23.28 0.40 0.00	26.84 0.52 0.00	27.97 0.59 0.00	26.69 0.69 0.00
CHATEAUG_WT_PWR 323614	28.66 1.31 0.00	30.05 1.46 0.00	32.94 1.65 0.00	30.26 1.51 0.00	28.66 1.36 0.00	32.21 1.21 0.00	34.66 0.98 0.00	31.55 0.77 0.00	28.71 0.76 0.00	25.91 0.66 0.00	26.01 0.85 0.00	26.47 1.10 0.00	24.00 1.02 0.00	23.01 0.90 0.00	24.15 0.75 0.00	28.29 0.75 0.00	30.44 0.71 0.00	37.25 0.57 0.00	29.93 0.25 0.00	23.57 0.26 0.00	23.20 0.32 0.00	26.72 0.41 0.00	27.85 0.46 0.00	26.59 0.59 0.00
CHAT_HIGH_FALL_HYD 323578	28.71 1.36 0.00	30.10 1.51 0.00	33.00 1.71 0.00	30.30 1.55 0.00	28.71 1.40 0.00	32.28 1.27 0.00	34.73 1.05 0.00	31.62 0.84 0.00	28.77 0.82 0.00	25.97 0.72 0.00	26.07 0.91 0.00	26.55 1.17 0.00	24.09 1.10 0.00	23.08 0.98 0.00	24.24 0.84 0.00	28.38 0.83 0.00	30.50 0.77 0.00	37.31 0.63 0.00	30.01 0.33 0.00	23.64 0.33 0.00	23.28 0.40 0.00	26.84 0.52 0.00	27.97 0.59 0.00	26.69 0.69 0.00
CHAUTAUQUA___LFGE 323629	25.70 -0.98 0.67	26.93 -1.47 0.18	29.72 -1.57 0.00	27.12 -1.63 0.00	25.68 -1.63 0.00	29.11 -1.77 0.13	31.70 -1.85 0.13	28.74 -2.04 0.00	25.02 -2.15 0.78	22.32 -2.00 0.93	23.31 -1.78 0.06	23.66 -1.71 0.00	18.91 -1.73 2.34	20.45 -1.45 0.20	22.02 -1.21 0.18	26.20 -1.35 0.00	28.01 -1.72 0.00	34.29 -2.38 0.00	27.32 -2.36 0.00	21.32 -1.99 0.00	20.37 -2.13 0.38	23.44 -2.58 0.30	24.67 -2.71 0.00	21.71 -2.32 1.96
CHERRYST_13_KV_LD 356241	28.83 1.48 0.00	29.98 1.39 0.00	32.67 1.38 0.00	30.06 1.31 0.00	28.56 1.25 0.00	32.57 1.57 0.00	35.96 2.28 0.00	33.32 2.54 0.00	30.03 2.08 0.00	27.20 1.95 0.00	26.98 1.82 0.00	27.03 1.66 0.00	24.76 1.22 -0.56	23.37 1.26 0.00	24.82 1.42 0.00	29.62 2.08 0.00	32.35 2.61 0.00	39.95 3.27 0.00	32.43 2.76 0.00	25.37 2.06 0.00	24.79 1.91 0.00	28.22 1.90 0.00	29.02 1.64 0.00	27.35 1.35 0.00

CHESTROR_138KV_BK263 355645	28.39 1.04 0.00	29.54 0.95 0.00	32.28 0.99 0.00	29.74 0.99 0.00	28.26 0.95 0.00	32.19 1.19 0.00	35.37 1.69 0.00	32.72 1.94 0.00	29.49 1.54 0.00	26.64 1.40 0.00	26.37 1.21 0.00	26.45 1.08 0.00	23.07 0.72 0.63	22.86 0.76 0.00	24.31 0.91 0.00	29.00 1.46 0.00	31.65 1.92 0.00	39.16 2.48 0.00	31.74 2.06 0.00	24.86 1.55 0.00	24.31 1.43 0.00	27.71 1.40 0.00	28.57 1.19 0.00	26.99 0.99 0.00
CH_MIDHUDSON___DRP 24192	28.85 1.50 0.00	29.99 1.40 0.00	32.73 1.44 0.00	30.12 1.37 0.00	28.62 1.32 0.00	32.64 1.63 0.00	35.89 2.21 0.00	33.21 2.43 0.00	29.95 2.00 0.00	27.04 1.79 0.00	26.69 1.54 0.00	26.77 1.39 0.00	24.01 1.02 0.00	23.17 1.07 0.00	24.63 1.23 0.00	29.40 1.85 0.00	32.10 2.37 0.00	39.69 3.01 0.00	32.21 2.54 0.00	25.26 1.94 0.00	24.69 1.81 0.00	28.12 1.80 0.00	28.95 1.57 0.00	27.34 1.34 0.00
CH_MISC_IPPS 23765	28.90 1.55 0.00	30.05 1.47 0.00	32.81 1.51 0.00	30.20 1.45 0.00	28.69 1.39 0.00	32.73 1.72 0.00	36.03 2.34 0.00	33.33 2.55 0.00	30.04 2.09 0.00	27.11 1.86 0.00	26.79 1.63 0.00	26.85 1.48 0.00	24.09 1.11 0.00	23.24 1.14 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.87 3.19 0.00	32.34 2.67 0.00	25.34 2.03 0.00	24.78 1.89 0.00	28.21 1.90 0.00	29.06 1.68 0.00	27.42 1.43 0.00
CH_RES_BVR_FALLS 23983	27.48 0.13 0.00	28.79 0.20 0.00	31.54 0.25 0.00	28.95 0.20 0.00	27.48 0.17 0.00	31.11 0.10 0.00	33.64 -0.04 0.00	30.62 -0.15 0.00	27.89 -0.06 0.00	25.19 -0.06 0.00	25.20 0.04 0.00	25.50 0.13 0.00	23.16 0.18 0.00	22.22 0.11 0.00	23.44 0.04 0.00	27.36 -0.18 0.00	29.30 -0.43 0.00	35.81 -0.87 0.00	28.90 -0.77 0.00	22.70 -0.62 0.00	22.37 -0.52 0.00	25.80 -0.51 0.00	26.87 -0.51 0.00	25.52 -0.48 0.00
CH_RES_NIAGARA 23895	24.78 -2.06 0.51	25.89 -2.56 0.14	28.37 -2.92 0.00	25.92 -2.84 0.00	24.66 -2.64 0.00	27.96 -2.94 0.10	30.24 -3.34 0.10	27.05 -3.72 0.00	23.97 -3.38 0.60	21.40 -3.14 0.71	22.16 -2.95 0.05	22.40 -2.97 0.00	18.52 -2.68 1.79	19.47 -2.48 0.15	20.90 -2.37 0.13	24.69 -2.85 0.00	26.35 -3.38 0.00	32.16 -4.52 0.00	25.84 -3.84 0.00	20.29 -3.02 0.00	19.48 -3.11 0.30	22.37 -3.72 0.23	23.79 -3.59 0.00	21.43 -3.07 1.50
CH_RES_SYRACUSE 23985	26.93 -0.42 0.00	28.01 -0.58 0.00	30.63 -0.66 0.00	28.13 -0.62 0.00	26.74 -0.56 0.00	30.48 -0.52 0.00	33.30 -0.38 0.00	30.49 -0.29 0.00	27.58 -0.37 0.00	24.94 -0.31 0.00	24.84 -0.32 0.00	24.98 -0.40 0.00	22.53 -0.45 0.00	21.66 -0.44 0.00	22.93 -0.47 0.00	27.15 -0.40 0.00	29.39 -0.34 0.00	36.29 -0.39 0.00	29.32 -0.36 0.00	22.96 -0.34 0.00	22.46 -0.42 0.00	25.76 -0.56 0.00	26.80 -0.58 0.00	25.58 -0.42 0.00
CLINTON_WT_PWR 323605	28.66 1.31 0.00	30.05 1.46 0.00	32.94 1.65 0.00	30.26 1.51 0.00	28.66 1.36 0.00	32.21 1.21 0.00	34.66 0.98 0.00	31.55 0.77 0.00	28.71 0.76 0.00	25.91 0.66 0.00	26.01 0.85 0.00	26.47 1.10 0.00	24.00 1.02 0.00	23.01 0.90 0.00	24.15 0.75 0.00	28.29 0.75 0.00	30.44 0.71 0.00	37.25 0.57 0.00	29.93 0.25 0.00	23.57 0.26 0.00	23.20 0.32 0.00	26.72 0.41 0.00	27.85 0.46 0.00	26.59 0.59 0.00
CLINTON___LFGE 323618	29.11 1.76 0.00	30.51 1.92 0.00	33.43 2.14 0.00	30.72 1.97 0.00	29.09 1.79 0.00	32.65 1.65 0.00	35.16 1.48 0.00	32.05 1.28 0.00	29.14 1.19 0.00	26.33 1.08 0.00	26.43 1.28 0.00	26.90 1.53 0.00	24.37 1.38 0.00	23.34 1.24 0.00	24.50 1.10 0.00	28.76 1.21 0.00	31.00 1.27 0.00	37.96 1.28 0.00	30.49 0.81 0.00	24.01 0.70 0.00	23.60 0.72 0.00	27.10 0.79 0.00	28.23 0.85 0.00	27.00 1.00 0.00
COBBLENY_34_KV_TB1 80064	26.43 -0.93 0.00	27.20 -1.39 0.00	29.73 -1.56 0.00	27.16 -1.59 0.00	25.75 -1.55 0.00	29.39 -1.62 0.00	32.03 -1.65 0.00	28.89 -1.89 0.00	26.04 -1.91 0.00	23.42 -1.82 0.00	23.56 -1.60 0.00	23.72 -1.65 0.00	21.41 -1.58 0.00	20.67 -1.43 0.00	22.19 -1.21 0.00	26.16 -1.39 0.00	28.01 -1.73 0.00	34.31 -2.37 0.00	27.48 -2.19 0.00	21.48 -1.83 0.00	20.84 -1.97 0.08	23.63 -2.39 0.29	24.95 -2.43 0.00	23.82 -2.07 0.11
COFFEEN___115KV_TB3 355620	27.47 0.12 0.00	28.61 0.02 0.00	31.33 0.03 0.00	28.78 0.03 0.00	27.37 0.06 0.00	31.24 0.23 0.00	34.24 0.56 0.00	31.39 0.61 0.00	28.45 0.50 0.00	25.62 0.37 0.00	25.39 0.23 0.00	25.45 0.07 0.00	22.81 -0.17 0.00	21.67 -0.43 0.00	22.71 -0.69 0.00	26.89 -0.65 0.00	29.16 -0.57 0.00	36.23 -0.45 0.00	28.75 -0.92 0.00	22.54 -0.77 0.00	22.05 -0.83 0.00	25.47 -0.84 0.00	26.84 -0.54 0.00	25.41 -0.59 0.00
COLDSPRG_115KV_BK1 355956	27.24 -0.11 0.00	28.05 -0.54 0.00	30.71 -0.58 0.00	28.05 -0.70 0.00	26.46 -0.85 0.00	30.07 -0.93 0.00	32.91 -0.77 0.00	29.84 -0.94 0.00	26.77 -1.18 0.00	24.13 -1.12 0.00	24.29 -0.86 0.00	24.60 -0.77 0.00	22.13 -0.86 0.00	21.38 -0.72 0.00	22.97 -0.43 0.00	27.14 -0.40 0.00	29.06 -0.67 0.00	35.52 -1.16 0.00	28.32 -1.36 0.00	22.09 -1.22 0.00	21.43 -1.37 0.08	24.41 -1.63 0.27	25.64 -1.74 0.00	24.50 -1.39 0.11
COLONIE_LFGE___ 323577	28.52 1.17 0.00	29.73 1.14 0.00	32.46 1.17 0.00	29.86 1.11 0.00	28.39 1.08 0.00	32.32 1.31 0.00	35.37 1.69 0.00	32.55 1.77 0.00	29.45 1.50 0.00	26.51 1.27 0.00	26.27 1.11 0.00	26.39 1.02 0.00	23.86 0.79 -0.09	22.88 0.78 0.00	24.31 0.91 0.00	28.89 1.35 0.00	31.22 1.49 0.00	38.49 1.81 0.00	31.23 1.55 0.00	24.61 1.29 0.00	24.13 1.24 0.00	27.51 1.20 0.00	28.44 1.06 0.00	26.94 0.94 0.00
COOPERNY_115KV_TB1 80082	28.08 0.73 0.00	29.24 0.65 0.00	31.97 0.67 0.00	29.43 0.68 0.00	27.96 0.66 0.00	31.84 0.83 0.00	34.91 1.23 0.00	32.21 1.43 0.00	29.06 1.11 0.00	26.26 1.02 0.00	26.02 0.87 0.00	26.13 0.75 0.00	23.16 0.47 0.30	22.61 0.51 0.00	24.02 0.62 0.00	28.58 1.03 0.00	31.14 1.41 0.00	38.49 1.81 0.00	31.20 1.52 0.00	24.44 1.13 0.00	23.92 1.03 0.00	27.31 0.99 0.00	28.20 0.82 0.00	26.68 0.68 0.00
COPENHAGEN_WT_PWR 323753	27.27 -0.08 0.00	28.41 -0.17 0.00	31.11 -0.18 0.00	28.58 -0.16 0.00	27.18 -0.13 0.00	30.98 -0.02 0.00	33.91 0.23 0.00	31.07 0.29 0.00	28.16 0.21 0.00	25.37 0.12 0.00	25.16 0.00 0.00	25.24 -0.14 0.00	22.63 -0.35 0.00	21.48 -0.62 0.00	22.48 -0.92 0.00	26.52 -1.02 0.00	28.64 -1.09 0.00	35.59 -1.09 0.00	28.18 -1.49 0.00	22.10 -1.21 0.00	21.61 -1.28 0.00	25.02 -1.29 0.00	26.44 -0.94 0.00	25.08 -0.92 0.00
CORNELL_____ 23752	27.78 0.42 0.00	28.84 0.25 0.00	31.55 0.25 0.00	28.96 0.21 0.00	27.54 0.23 0.00	31.44 0.43 0.00	34.42 0.74 0.00	31.57 0.79 0.00	28.47 0.52 0.00	25.69 0.44 0.00	25.53 0.37 0.00	25.59 0.21 0.00	23.05 0.07 0.00	22.06 -0.05 0.00	23.45 0.05 0.00	27.85 0.30 0.00	30.27 0.53 0.00	37.40 0.72 0.00	30.17 0.49 0.00	23.60 0.29 0.00	23.40 0.17 -0.34	26.52 0.09 -0.12	27.36 -0.02 0.00	26.50 0.03 -0.47

CORONA_69_KV_TB1 355595	29.40 2.04 -0.01	30.48 1.89 0.00	33.22 1.92 0.00	30.68 1.93 0.00	34.71 1.85 -5.55	67.43 2.26 -34.16	83.26 2.90 -46.68	78.21 3.12 -44.32	71.56 2.59 -41.02	37.64 2.37 -10.02	32.31 2.21 -4.94	27.42 2.01 -0.04	38.80 1.58 -14.24	37.04 1.60 -13.34	48.81 1.81 -23.60	75.57 2.54 -45.48	71.07 3.10 -38.24	138.83 3.90 -98.25	518.28 3.24 -485.37	152.40 2.43 -126.65	93.85 2.28 -68.68	45.59 2.38 -16.90	29.57 2.18 -0.01	27.86 1.87 0.00
CORTLAND_115KV_TB3 80093	27.48 0.13 0.00	28.57 -0.02 0.00	31.25 -0.04 0.00	28.69 -0.05 0.00	27.29 -0.01 0.00	31.11 0.11 0.00	34.04 0.36 0.00	31.23 0.45 0.00	28.18 0.23 0.00	25.44 0.19 0.00	25.30 0.14 0.00	25.40 0.03 0.00	22.88 -0.10 0.00	21.96 -0.14 0.00	23.30 -0.10 0.00	27.62 0.07 0.00	29.99 0.26 0.00	37.06 0.38 0.00	29.90 0.23 0.00	23.42 0.11 0.00	22.98 0.01 -0.09	26.27 -0.08 -0.04	27.22 -0.16 0.00	26.03 -0.10 -0.13
COXSACKIE___GT 23611	29.69 2.34 0.00	30.90 2.31 0.00	33.77 2.47 0.00	31.02 2.27 0.00	29.50 2.19 0.00	33.67 2.67 0.00	36.90 3.22 0.00	33.97 3.19 0.00	30.75 2.80 0.00	27.61 2.36 0.00	26.98 1.82 0.00	26.81 1.44 0.00	24.10 1.12 0.00	23.60 1.50 0.00	25.05 1.65 0.00	29.82 2.27 0.00	32.63 2.90 0.00	40.65 3.97 0.00	32.90 3.22 0.00	25.88 2.57 0.00	25.33 2.44 0.00	28.81 2.50 0.00	29.72 2.34 0.00	28.11 2.12 0.00
CPV_VALLEY___CC1 323721	28.17 0.82 0.00	29.31 0.73 0.00	32.05 0.76 0.00	29.52 0.77 0.00	28.05 0.74 0.00	31.94 0.94 0.00	35.08 1.40 0.00	32.43 1.66 0.00	29.24 1.29 0.00	26.43 1.18 0.00	26.16 1.00 0.00	26.23 0.86 0.00	23.12 0.55 0.42	22.70 0.60 0.00	24.12 0.72 0.00	28.75 1.20 0.00	31.35 1.62 0.00	38.78 2.10 0.00	31.44 1.76 0.00	24.63 1.32 0.00	24.10 1.22 0.00	27.47 1.16 0.00	28.34 0.95 0.00	26.78 0.78 0.00
CPV_VALLEY___CC2 323722	28.17 0.82 0.00	29.31 0.73 0.00	32.05 0.76 0.00	29.52 0.77 0.00	28.05 0.74 0.00	31.94 0.94 0.00	35.08 1.40 0.00	32.43 1.66 0.00	29.24 1.29 0.00	26.43 1.18 0.00	26.16 1.00 0.00	26.23 0.86 0.00	23.12 0.55 0.42	22.70 0.60 0.00	24.12 0.72 0.00	28.75 1.20 0.00	31.35 1.62 0.00	38.78 2.10 0.00	31.44 1.76 0.00	24.63 1.32 0.00	24.10 1.22 0.00	27.47 1.16 0.00	28.34 0.95 0.00	26.78 0.78 0.00
CRESCENT___HYD 24018	28.52 1.17 0.00	29.73 1.14 0.00	32.46 1.17 0.00	29.86 1.11 0.00	28.39 1.08 0.00	32.32 1.31 0.00	35.37 1.69 0.00	32.55 1.77 0.00	29.45 1.50 0.00	26.51 1.27 0.00	26.27 1.11 0.00	26.39 1.02 0.00	23.86 0.79 -0.09	22.88 0.78 0.00	24.31 0.91 0.00	28.89 1.35 0.00	31.22 1.49 0.00	38.49 1.81 0.00	31.23 1.55 0.00	24.61 1.29 0.00	24.13 1.24 0.00	27.51 1.20 0.00	28.44 1.06 0.00	26.94 0.94 0.00
CRICKET___VALLEY_CC1 323756	28.72 1.36 0.00	29.88 1.29 0.00	32.61 1.31 0.00	30.00 1.25 0.00	28.50 1.19 0.00	32.49 1.49 0.00	35.71 2.02 0.00	33.02 2.24 0.00	29.78 1.83 0.00	26.88 1.64 0.00	26.47 1.32 0.00	26.54 1.16 0.00	24.03 0.83 -0.22	22.96 0.86 0.00	24.41 1.01 0.00	29.17 1.63 0.00	31.83 2.10 0.00	39.26 2.58 0.00	31.88 2.20 0.00	25.02 1.71 0.00	24.48 1.60 0.00	27.86 1.55 0.00	28.68 1.30 0.00	27.12 1.12 0.00
CRICKET___VALLEY_CC2 323757	28.72 1.36 0.00	29.88 1.29 0.00	32.61 1.31 0.00	30.00 1.25 0.00	28.50 1.19 0.00	32.49 1.49 0.00	35.71 2.02 0.00	33.02 2.24 0.00	29.78 1.83 0.00	26.88 1.64 0.00	26.47 1.32 0.00	26.54 1.16 0.00	24.03 0.83 -0.22	22.96 0.86 0.00	24.41 1.01 0.00	29.17 1.63 0.00	31.83 2.10 0.00	39.26 2.58 0.00	31.88 2.20 0.00	25.02 1.71 0.00	24.48 1.60 0.00	27.86 1.55 0.00	28.68 1.30 0.00	27.12 1.12 0.00
CRICKET___VALLEY_CC3 323758	28.72 1.36 0.00	29.88 1.29 0.00	32.61 1.31 0.00	30.00 1.25 0.00	28.50 1.19 0.00	32.49 1.49 0.00	35.71 2.02 0.00	33.02 2.24 0.00	29.78 1.83 0.00	26.88 1.64 0.00	26.47 1.32 0.00	26.54 1.16 0.00	24.03 0.83 -0.22	22.96 0.86 0.00	24.41 1.01 0.00	29.17 1.63 0.00	31.83 2.10 0.00	39.26 2.58 0.00	31.88 2.20 0.00	25.02 1.71 0.00	24.48 1.60 0.00	27.86 1.55 0.00	28.68 1.30 0.00	27.12 1.12 0.00
CRUCIBLE_METL_DRP 24180	26.93 -0.42 0.00	28.01 -0.58 0.00	30.63 -0.66 0.00	28.13 -0.62 0.00	26.74 -0.56 0.00	30.48 -0.52 0.00	33.31 -0.37 0.00	30.50 -0.28 0.00	27.58 -0.37 0.00	24.94 -0.31 0.00	24.83 -0.32 0.00	24.98 -0.40 0.00	22.54 -0.45 0.00	21.66 -0.44 0.00	22.94 -0.46 0.00	27.15 -0.39 0.00	29.39 -0.34 0.00	36.29 -0.39 0.00	29.32 -0.36 0.00	22.97 -0.34 0.00	22.46 -0.42 0.00	25.76 -0.56 0.00	26.80 -0.58 0.00	25.57 -0.42 0.00
DAHOWA___HYDRO 323763	28.61 1.26 0.00	29.82 1.23 0.00	32.68 1.39 0.00	30.07 1.32 0.00	28.49 1.19 0.00	32.50 1.50 0.00	35.55 1.87 0.00	32.71 1.93 0.00	29.65 1.70 0.00	26.68 1.43 0.00	26.39 1.24 0.00	26.55 1.17 0.00	23.91 0.93 0.00	23.00 0.90 0.00	24.37 0.97 0.00	29.05 1.50 0.00	31.44 1.71 0.00	38.84 2.16 0.00	31.46 1.79 0.00	24.75 1.44 0.00	24.24 1.35 0.00	27.63 1.32 0.00	28.55 1.17 0.00	27.02 1.03 0.00
DANC___LFGE 323619	26.90 -0.46 0.00	28.01 -0.58 0.00	30.65 -0.64 0.00	28.15 -0.60 0.00	26.78 -0.53 0.00	30.52 -0.49 0.00	33.38 -0.30 0.00	30.58 -0.19 0.00	27.71 -0.23 0.00	24.99 -0.26 0.00	24.81 -0.34 0.00	24.92 -0.46 0.00	22.40 -0.59 0.00	21.36 -0.75 0.00	22.43 -0.97 0.00	26.52 -1.02 0.00	28.69 -1.04 0.00	35.57 -1.11 0.00	28.38 -1.29 0.00	22.25 -1.06 0.00	21.76 -1.12 0.00	25.10 -1.22 0.00	26.38 -1.01 0.00	25.07 -0.93 0.00
DANSKAMMER___1 23586	28.90 1.55 0.00	30.05 1.47 0.00	32.81 1.51 0.00	30.20 1.45 0.00	28.69 1.39 0.00	32.73 1.72 0.00	36.03 2.34 0.00	33.33 2.55 0.00	30.04 2.09 0.00	27.11 1.86 0.00	26.79 1.63 0.00	26.85 1.48 0.00	24.09 1.11 0.00	23.24 1.14 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.87 3.19 0.00	32.34 2.67 0.00	25.34 2.03 0.00	24.78 1.89 0.00	28.21 1.90 0.00	29.06 1.68 0.00	27.42 1.43 0.00
DANSKAMMER___2 23589	28.90 1.55 0.00	30.05 1.47 0.00	32.81 1.51 0.00	30.20 1.45 0.00	28.69 1.39 0.00	32.73 1.72 0.00	36.03 2.34 0.00	33.33 2.55 0.00	30.04 2.09 0.00	27.11 1.86 0.00	26.79 1.63 0.00	26.85 1.48 0.00	24.09 1.11 0.00	23.24 1.14 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.87 3.19 0.00	32.34 2.67 0.00	25.34 2.03 0.00	24.78 1.89 0.00	28.21 1.90 0.00	29.06 1.68 0.00	27.42 1.43 0.00
DANSKAMMER___3 23590	28.90 1.55 0.00	30.05 1.47 0.00	32.81 1.51 0.00	30.20 1.45 0.00	28.69 1.39 0.00	32.73 1.72 0.00	36.03 2.34 0.00	33.33 2.55 0.00	30.04 2.09 0.00	27.11 1.86 0.00	26.79 1.63 0.00	26.85 1.48 0.00	24.09 1.11 0.00	23.24 1.14 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.87 3.19 0.00	32.34 2.67 0.00	25.34 2.03 0.00	24.78 1.89 0.00	28.21 1.90 0.00	29.06 1.68 0.00	27.42 1.43 0.00

DANSKAMMER___4 23591	28.90 1.55 0.00	30.05 1.47 0.00	32.81 1.51 0.00	30.20 1.45 0.00	28.69 1.39 0.00	32.73 1.72 0.00	36.03 2.34 0.00	33.33 2.55 0.00	30.04 2.09 0.00	27.11 1.86 0.00	26.79 1.63 0.00	26.85 1.48 0.00	24.09 1.11 0.00	23.24 1.14 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.87 3.19 0.00	32.34 2.67 0.00	25.34 2.03 0.00	24.78 1.89 0.00	28.21 1.90 0.00	29.06 1.68 0.00	27.42 1.43 0.00
DANSKAMMER___DIESEL 23592	28.90 1.55 0.00	30.05 1.47 0.00	32.81 1.51 0.00	30.20 1.45 0.00	28.70 1.40 0.00	32.72 1.72 0.00	36.00 2.32 0.00	33.32 2.54 0.00	30.03 2.09 0.00	27.11 1.86 0.00	26.79 1.63 0.00	26.85 1.48 0.00	24.09 1.10 0.00	23.24 1.14 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.86 3.19 0.00	32.34 2.67 0.00	25.33 2.02 0.00	24.78 1.89 0.00	28.21 1.89 0.00	29.06 1.68 0.00	27.43 1.43 0.00
DARBY___SOLAR 323810	28.57 1.22 0.00	29.79 1.20 0.00	32.62 1.33 0.00	30.01 1.26 0.00	28.46 1.15 0.00	32.45 1.44 0.00	35.49 1.81 0.00	32.64 1.87 0.00	29.58 1.63 0.00	26.63 1.38 0.00	26.35 1.20 0.00	26.49 1.12 0.00	23.95 0.88 -0.09	22.95 0.84 0.00	24.34 0.94 0.00	28.99 1.45 0.00	31.38 1.65 0.00	38.75 2.07 0.00	31.39 1.72 0.00	24.70 1.39 0.00	24.20 1.31 0.00	27.59 1.28 0.00	28.52 1.14 0.00	27.00 1.00 0.00
DASHVILLE___HYD 23610	28.68 1.33 0.00	29.83 1.24 0.00	32.56 1.26 0.00	29.96 1.22 0.00	28.47 1.17 0.00	32.45 1.45 0.00	35.63 1.95 0.00	32.96 2.18 0.00	29.73 1.78 0.00	26.82 1.57 0.00	26.48 1.32 0.00	26.55 1.18 0.00	23.86 0.88 0.00	23.00 0.90 0.00	24.46 1.06 0.00	29.19 1.64 0.00	31.87 2.14 0.00	39.46 2.78 0.00	32.03 2.36 0.00	25.11 1.79 0.00	24.55 1.67 0.00	27.99 1.67 0.00	28.85 1.47 0.00	27.25 1.25 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.76 3.40 -0.01	31.81 3.23 0.00	34.63 3.34 0.00	31.97 3.22 0.00	36.48 3.11 -6.05	72.01 3.74 -37.27	87.15 4.55 -48.91	78.66 4.71 -43.17	66.76 3.91 -34.91	37.44 3.47 -8.72	32.66 3.21 -4.30	28.33 2.93 -0.03	36.83 2.39 -11.45	32.81 2.45 -8.26	45.32 2.72 -19.20	67.81 3.81 -36.46	62.24 4.67 -27.84	109.09 5.84 -66.57	388.27 4.58 -354.01	116.37 3.55 -89.51	67.33 3.27 -41.18	43.23 3.44 -13.47	30.64 3.25 -0.01	28.82 2.82 0.00
DELAWARE___LFGE 323621	28.11 0.75 0.00	29.23 0.64 0.00	31.97 0.67 0.00	29.38 0.63 0.00	27.92 0.61 0.00	31.82 0.82 0.00	34.78 1.10 0.00	32.01 1.24 0.00	28.90 0.95 0.00	26.08 0.84 0.00	25.87 0.72 0.00	26.01 0.63 0.00	23.38 0.40 0.00	22.50 0.39 0.00	23.86 0.46 0.00	28.33 0.78 0.00	30.78 1.05 0.00	38.04 1.36 0.00	30.77 1.10 0.00	24.12 0.82 0.00	23.60 0.70 -0.02	26.98 0.67 0.00	27.94 0.56 0.00	26.51 0.49 -0.02
DERFIELD_115KV_TB7 355931	27.50 0.15 0.00	28.72 0.13 0.00	31.42 0.13 0.00	28.88 0.13 0.00	27.44 0.14 0.00	31.19 0.19 0.00	33.97 0.29 0.00	31.12 0.35 0.00	28.23 0.28 0.00	25.49 0.24 0.00	25.33 0.18 0.00	25.50 0.13 0.00	23.07 0.08 0.00	22.15 0.05 0.00	23.45 0.05 0.00	27.67 0.13 0.00	29.93 0.20 0.00	36.96 0.28 0.00	29.91 0.24 0.00	23.50 0.18 0.00	23.06 0.17 0.00	26.45 0.13 0.00	27.50 0.11 0.00	26.09 0.09 0.00
DOGLEVILLE___HYD 23807	27.78 0.43 0.00	28.90 0.31 0.00	31.57 0.27 0.00	29.08 0.33 0.00	27.64 0.34 0.00	31.60 0.60 0.00	34.77 1.09 0.00	32.22 1.44 0.00	29.05 1.10 0.00	26.12 0.87 0.00	25.73 0.58 0.00	25.63 0.26 0.00	22.94 -0.04 0.00	22.12 0.02 0.00	23.37 -0.03 0.00	27.98 0.44 0.00	30.47 0.74 0.00	37.87 1.19 0.00	30.69 1.02 0.00	24.19 0.88 0.00	23.73 0.85 0.00	27.06 0.75 0.00	27.90 0.52 0.00	26.30 0.30 0.00
DUNKIRK___115KV_TB_200 55889	26.34 -1.01 0.00	27.10 -1.49 0.00	29.70 -1.60 0.00	27.10 -1.65 0.00	25.64 -1.67 0.00	29.27 -1.73 0.00	31.91 -1.77 0.00	28.80 -1.98 0.00	25.83 -2.12 0.00	23.27 -1.98 0.00	23.39 -1.76 0.00	23.65 -1.73 0.00	21.25 -1.73 0.00	20.63 -1.47 0.00	22.18 -1.22 0.00	26.17 -1.37 0.00	27.99 -1.74 0.00	34.31 -2.37 0.00	27.34 -2.33 0.00	21.34 -1.97 0.00	20.69 -2.11 0.08	23.47 -2.54 0.30	24.70 -2.68 0.00	23.59 -2.30 0.11
DUNKIRK___1 23563	26.34 -1.01 0.00	27.10 -1.49 0.00	29.70 -1.60 0.00	27.10 -1.65 0.00	25.64 -1.67 0.00	29.27 -1.73 0.00	31.91 -1.77 0.00	28.80 -1.98 0.00	25.83 -2.12 0.00	23.27 -1.98 0.00	23.39 -1.76 0.00	23.65 -1.73 0.00	21.25 -1.73 0.00	20.63 -1.47 0.00	22.18 -1.22 0.00	26.17 -1.37 0.00	27.99 -1.74 0.00	34.31 -2.37 0.00	27.34 -2.33 0.00	21.34 -1.97 0.00	20.69 -2.11 0.08	23.47 -2.54 0.30	24.70 -2.68 0.00	23.59 -2.30 0.11
DUNKIRK___2 23564	26.34 -1.01 0.00	27.10 -1.49 0.00	29.70 -1.60 0.00	27.10 -1.65 0.00	25.64 -1.67 0.00	29.27 -1.73 0.00	31.91 -1.77 0.00	28.80 -1.98 0.00	25.83 -2.12 0.00	23.27 -1.98 0.00	23.39 -1.76 0.00	23.65 -1.73 0.00	21.25 -1.73 0.00	20.63 -1.47 0.00	22.18 -1.22 0.00	26.17 -1.37 0.00	27.99 -1.74 0.00	34.31 -2.37 0.00	27.34 -2.33 0.00	21.34 -1.97 0.00	20.69 -2.11 0.08	23.47 -2.54 0.30	24.70 -2.68 0.00	23.59 -2.30 0.11
DUNKIRK___3 23565	26.34 -1.01 0.00	27.11 -1.48 0.00	29.70 -1.59 0.00	27.12 -1.63 0.00	25.67 -1.64 0.00	29.27 -1.73 0.00	31.91 -1.77 0.00	28.84 -1.93 0.00	25.86 -2.09 0.00	23.30 -1.95 0.00	23.44 -1.72 0.00	23.68 -1.69 0.00	21.28 -1.70 0.00	20.63 -1.48 0.00	22.17 -1.23 0.00	26.18 -1.36 0.00	28.03 -1.70 0.00	34.37 -2.31 0.00	27.41 -2.27 0.00	21.38 -1.93 0.00	20.75 -2.05 0.08	23.56 -2.46 0.30	24.79 -2.59 0.00	23.66 -2.22 0.11
DUNKIRK___4 23566	26.38 -0.98 0.00	27.14 -1.45 0.00	29.71 -1.58 0.00	27.12 -1.63 0.00	25.67 -1.64 0.00	29.29 -1.71 0.00	31.93 -1.76 0.00	28.79 -1.99 0.00	25.88 -2.08 0.00	23.29 -1.96 0.00	23.42 -1.73 0.00	23.67 -1.71 0.00	21.29 -1.69 0.00	20.64 -1.46 0.00	22.19 -1.21 0.00	26.16 -1.38 0.00	27.99 -1.74 0.00	34.28 -2.40 0.00	27.36 -2.32 0.00	21.36 -1.95 0.00	20.71 -2.09 0.08	23.47 -2.52 0.32	24.76 -2.62 0.00	23.65 -2.24 0.11
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.80 1.45 0.00	29.94 1.35 0.00	32.63 1.34 0.00	30.03 1.28 0.00	28.54 1.23 0.00	32.53 1.53 0.00	35.84 2.16 0.00	33.20 2.42 0.00	29.94 1.99 0.00	27.07 1.82 0.00	26.82 1.66 0.00	26.87 1.49 0.00	24.63 1.09 -0.55	23.23 1.13 0.00	24.69 1.29 0.00	29.47 1.92 0.00	32.17 2.44 0.00	39.76 3.08 0.00	32.27 2.60 0.00	25.27 1.96 0.00	24.70 1.82 0.00	28.13 1.81 0.00	28.95 1.57 0.00	27.31 1.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.60 1.25 0.00	29.75 1.16 0.00	32.49 1.20 0.00	29.92 1.17 0.00	28.44 1.13 0.00	32.41 1.40 0.00	35.63 1.95 0.00	32.97 2.19 0.00	29.71 1.76 0.00	26.84 1.59 0.00	26.54 1.38 0.00	26.60 1.23 0.00	23.63 0.87 0.22	23.01 0.90 0.00	24.47 1.06 0.00	29.20 1.66 0.00	31.90 2.17 0.00	39.47 2.79 0.00	32.01 2.33 0.00	25.07 1.76 0.00	24.51 1.63 0.00	27.94 1.62 0.00	28.78 1.40 0.00	27.18 1.18 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	28.65 1.30 0.00	29.81 1.22 0.00	32.45 1.16 0.00	29.90 1.15 0.00	28.39 1.08 0.00	32.41 1.41 0.00	35.77 2.09 0.00	33.21 2.44 0.00	29.94 1.99 0.00	27.11 1.86 0.00	26.85 1.69 0.00	26.85 1.48 0.00	24.62 1.08 -0.55	23.23 1.12 0.00	24.67 1.27 0.00	29.42 1.88 0.00	32.12 2.39 0.00	39.71 3.03 0.00	32.35 2.67 0.00	25.25 1.94 0.00	24.70 1.82 0.00	28.08 1.76 0.00	28.89 1.51 0.00	27.24 1.24 0.00
E179THST_13_KV_LOAD 356214	28.76 1.41 0.00	29.93 1.34 0.00	32.58 1.28 0.00	30.01 1.26 0.00	28.49 1.18 0.00	32.53 1.53 0.00	35.92 2.24 0.00	33.35 2.58 0.00	30.07 2.13 0.00	27.22 1.97 0.00	26.97 1.81 0.00	26.97 1.59 0.00	24.72 1.18 -0.55	23.33 1.23 0.00	24.78 1.38 0.00	29.55 2.01 0.00	32.27 2.54 0.00	39.89 3.22 0.00	32.50 2.82 0.00	25.36 2.05 0.00	24.81 1.92 0.00	28.20 1.88 0.00	29.02 1.64 0.00	27.35 1.36 0.00
EAST HAMPTON___GT 23717	31.06 3.70 -0.01	32.13 3.54 0.00	34.99 3.69 0.00	32.28 3.54 0.00	36.77 3.41 -6.05	72.41 4.14 -37.27	87.66 5.06 -48.91	79.14 5.19 -43.17	67.15 4.29 -34.91	37.73 3.76 -8.72	32.93 3.48 -4.30	28.58 3.18 -0.03	37.10 2.66 -11.45	33.03 2.67 -8.26	45.67 3.07 -19.20	68.16 4.16 -36.46	62.63 5.06 -27.84	109.60 6.35 -66.57	388.63 4.93 -354.02	116.68 3.86 -89.51	67.62 3.56 -41.18	43.55 3.77 -13.47	30.96 3.57 -0.01	29.12 3.12 0.00
EAST RIVER___6 23660	28.75 1.40 0.00	29.89 1.31 0.00	32.58 1.28 0.00	29.97 1.22 0.00	28.47 1.16 0.00	32.49 1.49 0.00	35.88 2.20 0.00	33.22 2.45 0.00	29.93 1.98 0.00	27.09 1.84 0.00	26.89 1.74 0.00	26.97 1.59 0.00	24.71 1.17 -0.56	23.32 1.21 0.00	24.78 1.38 0.00	29.56 2.02 0.00	32.29 2.55 0.00	39.87 3.19 0.00	32.37 2.70 0.00	25.33 2.02 0.00	24.74 1.86 0.00	28.16 1.84 0.00	28.95 1.57 0.00	27.27 1.27 0.00
EAST RIVER___7 23524	28.75 1.40 0.00	29.89 1.31 0.00	32.58 1.28 0.00	29.97 1.22 0.00	28.47 1.16 0.00	32.49 1.49 0.00	35.88 2.20 0.00	33.22 2.45 0.00	29.93 1.98 0.00	27.09 1.84 0.00	26.89 1.74 0.00	26.97 1.59 0.00	24.71 1.17 -0.56	23.32 1.21 0.00	24.78 1.38 0.00	29.56 2.02 0.00	32.29 2.55 0.00	39.87 3.19 0.00	32.37 2.70 0.00	25.33 2.02 0.00	24.74 1.86 0.00	28.16 1.84 0.00	28.95 1.57 0.00	27.27 1.27 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.76 1.41 0.00	29.89 1.30 0.00	32.58 1.29 0.00	29.99 1.25 0.00	28.50 1.19 0.00	32.48 1.49 0.00	35.77 2.09 0.00	33.14 2.36 0.00	29.87 1.92 0.00	27.01 1.76 0.00	26.75 1.59 0.00	26.81 1.43 0.00	24.61 1.03 -0.60	23.17 1.06 0.00	24.62 1.22 0.00	29.39 1.85 0.00	32.10 2.37 0.00	39.68 3.00 0.00	32.20 2.52 0.00	25.21 1.90 0.00	24.65 1.76 0.00	28.07 1.75 0.00	28.90 1.51 0.00	27.27 1.27 0.00
EAST_HAMPTON___DIESEL 23722	31.07 3.71 -0.01	32.13 3.54 0.00	34.99 3.69 0.00	32.29 3.54 0.00	36.77 3.41 -6.05	72.41 4.14 -37.27	87.66 5.06 -48.91	79.14 5.19 -43.17	67.15 4.29 -34.91	37.73 3.76 -8.72	32.94 3.48 -4.30	28.59 3.18 -0.03	37.10 2.66 -11.45	33.03 2.67 -8.26	45.67 3.07 -19.20	68.16 4.16 -36.46	62.63 5.06 -27.84	109.60 6.34 -66.57	388.62 4.93 -354.02	116.68 3.86 -89.51	67.62 3.56 -41.18	43.55 3.77 -13.47	30.96 3.57 -0.01	29.12 3.13 0.00
EAST_PULASKI___ESR 323781	26.65 -0.70 0.00	27.73 -0.87 0.00	30.34 -0.96 0.00	27.87 -0.89 0.00	26.50 -0.81 0.00	30.19 -0.81 0.00	33.00 -0.68 0.00	30.23 -0.54 0.00	27.37 -0.58 0.00	24.71 -0.54 0.00	24.56 -0.60 0.00	24.69 -0.68 0.00	22.25 -0.73 0.00	21.31 -0.79 0.00	22.49 -0.91 0.00	26.62 -0.93 0.00	28.85 -0.88 0.00	35.69 -0.99 0.00	28.69 -0.99 0.00	22.49 -0.82 0.00	21.99 -0.89 0.00	25.27 -1.04 0.00	26.41 -0.97 0.00	25.17 -0.83 0.00
EAST_RIVER___1 323558	28.75 1.40 0.00	29.91 1.32 0.00	32.58 1.29 0.00	29.99 1.24 0.00	28.48 1.17 0.00	32.49 1.49 0.00	35.88 2.20 0.00	33.23 2.45 0.00	29.94 2.00 0.00	27.11 1.87 0.00	26.89 1.74 0.00	26.94 1.56 0.00	24.68 1.14 -0.56	23.29 1.19 0.00	24.75 1.35 0.00	29.52 1.98 0.00	32.23 2.50 0.00	39.82 3.14 0.00	32.34 2.66 0.00	25.30 1.99 0.00	24.72 1.84 0.00	28.14 1.83 0.00	28.94 1.56 0.00	27.28 1.28 0.00
EAST_RIVER___2 323559	28.75 1.40 0.00	29.89 1.31 0.00	32.58 1.28 0.00	29.97 1.22 0.00	28.47 1.16 0.00	32.49 1.49 0.00	35.88 2.20 0.00	33.22 2.45 0.00	29.93 1.98 0.00	27.09 1.84 0.00	26.89 1.74 0.00	26.97 1.59 0.00	24.71 1.17 -0.56	23.32 1.21 0.00	24.78 1.38 0.00	29.56 2.02 0.00	32.29 2.55 0.00	39.87 3.19 0.00	32.37 2.70 0.00	25.33 2.02 0.00	24.74 1.86 0.00	28.16 1.84 0.00	28.95 1.57 0.00	27.27 1.27 0.00
EAST___DELAWARE_HYD 23607	28.42 1.06 0.00	29.49 0.90 0.00	32.20 0.91 0.00	29.65 0.90 0.00	28.17 0.86 0.00	32.15 1.15 0.00	35.44 1.75 0.00	32.78 2.01 0.00	29.53 1.58 0.00	26.62 1.37 0.00	26.27 1.12 0.00	26.38 1.00 0.00	23.46 0.65 0.17	22.84 0.73 0.00	24.65 1.25 0.00	29.35 1.81 0.00	32.13 2.40 0.00	39.85 3.17 0.00	32.28 2.61 0.00	25.23 1.92 0.00	24.66 1.78 0.00	28.12 1.81 0.00	28.98 1.59 0.00	27.35 1.35 0.00
EIGHT_POINT___WT_PWR 323820	27.06 -0.41 -0.12	27.84 -0.78 -0.03	30.56 -0.73 0.00	27.98 -0.77 0.00	26.54 -0.77 0.00	30.04 -0.99 -0.02	32.46 -1.25 -0.02	29.33 -1.45 0.00	26.51 -1.58 -0.14	23.84 -1.57 -0.16	23.80 -1.37 -0.01	23.92 -1.46 0.00	21.75 -1.65 -0.42	20.69 -1.45 -0.04	22.13 -1.30 -0.03	26.30 -1.24 0.00	27.89 -1.84 0.00	34.01 -2.67 0.00	27.18 -2.50 0.00	21.03 -2.28 0.00	20.29 -2.39 0.20	24.67 -2.76 -1.12	24.52 -2.87 0.00	23.48 -2.52 0.00
ELBRIDGE_115KV_TB2 80188	26.83 -0.52 0.00	27.89 -0.70 0.00	30.51 -0.79 0.00	28.03 -0.72 0.00	26.62 -0.69 0.00	30.36 -0.64 0.00	33.18 -0.51 0.00	30.35 -0.43 0.00	27.45 -0.51 0.00	24.81 -0.44 0.00	24.70 -0.45 0.00	24.86 -0.52 0.00	22.42 -0.56 0.00	21.54 -0.56 0.00	22.83 -0.57 0.00	27.02 -0.52 0.00	29.23 -0.51 0.00	36.11 -0.57 0.00	29.18 -0.50 0.00	22.83 -0.48 0.00	22.35 -0.53 0.00	25.64 -0.68 0.00	26.64 -0.75 0.00	25.45 -0.55 0.00
ELEC_TRO_TEK 24086	29.25 1.88 -0.01	30.31 1.72 0.00	33.04 1.75 0.00	30.50 1.75 0.00	33.31 1.69 -4.31	59.66 2.08 -26.57	73.59 2.69 -37.22	70.53 2.91 -36.84	66.76 2.41 -36.40	36.26 2.21 -8.81	31.54 2.04 -4.34	27.26 1.85 -0.03	37.45 1.44 -13.03	36.82 1.46 -13.25	46.40 1.66 -21.34	71.24 2.35 -41.35	68.57 2.94 -35.91	137.69 3.72 -97.30	515.14 3.10 -482.36	144.84 2.32 -119.21	92.07 2.14 -67.05	43.83 2.19 -15.33	29.39 2.00 -0.01	27.70 1.70 0.00
ELLENBURG_WT_PWR 323604	28.66 1.31 0.00	30.05 1.46 0.00	32.94 1.65 0.00	30.26 1.51 0.00	28.66 1.36 0.00	32.21 1.21 0.00	34.66 0.98 0.00	31.55 0.77 0.00	28.71 0.76 0.00	25.91 0.66 0.00	26.01 0.85 0.00	26.47 1.10 0.00	24.00 1.02 0.00	23.01 0.90 0.00	24.15 0.75 0.00	28.29 0.75 0.00	30.44 0.71 0.00	37.25 0.57 0.00	29.93 0.25 0.00	23.57 0.26 0.00	23.20 0.32 0.00	26.72 0.41 0.00	27.85 0.46 0.00	26.59 0.59 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.12 -1.23 0.00	26.89 -1.70 0.00	29.37 -1.92 0.00	26.83 -1.92 0.00	25.44 -1.86 0.00	29.04 -1.97 0.00	31.59 -2.09 0.00	28.40 -2.37 0.00	25.64 -2.31 0.00	23.05 -2.20 0.00	23.20 -1.96 0.00	23.39 -1.99 0.00	21.13 -1.86 0.00	20.41 -1.70 0.00	21.92 -1.48 0.00	25.80 -1.74 0.00	27.58 -2.15 0.00	33.73 -2.95 0.00	27.03 -2.65 0.00	21.15 -2.16 0.00	20.51 -2.29 0.08	23.25 -2.76 0.31	24.60 -2.78 0.00	23.53 -2.36 0.11
EMPIRE_CC_1 323656	28.00 0.65 0.00	29.18 0.59 0.00	31.88 0.59 0.00	29.32 0.58 0.00	27.86 0.55 0.00	31.72 0.71 0.00	34.68 1.00 0.00	31.90 1.12 0.00	28.87 0.92 0.00	25.98 0.73 0.00	25.58 0.42 0.00	25.74 0.36 0.00	23.31 0.22 -0.11	22.36 0.25 0.00	23.72 0.31 0.00	28.06 0.51 0.00	30.51 0.77 0.00	38.04 1.36 0.00	30.91 1.23 0.00	24.38 1.07 0.00	23.92 1.04 0.00	27.29 0.98 0.00	28.24 0.86 0.00	26.77 0.77 0.00
EMPIRE_CC_2 323658	28.00 0.65 0.00	29.18 0.59 0.00	31.88 0.59 0.00	29.32 0.58 0.00	27.86 0.55 0.00	31.72 0.71 0.00	34.68 1.00 0.00	31.90 1.12 0.00	28.87 0.92 0.00	25.98 0.73 0.00	25.58 0.42 0.00	25.74 0.36 0.00	23.31 0.22 -0.11	22.36 0.25 0.00	23.72 0.31 0.00	28.06 0.51 0.00	30.51 0.77 0.00	38.04 1.36 0.00	30.91 1.23 0.00	24.38 1.07 0.00	23.92 1.04 0.00	27.29 0.98 0.00	28.24 0.86 0.00	26.77 0.77 0.00
ENORWICH_115KV_TB1 80156	29.44 2.09 0.00	30.51 1.92 0.00	33.40 2.11 0.00	30.66 1.91 0.00	29.15 1.84 0.00	33.55 2.54 0.00	36.92 3.24 0.00	33.98 3.21 0.00	30.48 2.53 0.00	27.33 2.08 0.00	27.00 1.84 0.00	27.00 1.63 0.00	24.06 1.08 0.00	22.91 0.80 0.00	24.49 1.09 0.00	29.00 1.46 0.00	31.65 1.92 0.00	38.98 2.30 0.00	31.33 1.66 0.00	24.54 1.23 0.00	23.96 0.95 -0.12	27.43 1.06 -0.06	28.24 0.85 0.00	26.87 0.71 -0.17
ERIE_ST__34_KV_TB1-2 80199	26.89 -0.46 0.00	27.65 -0.93 0.00	30.23 -1.06 0.00	27.61 -1.14 0.00	26.19 -1.12 0.00	29.84 -1.16 0.00	32.53 -1.15 0.00	29.38 -1.40 0.00	26.50 -1.45 0.00	23.84 -1.40 0.00	24.01 -1.15 0.00	24.19 -1.19 0.00	21.85 -1.13 0.00	21.06 -1.05 0.00	22.63 -0.77 0.00	26.67 -0.88 0.00	28.59 -1.14 0.00	34.96 -1.72 0.00	28.00 -1.68 0.00	21.89 -1.42 0.00	21.24 -1.56 0.08	24.12 -1.91 0.28	25.44 -1.95 0.00	24.31 -1.58 0.11
ERIE_WT_PWR 323693	25.83 -0.97 0.56	27.00 -1.44 0.15	29.68 -1.62 0.00	27.11 -1.64 0.00	25.76 -1.55 0.00	29.18 -1.71 0.11	31.75 -1.82 0.11	28.70 -2.07 0.00	25.25 -2.04 0.65	22.53 -1.94 0.78	23.40 -1.70 0.05	23.65 -1.73 0.00	19.38 -1.64 1.97	20.44 -1.49 0.17	21.99 -1.26 0.15	26.09 -1.45 0.00	27.92 -1.81 0.00	34.15 -2.53 0.00	27.37 -2.31 0.00	21.39 -1.92 0.00	20.49 -2.06 0.33	23.50 -2.50 0.31	24.83 -2.56 0.00	22.19 -2.15 1.65
ESPRGFLD_115KV_TB1 80157	28.63 1.27 0.00	29.82 1.23 0.00	32.64 1.35 0.00	29.94 1.19 0.00	28.45 1.15 0.00	32.39 1.39 0.00	35.20 1.51 0.00	32.19 1.41 0.00	29.15 1.19 0.00	26.36 1.11 0.00	26.25 1.09 0.00	26.41 1.03 0.00	23.78 0.79 0.00	22.74 0.64 0.00	24.06 0.66 0.00	28.39 0.84 0.00	30.84 1.11 0.00	37.97 1.29 0.00	30.61 0.93 0.00	23.94 0.63 0.00	23.40 0.52 0.00	26.96 0.64 0.00	28.22 0.84 0.00	26.80 0.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.72 0.37 0.00	28.78 0.20 0.00	31.49 0.19 0.00	28.93 0.17 0.00	27.49 0.18 0.00	31.38 0.38 0.00	34.36 0.68 0.00	31.51 0.73 0.00	28.42 0.47 0.00	25.65 0.40 0.00	25.49 0.33 0.00	25.56 0.18 0.00	23.01 0.03 0.00	22.03 -0.08 0.00	23.42 0.03 0.00	27.79 0.25 0.00	30.21 0.48 0.00	37.33 0.65 0.00	30.11 0.43 0.00	23.57 0.25 0.00	23.30 0.14 -0.28	26.47 0.05 -0.10	27.33 -0.06 0.00	26.37 0.00 -0.37
ETNA____115KV_TB2 80207	27.72 0.37 0.00	28.78 0.20 0.00	31.49 0.19 0.00	28.93 0.17 0.00	27.49 0.18 0.00	31.38 0.38 0.00	34.36 0.68 0.00	31.51 0.73 0.00	28.42 0.47 0.00	25.65 0.40 0.00	25.49 0.33 0.00	25.56 0.18 0.00	23.01 0.03 0.00	22.03 -0.08 0.00	23.42 0.03 0.00	27.79 0.25 0.00	30.21 0.48 0.00	37.33 0.65 0.00	30.11 0.43 0.00	23.57 0.25 0.00	23.30 0.14 -0.28	26.47 0.05 -0.10	27.33 -0.06 0.00	26.37 0.00 -0.37
EUCLID___115KV_TB2 356179	26.57 -0.78 0.00	27.64 -0.95 0.00	30.23 -1.06 0.00	27.75 -1.00 0.00	26.40 -0.91 0.00	30.06 -0.95 0.00	32.81 -0.87 0.00	30.05 -0.73 0.00	27.19 -0.76 0.00	24.58 -0.67 0.00	24.49 -0.67 0.00	24.65 -0.73 0.00	22.25 -0.74 0.00	21.39 -0.71 0.00	22.64 -0.76 0.00	26.77 -0.77 0.00	28.97 -0.76 0.00	35.77 -0.90 0.00	28.89 -0.78 0.00	22.65 -0.66 0.00	22.16 -0.72 0.00	25.43 -0.89 0.00	26.50 -0.89 0.00	25.29 -0.71 0.00
E_CANADA_CAP_HY 24051	28.92 1.57 0.00	30.18 1.59 0.00	33.06 1.77 0.00	30.31 1.56 0.00	28.79 1.48 0.00	32.71 1.70 0.00	35.34 1.66 0.00	32.24 1.47 0.00	29.29 1.34 0.00	26.51 1.26 0.00	26.43 1.28 0.00	26.58 1.21 0.00	23.95 0.97 0.00	22.87 0.77 0.00	24.16 0.76 0.00	28.47 0.93 0.00	30.94 1.21 0.00	38.02 1.34 0.00	30.67 1.00 0.00	24.03 0.71 0.00	23.51 0.63 0.00	27.17 0.86 0.00	28.62 1.24 0.00	27.20 1.20 0.00
E_CANADA_MHWK_HY 24050	27.78 0.43 0.00	28.90 0.31 0.00	31.57 0.27 0.00	29.08 0.33 0.00	27.64 0.34 0.00	31.60 0.60 0.00	34.77 1.09 0.00	32.22 1.44 0.00	29.05 1.10 0.00	26.12 0.87 0.00	25.73 0.58 0.00	25.63 0.26 0.00	22.94 -0.04 0.00	22.12 0.02 0.00	23.37 -0.03 0.00	27.98 0.44 0.00	30.47 0.74 0.00	37.87 1.19 0.00	30.69 1.02 0.00	24.19 0.88 0.00	23.73 0.85 0.00	27.06 0.75 0.00	27.90 0.52 0.00	26.30 0.30 0.00
E_FISHKILL___LBMP 23776	28.63 1.28 0.00	29.78 1.20 0.00	32.50 1.21 0.00	29.91 1.16 0.00	28.42 1.11 0.00	32.40 1.39 0.00	35.61 1.93 0.00	32.96 2.18 0.00	29.71 1.76 0.00	26.85 1.61 0.00	26.56 1.40 0.00	26.62 1.25 0.00	24.04 0.89 -0.17	23.03 0.92 0.00	24.47 1.07 0.00	29.20 1.66 0.00	31.87 2.14 0.00	39.39 2.71 0.00	31.96 2.28 0.00	25.05 1.74 0.00	24.49 1.61 0.00	27.91 1.59 0.00	28.74 1.36 0.00	27.15 1.15 0.00
FALCON___SEABRD_CC1 323796	29.07 1.72 0.00	30.48 1.89 0.00	33.41 2.11 0.00	30.70 1.95 0.00	29.06 1.75 0.00	32.54 1.54 0.00	34.97 1.29 0.00	31.87 1.10 0.00	28.96 1.01 0.00	26.13 0.88 0.00	26.23 1.08 0.00	26.73 1.35 0.00	24.19 1.21 0.00	23.18 1.08 0.00	24.32 0.92 0.00	28.56 1.02 0.00	30.80 1.07 0.00	37.70 1.03 0.00	30.26 0.58 0.00	23.83 0.52 0.00	23.44 0.55 0.00	26.92 0.60 0.00	28.04 0.66 0.00	26.89 0.89 0.00
FALCON___SEABRD_CC2 323797	29.07 1.72 0.00	30.48 1.89 0.00	33.41 2.11 0.00	30.70 1.95 0.00	29.06 1.75 0.00	32.54 1.54 0.00	34.97 1.29 0.00	31.87 1.10 0.00	28.96 1.01 0.00	26.13 0.88 0.00	26.23 1.08 0.00	26.73 1.35 0.00	24.19 1.21 0.00	23.18 1.08 0.00	24.32 0.92 0.00	28.56 1.02 0.00	30.80 1.07 0.00	37.70 1.03 0.00	30.26 0.58 0.00	23.83 0.52 0.00	23.44 0.55 0.00	26.92 0.60 0.00	28.04 0.66 0.00	26.89 0.89 0.00

