

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/23/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	32.38	28.47	27.15	27.28	27.50	28.18	31.63	32.31	37.72	34.92	31.21	31.91	29.78	31.79	35.02	30.51	34.25	39.08	45.75	36.61	27.00	25.31	25.13	25.24
24138	1.75	1.42	1.22	1.18	1.24	1.28	1.47	1.58	1.88	1.81	1.48	1.49	1.37	1.43	1.57	1.46	1.74	2.00	2.29	1.92	1.49	1.45	1.39	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.41	28.49	27.17	27.31	27.52	28.20	31.65	32.32	37.74	34.93	31.22	31.90	29.79	31.79	35.02	30.51	34.25	39.10	45.77	36.61	26.96	25.27	25.08	25.21
24260	1.77	1.44	1.24	1.20	1.26	1.29	1.48	1.59	1.88	1.81	1.49	1.49	1.38	1.42	1.57	1.46	1.74	2.01	2.31	1.92	1.44	1.41	1.34	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.41	28.49	27.17	27.31	27.52	28.20	31.65	32.32	37.74	34.93	31.22	31.90	29.79	31.79	35.02	30.51	34.25	39.10	45.77	36.61	26.96	25.27	25.08	25.21
24261	1.77	1.44	1.24	1.20	1.26	1.29	1.48	1.59	1.88	1.81	1.49	1.49	1.38	1.42	1.57	1.46	1.74	2.01	2.31	1.92	1.44	1.41	1.34	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.94	28.12	26.93	27.12	27.24	28.04	31.88	32.55	37.99	35.11	31.52	32.34	30.26	32.28	35.66	31.06	34.95	39.81	46.24	36.96	27.16	25.34	25.12	25.25
24011	1.30	1.06	0.99	1.01	0.98	1.14	1.72	1.81	2.14	2.00	1.79	1.93	1.85	1.91	2.21	2.01	2.44	2.72	2.78	2.27	1.65	1.48	1.38	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.12	28.28	27.07	27.28	27.40	28.18	32.00	32.71	38.18	35.30	31.69	32.52	30.47	32.55	35.99	31.37	35.32	40.17	46.53	37.21	27.35	25.50	25.27	25.39
23798	1.48	1.22	1.14	1.17	1.13	1.28	1.84	1.97	2.33	2.18	1.95	2.11	2.06	2.19	2.55	2.32	2.81	3.08	3.07	2.53	1.83	1.64	1.53	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.94	28.12	26.93	27.12	27.24	28.04	31.88	32.55	37.99	35.11	31.52	32.34	30.26	32.28	35.66	31.06	34.95	39.81	46.24	36.96	27.16	25.34	25.12	25.25
24028	1.30	1.06	0.99	1.01	0.98	1.14	1.72	1.81	2.14	2.00	1.79	1.93	1.85	1.91	2.21	2.01	2.44	2.72	2.78	2.27	1.65	1.48	1.38	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.22	28.35	27.14	27.33	27.44	28.11	31.56	32.12	37.36	34.46	30.83	31.48	29.41	31.51	34.85	30.28	33.95	38.71	45.17	36.15	26.62	24.88	24.69	24.86
23527	1.58	1.29	1.21	1.22	1.17	1.20	1.40	1.38	1.51	1.35	1.10	1.07	0.99	1.15	1.40	1.23	1.44	1.63	1.71	1.47	1.10	1.02	0.95	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.93	27.36	26.21	26.36	26.52	27.16	30.42	30.94	36.02	33.32	29.81	30.47	28.45	30.43	33.57	29.19	32.77	37.38	43.70	34.90	25.68	24.03	23.86	24.03