FAR ROCKAWAY___4 23548	29.62 2.25 -0.01	30.68 2.10 0.00	33.45 2.16 0.00	30.90 2.15 0.00	34.93 2.07 -5.55	67.69 2.52 -34.16	83.15 3.20 -46.27	77.45 3.40 -43.27	69.80 2.84 -39.02	37.41 2.59 -9.57	32.31 2.43 -4.72	27.65 2.23 -0.04	38.18 1.78 -13.42	35.96 1.80 -12.06	47.69 2.02 -22.27	73.17 2.81 -42.82	68.41 3.21 -35.48	131.31 4.01 -90.62	487.79 3.30 -454.81	143.09 2.49 -117.29	87.73 2.42 -62.43	44.83 2.59 -15.92	29.79 2.40 -0.01	28.06 2.06 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.78 1.43 0.00	29.94 1.35 0.00	32.61 1.32 0.00	30.02 1.27 0.00	28.51 1.21 0.00	32.51 1.51 0.00	35.88 2.20 0.00	33.26 2.48 0.00	29.97 2.02 0.00	27.14 1.89 0.00	26.91 1.75 0.00	26.96 1.58 0.00	24.69 1.15 -0.55	23.30 1.20 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.25 2.52 0.00	39.84 3.16 0.00	32.35 2.68 0.00	25.32 2.01 0.00	24.74 1.86 0.00	28.16 1.85 0.00	28.97 1.59 0.00	27.30 1.30 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.80 1.45 0.00	29.95 1.36 0.00	32.63 1.34 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.53 1.53 0.00	35.90 2.22 0.00	33.27 2.49 0.00	29.98 2.03 0.00	27.15 1.90 0.00	26.92 1.77 0.00	26.96 1.59 0.00	24.70 1.16 -0.55	23.31 1.21 0.00	24.76 1.36 0.00	29.55 2.01 0.00	32.27 2.54 0.00	39.86 3.18 0.00	32.37 2.70 0.00	25.33 2.02 0.00	24.76 1.88 0.00	28.18 1.87 0.00	28.99 1.61 0.00	27.32 1.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.77 1.42 0.00	29.92 1.33 0.00	32.61 1.31 0.00	30.00 1.25 0.00	28.51 1.20 0.00	32.51 1.51 0.00	35.87 2.19 0.00	33.25 2.47 0.00	29.97 2.02 0.00	27.13 1.88 0.00	26.90 1.74 0.00	26.95 1.57 0.00	24.69 1.15 -0.55	23.29 1.19 0.00	24.74 1.34 0.00	29.53 1.99 0.00	32.25 2.52 0.00	39.83 3.15 0.00	32.35 2.67 0.00	25.31 2.00 0.00	24.73 1.85 0.00	28.15 1.84 0.00	28.96 1.58 0.00	27.29 1.29 0.00
FARRAGUT___LBMP 323566	28.75 1.39 0.00	29.90 1.31 0.00	32.58 1.28 0.00	29.98 1.23 0.00	28.48 1.17 0.00	32.47 1.47 0.00	35.83 2.15 0.00	33.21 2.43 0.00	29.93 1.98 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.92 1.54 0.00	24.65 1.11 -0.55	23.27 1.17 0.00	24.71 1.31 0.00	29.49 1.95 0.00	32.20 2.47 0.00	39.78 3.10 0.00	32.31 2.63 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.13 1.82 0.00	28.94 1.56 0.00	27.27 1.27 0.00
FENNER___WINDPWR 24204	27.79 0.44 0.00	28.97 0.38 0.00	31.70 0.41 0.00	29.12 0.37 0.00	27.70 0.39 0.00	31.57 0.57 0.00	34.52 0.84 0.00	31.66 0.88 0.00	28.62 0.66 0.00	25.81 0.56 0.00	25.61 0.46 0.00	25.73 0.35 0.00	23.22 0.24 0.00	22.21 0.10 0.00	23.60 0.20 0.00	27.89 0.35 0.00	30.25 0.52 0.00	37.31 0.63 0.00	30.08 0.40 0.00	23.59 0.27 0.00	23.13 0.19 -0.05	26.47 0.16 0.00	27.52 0.14 0.00	26.20 0.13 -0.07
FIBERTEK___ENERGY 23856	26.93 -0.42 0.00	28.01 -0.58 0.00	30.63 -0.66 0.00	28.13 -0.62 0.00	26.74 -0.56 0.00	30.48 -0.52 0.00	33.31 -0.37 0.00	30.50 -0.28 0.00	27.58 -0.37 0.00	24.94 -0.31 0.00	24.83 -0.32 0.00	24.98 -0.40 0.00	22.54 -0.45 0.00	21.66 -0.44 0.00	22.94 -0.46 0.00	27.15 -0.39 0.00	29.39 -0.34 0.00	36.29 -0.39 0.00	29.32 -0.36 0.00	22.97 -0.34 0.00	22.46 -0.42 0.00	25.76 -0.56 0.00	26.80 -0.58 0.00	25.57 -0.42 0.00
FITZPATRICK___ 23598	26.26 -1.09 0.00	27.34 -1.24 0.00	29.90 -1.39 0.00	27.46 -1.29 0.00	26.13 -1.18 0.00	29.71 -1.29 0.00	32.37 -1.31 0.00	29.63 -1.15 0.00	26.84 -1.11 0.00	24.28 -0.97 0.00	24.20 -0.96 0.00	24.37 -1.01 0.00	22.03 -0.95 0.00	21.18 -0.92 0.00	22.37 -1.03 0.00	26.43 -1.11 0.00	28.57 -1.16 0.00	35.26 -1.42 0.00	28.49 -1.19 0.00	22.35 -0.96 0.00	21.89 -0.99 0.00	25.12 -1.19 0.00	26.21 -1.17 0.00	25.04 -0.96 0.00
FLOWRFLD_69_KV_BK1 356044	30.13 2.78 -0.01	31.12 2.54 0.00	33.87 2.57 0.00	31.26 2.51 0.00	35.76 2.45 -6.00	70.95 2.99 -36.95	85.94 3.69 -48.57	77.59 3.84 -42.98	66.05 3.16 -34.94	36.86 2.88 -8.72	32.16 2.71 -4.30	27.88 2.47 -0.03	36.46 1.98 -11.50	32.47 1.96 -8.40	44.94 2.29 -19.26	67.23 3.10 -36.59	61.58 3.78 -28.06	108.65 4.70 -67.28	388.39 3.84 -354.88	115.94 2.92 -89.71	66.89 2.66 -41.35	42.57 2.78 -13.48	29.99 2.60 -0.01	28.25 2.25 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.96 1.61 0.00	30.11 1.52 0.00	32.87 1.58 0.00	30.25 1.51 0.00	28.76 1.45 0.00	32.79 1.79 0.00	36.08 2.40 0.00	33.40 2.62 0.00	30.10 2.15 0.00	27.17 1.92 0.00	26.84 1.69 0.00	26.92 1.54 0.00	24.14 1.15 0.00	23.29 1.19 0.00	24.77 1.37 0.00	29.56 2.02 0.00	32.29 2.56 0.00	39.95 3.28 0.00	32.41 2.74 0.00	25.39 2.08 0.00	24.82 1.94 0.00	28.28 1.96 0.00	29.12 1.73 0.00	27.47 1.48 0.00
FORT ORANGE___ 23900	28.21 0.86 0.00	29.41 0.82 0.00	32.14 0.85 0.00	29.55 0.80 0.00	28.07 0.77 0.00	31.98 0.98 0.00	34.99 1.32 0.00	32.20 1.42 0.00	29.12 1.17 0.00	26.27 1.02 0.00	25.93 0.77 0.00	26.01 0.63 0.00	23.42 0.44 0.00	22.62 0.52 0.00	24.03 0.63 0.00	28.44 0.90 0.00	30.96 1.23 0.00	38.47 1.79 0.00	31.21 1.53 0.00	24.59 1.28 0.00	24.12 1.24 0.00	27.48 1.16 0.00	28.38 1.00 0.00	26.89 0.89 0.00
FORT_DRUM_COGEN 23780	27.38 0.03 0.00	28.55 -0.04 0.00	31.25 -0.04 0.00	28.72 -0.03 0.00	27.29 -0.02 0.00	31.12 0.11 0.00	34.07 0.39 0.00	31.21 0.43 0.00	28.29 0.34 0.00	25.48 0.23 0.00	25.28 0.12 0.00	25.36 -0.02 0.00	22.75 -0.23 0.00	21.63 -0.48 0.00	22.65 -0.75 0.00	26.74 -0.80 0.00	28.94 -0.79 0.00	35.92 -0.76 0.00	28.51 -1.17 0.00	22.36 -0.95 0.00	21.88 -1.01 0.00	25.31 -1.01 0.00	26.69 -0.69 0.00	25.29 -0.71 0.00
FOX_HILLS___ESR 323835	28.80 1.45 0.00	29.88 1.29 0.00	32.54 1.25 0.00	29.95 1.20 0.00	28.46 1.15 0.00	32.47 1.46 0.00	35.80 2.12 0.00	33.22 2.44 0.00	29.92 1.98 0.00	27.07 1.82 0.00	26.83 1.67 0.00	26.85 1.48 0.00	24.59 1.05 -0.55	23.22 1.12 0.00	24.68 1.28 0.00	29.45 1.91 0.00	32.21 2.48 0.00	39.69 3.01 0.00	32.37 2.69 0.00	25.31 2.01 0.00	24.74 1.86 0.00	28.16 1.85 0.00	28.98 1.60 0.00	27.32 1.32 0.00
FPL_FAR_ROCK_GT1 24212	29.62 2.25 -0.01	30.68 2.10 0.00	33.45 2.16 0.00	30.90 2.15 0.00	34.92 2.06 -5.55	67.70 2.54 -34.16	83.22 3.27 -46.27	77.49 3.45 -43.27	69.82 2.85 -39.02	37.42 2.59 -9.57	32.30 2.43 -4.72	27.65 2.23 -0.04	38.19 1.79 -13.42	35.96 1.80 -12.06	47.73 2.06 -22.27	73.17 2.81 -42.82	68.39 3.19 -35.48	131.33 4.03 -90.62	487.79 3.30 -454.81	143.09 2.49 -117.29	87.73 2.42 -62.43	44.83 2.59 -15.92	29.79 2.40 -0.01	28.09 2.08 0.00
FPL_FAR_ROCK_GT2 23815	29.62 2.25 -0.01	30.68 2.10 0.00	33.45 2.16 0.00	30.90 2.15 0.00	34.92 2.06 -5.55	67.70 2.54 -34.16	83.22 3.27 -46.27	77.49 3.45 -43.27	69.82 2.85 -39.02	37.42 2.59 -9.57	32.30 2.43 -4.72	27.65 2.23 -0.04	38.19 1.79 -13.42	35.96 1.80 -12.06	47.73 2.06 -22.27	73.17 2.81 -42.82	68.39 3.19 -35.48	131.33 4.03 -90.62	487.79 3.30 -454.81	143.09 2.49 -117.29	87.73 2.42 -62.43	44.83 2.59 -15.92	29.79 2.40 -0.01	28.09 2.08 0.00



FRANKLIN_FALL_HYD 24054	28.83 1.47 0.00	30.21 1.62 0.00	33.11 1.81 0.00	30.39 1.64 0.00	28.77 1.47 0.00	32.34 1.34 0.00	34.82 1.13 0.00	31.72 0.94 0.00	28.87 0.92 0.00	26.04 0.79 0.00	26.18 1.02 0.00	26.64 1.26 0.00	24.18 1.20 0.00	23.17 1.07 0.00	24.31 0.92 0.00	28.44 0.89 0.00	30.56 0.83 0.00	37.43 0.75 0.00	30.11 0.44 0.00	23.72 0.41 0.00	23.38 0.50 0.00	26.97 0.66 0.00	28.16 0.78 0.00	26.82 0.82 0.00
FREEPORT_EQUS_GT1 23764	29.48 2.12 -0.01	30.53 1.95 0.00	33.28 1.99 0.00	30.73 1.98 0.00	34.48 1.90 -5.28	65.87 2.36 -32.51	80.38 3.01 -43.69	74.30 3.22 -40.30	66.09 2.66 -35.48	36.39 2.40 -8.74	31.69 2.23 -4.30	27.42 2.01 -0.03	36.74 1.64 -12.12	34.16 1.63 -10.42	45.39 1.89 -20.09	68.61 2.54 -38.52	64.19 3.13 -31.33	120.71 3.98 -80.05	443.65 3.40 -410.58	128.39 2.55 -102.53	77.92 2.35 -52.69	43.02 2.44 -14.26	29.65 2.25 -0.01	27.93 1.93 0.00
FREEPORT___CT2 23818	29.48 2.12 -0.01	30.53 1.95 0.00	33.28 1.99 0.00	30.73 1.98 0.00	34.48 1.90 -5.28	65.87 2.36 -32.51	80.38 3.01 -43.69	74.30 3.22 -40.30	66.09 2.66 -35.48	36.39 2.40 -8.74	31.69 2.23 -4.30	27.42 2.01 -0.03	36.74 1.64 -12.12	34.16 1.63 -10.42	45.39 1.89 -20.09	68.61 2.54 -38.52	64.19 3.13 -31.33	120.71 3.98 -80.05	443.65 3.40 -410.58	128.39 2.55 -102.53	77.92 2.35 -52.69	43.02 2.44 -14.26	29.65 2.25 -0.01	27.93 1.93 0.00
FRESHKLS_33_KV_LOAD 356253	28.83 1.48 0.00	29.86 1.27 0.00	32.53 1.24 0.00	29.95 1.20 0.00	28.45 1.15 0.00	32.46 1.46 0.00	35.78 2.09 0.00	33.19 2.42 0.00	29.89 1.94 0.00	27.03 1.78 0.00	26.78 1.62 0.00	26.79 1.42 0.00	24.54 1.00 -0.55	23.17 1.07 0.00	24.64 1.24 0.00	29.41 1.87 0.00	32.18 2.45 0.00	39.65 2.97 0.00	32.35 2.68 0.00	25.31 2.00 0.00	24.75 1.86 0.00	28.17 1.86 0.00	28.99 1.61 0.00	27.34 1.34 0.00
FULTON COGEN____ 23766	26.50 -0.85 0.00	27.56 -1.02 0.00	30.14 -1.15 0.00	27.69 -1.06 0.00	26.34 -0.97 0.00	29.98 -1.02 0.00	32.75 -0.93 0.00	29.99 -0.79 0.00	27.14 -0.81 0.00	24.53 -0.71 0.00	24.42 -0.73 0.00	24.60 -0.78 0.00	22.19 -0.79 0.00	21.34 -0.76 0.00	22.57 -0.83 0.00	26.72 -0.83 0.00	28.95 -0.78 0.00	35.74 -0.94 0.00	28.85 -0.83 0.00	22.62 -0.69 0.00	22.12 -0.76 0.00	25.36 -0.95 0.00	26.42 -0.96 0.00	25.23 -0.76 0.00
FULTON___LFGE 323630	30.08 2.73 0.00	31.33 2.74 0.00	34.29 2.99 0.00	31.49 2.74 0.00	29.92 2.62 0.00	34.13 3.12 0.00	37.32 3.64 0.00	34.19 3.41 0.00	30.97 3.02 0.00	27.99 2.74 0.00	27.60 2.44 0.00	27.15 1.78 0.00	24.53 1.55 0.00	23.50 1.40 0.00	24.91 1.51 0.00	30.17 2.63 0.00	32.96 3.23 0.00	40.72 4.04 0.00	32.86 3.18 0.00	25.72 2.42 0.00	25.15 2.27 0.00	28.86 2.54 0.00	30.05 2.67 0.00	28.41 2.42 0.00
G.F.CEMENT___DRP 24184	28.53 1.18 0.00	29.75 1.16 0.00	32.67 1.38 0.00	30.07 1.32 0.00	28.43 1.13 0.00	32.45 1.45 0.00	35.48 1.80 0.00	32.64 1.86 0.00	29.61 1.66 0.00	26.65 1.40 0.00	26.33 1.17 0.00	26.52 1.15 0.00	23.88 0.90 0.00	22.97 0.87 0.00	24.31 0.91 0.00	28.98 1.44 0.00	31.39 1.66 0.00	38.83 2.15 0.00	31.42 1.74 0.00	24.71 1.40 0.00	24.19 1.31 0.00	27.56 1.25 0.00	28.47 1.09 0.00	26.94 0.95 0.00
GARDENVILLE___LBMP 24039	26.26 -1.09 0.00	27.03 -1.56 0.00	29.54 -1.75 0.00	26.98 -1.77 0.00	25.59 -1.72 0.00	29.19 -1.82 0.00	31.76 -1.92 0.00	28.59 -2.19 0.00	25.78 -2.17 0.00	23.19 -2.06 0.00	23.33 -1.82 0.00	23.52 -1.85 0.00	21.24 -1.74 0.00	20.52 -1.59 0.00	22.04 -1.36 0.00	25.95 -1.59 0.00	27.77 -1.96 0.00	33.97 -2.71 0.00	27.20 -2.47 0.00	21.26 -2.05 0.00	20.62 -2.19 0.08	23.34 -2.63 0.34	24.72 -2.67 0.00	23.63 -2.26 0.11
GARDNVLA_35_KV_LD 355827	26.39 -0.96 0.00	27.16 -1.43 0.00	29.68 -1.61 0.00	27.11 -1.64 0.00	25.71 -1.60 0.00	29.34 -1.66 0.00	31.95 -1.73 0.00	28.78 -1.99 0.00	25.95 -2.00 0.00	23.33 -1.91 0.00	23.48 -1.67 0.00	23.66 -1.72 0.00	21.37 -1.62 0.00	20.64 -1.47 0.00	22.17 -1.23 0.00	26.11 -1.43 0.00	27.95 -1.78 0.00	34.20 -2.48 0.00	27.38 -2.29 0.00	21.41 -1.91 0.00	20.75 -2.05 0.08	23.54 -2.48 0.30	24.85 -2.53 0.00	23.76 -2.13 0.11
GELCKHM___115KV_LOAD 80723	26.71 -0.64 0.00	27.79 -0.80 0.00	30.39 -0.91 0.00	27.91 -0.85 0.00	26.54 -0.77 0.00	30.23 -0.78 0.00	33.01 -0.67 0.00	30.22 -0.55 0.00	27.34 -0.61 0.00	24.72 -0.53 0.00	24.63 -0.53 0.00	24.78 -0.59 0.00	22.37 -0.62 0.00	21.50 -0.60 0.00	22.76 -0.64 0.00	26.92 -0.62 0.00	29.14 -0.59 0.00	35.98 -0.70 0.00	29.06 -0.62 0.00	22.78 -0.54 0.00	22.28 -0.60 0.00	25.56 -0.76 0.00	26.61 -0.77 0.00	25.40 -0.60 0.00
GENERAL___MILLS 23808	26.36 -0.99 0.00	27.13 -1.46 0.00	29.65 -1.65 0.00	27.08 -1.67 0.00	25.69 -1.62 0.00	29.30 -1.70 0.00	31.91 -1.78 0.00	28.73 -2.05 0.00	25.91 -2.05 0.00	23.30 -1.95 0.00	23.44 -1.71 0.00	23.63 -1.75 0.00	21.33 -1.65 0.00	20.60 -1.50 0.00	22.14 -1.26 0.00	26.07 -1.48 0.00	27.90 -1.83 0.00	34.14 -2.55 0.00	27.33 -2.35 0.00	21.37 -1.95 0.00	20.72 -2.09 0.08	23.48 -2.52 0.31	24.82 -2.56 0.00	23.73 -2.16 0.11
GE_PLASTICS___DRP 24183	28.07 0.72 0.00	29.24 0.66 0.00	31.96 0.67 0.00	29.39 0.64 0.00	27.92 0.62 0.00	31.79 0.79 0.00	34.74 1.06 0.00	31.95 1.18 0.00	28.91 0.96 0.00	26.09 0.84 0.00	25.81 0.65 0.00	25.92 0.55 0.00	23.35 0.37 0.00	22.52 0.42 0.00	23.89 0.49 0.00	28.30 0.76 0.00	30.77 1.04 0.00	38.20 1.52 0.00	30.98 1.31 0.00	24.39 1.08 0.00	23.92 1.04 0.00	27.28 0.96 0.00	28.20 0.82 0.00	26.73 0.73 0.00
GILBOA___1 23756	28.11 0.76 0.00	29.27 0.68 0.00	31.99 0.70 0.00	29.41 0.66 0.00	27.94 0.64 0.00	31.82 0.81 0.00	34.71 1.03 0.00	31.94 1.17 0.00	28.87 0.92 0.00	26.06 0.81 0.00	25.82 0.67 0.00	25.95 0.58 0.00	23.35 0.37 0.00	22.49 0.39 0.00	23.88 0.48 0.00	28.34 0.80 0.00	30.80 1.07 0.00	38.12 1.44 0.00	30.89 1.21 0.00	24.26 0.95 0.00	23.75 0.87 0.00	27.13 0.82 0.00	28.06 0.68 0.00	26.60 0.60 0.00
GILBOA___2 23757	28.11 0.76 0.00	29.27 0.68 0.00	31.99 0.70 0.00	29.41 0.66 0.00	27.94 0.64 0.00	31.82 0.81 0.00	34.71 1.03 0.00	31.94 1.17 0.00	28.87 0.92 0.00	26.06 0.81 0.00	25.82 0.67 0.00	25.95 0.58 0.00	23.35 0.37 0.00	22.49 0.39 0.00	23.88 0.48 0.00	28.34 0.80 0.00	30.80 1.07 0.00	38.12 1.44 0.00	30.89 1.21 0.00	24.26 0.95 0.00	23.75 0.87 0.00	27.13 0.82 0.00	28.06 0.68 0.00	26.60 0.60 0.00
GILBOA___3 23758	28.11 0.76 0.00	29.27 0.68 0.00	31.99 0.70 0.00	29.41 0.66 0.00	27.94 0.64 0.00	31.82 0.81 0.00	34.71 1.03 0.00	31.94 1.17 0.00	28.87 0.92 0.00	26.06 0.81 0.00	25.82 0.67 0.00	25.95 0.58 0.00	23.35 0.37 0.00	22.49 0.39 0.00	23.88 0.48 0.00	28.34 0.80 0.00	30.80 1.07 0.00	38.12 1.44 0.00	30.89 1.21 0.00	24.26 0.95 0.00	23.75 0.87 0.00	27.13 0.82 0.00	28.06 0.68 0.00	26.60 0.60 0.00

GILBOA___4 23759	28.11 0.76 0.00	29.27 0.68 0.00	31.99 0.70 0.00	29.41 0.66 0.00	27.94 0.64 0.00	31.82 0.81 0.00	34.71 1.03 0.00	31.94 1.17 0.00	28.87 0.92 0.00	26.06 0.81 0.00	25.82 0.67 0.00	25.95 0.58 0.00	23.35 0.37 0.00	22.49 0.39 0.00	23.88 0.48 0.00	28.34 0.80 0.00	30.80 1.07 0.00	38.12 1.44 0.00	30.89 1.21 0.00	24.26 0.95 0.00	23.75 0.87 0.00	27.13 0.82 0.00	28.06 0.68 0.00	26.60 0.60 0.00
GILBOA____ 23599	28.11 0.76 0.00	29.27 0.68 0.00	31.99 0.70 0.00	29.41 0.66 0.00	27.95 0.64 0.00	31.81 0.80 0.00	34.70 1.01 0.00	31.94 1.17 0.00	28.87 0.91 0.00	26.06 0.81 0.00	25.83 0.67 0.00	25.95 0.57 0.00	23.35 0.37 0.00	22.50 0.40 0.00	23.87 0.47 0.00	28.34 0.80 0.00	30.80 1.07 0.00	38.12 1.44 0.00	30.89 1.21 0.00	24.26 0.95 0.00	23.75 0.87 0.00	27.13 0.82 0.00	28.06 0.67 0.00	26.60 0.60 0.00
GINNA____ 23603	25.14 -2.01 0.20	26.16 -2.38 0.06	28.65 -2.64 0.00	26.25 -2.50 0.00	24.97 -2.34 0.00	28.43 -2.54 0.04	31.11 -2.54 0.04	28.35 -2.43 0.00	25.41 -2.31 0.23	22.85 -2.12 0.28	23.11 -2.03 0.02	23.27 -2.11 0.00	20.26 -2.02 0.70	20.11 -1.93 0.06	21.46 -1.89 0.05	25.40 -2.14 0.00	27.37 -2.36 0.00	33.63 -3.05 0.00	27.09 -2.59 0.00	21.22 -2.09 0.00	20.57 -2.17 0.14	23.69 -2.62 0.00	24.68 -2.70 0.00	22.97 -2.41 0.62
GLEN PARK____ 23778	27.39 0.03 0.00	28.53 -0.05 0.00	31.24 -0.05 0.00	28.69 -0.05 0.00	27.30 -0.02 0.00	31.14 0.14 0.00	34.13 0.44 0.00	31.27 0.50 0.00	28.35 0.40 0.00	25.53 0.28 0.00	25.31 0.16 0.00	25.37 -0.01 0.00	22.74 -0.24 0.00	21.62 -0.48 0.00	22.64 -0.76 0.00	26.80 -0.75 0.00	29.04 -0.69 0.00	36.08 -0.60 0.00	28.63 -1.04 0.00	22.45 -0.86 0.00	21.96 -0.92 0.00	25.38 -0.93 0.00	26.75 -0.63 0.00	25.33 -0.67 0.00
GLENDALE_27_KV_LOAD 356172	28.83 1.48 0.00	29.98 1.39 0.00	32.64 1.35 0.00	30.05 1.30 0.00	28.54 1.23 0.00	32.58 1.57 0.00	35.96 2.28 0.00	33.37 2.59 0.00	30.08 2.13 0.00	27.24 1.99 0.00	27.02 1.86 0.00	27.06 1.68 0.00	24.75 1.21 -0.55	23.36 1.26 0.00	24.83 1.42 0.00	29.62 2.08 0.00	32.36 2.63 0.00	39.94 3.26 0.00	32.50 2.82 0.00	25.40 2.09 0.00	24.82 1.94 0.00	28.23 1.91 0.00	29.04 1.66 0.00	27.37 1.37 0.00
GLENWOOD_IC_1_G5 23712	29.23 1.87 -0.01	30.31 1.72 0.00	33.03 1.73 0.00	30.46 1.71 0.00	33.23 1.65 -4.27	59.36 2.03 -26.33	73.23 2.67 -36.88	70.07 2.79 -36.50	66.37 2.34 -36.08	36.17 2.20 -8.73	31.50 2.03 -4.30	27.26 1.85 -0.03	37.33 1.43 -12.92	36.69 1.45 -13.14	46.14 1.59 -21.15	70.78 2.26 -40.97	68.10 2.82 -35.55	136.57 3.55 -96.34	509.90 2.99 -477.24	143.19 2.31 -117.58	90.86 2.13 -65.84	43.65 2.18 -15.16	29.35 1.96 -0.01	27.66 1.66 0.00
GLENWOOD_IC_2_G1 23688	29.02 1.66 0.00	30.13 1.54 0.00	32.83 1.54 0.00	30.25 1.51 0.00	28.84 1.44 -0.09	33.40 1.81 -0.59	37.03 2.45 -0.90	34.48 2.67 -1.03	31.35 2.19 -1.20	27.55 2.01 -0.28	27.14 1.84 -0.14	27.05 1.67 0.00	25.23 1.26 -0.99	23.94 1.28 -0.55	25.61 1.48 -0.74	31.11 2.12 -1.45	33.74 2.67 -1.35	61.32 3.38 -21.27	214.70 2.82 -182.20	29.97 2.13 -4.53	27.60 1.96 -2.75	28.85 2.00 -0.54	29.16 1.77 0.00	27.50 1.50 0.00
GLENWOOD_IC_3_G1 23689	29.02 1.66 0.00	30.13 1.54 0.00	32.83 1.54 0.00	30.25 1.51 0.00	28.84 1.44 -0.09	33.40 1.81 -0.59	37.03 2.45 -0.90	34.48 2.67 -1.03	31.35 2.19 -1.20	27.55 2.01 -0.28	27.14 1.84 -0.14	27.05 1.67 0.00	25.23 1.26 -0.99	23.94 1.28 -0.55	25.61 1.48 -0.74	31.11 2.12 -1.45	33.74 2.67 -1.35	61.32 3.38 -21.27	214.70 2.82 -182.20	29.97 2.13 -4.53	27.60 1.96 -2.75	28.85 2.00 -0.54	29.16 1.77 0.00	27.50 1.50 0.00
GLENWOOD___4 23550	29.23 1.87 -0.01	30.31 1.72 0.00	33.03 1.73 0.00	30.46 1.71 0.00	33.23 1.65 -4.27	59.36 2.03 -26.33	73.23 2.67 -36.88	70.11 2.84 -36.50	66.39 2.37 -36.08	36.17 2.20 -8.73	31.50 2.03 -4.30	27.26 1.85 -0.03	37.33 1.43 -12.92	36.69 1.45 -13.14	46.16 1.61 -21.15	70.80 2.29 -40.97	68.14 2.85 -35.55	136.62 3.60 -96.34	509.94 3.02 -477.24	143.19 2.31 -117.58	90.86 2.13 -65.84	43.65 2.18 -15.16	29.35 1.96 -0.01	27.66 1.66 0.00
GLENWOOD___5 23614	29.23 1.87 -0.01	30.31 1.72 0.00	33.03 1.73 0.00	30.46 1.71 0.00	33.23 1.65 -4.27	59.36 2.03 -26.33	73.23 2.67 -36.88	70.11 2.84 -36.50	66.39 2.37 -36.08	36.17 2.20 -8.73	31.50 2.03 -4.30	27.26 1.85 -0.03	37.33 1.43 -12.92	36.69 1.45 -13.14	46.16 1.61 -21.15	70.80 2.29 -40.97	68.14 2.85 -35.55	136.62 3.60 -96.34	509.94 3.02 -477.24	143.19 2.31 -117.58	90.86 2.13 -65.84	43.65 2.18 -15.16	29.35 1.96 -0.01	27.66 1.66 0.00
GLOBAL GREEN_PORT_GT1 23814	31.02 3.66 -0.01	32.08 3.49 0.00	34.93 3.64 0.00	32.24 3.49 0.00	36.72 3.36 -6.05	72.36 4.09 -37.27	87.59 5.00 -48.91	79.09 5.14 -43.17	67.11 4.25 -34.91	37.69 3.72 -8.72	32.90 3.44 -4.30	28.54 3.14 -0.03	37.07 2.63 -11.45	33.00 2.64 -8.26	45.63 3.03 -19.20	68.12 4.12 -36.46	62.58 5.02 -27.84	109.55 6.29 -66.58	388.60 4.91 -354.02	116.64 3.82 -89.51	67.58 3.52 -41.18	43.51 3.73 -13.47	30.91 3.52 -0.01	29.08 3.08 0.00
GLOBE___DSASP 323697	25.24 -2.11 0.00	25.98 -2.61 0.00	28.31 -2.98 0.00	25.86 -2.88 0.00	24.56 -2.75 0.00	28.04 -2.96 0.00	30.37 -3.31 0.00	27.05 -3.73 0.00	24.53 -3.42 0.00	22.06 -3.19 0.00	22.15 -3.01 0.00	22.35 -3.02 0.00	20.26 -2.73 0.00	19.57 -2.53 0.00	21.00 -2.40 0.00	24.63 -2.92 0.00	26.29 -3.44 0.00	32.09 -4.59 0.00	25.78 -3.90 0.00	20.24 -3.07 0.00	19.67 -3.14 0.07	22.32 -3.77 0.23	23.75 -3.64 0.00	22.80 -3.11 0.09
GOETHSLN___LBMP 323567	28.59 1.24 0.00	29.76 1.18 0.00	32.43 1.14 0.00	29.85 1.10 0.00	28.35 1.04 0.00	32.31 1.31 0.00	35.64 1.96 0.00	33.05 2.27 0.00	29.77 1.83 0.00	26.95 1.71 0.00	26.72 1.56 0.00	26.77 1.39 0.00	24.52 0.98 -0.55	23.15 1.04 0.00	24.59 1.19 0.00	29.35 1.81 0.00	32.07 2.34 0.00	39.63 2.95 0.00	32.17 2.50 0.00	25.17 1.86 0.00	24.60 1.72 0.00	28.00 1.69 0.00	28.81 1.42 0.00	27.14 1.14 0.00
GOLAH___69_KV_TB 1_2 80279	26.55 -0.80 0.00	27.45 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.49 -1.29 0.00	26.68 -1.27 0.00	24.01 -1.24 0.00	24.04 -1.12 0.00	24.21 -1.17 0.00	21.77 -1.22 0.00	20.95 -1.15 0.00	22.38 -1.02 0.00	26.49 -1.05 0.00	28.50 -1.23 0.00	35.01 -1.67 0.00	28.16 -1.51 0.00	22.05 -1.26 0.00	21.45 -1.39 0.05	24.55 -1.73 0.04	25.63 -1.75 0.00	24.45 -1.48 0.07
GOODYEAR_LAKE_HYD 323669	28.36 1.01 0.00	29.50 0.91 0.00	32.26 0.97 0.00	29.64 0.89 0.00	28.16 0.86 0.00	32.12 1.11 0.00	35.07 1.39 0.00	32.24 1.46 0.00	29.12 1.17 0.00	26.28 1.04 0.00	26.10 0.94 0.00	26.23 0.86 0.00	23.59 0.61 0.00	22.65 0.55 0.00	24.02 0.62 0.00	28.47 0.92 0.00	30.94 1.21 0.00	38.21 1.53 0.00	30.85 1.18 0.00	24.16 0.85 0.00	23.61 0.72 0.00	27.05 0.74 0.00	28.08 0.70 0.00	26.62 0.62 0.00

GOUDEY___1 345031	27.32 -0.03 0.00	28.35 -0.24 0.00	31.05 -0.24 0.00	28.51 -0.24 0.00	27.08 -0.22 0.00	30.86 -0.15 0.00	33.74 0.06 0.00	30.96 0.18 0.00	27.89 -0.06 0.00	25.18 -0.07 0.00	25.07 -0.09 0.00	25.20 -0.17 0.00	22.65 -0.33 0.00	21.81 -0.29 0.00	23.16 -0.23 0.00	27.49 -0.05 0.00	29.79 0.06 0.00	36.82 0.14 0.00	29.68 0.00 0.00	23.24 -0.07 0.00	22.71 -0.18 0.00	26.01 -0.30 0.00	26.95 -0.43 0.00	25.63 -0.37 0.00
GOUDEY___7 23579	27.34 -0.01 0.00	28.38 -0.21 0.00	31.08 -0.21 0.00	28.53 -0.21 0.00	27.10 -0.21 0.00	30.88 -0.12 0.00	33.77 0.09 0.00	30.99 0.21 0.00	27.91 -0.05 0.00	25.20 -0.04 0.00	25.09 -0.07 0.00	25.22 -0.15 0.00	22.67 -0.31 0.00	21.83 -0.27 0.00	23.18 -0.21 0.00	27.52 -0.02 0.00	29.82 0.09 0.00	36.85 0.17 0.00	29.71 0.03 0.00	23.26 -0.05 0.00	22.73 -0.15 0.00	26.03 -0.28 0.00	26.98 -0.41 0.00	25.65 -0.35 0.00
GOUDEY___8 23580	27.32 -0.03 0.00	28.35 -0.24 0.00	31.05 -0.24 0.00	28.51 -0.24 0.00	27.08 -0.22 0.00	30.86 -0.15 0.00	33.74 0.06 0.00	30.96 0.18 0.00	27.89 -0.06 0.00	25.18 -0.07 0.00	25.07 -0.09 0.00	25.20 -0.17 0.00	22.65 -0.33 0.00	21.81 -0.29 0.00	23.16 -0.23 0.00	27.49 -0.05 0.00	29.79 0.06 0.00	36.82 0.14 0.00	29.68 0.00 0.00	23.24 -0.07 0.00	22.71 -0.18 0.00	26.01 -0.30 0.00	26.95 -0.43 0.00	25.63 -0.37 0.00
GOWANUS_GT1_1 24077	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT1_2 24078	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT1_3 24079	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT1_4 24080	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT1_5 24084	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT1_6 24111	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT1_7 24112	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT1_8 24113	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT2_1 24114	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT2_2 24115	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT2_3 24116	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT2_4 24117	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00

GOWANUS_GT2_5 24118	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT2_6 24119	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT2_7 24120	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT2_8 24121	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_1 24122	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_2 24123	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_3 24124	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_4 24125	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_5 24126	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_6 24127	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_7 24128	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT3_8 24129	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT4_1 24130	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT4_2 24131	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT4_3 24132	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00

GOWANUS_GT4_4 24133	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT4_5 24134	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT4_6 24135	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT4_7 24136	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GOWANUS_GT4_8 24137	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GREENBSH_115KV_TB3 55895	28.03 0.68 0.00	29.20 0.61 0.00	31.92 0.62 0.00	29.35 0.61 0.00	27.88 0.58 0.00	31.75 0.75 0.00	34.72 1.04 0.00	31.94 1.16 0.00	28.90 0.95 0.00	26.08 0.83 0.00	25.78 0.62 0.00	25.90 0.52 0.00	23.33 0.34 0.00	22.50 0.40 0.00	23.87 0.47 0.00	28.26 0.72 0.00	30.72 0.99 0.00	38.16 1.48 0.00	30.97 1.29 0.00	24.42 1.11 0.00	23.95 1.07 0.00	27.29 0.97 0.00	28.19 0.81 0.00	26.72 0.72 0.00
GREENDGE_115KV_TB5 80291	27.26 -0.09 0.00	28.14 -0.45 0.00	30.81 -0.49 0.00	28.25 -0.50 0.00	26.83 -0.48 0.00	30.58 -0.42 0.00	33.39 -0.29 0.00	30.40 -0.38 0.00	27.38 -0.56 0.00	24.87 -0.38 0.00	24.78 -0.37 0.00	24.89 -0.49 0.00	22.35 -0.63 0.00	21.47 -0.63 0.00	22.89 -0.51 0.00	27.14 -0.40 0.00	29.30 -0.43 0.00	35.91 -0.77 0.00	29.09 -0.59 0.00	22.78 -0.53 0.00	21.92 -0.69 0.27	25.86 -0.89 -0.43	26.35 -1.04 0.00	24.88 -0.75 0.37
GREENIDGE___3 23582	27.26 -0.09 0.00	28.14 -0.45 0.00	30.81 -0.49 0.00	28.25 -0.50 0.00	26.83 -0.48 0.00	30.58 -0.42 0.00	33.39 -0.29 0.00	30.40 -0.38 0.00	27.38 -0.56 0.00	24.87 -0.38 0.00	24.78 -0.37 0.00	24.89 -0.49 0.00	22.35 -0.63 0.00	21.47 -0.63 0.00	22.89 -0.51 0.00	27.14 -0.40 0.00	29.30 -0.43 0.00	35.91 -0.77 0.00	29.09 -0.59 0.00	22.78 -0.53 0.00	21.92 -0.69 0.27	25.86 -0.89 -0.43	26.35 -1.04 0.00	24.88 -0.75 0.37
GREENIDGE___4 23583	27.36 -0.09 -0.10	28.17 -0.45 -0.03	30.81 -0.49 0.00	28.25 -0.50 0.00	26.85 -0.45 0.00	30.58 -0.44 -0.02	33.38 -0.32 -0.02	30.38 -0.40 0.00	27.49 -0.57 -0.11	25.01 -0.38 -0.14	24.79 -0.37 -0.01	24.89 -0.49 0.00	22.70 -0.63 -0.34	21.50 -0.63 -0.03	22.91 -0.51 -0.03	27.14 -0.40 0.00	29.30 -0.43 0.00	35.91 -0.77 0.00	29.09 -0.59 0.00	22.78 -0.53 0.00	21.97 -0.69 0.23	25.86 -0.89 -0.43	26.35 -1.04 0.00	25.16 -0.75 0.09
GREENLWN_69_KV_BK 3 55738	29.85 2.50 -0.01	30.72 2.13 0.00	33.42 2.13 0.00	30.86 2.11 0.00	35.23 2.11 -5.81	69.48 2.69 -35.78	84.29 3.32 -47.29	76.38 3.31 -42.29	65.69 2.63 -35.10	36.45 2.47 -8.73	31.85 2.39 -4.30	27.56 2.16 -0.03	36.29 1.63 -11.67	32.58 1.53 -8.94	44.94 2.05 -19.49	67.17 2.50 -37.12	61.65 2.97 -28.94	110.30 3.64 -69.99	390.74 3.16 -357.91	116.07 2.35 -90.40	67.01 2.16 -41.97	42.06 2.22 -13.52	29.46 2.08 -0.01	27.79 1.79 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
GRISSOM___SOLAR 323813	30.08 2.73 0.00	31.33 2.74 0.00	34.29 2.99 0.00	31.49 2.74 0.00	29.92 2.62 0.00	34.13 3.12 0.00	37.32 3.64 0.00	34.19 3.41 0.00	30.97 3.02 0.00	27.99 2.74 0.00	27.60 2.44 0.00	27.15 1.78 0.00	24.53 1.55 0.00	23.50 1.40 0.00	24.91 1.51 0.00	30.17 2.63 0.00	32.96 3.23 0.00	40.72 4.04 0.00	32.86 3.18 0.00	25.72 2.42 0.00	25.15 2.27 0.00	28.86 2.54 0.00	30.05 2.67 0.00	28.41 2.42 0.00
GROVEVILLE___HYD 323602	28.96 1.61 0.00	30.11 1.52 0.00	32.87 1.58 0.00	30.25 1.51 0.00	28.76 1.45 0.00	32.79 1.79 0.00	36.08 2.40 0.00	33.40 2.62 0.00	30.10 2.15 0.00	27.17 1.92 0.00	26.84 1.69 0.00	26.92 1.54 0.00	24.14 1.15 0.00	23.29 1.19 0.00	24.77 1.37 0.00	29.56 2.02 0.00	32.29 2.56 0.00	39.95 3.28 0.00	32.41 2.74 0.00	25.39 2.08 0.00	24.82 1.94 0.00	28.28 1.96 0.00	29.12 1.73 0.00	27.47 1.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.93 -0.42 0.00	28.01 -0.58 0.00	30.63 -0.66 0.00	28.13 -0.62 0.00	26.74 -0.56 0.00	30.48 -0.52 0.00	33.31 -0.37 0.00	30.50 -0.28 0.00	27.58 -0.37 0.00	24.94 -0.31 0.00	24.83 -0.32 0.00	24.98 -0.40 0.00	22.54 -0.45 0.00	21.66 -0.44 0.00	22.94 -0.46 0.00	27.15 -0.39 0.00	29.39 -0.34 0.00	36.29 -0.39 0.00	29.32 -0.36 0.00	22.97 -0.34 0.00	22.46 -0.42 0.00	25.76 -0.56 0.00	26.80 -0.58 0.00	25.57 -0.42 0.00
HAMLTNNY_34_KV_TB 80303	27.01 -0.34 0.00	28.06 -0.53 0.00	30.69 -0.60 0.00	28.19 -0.56 0.00	26.77 -0.53 0.00	30.56 -0.45 0.00	33.41 -0.27 0.00	30.56 -0.22 0.00	27.63 -0.32 0.00	24.96 -0.29 0.00	24.87 -0.29 0.00	25.01 -0.36 0.00	22.56 -0.43 0.00	21.67 -0.43 0.00	22.97 -0.42 0.00	27.20 -0.34 0.00	29.43 -0.30 0.00	36.35 -0.33 0.00	29.38 -0.30 0.00	22.99 -0.32 0.00	22.48 -0.40 0.00	25.77 -0.54 0.00	26.77 -0.61 0.00	25.56 -0.43 0.00

HAMPSHIRE___PAPER_HYD 323593	27.48 0.13 0.00	28.76 0.18 0.00	31.52 0.22 0.00	28.93 0.17 0.00	27.40 0.09 0.00	30.93 -0.08 0.00	33.49 -0.19 0.00	30.55 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.18 0.00	25.10 -0.06 0.00	25.36 -0.01 0.00	22.96 -0.02 0.00	21.93 -0.17 0.00	23.00 -0.40 0.00	26.86 -0.68 0.00	28.88 -0.85 0.00	35.61 -1.06 0.00	28.53 -1.15 0.00	22.40 -0.90 0.00	22.10 -0.79 0.00	25.61 -0.71 0.00	26.98 -0.40 0.00	25.62 -0.38 0.00
HARDSCRABBLE_WT_PWR 323673	27.76 0.41 0.00	28.90 0.31 0.00	31.59 0.29 0.00	29.08 0.33 0.00	27.64 0.33 0.00	31.56 0.56 0.00	34.65 0.97 0.00	32.03 1.25 0.00	28.92 0.97 0.00	26.04 0.79 0.00	25.68 0.53 0.00	25.63 0.26 0.00	22.98 0.00 0.00	22.11 0.01 0.00	23.33 -0.07 0.00	27.76 0.21 0.00	30.18 0.45 0.00	37.36 0.68 0.00	30.25 0.58 0.00	23.86 0.55 0.00	23.43 0.55 0.00	26.80 0.49 0.00	27.75 0.37 0.00	26.20 0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.61 1.26 0.00	29.76 1.17 0.00	32.52 1.23 0.00	29.97 1.22 0.00	28.48 1.17 0.00	32.46 1.46 0.00	35.69 2.02 0.00	33.05 2.27 0.00	29.79 1.84 0.00	26.91 1.66 0.00	26.63 1.48 0.00	26.71 1.34 0.00	23.21 0.95 0.71	23.08 0.98 0.00	24.55 1.15 0.00	29.31 1.77 0.00	32.02 2.29 0.00	39.62 2.94 0.00	32.10 2.43 0.00	25.14 1.82 0.00	24.57 1.69 0.00	28.00 1.69 0.00	28.84 1.46 0.00	27.23 1.23 0.00
HARSNRAD_115KV_TB1 81005	25.75 -1.60 0.00	26.51 -2.08 0.00	28.91 -2.38 0.00	26.41 -2.34 0.00	25.07 -2.24 0.00	28.64 -2.37 0.00	31.12 -2.56 0.00	27.90 -2.88 0.00	25.25 -2.70 0.00	22.68 -2.57 0.00	22.82 -2.34 0.00	23.00 -2.38 0.00	20.77 -2.21 0.00	20.10 -2.00 0.00	21.56 -1.84 0.00	25.34 -2.20 0.00	27.09 -2.64 0.00	33.10 -3.57 0.00	26.57 -3.11 0.00	20.82 -2.49 0.00	20.21 -2.61 0.07	22.95 -3.14 0.22	24.24 -3.14 0.00	23.21 -2.69 0.09
HARZA MOOSE___RIVER 24016	27.88 0.53 0.00	29.10 0.51 0.00	31.86 0.56 0.00	29.27 0.52 0.00	27.81 0.50 0.00	31.66 0.66 0.00	34.59 0.91 0.00	31.69 0.91 0.00	28.73 0.78 0.00	25.89 0.64 0.00	25.69 0.53 0.00	25.79 0.41 0.00	23.27 0.29 0.00	22.18 0.08 0.00	23.36 -0.04 0.00	27.51 -0.04 0.00	29.75 0.02 0.00	36.82 0.14 0.00	29.51 -0.17 0.00	23.17 -0.14 0.00	22.71 -0.17 0.00	26.12 -0.20 0.00	27.40 0.02 0.00	25.95 -0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.67 -0.68 0.00	27.74 -0.84 0.00	30.34 -0.96 0.00	27.86 -0.89 0.00	26.49 -0.81 0.00	30.17 -0.83 0.00	32.96 -0.72 0.00	30.19 -0.59 0.00	27.31 -0.64 0.00	24.68 -0.57 0.00	24.59 -0.57 0.00	24.74 -0.63 0.00	22.32 -0.66 0.00	21.47 -0.63 0.00	22.73 -0.67 0.00	26.89 -0.65 0.00	29.12 -0.61 0.00	35.95 -0.73 0.00	29.03 -0.64 0.00	22.75 -0.56 0.00	22.25 -0.63 0.00	25.54 -0.77 0.00	26.61 -0.77 0.00	25.40 -0.60 0.00
HELLGATE_13_KV_LD 55870	28.70 1.35 0.00	29.84 1.25 0.00	32.49 1.20 0.00	29.92 1.17 0.00	28.41 1.11 0.00	32.43 1.43 0.00	35.79 2.11 0.00	33.21 2.44 0.00	29.94 1.99 0.00	27.12 1.87 0.00	26.90 1.75 0.00	26.93 1.56 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.30 0.00	29.47 1.93 0.00	32.18 2.45 0.00	39.74 3.06 0.00	32.33 2.66 0.00	25.28 1.97 0.00	24.71 1.82 0.00	28.10 1.78 0.00	28.90 1.52 0.00	27.24 1.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.70 1.35 0.00	29.84 1.25 0.00	32.49 1.20 0.00	29.92 1.17 0.00	28.41 1.11 0.00	32.43 1.43 0.00	35.79 2.11 0.00	33.21 2.44 0.00	29.94 1.99 0.00	27.12 1.87 0.00	26.90 1.75 0.00	26.93 1.56 0.00	24.64 1.10 -0.55	23.25 1.14 0.00	24.70 1.30 0.00	29.47 1.93 0.00	32.18 2.45 0.00	39.74 3.06 0.00	32.33 2.66 0.00	25.28 1.97 0.00	24.71 1.82 0.00	28.10 1.78 0.00	28.90 1.52 0.00	27.24 1.25 0.00
HEMPSTEAD____ 23647	29.28 1.92 -0.01	30.34 1.75 0.00	33.06 1.77 0.00	30.54 1.79 0.00	33.89 1.69 -4.89	63.25 2.12 -30.12	77.51 2.76 -41.07	72.59 2.96 -38.85	66.12 2.44 -35.73	36.22 2.23 -8.74	31.53 2.06 -4.31	27.27 1.86 -0.03	36.90 1.48 -12.44	35.07 1.49 -11.48	45.63 1.72 -20.52	69.41 2.38 -39.49	65.66 2.95 -32.98	126.79 3.73 -86.38	469.36 3.13 -436.55	134.07 2.35 -108.41	82.83 2.16 -57.78	43.15 2.22 -14.62	29.42 2.02 -0.01	27.73 1.73 0.00
HEWLETT__69_KV_BK3 55828	29.49 2.13 -0.01	30.55 1.97 0.00	33.31 2.02 0.00	30.78 2.02 0.00	34.80 1.95 -5.55	67.53 2.37 -34.16	82.98 3.02 -46.27	77.28 3.24 -43.27	69.66 2.69 -39.02	37.29 2.46 -9.57	32.18 2.30 -4.72	27.52 2.10 -0.04	38.07 1.67 -13.42	35.85 1.69 -12.06	47.57 1.90 -22.27	73.02 2.66 -42.82	68.35 3.15 -35.48	131.25 3.95 -90.62	487.76 3.27 -454.81	143.06 2.45 -117.29	87.64 2.33 -62.43	44.70 2.46 -15.92	29.66 2.27 -0.01	27.95 1.95 0.00
HICKLING___1 23621	27.13 -0.23 0.00	28.03 -0.56 0.00	30.78 -0.51 0.00	28.23 -0.52 0.00	26.80 -0.51 0.00	30.53 -0.47 0.00	33.36 -0.33 0.00	30.52 -0.26 0.00	27.31 -0.64 0.00	24.63 -0.62 0.00	24.62 -0.54 0.00	24.81 -0.57 0.00	22.18 -0.81 0.00	21.41 -0.69 0.00	22.85 -0.55 0.00	27.15 -0.39 0.00	29.27 -0.46 0.00	36.10 -0.58 0.00	28.93 -0.74 0.00	22.56 -0.75 0.00	21.78 -0.88 0.23	25.34 -1.10 -0.12	26.10 -1.28 0.00	24.54 -1.15 0.31
HICKLING___2 23622	27.13 -0.23 0.00	28.03 -0.56 0.00	30.78 -0.51 0.00	28.23 -0.52 0.00	26.80 -0.51 0.00	30.53 -0.47 0.00	33.36 -0.33 0.00	30.52 -0.26 0.00	27.31 -0.64 0.00	24.63 -0.62 0.00	24.62 -0.54 0.00	24.81 -0.57 0.00	22.18 -0.81 0.00	21.41 -0.69 0.00	22.85 -0.55 0.00	27.15 -0.39 0.00	29.27 -0.46 0.00	36.10 -0.58 0.00	28.93 -0.74 0.00	22.56 -0.75 0.00	21.78 -0.88 0.23	25.34 -1.10 -0.12	26.10 -1.28 0.00	24.54 -1.15 0.31
HIGH FALLS___HY 23754	28.83 1.47 0.00	29.95 1.36 0.00	32.69 1.40 0.00	30.09 1.35 0.00	28.60 1.30 0.00	32.64 1.64 0.00	35.92 2.23 0.00	33.27 2.50 0.00	29.95 2.00 0.00	27.00 1.75 0.00	26.63 1.47 0.00	26.72 1.34 0.00	23.97 0.99 0.00	23.09 0.99 0.00	24.67 1.28 0.00	29.50 1.95 0.00	32.27 2.54 0.00	40.00 3.32 0.00	32.46 2.78 0.00	25.38 2.07 0.00	24.81 1.93 0.00	28.29 1.97 0.00	29.14 1.75 0.00	27.49 1.49 0.00
HILLBURN___GT 23639	28.50 1.15 0.00	29.68 1.09 0.00	32.45 1.15 0.00	29.91 1.16 0.00	28.42 1.11 0.00	32.40 1.40 0.00	35.66 1.98 0.00	33.04 2.27 0.00	29.76 1.81 0.00	26.89 1.64 0.00	26.62 1.46 0.00	26.68 1.30 0.00	23.06 0.90 0.82	23.04 0.94 0.00	24.50 1.10 0.00	29.27 1.72 0.00	31.99 2.26 0.00	39.58 2.91 0.00	32.09 2.41 0.00	25.12 1.81 0.00	24.55 1.67 0.00	27.98 1.66 0.00	28.81 1.42 0.00	27.19 1.19 0.00
HILLSIDE_115KV_TB1 80332	26.76 -0.59 0.00	27.65 -0.94 0.00	30.39 -0.90 0.00	27.86 -0.88 0.00	26.43 -0.88 0.00	30.13 -0.88 0.00	32.94 -0.74 0.00	30.21 -0.57 0.00	27.01 -0.94 0.00	24.39 -0.85 0.00	24.38 -0.77 0.00	24.58 -0.80 0.00	21.97 -1.01 0.00	21.24 -0.86 0.00	22.65 -0.75 0.00	26.90 -0.64 0.00	29.01 -0.72 0.00	35.88 -0.80 0.00	28.77 -0.90 0.00	22.45 -0.86 0.00	21.72 -0.97 0.19	25.22 -1.18 -0.08	26.00 -1.38 0.00	24.46 -1.27 0.26

HISHELDN_WT_PWR 323625	25.96 -1.09 0.30	26.98 -1.53 0.08	29.63 -1.66 0.00	27.12 -1.64 0.00	25.75 -1.56 0.00	29.20 -1.75 0.06	31.67 -1.95 0.06	28.63 -2.15 0.00	25.44 -2.16 0.35	22.76 -2.07 0.42	23.26 -1.87 0.03	23.49 -1.89 0.00	20.11 -1.82 1.06	20.36 -1.65 0.09	21.89 -1.43 0.08	25.97 -1.58 0.00	27.77 -1.96 0.00	33.97 -2.71 0.00	27.13 -2.55 0.00	21.12 -2.19 0.00	20.30 -2.34 0.24	22.85 -2.79 0.67	24.52 -2.87 0.00	22.58 -2.45 0.98
HOLTSVILLE_IC_1 23690	29.98 2.62 -0.01	31.02 2.43 0.00	33.78 2.48 0.00	31.17 2.42 0.00	35.70 2.33 -6.06	71.19 2.87 -37.32	86.23 3.58 -48.98	77.74 3.76 -43.20	65.93 3.08 -34.90	36.77 2.80 -8.72	32.06 2.61 -4.30	27.76 2.36 -0.03	36.38 1.95 -11.45	32.27 1.93 -8.23	44.84 2.25 -19.19	67.03 3.05 -36.43	61.24 3.72 -27.80	107.71 4.59 -66.44	387.04 3.64 -353.72	115.56 2.81 -89.44	66.61 2.60 -41.12	42.51 2.73 -13.47	29.94 2.55 -0.01	28.23 2.24 0.00
HOLTSVILLE_IC_10 23699	30.18 2.82 -0.01	31.22 2.63 0.00	33.98 2.69 0.00	31.36 2.61 0.00	35.85 2.52 -6.03	71.21 3.10 -37.11	86.27 3.84 -48.74	77.86 4.01 -43.08	66.17 3.30 -34.92	36.95 2.98 -8.72	32.23 2.77 -4.30	27.93 2.52 -0.03	36.55 2.09 -11.48	32.50 2.07 -8.33	45.03 2.41 -19.23	67.33 3.26 -36.52	61.65 3.97 -27.95	108.57 4.93 -66.96	388.55 3.92 -354.96	116.05 3.01 -89.73	67.03 2.78 -41.37	42.71 2.92 -13.48	30.13 2.74 -0.01	28.39 2.39 0.00
HOLTSVILLE_IC_2 23691	29.98 2.62 -0.01	31.02 2.43 0.00	33.78 2.48 0.00	31.17 2.42 0.00	35.70 2.33 -6.06	71.19 2.87 -37.32	86.23 3.58 -48.98	77.74 3.76 -43.20	65.93 3.08 -34.90	36.77 2.80 -8.72	32.06 2.61 -4.30	27.76 2.36 -0.03	36.38 1.95 -11.45	32.27 1.93 -8.23	44.84 2.25 -19.19	67.03 3.05 -36.43	61.24 3.72 -27.80	107.71 4.59 -66.44	387.04 3.64 -353.72	115.56 2.81 -89.44	66.61 2.60 -41.12	42.51 2.73 -13.47	29.94 2.55 -0.01	28.23 2.24 0.00
HOLTSVILLE_IC_3 23692	29.98 2.62 -0.01	31.02 2.43 0.00	33.78 2.48 0.00	31.17 2.42 0.00	35.70 2.33 -6.06	71.19 2.87 -37.32	86.23 3.58 -48.98	77.74 3.76 -43.20	65.93 3.08 -34.90	36.77 2.80 -8.72	32.06 2.61 -4.30	27.76 2.36 -0.03	36.38 1.95 -11.45	32.27 1.93 -8.23	44.84 2.25 -19.19	67.03 3.05 -36.43	61.24 3.72 -27.80	107.71 4.59 -66.44	387.04 3.64 -353.72	115.56 2.81 -89.44	66.61 2.60 -41.12	42.51 2.73 -13.47	29.94 2.55 -0.01	28.23 2.24 0.00
HOLTSVILLE_IC_4 23693	29.98 2.62 -0.01	31.02 2.43 0.00	33.78 2.48 0.00	31.17 2.42 0.00	35.70 2.33 -6.06	71.19 2.87 -37.32	86.23 3.58 -48.98	77.74 3.76 -43.20	65.93 3.08 -34.90	36.77 2.80 -8.72	32.06 2.61 -4.30	27.76 2.36 -0.03	36.38 1.95 -11.45	32.27 1.93 -8.23	44.84 2.25 -19.19	67.03 3.05 -36.43	61.24 3.72 -27.80	107.71 4.59 -66.44	387.04 3.64 -353.72	115.56 2.81 -89.44	66.61 2.60 -41.12	42.51 2.73 -13.47	29.94 2.55 -0.01	28.23 2.24 0.00
HOLTSVILLE_IC_5 23694	29.98 2.62 -0.01	31.02 2.43 0.00	33.78 2.48 0.00	31.17 2.42 0.00	35.70 2.33 -6.06	71.19 2.87 -37.32	86.23 3.58 -48.98	77.74 3.76 -43.20	65.93 3.08 -34.90	36.77 2.80 -8.72	32.06 2.61 -4.30	27.76 2.36 -0.03	36.38 1.95 -11.45	32.27 1.93 -8.23	44.84 2.25 -19.19	67.03 3.05 -36.43	61.24 3.72 -27.80	107.71 4.59 -66.44	387.04 3.64 -353.72	115.56 2.81 -89.44	66.61 2.60 -41.12	42.51 2.73 -13.47	29.94 2.55 -0.01	28.23 2.24 0.00
HOLTSVILLE_IC_6 23695	30.18 2.82 -0.01	31.22 2.63 0.00	33.98 2.69 0.00	31.36 2.61 0.00	35.85 2.52 -6.03	71.21 3.10 -37.11	86.27 3.84 -48.74	77.86 4.01 -43.08	66.17 3.30 -34.92	36.95 2.98 -8.72	32.23 2.77 -4.30	27.93 2.52 -0.03	36.55 2.09 -11.48	32.50 2.07 -8.33	45.03 2.41 -19.23	67.33 3.26 -36.52	61.65 3.97 -27.95	108.57 4.93 -66.96	388.55 3.92 -354.96	116.05 3.01 -89.73	67.03 2.78 -41.37	42.71 2.92 -13.48	30.13 2.74 -0.01	28.39 2.39 0.00
HOLTSVILLE_IC_7 23696	30.18 2.82 -0.01	31.22 2.63 0.00	33.98 2.69 0.00	31.36 2.61 0.00	35.85 2.52 -6.03	71.21 3.10 -37.11	86.27 3.84 -48.74	77.86 4.01 -43.08	66.17 3.30 -34.92	36.95 2.98 -8.72	32.23 2.77 -4.30	27.93 2.52 -0.03	36.55 2.09 -11.48	32.50 2.07 -8.33	45.03 2.41 -19.23	67.33 3.26 -36.52	61.65 3.97 -27.95	108.57 4.93 -66.96	388.55 3.92 -354.96	116.05 3.01 -89.73	67.03 2.78 -41.37	42.71 2.92 -13.48	30.13 2.74 -0.01	28.39 2.39 0.00
HOLTSVILLE_IC_8 23697	30.18 2.82 -0.01	31.22 2.63 0.00	33.98 2.69 0.00	31.36 2.61 0.00	35.85 2.52 -6.03	71.21 3.10 -37.11	86.27 3.84 -48.74	77.86 4.01 -43.08	66.17 3.30 -34.92	36.95 2.98 -8.72	32.23 2.77 -4.30	27.93 2.52 -0.03	36.55 2.09 -11.48	32.50 2.07 -8.33	45.03 2.41 -19.23	67.33 3.26 -36.52	61.65 3.97 -27.95	108.57 4.93 -66.96	388.55 3.92 -354.96	116.05 3.01 -89.73	67.03 2.78 -41.37	42.71 2.92 -13.48	30.13 2.74 -0.01	28.39 2.39 0.00
HOLTSVILLE_IC_9 23698	30.18 2.82 -0.01	31.22 2.63 0.00	33.98 2.69 0.00	31.36 2.61 0.00	35.85 2.52 -6.03	71.21 3.10 -37.11	86.27 3.84 -48.74	77.86 4.01 -43.08	66.17 3.30 -34.92	36.95 2.98 -8.72	32.23 2.77 -4.30	27.93 2.52 -0.03	36.55 2.09 -11.48	32.50 2.07 -8.33	45.03 2.41 -19.23	67.33 3.26 -36.52	61.65 3.97 -27.95	108.57 4.93 -66.96	388.55 3.92 -354.96	116.05 3.01 -89.73	67.03 2.78 -41.37	42.71 2.92 -13.48	30.13 2.74 -0.01	28.39 2.39 0.00
HOMER_HL_115KV_TB2 355744	27.49 0.13 0.00	28.35 -0.24 0.00	31.02 -0.27 0.00	28.38 -0.37 0.00	26.79 -0.52 0.00	30.27 -0.73 0.00	33.06 -0.62 0.00	30.11 -0.67 0.00	27.05 -0.90 0.00	24.40 -0.85 0.00	24.62 -0.54 0.00	24.88 -0.50 0.00	22.45 -0.53 0.00	21.55 -0.55 0.00	23.15 -0.25 0.00	27.44 -0.10 0.00	29.47 -0.26 0.00	35.97 -0.71 0.00	28.81 -0.86 0.00	22.47 -0.84 0.00	21.81 -0.99 0.08	24.95 -1.11 0.26	26.23 -1.15 0.00	25.03 -0.85 0.11
HOWARD_WT_PWR 323690	27.12 -0.36 -0.13	27.91 -0.72 -0.04	30.62 -0.67 0.00	28.03 -0.71 0.00	26.60 -0.71 0.00	30.11 -0.92 -0.03	32.54 -1.16 -0.02	29.42 -1.36 0.00	26.60 -1.50 -0.15	23.94 -1.49 -0.18	23.87 -1.30 -0.01	23.99 -1.38 0.00	21.85 -1.59 -0.46	20.74 -1.40 -0.04	22.18 -1.26 -0.04	26.36 -1.18 0.00	27.95 -1.78 0.00	34.07 -2.61 0.00	27.24 -2.44 0.00	21.07 -2.23 0.00	20.33 -2.34 0.21	24.63 -2.71 -1.03	24.57 -2.82 0.00	23.54 -2.46 0.00
HQ_GEN_CEDARS 23644	27.83 0.48 0.00	29.20 0.62 0.00	32.03 0.73 0.00	29.38 0.63 0.00	27.83 0.52 0.00	31.37 0.36 0.00	33.76 0.08 0.00	30.63 -0.15 0.00	27.97 0.02 0.00	25.26 0.02 0.00	25.39 0.23 0.00	25.79 0.41 0.00	23.50 0.52 0.00	22.57 0.46 0.00	23.84 0.44 0.00	27.74 0.19 0.00	29.68 -0.05 0.00	36.41 -0.27 0.00	29.41 -0.26 0.00	23.13 -0.18 0.00	22.84 -0.04 0.00	26.49 0.17 0.00	27.73 0.34 0.00	26.31 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	27.83 0.48 0.00	29.21 0.62 0.00	32.03 0.73 0.00	29.38 0.62 0.00	27.83 0.52 0.00	31.37 0.37 0.00	37.94 0.08 -4.18	30.63 -0.15 0.00	27.97 0.02 0.00	25.26 0.02 0.00	26.86 0.23 -1.47	25.79 0.41 0.00	23.50 0.52 0.00	22.57 0.46 0.00	23.84 0.44 0.00	31.28 0.19 -3.55	29.68 -0.05 0.00	39.85 -0.27 -3.44	29.41 -0.26 0.00	23.13 -0.18 0.00	22.84 -0.05 0.00	26.49 0.17 0.00	31.63 0.35 -3.90	26.02 0.31 0.30

HQ_GEN_IMPORT 323601	27.46 0.10 0.00	28.83 0.24 0.00	31.62 0.33 0.00	29.02 0.28 0.00	27.53 0.23 0.00	31.15 0.15 0.00	33.58 -0.09 0.00	30.48 -0.30 0.00	27.82 -0.13 0.00	24.16 -0.11 0.98	31.02 0.00 -5.86	25.51 0.13 0.00	23.24 0.26 0.00	22.33 0.23 0.00	23.63 0.23 0.00	27.57 0.03 0.00	29.58 -0.15 0.00	36.37 -0.31 0.00	29.41 -0.26 0.00	23.12 -0.18 0.00	22.78 -0.10 0.00	26.37 0.06 0.00	27.70 0.15 -0.18	25.98 0.10 0.12
HQ_GEN_WHEEL 23651	27.46 0.10 0.00	28.83 0.24 0.00	31.62 0.33 0.00	29.02 0.28 0.00	27.53 0.23 0.00	31.15 0.15 0.00	33.58 -0.09 0.00	30.48 -0.30 0.00	27.82 -0.13 0.00	24.16 -0.11 0.98	31.02 0.00 -5.86	25.51 0.13 0.00	23.24 0.26 0.00	22.33 0.23 0.00	23.63 0.23 0.00	27.57 0.03 0.00	29.58 -0.15 0.00	36.37 -0.31 0.00	29.41 -0.26 0.00	23.12 -0.18 0.00	22.78 -0.10 0.00	26.37 0.06 0.00	27.70 0.15 -0.18	25.98 0.10 0.12
HUDSON AVE_GT_3 23810	28.80 1.45 0.00	29.95 1.37 0.00	32.64 1.34 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.53 1.53 0.00	35.90 2.22 0.00	33.27 2.49 0.00	29.99 2.04 0.00	27.15 1.91 0.00	26.93 1.77 0.00	26.97 1.60 0.00	24.71 1.17 -0.55	23.31 1.21 0.00	24.75 1.35 0.00	29.54 2.00 0.00	32.26 2.53 0.00	39.85 3.17 0.00	32.37 2.69 0.00	25.32 2.01 0.00	24.75 1.86 0.00	28.17 1.86 0.00	28.98 1.59 0.00	27.31 1.31 0.00
HUDSON AVE_GT_4 23540	28.80 1.45 0.00	29.95 1.37 0.00	32.64 1.34 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.53 1.53 0.00	35.90 2.22 0.00	33.27 2.49 0.00	29.99 2.04 0.00	27.15 1.91 0.00	26.93 1.77 0.00	26.97 1.60 0.00	24.71 1.17 -0.55	23.31 1.21 0.00	24.75 1.35 0.00	29.54 2.00 0.00	32.26 2.53 0.00	39.85 3.17 0.00	32.37 2.69 0.00	25.32 2.01 0.00	24.75 1.86 0.00	28.17 1.86 0.00	28.98 1.59 0.00	27.31 1.31 0.00
HUDSON AVE_GT_5 23657	28.80 1.45 0.00	29.95 1.37 0.00	32.64 1.34 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.53 1.53 0.00	35.90 2.22 0.00	33.27 2.49 0.00	29.99 2.04 0.00	27.15 1.91 0.00	26.93 1.77 0.00	26.97 1.60 0.00	24.71 1.17 -0.55	23.31 1.21 0.00	24.75 1.35 0.00	29.54 2.00 0.00	32.26 2.53 0.00	39.85 3.17 0.00	32.37 2.69 0.00	25.32 2.01 0.00	24.75 1.86 0.00	28.17 1.86 0.00	28.98 1.59 0.00	27.31 1.31 0.00
HUDSON_AVE_10 24168	28.68 1.33 0.00	29.82 1.23 0.00	32.48 1.19 0.00	29.90 1.15 0.00	28.40 1.09 0.00	32.39 1.38 0.00	35.76 2.08 0.00	33.13 2.35 0.00	29.84 1.89 0.00	27.02 1.77 0.00	26.81 1.65 0.00	26.85 1.47 0.00	24.58 1.04 -0.55	23.22 1.12 0.00	24.66 1.25 0.00	29.42 1.87 0.00	32.13 2.40 0.00	39.69 3.01 0.00	32.25 2.57 0.00	25.24 1.93 0.00	24.66 1.78 0.00	28.09 1.77 0.00	28.89 1.50 0.00	27.22 1.22 0.00
HUDSON___115KV_TB 4 355613	28.77 1.42 0.00	29.97 1.38 0.00	32.76 1.46 0.00	30.12 1.37 0.00	28.62 1.31 0.00	32.62 1.62 0.00	35.72 2.04 0.00	32.86 2.08 0.00	29.72 1.77 0.00	26.78 1.53 0.00	26.34 1.18 0.00	26.36 0.99 0.00	23.73 0.74 0.00	23.00 0.90 0.00	24.43 1.04 0.00	28.97 1.43 0.00	31.57 1.84 0.00	39.24 2.56 0.00	31.81 2.13 0.00	25.06 1.75 0.00	24.57 1.68 0.00	27.97 1.66 0.00	28.88 1.50 0.00	27.34 1.35 0.00
HUNTER MOUNT___DRP 323613	29.08 1.73 0.00	30.28 1.69 0.00	33.10 1.81 0.00	30.42 1.67 0.00	28.91 1.61 0.00	32.97 1.97 0.00	36.08 2.40 0.00	33.17 2.39 0.00	30.03 2.08 0.00	27.02 1.77 0.00	26.53 1.37 0.00	26.52 1.14 0.00	23.87 0.88 0.00	23.20 1.10 0.00	24.62 1.22 0.00	29.22 1.68 0.00	31.85 2.12 0.00	39.62 2.94 0.00	32.08 2.41 0.00	25.27 1.96 0.00	24.77 1.89 0.00	28.19 1.88 0.00	29.11 1.73 0.00	27.57 1.57 0.00
HUNTINGTON_RES_REC 323705	29.98 2.62 -0.01	30.91 2.32 0.00	33.62 2.33 0.00	31.04 2.29 0.00	35.50 2.22 -5.98	70.59 2.77 -36.82	85.46 3.33 -48.45	77.14 3.44 -42.93	66.11 2.86 -35.30	36.70 2.65 -8.80	32.01 2.53 -4.33	27.70 2.29 -0.03	36.35 1.76 -11.61	32.51 1.73 -8.68	44.83 2.02 -19.41	67.29 2.78 -36.97	61.64 3.36 -28.55	109.50 4.16 -68.65	388.82 3.48 -355.66	115.83 2.63 -89.89	66.80 2.40 -41.51	42.31 2.50 -13.49	29.72 2.33 -0.01	28.03 2.04 0.00
HUNTLEY___63 23557	26.02 -1.33 0.00	26.78 -1.81 0.00	29.22 -2.07 0.00	26.68 -2.07 0.00	25.32 -1.98 0.00	28.95 -2.05 0.00	31.45 -2.23 0.00	28.17 -2.60 0.00	25.49 -2.46 0.00	22.92 -2.33 0.00	23.05 -2.11 0.00	23.22 -2.15 0.00	20.99 -1.99 0.00	20.30 -1.80 0.00	21.78 -1.62 0.00	25.59 -1.95 0.00	27.36 -2.37 0.00	33.44 -3.24 0.00	26.83 -2.85 0.00	21.03 -2.28 0.00	20.40 -2.41 0.07	23.15 -2.92 0.25	24.50 -2.89 0.00	23.44 -2.46 0.10
HUNTLEY___64 23558	26.02 -1.33 0.00	26.78 -1.81 0.00	29.22 -2.07 0.00	26.68 -2.07 0.00	25.32 -1.98 0.00	28.95 -2.05 0.00	31.45 -2.23 0.00	28.17 -2.60 0.00	25.49 -2.46 0.00	22.92 -2.33 0.00	23.05 -2.11 0.00	23.22 -2.15 0.00	20.99 -1.99 0.00	20.30 -1.80 0.00	21.78 -1.62 0.00	25.59 -1.95 0.00	27.36 -2.37 0.00	33.44 -3.24 0.00	26.83 -2.85 0.00	21.03 -2.28 0.00	20.40 -2.41 0.07	23.15 -2.92 0.25	24.50 -2.89 0.00	23.44 -2.46 0.10
HUNTLEY___65 23559	26.02 -1.33 0.00	26.78 -1.81 0.00	29.22 -2.07 0.00	26.68 -2.07 0.00	25.32 -1.98 0.00	28.95 -2.05 0.00	31.45 -2.23 0.00	28.17 -2.60 0.00	25.49 -2.46 0.00	22.92 -2.33 0.00	23.05 -2.11 0.00	23.22 -2.15 0.00	20.99 -1.99 0.00	20.30 -1.80 0.00	21.78 -1.62 0.00	25.59 -1.95 0.00	27.36 -2.37 0.00	33.44 -3.24 0.00	26.83 -2.85 0.00	21.03 -2.28 0.00	20.40 -2.41 0.07	23.15 -2.92 0.25	24.50 -2.89 0.00	23.44 -2.46 0.10
HUNTLEY___66 23560	26.02 -1.33 0.00	26.78 -1.81 0.00	29.22 -2.07 0.00	26.68 -2.07 0.00	25.32 -1.98 0.00	28.95 -2.05 0.00	31.45 -2.23 0.00	28.17 -2.60 0.00	25.49 -2.46 0.00	22.92 -2.33 0.00	23.05 -2.11 0.00	23.22 -2.15 0.00	20.99 -1.99 0.00	20.30 -1.80 0.00	21.78 -1.62 0.00	25.59 -1.95 0.00	27.36 -2.37 0.00	33.44 -3.24 0.00	26.83 -2.85 0.00	21.03 -2.28 0.00	20.40 -2.41 0.07	23.15 -2.92 0.25	24.50 -2.89 0.00	23.44 -2.46 0.10
HUNTLEY___67 23561	25.88 -1.47 0.00	26.65 -1.95 0.00	29.10 -2.19 0.00	26.57 -2.18 0.00	25.21 -2.10 0.00	28.76 -2.24 0.00	31.28 -2.40 0.00	28.08 -2.70 0.00	25.37 -2.58 0.00	22.81 -2.44 0.00	22.95 -2.21 0.00	23.14 -2.24 0.00	20.91 -2.07 0.00	20.21 -1.90 0.00	21.70 -1.70 0.00	25.51 -2.03 0.00	27.27 -2.46 0.00	33.34 -3.34 0.00	26.73 -2.95 0.00	20.94 -2.37 0.00	20.31 -2.50 0.08	23.04 -2.99 0.28	24.39 -3.00 0.00	23.34 -2.55 0.10
HUNTLEY___68 23562	25.88 -1.47 0.00	26.65 -1.95 0.00	29.10 -2.19 0.00	26.57 -2.18 0.00	25.21 -2.10 0.00	28.76 -2.24 0.00	31.28 -2.40 0.00	28.08 -2.70 0.00	25.37 -2.58 0.00	22.81 -2.44 0.00	22.95 -2.21 0.00	23.14 -2.24 0.00	20.91 -2.07 0.00	20.21 -1.90 0.00	21.70 -1.70 0.00	25.51 -2.03 0.00	27.27 -2.46 0.00	33.34 -3.34 0.00	26.73 -2.95 0.00	20.94 -2.37 0.00	20.31 -2.50 0.08	23.04 -2.99 0.28	24.39 -3.00 0.00	23.34 -2.55 0.10



HYLAND___LFGE 323620	27.69 0.35 0.00	28.61 0.02 0.00	31.29 -0.01 0.00	28.66 -0.10 0.00	27.28 -0.02 0.00	31.09 0.09 0.00	34.03 0.35 0.00	30.95 0.17 0.00	27.89 -0.06 0.00	24.91 -0.34 0.00	24.78 -0.38 0.00	24.70 -0.67 0.00	21.92 -1.06 0.00	21.02 -1.08 0.00	22.51 -0.89 0.00	27.31 -0.23 0.00	29.58 -0.15 0.00	36.43 -0.25 0.00	29.26 -0.41 0.00	22.81 -0.50 0.00	22.06 -0.69 0.14	26.26 -0.97 -0.92	26.29 -1.10 0.00	24.91 -0.90 0.18
INDECK___CORINTH 23802	28.07 0.72 0.00	29.29 0.70 0.00	32.22 0.93 0.00	29.65 0.90 0.00	27.99 0.68 0.00	31.95 0.95 0.00	34.89 1.21 0.00	32.06 1.29 0.00	29.10 1.15 0.00	26.22 0.97 0.00	25.89 0.73 0.00	26.07 0.70 0.00	23.48 0.50 0.00	22.59 0.49 0.00	23.89 0.49 0.00	28.46 0.92 0.00	30.83 1.10 0.00	38.16 1.48 0.00	30.89 1.22 0.00	24.28 0.97 0.00	23.79 0.91 0.00	27.11 0.79 0.00	27.99 0.61 0.00	26.49 0.50 0.00
INDECK___ILION 23567	27.68 0.33 0.00	28.86 0.27 0.00	31.56 0.26 0.00	29.02 0.28 0.00	27.58 0.28 0.00	31.43 0.42 0.00	34.38 0.70 0.00	31.64 0.86 0.00	28.63 0.68 0.00	25.81 0.56 0.00	25.56 0.40 0.00	25.62 0.25 0.00	23.07 0.09 0.00	22.20 0.10 0.00	23.49 0.08 0.00	27.88 0.34 0.00	30.23 0.50 0.00	37.43 0.75 0.00	30.30 0.63 0.00	23.84 0.53 0.00	23.39 0.50 0.00	26.77 0.45 0.00	27.73 0.35 0.00	26.24 0.24 0.00
INDECK___OLEAN 23982	26.70 0.14 0.79	28.14 -0.24 0.22	31.02 -0.27 0.00	28.38 -0.37 0.00	26.83 -0.47 0.00	30.09 -0.76 0.15	32.82 -0.71 0.15	30.05 -0.72 0.00	26.11 -0.92 0.92	23.29 -0.85 1.10	24.54 -0.54 0.08	24.88 -0.50 0.00	19.67 -0.53 2.78	21.31 -0.55 0.24	22.92 -0.27 0.21	27.44 -0.10 0.00	29.47 -0.26 0.00	35.96 -0.72 0.00	28.81 -0.87 0.00	22.46 -0.84 0.00	21.46 -0.98 0.44	24.94 -1.11 0.26	26.23 -1.15 0.00	22.84 -0.85 2.31
INDECK___OSWEGO 23783	26.44 -0.91 0.00	27.50 -1.08 0.00	30.08 -1.21 0.00	27.64 -1.12 0.00	26.29 -1.02 0.00	29.91 -1.10 0.00	32.65 -1.03 0.00	29.90 -0.87 0.00	27.08 -0.87 0.00	24.48 -0.77 0.00	24.37 -0.78 0.00	24.53 -0.85 0.00	22.14 -0.84 0.00	21.27 -0.83 0.00	22.47 -0.93 0.00	26.58 -0.96 0.00	28.79 -0.94 0.00	35.56 -1.12 0.00	28.70 -0.97 0.00	22.50 -0.81 0.00	22.02 -0.86 0.00	25.26 -1.05 0.00	26.34 -1.04 0.00	25.15 -0.85 0.00
INDECK___YERKES 23781	25.55 -1.30 0.51	26.68 -1.77 0.14	29.26 -2.04 0.00	26.71 -2.04 0.00	25.41 -1.90 0.00	28.85 -2.05 0.10	31.30 -2.29 0.10	28.14 -2.64 0.00	24.90 -2.45 0.59	22.24 -2.30 0.71	23.02 -2.09 0.05	23.25 -2.13 0.00	19.23 -1.97 1.78	20.17 -1.78 0.15	21.65 -1.61 0.13	25.61 -1.93 0.00	27.39 -2.35 0.00	33.47 -3.21 0.00	26.86 -2.82 0.00	21.05 -2.26 0.00	20.19 -2.39 0.30	23.17 -2.90 0.25	24.52 -2.86 0.00	22.06 -2.44 1.50
INDIAN POINT_GT_1 24139	28.70 1.35 0.00	29.84 1.26 0.00	32.52 1.22 0.00	29.92 1.16 0.00	28.43 1.12 0.00	32.41 1.40 0.00	35.67 2.00 0.00	33.04 2.26 0.00	29.77 1.83 0.00	26.91 1.67 0.00	26.65 1.49 0.00	26.71 1.33 0.00	24.58 0.94 -0.66	23.07 0.98 0.00	24.53 1.13 0.00	29.29 1.75 0.00	32.00 2.27 0.00	39.56 2.88 0.00	32.10 2.42 0.00	25.13 1.82 0.00	24.57 1.68 0.00	27.98 1.67 0.00	28.82 1.43 0.00	27.20 1.20 0.00
INDIAN POINT_GT_2 23659	28.70 1.35 0.00	29.84 1.26 0.00	32.52 1.22 0.00	29.92 1.16 0.00	28.43 1.12 0.00	32.41 1.40 0.00	35.67 2.00 0.00	33.04 2.26 0.00	29.77 1.83 0.00	26.91 1.67 0.00	26.65 1.49 0.00	26.71 1.33 0.00	24.58 0.94 -0.66	23.07 0.98 0.00	24.53 1.13 0.00	29.29 1.75 0.00	32.00 2.27 0.00	39.56 2.88 0.00	32.10 2.42 0.00	25.13 1.82 0.00	24.57 1.68 0.00	27.98 1.67 0.00	28.82 1.43 0.00	27.20 1.20 0.00
INDIAN POINT_GT_3 24019	28.70 1.35 0.00	29.84 1.26 0.00	32.52 1.22 0.00	29.92 1.16 0.00	28.43 1.12 0.00	32.41 1.40 0.00	35.67 2.00 0.00	33.04 2.26 0.00	29.77 1.83 0.00	26.91 1.67 0.00	26.65 1.49 0.00	26.71 1.33 0.00	24.58 0.94 -0.66	23.07 0.98 0.00	24.53 1.13 0.00	29.29 1.75 0.00	32.00 2.27 0.00	39.56 2.88 0.00	32.10 2.42 0.00	25.13 1.82 0.00	24.57 1.68 0.00	27.98 1.67 0.00	28.82 1.43 0.00	27.20 1.20 0.00
INDIAN POINT___2 23530	28.76 1.42 0.00	29.91 1.32 0.00	32.50 1.21 0.00	29.88 1.14 0.00	28.39 1.08 0.00	32.37 1.37 0.00	35.64 1.95 0.00	33.00 2.23 0.00	29.74 1.79 0.00	26.87 1.63 0.00	26.61 1.46 0.00	26.66 1.29 0.00	24.78 0.90 -0.90	23.04 0.93 0.00	24.50 1.10 0.00	29.24 1.70 0.00	31.96 2.23 0.00	39.53 2.85 0.00	32.05 2.37 0.00	25.09 1.78 0.00	24.53 1.64 0.00	27.95 1.63 0.00	28.77 1.39 0.00	27.16 1.17 0.00
INDIAN POINT___3 23531	28.59 1.24 0.00	29.75 1.16 0.00	32.47 1.18 0.00	29.91 1.16 0.00	28.42 1.12 0.00	32.39 1.39 0.00	35.65 1.97 0.00	33.01 2.23 0.00	29.75 1.80 0.00	26.89 1.64 0.00	26.62 1.47 0.00	26.68 1.30 0.00	24.57 0.91 -0.68	23.05 0.95 0.00	24.51 1.11 0.00	29.26 1.72 0.00	31.96 2.23 0.00	39.52 2.84 0.00	32.06 2.38 0.00	25.10 1.79 0.00	24.54 1.66 0.00	27.96 1.64 0.00	28.79 1.41 0.00	27.17 1.18 0.00
INGHAM_C_115KV_TB7 356103	27.78 0.43 0.00	28.90 0.31 0.00	31.57 0.27 0.00	29.08 0.33 0.00	27.65 0.34 0.00	31.60 0.60 0.00	34.77 1.09 0.00	32.22 1.44 0.00	29.05 1.10 0.00	26.12 0.88 0.00	25.73 0.58 0.00	25.63 0.26 0.00	22.94 -0.04 0.00	22.12 0.02 0.00	23.37 -0.03 0.00	27.98 0.44 0.00	30.47 0.74 0.00	37.87 1.19 0.00	30.69 1.02 0.00	24.19 0.88 0.00	23.74 0.85 0.00	27.06 0.75 0.00	27.90 0.52 0.00	26.30 0.30 0.00
IP CORINTH___1 23988	28.23 0.88 0.00	29.45 0.86 0.00	32.40 1.11 0.00	29.81 1.06 0.00	28.14 0.84 0.00	32.12 1.11 0.00	35.09 1.41 0.00	32.24 1.46 0.00	29.25 1.30 0.00	26.36 1.11 0.00	26.03 0.87 0.00	26.21 0.84 0.00	23.60 0.62 0.00	22.70 0.60 0.00	24.02 0.62 0.00	28.62 1.08 0.00	31.01 1.28 0.00	38.37 1.69 0.00	31.05 1.37 0.00	24.42 1.10 0.00	23.91 1.02 0.00	27.25 0.94 0.00	28.14 0.75 0.00	26.63 0.63 0.00
IP___TICONDEROGA 23804	29.23 1.88 0.00	30.50 1.91 0.00	33.42 2.13 0.00	30.83 2.08 0.00	29.14 1.84 0.00	33.41 2.40 0.00	36.63 2.95 0.00	33.82 3.05 0.00	30.72 2.77 0.00	27.40 2.15 0.00	26.96 1.81 0.00	27.41 2.03 0.00	24.69 1.70 0.00	23.76 1.66 0.00	24.96 1.56 0.00	29.97 2.42 0.00	32.47 2.74 0.00	40.16 3.48 0.00	32.35 2.67 0.00	25.47 2.15 0.00	24.84 1.96 0.00	28.27 1.96 0.00	29.23 1.85 0.00	27.69 1.69 0.00
ISLIP_RES_REC 323679	30.34 2.98 -0.01	31.39 2.80 0.00	34.16 2.87 0.00	31.53 2.78 0.00	36.00 2.68 -6.02	71.33 3.28 -37.04	86.42 4.08 -48.66	78.04 4.23 -43.03	66.38 3.49 -34.93	37.12 3.15 -8.72	32.38 2.93 -4.30	28.08 2.67 -0.03	36.69 2.22 -11.49	32.67 2.20 -8.36	45.19 2.55 -19.24	67.55 3.45 -36.55	61.92 4.19 -28.00	109.03 5.19 -67.16	389.55 4.13 -355.74	116.40 3.18 -89.91	67.34 2.93 -41.53	42.88 3.08 -13.49	30.29 2.90 -0.01	28.53 2.53 0.00