24190	0.30	0.30	0.28	0.26	0.25	0.26	0.26	0.21	0.16	0.20	0.08	0.05	0.04	0.07	0.12	0.14	0.26	0.29	0.23	0.22	0.17	0.17	0.12	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	31.04	27.45	26.35	26.58	26.73	27.35	30.58	31.15	36.34	33.54	30.17	30.88	28.89	30.85	33.95	29.46	32.88	37.50	44.04	35.16	25.82	24.13	24.04	24.24
355683	0.40	0.39	0.42	0.48	0.47	0.44	0.41	0.41	0.49	0.43	0.44	0.47	0.48	0.49	0.51	0.41	0.37	0.42	0.58	0.47	0.30	0.27	0.30	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.66	27.96	26.80	26.97	27.11	27.80	31.16	31.70	36.91	34.14	30.55	31.25	29.17	31.19	34.36	29.88	33.54	38.27	44.74	35.71	26.28	24.59	24.42	24.60
323833	1.02	0.90	0.87	0.86	0.85	0.89	1.00	0.97	1.06	1.02	0.82	0.84	0.76	0.83	0.91	0.83	1.03	1.18	1.28	1.02	0.76	0.73	0.68	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.64	27.95	26.79	26.96	27.10	27.78	31.15	31.69	36.91	34.13	30.55	31.23	29.17	31.18	34.34	29.88	33.53	38.25	44.72	35.70	26.27	24.58	24.41	24.59
323834	1.01	0.89	0.86	0.85	0.84	0.88	0.99	0.96	1.05	1.01	0.82	0.82	0.76	0.82	0.90	0.83	1.02	1.16	1.26	1.01	0.75	0.72	0.67	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___1	30.93	27.36	26.21	26.36	26.52	27.16	30.42	30.94	36.02	33.32	29.81	30.47	28.45	30.43	33.57	29.19	32.77	37.38	43.70	34.90	25.68	24.03	23.86	24.03
23571	0.30	0.30	0.28	0.26	0.25	0.26	0.26	0.21	0.16	0.20	0.08	0.05	0.04	0.07	0.12	0.14	0.26	0.29	0.23	0.22	0.17	0.17	0.12	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.93 0.30 0.00	27.36 0.30 0.00	26.21 0.28 0.00	26.36 0.26 0.00	26.52 0.25 0.00	27.16 0.26 0.00	30.42 0.26 0.00	30.94 0.21 0.00	36.02 0.16 0.00	33.32 0.20 0.00	29.81 0.08 0.00	30.47 0.05 0.00	28.45 0.04 0.00	30.43 0.07 0.00	33.57 0.12 0.00	29.19 0.14 0.00	32.77 0.26 0.00	37.38 0.29 0.00	43.70 0.23 0.00	34.90 0.22 0.00	25.68 0.17 0.00	24.03 0.17 0.00	23.86 0.12 0.00	24.03 0.06 0.00
ALBANY___3 23573	30.93 0.30 0.00	27.36 0.30 0.00	26.21 0.28 0.00	26.36 0.26 0.00	26.52 0.25 0.00	27.16 0.26 0.00	30.42 0.26 0.00	30.94 0.21 0.00	36.02 0.16 0.00	33.32 0.20 0.00	29.81 0.08 0.00	30.47 0.05 0.00	28.45 0.04 0.00	30.43 0.07 0.00	33.57 0.12 0.00	29.19 0.14 0.00	32.77 0.26 0.00	37.38 0.29 0.00	43.70 0.23 0.00	34.90 0.22 0.00	25.68 0.17 0.00	24.03 0.17 0.00	23.86 0.12 0.00	24.03 0.06 0.00