JAMAICA__27_KV_LOAD 355505	28.86 1.51 0.00	30.01 1.42 0.00	32.64 1.35 0.00	30.07 1.32 0.00	28.55 1.24 0.00	32.58 1.58 0.00	36.02 2.34 0.00	33.32 2.55 0.00	30.00 2.05 0.00	27.16 1.91 0.00	26.96 1.81 0.00	27.00 1.62 0.00	24.71 1.17 -0.55	23.33 1.23 0.00	24.76 1.36 0.00	29.55 2.01 0.00	32.28 2.55 0.00	39.87 3.20 0.00	32.41 2.73 0.00	25.37 2.06 0.00	24.79 1.91 0.00	28.21 1.90 0.00	28.99 1.60 0.00	27.31 1.32 0.00
JANIS__SOLAR 323808	28.77 1.29 -0.13	29.74 1.12 -0.04	32.51 1.21 0.00	29.84 1.09 0.00	28.39 1.08 0.00	32.55 1.52 -0.03	35.73 2.03 -0.03	32.82 2.05 0.00	29.67 1.57 -0.15	26.72 1.29 -0.18	26.31 1.14 -0.01	26.28 0.90 0.00	23.99 0.55 -0.46	22.47 0.33 -0.04	23.99 0.55 -0.04	28.38 0.83 0.00	30.99 1.27 0.00	38.27 1.59 0.00	30.82 1.14 0.00	24.12 0.81 0.00	23.75 0.61 -0.25	27.01 0.62 -0.08	27.85 0.47 0.00	27.06 0.43 -0.63
JARVIS____ 23743	27.50 0.15 0.00	28.72 0.13 0.00	31.42 0.13 0.00	28.88 0.13 0.00	27.44 0.13 0.00	31.19 0.19 0.00	33.98 0.30 0.00	31.12 0.35 0.00	28.23 0.28 0.00	25.49 0.24 0.00	25.34 0.18 0.00	25.50 0.13 0.00	23.07 0.08 0.00	22.15 0.05 0.00	23.45 0.05 0.00	27.67 0.13 0.00	29.93 0.21 0.00	36.96 0.28 0.00	29.91 0.23 0.00	23.50 0.18 0.00	23.06 0.17 0.00	26.45 0.14 0.00	27.50 0.11 0.00	26.09 0.09 0.00
JENNISON____1 23625	28.63 1.28 0.00	29.71 1.12 0.00	32.53 1.24 0.00	29.85 1.10 0.00	28.36 1.05 0.00	32.58 1.58 0.00	35.77 2.09 0.00	32.93 2.15 0.00	29.57 1.62 0.00	26.52 1.28 0.00	26.21 1.05 0.00	26.29 0.92 0.00	23.55 0.56 0.00	22.52 0.42 0.00	23.87 0.47 0.00	28.33 0.78 0.00	30.73 1.00 0.00	37.83 1.15 0.00	30.46 0.79 0.00	23.89 0.58 0.00	23.26 0.31 -0.06	26.65 0.30 -0.04	27.48 0.09 0.00	26.10 0.03 -0.08
JENNISON____2 23626	28.63 1.28 0.00	29.71 1.12 0.00	32.53 1.24 0.00	29.85 1.10 0.00	28.36 1.05 0.00	32.58 1.58 0.00	35.77 2.09 0.00	32.93 2.15 0.00	29.57 1.62 0.00	26.52 1.28 0.00	26.21 1.05 0.00	26.29 0.92 0.00	23.55 0.56 0.00	22.52 0.42 0.00	23.87 0.47 0.00	28.33 0.78 0.00	30.73 1.00 0.00	37.83 1.15 0.00	30.46 0.79 0.00	23.89 0.58 0.00	23.26 0.31 -0.06	26.65 0.30 -0.04	27.48 0.09 0.00	26.10 0.03 -0.08
JERICOHO_RISE_WT_PWR 323719	28.59 1.24 0.00	29.99 1.41 0.00	32.88 1.59 0.00	30.20 1.44 0.00	28.61 1.30 0.00	32.15 1.15 0.00	34.59 0.91 0.00	31.48 0.70 0.00	28.66 0.61 0.00	25.97 0.82 0.00	26.44 1.06 0.00	24.00 1.01 0.00	23.00 0.90 0.00	24.16 0.76 0.00	28.26 0.72 0.00	30.38 0.65 0.00	37.17 0.50 0.00	29.89 0.21 0.00	23.54 0.23 0.00	23.18 0.30 0.00	26.73 0.42 0.00	27.87 0.49 0.00	26.59 0.59 0.00	
KATONAH__115KV_46KV_TB4 355592	28.88 1.53 0.00	30.03 1.44 0.00	32.76 1.47 0.00	30.17 1.42 0.00	28.67 1.36 0.00	32.69 1.69 0.00	36.00 2.32 0.00	33.35 2.58 0.00	30.05 2.11 0.00	27.15 1.91 0.00	26.86 1.71 0.00	26.92 1.54 0.00	24.45 1.14 -0.33	23.27 1.17 0.00	24.73 1.33 0.00	29.52 1.98 0.00	32.24 2.51 0.00	39.88 3.20 0.00	32.37 2.69 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.22 1.90 0.00	29.04 1.65 0.00	27.40 1.40 0.00
KCE_NY_1 323755	28.67 1.32 0.00	29.86 1.27 0.00	32.66 1.37 0.00	30.04 1.30 0.00	28.51 1.20 0.00	32.52 1.52 0.00	35.55 1.87 0.00	32.72 1.95 0.00	29.64 1.69 0.00	26.70 1.46 0.00	26.45 1.29 0.00	26.57 1.20 0.00	23.94 0.96 0.00	23.04 0.93 0.00	24.43 1.03 0.00	29.06 1.52 0.00	31.48 1.75 0.00	38.89 2.21 0.00	31.51 1.83 0.00	24.79 1.48 0.00	24.28 1.40 0.00	27.70 1.39 0.00	28.63 1.25 0.00	27.11 1.11 0.00
KCE_NY_6_ESR 323823	25.83 -0.97 0.56	27.00 -1.44 0.15	29.68 -1.62 0.00	27.11 -1.64 0.00	25.76 -1.55 0.00	29.18 -1.71 0.11	31.75 -1.82 0.11	28.70 -2.07 0.00	25.25 -2.04 0.65	22.53 -1.94 0.78	23.40 -1.70 0.05	23.65 -1.73 0.00	19.38 -1.64 1.97	20.44 -1.49 0.17	21.99 -1.26 0.15	26.09 -1.45 0.00	27.92 -1.81 0.00	34.15 -2.53 0.00	27.37 -2.31 0.00	21.39 -1.92 0.00	20.49 -2.06 0.33	23.50 -2.50 0.31	24.83 -2.56 0.00	22.19 -2.15 1.65
KEDC PORT_JEFF_GT2 24210	30.15 2.79 -0.01	31.17 2.58 0.00	33.93 2.63 0.00	31.31 2.56 0.00	35.80 2.47 -6.02	71.14 3.04 -37.10	86.17 3.77 -48.73	77.78 3.94 -43.07	66.12 3.24 -34.93	36.90 2.93 -8.72	32.19 2.74 -4.30	27.89 2.48 -0.03	36.51 2.05 -11.48	32.46 2.02 -8.33	44.98 2.35 -19.23	67.27 3.20 -36.53	61.59 3.90 -27.96	108.49 4.85 -66.96	388.13 3.87 -354.59	115.93 2.97 -89.64	66.88 2.71 -41.29	42.63 2.84 -13.48	30.05 2.66 -0.01	28.32 2.32 0.00
KEDC PORT_JEFF_GT3 24211	30.15 2.79 -0.01	31.17 2.58 0.00	33.93 2.63 0.00	31.31 2.56 0.00	35.80 2.47 -6.02	71.14 3.04 -37.10	86.17 3.77 -48.73	77.78 3.94 -43.07	66.12 3.24 -34.93	36.90 2.93 -8.72	32.19 2.74 -4.30	27.89 2.48 -0.03	36.51 2.05 -11.48	32.46 2.02 -8.33	44.98 2.35 -19.23	67.27 3.20 -36.53	61.59 3.90 -27.96	108.49 4.85 -66.96	388.13 3.87 -354.59	115.93 2.97 -89.64	66.88 2.71 -41.29	42.63 2.84 -13.48	30.05 2.66 -0.01	28.32 2.32 0.00
KEDC_GLWD_GT4 24219	29.23 1.87 -0.01	30.31 1.72 0.00	33.03 1.73 0.00	30.46 1.71 0.00	33.21 1.63 -4.27	59.36 2.03 -26.33	73.26 2.70 -36.88	70.10 2.82 -36.50	66.38 2.35 -36.08	36.17 2.20 -8.73	31.50 2.04 -4.30	27.26 1.85 -0.03	37.35 1.44 -12.92	36.69 1.45 -13.14	46.16 1.60 -21.15	70.78 2.26 -40.97	68.11 2.82 -35.55	136.58 3.57 -96.34	509.90 2.99 -477.24	143.20 2.31 -117.58	90.86 2.14 -65.84	43.65 2.18 -15.16	29.36 1.96 -0.01	27.67 1.67 0.00
KEDC_GLWD_GT5 24220	29.23 1.87 -0.01	30.31 1.72 0.00	33.03 1.73 0.00	30.46 1.71 0.00	33.21 1.63 -4.27	59.36 2.03 -26.33	73.26 2.70 -36.88	70.10 2.82 -36.50	66.38 2.35 -36.08	36.17 2.20 -8.73	31.50 2.04 -4.30	27.26 1.85 -0.03	37.35 1.44 -12.92	36.69 1.45 -13.14	46.16 1.60 -21.15	70.78 2.26 -40.97	68.11 2.82 -35.55	136.58 3.57 -96.34	509.90 2.99 -477.24	143.20 2.31 -117.58	90.86 2.14 -65.84	43.65 2.18 -15.16	29.36 1.96 -0.01	27.67 1.67 0.00
KENSICO____ 23655	28.76 1.41 0.00	29.89 1.30 0.00	32.58 1.29 0.00	29.99 1.25 0.00	28.50 1.19 0.00	32.48 1.49 0.00	35.77 2.09 0.00	33.14 2.36 0.00	29.87 1.92 0.00	27.01 1.76 0.00	26.75 1.59 0.00	26.81 1.43 0.00	24.61 1.03 -0.60	23.17 1.06 0.00	24.62 1.22 0.00	29.39 1.85 0.00	32.10 2.37 0.00	39.68 3.00 0.00	32.20 2.52 0.00	25.21 1.90 0.00	24.65 1.76 0.00	28.07 1.75 0.00	28.90 1.51 0.00	27.27 1.27 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.88 1.53 0.00	30.00 1.41 0.00	32.76 1.46 0.00	30.15 1.40 0.00	28.66 1.35 0.00	32.70 1.70 0.00	35.99 2.31 0.00	33.33 2.55 0.00	30.01 2.06 0.00	27.04 1.80 0.00	26.68 1.52 0.00	26.77 1.40 0.00	23.88 1.03 0.13	23.13 1.03 0.00	24.74 1.34 0.00	29.57 2.02 0.00	32.33 2.61 0.00	40.09 3.41 0.00	32.52 2.84 0.00	25.43 2.12 0.00	24.86 1.98 0.00	28.34 2.03 0.00	29.19 1.80 0.00	27.54 1.54 0.00

KIAC_JFK_GT1 23816	28.76 1.41 0.00	29.90 1.32 0.00	32.55 1.25 0.00	29.98 1.23 0.00	28.47 1.16 0.00	32.48 1.48 0.00	35.89 2.21 0.00	33.21 2.43 0.00	29.90 1.95 0.00	27.08 1.83 0.00	26.87 1.71 0.00	26.91 1.54 0.00	24.63 1.10 -0.55	23.26 1.15 0.00	24.68 1.28 0.00	29.46 1.92 0.00	32.17 2.44 0.00	39.73 3.05 0.00	32.30 2.62 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.12 1.81 0.00	28.90 1.51 0.00	27.23 1.23 0.00
KIAC_JFK_GT2 23817	28.76 1.41 0.00	29.90 1.32 0.00	32.55 1.25 0.00	29.98 1.23 0.00	28.47 1.16 0.00	32.48 1.48 0.00	35.89 2.21 0.00	33.21 2.43 0.00	29.90 1.95 0.00	27.08 1.83 0.00	26.87 1.71 0.00	26.91 1.54 0.00	24.63 1.10 -0.55	23.26 1.15 0.00	24.68 1.28 0.00	29.46 1.92 0.00	32.17 2.44 0.00	39.73 3.05 0.00	32.30 2.62 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.12 1.81 0.00	28.90 1.51 0.00	27.23 1.23 0.00
KIAC_JFK____ 323774	28.76 1.41 0.00	29.91 1.32 0.00	32.55 1.25 0.00	29.98 1.23 0.00	28.46 1.15 0.00	32.48 1.48 0.00	35.92 2.24 0.00	33.21 2.44 0.00	29.90 1.95 0.00	27.08 1.83 0.00	26.88 1.72 0.00	26.91 1.54 0.00	24.64 1.10 -0.55	23.26 1.15 0.00	24.69 1.29 0.00	29.46 1.92 0.00	32.17 2.44 0.00	39.74 3.06 0.00	32.30 2.62 0.00	25.29 1.98 0.00	24.71 1.83 0.00	28.13 1.81 0.00	28.90 1.51 0.00	27.23 1.23 0.00
KINTIGH____ 23543	25.73 -1.62 0.00	26.56 -2.03 0.00	29.00 -2.29 0.00	26.51 -2.24 0.00	25.15 -2.16 0.00	28.68 -2.32 0.00	31.23 -2.45 0.00	28.16 -2.62 0.00	25.46 -2.49 0.00	22.91 -2.34 0.00	23.01 -2.14 0.00	23.21 -2.16 0.00	20.98 -2.01 0.00	20.22 -1.89 0.00	21.63 -1.77 0.00	25.47 -2.07 0.00	27.28 -2.45 0.00	33.39 -3.29 0.00	26.84 -2.84 0.00	21.03 -2.27 0.00	20.44 -2.38 0.06	23.33 -2.84 0.14	24.55 -2.84 0.00	23.48 -2.44 0.08
KNTFSRNC_46_KV_46KV_LOAD 80397	29.11 1.75 0.00	30.51 1.92 0.00	33.43 2.14 0.00	30.72 1.97 0.00	29.09 1.78 0.00	32.65 1.65 0.00	35.16 1.48 0.00	32.06 1.28 0.00	29.14 1.19 0.00	26.33 1.08 0.00	26.43 1.28 0.00	26.90 1.53 0.00	24.37 1.38 0.00	23.34 1.24 0.00	24.50 1.10 0.00	28.76 1.21 0.00	31.00 1.27 0.00	37.96 1.29 0.00	30.49 0.81 0.00	24.01 0.70 0.00	23.60 0.72 0.00	27.10 0.79 0.00	28.23 0.85 0.00	27.00 1.00 0.00
LACHUTE____HYDRO 323717	29.23 1.88 0.00	30.50 1.91 0.00	33.43 2.13 0.00	30.83 2.08 0.00	29.14 1.84 0.00	33.41 2.40 0.00	36.64 2.96 0.00	33.82 3.05 0.00	30.72 2.77 0.00	27.40 2.16 0.00	26.96 1.81 0.00	27.41 2.03 0.00	24.69 1.70 0.00	23.76 1.65 0.00	24.97 1.57 0.00	29.97 2.42 0.00	32.47 2.74 0.00	40.16 3.48 0.00	32.35 2.67 0.00	25.46 2.15 0.00	24.84 1.96 0.00	28.27 1.96 0.00	29.23 1.85 0.00	27.69 1.70 0.00
LAWRNCALV_115KV_TB1 80681	27.84 0.49 0.00	29.22 0.63 0.00	32.04 0.75 0.00	29.38 0.63 0.00	27.77 0.47 0.00	31.14 0.14 0.00	33.43 -0.25 0.00	30.36 -0.42 0.00	27.72 -0.23 0.00	25.04 -0.21 0.00	25.24 0.08 0.00	25.67 0.29 0.00	23.38 0.40 0.00	22.42 0.32 0.00	23.60 0.20 0.00	27.40 -0.14 0.00	29.32 -0.41 0.00	35.98 -0.70 0.00	29.02 -0.66 0.00	22.81 -0.49 0.00	22.60 -0.29 0.00	26.26 -0.05 0.00	27.59 0.21 0.00	26.22 0.22 0.00
LEDERLE____ 23769	28.61 1.26 0.00	29.80 1.21 0.00	32.57 1.28 0.00	30.02 1.27 0.00	28.54 1.23 0.00	32.52 1.52 0.00	35.79 2.11 0.00	33.17 2.40 0.00	29.88 1.93 0.00	27.00 1.76 0.00	26.74 1.58 0.00	26.79 1.42 0.00	23.08 1.00 0.90	23.14 1.04 0.00	24.60 1.20 0.00	29.39 1.85 0.00	32.13 2.40 0.00	39.75 3.07 0.00	32.23 2.55 0.00	25.22 1.91 0.00	24.66 1.77 0.00	28.09 1.77 0.00	28.92 1.53 0.00	27.29 1.29 0.00
LIGHTHSE_115KV_TB6 355974	26.66 -0.69 0.00	27.74 -0.84 0.00	30.35 -0.95 0.00	27.87 -0.88 0.00	26.52 -0.79 0.00	30.20 -0.80 0.00	33.03 -0.65 0.00	30.26 -0.52 0.00	27.40 -0.55 0.00	24.73 -0.52 0.00	24.58 -0.58 0.00	24.70 -0.68 0.00	22.25 -0.74 0.00	21.29 -0.81 0.00	22.45 -0.95 0.00	26.57 -0.97 0.00	28.78 -0.95 0.00	35.61 -1.06 0.00	28.60 -1.08 0.00	22.42 -0.89 0.00	21.92 -0.96 0.00	25.21 -1.11 0.00	26.38 -1.01 0.00	25.11 -0.88 0.00
LINDEN COGEN____ 23786	28.58 1.23 0.00	29.75 1.16 0.00	32.42 1.12 0.00	29.83 1.08 0.00	28.32 1.02 0.00	32.31 1.30 0.00	35.65 1.97 0.00	33.04 2.26 0.00	29.77 1.82 0.00	26.94 1.69 0.00	26.71 1.55 0.00	26.75 1.37 0.00	24.52 0.97 -0.55	23.14 1.03 0.00	24.59 1.19 0.00	29.34 1.79 0.00	32.06 2.33 0.00	39.62 2.94 0.00	32.16 2.48 0.00	25.16 1.85 0.00	24.58 1.70 0.00	27.99 1.68 0.00	28.80 1.41 0.00	27.13 1.13 0.00
LINDHRST_69_KV_BK1 356055	29.91 2.55 -0.01	30.96 2.37 0.00	33.71 2.42 0.00	31.12 2.37 0.00	35.35 2.29 -5.76	69.20 2.75 -35.45	84.03 3.43 -46.92	76.45 3.60 -42.07	66.07 3.00 -35.12	36.70 2.73 -8.73	32.00 2.54 -4.30	27.71 2.30 -0.03	36.57 1.88 -11.71	33.06 1.88 -9.08	45.07 2.13 -19.54	67.73 2.95 -37.24	62.46 3.57 -29.16	112.69 4.41 -71.59	407.41 3.68 -374.06	119.83 2.79 -93.72	70.68 2.61 -45.19	42.70 2.73 -13.66	29.93 2.54 -0.01	28.18 2.19 0.00
LIPA_MISC_IPP 23656	30.16 2.80 -0.01	31.19 2.61 0.00	33.96 2.67 0.00	31.35 2.60 0.00	35.88 2.52 -6.05	71.33 3.04 -37.28	86.33 3.72 -48.93	77.87 3.91 -43.18	66.08 3.23 -34.90	36.89 2.92 -8.72	32.16 2.71 -4.30	27.85 2.44 -0.03	36.41 1.97 -11.45	32.37 2.02 -8.25	44.85 2.25 -19.20	67.18 3.18 -36.45	61.49 3.94 -27.82	108.10 4.88 -66.54	387.47 3.86 -353.94	115.77 2.97 -89.49	66.78 2.73 -41.16	42.64 2.86 -13.47	30.07 2.68 -0.01	28.32 2.32 0.00
LISF__SOLAR 323691	30.21 2.86 -0.01	31.25 2.66 0.00	34.02 2.73 0.00	31.40 2.65 0.00	35.92 2.56 -6.05	71.39 3.14 -37.25	86.46 3.89 -48.89	78.00 4.07 -43.16	66.18 3.32 -34.91	36.94 2.97 -8.72	32.19 2.74 -4.30	27.87 2.47 -0.03	36.48 2.04 -11.46	32.42 2.05 -8.27	44.99 2.38 -19.20	67.29 3.28 -36.47	61.61 4.03 -27.85	108.33 5.02 -66.63	387.76 3.93 -354.16	115.89 3.04 -89.54	66.88 2.79 -41.21	42.71 2.92 -13.47	30.14 2.76 -0.01	28.40 2.40 0.00
LITTLE FALLS____HYD 24013	27.78 0.43 0.00	28.90 0.31 0.00	31.57 0.27 0.00	29.08 0.33 0.00	27.65 0.34 0.00	31.60 0.60 0.00	34.77 1.09 0.00	32.22 1.44 0.00	29.05 1.10 0.00	26.12 0.88 0.00	25.73 0.58 0.00	25.63 0.26 0.00	22.94 -0.04 0.00	22.12 0.02 0.00	23.37 -0.03 0.00	27.98 0.44 0.00	30.47 0.74 0.00	37.87 1.19 0.00	30.69 1.02 0.00	24.19 0.88 0.00	23.74 0.85 0.00	27.06 0.75 0.00	27.90 0.52 0.00	26.30 0.30 0.00
LITTLRIV_115KV_TB1 356100	28.23 0.88 0.00	29.62 1.03 0.00	32.47 1.18 0.00	29.78 1.03 0.00	28.15 0.84 0.00	31.60 0.59 0.00	33.98 0.30 0.00	30.87 0.09 0.00	28.18 0.23 0.00	25.45 0.20 0.00	25.63 0.47 0.00	26.07 0.69 0.00	23.75 0.77 0.00	22.80 0.69 0.00	24.01 0.61 0.00	27.90 0.35 0.00	29.86 0.13 0.00	36.65 -0.03 0.00	29.56 -0.11 0.00	23.20 -0.11 0.00	22.97 0.09 0.00	26.73 0.42 0.00	28.02 0.63 0.00	26.60 0.60 0.00

LI_NEWBRDGE___DRP 323616	29.23 1.87 -0.01	30.29 1.71 0.00	33.01 1.72 0.00	30.48 1.74 0.00	35.28 1.68 -6.30	71.84 2.06 -38.77	86.91 2.66 -50.57	77.74 2.88 -44.08	65.07 2.39 -34.73	36.16 2.19 -8.72	31.48 2.03 -4.29	27.22 1.82 -0.03	35.65 1.42 -11.25	31.12 1.44 -7.58	43.96 1.64 -18.92	65.69 2.33 -35.81	59.37 2.90 -26.74	103.08 3.68 -62.73	375.15 3.09 -342.38	112.44 2.28 -86.84	63.83 2.11 -38.83	41.79 2.17 -13.31	29.36 1.97 -0.01	27.67 1.67 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.75 -1.60 0.00	26.50 -2.08 0.00	28.90 -2.39 0.00	26.41 -2.34 0.00	25.08 -2.23 0.00	28.64 -2.36 0.00	31.12 -2.56 0.00	27.92 -2.86 0.00	25.27 -2.68 0.00	22.70 -2.55 0.00	22.83 -2.33 0.00	23.01 -2.36 0.00	20.78 -2.21 0.00	20.12 -1.98 0.00	21.57 -1.83 0.00	25.35 -2.20 0.00	27.11 -2.62 0.00	33.13 -3.55 0.00	26.59 -3.09 0.00	20.84 -2.46 0.00	20.23 -2.59 0.07	22.99 -3.11 0.21	24.25 -3.13 0.00	23.23 -2.68 0.09
LOCKPORT___CC1 323769	25.31 -1.59 0.46	26.38 -2.08 0.12	28.91 -2.38 0.00	26.41 -2.34 0.00	25.12 -2.19 0.00	28.51 -2.40 0.09	30.93 -2.67 0.09	27.83 -2.95 0.00	24.69 -2.73 0.53	22.04 -2.58 0.64	22.77 -2.34 0.04	23.00 -2.38 0.00	19.16 -2.22 1.61	19.97 -2.00 0.14	21.42 -1.86 0.12	25.34 -2.20 0.00	27.08 -2.64 0.00	33.10 -3.58 0.00	26.56 -3.11 0.00	20.82 -2.49 0.00	20.01 -2.60 0.27	22.95 -3.14 0.22	24.24 -3.15 0.00	21.95 -2.69 1.36
LOCKPORT___CC2 323770	25.31 -1.59 0.46	26.38 -2.08 0.12	28.91 -2.38 0.00	26.41 -2.34 0.00	25.12 -2.19 0.00	28.51 -2.40 0.09	30.93 -2.67 0.09	27.83 -2.95 0.00	24.69 -2.73 0.53	22.04 -2.58 0.64	22.77 -2.34 0.04	23.00 -2.38 0.00	19.16 -2.22 1.61	19.97 -2.00 0.14	21.42 -1.86 0.12	25.34 -2.20 0.00	27.08 -2.64 0.00	33.10 -3.58 0.00	26.56 -3.11 0.00	20.82 -2.49 0.00	20.01 -2.60 0.27	22.95 -3.14 0.22	24.24 -3.15 0.00	21.95 -2.69 1.36
LOCKPORT___CC3 323771	25.31 -1.59 0.46	26.38 -2.08 0.12	28.91 -2.38 0.00	26.41 -2.34 0.00	25.12 -2.19 0.00	28.51 -2.40 0.09	30.93 -2.67 0.09	27.83 -2.95 0.00	24.69 -2.73 0.53	22.04 -2.58 0.64	22.77 -2.34 0.04	23.00 -2.38 0.00	19.16 -2.22 1.61	19.97 -2.00 0.14	21.42 -1.86 0.12	25.34 -2.20 0.00	27.08 -2.64 0.00	33.10 -3.58 0.00	26.56 -3.11 0.00	20.82 -2.49 0.00	20.01 -2.60 0.27	22.95 -3.14 0.22	24.24 -3.15 0.00	21.95 -2.69 1.36
LONG_LAKE_PHOENIX 24014	26.50 -0.85 0.00	27.56 -1.02 0.00	30.14 -1.15 0.00	27.69 -1.06 0.00	26.34 -0.97 0.00	29.98 -1.02 0.00	32.75 -0.93 0.00	29.99 -0.79 0.00	27.14 -0.81 0.00	24.53 -0.71 0.00	24.42 -0.73 0.00	24.60 -0.78 0.00	22.19 -0.79 0.00	21.34 -0.76 0.00	22.57 -0.83 0.00	26.72 -0.83 0.00	28.95 -0.78 0.00	35.74 -0.94 0.00	28.85 -0.83 0.00	22.62 -0.69 0.00	22.12 -0.76 0.00	25.36 -0.95 0.00	26.42 -0.96 0.00	25.23 -0.76 0.00
LOVETT___3 23632	28.51 1.16 0.00	29.69 1.10 0.00	32.46 1.17 0.00	29.91 1.16 0.00	28.43 1.12 0.00	32.40 1.39 0.00	35.66 1.97 0.00	33.04 2.26 0.00	29.76 1.82 0.00	26.90 1.65 0.00	26.63 1.48 0.00	26.69 1.31 0.00	22.96 0.91 0.93	23.05 0.94 0.00	24.50 1.10 0.00	29.27 1.72 0.00	31.99 2.26 0.00	39.57 2.89 0.00	32.09 2.41 0.00	25.12 1.81 0.00	24.56 1.67 0.00	27.98 1.67 0.00	28.81 1.42 0.00	27.19 1.19 0.00
LOVETT___4 23642	28.51 1.16 0.00	29.69 1.10 0.00	32.46 1.17 0.00	29.91 1.16 0.00	28.43 1.12 0.00	32.40 1.39 0.00	35.66 1.97 0.00	33.04 2.26 0.00	29.76 1.82 0.00	26.90 1.65 0.00	26.63 1.48 0.00	26.69 1.31 0.00	22.96 0.91 0.93	23.05 0.94 0.00	24.50 1.10 0.00	29.27 1.72 0.00	31.99 2.26 0.00	39.57 2.89 0.00	32.09 2.41 0.00	25.12 1.81 0.00	24.56 1.67 0.00	27.98 1.67 0.00	28.81 1.42 0.00	27.19 1.19 0.00
LOVETT___5 23593	28.51 1.16 0.00	29.69 1.10 0.00	32.46 1.17 0.00	29.91 1.16 0.00	28.43 1.12 0.00	32.40 1.39 0.00	35.66 1.97 0.00	33.04 2.26 0.00	29.76 1.82 0.00	26.90 1.65 0.00	26.63 1.48 0.00	26.69 1.31 0.00	22.96 0.91 0.93	23.05 0.94 0.00	24.50 1.10 0.00	29.27 1.72 0.00	31.99 2.26 0.00	39.57 2.89 0.00	32.09 2.41 0.00	25.12 1.81 0.00	24.56 1.67 0.00	27.98 1.67 0.00	28.81 1.42 0.00	27.19 1.19 0.00
LOWER RAQUET___HYD 24057	27.85 0.50 0.00	29.23 0.63 0.00	32.04 0.75 0.00	29.39 0.64 0.00	27.75 0.44 0.00	31.08 0.07 0.00	33.34 -0.35 0.00	30.28 -0.50 0.00	27.64 -0.31 0.00	24.97 -0.28 0.00	25.19 0.03 0.00	25.63 0.26 0.00	23.34 0.35 0.00	22.38 0.27 0.00	23.53 0.13 0.00	27.31 -0.24 0.00	29.20 -0.52 0.00	35.85 -0.83 0.00	28.89 -0.79 0.00	22.71 -0.60 0.00	22.52 -0.37 0.00	26.19 -0.12 0.00	27.55 0.17 0.00	26.19 0.19 0.00
LOWER___HUDSON 24059	28.52 1.17 0.00	29.73 1.14 0.00	32.46 1.17 0.00	29.86 1.11 0.00	28.39 1.08 0.00	32.32 1.31 0.00	35.37 1.69 0.00	32.55 1.77 0.00	29.45 1.50 0.00	26.51 1.27 0.00	26.27 1.11 0.00	26.39 1.02 0.00	23.86 0.79 -0.09	22.88 0.78 0.00	24.31 0.91 0.00	28.89 1.35 0.00	31.22 1.49 0.00	38.49 1.81 0.00	31.23 1.55 0.00	24.61 1.29 0.00	24.13 1.24 0.00	27.51 1.20 0.00	28.44 1.06 0.00	26.94 0.94 0.00
LOWVILLE_115KV_TB2 356335	27.76 0.41 0.00	28.99 0.40 0.00	31.74 0.44 0.00	29.16 0.40 0.00	27.70 0.39 0.00	31.51 0.51 0.00	34.43 0.74 0.00	31.52 0.74 0.00	28.59 0.64 0.00	25.76 0.51 0.00	25.57 0.41 0.00	25.66 0.29 0.00	23.10 0.12 0.00	21.97 -0.13 0.00	23.01 -0.39 0.00	27.01 -0.53 0.00	29.17 -0.56 0.00	36.14 -0.54 0.00	28.81 -0.87 0.00	22.61 -0.70 0.00	22.18 -0.70 0.00	25.57 -0.74 0.00	26.99 -0.39 0.00	25.58 -0.42 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.64 1.29 0.00	29.85 1.26 0.00	32.66 1.37 0.00	30.05 1.30 0.00	28.52 1.21 0.00	32.50 1.50 0.00	35.54 1.86 0.00	32.69 1.92 0.00	29.62 1.67 0.00	26.68 1.43 0.00	26.43 1.27 0.00	26.56 1.18 0.00	23.92 0.94 0.00	23.02 0.92 0.00	24.41 1.01 0.00	29.04 1.50 0.00	31.45 1.72 0.00	38.85 2.18 0.00	31.48 1.80 0.00	24.77 1.46 0.00	24.26 1.38 0.00	27.68 1.36 0.00	28.61 1.22 0.00	27.09 1.09 0.00
LUTHERNY_35_KV_BK2 355980	28.67 1.32 0.00	29.86 1.27 0.00	32.66 1.37 0.00	30.04 1.30 0.00	28.51 1.20 0.00	32.52 1.52 0.00	35.54 1.86 0.00	32.72 1.95 0.00	29.64 1.69 0.00	26.70 1.46 0.00	26.45 1.29 0.00	26.57 1.20 0.00	23.94 0.96 0.00	23.04 0.93 0.00	24.43 1.03 0.00	29.07 1.52 0.00	31.48 1.75 0.00	38.89 2.21 0.00	31.51 1.83 0.00	24.79 1.48 0.00	24.29 1.40 0.00	27.70 1.39 0.00	28.63 1.25 0.00	27.11 1.11 0.00
LWR___OSWEGATCHIE_HYD 23850	27.48 0.13 0.00	28.76 0.18 0.00	31.52 0.22 0.00	28.93 0.17 0.00	27.40 0.09 0.00	30.93 -0.08 0.00	33.49 -0.19 0.00	30.55 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.18 0.00	25.10 -0.06 0.00	25.36 -0.01 0.00	22.96 -0.02 0.00	21.93 -0.17 0.00	23.00 -0.40 0.00	26.86 -0.68 0.00	28.88 -0.85 0.00	35.61 -1.06 0.00	28.53 -1.14 0.00	22.40 -0.90 0.00	22.10 -0.79 0.00	25.61 -0.71 0.00	26.98 -0.40 0.00	25.61 -0.38 0.00

LYONS_FALL_HYD 23570	27.88 0.53 0.00	29.11 0.51 0.00	31.86 0.56 0.00	29.27 0.52 0.00	27.81 0.50 0.00	31.66 0.66 0.00	34.59 0.91 0.00	31.68 0.91 0.00	28.73 0.78 0.00	25.89 0.64 0.00	25.69 0.53 0.00	25.79 0.41 0.00	23.27 0.29 0.00	22.18 0.08 0.00	23.36 -0.04 0.00	27.51 -0.04 0.00	29.75 0.02 0.00	36.82 0.14 0.00	29.51 -0.17 0.00	23.17 -0.14 0.00	22.71 -0.17 0.00	26.12 -0.20 0.00	27.40 0.02 0.00	25.95 -0.04 0.00
MADISON___COUNTY_LFGE 323628	28.03 0.68 0.00	29.25 0.66 0.00	32.01 0.72 0.00	29.41 0.66 0.00	27.97 0.66 0.00	31.88 0.88 0.00	34.89 1.20 0.00	32.00 1.22 0.00	28.95 0.99 0.00	26.08 0.83 0.00	25.85 0.70 0.00	25.99 0.61 0.00	23.48 0.50 0.00	22.41 0.31 0.00	23.84 0.44 0.00	28.16 0.62 0.00	30.56 0.83 0.00	37.76 1.08 0.00	30.43 0.76 0.00	23.87 0.56 0.00	23.37 0.48 0.00	26.79 0.48 0.00	27.86 0.48 0.00	26.41 0.41 0.00
MALONE___115KV_TB1 356076	28.83 1.47 0.00	30.21 1.62 0.00	33.11 1.81 0.00	30.39 1.64 0.00	28.77 1.47 0.00	32.34 1.34 0.00	34.82 1.13 0.00	31.72 0.94 0.00	28.87 0.92 0.00	26.04 0.79 0.00	26.18 1.02 0.00	26.64 1.26 0.00	24.18 1.20 0.00	23.17 1.07 0.00	24.31 0.92 0.00	28.44 0.89 0.00	30.56 0.83 0.00	37.43 0.75 0.00	30.11 0.44 0.00	23.72 0.41 0.00	23.38 0.50 0.00	26.97 0.66 0.00	28.16 0.78 0.00	26.82 0.82 0.00
MAPLEWOD_115KV_TB3 80458	28.24 0.89 0.00	29.42 0.83 0.00	32.15 0.85 0.00	29.57 0.82 0.00	28.09 0.78 0.00	31.98 0.98 0.00	35.00 1.32 0.00	32.22 1.44 0.00	29.16 1.21 0.00	26.30 1.05 0.00	26.00 0.85 0.00	26.12 0.75 0.00	23.62 0.55 -0.09	22.68 0.57 0.00	24.06 0.66 0.00	28.51 0.97 0.00	31.00 1.26 0.00	38.50 1.82 0.00	31.23 1.56 0.00	24.61 1.30 0.00	24.13 1.25 0.00	27.51 1.19 0.00	28.42 1.04 0.00	26.93 0.93 0.00
MAPLE_RIDGE_WT_1 323574	27.46 0.11 0.00	28.75 0.17 0.00	31.49 0.20 0.00	28.92 0.17 0.00	27.45 0.14 0.00	31.10 0.10 0.00	33.68 0.00 0.00	30.69 -0.08 0.00	27.93 -0.02 0.00	25.24 -0.01 0.00	25.20 0.04 0.00	25.48 0.10 0.00	23.11 0.13 0.00	22.15 0.05 0.00	23.34 -0.06 0.00	27.28 -0.26 0.00	29.22 -0.51 0.00	35.66 -1.02 0.00	28.77 -0.91 0.00	22.58 -0.73 0.00	22.24 -0.65 0.00	25.61 -0.70 0.00	26.63 -0.75 0.00	25.31 -0.69 0.00
MAPLE_RIDGE_WT_2 323611	27.46 0.11 0.00	28.75 0.17 0.00	31.49 0.20 0.00	28.92 0.17 0.00	27.45 0.14 0.00	31.10 0.10 0.00	33.68 0.00 0.00	30.69 -0.08 0.00	27.93 -0.02 0.00	25.24 -0.01 0.00	25.20 0.04 0.00	25.48 0.10 0.00	23.11 0.13 0.00	22.15 0.05 0.00	23.34 -0.06 0.00	27.28 -0.26 0.00	29.22 -0.51 0.00	35.66 -1.02 0.00	28.77 -0.91 0.00	22.58 -0.73 0.00	22.24 -0.65 0.00	25.61 -0.70 0.00	26.63 -0.75 0.00	25.31 -0.69 0.00
MARBLE_RIVER_WT_PWR 323696	28.65 1.30 0.00	30.05 1.46 0.00	32.93 1.64 0.00	30.25 1.51 0.00	28.66 1.35 0.00	32.21 1.21 0.00	34.66 0.98 0.00	31.55 0.77 0.00	28.70 0.75 0.00	25.89 0.64 0.00	26.00 0.84 0.00	26.46 1.09 0.00	24.00 1.02 0.00	23.00 0.89 0.00	24.14 0.74 0.00	28.28 0.73 0.00	30.43 0.70 0.00	37.23 0.56 0.00	29.91 0.23 0.00	23.55 0.24 0.00	23.19 0.30 0.00	26.70 0.39 0.00	27.84 0.46 0.00	26.59 0.59 0.00
MARSHVLE_115KV_TB1 80742	28.99 1.64 0.00	30.25 1.66 0.00	33.13 1.83 0.00	30.38 1.63 0.00	28.86 1.55 0.00	32.79 1.79 0.00	35.48 1.80 0.00	32.40 1.63 0.00	29.43 1.48 0.00	26.63 1.39 0.00	26.54 1.39 0.00	26.65 1.28 0.00	24.01 1.03 0.00	22.93 0.83 0.00	24.23 0.82 0.00	28.59 1.05 0.00	31.10 1.37 0.00	38.24 1.56 0.00	30.87 1.19 0.00	24.18 0.87 0.00	23.66 0.78 0.00	27.33 1.01 0.00	28.73 1.34 0.00	27.28 1.28 0.00
MARSH_HILL_WT_PWR 323713	27.06 -0.41 -0.12	27.84 -0.78 -0.03	30.56 -0.73 0.00	27.98 -0.77 0.00	26.54 -0.77 0.00	30.04 -0.99 -0.02	32.46 -1.25 -0.02	29.33 -1.45 0.00	26.51 -1.58 -0.14	23.84 -1.57 -0.16	23.80 -1.37 -0.01	23.92 -1.46 0.00	21.75 -1.65 -0.42	20.69 -1.45 -0.04	22.13 -1.30 -0.03	26.30 -1.24 0.00	27.89 -1.84 0.00	34.01 -2.67 0.00	27.18 -2.50 0.00	21.03 -2.28 0.00	20.29 -2.39 0.20	24.67 -2.76 -1.12	24.52 -2.87 0.00	23.48 -2.52 0.00
MCINTYRE_115KV_TB2 80467	28.40 1.05 0.00	29.80 1.21 0.00	32.68 1.39 0.00	29.96 1.22 0.00	28.35 1.04 0.00	31.90 0.89 0.00	34.35 0.67 0.00	31.18 0.40 0.00	28.47 0.52 0.00	25.70 0.46 0.00	25.86 0.71 0.00	26.29 0.91 0.00	23.97 0.99 0.00	23.03 0.93 0.00	24.30 0.90 0.00	28.25 0.70 0.00	30.25 0.52 0.00	37.13 0.45 0.00	29.97 0.30 0.00	23.50 0.19 0.00	23.26 0.38 0.00	27.05 0.74 0.00	28.29 0.91 0.00	26.82 0.82 0.00
MECO_____69_KV_BK1 80468	30.08 2.73 0.00	31.33 2.74 0.00	34.29 2.99 0.00	31.49 2.74 0.00	29.92 2.62 0.00	34.13 3.12 0.00	37.32 3.64 0.00	34.19 3.42 0.00	30.97 3.02 0.00	27.99 2.74 0.00	27.60 2.45 0.00	27.15 1.78 0.00	24.53 1.55 0.00	23.50 1.40 0.00	24.91 1.51 0.00	30.17 2.63 0.00	32.96 3.23 0.00	40.72 4.04 0.00	32.86 3.18 0.00	25.73 2.42 0.00	25.15 2.27 0.00	28.86 2.54 0.00	30.05 2.67 0.00	28.41 2.41 0.00
MENANDS___115KV_TB5 355628	28.13 0.78 0.00	29.31 0.72 0.00	32.02 0.73 0.00	29.46 0.71 0.00	27.98 0.67 0.00	31.87 0.87 0.00	34.86 1.18 0.00	32.08 1.30 0.00	29.03 1.08 0.00	26.18 0.93 0.00	25.88 0.72 0.00	26.00 0.62 0.00	23.51 0.44 -0.09	22.59 0.48 0.00	23.96 0.56 0.00	28.38 0.84 0.00	30.86 1.13 0.00	38.34 1.67 0.00	31.11 1.43 0.00	24.52 1.21 0.00	24.05 1.17 0.00	27.40 1.09 0.00	28.32 0.94 0.00	26.83 0.83 0.00
MG INDUSTRY___DRP 24185	28.24 0.89 0.00	29.44 0.85 0.00	32.18 0.89 0.00	29.59 0.84 0.00	28.10 0.80 0.00	32.00 1.00 0.00	34.96 1.28 0.00	32.11 1.34 0.00	29.05 1.10 0.00	26.21 0.96 0.00	25.93 0.77 0.00	26.04 0.66 0.00	23.47 0.48 0.00	22.63 0.53 0.00	24.01 0.61 0.00	28.43 0.89 0.00	30.90 1.17 0.00	38.33 1.65 0.00	31.09 1.41 0.00	24.48 1.17 0.00	24.00 1.12 0.00	27.39 1.07 0.00	28.33 0.95 0.00	26.86 0.86 0.00
MID___OSWEGATCHIE_HYD 23849	27.48 0.13 0.00	28.76 0.18 0.00	31.52 0.22 0.00	28.93 0.17 0.00	27.40 0.09 0.00	30.93 -0.08 0.00	33.49 -0.19 0.00	30.55 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.18 0.00	25.10 -0.06 0.00	25.36 -0.01 0.00	22.96 -0.02 0.00	21.93 -0.17 0.00	23.00 -0.40 0.00	26.86 -0.68 0.00	28.88 -0.85 0.00	35.61 -1.06 0.00	28.53 -1.14 0.00	22.40 -0.90 0.00	22.10 -0.79 0.00	25.61 -0.71 0.00	26.98 -0.40 0.00	25.61 -0.38 0.00
MID___RAQUETTE_HYD 23851	27.85 0.50 0.00	29.22 0.63 0.00	32.04 0.75 0.00	29.39 0.64 0.00	27.76 0.45 0.00	31.08 0.07 0.00	33.33 -0.36 0.00	30.28 -0.50 0.00	27.64 -0.31 0.00	24.97 -0.28 0.00	25.19 0.03 0.00	25.63 0.26 0.00	23.34 0.35 0.00	22.38 0.27 0.00	23.52 0.12 0.00	27.31 -0.24 0.00	29.21 -0.52 0.00	35.85 -0.83 0.00	28.89 -0.79 0.00	22.71 -0.60 0.00	22.51 -0.37 0.00	26.19 -0.12 0.00	27.55 0.17 0.00	26.19 0.19 0.00

MILLIKEN___1 23584	27.70 0.35 0.00	28.76 0.17 0.00	31.45 0.16 0.00	28.90 0.15 0.00	27.45 0.15 0.00	31.37 0.37 0.00	34.35 0.66 0.00	31.47 0.70 0.00	28.39 0.44 0.00	25.63 0.38 0.00	25.48 0.32 0.00	25.54 0.16 0.00	23.01 0.02 0.00	22.02 -0.08 0.00	23.42 0.02 0.00	27.79 0.24 0.00	30.18 0.45 0.00	37.32 0.64 0.00	30.11 0.43 0.00	23.54 0.23 0.00	23.24 0.13 -0.22	26.45 0.05 -0.08	27.30 -0.08 0.00	26.30 0.00 -0.30
MILLIKEN___2 23585	27.70 0.35 0.00	28.76 0.17 0.00	31.45 0.16 0.00	28.90 0.15 0.00	27.45 0.15 0.00	31.37 0.37 0.00	34.35 0.66 0.00	31.47 0.70 0.00	28.39 0.44 0.00	25.63 0.38 0.00	25.48 0.32 0.00	25.54 0.16 0.00	23.01 0.02 0.00	22.02 -0.08 0.00	23.42 0.02 0.00	27.79 0.24 0.00	30.18 0.45 0.00	37.32 0.64 0.00	30.11 0.43 0.00	23.54 0.23 0.00	23.24 0.13 -0.22	26.45 0.05 -0.08	27.30 -0.08 0.00	26.30 0.00 -0.30
MILLIKEN___DIESEL 23629	27.70 0.35 0.00	28.76 0.17 0.00	31.45 0.16 0.00	28.90 0.15 0.00	27.45 0.15 0.00	31.37 0.37 0.00	34.35 0.66 0.00	31.47 0.70 0.00	28.39 0.44 0.00	25.63 0.38 0.00	25.48 0.32 0.00	25.54 0.16 0.00	23.01 0.02 0.00	22.02 -0.08 0.00	23.42 0.02 0.00	27.79 0.24 0.00	30.18 0.45 0.00	37.32 0.64 0.00	30.11 0.43 0.00	23.54 0.23 0.00	23.24 0.13 -0.22	26.45 0.05 -0.08	27.30 -0.08 0.00	26.30 0.00 -0.30
MILLSEAT___LFGE 323607	25.91 -1.02 0.41	26.99 -1.49 0.11	29.57 -1.73 0.00	27.02 -1.73 0.00	25.72 -1.58 0.00	29.26 -1.67 0.08	31.84 -1.77 0.08	28.79 -1.99 0.00	25.60 -1.87 0.48	22.85 -1.82 0.58	23.49 -1.62 0.04	23.70 -1.67 0.00	19.83 -1.70 1.46	20.47 -1.51 0.12	21.94 -1.35 0.11	26.04 -1.51 0.00	27.93 -1.81 0.00	34.17 -2.51 0.00	27.44 -2.23 0.00	21.51 -1.81 0.00	20.69 -1.94 0.25	23.72 -2.42 0.18	24.93 -2.45 0.00	22.68 -2.09 1.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.70 1.35 0.00	29.85 1.26 0.00	32.54 1.25 0.00	29.95 1.21 0.00	28.47 1.16 0.00	32.44 1.44 0.00	35.72 2.04 0.00	33.08 2.30 0.00	29.82 1.87 0.00	26.95 1.71 0.00	26.68 1.53 0.00	26.74 1.36 0.00	24.58 0.97 -0.62	23.11 1.01 0.00	24.56 1.17 0.00	29.32 1.78 0.00	32.03 2.30 0.00	39.60 2.92 0.00	32.13 2.45 0.00	25.16 1.85 0.00	24.60 1.71 0.00	28.01 1.70 0.00	28.85 1.47 0.00	27.23 1.23 0.00
MILLWOOD_13_KV_LOAD 356217	28.76 1.41 0.00	29.90 1.32 0.00	32.61 1.31 0.00	30.01 1.27 0.00	28.52 1.22 0.00	32.51 1.51 0.00	35.80 2.12 0.00	33.16 2.38 0.00	29.89 1.94 0.00	27.01 1.76 0.00	26.75 1.59 0.00	26.81 1.43 0.00	24.64 1.03 -0.62	23.16 1.06 0.00	24.62 1.22 0.00	29.41 1.86 0.00	32.11 2.38 0.00	39.70 3.02 0.00	32.22 2.54 0.00	25.22 1.91 0.00	24.66 1.77 0.00	28.09 1.77 0.00	28.91 1.52 0.00	27.29 1.29 0.00
MODEL_CITY_ENERGY 24167	24.96 -1.91 0.48	26.04 -2.41 0.13	28.54 -2.75 0.00	26.08 -2.67 0.00	24.82 -2.49 0.00	28.15 -2.76 0.09	30.52 -3.07 0.09	27.45 -3.33 0.00	24.32 -3.06 0.56	21.70 -2.87 0.67	22.46 -2.65 0.05	22.71 -2.67 0.00	18.80 -2.49 1.70	19.71 -2.25 0.15	21.15 -2.12 0.13	25.01 -2.53 0.00	26.72 -3.01 0.00	32.64 -4.04 0.00	26.21 -3.47 0.00	20.57 -2.74 0.00	19.76 -2.84 0.29	22.67 -3.42 0.22	23.95 -3.43 0.00	21.61 -2.96 1.43
MODERN_LFGE___ 323580	24.96 -1.91 0.48	26.04 -2.41 0.13	28.54 -2.75 0.00	26.08 -2.67 0.00	24.82 -2.49 0.00	28.15 -2.76 0.09	30.52 -3.07 0.09	27.45 -3.33 0.00	24.32 -3.06 0.56	21.70 -2.87 0.67	22.46 -2.65 0.05	22.71 -2.67 0.00	18.80 -2.49 1.70	19.71 -2.25 0.15	21.15 -2.12 0.13	25.01 -2.53 0.00	26.72 -3.01 0.00	32.64 -4.04 0.00	26.21 -3.47 0.00	20.57 -2.74 0.00	19.76 -2.84 0.29	22.67 -3.42 0.22	23.95 -3.43 0.00	21.61 -2.96 1.43
MOHAWK_PAPER___DRP 24187	28.24 0.89 0.00	29.42 0.83 0.00	32.15 0.85 0.00	29.57 0.82 0.00	28.09 0.78 0.00	31.98 0.98 0.00	35.00 1.32 0.00	32.22 1.44 0.00	29.16 1.21 0.00	26.30 1.05 0.00	26.00 0.85 0.00	26.12 0.75 0.00	23.62 0.55 -0.09	22.68 0.57 0.00	24.06 0.66 0.00	28.51 0.97 0.00	31.00 1.26 0.00	38.50 1.82 0.00	31.23 1.56 0.00	24.61 1.30 0.00	24.13 1.25 0.00	27.51 1.19 0.00	28.42 1.04 0.00	26.93 0.93 0.00
MOHICAN___35_KV_115KV_LD 80490	28.53 1.18 0.00	29.75 1.16 0.00	32.67 1.38 0.00	30.07 1.32 0.00	28.43 1.13 0.00	32.45 1.45 0.00	35.48 1.80 0.00	32.64 1.86 0.00	29.61 1.66 0.00	26.65 1.40 0.00	26.33 1.17 0.00	26.52 1.15 0.00	23.88 0.90 0.00	22.97 0.87 0.00	24.31 0.91 0.00	28.98 1.44 0.00	31.39 1.66 0.00	38.83 2.15 0.00	31.42 1.74 0.00	24.71 1.40 0.00	24.19 1.31 0.00	27.56 1.25 0.00	28.47 1.09 0.00	26.94 0.95 0.00
MONGAUP___HYD 23641	28.75 1.40 0.00	29.89 1.30 0.00	32.55 1.26 0.00	30.01 1.27 0.00	28.38 1.07 0.00	32.23 1.23 0.00	35.15 1.47 0.00	32.57 1.79 0.00	29.32 1.37 0.00	26.42 1.17 0.00	26.28 1.12 0.00	26.39 1.02 0.00	22.91 0.51 0.58	22.69 0.58 0.00	24.33 0.93 0.00	28.86 1.32 0.00	31.43 1.70 0.00	39.00 2.32 0.00	31.62 1.94 0.00	24.74 1.43 0.00	24.16 1.28 0.00	27.63 1.32 0.00	28.62 1.23 0.00	27.20 1.20 0.00
MONTAUK___DIESEL 23721	31.07 3.71 -0.01	32.13 3.54 0.00	34.99 3.70 0.00	32.29 3.54 0.00	36.78 3.42 -6.05	72.37 4.10 -37.27	87.55 4.96 -48.91	79.06 5.11 -43.17	67.12 4.26 -34.91	37.72 3.75 -8.72	32.92 3.47 -4.30	28.58 3.18 -0.03	37.05 2.61 -11.45	33.02 2.67 -8.26	45.57 2.97 -19.20	68.12 4.12 -36.46	62.61 5.05 -27.84	109.58 6.32 -66.57	388.63 4.93 -354.02	116.67 3.85 -89.51	67.62 3.56 -41.18	43.55 3.76 -13.47	30.96 3.57 -0.01	29.09 3.10 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.47 -0.88 0.00	27.21 -1.38 0.00	29.85 -1.44 0.00	27.19 -1.56 0.00	25.57 -1.74 0.00	29.14 -1.86 0.00	31.87 -1.81 0.00	28.60 -2.17 0.00	25.61 -2.34 0.00	23.11 -2.14 0.00	23.26 -1.90 0.00	23.68 -1.70 0.00	21.29 -1.69 0.00	20.73 -1.38 0.00	22.29 -1.11 0.00	26.28 -1.27 0.00	28.02 -1.72 0.00	34.13 -2.55 0.00	27.02 -2.66 0.00	21.11 -2.20 0.00	20.46 -2.34 0.08	23.17 -2.86 0.29	24.36 -3.02 0.00	23.41 -2.48 0.11
MORTIMER_115KV_TB3 55949	26.36 -0.99 0.00	27.29 -1.30 0.00	29.82 -1.48 0.00	27.29 -1.46 0.00	25.92 -1.39 0.00	29.59 -1.41 0.00	32.31 -1.38 0.00	29.32 -1.46 0.00	26.53 -1.42 0.00	23.89 -1.35 0.00	23.92 -1.23 0.00	24.09 -1.28 0.00	21.73 -1.26 0.00	20.91 -1.20 0.00	22.31 -1.09 0.00	26.36 -1.19 0.00	28.36 -1.37 0.00	34.83 -1.85 0.00	28.03 -1.64 0.00	21.96 -1.35 0.00	21.37 -1.46 0.05	24.51 -1.80 0.00	25.56 -1.82 0.00	24.38 -1.55 0.07
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.77 1.43 0.00	29.92 1.33 0.00	32.61 1.31 0.00	30.02 1.27 0.00	28.52 1.21 0.00	32.51 1.51 0.00	35.85 2.17 0.00	33.22 2.45 0.00	29.94 2.00 0.00	27.10 1.85 0.00	26.86 1.70 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.15 0.00	24.71 1.31 0.00	29.49 1.95 0.00	32.20 2.47 0.00	39.79 3.11 0.00	32.31 2.63 0.00	25.29 1.98 0.00	24.71 1.83 0.00	28.14 1.82 0.00	28.95 1.56 0.00	27.29 1.30 0.00

MUNSVILLE_WIND_PWR 323609	29.78 2.28 -0.14	30.75 2.12 -0.04	33.61 2.31 0.00	30.85 2.10 0.00	29.34 2.03 0.00	33.81 2.78 -0.03	37.21 3.50 -0.03	34.23 3.45 0.00	30.87 2.75 -0.17	27.72 2.28 -0.20	27.20 2.03 -0.01	27.17 1.79 0.00	24.68 1.20 -0.50	23.06 0.91 -0.04	24.66 1.22 -0.04	29.16 1.61 0.00	31.80 2.07 0.00	39.14 2.46 0.00	31.44 1.77 0.00	24.63 1.32 0.00	24.10 1.03 -0.19	27.54 1.17 -0.06	28.33 0.95 0.00	27.34 0.77 -0.57
N SALMON___HYD 24042	28.82 1.47 0.00	30.21 1.62 0.00	33.11 1.81 0.00	30.39 1.64 0.00	28.77 1.47 0.00	32.34 1.34 0.00	34.81 1.13 0.00	31.72 0.94 0.00	28.87 0.92 0.00	26.04 0.79 0.00	26.18 1.02 0.00	26.64 1.26 0.00	24.18 1.20 0.00	23.17 1.07 0.00	24.31 0.91 0.00	28.44 0.89 0.00	30.56 0.83 0.00	37.43 0.75 0.00	30.11 0.44 0.00	23.71 0.41 0.00	23.38 0.50 0.00	26.97 0.66 0.00	28.16 0.78 0.00	26.82 0.82 0.00
N.AKRON__115KV_KNAPP 355671	26.17 -1.18 0.00	26.94 -1.65 0.00	29.39 -1.91 0.00	26.85 -1.90 0.00	25.52 -1.79 0.00	29.17 -1.84 0.00	31.76 -1.92 0.00	28.58 -2.20 0.00	25.86 -2.08 0.00	23.22 -2.03 0.00	23.34 -1.81 0.00	23.51 -1.87 0.00	21.17 -1.81 0.00	20.52 -1.58 0.00	21.94 -1.46 0.00	25.84 -1.70 0.00	27.69 -2.04 0.00	33.86 -2.82 0.00	27.18 -2.49 0.00	21.31 -2.00 0.00	20.67 -2.15 0.07	23.50 -2.63 0.19	24.73 -2.66 0.00	23.65 -2.26 0.09
N.BELMOR_69_KV_BK1 55787	29.43 2.07 -0.01	30.49 1.90 0.00	33.23 1.94 0.00	30.69 1.94 0.00	34.32 1.86 -5.15	65.02 2.29 -31.73	79.42 2.90 -42.84	73.73 3.12 -39.83	66.11 2.59 -35.57	36.34 2.35 -8.74	31.64 2.18 -4.31	27.38 1.97 -0.03	36.79 1.58 -12.23	34.47 1.59 -10.77	45.45 1.81 -20.24	68.90 2.50 -38.85	64.71 3.10 -31.88	122.75 3.92 -82.15	452.23 3.33 -419.21	130.30 2.50 -104.49	79.55 2.30 -54.36	43.08 2.38 -14.38	29.59 2.20 -0.01	27.86 1.86 0.00
N.E_GEN_SANDY PD 24062	47.53 1.61 -18.57	44.33 1.55 -14.19	48.04 1.56 -15.18	41.11 1.48 -10.89	40.82 1.45 -12.06	44.15 1.75 -11.40	90.39 2.31 -54.41	133.41 2.47 -100.16	115.37 2.06 -85.36	45.83 1.78 -18.80	44.75 1.57 -18.03	34.67 1.42 -7.87	32.61 1.07 -8.55	38.72 1.07 -15.54	40.82 1.27 -16.15	30.83 1.94 -1.35	37.33 2.19 -5.41	40.61 2.20 -1.74	31.59 1.91 0.00	25.00 1.56 -0.12	24.60 1.48 -0.24	27.97 1.42 -0.23	28.66 1.24 -0.05	27.45 1.09 -0.36
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.52 1.16 0.00	29.70 1.12 0.00	32.46 1.17 0.00	29.92 1.17 0.00	28.44 1.13 0.00	32.40 1.40 0.00	35.66 1.97 0.00	33.04 2.26 0.00	29.76 1.82 0.00	26.90 1.65 0.00	26.64 1.49 0.00	26.69 1.32 0.00	22.98 0.92 0.00	23.05 0.95 0.00	24.51 1.11 0.00	29.28 1.73 0.00	32.01 2.28 0.00	39.60 2.92 0.00	32.10 2.43 0.00	25.13 1.82 0.00	24.56 1.68 0.00	27.99 1.67 0.00	28.82 1.44 0.00	27.20 1.20 0.00
N.QUEENS_27_KV_LOAD 356247	28.63 1.28 0.00	29.76 1.17 0.00	32.35 1.06 0.00	29.83 1.08 0.00	28.30 0.99 0.00	32.33 1.33 0.00	35.70 2.02 0.00	33.20 2.43 0.00	29.92 1.97 0.00	27.10 1.85 0.00	26.86 1.71 0.00	26.87 1.50 0.00	24.66 1.13 -0.55	23.28 1.18 0.00	24.72 1.32 0.00	29.44 1.90 0.00	32.13 2.40 0.00	39.71 3.04 0.00	32.40 2.73 0.00	25.29 1.98 0.00	24.76 1.87 0.00	28.10 1.79 0.00	28.93 1.54 0.00	27.27 1.27 0.00
N.TROY___115KV_TB1 355778	28.53 1.17 0.00	29.73 1.14 0.00	32.46 1.17 0.00	29.86 1.11 0.00	28.39 1.08 0.00	32.31 1.31 0.00	35.37 1.68 0.00	32.55 1.77 0.00	29.45 1.50 0.00	26.51 1.27 0.00	26.27 1.11 0.00	26.39 1.02 0.00	23.86 0.79 -0.09	22.88 0.78 0.00	24.30 0.90 0.00	28.89 1.35 0.00	31.22 1.49 0.00	38.49 1.81 0.00	31.23 1.55 0.00	24.61 1.30 0.00	24.13 1.24 0.00	27.51 1.20 0.00	28.45 1.06 0.00	26.94 0.94 0.00
NARROWS_GT1_1 24228	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT1_2 24229	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT1_3 24230	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT1_4 24231	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT1_5 24232	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT1_6 24233	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT1_7 24234	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00

NARROWS_GT1_8 24235	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_1 24236	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_2 24237	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_3 24238	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_4 24239	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_5 24240	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_6 24241	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_7 24242	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NARROWS_GT2_8 24243	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.12 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.08 1.73 0.00	30.28 1.69 0.00	33.10 1.81 0.00	30.42 1.67 0.00	28.91 1.61 0.00	32.97 1.97 0.00	36.08 2.40 0.00	33.17 2.39 0.00	30.03 2.08 0.00	27.02 1.77 0.00	26.53 1.37 0.00	26.52 1.14 0.00	23.87 0.88 0.00	23.20 1.10 0.00	24.62 1.22 0.00	29.22 1.68 0.00	31.85 2.12 0.00	39.62 2.94 0.00	32.08 2.41 0.00	25.27 1.96 0.00	24.77 1.89 0.00	28.19 1.88 0.00	29.11 1.73 0.00	27.57 1.57 0.00
NCHELSEA_115KV_TR2 355582	28.93 1.58 0.00	30.08 1.49 0.00	32.82 1.53 0.00	30.21 1.46 0.00	28.71 1.40 0.00	32.74 1.74 0.00	36.03 2.35 0.00	33.34 2.56 0.00	30.05 2.11 0.00	27.12 1.88 0.00	26.80 1.64 0.00	26.87 1.49 0.00	24.10 1.11 0.00	23.25 1.15 0.00	24.73 1.33 0.00	29.52 1.97 0.00	32.24 2.51 0.00	39.89 3.21 0.00	32.36 2.69 0.00	25.35 2.05 0.00	24.79 1.91 0.00	28.23 1.91 0.00	29.07 1.68 0.00	27.44 1.44 0.00
NEG CAPITAL___MECHNVIL 23645	28.69 1.34 0.00	29.89 1.31 0.00	32.71 1.41 0.00	30.08 1.33 0.00	28.56 1.25 0.00	32.55 1.54 0.00	35.62 1.94 0.00	32.78 2.00 0.00	29.69 1.74 0.00	26.73 1.49 0.00	26.49 1.33 0.00	26.61 1.24 0.00	24.06 0.99 -0.09	23.07 0.97 0.00	24.48 1.08 0.00	29.12 1.58 0.00	31.52 1.79 0.00	38.93 2.26 0.00	31.55 1.88 0.00	24.82 1.51 0.00	24.31 1.43 0.00	27.73 1.42 0.00	28.65 1.27 0.00	27.12 1.12 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.90 -1.27 0.18	26.90 -1.64 0.05	29.45 -1.84 0.00	27.01 -1.74 0.00	25.68 -1.63 0.00	29.22 -1.75 0.04	31.99 -1.66 0.03	29.14 -1.63 0.00	26.15 -1.58 0.21	23.53 -1.46 0.25	23.75 -1.39 0.02	23.91 -1.46 0.00	20.92 -1.42 0.64	20.70 -1.35 0.06	22.05 -1.30 0.05	26.08 -1.46 0.00	28.13 -1.60 0.00	34.57 -2.11 0.00	27.86 -1.82 0.00	21.82 -1.49 0.00	21.18 -1.59 0.12	24.37 -1.94 0.00	25.37 -2.01 0.00	23.69 -1.74 0.56
NEG CENTRAL___DRP 24199	27.11 -0.25 0.00	28.07 -0.52 0.00	30.70 -0.59 0.00	28.18 -0.57 0.00	26.76 -0.55 0.00	30.54 -0.47 0.00	33.45 -0.23 0.00	30.53 -0.25 0.00	27.54 -0.41 0.00	24.92 -0.33 0.00	24.78 -0.38 0.00	24.90 -0.48 0.00	22.41 -0.58 0.00	21.53 -0.57 0.00	22.90 -0.50 0.00	27.14 -0.40 0.00	29.36 -0.38 0.00	36.18 -0.50 0.00	29.24 -0.44 0.00	22.86 -0.45 0.00	22.25 -0.57 0.06	25.66 -0.75 -0.10	26.52 -0.86 0.00	25.24 -0.67 0.09
NEG CENTRAL___INDECK 23768	27.34 -0.01 0.00	28.27 -0.32 0.00	30.93 -0.37 0.00	28.32 -0.43 0.00	26.95 -0.35 0.00	30.68 -0.32 0.00	33.50 -0.18 0.00	30.45 -0.33 0.00	27.47 -0.48 0.00	24.58 -0.67 0.00	24.57 -0.58 0.00	24.62 -0.76 0.00	21.96 -1.02 0.00	21.11 -0.99 0.00	22.56 -0.84 0.00	27.08 -0.46 0.00	29.21 -0.52 0.00	35.91 -0.77 0.00	28.82 -0.86 0.00	22.47 -0.83 0.00	21.73 -1.01 0.14	25.91 -1.32 -0.92	25.97 -1.42 0.00	24.62 -1.20 0.19



NEG CENTRAL___SENECA 23627	27.18 -0.17 0.00	28.08 -0.51 0.00	30.73 -0.56 0.00	28.19 -0.57 0.00	26.77 -0.54 0.00	30.54 -0.46 0.00	33.46 -0.22 0.00	30.52 -0.26 0.00	27.50 -0.45 0.00	24.88 -0.36 0.00	24.77 -0.39 0.00	24.87 -0.50 0.00	22.35 -0.63 0.00	21.48 -0.62 0.00	22.89 -0.51 0.00	27.13 -0.41 0.00	29.33 -0.40 0.00	36.09 -0.59 0.00	29.17 -0.51 0.00	22.80 -0.51 0.00	22.10 -0.66 0.12	25.60 -0.87 -0.15	26.38 -1.00 0.00	25.05 -0.79 0.16
NEG CENTRAL___STATE_STREET 24147	27.24 -0.11 0.00	28.28 -0.31 0.00	30.94 -0.36 0.00	28.43 -0.32 0.00	26.93 -0.38 0.00	30.82 -0.18 0.00	33.73 0.05 0.00	30.81 0.03 0.00	27.83 -0.12 0.00	25.16 -0.09 0.00	25.05 -0.11 0.00	25.18 -0.20 0.00	22.69 -0.29 0.00	21.73 -0.37 0.00	23.11 -0.29 0.00	27.40 -0.15 0.00	29.58 -0.14 0.00	36.62 -0.06 0.00	29.59 -0.09 0.00	23.09 -0.22 0.00	22.64 -0.26 -0.02	25.98 -0.37 -0.04	26.85 -0.53 0.00	25.71 -0.31 -0.03
NEG MILLWOOD___DRP 24198	29.03 1.68 0.00	30.17 1.58 0.00	32.93 1.64 0.00	30.32 1.57 0.00	28.81 1.51 0.00	32.87 1.86 0.00	36.19 2.51 0.00	33.52 2.74 0.00	30.21 2.26 0.00	27.27 2.02 0.00	26.95 1.79 0.00	27.00 1.63 0.00	24.38 1.23 -0.16	23.36 1.26 0.00	24.84 1.44 0.00	29.64 2.10 0.00	32.39 2.66 0.00	40.08 3.41 0.00	32.53 2.85 0.00	25.48 2.17 0.00	24.91 2.03 0.00	28.35 2.04 0.00	29.18 1.80 0.00	27.53 1.53 0.00
NEG NORTH_FLCN_SEA 23793	29.07 1.72 0.00	30.48 1.89 0.00	33.41 2.11 0.00	30.70 1.95 0.00	29.05 1.75 0.00	32.54 1.54 0.00	34.97 1.29 0.00	31.88 1.10 0.00	28.96 1.01 0.00	26.13 0.88 0.00	26.23 1.08 0.00	26.73 1.35 0.00	24.19 1.21 0.00	23.18 1.08 0.00	24.32 0.92 0.00	28.56 1.02 0.00	30.80 1.07 0.00	37.70 1.03 0.00	30.26 0.58 0.00	23.83 0.52 0.00	23.44 0.55 0.00	26.92 0.60 0.00	28.05 0.66 0.00	26.89 0.89 0.00
NEG NORTH_KES_CHATEGAY 23792	28.71 1.36 0.00	30.10 1.51 0.00	33.01 1.71 0.00	30.30 1.55 0.00	28.71 1.40 0.00	32.28 1.27 0.00	34.73 1.05 0.00	31.62 0.84 0.00	28.78 0.82 0.00	25.97 0.72 0.00	26.07 0.91 0.00	26.55 1.17 0.00	24.09 1.10 0.00	23.08 0.98 0.00	24.24 0.84 0.00	28.38 0.83 0.00	30.50 0.77 0.00	37.31 0.63 0.00	30.01 0.33 0.00	23.64 0.33 0.00	23.28 0.40 0.00	26.84 0.52 0.00	27.97 0.59 0.00	26.69 0.69 0.00
NEG NORTH___ALICE_FALLS 23915	29.11 1.75 0.00	30.51 1.92 0.00	33.43 2.14 0.00	30.72 1.97 0.00	29.09 1.78 0.00	32.65 1.65 0.00	35.16 1.48 0.00	32.06 1.28 0.00	29.14 1.19 0.00	26.33 1.08 0.00	26.43 1.28 0.00	26.90 1.53 0.00	24.37 1.38 0.00	23.34 1.24 0.00	24.50 1.10 0.00	28.76 1.21 0.00	31.00 1.27 0.00	37.96 1.29 0.00	30.49 0.81 0.00	24.01 0.70 0.00	23.60 0.72 0.00	27.10 0.79 0.00	28.23 0.85 0.00	27.00 1.00 0.00
NEG NORTH___LWR_SARANAC 23913	29.11 1.75 0.00	30.51 1.92 0.00	33.43 2.14 0.00	30.72 1.97 0.00	29.09 1.78 0.00	32.65 1.65 0.00	35.16 1.48 0.00	32.06 1.28 0.00	29.14 1.19 0.00	26.33 1.08 0.00	26.43 1.28 0.00	26.90 1.53 0.00	24.37 1.38 0.00	23.34 1.24 0.00	24.50 1.10 0.00	28.76 1.21 0.00	31.00 1.27 0.00	37.96 1.29 0.00	30.49 0.81 0.00	24.01 0.70 0.00	23.60 0.72 0.00	27.10 0.79 0.00	28.23 0.85 0.00	27.00 1.00 0.00
NEG NORTH___PLATTSBURG 23628	29.11 1.76 0.00	30.51 1.92 0.00	33.43 2.14 0.00	30.72 1.97 0.00	29.09 1.79 0.00	32.65 1.65 0.00	35.16 1.48 0.00	32.05 1.28 0.00	29.14 1.19 0.00	26.33 1.08 0.00	26.43 1.28 0.00	26.90 1.53 0.00	24.37 1.38 0.00	23.34 1.24 0.00	24.50 1.10 0.00	28.76 1.21 0.00	31.00 1.27 0.00	37.96 1.28 0.00	30.49 0.81 0.00	24.01 0.70 0.00	23.60 0.72 0.00	27.10 0.79 0.00	28.23 0.85 0.00	27.00 1.00 0.00
NEG WEST_LEA_LOCKPORT 23791	25.75 -1.60 0.00	26.51 -2.08 0.00	28.91 -2.38 0.00	26.41 -2.34 0.00	25.07 -2.24 0.00	28.64 -2.37 0.00	31.12 -2.56 0.00	27.90 -2.88 0.00	25.25 -2.70 0.00	22.68 -2.57 0.00	22.82 -2.34 0.00	23.00 -2.38 0.00	20.77 -2.21 0.00	20.10 -2.00 0.00	21.56 -1.84 0.00	25.34 -2.20 0.00	27.09 -2.64 0.00	33.10 -3.57 0.00	26.57 -3.11 0.00	20.82 -2.49 0.00	20.21 -2.61 0.07	22.95 -3.14 0.22	24.24 -3.14 0.00	23.21 -2.69 0.09
NEG WEST___LANCASTER 23811	27.09 -0.27 0.00	27.88 -0.70 0.00	30.50 -0.80 0.00	27.87 -0.88 0.00	26.42 -0.89 0.00	30.05 -0.95 0.00	32.77 -0.92 0.00	29.64 -1.14 0.00	26.70 -1.25 0.00	24.05 -1.20 0.00	24.20 -0.95 0.00	24.40 -0.97 0.00	22.08 -0.91 0.00	21.24 -0.87 0.00	22.79 -0.61 0.00	26.88 -0.66 0.00	28.85 -0.88 0.00	35.26 -1.42 0.00	28.25 -1.43 0.00	22.09 -1.23 0.00	21.45 -1.35 0.08	24.40 -1.64 0.28	25.72 -1.67 0.00	24.58 -1.31 0.11
NEG_PENN_ALLEGHNY 23528	27.51 -0.05 -0.21	28.39 -0.25 -0.06	31.02 -0.27 0.00	28.48 -0.27 0.00	27.07 -0.24 0.00	30.88 -0.16 -0.04	33.75 0.03 -0.04	30.95 0.18 0.00	28.12 -0.08 -0.24	25.46 -0.07 -0.29	25.08 -0.10 -0.02	25.19 -0.18 0.00	23.38 -0.34 -0.73	21.86 -0.30 -0.06	23.21 -0.24 -0.06	27.48 -0.06 0.00	29.78 0.06 0.00	36.81 0.13 0.00	29.67 -0.01 0.00	23.23 -0.08 0.00	22.79 -0.19 -0.09	25.99 -0.32 0.00	26.94 -0.45 0.00	26.19 -0.39 -0.59
NEG___GEN_MONROE 24207	26.55 -0.80 0.00	27.45 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.49 -1.29 0.00	26.68 -1.27 0.00	24.01 -1.24 0.00	24.04 -1.12 0.00	24.21 -1.17 0.00	21.77 -1.22 0.00	20.95 -1.15 0.00	22.38 -1.02 0.00	26.49 -1.05 0.00	28.50 -1.23 0.00	35.01 -1.67 0.00	28.16 -1.51 0.00	22.05 -1.26 0.00	21.45 -1.39 0.05	24.55 -1.73 0.04	25.63 -1.75 0.00	24.45 -1.48 0.07
NEPA___ENERGY 23901	26.27 -1.09 0.00	27.03 -1.56 0.00	29.69 -1.60 0.00	27.13 -1.62 0.00	25.67 -1.63 0.00	29.28 -1.73 0.00	31.94 -1.74 0.00	29.03 -1.75 0.00	25.91 -2.04 0.00	23.37 -1.88 0.00	23.49 -1.67 0.00	23.73 -1.64 0.00	21.23 -1.76 0.00	20.61 -1.49 0.00	22.13 -1.27 0.00	26.23 -1.32 0.00	28.13 -1.60 0.00	34.66 -2.02 0.00	27.62 -2.06 0.00	21.52 -1.79 0.00	20.90 -1.90 0.08	23.79 -2.25 0.27	24.96 -2.43 0.00	23.76 -2.13 0.11
NEVERSink___HYD 23608	28.57 1.22 0.00	29.67 1.08 0.00	32.41 1.11 0.00	29.83 1.08 0.00	28.34 1.04 0.00	32.35 1.35 0.00	35.65 1.97 0.00	32.98 2.20 0.00	29.70 1.75 0.00	26.78 1.54 0.00	26.44 1.28 0.00	26.55 1.17 0.00	23.62 0.80 0.17	22.98 0.88 0.00	24.72 1.32 0.00	29.42 1.88 0.00	32.21 2.47 0.00	39.95 3.27 0.00	32.36 2.68 0.00	25.29 1.98 0.00	24.72 1.84 0.00	28.18 1.87 0.00	29.05 1.66 0.00	27.41 1.42 0.00
NEWKRMKL_115KV_TB1 55635	28.08 0.73 0.00	29.26 0.67 0.00	31.98 0.68 0.00	29.41 0.66 0.00	27.94 0.63 0.00	31.82 0.81 0.00	34.80 1.12 0.00	32.01 1.24 0.00	28.97 1.02 0.00	26.15 0.90 0.00	25.86 0.70 0.00	25.98 0.60 0.00	23.40 0.41 0.00	22.57 0.47 0.00	23.94 0.54 0.00	28.35 0.81 0.00	30.81 1.08 0.00	38.26 1.58 0.00	31.04 1.36 0.00	24.47 1.16 0.00	24.00 1.12 0.00	27.34 1.02 0.00	28.24 0.86 0.00	26.76 0.77 0.00

NEWTON___FALLS_HYD 23847	27.48 0.13 0.00	28.76 0.18 0.00	31.52 0.22 0.00	28.93 0.17 0.00	27.40 0.09 0.00	30.93 -0.08 0.00	33.49 -0.19 0.00	30.55 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.18 0.00	25.10 -0.06 0.00	25.36 -0.01 0.00	22.96 -0.02 0.00	21.93 -0.17 0.00	23.00 -0.40 0.00	26.86 -0.68 0.00	28.88 -0.85 0.00	35.61 -1.06 0.00	28.53 -1.14 0.00	22.40 -0.90 0.00	22.10 -0.79 0.00	25.61 -0.71 0.00	26.98 -0.40 0.00	25.61 -0.38 0.00
NGRID_A1_DSASP 323792	24.78 -2.06 0.51	25.89 -2.56 0.14	28.37 -2.92 0.00	25.92 -2.84 0.00	24.66 -2.64 0.00	27.96 -2.94 0.10	30.24 -3.34 0.10	27.05 -3.72 0.00	23.97 -3.38 0.60	21.40 -3.14 0.71	22.16 -2.95 0.05	22.40 -2.97 0.00	18.52 -2.68 1.79	19.47 -2.48 0.15	20.90 -2.37 0.13	24.69 -2.85 0.00	26.35 -3.38 0.00	32.16 -4.52 0.00	25.84 -3.84 0.00	20.29 -3.02 0.00	19.48 -3.11 0.30	22.37 -3.72 0.23	23.79 -3.59 0.00	21.43 -3.07 1.50
NGRID_A2_DSASP 323793	24.78 -2.06 0.51	25.89 -2.56 0.14	28.37 -2.92 0.00	25.92 -2.84 0.00	24.66 -2.64 0.00	27.96 -2.94 0.10	30.24 -3.34 0.10	27.05 -3.72 0.00	23.97 -3.38 0.60	21.40 -3.14 0.71	22.16 -2.95 0.05	22.40 -2.97 0.00	18.52 -2.68 1.79	19.47 -2.48 0.15	20.90 -2.37 0.13	24.69 -2.85 0.00	26.35 -3.38 0.00	32.16 -4.52 0.00	25.84 -3.84 0.00	20.29 -3.02 0.00	19.48 -3.11 0.30	22.37 -3.72 0.23	23.79 -3.59 0.00	21.43 -3.07 1.50
NGRID_A4_DSASP 323807	24.78 -2.06 0.51	25.89 -2.56 0.14	28.37 -2.92 0.00	25.92 -2.84 0.00	24.66 -2.64 0.00	27.96 -2.94 0.10	30.24 -3.34 0.10	27.05 -3.72 0.00	23.97 -3.38 0.60	21.40 -3.14 0.71	22.16 -2.95 0.05	22.40 -2.97 0.00	18.52 -2.68 1.79	19.47 -2.48 0.15	20.90 -2.37 0.13	24.69 -2.85 0.00	26.35 -3.38 0.00	32.16 -4.52 0.00	25.84 -3.84 0.00	20.29 -3.02 0.00	19.48 -3.11 0.30	22.37 -3.72 0.23	23.79 -3.59 0.00	21.43 -3.07 1.50
NIAGARA_115E_LBMP 323715	24.78 -2.08 0.50	25.86 -2.60 0.14	28.34 -2.95 0.00	25.89 -2.85 0.00	24.65 -2.66 0.00	27.94 -2.97 0.10	30.27 -3.31 0.09	27.21 -3.57 0.00	24.10 -3.27 0.58	21.49 -3.06 0.69	22.28 -2.83 0.05	22.53 -2.85 0.00	18.59 -2.65 1.75	19.55 -2.40 0.15	21.00 -2.27 0.13	24.82 -2.72 0.00	26.51 -3.22 0.00	32.37 -4.31 0.00	26.00 -3.68 0.00	20.41 -2.90 0.00	19.60 -2.99 0.29	22.49 -3.59 0.23	23.78 -3.60 0.00	21.42 -3.11 1.47
NIAGARA_115W_LBMP 323714	24.73 -2.11 0.51	25.84 -2.61 0.14	28.31 -2.98 0.00	25.86 -2.89 0.00	24.62 -2.69 0.00	27.91 -2.99 0.10	30.17 -3.41 0.10	26.98 -3.80 0.00	23.91 -3.44 0.59	21.35 -3.19 0.71	22.10 -3.01 0.05	22.35 -3.02 0.00	18.47 -2.73 1.79	19.42 -2.53 0.15	20.85 -2.42 0.13	24.62 -2.92 0.00	26.29 -3.44 0.00	32.08 -4.59 0.00	25.78 -3.90 0.00	20.24 -3.07 0.00	19.43 -3.15 0.30	22.32 -3.77 0.23	23.75 -3.64 0.00	21.39 -3.11 1.50
NIAGARA_230_LBMP 323716	24.98 -1.87 0.51	26.10 -2.35 0.14	28.63 -2.66 0.00	26.14 -2.61 0.00	24.86 -2.45 0.00	28.18 -2.72 0.10	30.56 -3.03 0.10	27.48 -3.29 0.00	24.31 -3.04 0.59	21.69 -2.85 0.71	22.49 -2.62 0.05	22.73 -2.65 0.00	18.78 -2.41 1.79	19.72 -2.23 0.15	21.18 -2.09 0.13	25.04 -2.50 0.00	26.75 -2.98 0.00	32.67 -4.00 0.00	26.25 -3.43 0.00	20.59 -2.72 0.00	19.77 -2.81 0.30	22.73 -3.37 0.22	24.05 -3.34 0.00	21.65 -2.86 1.49
NIAGARA___115KV_198_GIBSON 55903	25.24 -2.11 0.00	25.98 -2.61 0.00	28.31 -2.98 0.00	25.86 -2.88 0.00	24.56 -2.75 0.00	28.04 -2.96 0.00	30.37 -3.31 0.00	27.05 -3.73 0.00	24.53 -3.42 0.00	22.06 -3.19 0.00	22.15 -3.01 0.00	22.35 -3.02 0.00	20.26 -2.73 0.00	19.57 -2.53 0.00	21.00 -2.40 0.00	24.63 -2.92 0.00	26.29 -3.44 0.00	32.09 -4.59 0.00	25.78 -3.90 0.00	20.24 -3.07 0.00	19.67 -3.14 0.07	22.32 -3.77 0.23	23.75 -3.64 0.00	22.80 -3.11 0.09
NIAGARA____ 23760	24.98 -1.87 0.50	26.10 -2.35 0.14	28.63 -2.66 0.00	26.14 -2.61 0.00	24.86 -2.45 0.00	28.18 -2.72 0.10	30.56 -3.03 0.09	27.48 -3.29 0.00	24.32 -3.04 0.59	21.69 -2.85 0.70	22.49 -2.62 0.05	22.73 -2.65 0.00	18.80 -2.41 1.78	19.72 -2.23 0.15	21.18 -2.09 0.13	25.04 -2.50 0.00	26.75 -2.98 0.00	32.67 -4.00 0.00	26.25 -3.43 0.00	20.59 -2.72 0.00	19.77 -2.81 0.30	22.72 -3.37 0.22	24.05 -3.34 0.00	21.66 -2.86 1.48
NINE_MILE_1 23575	26.26 -1.09 0.00	27.34 -1.25 0.00	29.90 -1.39 0.00	27.46 -1.29 0.00	26.13 -1.18 0.00	29.70 -1.30 0.00	32.37 -1.31 0.00	29.63 -1.15 0.00	26.84 -1.11 0.00	24.27 -0.97 0.00	24.20 -0.96 0.00	24.36 -1.01 0.00	22.03 -0.96 0.00	21.18 -0.92 0.00	22.37 -1.03 0.00	26.43 -1.12 0.00	28.57 -1.16 0.00	35.26 -1.42 0.00	28.49 -1.19 0.00	22.35 -0.96 0.00	21.89 -1.00 0.00	25.12 -1.19 0.00	26.20 -1.18 0.00	25.04 -0.96 0.00
NINE_MILE_2 23744	26.26 -1.09 0.00	27.34 -1.24 0.00	29.90 -1.39 0.00	27.46 -1.29 0.00	26.13 -1.18 0.00	29.70 -1.30 0.00	32.37 -1.31 0.00	29.63 -1.15 0.00	26.84 -1.11 0.00	24.28 -0.97 0.00	24.20 -0.96 0.00	24.37 -1.01 0.00	22.03 -0.96 0.00	21.18 -0.92 0.00	22.37 -1.03 0.00	26.43 -1.11 0.00	28.57 -1.16 0.00	35.26 -1.42 0.00	28.49 -1.19 0.00	22.35 -0.96 0.00	21.89 -0.99 0.00	25.12 -1.19 0.00	26.21 -1.18 0.00	25.04 -0.96 0.00
NM_CAPITAL___DRP 24208	28.10 0.75 0.00	29.27 0.68 0.00	31.99 0.69 0.00	29.41 0.66 0.00	27.95 0.64 0.00	31.82 0.82 0.00	34.80 1.12 0.00	32.03 1.25 0.00	28.98 1.03 0.00	26.14 0.89 0.00	25.84 0.68 0.00	25.96 0.59 0.00	23.48 0.40 -0.09	22.55 0.45 0.00	23.93 0.53 0.00	28.34 0.79 0.00	30.81 1.08 0.00	38.28 1.60 0.00	31.06 1.38 0.00	24.48 1.18 0.00	24.02 1.14 0.00	27.36 1.05 0.00	28.28 0.90 0.00	26.79 0.80 0.00
NM_CENTRAL___DRP 24181	26.70 -0.66 0.00	27.76 -0.83 0.00	30.36 -0.94 0.00	27.88 -0.87 0.00	26.52 -0.79 0.00	30.20 -0.80 0.00	32.99 -0.69 0.00	30.22 -0.55 0.00	27.34 -0.61 0.00	24.71 -0.54 0.00	24.61 -0.55 0.00	24.77 -0.61 0.00	22.35 -0.63 0.00	21.48 -0.62 0.00	22.75 -0.65 0.00	26.91 -0.63 0.00	29.15 -0.58 0.00	35.98 -0.70 0.00	29.05 -0.63 0.00	22.77 -0.54 0.00	22.26 -0.62 0.00	25.56 -0.75 0.00	26.64 -0.75 0.00	25.42 -0.58 0.00
NM_FRONTIER___DRP 24179	25.24 -2.11 0.00	25.98 -2.61 0.00	28.31 -2.98 0.00	25.86 -2.88 0.00	24.56 -2.75 0.00	28.04 -2.96 0.00	30.37 -3.31 0.00	27.05 -3.73 0.00	24.53 -3.42 0.00	22.06 -3.19 0.00	22.15 -3.01 0.00	22.35 -3.02 0.00	20.26 -2.73 0.00	19.57 -2.53 0.00	21.00 -2.40 0.00	24.63 -2.92 0.00	26.29 -3.44 0.00	32.09 -4.59 0.00	25.78 -3.90 0.00	20.24 -3.07 0.00	19.67 -3.14 0.07	22.32 -3.77 0.23	23.75 -3.64 0.00	22.80 -3.11 0.09
NM_ST_REGIS___HYD 24053	28.13 0.77 0.00	29.51 0.92 0.00	32.34 1.05 0.00	29.67 0.91 0.00	28.04 0.73 0.00	31.42 0.42 0.00	33.72 0.04 0.00	30.65 -0.12 0.00	27.96 0.01 0.00	25.25 0.00 0.00	25.46 0.30 0.00	25.91 0.54 0.00	23.57 0.59 0.00	22.60 0.49 0.00	23.74 0.34 0.00	27.61 0.06 0.00	29.57 -0.16 0.00	36.26 -0.42 0.00	29.21 -0.46 0.00	22.98 -0.33 0.00	22.74 -0.14 0.00	26.40 0.09 0.00	27.72 0.34 0.00	26.37 0.37 0.00

NORTHPORT___1 23551	29.78 2.42 -0.01	30.86 2.27 0.00	33.59 2.29 0.00	31.00 2.25 0.00	35.58 2.17 -6.11	71.26 2.64 -37.62	86.32 3.34 -49.30	77.68 3.52 -43.38	65.68 2.86 -34.87	36.59 2.62 -8.72	31.94 2.49 -4.29	27.63 2.23 -0.03	36.29 1.90 -11.40	32.06 1.86 -8.10	44.71 2.18 -19.14	66.74 2.89 -36.31	60.80 3.49 -27.58	106.62 4.23 -65.70	384.68 3.37 -351.63	114.82 2.55 -88.96	65.93 2.34 -40.70	42.19 2.44 -13.44	29.66 2.27 -0.01	28.00 2.00 0.00
NORTHPORT___2 23552	29.78 2.42 -0.01	30.86 2.27 0.00	33.59 2.29 0.00	31.00 2.25 0.00	35.58 2.17 -6.11	71.26 2.64 -37.62	86.32 3.34 -49.30	77.68 3.52 -43.38	65.68 2.86 -34.87	36.59 2.62 -8.72	31.94 2.49 -4.29	27.63 2.23 -0.03	36.29 1.90 -11.40	32.06 1.86 -8.10	44.71 2.18 -19.14	66.74 2.89 -36.31	60.80 3.49 -27.58	106.62 4.23 -65.70	384.68 3.37 -351.63	114.82 2.55 -88.96	65.93 2.34 -40.70	42.19 2.44 -13.44	29.66 2.27 -0.01	28.00 2.00 0.00
NORTHPORT___3 23553	29.80 2.44 -0.01	30.66 2.07 0.00	33.35 2.06 0.00	30.79 2.04 0.00	34.91 1.98 -5.62	68.12 2.52 -34.60	82.50 2.89 -45.93	75.14 2.95 -41.41	65.36 2.48 -34.93	36.28 2.37 -8.66	31.75 2.32 -4.27	27.51 2.10 -0.03	36.17 1.48 -11.71	32.84 1.46 -9.28	44.62 1.71 -19.50	67.12 2.36 -37.21	61.91 2.83 -29.36	111.38 3.46 -71.23	385.90 3.05 -353.17	114.91 2.28 -89.31	65.98 2.09 -41.01	41.93 2.16 -13.46	29.41 2.02 -0.01	27.77 1.77 0.00
NORTHPORT___4 23650	29.80 2.44 -0.01	30.66 2.07 0.00	33.35 2.06 0.00	30.79 2.04 0.00	34.91 1.98 -5.62	68.12 2.52 -34.60	82.50 2.89 -45.93	75.14 2.95 -41.41	65.36 2.48 -34.93	36.28 2.37 -8.66	31.75 2.32 -4.27	27.51 2.10 -0.03	36.17 1.48 -11.71	32.84 1.46 -9.28	44.62 1.71 -19.50	67.12 2.36 -37.21	61.91 2.83 -29.36	111.38 3.46 -71.23	385.90 3.05 -353.17	114.91 2.28 -89.31	65.98 2.09 -41.01	41.93 2.16 -13.46	29.41 2.02 -0.01	27.77 1.77 0.00
NORTHPORT___IC 23718	29.78 2.42 -0.01	30.86 2.27 0.00	33.59 2.29 0.00	31.00 2.25 0.00	35.58 2.17 -6.11	71.26 2.64 -37.62	86.32 3.34 -49.30	77.68 3.52 -43.38	65.68 2.86 -34.87	36.59 2.62 -8.72	31.94 2.49 -4.29	27.63 2.23 -0.03	36.29 1.90 -11.40	32.06 1.86 -8.10	44.71 2.18 -19.14	66.74 2.89 -36.31	60.80 3.49 -27.58	106.62 4.23 -65.70	384.68 3.37 -351.63	114.82 2.55 -88.96	65.93 2.34 -40.70	42.19 2.44 -13.44	29.66 2.27 -0.01	28.00 2.00 0.00
NORTH___COUNTRY_ESR 323785	28.59 1.24 0.00	29.99 1.41 0.00	32.88 1.59 0.00	30.20 1.44 0.00	28.61 1.30 0.00	32.15 1.15 0.00	34.59 0.91 0.00	31.48 0.70 0.00	28.66 0.70 0.00	25.86 0.61 0.00	25.97 0.82 0.00	26.44 1.06 0.00	24.00 1.01 0.00	23.00 0.90 0.00	24.16 0.76 0.00	28.26 0.72 0.00	30.38 0.65 0.00	37.17 0.50 0.00	29.89 0.21 0.00	23.54 0.23 0.00	23.18 0.30 0.00	26.73 0.42 0.00	27.87 0.49 0.00	26.59 0.59 0.00
NPX_GEN_1385_PROXY 323591	30.17 2.81 -0.01	31.27 2.69 0.00	34.04 2.74 0.00	31.42 2.67 0.00	35.98 2.56 -6.11	71.67 3.05 -37.62	90.98 3.82 -53.48	78.12 3.96 -43.38	66.08 3.26 -34.87	36.94 2.97 -8.72	33.74 2.82 -5.76	27.77 2.36 -0.03	41.88 2.22 -16.67	32.20 2.00 -8.10	45.03 2.50 -19.14	70.45 3.05 -39.86	61.13 3.81 -27.58	110.32 4.50 -69.14	384.72 3.42 -351.63	114.88 2.61 -88.96	65.82 2.24 -40.70	42.06 2.31 -13.44	33.31 2.02 -3.91	27.49 1.79 0.30
NPX_GEN_CSC 323557	30.34 2.98 -0.01	31.39 2.80 0.00	34.16 2.87 0.00	31.53 2.79 0.00	36.04 2.68 -6.05	71.56 3.29 -37.27	90.84 4.06 -53.10	78.19 4.24 -43.18	66.33 3.47 -34.90	37.06 3.09 -8.72	33.77 2.85 -5.77	27.98 2.57 -0.03	36.57 2.13 -11.45	32.50 2.15 -8.25	45.08 2.48 -19.20	70.95 3.41 -40.00	61.74 4.18 -27.83	111.90 5.22 -70.00	387.70 4.05 -353.97	115.94 3.13 -89.50	66.89 2.84 -41.17	42.77 2.99 -13.47	34.11 2.82 -3.91	28.15 2.45 0.30
NSINS_S_GLNS_FALLS 23858	28.45 1.10 0.00	29.68 1.09 0.00	32.61 1.32 0.00	30.01 1.26 0.00	28.36 1.05 0.00	32.37 1.37 0.00	35.39 1.71 0.00	32.53 1.75 0.00	29.53 1.58 0.00	26.58 1.33 0.00	26.26 1.10 0.00	26.44 1.07 0.00	23.81 0.82 0.00	22.91 0.80 0.00	24.23 0.83 0.00	28.89 1.35 0.00	31.29 1.56 0.00	38.71 2.03 0.00	31.32 1.65 0.00	24.63 1.32 0.00	24.11 1.23 0.00	27.46 1.15 0.00	28.38 0.99 0.00	26.86 0.86 0.00
NUCOR_STEEL___DRP 24197	27.21 -0.14 0.00	28.26 -0.33 0.00	30.90 -0.39 0.00	28.41 -0.34 0.00	26.90 -0.41 0.00	30.80 -0.20 0.00	33.70 0.02 0.00	30.78 0.00 0.00	27.81 -0.13 0.00	25.12 -0.13 0.00	25.02 -0.14 0.00	25.17 -0.20 0.00	22.69 -0.29 0.00	21.72 -0.38 0.00	23.10 -0.30 0.00	27.39 -0.15 0.00	29.55 -0.18 0.00	36.59 -0.08 0.00	29.58 -0.10 0.00	23.07 -0.24 0.00	22.64 -0.27 -0.03	25.94 -0.37 0.00	26.85 -0.54 0.00	25.72 -0.31 -0.04
NUMBER_THREE_WT_PWR 323818	27.72 0.37 0.00	28.95 0.36 0.00	31.70 0.41 0.00	29.12 0.37 0.00	27.66 0.35 0.00	31.46 0.46 0.00	34.37 0.69 0.00	31.46 0.69 0.00	28.54 0.59 0.00	25.72 0.47 0.00	25.53 0.37 0.00	25.63 0.25 0.00	23.07 0.09 0.00	21.93 -0.18 0.00	22.95 -0.45 0.00	26.94 -0.61 0.00	29.07 -0.66 0.00	36.03 -0.65 0.00	28.71 -0.97 0.00	22.53 -0.78 0.00	22.11 -0.78 0.00	25.49 -0.83 0.00	26.93 -0.45 0.00	25.52 -0.48 0.00
NYISO_LBMP_REFERENCE 24008	27.35 0.00 0.00	28.59 0.00 0.00	31.29 0.00 0.00	28.75 0.00 0.00	27.31 0.00 0.00	31.00 0.00 0.00	33.68 0.00 0.00	30.78 0.00 0.00	27.95 0.00 0.00	25.25 0.00 0.00	25.16 0.00 0.00	25.38 0.00 0.00	22.98 0.00 0.00	22.11 0.00 0.00	23.40 0.00 0.00	27.54 0.00 0.00	29.73 0.00 0.00	36.68 0.00 0.00	29.68 0.00 0.00	23.31 0.00 0.00	22.88 0.00 0.00	26.32 0.00 0.00	27.38 0.00 0.00	26.00 0.00 0.00
NYPA_BRENTWD___GT 24164	30.07 2.71 -0.01	31.13 2.54 0.00	33.87 2.58 0.00	31.27 2.52 0.00	35.73 2.43 -5.99	70.89 2.97 -36.91	85.93 3.72 -48.52	77.61 3.88 -42.96	66.08 3.18 -34.95	36.86 2.89 -8.72	32.17 2.72 -4.30	27.87 2.46 -0.03	36.56 2.08 -11.50	32.55 2.03 -8.42	45.04 2.37 -19.27	67.33 3.18 -36.61	61.54 3.72 -28.09	108.52 4.37 -67.48	390.10 3.69 -356.74	116.25 2.80 -90.13	67.22 2.60 -41.73	42.60 2.77 -13.51	30.02 2.63 -0.01	28.31 2.31 0.00
NYPA_GOWANUS___GT5 24156	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00
NYPA_GOWANUS___GT6 24157	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.31 0.00	30.01 1.26 0.00	28.50 1.19 0.00	32.53 1.53 0.00	35.91 2.23 0.00	33.31 2.53 0.00	30.01 2.06 0.00	27.15 1.90 0.00	26.91 1.75 0.00	26.95 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.74 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.19 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00

NYPA_HARLEM__RVR__GT1 24160	28.59 1.24 0.00	29.73 1.15 0.00	32.34 1.05 0.01	29.81 1.07 0.00	28.28 0.98 0.01	32.32 1.32 0.00	35.70 2.02 0.00	33.17 2.39 0.00	29.88 1.94 0.00	27.06 1.82 0.00	26.82 1.67 0.00	26.83 1.46 0.00	24.63 1.09 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.85 0.00	32.07 2.35 0.00	39.65 2.98 0.00	32.33 2.65 0.00	25.25 1.94 0.00	24.69 1.81 0.00	28.06 1.75 0.00	28.88 1.50 0.00	27.23 1.23 0.00
NYPA_HARLEM__RVR__GT2 24161	28.59 1.24 0.00	29.73 1.15 0.00	32.34 1.05 0.01	29.81 1.07 0.00	28.28 0.98 0.01	32.32 1.32 0.00	35.70 2.02 0.00	33.17 2.39 0.00	29.88 1.94 0.00	27.06 1.82 0.00	26.82 1.67 0.00	26.83 1.46 0.00	24.63 1.09 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.39 1.85 0.00	32.07 2.35 0.00	39.65 2.98 0.00	32.33 2.65 0.00	25.25 1.94 0.00	24.69 1.81 0.00	28.06 1.75 0.00	28.88 1.50 0.00	27.23 1.23 0.00
NYPA_KENT____GT 24152	28.78 1.43 0.00	29.91 1.32 0.00	32.58 1.28 0.00	29.99 1.24 0.00	28.48 1.17 0.00	32.51 1.51 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.15 1.90 0.00	26.93 1.77 0.00	26.96 1.58 0.00	24.67 1.14 -0.55	23.29 1.19 0.00	24.76 1.36 0.00	29.53 1.99 0.00	32.27 2.54 0.00	39.79 3.11 0.00	32.40 2.72 0.00	25.34 2.03 0.00	24.75 1.87 0.00	28.17 1.86 0.00	28.98 1.60 0.00	27.31 1.31 0.00
NYPA_POUCH1____GT 24155	28.80 1.45 0.00	29.88 1.29 0.00	32.54 1.25 0.00	29.95 1.20 0.00	28.45 1.14 0.00	32.48 1.47 0.00	35.83 2.15 0.00	33.23 2.45 0.00	29.93 1.98 0.00	27.07 1.83 0.00	26.83 1.67 0.00	26.85 1.48 0.00	24.59 1.06 -0.55	23.22 1.12 0.00	24.69 1.29 0.00	29.45 1.91 0.00	32.21 2.48 0.00	39.70 3.02 0.00	32.36 2.69 0.00	25.32 2.00 0.00	24.74 1.86 0.00	28.16 1.85 0.00	28.98 1.60 0.00	27.32 1.32 0.00
NYPA_VERNON____GT2 24162	28.75 1.40 0.00	29.89 1.30 0.00	32.55 1.26 0.00	29.97 1.22 0.00	28.47 1.16 0.00	32.49 1.49 0.00	35.88 2.20 0.00	33.27 2.49 0.00	29.99 2.04 0.00	27.15 1.90 0.00	26.93 1.78 0.00	26.97 1.60 0.00	24.68 1.14 -0.55	23.29 1.19 0.00	24.75 1.36 0.00	29.52 1.98 0.00	32.25 2.52 0.00	39.81 3.13 0.00	32.37 2.70 0.00	25.32 2.01 0.00	24.73 1.85 0.00	28.15 1.84 0.00	28.95 1.57 0.00	27.29 1.29 0.00
NYPA_VERNON____GT3 24163	28.75 1.40 0.00	29.89 1.30 0.00	32.55 1.26 0.00	29.97 1.22 0.00	28.47 1.16 0.00	32.49 1.49 0.00	35.88 2.20 0.00	33.27 2.49 0.00	29.99 2.04 0.00	27.15 1.90 0.00	26.93 1.78 0.00	26.97 1.60 0.00	24.68 1.14 -0.55	23.29 1.19 0.00	24.75 1.36 0.00	29.52 1.98 0.00	32.25 2.52 0.00	39.81 3.13 0.00	32.37 2.70 0.00	25.32 2.01 0.00	24.73 1.85 0.00	28.15 1.84 0.00	28.95 1.57 0.00	27.29 1.29 0.00
NYPA__ASTORIA_CC1 323568	28.68 1.33 0.00	29.83 1.24 0.00	32.48 1.19 0.00	29.91 1.16 0.00	28.39 1.09 0.00	32.43 1.42 0.00	35.80 2.12 0.00	33.20 2.43 0.00	29.93 1.98 0.00	27.10 1.85 0.00	26.90 1.74 0.00	26.93 1.55 0.00	24.63 1.09 -0.55	23.24 1.14 0.00	24.70 1.30 0.00	29.46 1.92 0.00	32.18 2.45 0.00	39.73 3.05 0.00	32.31 2.64 0.00	25.27 1.95 0.00	24.69 1.80 0.00	28.09 1.77 0.00	28.90 1.51 0.00	27.24 1.24 0.00
NYPA__ASTORIA_CC2 323569	28.68 1.33 0.00	29.83 1.24 0.00	32.48 1.19 0.00	29.91 1.16 0.00	28.39 1.09 0.00	32.43 1.42 0.00	35.80 2.12 0.00	33.20 2.43 0.00	29.93 1.98 0.00	27.10 1.85 0.00	26.90 1.74 0.00	26.93 1.55 0.00	24.63 1.09 -0.55	23.24 1.14 0.00	24.70 1.30 0.00	29.46 1.92 0.00	32.18 2.45 0.00	39.73 3.05 0.00	32.31 2.64 0.00	25.27 1.95 0.00	24.69 1.80 0.00	28.09 1.77 0.00	28.90 1.51 0.00	27.24 1.24 0.00
NYPA__HOLTSVILL 23794	29.98 2.62 -0.01	31.02 2.43 0.00	33.78 2.48 0.00	31.17 2.42 0.00	35.70 2.33 -6.06	71.19 2.87 -37.32	86.23 3.58 -48.98	77.74 3.76 -43.20	65.93 3.08 -34.90	36.77 2.80 -8.72	32.06 2.61 -4.30	27.76 2.36 -0.03	36.38 1.95 -11.45	32.27 1.93 -8.23	44.84 2.25 -19.19	67.03 3.05 -36.43	61.24 3.72 -27.80	107.71 4.59 -66.44	387.05 3.65 -353.72	115.56 2.81 -89.44	66.61 2.60 -41.12	42.51 2.73 -13.47	29.94 2.55 -0.01	28.23 2.24 0.00
NYPA__HELLGATE_GT1 24158	28.58 1.22 0.00	29.70 1.11 0.00	32.29 1.00 0.01	29.78 1.03 0.00	28.24 0.94 0.01	32.27 1.27 0.00	35.66 1.98 0.00	33.15 2.37 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.63 1.09 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.38 1.84 0.00	32.06 2.34 0.00	39.65 2.98 0.00	32.33 2.65 0.00	25.24 1.93 0.00	24.69 1.81 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
NYPA__HELLGATE_GT2 24159	28.58 1.22 0.00	29.70 1.11 0.00	32.29 1.00 0.01	29.78 1.03 0.00	28.24 0.94 0.01	32.27 1.27 0.00	35.66 1.98 0.00	33.15 2.37 0.00	29.86 1.91 0.00	27.05 1.80 0.00	26.81 1.65 0.00	26.82 1.45 0.00	24.63 1.09 -0.55	23.24 1.13 0.00	24.67 1.27 0.00	29.38 1.84 0.00	32.06 2.34 0.00	39.65 2.98 0.00	32.33 2.65 0.00	25.24 1.93 0.00	24.69 1.81 0.00	28.06 1.74 0.00	28.88 1.49 0.00	27.23 1.23 0.00
NYS_BARGE__HYD 23848	25.31 -1.59 0.45	26.38 -2.09 0.12	28.90 -2.39 0.00	26.41 -2.34 0.00	25.13 -2.18 0.00	28.52 -2.40 0.09	30.94 -2.66 0.09	27.85 -2.92 0.00	24.71 -2.71 0.53	22.06 -2.56 0.63	22.78 -2.33 0.04	23.01 -2.36 0.00	19.18 -2.21 1.59	19.98 -1.98 0.14	21.43 -1.85 0.12	25.34 -2.20 0.00	27.10 -2.63 0.00	33.12 -3.56 0.00	26.59 -3.09 0.00	20.84 -2.46 0.00	20.04 -2.57 0.27	22.99 -3.12 0.21	24.25 -3.13 0.00	21.98 -2.68 1.35
OAK ORCHARD__HYD 24046	26.11 -0.99 0.25	27.22 -1.30 0.07	29.82 -1.48 0.00	27.29 -1.46 0.00	25.95 -1.36 0.00	29.52 -1.44 0.05	32.20 -1.43 0.05	29.28 -1.50 0.00	26.23 -1.43 0.29	23.55 -1.35 0.35	23.89 -1.24 0.02	24.09 -1.28 0.00	20.85 -1.26 0.87	20.83 -1.20 0.07	22.23 -1.10 0.07	26.36 -1.19 0.00	28.36 -1.37 0.00	34.82 -1.86 0.00	28.04 -1.64 0.00	21.96 -1.35 0.00	21.26 -1.46 0.16	24.51 -1.80 0.00	25.56 -1.82 0.00	23.69 -1.55 0.76
OAKDALE__35_KV_LOAD 356122	27.30 -0.05 0.00	28.34 -0.25 0.00	31.03 -0.26 0.00	28.49 -0.26 0.00	27.07 -0.24 0.00	30.84 -0.17 0.00	33.71 0.03 0.00	30.93 0.15 0.00	27.87 -0.08 0.00	25.16 -0.09 0.00	25.05 -0.10 0.00	25.19 -0.18 0.00	22.65 -0.33 0.00	21.81 -0.29 0.00	23.16 -0.23 0.00	27.48 -0.06 0.00	29.77 0.04 0.00	36.78 0.10 0.00	29.66 -0.02 0.00	23.22 -0.08 0.00	22.70 -0.18 0.00	26.00 -0.31 0.00	26.95 -0.43 0.00	25.63 -0.37 0.00
OCC_CHEM__DRP 24175	25.29 -2.06 0.00	26.03 -2.56 0.00	28.37 -2.92 0.00	25.91 -2.84 0.00	24.62 -2.69 0.00	28.10 -2.90 0.00	30.44 -3.25 0.00	27.12 -3.66 0.00	24.59 -3.36 0.00	22.11 -3.14 0.00	22.21 -2.95 0.00	22.41 -2.97 0.00	20.30 -2.68 0.00	19.62 -2.48 0.00	21.06 -2.35 0.00	24.69 -2.85 0.00	26.36 -3.37 0.00	32.17 -4.51 0.00	25.84 -3.84 0.00	20.30 -3.02 0.00	19.72 -3.10 0.07	22.37 -3.71 0.23	23.79 -3.59 0.00	22.83 -3.07 0.09

OH_GEN_PROXY 24063	25.01 -1.81 0.54	26.17 -2.28 0.15	28.73 -2.56 0.00	26.23 -2.52 0.00	24.93 -2.38 0.00	28.26 -2.64 0.10	34.86 -3.12 -4.08	27.66 -2.90 0.00	24.42 -2.90 0.63	21.78 -2.72 0.75	24.09 -2.49 -1.42	22.87 -2.51 0.00	18.81 -2.29 1.89	21.26 -2.13 -1.29	41.71 -2.01 -20.33	45.29 -2.39 -20.14	26.87 -2.86 0.00	36.28 -3.84 -3.44	26.38 -3.30 0.00	20.69 -2.62 0.00	19.85 -2.72 0.31	22.87 -3.25 0.20	33.55 -3.23 -9.40	34.88 -2.78 -11.66
OLIN_CORP_DRP 24177	25.31 -2.04 0.00	26.05 -2.54 0.00	28.40 -2.90 0.00	25.94 -2.81 0.00	24.65 -2.66 0.00	28.13 -2.87 0.00	30.53 -3.15 0.00	27.34 -3.44 0.00	24.76 -3.19 0.00	22.24 -3.01 0.00	22.38 -2.78 0.00	22.58 -2.80 0.00	20.39 -2.59 0.00	19.75 -2.36 0.00	21.18 -2.22 0.00	24.87 -2.67 0.00	26.57 -3.16 0.00	32.45 -4.23 0.00	26.06 -3.62 0.00	20.45 -2.86 0.00	19.84 -2.97 0.07	22.54 -3.54 0.24	23.84 -3.55 0.00	22.83 -3.07 0.10
OLIN_CORP_DSASP 323712	24.78 -2.06 0.51	25.89 -2.56 0.14	28.37 -2.92 0.00	25.92 -2.84 0.00	24.66 -2.64 0.00	27.96 -2.94 0.10	30.24 -3.34 0.10	27.05 -3.72 0.00	23.97 -3.38 0.60	21.40 -3.14 0.71	22.16 -2.95 0.05	22.40 -2.97 0.00	18.52 -2.68 1.79	19.47 -2.48 0.15	20.90 -2.37 0.13	24.69 -2.85 0.00	26.35 -3.38 0.00	32.16 -4.52 0.00	25.84 -3.84 0.00	20.29 -3.02 0.00	19.48 -3.11 0.30	22.37 -3.72 0.23	23.79 -3.59 0.00	21.43 -3.07 1.50
ONEIDA_HERK_LFGE 323681	27.97 0.61 0.00	29.19 0.60 0.00	31.95 0.66 0.00	29.35 0.61 0.00	27.90 0.59 0.00	31.76 0.76 0.00	34.71 1.03 0.00	31.80 1.03 0.00	28.82 0.87 0.00	25.98 0.73 0.00	25.77 0.62 0.00	25.87 0.50 0.00	23.39 0.40 0.00	22.32 0.22 0.00	23.58 0.18 0.00	27.80 0.26 0.00	30.08 0.35 0.00	37.22 0.54 0.00	29.90 0.23 0.00	23.48 0.17 0.00	23.03 0.14 0.00	26.44 0.12 0.00	27.65 0.26 0.00	26.17 0.17 0.00
ONEIDA___115KV_TB4 55905	28.03 0.68 0.00	29.25 0.66 0.00	32.01 0.72 0.00	29.41 0.66 0.00	27.97 0.66 0.00	31.88 0.88 0.00	34.89 1.20 0.00	32.00 1.22 0.00	28.95 0.99 0.00	26.08 0.83 0.00	25.85 0.70 0.00	25.99 0.61 0.00	23.48 0.50 0.00	22.41 0.31 0.00	23.84 0.44 0.00	28.16 0.62 0.00	30.56 0.83 0.00	37.76 1.08 0.00	30.43 0.76 0.00	23.87 0.56 0.00	23.37 0.48 0.00	26.79 0.48 0.00	27.86 0.48 0.00	26.41 0.41 0.00
ONONDAGA_REF_OCCRA 23987	26.95 -0.40 0.00	28.03 -0.56 0.00	30.65 -0.64 0.00	28.15 -0.60 0.00	26.77 -0.54 0.00	30.49 -0.51 0.00	33.32 -0.36 0.00	30.54 -0.24 0.00	27.61 -0.34 0.00	24.95 -0.30 0.00	24.84 -0.31 0.00	24.99 -0.38 0.00	22.53 -0.45 0.00	21.66 -0.44 0.00	22.94 -0.46 0.00	27.16 -0.38 0.00	29.43 -0.30 0.00	36.35 -0.33 0.00	29.35 -0.33 0.00	23.00 -0.31 0.00	22.51 -0.40 -0.02	25.80 -0.52 0.00	26.85 -0.53 0.00	25.63 -0.39 -0.03
ONONDAGA___COGEN 23986	26.93 -0.42 0.00	28.01 -0.58 0.00	30.63 -0.66 0.00	28.13 -0.62 0.00	26.74 -0.56 0.00	30.48 -0.52 0.00	33.31 -0.37 0.00	30.50 -0.28 0.00	27.58 -0.37 0.00	24.94 -0.31 0.00	24.83 -0.32 0.00	24.98 -0.40 0.00	22.54 -0.45 0.00	21.66 -0.44 0.00	22.94 -0.46 0.00	27.15 -0.39 0.00	29.39 -0.34 0.00	36.29 -0.39 0.00	29.32 -0.36 0.00	22.97 -0.34 0.00	22.46 -0.42 0.00	25.76 -0.56 0.00	26.80 -0.58 0.00	25.57 -0.42 0.00
ONTARIO___LFGE 23819	27.18 -0.17 0.00	28.08 -0.51 0.00	30.73 -0.56 0.00	28.18 -0.57 0.00	26.79 -0.52 0.00	30.53 -0.48 0.00	33.42 -0.26 0.00	30.51 -0.27 0.00	27.49 -0.46 0.00	24.88 -0.37 0.00	24.77 -0.39 0.00	24.87 -0.50 0.00	22.35 -0.64 0.00	21.49 -0.62 0.00	22.89 -0.51 0.00	27.13 -0.41 0.00	29.33 -0.40 0.00	36.08 -0.60 0.00	29.17 -0.51 0.00	22.80 -0.51 0.00	22.11 -0.66 0.12	25.60 -0.87 -0.15	26.38 -1.00 0.00	25.05 -0.79 0.16
ORANGEVILLE_WT_PWR 323706	26.11 -1.03 0.22	27.09 -1.44 0.06	29.75 -1.55 0.00	27.24 -1.51 0.00	25.87 -1.44 0.00	29.33 -1.63 0.04	31.83 -1.81 0.04	28.79 -1.99 0.00	25.64 -2.05 0.26	22.97 -1.97 0.31	23.35 -1.78 0.02	23.57 -1.81 0.00	20.44 -1.77 0.78	20.43 -1.60 0.07	21.95 -1.39 0.06	26.05 -1.50 0.00	27.86 -1.87 0.00	34.09 -2.59 0.00	27.22 -2.45 0.00	21.15 -2.16 0.00	20.36 -2.30 0.22	22.76 -2.74 0.81	24.54 -2.85 0.00	22.80 -2.43 0.76
ORANGEVILLE___ESR 323794	26.11 -1.03 0.22	27.09 -1.44 0.06	29.75 -1.55 0.00	27.24 -1.51 0.00	25.87 -1.44 0.00	29.33 -1.63 0.04	31.83 -1.81 0.04	28.79 -1.99 0.00	25.64 -2.05 0.26	22.97 -1.97 0.31	23.35 -1.78 0.02	23.57 -1.81 0.00	20.44 -1.77 0.78	20.43 -1.60 0.07	21.95 -1.39 0.06	26.05 -1.50 0.00	27.86 -1.87 0.00	34.09 -2.59 0.00	27.22 -2.45 0.00	21.15 -2.16 0.00	20.36 -2.30 0.22	22.76 -2.74 0.81	24.54 -2.85 0.00	22.80 -2.43 0.76
OSWEGATCHIE___HYD 24044	27.48 0.13 0.00	28.76 0.18 0.00	31.52 0.22 0.00	28.93 0.17 0.00	27.40 0.09 0.00	30.93 -0.08 0.00	33.49 -0.19 0.00	30.55 -0.22 0.00	27.80 -0.15 0.00	25.07 -0.18 0.00	25.10 -0.06 0.00	25.36 -0.01 0.00	22.96 -0.02 0.00	21.93 -0.17 0.00	23.00 -0.40 0.00	26.86 -0.68 0.00	28.88 -0.85 0.00	35.61 -1.06 0.00	28.53 -1.15 0.00	22.40 -0.90 0.00	22.10 -0.79 0.00	25.61 -0.71 0.00	26.98 -0.40 0.00	25.62 -0.38 0.00
OSWEGO___5 23606	26.52 -0.83 0.00	27.60 -0.99 0.00	30.19 -1.11 0.00	27.72 -1.03 0.00	26.35 -0.95 0.00	29.98 -1.02 0.00	32.70 -0.98 0.00	29.93 -0.85 0.00	27.10 -0.85 0.00	24.50 -0.75 0.00	24.42 -0.74 0.00	24.58 -0.80 0.00	22.20 -0.78 0.00	21.35 -0.76 0.00	22.58 -0.82 0.00	26.68 -0.86 0.00	28.86 -0.87 0.00	35.62 -1.06 0.00	28.77 -0.90 0.00	22.56 -0.75 0.00	22.09 -0.79 0.00	25.35 -0.97 0.00	26.42 -0.97 0.00	25.21 -0.78 0.00
OSWEGO___6 23613	26.52 -0.83 0.00	27.60 -0.99 0.00	30.19 -1.11 0.00	27.72 -1.03 0.00	26.35 -0.95 0.00	29.98 -1.02 0.00	32.70 -0.98 0.00	29.93 -0.85 0.00	27.10 -0.85 0.00	24.50 -0.75 0.00	24.42 -0.74 0.00	24.58 -0.80 0.00	22.20 -0.78 0.00	21.35 -0.76 0.00	22.58 -0.82 0.00	26.68 -0.86 0.00	28.86 -0.87 0.00	35.62 -1.06 0.00	28.77 -0.90 0.00	22.56 -0.75 0.00	22.09 -0.79 0.00	25.35 -0.97 0.00	26.42 -0.97 0.00	25.21 -0.78 0.00
OUTOKUMPU-AB___DRP 24206	26.02 -1.33 0.00	26.78 -1.81 0.00	29.22 -2.07 0.00	26.68 -2.07 0.00	25.32 -1.98 0.00	28.95 -2.05 0.00	31.45 -2.23 0.00	28.17 -2.60 0.00	25.49 -2.46 0.00	22.92 -2.33 0.00	23.05 -2.11 0.00	23.22 -2.15 0.00	20.99 -1.99 0.00	20.30 -1.80 0.00	21.78 -1.62 0.00	25.59 -1.95 0.00	27.36 -2.37 0.00	33.44 -3.24 0.00	26.83 -2.85 0.00	21.03 -2.28 0.00	20.40 -2.41 0.07	23.15 -2.92 0.25	24.50 -2.89 0.00	23.44 -2.46 0.10
OXBOW___BTM 323836	25.70 -1.66 0.00	26.45 -2.13 0.00	28.85 -2.45 0.00	26.34 -2.41 0.00	25.02 -2.29 0.00	28.57 -2.43 0.00	31.01 -2.68 0.00	27.71 -3.07 0.00	25.10 -2.85 0.00	22.57 -2.68 0.00	22.68 -2.48 0.00	22.86 -2.51 0.00	20.69 -2.30 0.00	20.00 -2.10 0.00	21.46 -1.94 0.00	25.19 -2.35 0.00	26.92 -2.81 0.00	32.88 -3.79 0.00	26.40 -3.28 0.00	20.70 -2.61 0.00	20.10 -2.71 0.07	22.80 -3.27 0.24	24.19 -3.20 0.00	23.17 -2.73 0.10

OXBOW____ 24026	25.20 -1.65 0.51	26.31 -2.14 0.14	28.85 -2.45 0.00	26.34 -2.41 0.00	25.06 -2.24 0.00	28.44 -2.46 0.10	30.81 -2.78 0.10	27.65 -3.13 0.00	24.48 -2.87 0.59	21.86 -2.68 0.71	22.62 -2.49 0.05	22.87 -2.51 0.00	18.90 -2.30 1.79	19.85 -2.10 0.15	21.31 -1.96 0.13	25.19 -2.36 0.00	26.92 -2.82 0.00	32.88 -3.80 0.00	26.40 -3.28 0.00	20.70 -2.61 0.00	19.87 -2.72 0.30	22.80 -3.27 0.24	24.19 -3.19 0.00	21.78 -2.72 1.50
OXY_CHEM_DSASP 323612	25.29 -2.06 0.00	26.03 -2.56 0.00	28.37 -2.92 0.00	25.91 -2.84 0.00	24.62 -2.69 0.00	28.10 -2.90 0.00	30.44 -3.25 0.00	27.12 -3.66 0.00	24.59 -3.36 0.00	22.11 -3.14 0.00	22.21 -2.95 0.00	22.41 -2.97 0.00	20.30 -2.68 0.00	19.62 -2.48 0.00	21.06 -2.35 0.00	24.69 -2.85 0.00	26.36 -3.37 0.00	32.17 -4.51 0.00	25.84 -3.84 0.00	20.30 -3.02 0.00	19.72 -3.10 0.07	22.37 -3.71 0.23	23.79 -3.59 0.00	22.83 -3.07 0.09
OZONE_PARK_ESR 323760	29.02 1.67 0.00	30.18 1.59 0.00	32.86 1.57 0.00	30.25 1.50 0.00	28.73 1.42 0.00	32.78 1.77 0.00	36.19 2.51 0.00	33.55 2.77 0.00	30.23 2.28 0.00	27.37 2.12 0.00	27.13 1.97 0.00	27.18 1.80 0.00	24.89 1.35 -0.55	23.49 1.39 0.00	24.96 1.56 0.00	29.79 2.25 0.00	32.55 2.81 0.00	40.19 3.52 0.00	32.65 2.97 0.00	25.54 2.23 0.00	24.97 2.08 0.00	28.42 2.10 0.00	29.22 1.83 0.00	27.53 1.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.29 -2.06 0.00	26.03 -2.56 0.00	28.37 -2.92 0.00	25.91 -2.84 0.00	24.62 -2.69 0.00	28.10 -2.90 0.00	30.44 -3.25 0.00	27.12 -3.66 0.00	24.59 -3.36 0.00	22.11 -3.14 0.00	22.21 -2.95 0.00	22.41 -2.97 0.00	20.30 -2.68 0.00	19.62 -2.48 0.00	21.06 -2.35 0.00	24.69 -2.85 0.00	26.36 -3.37 0.00	32.17 -4.51 0.00	25.84 -3.84 0.00	20.30 -3.02 0.00	19.72 -3.10 0.07	22.37 -3.71 0.23	23.79 -3.59 0.00	22.83 -3.07 0.09
PACKARD__115KV_DUPONT_184 80571	25.29 -2.06 0.00	26.03 -2.56 0.00	28.37 -2.92 0.00	25.91 -2.84 0.00	24.62 -2.69 0.00	28.10 -2.90 0.00	30.44 -3.25 0.00	27.12 -3.66 0.00	24.59 -3.36 0.00	22.11 -3.14 0.00	22.21 -2.95 0.00	22.41 -2.97 0.00	20.30 -2.68 0.00	19.62 -2.48 0.00	21.06 -2.35 0.00	24.69 -2.85 0.00	26.36 -3.37 0.00	32.17 -4.51 0.00	25.84 -3.84 0.00	20.30 -3.02 0.00	19.72 -3.10 0.07	22.37 -3.71 0.23	23.79 -3.59 0.00	22.83 -3.07 0.09
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.64 1.29 0.00	29.79 1.21 0.00	32.43 1.14 0.00	29.88 1.13 0.00	28.37 1.06 0.00	32.39 1.39 0.00	35.75 2.06 0.00	33.21 2.43 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.84 1.69 0.00	26.85 1.48 0.00	24.62 1.08 -0.55	23.23 1.12 0.00	24.67 1.27 0.00	29.42 1.87 0.00	32.12 2.39 0.00	39.71 3.03 0.00	32.35 2.67 0.00	25.25 1.94 0.00	24.70 1.82 0.00	28.08 1.76 0.00	28.89 1.51 0.00	27.24 1.24 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.80 1.45 0.00	29.97 1.38 0.00	32.63 1.34 0.00	30.06 1.31 0.00	28.54 1.23 0.00	32.60 1.60 0.00	35.98 2.30 0.00	33.41 2.63 0.00	30.08 2.13 0.00	27.21 1.96 0.00	26.92 1.77 0.00	26.91 1.54 0.00	24.65 1.11 -0.55	23.28 1.18 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.24 2.50 0.00	39.85 3.17 0.00	32.47 2.79 0.00	25.32 2.01 0.00	24.77 1.89 0.00	28.15 1.83 0.00	28.97 1.58 0.00	27.32 1.32 0.00
PATROON__115KV_TB1 80586	28.14 0.79 0.00	29.32 0.73 0.00	32.05 0.76 0.00	29.46 0.72 0.00	27.99 0.69 0.00	31.88 0.88 0.00	34.88 1.19 0.00	32.09 1.31 0.00	29.04 1.09 0.00	26.20 0.96 0.00	25.93 0.77 0.00	26.04 0.66 0.00	23.46 0.47 0.00	22.62 0.52 0.00	24.00 0.60 0.00	28.42 0.88 0.00	30.89 1.16 0.00	38.36 1.68 0.00	31.11 1.43 0.00	24.52 1.21 0.00	24.05 1.16 0.00	27.40 1.08 0.00	28.30 0.92 0.00	26.82 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.88 -0.47 0.00	27.66 -0.92 0.00	30.24 -1.06 0.00	27.63 -1.12 0.00	26.20 -1.11 0.00	29.84 -1.16 0.00	32.52 -1.16 0.00	29.38 -1.39 0.00	26.49 -1.46 0.00	23.84 -1.40 0.00	24.00 -1.16 0.00	24.18 -1.19 0.00	21.86 -1.13 0.00	21.05 -1.05 0.00	22.62 -0.78 0.00	26.66 -0.88 0.00	28.58 -1.15 0.00	34.95 -1.73 0.00	28.00 -1.68 0.00	21.89 -1.42 0.00	21.25 -1.56 0.08	24.14 -1.89 0.28	25.45 -1.93 0.00	24.33 -1.56 0.11
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.03 1.68 0.00	30.17 1.58 0.00	32.93 1.64 0.00	30.32 1.57 0.00	28.81 1.51 0.00	32.87 1.86 0.00	36.19 2.51 0.00	33.52 2.74 0.00	30.21 2.26 0.00	27.27 2.02 0.00	26.95 1.79 0.00	27.00 1.63 0.00	24.38 1.23 -0.16	23.36 1.26 0.00	24.84 1.44 0.00	29.64 2.10 0.00	32.39 2.66 0.00	40.08 3.41 0.00	32.53 2.85 0.00	25.48 2.17 0.00	24.91 2.03 0.00	28.35 2.04 0.00	29.18 1.80 0.00	27.53 1.53 0.00
PEEKSKILL____ 23653	28.70 1.35 0.00	29.84 1.26 0.00	32.52 1.22 0.00	29.92 1.17 0.00	28.42 1.11 0.00	32.42 1.41 0.00	35.69 2.01 0.00	33.05 2.27 0.00	29.78 1.83 0.00	26.92 1.67 0.00	26.65 1.49 0.00	26.71 1.33 0.00	24.58 0.94 -0.66	23.07 0.97 0.00	24.54 1.14 0.00	29.30 1.75 0.00	32.00 2.27 0.00	39.57 2.89 0.00	32.10 2.42 0.00	25.13 1.82 0.00	24.57 1.69 0.00	27.99 1.67 0.00	28.81 1.43 0.00	27.20 1.20 0.00
PGE MADISON__WINDPWR 24146	29.78 2.28 -0.14	30.75 2.12 -0.04	33.61 2.31 0.00	30.85 2.10 0.00	29.34 2.03 0.00	33.81 2.78 -0.03	37.21 3.50 -0.03	34.23 3.45 0.00	30.87 2.75 -0.17	27.72 2.28 -0.20	27.20 2.03 -0.01	27.17 1.79 0.00	24.68 1.20 -0.50	23.06 0.91 -0.04	24.66 1.22 -0.04	29.16 1.61 0.00	31.80 2.07 0.00	39.14 2.46 0.00	31.44 1.77 0.00	24.63 1.32 0.00	24.10 1.03 -0.19	27.54 1.17 -0.06	28.33 0.95 0.00	27.34 0.77 -0.57
PIERCEFIELD__HYD 23852	27.85 0.50 0.00	29.22 0.63 0.00	32.04 0.75 0.00	29.39 0.64 0.00	27.76 0.45 0.00	31.08 0.07 0.00	33.33 -0.36 0.00	30.28 -0.50 0.00	27.64 -0.31 0.00	24.97 -0.28 0.00	25.19 0.03 0.00	25.63 0.26 0.00	23.34 0.35 0.00	22.38 0.27 0.00	23.52 0.12 0.00	27.31 -0.24 0.00	29.21 -0.52 0.00	35.85 -0.83 0.00	28.89 -0.79 0.00	22.71 -0.60 0.00	22.51 -0.37 0.00	26.19 -0.12 0.00	27.55 0.17 0.00	26.19 0.19 0.00
PINELAWN_CC_1 323563	29.78 2.42 -0.01	30.82 2.23 0.00	33.56 2.26 0.00	30.98 2.23 0.00	35.18 2.15 -5.72	68.72 2.48 -35.24	83.38 3.06 -46.63	75.84 3.26 -41.80	65.49 2.67 -34.88	36.33 2.42 -8.67	31.66 2.24 -4.27	27.39 1.99 -0.03	36.23 1.62 -11.62	32.70 1.59 -9.00	44.68 1.89 -19.40	67.13 2.63 -36.97	61.79 3.14 -28.93	111.49 3.77 -71.04	403.87 3.14 -371.05	119.23 2.48 -93.44	69.97 2.46 -44.62	42.59 2.56 -13.71	29.77 2.38 -0.01	28.05 2.06 0.00
PJM_GEN_HTP_PROXY 323702	28.75 1.39 0.00	29.89 1.30 0.00	32.58 1.28 0.00	29.97 1.22 0.00	28.47 1.16 0.00	32.47 1.47 0.00	35.85 2.17 0.00	33.21 2.43 0.00	29.92 1.98 0.00	26.10 1.83 0.98	32.71 1.70 -5.86	26.89 1.52 0.00	24.64 1.10 -0.56	23.25 1.14 0.00	24.71 1.31 0.00	29.48 1.94 0.00	32.19 2.46 0.00	39.78 3.10 0.00	32.28 2.61 0.00	25.27 1.96 0.00	24.69 1.81 0.00	28.12 1.80 0.00	29.11 1.55 -0.18	27.15 1.27 0.12

PJM_GEN_KEystone 24065	26.79 0.06 0.62	28.23 -0.18 0.17	30.95 -0.35 0.00	28.42 -0.33 0.00	26.98 -0.33 0.00	30.56 -0.31 0.14	29.87 -0.07 3.74	35.15 0.05 -4.32	26.93 -0.20 0.82	23.09 -0.20 1.96	30.78 -0.17 -5.79	26.87 -0.26 -1.75	17.50 -0.44 5.04	21.54 -0.35 0.21	22.58 -0.18 0.64	27.59 0.04 0.00	24.51 0.15 5.38	41.91 0.15 -5.09	26.33 0.03 3.38	23.40 0.09 0.00	22.48 -0.09 0.32	26.04 -0.20 0.07	27.23 -0.37 -0.21	23.76 -0.34 1.90
PJM_GEN_NEPTUNE_PROXY 323594	29.21 1.85 -0.01	30.28 1.69 0.00	32.99 1.70 0.00	30.47 1.72 0.00	30.65 1.65 -1.69	43.49 2.06 -10.42	51.56 2.70 -15.18	49.63 2.93 -15.93	47.44 2.40 -17.09	30.53 2.18 -3.11	35.05 2.02 -7.88	27.20 1.81 -0.02	31.01 1.43 -6.59	30.54 1.44 -6.99	35.32 1.68 -10.24	49.83 2.34 -19.95	50.56 2.89 -17.94	100.61 3.68 -60.25	373.15 3.08 -340.39	86.13 2.27 -60.55	60.19 2.10 -35.21	35.96 2.16 -7.49	29.53 1.96 -0.18	27.56 1.68 0.12
PJM_GEN_VFT_PROXY 323633	28.58 1.23 0.00	29.75 1.16 0.00	32.42 1.12 0.00	29.83 1.08 0.00	28.32 1.02 0.00	32.31 1.30 0.00	35.65 1.97 0.00	33.04 2.26 0.00	29.77 1.82 0.00	25.96 1.69 0.98	32.57 1.55 -5.86	26.75 1.37 0.00	24.52 0.97 -0.55	23.14 1.03 0.00	24.59 1.19 0.00	29.34 1.79 0.00	32.06 2.33 0.00	39.62 2.94 0.00	32.16 2.48 0.00	25.16 1.85 0.00	24.58 1.70 0.00	27.99 1.68 0.00	28.97 1.41 -0.18	27.01 1.13 0.12
PLATSBRG_115KV_PMLD1 355749	29.04 1.69 0.00	30.45 1.86 0.00	33.37 2.08 0.00	30.68 1.93 0.00	29.05 1.75 0.00	32.58 1.58 0.00	35.04 1.35 0.00	31.92 1.15 0.00	29.01 1.06 0.00	26.17 0.92 0.00	26.28 1.12 0.00	26.77 1.39 0.00	24.23 1.24 0.00	23.22 1.12 0.00	24.36 0.96 0.00	28.60 1.06 0.00	30.83 1.10 0.00	37.74 1.06 0.00	30.29 0.61 0.00	23.86 0.55 0.00	23.46 0.57 0.00	26.94 0.63 0.00	28.07 0.68 0.00	26.88 0.88 0.00
PLEASANTVLY___LBMP 24000	28.63 1.28 0.00	29.79 1.20 0.00	32.50 1.21 0.00	29.92 1.16 0.00	28.43 1.12 0.00	32.40 1.39 0.00	35.61 1.93 0.00	32.94 2.16 0.00	29.71 1.76 0.00	26.84 1.60 0.00	26.53 1.38 0.00	26.61 1.23 0.00	24.09 0.88 -0.22	23.02 0.91 0.00	24.46 1.05 0.00	29.18 1.64 0.00	31.84 2.11 0.00	39.35 2.67 0.00	31.93 2.26 0.00	25.03 1.72 0.00	24.48 1.60 0.00	27.89 1.57 0.00	28.73 1.34 0.00	27.13 1.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.79 1.44 0.00	29.91 1.32 0.00	32.62 1.32 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.52 1.52 0.00	35.81 2.13 0.00	33.20 2.42 0.00	29.92 1.97 0.00	27.04 1.79 0.00	26.78 1.62 0.00	26.84 1.46 0.00	24.47 1.07 -0.42	23.20 1.10 0.00	24.66 1.26 0.00	29.43 1.89 0.00	32.13 2.40 0.00	39.73 3.05 0.00	32.24 2.56 0.00	25.25 1.94 0.00	24.68 1.80 0.00	28.11 1.79 0.00	28.93 1.55 0.00	27.29 1.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.79 1.44 0.00	29.91 1.32 0.00	32.62 1.32 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.52 1.52 0.00	35.81 2.13 0.00	33.20 2.42 0.00	29.92 1.97 0.00	27.04 1.79 0.00	26.78 1.62 0.00	26.84 1.46 0.00	24.47 1.07 -0.42	23.20 1.10 0.00	24.66 1.26 0.00	29.43 1.89 0.00	32.13 2.40 0.00	39.73 3.05 0.00	32.24 2.56 0.00	25.25 1.94 0.00	24.68 1.80 0.00	28.11 1.79 0.00	28.93 1.55 0.00	27.29 1.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.93 1.58 0.00	30.07 1.48 0.00	32.82 1.53 0.00	30.20 1.45 0.00	28.70 1.39 0.00	32.71 1.71 0.00	36.01 2.33 0.00	33.31 2.53 0.00	30.03 2.09 0.00	27.10 1.85 0.00	26.73 1.57 0.00	26.79 1.41 0.00	24.03 1.04 0.00	23.20 1.10 0.00	24.67 1.27 0.00	29.46 1.92 0.00	32.20 2.47 0.00	39.81 3.13 0.00	32.32 2.64 0.00	25.33 2.02 0.00	24.76 1.88 0.00	28.20 1.88 0.00	29.03 1.65 0.00	27.42 1.42 0.00
POLETTI_____ 23519	28.72 1.36 0.00	29.86 1.27 0.00	32.53 1.24 0.00	29.94 1.19 0.00	28.44 1.13 0.00	32.42 1.41 0.00	35.77 2.09 0.00	33.15 2.37 0.00	29.88 1.93 0.00	27.07 1.82 0.00	26.85 1.69 0.00	26.89 1.52 0.00	24.62 1.09 -0.55	23.25 1.14 0.00	24.69 1.29 0.00	29.45 1.91 0.00	32.16 2.43 0.00	39.72 3.04 0.00	32.26 2.58 0.00	25.26 1.94 0.00	24.68 1.80 0.00	28.10 1.79 0.00	28.90 1.52 0.00	27.23 1.24 0.00
POMONA___ESR 323819	28.51 1.16 0.00	29.70 1.12 0.00	32.46 1.17 0.00	29.92 1.17 0.00	28.43 1.13 0.00	32.42 1.41 0.00	35.68 2.00 0.00	33.05 2.28 0.00	29.77 1.82 0.00	26.90 1.65 0.00	26.64 1.48 0.00	26.69 1.32 0.00	22.98 0.92 0.92	23.05 0.95 0.00	24.52 1.12 0.00	29.28 1.74 0.00	32.01 2.28 0.00	39.60 2.92 0.00	32.10 2.43 0.00	25.13 1.82 0.00	24.56 1.68 0.00	27.99 1.67 0.00	28.82 1.43 0.00	27.20 1.20 0.00
PORT_JEFF_3 23555	30.10 2.74 -0.01	31.14 2.55 0.00	33.90 2.61 0.00	31.28 2.53 0.00	35.79 2.44 -6.05	71.24 3.00 -37.24	86.30 3.73 -48.88	77.84 3.91 -43.15	66.07 3.21 -34.91	36.87 2.90 -8.72	32.17 2.71 -4.30	27.86 2.46 -0.03	36.47 2.03 -11.46	32.38 2.01 -8.27	44.94 2.33 -19.20	67.19 3.17 -36.47	61.45 3.86 -27.85	108.10 4.79 -66.64	387.54 3.81 -354.06	115.77 2.93 -89.52	66.72 2.67 -41.17	42.58 2.80 -13.47	30.01 2.63 -0.01	28.29 2.29 0.00
PORT_JEFF_4 23616	30.10 2.74 -0.01	31.14 2.55 0.00	33.90 2.61 0.00	31.28 2.53 0.00	35.79 2.44 -6.05	71.24 3.00 -37.24	86.30 3.73 -48.88	77.84 3.91 -43.15	66.07 3.21 -34.91	36.87 2.90 -8.72	32.17 2.71 -4.30	27.86 2.46 -0.03	36.47 2.03 -11.46	32.38 2.01 -8.27	44.94 2.33 -19.20	67.19 3.17 -36.47	61.45 3.86 -27.85	108.10 4.79 -66.64	387.54 3.81 -354.06	115.77 2.93 -89.52	66.72 2.67 -41.17	42.58 2.80 -13.47	30.01 2.63 -0.01	28.29 2.29 0.00
PORT_JEFF_IC 23713	30.15 2.79 -0.01	31.17 2.58 0.00	33.93 2.63 0.00	31.31 2.56 0.00	35.80 2.47 -6.02	71.14 3.04 -37.10	86.17 3.77 -48.73	77.78 3.94 -43.07	66.12 3.24 -34.93	36.90 2.93 -8.72	32.19 2.74 -4.30	27.89 2.48 -0.03	36.51 2.05 -11.48	32.46 2.02 -8.33	44.98 2.35 -19.23	67.27 3.20 -36.53	61.59 3.90 -27.96	108.49 4.85 -66.96	388.13 3.87 -354.59	115.93 2.97 -89.64	66.88 2.71 -41.29	42.63 2.84 -13.48	30.05 2.66 -0.01	28.32 2.32 0.00
PPL PILGRIM_ST_GT1 24216	30.07 2.71 -0.01	31.13 2.54 0.00	33.87 2.58 0.00	31.27 2.52 0.00	35.73 2.43 -5.99	70.89 2.97 -36.91	85.93 3.72 -48.52	77.61 3.88 -42.96	66.08 3.18 -34.95	36.86 2.89 -8.72	32.17 2.72 -4.30	27.87 2.46 -0.03	36.56 2.08 -11.50	32.55 2.03 -8.42	45.04 2.37 -19.27	67.33 3.18 -36.61	61.54 3.72 -28.09	108.52 4.37 -67.48	390.10 3.69 -356.74	116.25 2.80 -90.13	67.22 2.60 -41.73	42.60 2.77 -13.51	30.02 2.63 -0.01	28.31 2.31 0.00
PPL PILGRIM_ST_GT2 24217	30.07 2.71 -0.01	31.13 2.54 0.00	33.87 2.58 0.00	31.27 2.52 0.00	35.73 2.43 -5.99	70.89 2.97 -36.91	85.93 3.72 -48.52	77.61 3.88 -42.96	66.08 3.18 -34.95	36.86 2.89 -8.72	32.17 2.72 -4.30	27.87 2.46 -0.03	36.56 2.08 -11.50	32.55 2.03 -8.42	45.04 2.37 -19.27	67.33 3.18 -36.61	61.54 3.72 -28.09	108.52 4.37 -67.48	390.10 3.69 -356.74	116.25 2.80 -90.13	67.22 2.60 -41.73	42.60 2.77 -13.51	30.02 2.63 -0.01	28.31 2.31 0.00

PPL_SHRM_GT3 24213	30.35 2.99 -0.01	31.39 2.80 0.00	34.16 2.87 0.00	31.53 2.79 0.00	36.04 2.69 -6.04	71.51 3.29 -37.21	86.61 4.07 -48.85	78.17 4.25 -43.14	66.34 3.47 -34.91	37.06 3.09 -8.72	32.30 2.85 -4.30	27.97 2.57 -0.03	36.58 2.13 -11.46	32.53 2.15 -8.28	45.09 2.48 -19.21	67.42 3.40 -36.48	61.79 4.19 -27.87	108.62 5.24 -66.70	387.76 3.84 -354.25	115.94 3.07 -89.56	66.97 2.87 -41.22	42.80 3.02 -13.47	30.23 2.84 -0.01	28.47 2.47 0.00
PPL_SHRM_GT4 24214	30.35 2.99 -0.01	31.39 2.80 0.00	34.16 2.87 0.00	31.53 2.79 0.00	36.04 2.69 -6.04	71.51 3.29 -37.21	86.61 4.07 -48.85	78.17 4.25 -43.14	66.34 3.47 -34.91	37.06 3.09 -8.72	32.30 2.85 -4.30	27.97 2.57 -0.03	36.58 2.13 -11.46	32.53 2.15 -8.28	45.09 2.48 -19.21	67.42 3.40 -36.48	61.79 4.19 -27.87	108.62 5.24 -66.70	387.76 3.84 -354.25	115.94 3.07 -89.56	66.97 2.87 -41.22	42.80 3.02 -13.47	30.23 2.84 -0.01	28.47 2.47 0.00
PROJECT___ORANGE 1 24174	26.71 -0.64 0.00	27.78 -0.81 0.00	30.38 -0.92 0.00	27.90 -0.86 0.00	26.53 -0.78 0.00	30.22 -0.79 0.00	33.01 -0.67 0.00	30.24 -0.54 0.00	27.35 -0.60 0.00	24.73 -0.52 0.00	24.63 -0.53 0.00	24.78 -0.59 0.00	22.36 -0.63 0.00	21.50 -0.60 0.00	22.77 -0.63 0.00	26.94 -0.60 0.00	29.17 -0.56 0.00	36.01 -0.66 0.00	29.07 -0.60 0.00	22.79 -0.52 0.00	22.29 -0.60 0.00	25.58 -0.74 0.00	26.65 -0.73 0.00	25.43 -0.56 0.00
PROJECT___ORANGE 2 24166	26.71 -0.64 0.00	27.78 -0.81 0.00	30.38 -0.92 0.00	27.90 -0.86 0.00	26.53 -0.78 0.00	30.22 -0.79 0.00	33.01 -0.67 0.00	30.24 -0.54 0.00	27.35 -0.60 0.00	24.73 -0.52 0.00	24.63 -0.53 0.00	24.78 -0.59 0.00	22.36 -0.63 0.00	21.50 -0.60 0.00	22.77 -0.63 0.00	26.94 -0.60 0.00	29.17 -0.56 0.00	36.01 -0.66 0.00	29.07 -0.60 0.00	22.79 -0.52 0.00	22.29 -0.60 0.00	25.58 -0.74 0.00	26.65 -0.73 0.00	25.43 -0.56 0.00
PUCKETT___SOLAR 323809	27.96 0.41 -0.19	28.87 0.22 -0.05	31.55 0.26 0.00	28.96 0.20 0.00	27.52 0.21 0.00	31.47 0.43 -0.04	34.45 0.73 -0.04	31.62 0.84 0.00	28.66 0.48 -0.23	25.88 0.36 -0.27	25.42 0.25 -0.02	25.42 0.04 0.00	23.57 -0.09 -0.68	22.01 -0.16 -0.06	23.34 -0.11 -0.05	27.70 0.15 0.00	30.10 0.37 0.00	37.18 0.50 0.00	29.97 0.29 0.00	23.47 0.17 0.00	23.00 0.01 -0.11	26.23 -0.08 0.00	27.15 -0.23 0.00	26.35 -0.21 -0.57
PYRITES___HYD 24023	28.40 1.05 0.00	29.79 1.20 0.00	32.67 1.38 0.00	29.95 1.20 0.00	28.32 1.01 0.00	31.81 0.81 0.00	34.25 0.57 0.00	31.12 0.34 0.00	28.40 0.45 0.00	25.64 0.40 0.00	25.81 0.66 0.00	26.24 0.86 0.00	23.92 0.94 0.00	22.97 0.86 0.00	24.21 0.81 0.00	28.14 0.59 0.00	30.14 0.41 0.00	36.99 0.31 0.00	29.85 0.17 0.00	23.39 0.08 0.00	23.17 0.28 0.00	26.97 0.65 0.00	28.22 0.83 0.00	26.78 0.78 0.00
QUAKERRD_115KV_BK1 80622	25.91 -1.44 0.00	26.82 -1.77 0.00	29.31 -1.98 0.00	26.85 -1.90 0.00	25.52 -1.79 0.00	29.11 -1.90 0.00	31.83 -1.85 0.00	28.94 -1.83 0.00	26.18 -1.77 0.00	23.62 -1.63 0.00	23.62 -1.54 0.00	23.77 -1.61 0.00	21.44 -1.54 0.00	20.63 -1.47 0.00	21.99 -1.41 0.00	25.95 -1.59 0.00	27.96 -1.78 0.00	34.36 -2.32 0.00	27.68 -1.99 0.00	21.69 -1.62 0.00	21.13 -1.71 0.05	24.24 -2.07 0.00	25.26 -2.12 0.00	24.09 -1.85 0.06
QUENSBRY_115KV_TB8 356137	28.43 1.07 0.00	29.65 1.06 0.00	32.60 1.30 0.00	30.00 1.25 0.00	28.34 1.03 0.00	32.37 1.37 0.00	35.39 1.71 0.00	32.53 1.75 0.00	29.53 1.58 0.00	26.58 1.33 0.00	26.24 1.09 0.00	26.45 1.08 0.00	23.82 0.84 0.00	22.92 0.81 0.00	24.22 0.82 0.00	28.89 1.35 0.00	31.30 1.57 0.00	38.74 2.06 0.00	31.33 1.65 0.00	24.63 1.32 0.00	24.11 1.23 0.00	27.46 1.15 0.00	28.36 0.98 0.00	26.84 0.84 0.00
RAMAPO___LBMP 323565	28.41 1.05 0.00	29.57 0.98 0.00	32.33 1.04 0.00	29.80 1.06 0.00	28.32 1.02 0.00	32.27 1.27 0.00	35.50 1.82 0.00	32.89 2.11 0.00	29.62 1.68 0.00	26.77 1.52 0.00	26.50 1.34 0.00	26.56 1.18 0.00	22.88 0.80 0.90	22.94 0.84 0.00	24.39 0.99 0.00	29.13 1.59 0.00	31.84 2.11 0.00	39.39 2.71 0.00	31.94 2.26 0.00	25.00 1.68 0.00	24.44 1.56 0.00	27.85 1.54 0.00	28.69 1.31 0.00	27.09 1.09 0.00
RANKINE____ 23646	26.36 -0.99 0.00	27.13 -1.46 0.00	29.65 -1.65 0.00	27.08 -1.67 0.00	25.69 -1.62 0.00	29.30 -1.70 0.00	31.91 -1.78 0.00	28.73 -2.05 0.00	25.91 -2.05 0.00	23.30 -1.95 0.00	23.44 -1.71 0.00	23.63 -1.75 0.00	21.33 -1.65 0.00	20.60 -1.50 0.00	22.14 -1.26 0.00	26.07 -1.48 0.00	27.90 -1.83 0.00	34.14 -2.55 0.00	27.33 -2.35 0.00	21.37 -1.95 0.00	20.72 -2.09 0.08	23.48 -2.52 0.31	24.82 -2.56 0.00	23.73 -2.16 0.11
RAVENSWOOD_GT2_1 24244	28.76 1.41 0.00	29.91 1.32 0.00	32.58 1.29 0.00	30.00 1.25 0.00	28.49 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.43 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.64 1.11 -0.55	23.26 1.15 0.00	24.71 1.31 0.00	29.49 1.94 0.00	32.20 2.47 0.00	39.78 3.10 0.00	32.31 2.64 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.13 1.81 0.00	28.94 1.56 0.00	27.28 1.28 0.00
RAVENSWOOD_GT2_2 24245	28.76 1.41 0.00	29.91 1.32 0.00	32.58 1.29 0.00	30.00 1.25 0.00	28.49 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.43 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.64 1.11 -0.55	23.26 1.15 0.00	24.71 1.31 0.00	29.49 1.94 0.00	32.20 2.47 0.00	39.78 3.10 0.00	32.31 2.64 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.13 1.81 0.00	28.94 1.56 0.00	27.28 1.28 0.00
RAVENSWOOD_GT2_3 24246	28.77 1.42 0.00	29.92 1.33 0.00	32.60 1.31 0.00	30.00 1.25 0.00	28.50 1.20 0.00	32.50 1.50 0.00	35.85 2.17 0.00	33.22 2.45 0.00	29.94 2.00 0.00	27.11 1.86 0.00	26.87 1.72 0.00	26.92 1.55 0.00	24.66 1.12 -0.55	23.27 1.17 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.79 3.11 0.00	32.32 2.64 0.00	25.30 1.99 0.00	24.72 1.83 0.00	28.14 1.82 0.00	28.95 1.57 0.00	27.29 1.30 0.00
RAVENSWOOD_GT2_4 24247	28.77 1.42 0.00	29.92 1.33 0.00	32.60 1.31 0.00	30.00 1.25 0.00	28.50 1.20 0.00	32.50 1.50 0.00	35.85 2.17 0.00	33.22 2.45 0.00	29.94 2.00 0.00	27.11 1.86 0.00	26.87 1.72 0.00	26.92 1.55 0.00	24.66 1.12 -0.55	23.27 1.17 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.79 3.11 0.00	32.32 2.64 0.00	25.30 1.99 0.00	24.72 1.83 0.00	28.14 1.82 0.00	28.95 1.57 0.00	27.29 1.30 0.00
RAVENSWOOD_GT3_1 24248	28.76 1.41 0.00	29.91 1.32 0.00	32.58 1.29 0.00	30.00 1.25 0.00	28.49 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.43 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.15 0.00	24.71 1.31 0.00	29.49 1.94 0.00	32.20 2.47 0.00	39.78 3.10 0.00	32.31 2.64 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.13 1.81 0.00	28.94 1.56 0.00	27.28 1.28 0.00



RAVENSWOOD_GT3_2 24249	28.76 1.41 0.00	29.91 1.32 0.00	32.58 1.29 0.00	30.00 1.25 0.00	28.49 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.43 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.15 0.00	24.71 1.31 0.00	29.49 1.94 0.00	32.20 2.47 0.00	39.78 3.10 0.00	32.31 2.64 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.13 1.81 0.00	28.94 1.56 0.00	27.28 1.28 0.00
RAVENSWOOD_GT3_3 24250	28.80 1.45 0.00	29.95 1.36 0.00	32.63 1.34 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.26 2.48 0.00	29.98 2.03 0.00	27.14 1.89 0.00	26.90 1.75 0.00	26.96 1.58 0.00	24.69 1.15 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.25 2.52 0.00	39.84 3.16 0.00	32.36 2.68 0.00	25.32 2.01 0.00	24.74 1.86 0.00	28.17 1.85 0.00	28.98 1.59 0.00	27.32 1.32 0.00
RAVENSWOOD_GT3_4 24251	28.80 1.45 0.00	29.95 1.36 0.00	32.63 1.34 0.00	30.03 1.28 0.00	28.53 1.22 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.26 2.48 0.00	29.98 2.03 0.00	27.14 1.89 0.00	26.90 1.75 0.00	26.96 1.58 0.00	24.69 1.15 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.25 2.52 0.00	39.84 3.16 0.00	32.36 2.68 0.00	25.32 2.01 0.00	24.74 1.86 0.00	28.17 1.85 0.00	28.98 1.59 0.00	27.32 1.32 0.00
RAVENSWOOD_GT_1 23729	28.75 1.40 0.00	29.89 1.30 0.00	32.55 1.26 0.00	29.97 1.22 0.00	28.47 1.17 0.00	32.49 1.49 0.00	35.85 2.17 0.00	33.26 2.48 0.00	29.98 2.03 0.00	27.15 1.90 0.00	26.93 1.78 0.00	26.97 1.60 0.00	24.68 1.14 -0.55	23.29 1.19 0.00	24.74 1.34 0.00	29.52 1.98 0.00	32.24 2.51 0.00	39.80 3.12 0.00	32.38 2.70 0.00	25.32 2.01 0.00	24.74 1.86 0.00	28.15 1.83 0.00	28.96 1.57 0.00	27.29 1.29 0.00
RAVENSWOOD_GT_10 24258	28.77 1.42 0.00	29.91 1.33 0.00	32.59 1.29 0.00	30.00 1.25 0.00	28.50 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.44 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.16 0.00	24.71 1.31 0.00	29.49 1.95 0.00	32.20 2.47 0.00	39.78 3.11 0.00	32.31 2.63 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.14 1.82 0.00	28.94 1.56 0.00	27.28 1.28 0.00
RAVENSWOOD_GT_11 24259	28.77 1.42 0.00	29.91 1.33 0.00	32.59 1.29 0.00	30.00 1.25 0.00	28.50 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.44 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.16 0.00	24.71 1.31 0.00	29.49 1.95 0.00	32.20 2.47 0.00	39.78 3.11 0.00	32.31 2.63 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.14 1.82 0.00	28.94 1.56 0.00	27.28 1.28 0.00
RAVENSWOOD_GT_4 24252	28.77 1.43 0.00	29.93 1.34 0.00	32.61 1.32 0.00	30.02 1.27 0.00	28.51 1.21 0.00	32.51 1.51 0.00	35.85 2.17 0.00	33.23 2.45 0.00	29.94 2.00 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.92 1.54 0.00	24.66 1.12 -0.55	23.27 1.17 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.80 3.12 0.00	32.31 2.64 0.00	25.29 1.98 0.00	24.72 1.84 0.00	28.14 1.83 0.00	28.96 1.58 0.00	27.29 1.30 0.00
RAVENSWOOD_GT_5 24254	28.77 1.43 0.00	29.93 1.34 0.00	32.61 1.32 0.00	30.02 1.27 0.00	28.51 1.21 0.00	32.51 1.51 0.00	35.85 2.17 0.00	33.23 2.45 0.00	29.94 2.00 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.92 1.54 0.00	24.66 1.12 -0.55	23.27 1.17 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.80 3.12 0.00	32.31 2.64 0.00	25.29 1.98 0.00	24.72 1.84 0.00	28.14 1.83 0.00	28.96 1.58 0.00	27.29 1.30 0.00
RAVENSWOOD_GT_6 24253	28.77 1.43 0.00	29.93 1.34 0.00	32.61 1.32 0.00	30.02 1.27 0.00	28.51 1.21 0.00	32.51 1.51 0.00	35.85 2.17 0.00	33.23 2.45 0.00	29.94 2.00 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.92 1.54 0.00	24.66 1.12 -0.55	23.27 1.17 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.80 3.12 0.00	32.31 2.64 0.00	25.29 1.98 0.00	24.72 1.84 0.00	28.14 1.83 0.00	28.96 1.58 0.00	27.29 1.30 0.00
RAVENSWOOD_GT_7 24255	28.77 1.43 0.00	29.93 1.34 0.00	32.61 1.32 0.00	30.02 1.27 0.00	28.51 1.21 0.00	32.51 1.51 0.00	35.85 2.17 0.00	33.23 2.45 0.00	29.94 2.00 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.92 1.54 0.00	24.66 1.12 -0.55	23.27 1.17 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.22 2.49 0.00	39.80 3.12 0.00	32.31 2.64 0.00	25.29 1.98 0.00	24.72 1.84 0.00	28.14 1.83 0.00	28.96 1.58 0.00	27.29 1.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.77 1.42 0.00	29.91 1.33 0.00	32.59 1.29 0.00	30.00 1.25 0.00	28.50 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.44 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.16 0.00	24.71 1.31 0.00	29.49 1.95 0.00	32.20 2.47 0.00	39.78 3.11 0.00	32.31 2.63 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.14 1.82 0.00	28.94 1.56 0.00	27.28 1.28 0.00
RAVENSWOOD_GT_9 24257	28.77 1.42 0.00	29.91 1.33 0.00	32.59 1.29 0.00	30.00 1.25 0.00	28.50 1.19 0.00	32.50 1.50 0.00	35.84 2.16 0.00	33.21 2.44 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.16 0.00	24.71 1.31 0.00	29.49 1.95 0.00	32.20 2.47 0.00	39.78 3.11 0.00	32.31 2.63 0.00	25.28 1.97 0.00	24.71 1.83 0.00	28.14 1.82 0.00	28.94 1.56 0.00	27.28 1.28 0.00
RAVENSWOOD___1 23533	28.70 1.35 0.00	29.83 1.24 0.00	32.49 1.20 0.00	29.92 1.17 0.00	28.41 1.10 0.00	32.43 1.43 0.00	35.80 2.12 0.00	33.20 2.42 0.00	29.92 1.97 0.00	27.09 1.85 0.00	26.88 1.72 0.00	26.90 1.53 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.70 1.30 0.00	29.46 1.92 0.00	32.18 2.45 0.00	39.73 3.05 0.00	32.31 2.63 0.00	25.26 1.95 0.00	24.68 1.80 0.00	28.09 1.78 0.00	28.90 1.51 0.00	27.24 1.24 0.00
RAVENSWOOD___2 23534	28.70 1.35 0.00	29.83 1.24 0.00	32.49 1.20 0.00	29.92 1.17 0.00	28.41 1.10 0.00	32.43 1.43 0.00	35.80 2.12 0.00	33.20 2.42 0.00	29.92 1.97 0.00	27.09 1.85 0.00	26.88 1.72 0.00	26.90 1.53 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.70 1.30 0.00	29.46 1.92 0.00	32.18 2.45 0.00	39.73 3.05 0.00	32.31 2.63 0.00	25.26 1.95 0.00	24.68 1.80 0.00	28.09 1.78 0.00	28.90 1.51 0.00	27.24 1.24 0.00
RAVENSWOOD___3 23535	28.76 1.41 0.00	29.91 1.32 0.00	32.58 1.29 0.00	30.00 1.25 0.00	28.48 1.18 0.00	32.50 1.50 0.00	35.87 2.19 0.00	33.22 2.45 0.00	29.94 1.99 0.00	27.10 1.85 0.00	26.87 1.71 0.00	26.91 1.53 0.00	24.65 1.11 -0.55	23.26 1.16 0.00	24.72 1.32 0.00	29.49 1.95 0.00	32.20 2.47 0.00	39.79 3.11 0.00	32.31 2.64 0.00	25.29 1.98 0.00	24.71 1.83 0.00	28.13 1.82 0.00	28.94 1.56 0.00	27.28 1.28 0.00

RAVENSWOOD___4 23820	28.70 1.35 0.00	29.83 1.24 0.00	32.49 1.20 0.00	29.92 1.17 0.00	28.41 1.10 0.00	32.43 1.43 0.00	35.80 2.12 0.00	33.20 2.42 0.00	29.92 1.97 0.00	27.09 1.85 0.00	26.88 1.72 0.00	26.90 1.53 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.70 1.30 0.00	29.46 1.92 0.00	32.18 2.45 0.00	39.73 3.05 0.00	32.31 2.63 0.00	25.26 1.95 0.00	24.68 1.80 0.00	28.09 1.78 0.00	28.90 1.51 0.00	27.24 1.24 0.00
RCPI_TRUST___DRP 24196	28.80 1.45 0.00	29.95 1.36 0.00	32.64 1.34 0.00	30.03 1.28 0.00	28.54 1.23 0.00	32.54 1.54 0.00	35.92 2.23 0.00	33.28 2.50 0.00	30.00 2.05 0.00	27.16 1.91 0.00	26.93 1.77 0.00	26.98 1.60 0.00	24.71 1.17 -0.56	23.31 1.21 0.00	24.77 1.37 0.00	29.56 2.02 0.00	32.28 2.55 0.00	39.88 3.20 0.00	32.37 2.69 0.00	25.33 2.02 0.00	24.75 1.87 0.00	28.18 1.87 0.00	28.99 1.61 0.00	27.32 1.32 0.00
RED___ROCHESTER 323720	26.27 -0.83 0.25	27.38 -1.14 0.07	29.97 -1.32 0.00	27.43 -1.32 0.00	26.09 -1.22 0.00	29.70 -1.26 0.05	32.41 -1.22 0.05	29.49 -1.29 0.00	26.41 -1.24 0.29	23.72 -1.18 0.35	24.06 -1.07 0.02	24.25 -1.12 0.00	20.99 -1.11 0.88	20.97 -1.06 0.07	22.39 -0.94 0.07	26.54 -1.00 0.00	28.56 -1.18 0.00	35.08 -1.60 0.00	28.25 -1.43 0.00	22.13 -1.18 0.00	21.41 -1.31 0.16	24.64 -1.64 0.03	25.72 -1.67 0.00	23.83 -1.40 0.77
REGAN___SOLAR 323812	30.08 2.73 0.00	31.33 2.74 0.00	34.29 2.99 0.00	31.49 2.74 0.00	29.92 2.62 0.00	34.13 3.12 0.00	37.32 3.64 0.00	34.19 3.41 0.00	30.97 3.02 0.00	27.99 2.74 0.00	27.60 2.44 0.00	27.15 1.78 0.00	24.53 1.55 0.00	23.50 1.40 0.00	24.91 1.51 0.00	30.17 2.63 0.00	32.96 3.23 0.00	40.72 4.04 0.00	32.86 3.18 0.00	25.72 2.42 0.00	25.15 2.27 0.00	28.86 2.54 0.00	30.05 2.67 0.00	28.41 2.42 0.00
RENSSELAER___COGEN 23796	28.03 0.68 0.00	29.20 0.61 0.00	31.92 0.62 0.00	29.35 0.61 0.00	27.88 0.57 0.00	31.75 0.75 0.00	34.73 1.05 0.00	31.95 1.17 0.00	28.90 0.95 0.00	26.08 0.83 0.00	25.77 0.62 0.00	25.90 0.52 0.00	23.33 0.34 0.00	22.50 0.40 0.00	23.87 0.47 0.00	28.26 0.71 0.00	30.72 0.99 0.00	38.17 1.48 0.00	30.97 1.29 0.00	24.42 1.10 0.00	23.95 1.07 0.00	27.29 0.97 0.00	28.19 0.81 0.00	26.72 0.72 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.34 1.99 0.00	30.61 2.03 0.00	33.55 2.25 0.00	30.93 2.18 0.00	29.25 1.94 0.00	33.54 2.53 0.00	36.80 3.12 0.00	33.99 3.21 0.00	30.86 2.91 0.00	27.42 2.17 0.00	26.98 1.82 0.00	27.42 2.04 0.00	24.69 1.70 0.00	23.76 1.66 0.00	24.96 1.56 0.00	29.97 2.42 0.00	32.48 2.75 0.00	40.18 3.50 0.00	32.36 2.68 0.00	25.47 2.16 0.00	24.85 1.97 0.00	28.28 1.97 0.00	29.24 1.85 0.00	27.69 1.69 0.00
REVERE_CPPR_DRP 24186	28.34 0.99 0.00	29.56 0.97 0.00	32.34 1.05 0.00	29.70 0.95 0.00	28.25 0.94 0.00	32.22 1.21 0.00	35.27 1.59 0.00	32.34 1.56 0.00	29.28 1.33 0.00	26.37 1.12 0.00	26.11 0.95 0.00	26.20 0.83 0.00	23.71 0.73 0.00	22.59 0.49 0.00	24.01 0.61 0.00	28.39 0.84 0.00	30.79 1.06 0.00	38.09 1.41 0.00	30.65 0.97 0.00	24.05 0.74 0.00	23.55 0.67 0.00	27.00 0.69 0.00	28.12 0.74 0.00	26.61 0.62 0.00
REYNOLDS_115KV_TB3 80639	28.11 0.76 0.00	29.29 0.70 0.00	32.01 0.71 0.00	29.44 0.68 0.00	27.96 0.65 0.00	31.84 0.84 0.00	34.83 1.15 0.00	32.04 1.27 0.00	29.00 1.05 0.00	26.14 0.89 0.00	25.83 0.67 0.00	25.95 0.57 0.00	23.47 0.40 -0.09	22.54 0.44 0.00	23.92 0.52 0.00	28.33 0.79 0.00	30.81 1.08 0.00	38.30 1.63 0.00	31.09 1.41 0.00	24.51 1.20 0.00	24.04 1.16 0.00	27.40 1.09 0.00	28.32 0.93 0.00	26.83 0.83 0.00
RIVERBAY____ 323610	28.80 1.45 0.00	29.97 1.38 0.00	32.63 1.34 0.00	30.06 1.31 0.00	28.54 1.23 0.00	32.60 1.60 0.00	35.98 2.30 0.00	33.41 2.63 0.00	30.08 2.13 0.00	27.21 1.96 0.00	26.92 1.77 0.00	26.91 1.54 0.00	24.65 1.11 -0.55	23.28 1.18 0.00	24.72 1.32 0.00	29.50 1.96 0.00	32.24 2.50 0.00	39.85 3.17 0.00	32.47 2.79 0.00	25.32 2.01 0.00	24.77 1.89 0.00	28.15 1.83 0.00	28.97 1.58 0.00	27.32 1.32 0.00
RIVERSDE_115KV_TB3 55908	28.10 0.75 0.00	29.27 0.68 0.00	31.99 0.69 0.00	29.41 0.66 0.00	27.95 0.64 0.00	31.82 0.82 0.00	34.80 1.12 0.00	32.03 1.25 0.00	28.98 1.03 0.00	26.14 0.89 0.00	25.84 0.68 0.00	25.96 0.59 0.00	23.48 0.40 -0.09	22.55 0.45 0.00	23.93 0.53 0.00	28.34 0.79 0.00	30.81 1.08 0.00	38.28 1.60 0.00	31.06 1.38 0.00	24.48 1.18 0.00	24.02 1.14 0.00	27.36 1.05 0.00	28.28 0.90 0.00	26.79 0.80 0.00
ROARING___BROOK_WT_PWR 323790	27.46 0.11 0.00	28.75 0.17 0.00	31.49 0.20 0.00	28.92 0.17 0.00	27.45 0.14 0.00	31.10 0.10 0.00	33.68 0.00 0.00	30.69 -0.08 0.00	27.93 -0.02 0.00	25.24 -0.01 0.00	25.20 0.04 0.00	25.48 0.10 0.00	23.11 0.13 0.00	22.15 0.05 0.00	23.34 -0.06 0.00	27.28 -0.26 0.00	29.22 -0.51 0.00	35.66 -1.02 0.00	28.77 -0.91 0.00	22.58 -0.73 0.00	22.24 -0.65 0.00	25.61 -0.70 0.00	26.63 -0.75 0.00	25.31 -0.69 0.00
ROCHESRG_115KV_T4 355643	26.25 -1.10 0.00	27.18 -1.41 0.00	29.69 -1.60 0.00	27.17 -1.58 0.00	25.81 -1.50 0.00	29.45 -1.56 0.00	32.14 -1.54 0.00	29.17 -1.61 0.00	26.39 -1.56 0.00	23.77 -1.47 0.00	23.80 -1.35 0.00	23.97 -1.40 0.00	21.63 -1.35 0.00	20.82 -1.28 0.00	22.21 -1.19 0.00	26.23 -1.32 0.00	28.21 -1.52 0.00	34.65 -2.03 0.00	27.89 -1.79 0.00	21.85 -1.46 0.00	21.27 -1.56 0.05	24.36 -1.91 0.04	25.45 -1.93 0.00	24.29 -1.64 0.06
ROCHESTER_9_IC 23652	26.40 -0.96 0.00	27.33 -1.26 0.00	29.85 -1.45 0.00	27.32 -1.43 0.00	25.96 -1.35 0.00	29.62 -1.38 0.00	32.35 -1.33 0.00	29.37 -1.41 0.00	26.57 -1.38 0.00	23.93 -1.32 0.00	23.96 -1.20 0.00	24.13 -1.25 0.00	21.76 -1.22 0.00	20.95 -1.16 0.00	22.35 -1.05 0.00	26.40 -1.14 0.00	28.40 -1.33 0.00	34.89 -1.79 0.00	28.08 -1.60 0.00	22.00 -1.31 0.00	21.40 -1.43 0.05	24.51 -1.77 0.03	25.59 -1.79 0.00	24.42 -1.51 0.07
ROCKVIEW_13_KV_LD 356306	28.88 1.53 0.00	29.98 1.39 0.00	32.67 1.38 0.00	30.08 1.33 0.00	28.58 1.27 0.00	32.59 1.59 0.00	35.91 2.23 0.00	33.29 2.51 0.00	30.01 2.06 0.00	27.13 1.89 0.00	26.88 1.73 0.00	26.94 1.57 0.00	24.69 1.15 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.55 2.01 0.00	32.26 2.53 0.00	39.89 3.21 0.00	32.37 2.70 0.00	25.35 2.04 0.00	24.77 1.89 0.00	28.20 1.89 0.00	29.03 1.65 0.00	27.37 1.38 0.00
ROME____115KV_TB2 80656	28.34 0.99 0.00	29.56 0.97 0.00	32.34 1.05 0.00	29.70 0.95 0.00	28.25 0.94 0.00	32.22 1.21 0.00	35.27 1.59 0.00	32.34 1.56 0.00	29.28 1.33 0.00	26.37 1.12 0.00	26.11 0.95 0.00	26.20 0.83 0.00	23.71 0.73 0.00	22.59 0.49 0.00	24.01 0.61 0.00	28.39 0.84 0.00	30.79 1.06 0.00	38.09 1.41 0.00	30.65 0.97 0.00	24.05 0.74 0.00	23.55 0.67 0.00	27.00 0.69 0.00	28.12 0.74 0.00	26.61 0.62 0.00

ROSETON___1 23587	28.55 1.20 0.00	29.71 1.12 0.00	32.43 1.14 0.00	29.86 1.11 0.00	28.36 1.05 0.00	32.33 1.33 0.00	35.55 1.87 0.00	32.89 2.11 0.00	29.66 1.71 0.00	26.79 1.54 0.00	26.50 1.34 0.00	26.56 1.19 0.00	23.82 0.84 0.00	22.98 0.88 0.00	24.43 1.03 0.00	29.14 1.59 0.00	31.80 2.06 0.00	39.32 2.64 0.00	31.89 2.22 0.00	24.99 1.69 0.00	24.44 1.56 0.00	27.84 1.53 0.00	28.69 1.30 0.00	27.10 1.10 0.00
ROSETON___2 23588	28.55 1.20 0.00	29.71 1.12 0.00	32.43 1.14 0.00	29.86 1.11 0.00	28.36 1.05 0.00	32.33 1.33 0.00	35.55 1.87 0.00	32.89 2.11 0.00	29.66 1.71 0.00	26.79 1.54 0.00	26.50 1.34 0.00	26.56 1.19 0.00	23.82 0.84 0.00	22.98 0.88 0.00	24.43 1.03 0.00	29.14 1.59 0.00	31.80 2.06 0.00	39.32 2.64 0.00	31.89 2.22 0.00	24.99 1.69 0.00	24.44 1.56 0.00	27.84 1.53 0.00	28.69 1.30 0.00	27.10 1.10 0.00
ROTTTRDAM_115KV_TB3 80664	28.21 0.86 0.00	29.40 0.81 0.00	32.17 0.87 0.00	29.58 0.83 0.00	28.08 0.78 0.00	31.97 0.97 0.00	34.93 1.24 0.00	32.10 1.32 0.00	29.06 1.11 0.00	26.23 0.98 0.00	26.00 0.84 0.00	26.12 0.75 0.00	23.54 0.56 0.00	22.66 0.56 0.00	24.03 0.63 0.00	28.50 0.96 0.00	30.93 1.20 0.00	38.28 1.60 0.00	31.02 1.35 0.00	24.38 1.07 0.00	23.89 1.01 0.00	27.30 0.99 0.00	28.27 0.89 0.00	26.78 0.79 0.00
RUSSELL___1 23602	26.52 -0.84 0.00	27.44 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.53 -1.25 0.00	26.72 -1.23 0.00	24.07 -1.18 0.00	24.09 -1.06 0.00	24.25 -1.12 0.00	21.87 -1.11 0.00	21.04 -1.06 0.00	22.46 -0.94 0.00	26.55 -1.00 0.00	28.56 -1.17 0.00	35.09 -1.59 0.00	28.25 -1.43 0.00	22.12 -1.19 0.00	21.53 -1.31 0.05	24.64 -1.64 0.03	25.72 -1.67 0.00	24.54 -1.40 0.07
RUSSELL___2 23532	26.52 -0.84 0.00	27.44 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.53 -1.25 0.00	26.72 -1.23 0.00	24.07 -1.18 0.00	24.09 -1.06 0.00	24.25 -1.12 0.00	21.87 -1.11 0.00	21.04 -1.06 0.00	22.46 -0.94 0.00	26.55 -1.00 0.00	28.56 -1.17 0.00	35.09 -1.59 0.00	28.25 -1.43 0.00	22.12 -1.19 0.00	21.53 -1.31 0.05	24.64 -1.64 0.03	25.72 -1.67 0.00	24.54 -1.40 0.07
RUSSELL___3 23549	26.52 -0.84 0.00	27.44 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.53 -1.25 0.00	26.72 -1.23 0.00	24.07 -1.18 0.00	24.09 -1.06 0.00	24.25 -1.12 0.00	21.87 -1.11 0.00	21.04 -1.06 0.00	22.46 -0.94 0.00	26.55 -1.00 0.00	28.56 -1.17 0.00	35.09 -1.59 0.00	28.25 -1.43 0.00	22.12 -1.19 0.00	21.53 -1.31 0.05	24.64 -1.64 0.03	25.72 -1.67 0.00	24.54 -1.40 0.07
RUSSELL___4 23556	26.52 -0.84 0.00	27.44 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.53 -1.25 0.00	26.72 -1.23 0.00	24.07 -1.18 0.00	24.09 -1.06 0.00	24.25 -1.12 0.00	21.87 -1.11 0.00	21.04 -1.06 0.00	22.46 -0.94 0.00	26.55 -1.00 0.00	28.56 -1.17 0.00	35.09 -1.59 0.00	28.25 -1.43 0.00	22.12 -1.19 0.00	21.53 -1.31 0.05	24.64 -1.64 0.03	25.72 -1.67 0.00	24.54 -1.40 0.07
RUSSELL___STATION 23914	26.52 -0.84 0.00	27.44 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.53 -1.25 0.00	26.72 -1.23 0.00	24.07 -1.18 0.00	24.09 -1.06 0.00	24.25 -1.12 0.00	21.87 -1.11 0.00	21.04 -1.06 0.00	22.46 -0.94 0.00	26.55 -1.00 0.00	28.56 -1.17 0.00	35.09 -1.59 0.00	28.25 -1.43 0.00	22.12 -1.19 0.00	21.53 -1.31 0.05	24.64 -1.64 0.03	25.72 -1.67 0.00	24.54 -1.40 0.07
S SALMON___HYD 24043	26.66 -0.69 0.00	27.74 -0.84 0.00	30.35 -0.95 0.00	27.87 -0.88 0.00	26.52 -0.79 0.00	30.20 -0.80 0.00	33.02 -0.66 0.00	30.25 -0.53 0.00	27.39 -0.55 0.00	24.73 -0.52 0.00	24.58 -0.58 0.00	24.70 -0.68 0.00	22.25 -0.74 0.00	21.29 -0.81 0.00	22.44 -0.95 0.00	26.57 -0.97 0.00	28.79 -0.94 0.00	35.61 -1.06 0.00	28.60 -1.08 0.00	22.42 -0.89 0.00	21.92 -0.96 0.00	25.20 -1.11 0.00	26.38 -1.01 0.00	25.11 -0.88 0.00
S.PERRY___115KV_TB1 80734	27.34 -0.01 0.00	28.27 -0.32 0.00	30.92 -0.37 0.00	28.32 -0.43 0.00	26.92 -0.39 0.00	30.70 -0.30 0.00	33.57 -0.11 0.00	30.49 -0.29 0.00	27.48 -0.47 0.00	24.58 -0.67 0.00	24.57 -0.58 0.00	24.62 -0.76 0.00	21.97 -1.02 0.00	21.11 -0.99 0.00	22.57 -0.83 0.00	27.08 -0.46 0.00	29.21 -0.52 0.00	35.92 -0.77 0.00	28.82 -0.86 0.00	22.48 -0.83 0.00	21.73 -1.01 0.14	25.92 -1.32 -0.92	25.97 -1.42 0.00	24.61 -1.20 0.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.95 -1.40 0.00	26.72 -1.87 0.00	29.17 -2.13 0.00	26.64 -2.11 0.00	25.27 -2.04 0.00	28.85 -2.15 0.00	31.37 -2.31 0.00	28.17 -2.61 0.00	25.45 -2.50 0.00	22.88 -2.37 0.00	23.02 -2.13 0.00	23.21 -2.17 0.00	20.98 -2.00 0.00	20.27 -1.83 0.00	21.76 -1.64 0.00	25.59 -1.96 0.00	27.35 -2.38 0.00	33.44 -3.24 0.00	26.82 -2.86 0.00	21.00 -2.31 0.00	20.38 -2.43 0.08	23.11 -2.92 0.28	24.46 -2.92 0.00	23.41 -2.49 0.10
SAWYER___23_KV_LOAD 55526	25.95 -1.40 0.00	26.72 -1.87 0.00	29.17 -2.13 0.00	26.64 -2.11 0.00	25.27 -2.04 0.00	28.85 -2.15 0.00	31.37 -2.31 0.00	28.17 -2.61 0.00	25.45 -2.50 0.00	22.88 -2.37 0.00	23.02 -2.13 0.00	23.21 -2.17 0.00	20.98 -2.00 0.00	20.27 -1.83 0.00	21.76 -1.64 0.00	25.59 -1.96 0.00	27.35 -2.38 0.00	33.44 -3.24 0.00	26.82 -2.86 0.00	21.00 -2.31 0.00	20.38 -2.43 0.08	23.11 -2.92 0.28	24.46 -2.92 0.00	23.41 -2.49 0.10
SELKIRK___I 23801	28.24 0.89 0.00	29.44 0.85 0.00	32.18 0.89 0.00	29.59 0.84 0.00	28.11 0.80 0.00	32.01 1.00 0.00	34.96 1.28 0.00	32.11 1.33 0.00	29.05 1.10 0.00	26.21 0.96 0.00	25.93 0.77 0.00	26.03 0.66 0.00	23.47 0.48 0.00	22.63 0.53 0.00	24.01 0.61 0.00	28.43 0.89 0.00	30.90 1.17 0.00	38.33 1.65 0.00	31.09 1.41 0.00	24.47 1.16 0.00	24.00 1.12 0.00	27.39 1.08 0.00	28.33 0.94 0.00	26.86 0.86 0.00
SELKIRK___II 23799	28.07 0.72 0.00	29.25 0.66 0.00	31.96 0.67 0.00	29.39 0.64 0.00	27.92 0.61 0.00	31.79 0.79 0.00	34.75 1.07 0.00	31.96 1.18 0.00	28.91 0.96 0.00	26.09 0.84 0.00	25.80 0.65 0.00	25.92 0.55 0.00	23.35 0.37 0.00	22.52 0.42 0.00	23.90 0.50 0.00	28.30 0.76 0.00	30.77 1.04 0.00	38.20 1.52 0.00	30.99 1.31 0.00	24.39 1.08 0.00	23.92 1.03 0.00	27.28 0.96 0.00	28.20 0.82 0.00	26.73 0.73 0.00
SENECA OSWGO___HYD 24041	26.50 -0.85 0.00	27.56 -1.02 0.00	30.15 -1.15 0.00	27.69 -1.06 0.00	26.34 -0.96 0.00	29.98 -1.03 0.00	32.74 -0.94 0.00	29.99 -0.79 0.00	27.14 -0.81 0.00	24.54 -0.71 0.00	24.42 -0.74 0.00	24.60 -0.78 0.00	22.19 -0.79 0.00	21.34 -0.76 0.00	22.57 -0.83 0.00	26.72 -0.83 0.00	28.95 -0.78 0.00	35.74 -0.94 0.00	28.85 -0.83 0.00	22.62 -0.69 0.00	22.12 -0.76 0.00	25.36 -0.95 0.00	26.42 -0.96 0.00	25.23 -0.76 0.00

SENECA___115KV_TB3 355854	26.40 -0.95 0.00	27.17 -1.42 0.00	29.70 -1.59 0.00	27.13 -1.62 0.00	25.73 -1.58 0.00	29.36 -1.65 0.00	31.96 -1.72 0.00	28.79 -1.99 0.00	25.96 -1.99 0.00	23.34 -1.91 0.00	23.49 -1.67 0.00	23.67 -1.71 0.00	21.37 -1.61 0.00	20.64 -1.46 0.00	22.18 -1.22 0.00	26.12 -1.43 0.00	27.95 -1.78 0.00	34.20 -2.48 0.00	27.38 -2.29 0.00	21.41 -1.91 0.00	20.76 -2.05 0.08	23.53 -2.48 0.31	24.86 -2.52 0.00	23.76 -2.13 0.11
SENECA___ENERGY 23797	26.94 -0.41 0.00	27.91 -0.68 0.00	30.51 -0.78 0.00	28.01 -0.74 0.00	26.60 -0.70 0.00	30.35 -0.65 0.00	33.26 -0.42 0.00	30.37 -0.41 0.00	27.38 -0.57 0.00	24.76 -0.48 0.00	24.62 -0.54 0.00	24.73 -0.64 0.00	22.29 -0.70 0.00	21.41 -0.69 0.00	22.76 -0.64 0.00	26.98 -0.56 0.00	29.18 -0.55 0.00	35.97 -0.71 0.00	29.05 -0.63 0.00	22.72 -0.60 0.00	22.15 -0.70 0.03	25.47 -0.92 -0.07	26.37 -1.02 0.00	25.14 -0.82 0.04
SHOEMAKER___GT 23640	28.36 1.01 0.00	29.51 0.92 0.00	32.25 0.96 0.00	29.69 0.94 0.00	28.20 0.89 0.00	32.12 1.12 0.00	35.28 1.59 0.00	32.59 1.81 0.00	29.38 1.43 0.00	26.54 1.29 0.00	26.28 1.12 0.00	26.36 0.99 0.00	23.04 0.64 0.58	22.79 0.68 0.00	24.25 0.85 0.00	28.89 1.34 0.00	31.50 1.77 0.00	38.98 2.30 0.00	31.58 1.91 0.00	24.75 1.43 0.00	24.20 1.32 0.00	27.61 1.29 0.00	28.48 1.09 0.00	26.92 0.93 0.00
SHOEMAKR_138KV_BK 111 55601	28.34 0.99 0.00	29.50 0.90 0.00	32.23 0.94 0.00	29.68 0.93 0.00	28.19 0.89 0.00	32.11 1.11 0.00	35.25 1.57 0.00	32.58 1.80 0.00	29.38 1.43 0.00	26.54 1.30 0.00	26.28 1.12 0.00	26.36 0.99 0.00	23.07 0.64 0.56	22.79 0.69 0.00	24.23 0.83 0.00	28.89 1.34 0.00	31.51 1.77 0.00	38.97 2.29 0.00	31.59 1.91 0.00	24.75 1.43 0.00	24.21 1.32 0.00	27.60 1.29 0.00	28.48 1.09 0.00	26.91 0.91 0.00
SHOREHAM_IC_1 23715	30.35 2.99 -0.01	31.39 2.80 0.00	34.16 2.87 0.00	31.53 2.79 0.00	36.04 2.69 -6.04	71.51 3.29 -37.21	86.61 4.07 -48.85	78.17 4.25 -43.14	66.34 3.47 -34.91	37.06 3.09 -8.72	32.30 2.85 -4.30	27.97 2.57 -0.03	36.58 2.13 -11.46	32.53 2.15 -8.28	45.09 2.48 -19.21	67.42 3.40 -36.48	61.79 4.19 -27.87	108.62 5.24 -66.70	387.76 3.84 -354.25	115.94 3.07 -89.56	66.97 2.87 -41.22	42.80 3.02 -13.47	30.23 2.84 -0.01	28.47 2.47 0.00
SHOREHAM_IC_2 23716	30.35 2.99 -0.01	31.39 2.80 0.00	34.16 2.87 0.00	31.53 2.79 0.00	36.04 2.69 -6.04	71.51 3.29 -37.21	86.61 4.07 -48.85	78.17 4.25 -43.14	66.34 3.47 -34.91	37.06 3.09 -8.72	32.30 2.85 -4.30	27.97 2.57 -0.03	36.58 2.13 -11.46	32.53 2.15 -8.28	45.09 2.48 -19.21	67.42 3.40 -36.48	61.79 4.19 -27.87	108.62 5.24 -66.70	387.76 3.84 -354.25	115.94 3.07 -89.56	66.97 2.87 -41.22	42.80 3.02 -13.47	30.23 2.84 -0.01	28.47 2.47 0.00
SISSONVILLE____ 23735	27.85 0.50 0.00	29.22 0.63 0.00	32.04 0.75 0.00	29.39 0.64 0.00	27.76 0.45 0.00	31.08 0.07 0.00	33.33 -0.36 0.00	30.28 -0.50 0.00	27.64 -0.31 0.00	24.97 -0.28 0.00	25.19 0.03 0.00	25.63 0.26 0.00	23.34 0.35 0.00	22.38 0.27 0.00	23.52 0.12 0.00	27.31 -0.24 0.00	29.21 -0.52 0.00	35.85 -0.83 0.00	28.89 -0.79 0.00	22.71 -0.60 0.00	22.51 -0.37 0.00	26.19 -0.12 0.00	27.55 0.17 0.00	26.19 0.19 0.00
SITHE_IND_GS1 24169	26.24 -1.11 0.00	27.32 -1.27 0.00	29.87 -1.42 0.00	27.43 -1.32 0.00	26.10 -1.21 0.00	29.68 -1.33 0.00	32.34 -1.34 0.00	29.60 -1.18 0.00	26.82 -1.13 0.00	24.26 -0.99 0.00	24.19 -0.97 0.00	24.35 -1.02 0.00	22.02 -0.96 0.00	21.17 -0.93 0.00	22.36 -1.04 0.00	26.41 -1.14 0.00	28.55 -1.18 0.00	35.22 -1.45 0.00	28.46 -1.21 0.00	22.33 -0.98 0.00	21.86 -1.02 0.00	25.10 -1.22 0.00	26.19 -1.20 0.00	25.04 -0.96 0.00
SITHE_IND_GS2 24170	26.24 -1.11 0.00	27.32 -1.27 0.00	29.87 -1.42 0.00	27.43 -1.32 0.00	26.10 -1.21 0.00	29.68 -1.33 0.00	32.34 -1.34 0.00	29.60 -1.18 0.00	26.82 -1.13 0.00	24.26 -0.99 0.00	24.19 -0.97 0.00	24.35 -1.02 0.00	22.02 -0.96 0.00	21.17 -0.93 0.00	22.36 -1.04 0.00	26.41 -1.14 0.00	28.55 -1.18 0.00	35.22 -1.45 0.00	28.46 -1.21 0.00	22.33 -0.98 0.00	21.86 -1.02 0.00	25.10 -1.22 0.00	26.19 -1.20 0.00	25.04 -0.96 0.00
SITHE_IND_GS3 24171	26.24 -1.11 0.00	27.32 -1.27 0.00	29.87 -1.42 0.00	27.43 -1.32 0.00	26.10 -1.21 0.00	29.68 -1.33 0.00	32.34 -1.34 0.00	29.60 -1.18 0.00	26.82 -1.13 0.00	24.26 -0.99 0.00	24.19 -0.97 0.00	24.35 -1.02 0.00	22.02 -0.96 0.00	21.17 -0.93 0.00	22.36 -1.04 0.00	26.41 -1.14 0.00	28.55 -1.18 0.00	35.22 -1.45 0.00	28.46 -1.21 0.00	22.33 -0.98 0.00	21.86 -1.02 0.00	25.10 -1.22 0.00	26.19 -1.20 0.00	25.04 -0.96 0.00
SITHE_IND_GS4 24172	26.24 -1.11 0.00	27.32 -1.27 0.00	29.87 -1.42 0.00	27.43 -1.32 0.00	26.10 -1.21 0.00	29.68 -1.33 0.00	32.34 -1.34 0.00	29.60 -1.18 0.00	26.82 -1.13 0.00	24.26 -0.99 0.00	24.19 -0.97 0.00	24.35 -1.02 0.00	22.02 -0.96 0.00	21.17 -0.93 0.00	22.36 -1.04 0.00	26.41 -1.14 0.00	28.55 -1.18 0.00	35.22 -1.45 0.00	28.46 -1.21 0.00	22.33 -0.98 0.00	21.86 -1.02 0.00	25.10 -1.22 0.00	26.19 -1.20 0.00	25.04 -0.96 0.00
SITHE___BATAVIA 24024	26.25 -0.72 0.38	27.34 -1.14 0.10	29.94 -1.35 0.00	27.36 -1.39 0.00	26.06 -1.25 0.00	29.66 -1.27 0.07	32.33 -1.28 0.07	29.30 -1.48 0.00	26.10 -1.40 0.45	23.30 -1.41 0.54	23.88 -1.24 0.04	24.08 -1.29 0.00	20.22 -1.41 1.35	20.73 -1.26 0.12	22.22 -1.07 0.10	26.42 -1.12 0.00	28.38 -1.36 0.00	34.76 -1.92 0.00	27.92 -1.76 0.00	21.87 -1.44 0.00	21.06 -1.59 0.23	24.15 -2.01 0.15	25.33 -2.05 0.00	23.12 -1.73 1.15
SITHE___INDEPEND 23800	26.24 -1.11 0.00	27.32 -1.27 0.00	29.87 -1.42 0.00	27.43 -1.32 0.00	26.10 -1.21 0.00	29.68 -1.33 0.00	32.35 -1.33 0.00	29.60 -1.18 0.00	26.82 -1.13 0.00	24.26 -0.99 0.00	24.19 -0.96 0.00	24.35 -1.02 0.00	22.02 -0.96 0.00	21.17 -0.93 0.00	22.36 -1.04 0.00	26.41 -1.14 0.00	28.55 -1.18 0.00	35.23 -1.45 0.00	28.46 -1.21 0.00	22.33 -0.98 0.00	21.87 -1.02 0.00	25.10 -1.22 0.00	26.19 -1.20 0.00	25.04 -0.96 0.00
SITHE___MASSENA 23902	27.83 0.48 0.00	29.20 0.61 0.00	32.02 0.72 0.00	29.37 0.62 0.00	27.83 0.53 0.00	31.41 0.41 0.00	33.82 0.13 0.00	30.69 -0.09 0.00	28.01 0.06 0.00	25.31 0.06 0.00	25.42 0.26 0.00	25.80 0.43 0.00	23.52 0.53 0.00	22.59 0.49 0.00	23.87 0.47 0.00	27.79 0.25 0.00	29.74 0.01 0.00	36.49 -0.19 0.00	29.48 -0.19 0.00	23.19 -0.12 0.00	22.88 0.00 0.00	26.52 0.20 0.00	27.75 0.36 0.00	26.32 0.32 0.00
SITHE___OGDNSBRG 24021	28.31 0.96 0.00	29.70 1.12 0.00	32.58 1.28 0.00	29.87 1.12 0.00	28.27 0.96 0.00	31.82 0.82 0.00	34.27 0.58 0.00	31.10 0.33 0.00	28.40 0.45 0.00	25.64 0.40 0.00	25.79 0.64 0.00	26.21 0.84 0.00	23.90 0.92 0.00	22.96 0.85 0.00	24.23 0.83 0.00	28.17 0.63 0.00	30.18 0.45 0.00	37.04 0.36 0.00	29.91 0.23 0.00	23.47 0.16 0.00	23.21 0.33 0.00	26.98 0.67 0.00	28.22 0.83 0.00	26.76 0.76 0.00

SITHE___STERLING 23777	28.03 0.68 0.00	29.25 0.66 0.00	32.01 0.72 0.00	29.41 0.66 0.00	27.97 0.66 0.00	31.89 0.88 0.00	34.88 1.20 0.00	31.99 1.22 0.00	28.94 0.99 0.00	26.08 0.83 0.00	25.85 0.70 0.00	25.99 0.61 0.00	23.48 0.50 0.00	22.41 0.30 0.00	23.84 0.44 0.00	28.16 0.62 0.00	30.56 0.83 0.00	37.76 1.08 0.00	30.43 0.76 0.00	23.87 0.56 0.00	23.37 0.48 0.00	26.79 0.47 0.00	27.86 0.47 0.00	26.41 0.41 0.00
SLEIGHT__34_KV_TB1 80719	26.57 -0.78 0.00	27.51 -1.08 0.00	30.06 -1.23 0.00	27.57 -1.18 0.00	26.18 -1.13 0.00	29.92 -1.08 0.00	32.79 -0.89 0.00	29.86 -0.91 0.00	27.00 -0.95 0.00	24.36 -0.88 0.00	24.33 -0.82 0.00	24.48 -0.90 0.00	22.05 -0.93 0.00	21.20 -0.90 0.00	22.58 -0.82 0.00	26.69 -0.85 0.00	28.79 -0.94 0.00	35.44 -1.23 0.00	28.57 -1.10 0.00	22.35 -0.95 0.00	21.79 -1.06 0.03	24.98 -1.34 0.00	25.96 -1.42 0.00	24.77 -1.19 0.04
SOUTH CAIRO___GT 23612	29.44 2.09 0.00	30.65 2.06 0.00	33.49 2.20 0.00	30.77 2.03 0.00	29.26 1.95 0.00	33.38 2.38 0.00	36.56 2.88 0.00	33.62 2.85 0.00	30.43 2.48 0.00	27.35 2.10 0.00	26.77 1.61 0.00	26.69 1.32 0.00	24.01 1.03 0.00	23.43 1.33 0.00	24.85 1.45 0.00	29.56 2.01 0.00	32.28 2.55 0.00	40.18 3.50 0.00	32.54 2.87 0.00	25.61 2.30 0.00	25.09 2.21 0.00	28.56 2.24 0.00	29.46 2.08 0.00	27.89 1.89 0.00
SOUTH HAMPTN___IC 23720	30.60 3.24 -0.01	31.65 3.06 0.00	34.47 3.17 0.00	31.81 3.06 0.00	36.31 2.95 -6.05	71.87 3.60 -37.27	87.03 4.43 -48.92	78.54 4.59 -43.17	66.63 3.77 -34.91	37.31 3.34 -8.72	32.53 3.08 -4.30	28.21 2.80 -0.03	36.77 2.34 -11.45	32.71 2.35 -8.26	45.30 2.70 -19.20	67.68 3.68 -36.46	62.06 4.50 -27.84	108.87 5.62 -66.57	388.08 4.39 -354.01	116.22 3.40 -89.51	67.18 3.12 -41.18	43.07 3.28 -13.47	30.49 3.10 -0.01	28.70 2.70 0.00
SOUTHDOW_115KV_TB1 355954	26.98 -0.37 0.00	27.76 -0.82 0.00	30.42 -0.87 0.00	27.76 -0.99 0.00	26.17 -1.14 0.00	29.81 -1.19 0.00	32.65 -1.03 0.00	29.52 -1.26 0.00	26.48 -1.47 0.00	23.86 -1.39 0.00	24.01 -1.15 0.00	24.32 -1.05 0.00	21.85 -1.13 0.00	21.17 -0.93 0.00	22.76 -0.64 0.00	26.86 -0.69 0.00	28.70 -1.04 0.00	35.09 -1.59 0.00	27.92 -1.76 0.00	21.80 -1.51 0.00	21.13 -1.67 0.08	24.00 -2.03 0.28	25.21 -2.17 0.00	24.11 -1.78 0.11
SOUTHOLD_69_KV_BK 2 55809	31.02 3.66 -0.01	32.08 3.49 0.00	34.93 3.64 0.00	32.24 3.49 0.00	36.74 3.38 -6.05	72.32 4.05 -37.27	87.49 4.90 -48.91	79.00 5.05 -43.17	67.07 4.22 -34.91	37.68 3.71 -8.72	32.89 3.44 -4.30	28.54 3.14 -0.03	37.02 2.58 -11.45	32.99 2.63 -8.26	45.53 2.93 -19.20	68.08 4.08 -36.46	62.57 5.01 -27.84	109.52 6.26 -66.58	388.61 4.91 -354.02	116.64 3.82 -89.51	67.58 3.52 -41.18	43.51 3.73 -13.47	30.91 3.52 -0.01	29.06 3.07 0.00
SOUTHOLD___IC 23719	31.02 3.66 -0.01	32.08 3.49 0.00	34.93 3.64 0.00	32.24 3.49 0.00	36.72 3.36 -6.05	72.36 4.09 -37.27	87.59 5.00 -48.91	79.09 5.14 -43.17	67.11 4.25 -34.91	37.69 3.72 -8.72	32.90 3.44 -4.30	28.54 3.14 -0.03	37.07 2.63 -11.45	33.00 2.64 -8.26	45.63 3.03 -19.20	68.12 4.12 -36.46	62.58 5.02 -27.84	109.55 6.29 -66.58	388.60 4.91 -354.02	116.64 3.82 -89.51	67.58 3.52 -41.18	43.51 3.73 -13.47	30.91 3.52 -0.01	29.08 3.08 0.00
SOUTH_FORK_WT_PWR 323839	31.07 3.71 -0.01	32.13 3.54 0.00	34.99 3.69 0.00	32.29 3.54 0.00	36.77 3.41 -6.05	72.41 4.14 -37.27	87.66 5.06 -48.91	79.14 5.19 -43.17	67.15 4.29 -34.91	37.73 3.76 -8.72	32.94 3.48 -4.30	28.59 3.18 -0.03	37.10 2.66 -11.45	33.03 2.67 -8.26	45.67 3.07 -19.20	68.16 4.16 -36.46	62.63 5.06 -27.84	109.60 6.34 -66.57	388.62 4.93 -354.02	116.68 3.86 -89.51	67.62 3.56 -41.18	43.55 3.77 -13.47	30.96 3.57 -0.01	29.12 3.13 0.00
SPIERFLS_115KV_TB 1 80737	28.23 0.88 0.00	29.45 0.86 0.00	32.40 1.11 0.00	29.81 1.06 0.00	28.14 0.84 0.00	32.12 1.11 0.00	35.09 1.41 0.00	32.24 1.46 0.00	29.25 1.30 0.00	26.36 1.11 0.00	26.03 0.87 0.00	26.21 0.84 0.00	23.60 0.62 0.00	22.70 0.60 0.00	24.02 0.62 0.00	28.62 1.08 0.00	31.01 1.28 0.00	38.37 1.69 0.00	31.05 1.37 0.00	24.42 1.10 0.00	23.91 1.02 0.00	27.25 0.94 0.00	28.14 0.75 0.00	26.63 0.63 0.00
ST LAWRENCE____ 23600	27.50 0.15 0.00	28.87 0.28 0.00	31.65 0.36 0.00	29.03 0.28 0.00	27.53 0.23 0.00	31.09 0.09 0.00	33.50 -0.18 0.00	30.39 -0.39 0.00	27.75 -0.20 0.00	25.08 -0.17 0.00	25.16 0.01 0.00	25.54 0.16 0.00	23.28 0.30 0.00	22.37 0.26 0.00	23.65 0.25 0.00	27.54 0.00 0.00	29.48 -0.25 0.00	36.18 -0.50 0.00	29.24 -0.44 0.00	23.00 -0.31 0.00	22.68 -0.21 0.00	26.27 -0.04 0.00	27.47 0.09 0.00	26.04 0.05 0.00
STATE_CA_115KV_115_LB 55624	28.14 0.79 0.00	29.32 0.73 0.00	32.05 0.76 0.00	29.46 0.72 0.00	27.99 0.69 0.00	31.88 0.88 0.00	34.88 1.20 0.00	32.09 1.31 0.00	29.04 1.09 0.00	26.21 0.96 0.00	25.93 0.77 0.00	26.04 0.67 0.00	23.46 0.48 0.00	22.62 0.52 0.00	24.00 0.61 0.00	28.42 0.88 0.00	30.89 1.16 0.00	38.36 1.68 0.00	31.12 1.44 0.00	24.52 1.21 0.00	24.06 1.17 0.00	27.40 1.08 0.00	28.30 0.92 0.00	26.82 0.83 0.00
STATE_ST_34_KV_LOAD 55959	27.24 -0.11 0.00	28.28 -0.31 0.00	30.94 -0.36 0.00	28.43 -0.32 0.00	26.93 -0.38 0.00	30.82 -0.18 0.00	33.73 0.05 0.00	30.81 0.03 0.00	27.83 -0.12 0.00	25.16 -0.09 0.00	25.05 -0.11 0.00	25.18 -0.20 0.00	22.69 -0.29 0.00	21.73 -0.37 0.00	23.11 -0.29 0.00	27.40 -0.15 0.00	29.58 -0.14 0.00	36.62 -0.06 0.00	29.59 -0.09 0.00	23.09 -0.22 0.00	22.64 -0.26 -0.02	25.98 -0.37 -0.04	26.85 -0.53 0.00	25.71 -0.31 -0.03
STATION 5_MISC_HYD 23604	26.14 -0.96 0.25	27.26 -1.26 0.07	29.85 -1.45 0.00	27.32 -1.43 0.00	25.98 -1.33 0.00	29.56 -1.40 0.05	32.25 -1.39 0.05	29.33 -1.44 0.00	26.27 -1.39 0.29	23.58 -1.32 0.35	23.94 -1.20 0.02	24.13 -1.25 0.00	20.88 -1.22 0.88	20.87 -1.16 0.07	22.27 -1.07 0.07	26.40 -1.14 0.00	28.40 -1.33 0.00	34.88 -1.80 0.00	28.08 -1.60 0.00	22.00 -1.31 0.00	21.29 -1.43 0.16	24.51 -1.77 0.03	25.59 -1.79 0.00	23.72 -1.51 0.76
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.92 -0.43 0.00	27.82 -0.77 0.00	30.40 -0.89 0.00	27.87 -0.88 0.00	26.48 -0.83 0.00	30.23 -0.77 0.00	33.17 -0.51 0.00	30.22 -0.56 0.00	27.30 -0.65 0.00	24.60 -0.65 0.00	24.55 -0.61 0.00	24.69 -0.69 0.00	22.22 -0.76 0.00	21.37 -0.73 0.00	22.78 -0.62 0.00	26.91 -0.63 0.00	29.05 -0.68 0.00	35.77 -0.92 0.00	28.83 -0.84 0.00	22.57 -0.75 0.00	21.96 -0.87 0.05	25.19 -1.13 0.00	26.19 -1.20 0.00	24.95 -0.98 0.07
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.25 -1.11 0.00	27.22 -1.37 0.00	29.73 -1.56 0.00	27.22 -1.52 0.00	25.86 -1.44 0.00	29.53 -1.48 0.00	32.21 -1.47 0.00	29.28 -1.50 0.00	26.49 -1.46 0.00	23.88 -1.37 0.00	23.90 -1.26 0.00	24.06 -1.32 0.00	21.69 -1.29 0.00	20.88 -1.22 0.00	22.27 -1.13 0.00	26.34 -1.20 0.00	28.35 -1.37 0.00	34.84 -1.84 0.00	28.05 -1.62 0.00	21.97 -1.34 0.00	21.38 -1.45 0.05	24.52 -1.80 0.00	25.56 -1.82 0.00	24.37 -1.56 0.06

STA_56___34_KV_BUS2 355983	26.25 -1.11 0.00	27.22 -1.37 0.00	29.73 -1.56 0.00	27.22 -1.52 0.00	25.86 -1.44 0.00	29.53 -1.48 0.00	32.21 -1.47 0.00	29.28 -1.50 0.00	26.49 -1.46 0.00	23.88 -1.37 0.00	23.90 -1.26 0.00	24.06 -1.32 0.00	21.69 -1.29 0.00	20.88 -1.22 0.00	22.27 -1.13 0.00	26.34 -1.20 0.00	28.35 -1.37 0.00	34.84 -1.84 0.00	28.05 -1.62 0.00	21.97 -1.34 0.00	21.38 -1.45 0.05	24.52 -1.80 0.00	25.56 -1.82 0.00	24.37 -1.56 0.06
STA_67___115KV_BK2 355882	26.34 -1.01 0.00	27.27 -1.32 0.00	29.79 -1.51 0.00	27.26 -1.49 0.00	25.90 -1.41 0.00	29.56 -1.45 0.00	32.27 -1.41 0.00	29.29 -1.49 0.00	26.50 -1.45 0.00	23.87 -1.38 0.00	23.90 -1.26 0.00	24.07 -1.30 0.00	21.71 -1.28 0.00	20.89 -1.21 0.00	22.29 -1.11 0.00	26.33 -1.21 0.00	28.33 -1.40 0.00	34.79 -1.89 0.00	28.01 -1.67 0.00	21.94 -1.37 0.00	21.35 -1.48 0.05	24.46 -1.82 0.03	25.54 -1.84 0.00	24.37 -1.56 0.07
STA_7___115KV_9TRANS 80674	26.52 -0.84 0.00	27.44 -1.14 0.00	29.97 -1.32 0.00	27.43 -1.32 0.00	26.07 -1.24 0.00	29.76 -1.24 0.00	32.51 -1.17 0.00	29.53 -1.25 0.00	26.72 -1.23 0.00	24.07 -1.18 0.00	24.09 -1.06 0.00	24.25 -1.12 0.00	21.87 -1.11 0.00	21.04 -1.06 0.00	22.46 -0.94 0.00	26.55 -1.00 0.00	28.56 -1.17 0.00	35.09 -1.59 0.00	28.25 -1.43 0.00	22.12 -1.19 0.00	21.53 -1.31 0.05	24.64 -1.64 0.03	25.72 -1.67 0.00	24.54 -1.40 0.07
STA_82___115KV_TB1 80780	26.35 -1.00 0.00	27.28 -1.30 0.00	29.81 -1.49 0.00	27.28 -1.47 0.00	25.92 -1.39 0.00	29.58 -1.42 0.00	32.29 -1.39 0.00	29.31 -1.47 0.00	26.52 -1.43 0.00	23.89 -1.36 0.00	23.92 -1.24 0.00	24.08 -1.29 0.00	21.72 -1.27 0.00	20.90 -1.20 0.00	22.31 -1.09 0.00	26.36 -1.19 0.00	28.34 -1.39 0.00	34.82 -1.85 0.00	28.03 -1.65 0.00	21.96 -1.36 0.00	21.36 -1.47 0.05	24.50 -1.81 0.00	25.55 -1.84 0.00	24.38 -1.55 0.07
STEEL___WIND 323596	25.83 -0.97 0.56	27.00 -1.44 0.15	29.68 -1.62 0.00	27.11 -1.64 0.00	25.76 -1.55 0.00	29.18 -1.71 0.11	31.75 -1.82 0.11	28.70 -2.07 0.00	25.25 -2.04 0.65	22.53 -1.94 0.78	23.40 -1.70 0.05	23.65 -1.73 0.00	19.38 -1.64 1.97	20.44 -1.49 0.17	21.99 -1.26 0.15	26.09 -1.45 0.00	27.92 -1.81 0.00	34.15 -2.53 0.00	27.37 -2.31 0.00	21.39 -1.92 0.00	20.49 -2.06 0.33	23.50 -2.50 0.31	24.83 -2.56 0.00	22.19 -2.15 1.65
STEPHTWN_115KV_BK_2 55603	28.39 1.04 0.00	29.56 0.97 0.00	32.31 1.02 0.00	29.67 0.92 0.00	28.18 0.87 0.00	32.17 1.16 0.00	35.26 1.58 0.00	32.44 1.66 0.00	29.32 1.37 0.00	26.40 1.16 0.00	26.12 0.96 0.00	26.19 0.82 0.00	23.55 0.57 0.00	22.76 0.66 0.00	24.20 0.80 0.00	28.69 1.14 0.00	31.17 1.44 0.00	38.82 2.14 0.00	31.48 1.80 0.00	24.83 1.51 0.00	24.30 1.42 0.00	27.70 1.39 0.00	28.60 1.21 0.00	27.04 1.04 0.00
STEUBEN_REC_LFGE 323667	27.18 -0.17 0.00	28.08 -0.51 0.00	30.82 -0.48 0.00	28.22 -0.53 0.00	26.76 -0.54 0.00	30.36 -0.64 0.00	32.91 -0.77 0.00	29.79 -0.99 0.00	26.79 -1.16 0.00	24.07 -1.18 0.00	24.14 -1.02 0.00	24.25 -1.12 0.00	21.62 -1.36 0.00	20.90 -1.21 0.00	22.35 -1.05 0.00	26.62 -0.92 0.00	28.32 -1.42 0.00	34.56 -2.12 0.00	27.67 -2.00 0.00	21.45 -1.86 0.00	20.57 -1.99 0.33	24.74 -2.33 -0.75	24.95 -2.43 0.00	23.45 -2.10 0.44
STILLWATER___SOLAR 323814	28.63 1.28 0.00	29.83 1.24 0.00	32.65 1.36 0.00	30.03 1.29 0.00	28.49 1.19 0.00	32.48 1.48 0.00	35.53 1.85 0.00	32.68 1.90 0.00	29.60 1.65 0.00	26.66 1.41 0.00	26.40 1.24 0.00	26.53 1.16 0.00	23.90 0.92 0.00	23.00 0.90 0.00	24.40 0.99 0.00	29.02 1.48 0.00	31.43 1.70 0.00	38.81 2.14 0.00	31.45 1.77 0.00	24.75 1.43 0.00	24.24 1.35 0.00	27.65 1.34 0.00	28.58 1.19 0.00	27.06 1.06 0.00
STONY___BROOK 24151	30.12 2.76 -0.01	31.12 2.53 0.00	33.87 2.57 0.00	31.26 2.51 0.00	35.74 2.42 -6.01	71.00 2.99 -37.00	86.00 3.70 -48.62	77.65 3.86 -43.01	66.07 3.18 -34.94	36.86 2.89 -8.72	32.16 2.71 -4.30	27.87 2.47 -0.03	36.47 2.00 -11.49	32.46 1.98 -8.38	44.95 2.30 -19.25	67.25 3.14 -36.57	61.57 3.81 -28.02	108.59 4.74 -67.17	388.29 3.83 -354.78	115.93 2.93 -89.69	66.88 2.67 -41.33	42.58 2.79 -13.48	30.00 2.61 -0.01	28.27 2.27 0.00
STURGEON_POOL_HYD 23609	28.60 1.25 0.00	29.74 1.15 0.00	32.46 1.17 0.00	29.88 1.13 0.00	28.39 1.09 0.00	32.36 1.36 0.00	35.52 1.84 0.00	32.87 2.09 0.00	29.64 1.69 0.00	26.75 1.50 0.00	26.43 1.27 0.00	26.52 1.14 0.00	23.82 0.83 0.00	22.95 0.85 0.00	24.41 1.01 0.00	29.12 1.58 0.00	31.80 2.07 0.00	39.36 2.68 0.00	31.95 2.27 0.00	25.04 1.73 0.00	24.48 1.60 0.00	27.91 1.60 0.00	28.78 1.39 0.00	27.18 1.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.42 1.06 0.00	29.57 0.98 0.00	32.32 1.02 0.00	29.77 1.02 0.00	28.29 0.98 0.00	32.24 1.23 0.00	35.43 1.75 0.00	32.78 2.00 0.00	29.55 1.60 0.00	26.70 1.45 0.00	26.43 1.27 0.00	26.50 1.13 0.00	23.08 0.76 0.67	22.91 0.80 0.00	24.35 0.95 0.00	29.06 1.52 0.00	31.74 2.01 0.00	39.25 2.57 0.00	31.82 2.15 0.00	24.92 1.60 0.00	24.37 1.49 0.00	27.77 1.46 0.00	28.62 1.24 0.00	27.03 1.04 0.00
SWANROAD_115KV_TB1 355699	25.34 -2.01 0.00	26.07 -2.52 0.00	28.42 -2.87 0.00	25.97 -2.78 0.00	24.67 -2.63 0.00	28.16 -2.84 0.00	30.57 -3.11 0.00	27.37 -3.41 0.00	24.79 -3.16 0.00	22.26 -2.98 0.00	22.40 -2.75 0.00	22.61 -2.77 0.00	20.40 -2.59 0.00	19.76 -2.34 0.00	21.20 -2.20 0.00	24.90 -2.64 0.00	26.60 -3.13 0.00	32.49 -4.19 0.00	26.09 -3.59 0.00	20.48 -2.84 0.00	19.87 -2.95 0.07	22.57 -3.52 0.23	23.85 -3.53 0.00	22.86 -3.04 0.09
SYNERGY___BIOGAS 323694	26.25 -0.72 0.38	27.34 -1.14 0.10	29.94 -1.35 0.00	27.36 -1.39 0.00	26.06 -1.25 0.00	29.66 -1.27 0.07	32.33 -1.28 0.07	29.30 -1.48 0.00	26.10 -1.40 0.45	23.30 -1.41 0.54	23.88 -1.24 0.04	24.08 -1.29 0.00	20.22 -1.41 1.35	20.73 -1.26 0.12	22.22 -1.07 0.10	26.42 -1.12 0.00	28.38 -1.36 0.00	34.76 -1.92 0.00	27.92 -1.76 0.00	21.87 -1.44 0.00	21.06 -1.59 0.23	24.15 -2.01 0.15	25.33 -2.05 0.00	23.12 -1.73 1.15
SYRACUSE___ENERGY_ST1 323597	26.93 -0.42 0.00	28.01 -0.58 0.00	30.63 -0.66 0.00	28.13 -0.62 0.00	26.74 -0.56 0.00	30.48 -0.52 0.00	33.31 -0.37 0.00	30.50 -0.28 0.00	27.58 -0.37 0.00	24.94 -0.31 0.00	24.83 -0.32 0.00	24.98 -0.40 0.00	22.54 -0.45 0.00	21.66 -0.44 0.00	22.94 -0.46 0.00	27.15 -0.39 0.00	29.39 -0.34 0.00	36.29 -0.39 0.00	29.32 -0.36 0.00	22.97 -0.34 0.00	22.46 -0.42 0.00	25.76 -0.56 0.00	26.80 -0.58 0.00	25.57 -0.42 0.00
SYRACUSE___ENERGY_ST2 323598	26.93 -0.42 0.00	28.01 -0.58 0.00	30.63 -0.66 0.00	28.13 -0.62 0.00	26.74 -0.56 0.00	30.48 -0.52 0.00	33.31 -0.37 0.00	30.50 -0.28 0.00	27.58 -0.37 0.00	24.94 -0.31 0.00	24.83 -0.32 0.00	24.98 -0.40 0.00	22.54 -0.45 0.00	21.66 -0.44 0.00	22.94 -0.46 0.00	27.15 -0.39 0.00	29.39 -0.34 0.00	36.29 -0.39 0.00	29.32 -0.36 0.00	22.97 -0.34 0.00	22.46 -0.42 0.00	25.76 -0.56 0.00	26.80 -0.58 0.00	25.57 -0.42 0.00

SYRACUSE___POWER 24017	26.91 -0.45 0.00	27.98 -0.61 0.00	30.60 -0.69 0.00	28.09 -0.65 0.00	26.72 -0.58 0.00	30.45 -0.56 0.00	33.27 -0.41 0.00	30.49 -0.29 0.00	27.56 -0.39 0.00	24.91 -0.34 0.00	24.80 -0.35 0.00	24.95 -0.42 0.00	22.51 -0.48 0.00	21.63 -0.47 0.00	22.91 -0.49 0.00	27.12 -0.42 0.00	29.39 -0.34 0.00	36.30 -0.38 0.00	29.30 -0.38 0.00	22.96 -0.35 0.00	22.46 -0.43 -0.02	25.76 -0.56 0.00	26.82 -0.57 0.00	25.60 -0.42 -0.02
TALLMAN___138KV_BK151 55660	28.47 1.11 0.00	29.65 1.06 0.00	32.41 1.11 0.00	29.87 1.12 0.00	28.39 1.09 0.00	32.35 1.35 0.00	35.59 1.91 0.00	32.99 2.21 0.00	29.71 1.76 0.00	26.85 1.60 0.00	26.59 1.44 0.00	26.65 1.27 0.00	22.98 0.87 0.88	23.01 0.91 0.00	24.46 1.06 0.00	29.22 1.68 0.00	31.96 2.23 0.00	39.53 2.85 0.00	32.05 2.37 0.00	25.08 1.77 0.00	24.52 1.64 0.00	27.94 1.62 0.00	28.77 1.39 0.00	27.16 1.16 0.00
TEALLAVE_115KV_TB7 355573	26.70 -0.66 0.00	27.76 -0.83 0.00	30.36 -0.94 0.00	27.88 -0.87 0.00	26.52 -0.79 0.00	30.20 -0.80 0.00	32.99 -0.69 0.00	30.22 -0.55 0.00	27.34 -0.61 0.00	24.71 -0.54 0.00	24.61 -0.55 0.00	24.77 -0.61 0.00	22.35 -0.63 0.00	21.48 -0.62 0.00	22.75 -0.65 0.00	26.91 -0.63 0.00	29.15 -0.58 0.00	35.98 -0.70 0.00	29.05 -0.63 0.00	22.77 -0.54 0.00	22.26 -0.62 0.00	25.56 -0.75 0.00	26.64 -0.75 0.00	25.42 -0.58 0.00
TELGRAPH_34_KV_EAST 80808	26.05 -1.30 0.00	26.82 -1.77 0.00	29.26 -2.03 0.00	26.74 -2.01 0.00	25.40 -1.90 0.00	29.03 -1.98 0.00	31.60 -2.08 0.00	28.42 -2.36 0.00	25.72 -2.23 0.00	23.10 -2.15 0.00	23.22 -1.93 0.00	23.39 -1.99 0.00	21.09 -1.90 0.00	20.42 -1.68 0.00	21.84 -1.56 0.00	25.72 -1.83 0.00	27.54 -2.19 0.00	33.69 -2.99 0.00	27.06 -2.62 0.00	21.21 -2.10 0.00	20.58 -2.24 0.07	23.40 -2.73 0.19	24.63 -2.76 0.00	23.57 -2.34 0.09
TEMPLE___115KV_TB 2 55572	26.71 -0.64 0.00	27.78 -0.81 0.00	30.38 -0.92 0.00	27.90 -0.86 0.00	26.53 -0.78 0.00	30.22 -0.79 0.00	33.01 -0.67 0.00	30.24 -0.54 0.00	27.35 -0.60 0.00	24.73 -0.52 0.00	24.63 -0.53 0.00	24.78 -0.59 0.00	22.36 -0.63 0.00	21.50 -0.60 0.00	22.77 -0.63 0.00	26.94 -0.60 0.00	29.17 -0.56 0.00	36.01 -0.66 0.00	29.07 -0.60 0.00	22.79 -0.52 0.00	22.29 -0.60 0.00	25.58 -0.74 0.00	26.65 -0.73 0.00	25.43 -0.56 0.00
TIANA____69_KV_BK 1 55817	30.51 3.15 -0.01	31.56 2.97 0.00	34.36 3.06 0.00	31.71 2.96 0.00	36.22 2.87 -6.05	71.72 3.45 -37.27	86.80 4.21 -48.91	78.33 4.38 -43.17	66.49 3.63 -34.91	37.21 3.24 -8.72	32.44 2.99 -4.30	28.13 2.72 -0.03	36.65 2.20 -11.45	32.62 2.26 -8.26	45.12 2.52 -19.20	67.55 3.55 -36.46	61.94 4.38 -27.84	108.72 5.46 -66.57	387.99 4.29 -354.02	116.14 3.32 -89.51	67.11 3.04 -41.18	42.98 3.20 -13.47	30.41 3.02 -0.01	28.61 2.61 0.00
TILDEN___115KV_TB1 80814	26.91 -0.45 0.00	27.98 -0.61 0.00	30.60 -0.69 0.00	28.09 -0.65 0.00	26.72 -0.58 0.00	30.45 -0.56 0.00	33.27 -0.41 0.00	30.49 -0.29 0.00	27.56 -0.39 0.00	24.91 -0.34 0.00	24.80 -0.35 0.00	24.95 -0.42 0.00	22.51 -0.48 0.00	21.63 -0.47 0.00	22.91 -0.49 0.00	27.12 -0.42 0.00	29.39 -0.34 0.00	36.30 -0.38 0.00	29.30 -0.38 0.00	22.96 -0.35 0.00	22.46 -0.43 -0.02	25.76 -0.56 0.00	26.82 -0.57 0.00	25.60 -0.42 -0.02
TRIGEN___CC 323695	29.25 1.88 -0.01	30.31 1.72 0.00	33.04 1.75 0.00	30.50 1.75 0.00	33.31 1.69 -4.31	59.66 2.08 -26.57	73.59 2.69 -37.22	70.53 2.91 -36.84	66.76 2.41 -36.40	36.26 2.21 -8.81	31.54 2.04 -4.34	27.26 1.85 -0.03	37.45 1.44 -13.03	36.82 1.46 -13.25	46.40 1.66 -21.34	71.24 2.35 -41.35	68.57 2.94 -35.91	137.69 3.72 -97.30	515.14 3.10 -482.36	144.84 2.32 -119.21	92.07 2.14 -67.05	43.83 2.19 -15.33	29.39 2.00 -0.01	27.70 1.70 0.00
TRINITY___115KV___4 BK 55933	28.06 0.70 0.00	29.23 0.64 0.00	31.95 0.65 0.00	29.38 0.63 0.00	27.91 0.60 0.00	31.78 0.78 0.00	34.76 1.08 0.00	31.97 1.19 0.00	28.93 0.98 0.00	26.10 0.85 0.00	25.81 0.65 0.00	25.93 0.55 0.00	23.45 0.38 -0.09	22.53 0.43 0.00	23.89 0.49 0.00	28.30 0.76 0.00	30.75 1.02 0.00	38.20 1.52 0.00	30.99 1.32 0.00	24.44 1.13 0.00	23.97 1.09 0.00	27.31 1.00 0.00	28.22 0.84 0.00	26.74 0.74 0.00
UNION___PROCESSING_DRP 323587	26.36 -0.99 0.00	27.29 -1.30 0.00	29.82 -1.48 0.00	27.29 -1.46 0.00	25.92 -1.39 0.00	29.59 -1.41 0.00	32.31 -1.38 0.00	29.32 -1.46 0.00	26.53 -1.42 0.00	23.89 -1.35 0.00	23.92 -1.23 0.00	24.09 -1.28 0.00	21.73 -1.26 0.00	20.91 -1.20 0.00	22.31 -1.09 0.00	26.36 -1.19 0.00	28.36 -1.37 0.00	34.83 -1.85 0.00	28.03 -1.64 0.00	21.96 -1.35 0.00	21.37 -1.46 0.05	24.51 -1.80 0.00	25.56 -1.82 0.00	24.38 -1.55 0.07
UPPER HUDSON___HYD 24058	28.23 0.88 0.00	29.45 0.86 0.00	32.40 1.10 0.00	29.81 1.06 0.00	28.14 0.83 0.00	32.12 1.12 0.00	35.09 1.41 0.00	32.24 1.46 0.00	29.26 1.31 0.00	26.36 1.11 0.00	26.03 0.87 0.00	26.21 0.84 0.00	23.60 0.62 0.00	22.70 0.60 0.00	24.02 0.62 0.00	28.62 1.08 0.00	31.01 1.28 0.00	38.37 1.69 0.00	31.05 1.38 0.00	24.42 1.10 0.00	23.91 1.03 0.00	27.25 0.94 0.00	28.14 0.75 0.00	26.63 0.63 0.00
UPPER RAQUET___HYD 24056	27.85 0.50 0.00	29.23 0.63 0.00	32.04 0.75 0.00	29.39 0.64 0.00	27.75 0.44 0.00	31.08 0.07 0.00	33.34 -0.35 0.00	30.28 -0.50 0.00	27.64 -0.31 0.00	24.97 -0.28 0.00	25.19 0.03 0.00	25.63 0.26 0.00	23.34 0.35 0.00	22.38 0.27 0.00	23.53 0.13 0.00	27.31 -0.24 0.00	29.20 -0.52 0.00	35.85 -0.83 0.00	28.89 -0.79 0.00	22.71 -0.60 0.00	22.52 -0.37 0.00	26.19 -0.12 0.00	27.55 0.17 0.00	26.19 0.19 0.00
VALLEY44_115KV_TB2 355964	27.33 -0.03 0.00	28.19 -0.40 0.00	30.84 -0.45 0.00	28.21 -0.54 0.00	26.65 -0.66 0.00	30.13 -0.87 0.00	32.87 -0.81 0.00	29.91 -0.86 0.00	26.88 -1.06 0.00	24.24 -1.00 0.00	24.46 -0.70 0.00	24.71 -0.67 0.00	22.32 -0.67 0.00	21.42 -0.68 0.00	23.01 -0.39 0.00	27.27 -0.28 0.00	29.29 -0.44 0.00	35.74 -0.94 0.00	28.63 -1.04 0.00	22.33 -0.98 0.00	21.68 -1.12 0.08	24.78 -1.27 0.26	26.07 -1.31 0.00	24.89 -1.00 0.11
VALLEY___115KV_TB 1-4 80826	27.74 0.39 0.00	28.90 0.31 0.00	31.60 0.30 0.00	29.08 0.33 0.00	27.64 0.33 0.00	31.53 0.53 0.00	34.56 0.88 0.00	31.87 1.10 0.00	28.81 0.86 0.00	25.96 0.71 0.00	25.66 0.51 0.00	25.66 0.29 0.00	23.06 0.08 0.00	22.17 0.07 0.00	23.42 0.02 0.00	27.82 0.27 0.00	30.20 0.47 0.00	37.36 0.69 0.00	30.26 0.58 0.00	23.83 0.52 0.00	23.40 0.51 0.00	26.78 0.47 0.00	27.76 0.37 0.00	26.23 0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.43 1.08 0.00	29.54 0.95 0.00	32.30 1.01 0.00	29.72 0.97 0.00	28.23 0.93 0.00	32.22 1.21 0.00	35.17 1.48 0.00	32.41 1.63 0.00	29.29 1.34 0.00	26.41 1.16 0.00	26.20 1.04 0.00	26.32 0.94 0.00	23.66 0.68 0.00	22.77 0.67 0.00	24.15 0.75 0.00	28.69 1.15 0.00	31.20 1.47 0.00	38.59 1.90 0.00	31.23 1.56 0.00	24.50 1.19 0.00	23.94 1.04 -0.02	27.37 1.06 0.00	28.33 0.95 0.00	26.85 0.82 -0.02

VISCHER___FERRY HYD 24020	28.52 1.17 0.00	29.73 1.14 0.00	32.46 1.17 0.00	29.86 1.11 0.00	28.39 1.08 0.00	32.32 1.31 0.00	35.37 1.69 0.00	32.55 1.77 0.00	29.45 1.50 0.00	26.51 1.27 0.00	26.27 1.11 0.00	26.39 1.02 0.00	23.86 0.79 -0.09	22.88 0.78 0.00	24.31 0.91 0.00	28.89 1.35 0.00	31.22 1.49 0.00	38.49 1.81 0.00	31.23 1.55 0.00	24.61 1.29 0.00	24.13 1.24 0.00	27.51 1.20 0.00	28.44 1.06 0.00	26.94 0.94 0.00
V_A_10_SYNC_DSASP 323832	25.33 -1.61 0.40	26.45 -2.03 0.11	29.01 -2.29 0.00	26.51 -2.24 0.00	25.19 -2.12 0.00	28.57 -2.35 0.08	31.07 -2.54 0.08	28.11 -2.67 0.00	24.96 -2.51 0.47	22.34 -2.34 0.56	22.97 -2.15 0.04	23.22 -2.16 0.00	19.55 -2.01 1.43	20.09 -1.89 0.12	21.51 -1.78 0.11	25.47 -2.07 0.00	27.27 -2.46 0.00	33.37 -3.30 0.00	26.84 -2.84 0.00	21.04 -2.27 0.00	20.26 -2.38 0.24	23.32 -2.85 0.14	24.55 -2.84 0.00	22.34 -2.44 1.22
V_CMM_10_SYNC_DSASP 323787	27.63 0.28 0.00	28.99 0.41 0.00	31.79 0.50 0.00	29.17 0.42 0.00	27.65 0.35 0.00	31.24 0.24 0.00	33.66 -0.02 0.00	30.54 -0.24 0.00	27.88 -0.06 0.00	25.18 -0.06 0.00	25.28 0.13 0.00	25.66 0.28 0.00	23.39 0.40 0.00	22.47 0.36 0.00	23.76 0.35 0.00	27.67 0.13 0.00	29.62 -0.11 0.00	36.34 -0.34 0.00	29.38 -0.30 0.00	23.11 -0.20 0.00	22.79 -0.09 0.00	26.39 0.08 0.00	27.59 0.21 0.00	26.16 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	29.04 1.69 0.00	30.45 1.86 0.00	33.37 2.08 0.00	30.68 1.93 0.00	29.05 1.75 0.00	32.58 1.58 0.00	35.03 1.35 0.00	31.92 1.15 0.00	29.01 1.06 0.00	26.16 0.92 0.00	26.28 1.12 0.00	26.77 1.39 0.00	24.23 1.24 0.00	23.22 1.12 0.00	24.36 0.96 0.00	28.60 1.06 0.00	30.83 1.10 0.00	37.74 1.06 0.00	30.29 0.61 0.00	23.86 0.55 0.00	23.46 0.57 0.00	26.94 0.63 0.00	28.07 0.68 0.00	26.88 0.88 0.00
V_D_10_SYNC_DSASP 323841	25.29 -2.06 0.00	26.03 -2.56 0.00	28.37 -2.92 0.00	25.91 -2.84 0.00	24.62 -2.69 0.00	28.10 -2.90 0.00	30.44 -3.25 0.00	27.12 -3.66 0.00	24.59 -3.36 0.00	22.11 -3.14 0.00	22.21 -2.95 0.00	22.41 -2.97 0.00	20.30 -2.68 0.00	19.62 -2.48 0.00	21.06 -2.35 0.00	24.69 -2.85 0.00	26.36 -3.37 0.00	32.17 -4.51 0.00	25.84 -3.84 0.00	20.30 -3.02 0.00	19.72 -3.10 0.07	22.37 -3.71 0.23	23.79 -3.59 0.00	22.83 -3.07 0.09
V_E_10_SYNC_DSASP 323830	29.78 2.28 -0.14	30.75 2.12 -0.04	33.61 2.31 0.00	30.85 2.10 0.00	29.34 2.03 0.00	33.81 2.78 -0.03	37.21 3.50 -0.03	34.23 3.45 0.00	30.87 2.75 -0.17	27.72 2.28 -0.20	27.20 2.03 -0.01	27.17 1.79 0.00	24.68 1.20 -0.50	23.06 0.91 -0.04	24.66 1.22 -0.04	29.16 1.61 0.00	31.80 2.07 0.00	39.14 2.46 0.00	31.44 1.77 0.00	24.63 1.32 0.00	24.10 1.03 -0.19	27.54 1.17 -0.06	28.33 0.95 0.00	27.34 0.77 -0.57
V_F_30_NSYNC___DSASP 323816	28.64 1.29 0.00	29.85 1.26 0.00	32.67 1.38 0.00	30.05 1.30 0.00	28.51 1.21 0.00	32.51 1.50 0.00	35.55 1.87 0.00	32.70 1.92 0.00	29.62 1.67 0.00	26.68 1.43 0.00	26.42 1.27 0.00	26.56 1.18 0.00	23.92 0.94 0.00	23.03 0.92 0.00	24.42 1.02 0.00	29.04 1.50 0.00	31.45 1.72 0.00	38.85 2.18 0.00	31.48 1.81 0.00	24.77 1.46 0.00	24.26 1.38 0.00	27.68 1.36 0.00	28.61 1.22 0.00	27.09 1.09 0.00
V_F_30_SYNC_DSASP 323786	28.14 0.79 0.00	29.32 0.73 0.00	32.05 0.76 0.00	29.46 0.72 0.00	27.99 0.69 0.00	31.88 0.88 0.00	34.88 1.19 0.00	32.09 1.31 0.00	29.04 1.09 0.00	26.20 0.96 0.00	25.93 0.77 0.00	26.04 0.66 0.00	23.46 0.47 0.00	22.62 0.52 0.00	24.00 0.60 0.00	28.42 0.88 0.00	30.89 1.16 0.00	38.36 1.68 0.00	31.11 1.43 0.00	24.52 1.21 0.00	24.05 1.16 0.00	27.40 1.08 0.00	28.30 0.92 0.00	26.82 0.82 0.00
V_XM_10_SYNC_DSASP 323789	29.04 1.69 0.00	30.45 1.86 0.00	33.37 2.08 0.00	30.68 1.93 0.00	29.05 1.75 0.00	32.58 1.58 0.00	35.03 1.35 0.00	31.92 1.15 0.00	29.01 1.06 0.00	26.16 0.92 0.00	26.28 1.12 0.00	26.77 1.39 0.00	24.23 1.24 0.00	23.22 1.12 0.00	24.36 0.96 0.00	28.60 1.06 0.00	30.83 1.10 0.00	37.74 1.06 0.00	30.29 0.61 0.00	23.86 0.55 0.00	23.46 0.57 0.00	26.94 0.63 0.00	28.07 0.68 0.00	26.88 0.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.62 1.27 0.00	29.80 1.21 0.00	32.58 1.28 0.00	30.03 1.28 0.00	28.54 1.23 0.00	32.53 1.53 0.00	35.81 2.13 0.00	33.19 2.41 0.00	29.90 1.95 0.00	27.02 1.77 0.00	26.75 1.59 0.00	26.81 1.43 0.00	23.08 1.01 0.92	23.15 1.05 0.00	24.61 1.21 0.00	29.40 1.86 0.00	32.14 2.41 0.00	39.77 3.09 0.00	32.24 2.56 0.00	25.24 1.93 0.00	24.67 1.79 0.00	28.09 1.78 0.00	28.93 1.55 0.00	27.30 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.75 1.39 0.00	29.89 1.30 0.00	32.58 1.28 0.00	29.97 1.22 0.00	28.48 1.17 0.00	32.47 1.47 0.00	35.83 2.15 0.00	33.19 2.42 0.00	29.92 1.97 0.00	27.08 1.83 0.00	26.85 1.70 0.00	26.89 1.52 0.00	24.64 1.10 -0.56	23.25 1.14 0.00	24.70 1.30 0.00	29.48 1.94 0.00	32.19 2.46 0.00	39.77 3.09 0.00	32.29 2.61 0.00	25.27 1.96 0.00	24.70 1.81 0.00	28.12 1.80 0.00	28.93 1.55 0.00	27.27 1.27 0.00
W50THST__13_KV_LOAD 356117	28.99 1.63 0.00	30.13 1.54 0.00	32.82 1.53 0.00	30.20 1.45 0.00	28.70 1.39 0.00	32.73 1.73 0.00	36.14 2.46 0.00	33.51 2.73 0.00	30.22 2.27 0.00	27.36 2.11 0.00	27.15 1.99 0.00	27.19 1.82 0.00	24.90 1.36 -0.56	23.49 1.39 0.00	24.96 1.56 0.00	29.79 2.25 0.00	32.53 2.80 0.00	40.17 3.49 0.00	32.59 2.92 0.00	25.50 2.19 0.00	24.91 2.03 0.00	28.36 2.05 0.00	29.16 1.78 0.00	27.48 1.48 0.00
WADING RIVER_IC_1 23522	30.36 2.99 -0.01	31.39 2.80 0.00	34.18 2.88 0.00	31.54 2.79 0.00	36.05 2.69 -6.05	71.58 3.30 -37.28	86.69 4.08 -48.92	78.21 4.25 -43.18	66.34 3.48 -34.90	37.07 3.10 -8.72	32.31 2.85 -4.30	27.99 2.59 -0.03	36.57 2.14 -11.45	32.51 2.15 -8.25	45.08 2.48 -19.20	67.41 3.42 -36.45	61.75 4.20 -27.83	108.48 5.25 -66.55	387.72 4.07 -353.97	115.95 3.14 -89.50	66.90 2.85 -41.17	42.78 2.99 -13.47	30.21 2.82 -0.01	28.46 2.46 0.00
WADING RIVER_IC_2 23547	30.36 2.99 -0.01	31.39 2.80 0.00	34.18 2.88 0.00	31.54 2.79 0.00	36.05 2.69 -6.05	71.58 3.30 -37.28	86.69 4.08 -48.92	78.21 4.25 -43.18	66.34 3.48 -34.90	37.07 3.10 -8.72	32.31 2.85 -4.30	27.99 2.59 -0.03	36.57 2.14 -11.45	32.51 2.15 -8.25	45.08 2.48 -19.20	67.41 3.42 -36.45	61.75 4.20 -27.83	108.48 5.25 -66.55	387.72 4.07 -353.97	115.95 3.14 -89.50	66.90 2.85 -41.17	42.78 2.99 -13.47	30.21 2.82 -0.01	28.46 2.46 0.00
WADING RIVER_IC_3 23601	30.36 2.99 -0.01	31.39 2.80 0.00	34.18 2.88 0.00	31.54 2.79 0.00	36.05 2.69 -6.05	71.58 3.30 -37.28	86.69 4.08 -48.92	78.21 4.25 -43.18	66.34 3.48 -34.90	37.07 3.10 -8.72	32.31 2.85 -4.30	27.99 2.59 -0.03	36.57 2.14 -11.45	32.51 2.15 -8.25	45.08 2.48 -19.20	67.41 3.42 -36.45	61.75 4.20 -27.83	108.48 5.25 -66.55	387.72 4.07 -353.97	115.95 3.14 -89.50	66.90 2.85 -41.17	42.78 2.99 -13.47	30.21 2.82 -0.01	28.46 2.46 0.00



WALDENNY_12_KV_BK2 80841	26.35 -1.00 0.00	27.11 -1.48 0.00	29.61 -1.68 0.00	27.06 -1.69 0.00	25.67 -1.64 0.00	29.29 -1.71 0.00	31.90 -1.78 0.00	28.72 -2.06 0.00	25.92 -2.04 0.00	23.31 -1.94 0.00	23.45 -1.70 0.00	23.63 -1.75 0.00	21.33 -1.65 0.00	20.61 -1.49 0.00	22.14 -1.26 0.00	26.07 -1.47 0.00	27.90 -1.83 0.00	34.13 -2.55 0.00	27.33 -2.35 0.00	21.37 -1.94 0.00	20.72 -2.09 0.08	23.48 -2.53 0.30	24.82 -2.57 0.00	23.72 -2.17 0.11
WALDEN___HYDRO 24148	28.72 1.37 0.00	29.86 1.28 0.00	32.63 1.34 0.00	30.03 1.28 0.00	28.53 1.23 0.00	32.55 1.54 0.00	35.82 2.14 0.00	33.15 2.37 0.00	29.85 1.90 0.00	26.93 1.68 0.00	26.59 1.43 0.00	26.67 1.29 0.00	23.70 0.94 0.22	23.02 0.91 0.00	24.53 1.13 0.00	29.32 1.78 0.00	32.04 2.31 0.00	39.70 3.02 0.00	32.18 2.51 0.00	25.21 1.90 0.00	24.65 1.77 0.00	28.08 1.77 0.00	28.92 1.54 0.00	27.30 1.30 0.00
WARRENSBURG___ 23737	28.23 0.88 0.00	29.45 0.86 0.00	32.40 1.10 0.00	29.81 1.06 0.00	28.14 0.83 0.00	32.12 1.12 0.00	35.09 1.41 0.00	32.24 1.46 0.00	29.26 1.31 0.00	26.36 1.11 0.00	26.03 0.87 0.00	26.21 0.84 0.00	23.60 0.62 0.00	22.70 0.60 0.00	24.02 0.62 0.00	28.62 1.08 0.00	31.01 1.28 0.00	38.37 1.69 0.00	31.05 1.38 0.00	24.42 1.10 0.00	23.91 1.03 0.00	27.25 0.94 0.00	28.14 0.75 0.00	26.63 0.63 0.00
WATERSIDE___6 8 9 23538	28.70 1.35 0.00	29.83 1.25 0.00	32.49 1.20 0.00	29.92 1.17 0.00	28.42 1.11 0.00	32.43 1.42 0.00	35.78 2.10 0.00	33.19 2.42 0.00	29.92 1.97 0.00	27.09 1.84 0.00	26.87 1.71 0.00	26.90 1.53 0.00	24.62 1.09 -0.55	23.24 1.14 0.00	24.69 1.29 0.00	29.46 1.92 0.00	32.18 2.45 0.00	39.72 3.04 0.00	32.31 2.64 0.00	25.26 1.95 0.00	24.69 1.81 0.00	28.09 1.78 0.00	28.90 1.52 0.00	27.24 1.24 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.68 0.33 0.00	28.86 0.27 0.00	31.56 0.26 0.00	29.02 0.28 0.00	27.58 0.28 0.00	31.43 0.42 0.00	34.38 0.70 0.00	31.64 0.86 0.00	28.63 0.68 0.00	25.81 0.56 0.00	25.56 0.40 0.00	25.62 0.25 0.00	23.07 0.09 0.00	22.20 0.10 0.00	23.49 0.08 0.00	27.88 0.34 0.00	30.23 0.50 0.00	37.43 0.75 0.00	30.30 0.63 0.00	23.84 0.53 0.00	23.39 0.50 0.00	26.77 0.45 0.00	27.73 0.35 0.00	26.24 0.24 0.00
WATSON___69_KV_BK 1 55734	30.26 2.91 -0.01	31.31 2.72 0.00	34.09 2.79 0.00	31.46 2.71 0.00	35.99 2.62 -6.06	71.48 3.15 -37.33	86.57 3.86 -49.03	78.07 4.04 -43.25	66.67 3.37 -35.35	37.12 3.05 -8.82	32.36 2.86 -4.34	28.02 2.62 -0.03	36.71 2.15 -11.57	32.76 2.15 -8.51	45.17 2.41 -19.36	67.72 3.34 -36.84	62.04 4.01 -28.29	109.67 4.88 -68.11	393.15 4.01 -359.46	117.14 3.07 -90.76	68.02 2.86 -42.28	42.88 3.02 -13.55	30.23 2.84 -0.01	28.45 2.46 0.00
WDELAWARE___HYD 323627	28.42 1.07 0.00	29.50 0.91 0.00	32.22 0.93 0.00	29.65 0.90 0.00	28.18 0.87 0.00	32.17 1.16 0.00	35.45 1.77 0.00	32.80 2.02 0.00	29.53 1.58 0.00	26.63 1.38 0.00	26.29 1.13 0.00	26.39 1.02 0.00	23.48 0.66 0.17	22.85 0.74 0.00	24.64 1.24 0.00	29.34 1.80 0.00	32.12 2.39 0.00	39.84 3.16 0.00	32.27 2.60 0.00	25.23 1.91 0.00	24.65 1.77 0.00	28.12 1.80 0.00	28.97 1.58 0.00	27.34 1.35 0.00
WEST BABYLON___IC 23714	30.06 2.70 -0.01	31.10 2.52 0.00	33.87 2.57 0.00	31.25 2.51 0.00	35.44 2.42 -5.72	69.10 2.89 -35.20	83.84 3.58 -46.58	76.28 3.75 -41.76	65.90 3.12 -34.83	36.73 2.83 -8.66	32.06 2.64 -4.26	27.81 2.41 -0.03	36.56 1.97 -11.61	33.05 1.96 -8.99	45.00 2.23 -19.37	67.53 3.08 -36.92	62.31 3.70 -28.88	112.18 4.53 -70.98	404.68 3.78 -371.23	119.59 2.89 -93.40	70.25 2.72 -44.65	42.86 2.85 -13.69	30.06 2.67 -0.01	28.30 2.31 0.00
WEST CANADA___HYD 24049	27.50 0.15 0.00	28.72 0.13 0.00	31.42 0.13 0.00	28.88 0.13 0.00	27.44 0.13 0.00	31.19 0.19 0.00	33.98 0.30 0.00	31.12 0.35 0.00	28.23 0.28 0.00	25.49 0.24 0.00	25.34 0.18 0.00	25.50 0.13 0.00	23.07 0.08 0.00	22.15 0.05 0.00	23.45 0.05 0.00	27.67 0.13 0.00	29.93 0.21 0.00	36.96 0.28 0.00	29.91 0.23 0.00	23.50 0.18 0.00	23.06 0.17 0.00	26.45 0.14 0.00	27.50 0.11 0.00	26.09 0.09 0.00
WESTERN_NY_WIND 24143	26.59 -0.76 0.00	27.40 -1.19 0.00	29.90 -1.40 0.00	27.32 -1.43 0.00	25.97 -1.34 0.00	29.71 -1.29 0.00	32.42 -1.26 0.00	29.29 -1.48 0.00	26.51 -1.44 0.00	23.78 -1.47 0.00	23.88 -1.28 0.00	24.03 -1.34 0.00	21.54 -1.45 0.00	20.81 -1.29 0.00	22.31 -1.09 0.00	26.37 -1.17 0.00	28.33 -1.40 0.00	34.69 -1.99 0.00	27.86 -1.82 0.00	21.83 -1.48 0.00	21.18 -1.64 0.06	24.09 -2.07 0.16	25.28 -2.11 0.00	24.13 -1.78 0.08
WESTOVER___LESR 323668	27.34 -0.01 0.00	28.38 -0.21 0.00	31.08 -0.21 0.00	28.53 -0.21 0.00	27.10 -0.21 0.00	30.88 -0.12 0.00	33.77 0.09 0.00	30.99 0.21 0.00	27.91 -0.05 0.00	25.20 -0.04 0.00	25.09 -0.07 0.00	25.22 -0.15 0.00	22.67 -0.31 0.00	21.83 -0.27 0.00	23.18 -0.21 0.00	27.52 -0.02 0.00	29.82 0.09 0.00	36.85 0.17 0.00	29.71 0.03 0.00	23.26 -0.05 0.00	22.73 -0.15 0.00	26.03 -0.28 0.00	26.98 -0.41 0.00	25.65 -0.35 0.00
WETHRSFD_WT_PWR 323626	26.15 -1.00 0.20	27.12 -1.41 0.05	29.78 -1.51 0.00	27.28 -1.47 0.00	25.90 -1.41 0.00	29.37 -1.59 0.04	31.87 -1.78 0.04	28.84 -1.94 0.00	25.71 -2.01 0.23	23.03 -1.94 0.28	23.38 -1.76 0.02	23.59 -1.78 0.00	20.54 -1.75 0.70	20.45 -1.59 0.06	21.98 -1.37 0.05	26.07 -1.47 0.00	27.88 -1.85 0.00	34.12 -2.56 0.00	27.25 -2.42 0.00	21.17 -2.14 0.00	20.39 -2.28 0.21	22.75 -2.72 0.84	24.56 -2.83 0.00	22.87 -2.42 0.71
WHAVSTOR_138KV_BK127 55557	28.47 1.12 0.00	29.66 1.07 0.00	32.42 1.13 0.00	29.88 1.13 0.00	28.40 1.09 0.00	32.37 1.36 0.00	35.61 1.93 0.00	32.99 2.21 0.00	29.72 1.77 0.00	26.86 1.61 0.00	26.59 1.44 0.00	26.65 1.28 0.00	22.93 0.88 0.94	23.02 0.92 0.00	24.47 1.07 0.00	29.23 1.69 0.00	31.95 2.22 0.00	39.53 2.85 0.00	32.05 2.37 0.00	25.08 1.77 0.00	24.52 1.64 0.00	27.94 1.62 0.00	28.77 1.39 0.00	27.16 1.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.47 1.12 0.00	29.66 1.07 0.00	32.42 1.13 0.00	29.88 1.13 0.00	28.40 1.09 0.00	32.37 1.36 0.00	35.61 1.93 0.00	32.99 2.21 0.00	29.72 1.77 0.00	26.86 1.61 0.00	26.59 1.44 0.00	26.65 1.28 0.00	22.93 0.88 0.94	23.02 0.92 0.00	24.47 1.07 0.00	29.23 1.69 0.00	31.95 2.22 0.00	39.53 2.85 0.00	32.05 2.37 0.00	25.08 1.77 0.00	24.52 1.64 0.00	27.94 1.62 0.00	28.77 1.39 0.00	27.16 1.17 0.00
WHITEHAL_115KV_TB1 80871	28.82 1.46 0.00	30.07 1.48 0.00	32.95 1.66 0.00	30.39 1.64 0.00	28.72 1.41 0.00	32.87 1.87 0.00	36.01 2.33 0.00	33.22 2.44 0.00	30.19 2.24 0.00	27.07 1.83 0.00	26.65 1.49 0.00	27.12 1.74 0.00	24.42 1.44 0.00	23.50 1.40 0.00	24.70 1.30 0.00	29.63 2.09 0.00	32.10 2.37 0.00	39.71 3.04 0.00	32.01 2.33 0.00	25.20 1.89 0.00	24.58 1.70 0.00	27.99 1.67 0.00	28.96 1.57 0.00	27.46 1.46 0.00

WHITEPLN_13_KV_LOAD 356215	29.03 1.68 0.00	30.09 1.50 0.00	32.79 1.49 0.00	30.17 1.42 0.00	28.67 1.36 0.00	32.70 1.69 0.00	36.04 2.36 0.00	33.46 2.69 0.00	30.19 2.24 0.00	27.29 2.04 0.00	27.03 1.88 0.00	27.09 1.72 0.00	24.87 1.29 -0.60	23.41 1.31 0.00	24.89 1.49 0.00	29.72 2.18 0.00	32.48 2.74 0.00	40.16 3.48 0.00	32.57 2.89 0.00	25.49 2.18 0.00	24.91 2.02 0.00	28.35 2.04 0.00	29.17 1.79 0.00	27.52 1.52 0.00
WM_FLOYD_69_KV_BK2 356380	30.25 2.89 -0.01	31.30 2.71 0.00	34.07 2.78 0.00	31.45 2.70 0.00	35.96 2.61 -6.05	71.37 3.15 -37.22	86.39 3.85 -48.86	77.96 4.04 -43.14	66.20 3.34 -34.91	36.97 3.01 -8.72	32.23 2.78 -4.30	27.92 2.51 -0.03	36.47 2.02 -11.46	32.45 2.07 -8.28	44.93 2.32 -19.21	67.32 3.30 -36.48	61.67 4.07 -27.87	108.43 5.06 -66.69	387.98 4.00 -354.30	115.97 3.08 -89.57	66.96 2.84 -41.24	42.76 2.98 -13.47	30.20 2.81 -0.01	28.43 2.43 0.00
WOODARD__115KV_TB2 355635	26.66 -0.69 0.00	27.74 -0.85 0.00	30.33 -0.97 0.00	27.85 -0.90 0.00	26.49 -0.82 0.00	30.16 -0.84 0.00	32.94 -0.74 0.00	30.17 -0.61 0.00	27.29 -0.65 0.00	24.68 -0.57 0.00	24.58 -0.58 0.00	24.74 -0.64 0.00	22.33 -0.66 0.00	21.47 -0.64 0.00	22.72 -0.68 0.00	26.88 -0.67 0.00	29.09 -0.64 0.00	35.92 -0.76 0.00	29.01 -0.67 0.00	22.74 -0.57 0.00	22.24 -0.64 0.00	25.52 -0.79 0.00	26.59 -0.80 0.00	25.38 -0.62 0.00
YORK____WARBASSE 23770	28.82 1.47 0.00	29.93 1.34 0.00	32.60 1.30 0.00	30.01 1.26 0.00	28.51 1.20 0.00	32.53 1.53 0.00	35.89 2.21 0.00	33.29 2.51 0.00	29.99 2.04 0.00	27.14 1.90 0.00	26.91 1.75 0.00	26.94 1.57 0.00	24.67 1.13 -0.55	23.29 1.19 0.00	24.75 1.35 0.00	29.54 1.99 0.00	32.28 2.55 0.00	39.79 3.11 0.00	32.42 2.75 0.00	25.35 2.04 0.00	24.78 1.89 0.00	28.20 1.88 0.00	29.01 1.62 0.00	27.34 1.34 0.00