ALBANY___4 23574	30.93 0.30 0.00	27.36 0.30 0.00	26.21 0.28 0.00	26.36 0.26 0.00	26.52 0.25 0.00	27.16 0.26 0.00	30.42 0.26 0.00	30.94 0.21 0.00	36.02 0.16 0.00	33.32 0.20 0.00	29.81 0.08 0.00	30.47 0.05 0.00	28.45 0.04 0.00	30.43 0.07 0.00	33.57 0.12 0.00	29.19 0.14 0.00	32.77 0.26 0.00	37.38 0.29 0.00	43.70 0.23 0.00	34.90 0.22 0.00	25.68 0.17 0.00	24.03 0.17 0.00	23.86 0.12 0.00	24.03 0.06 0.00
ALBANY___LFGE 323615	31.25 0.61 0.00	27.61 0.55 0.00	26.44 0.51 0.00	26.60 0.50 0.00	26.75 0.48 0.00	27.41 0.51 0.00	30.72 0.56 0.00	31.25 0.52 0.00	36.40 0.54 0.00	33.68 0.56 0.00	30.13 0.40 0.00	30.80 0.39 0.00	28.77 0.36 0.00	30.77 0.40 0.00	33.94 0.50 0.00	29.52 0.47 0.00	33.14 0.63 0.00	37.79 0.70 0.00	44.17 0.71 0.00	35.29 0.61 0.00	25.96 0.44 0.00	24.28 0.42 0.00	24.10 0.37 0.00	24.28 0.31 0.00
ALCOA_PA_115KV_PL-6C 55860	31.24 0.60 0.00	27.62 0.57 0.00	26.51 0.58 0.00	26.75 0.64 0.00	26.90 0.63 0.00	27.51 0.60 0.00	30.76 0.59 0.00	31.34 0.60 0.00	36.56 0.71 0.00	33.74 0.62 0.00	30.35 0.62 0.00	31.07 0.66 0.00	29.05 0.64 0.00	31.04 0.68 0.00	34.16 0.71 0.00	29.65 0.60 0.00	33.09 0.58 0.00	37.73 0.64 0.00	44.32 0.86 0.00	35.35 0.67 0.00	25.96 0.45 0.00	24.26 0.41 0.00	24.17 0.43 0.00	24.36 0.39 0.00
ALCOA_RYNLDS___DRP 24188	31.24 0.60 0.00	27.62 0.57 0.00	26.51 0.58 0.00	26.75 0.64 0.00	26.90 0.63 0.00	27.51 0.60 0.00	30.76 0.59 0.00	31.34 0.60 0.00	36.56 0.71 0.00	33.74 0.62 0.00	30.35 0.62 0.00	31.07 0.66 0.00	29.05 0.64 0.00	31.04 0.68 0.00	34.16 0.71 0.00	29.65 0.60 0.00	33.09 0.58 0.00	37.73 0.64 0.00	44.32 0.86 0.00	35.35 0.67 0.00	25.96 0.45 0.00	24.26 0.41 0.00	24.17 0.43 0.00	24.36 0.39 0.00
ALCOA___DSASP 323711	31.24 0.60 0.00	27.62 0.57 0.00	26.51 0.58 0.00	26.75 0.64 0.00	26.90 0.63 0.00	27.51 0.60 0.00	30.76 0.60 0.00	31.34 0.60 0.00	36.56 0.71 0.00	33.73 0.62 0.00	30.35 0.62 0.00	31.07 0.66 0.00	29.05 0.65 0.00	31.04 0.68 0.00	34.16 0.71 0.00	29.65 0.60 0.00	33.09 0.58 0.00	37.73 0.64 0.00	44.32 0.86 0.00	35.35 0.66 0.00	25.96 0.45 0.00	24.26 0.41 0.00	24.17 0.43 0.00	24.36 0.39 0.00
ALLEGHENY___COGEN 23514	30.29 -0.35 0.00	26.78 -0.28 0.00	25.72 -0.21 0.00	25.83 -0.27 0.00	26.00 -0.27 0.00	26.70 -0.20 0.00	29.98 -0.19 0.00	30.51 -0.22 0.00	35.67 -0.18 0.00	32.89 -0.23 0.00	29.84 0.11 0.00	30.28 -0.14 0.00	28.13 -0.28 0.00	30.01 -0.35 0.00	33.12 -0.33 0.00	28.80 -0.25 0.00	31.96 -0.55 0.00	36.80 -0.29 0.00	43.08 -0.38 0.00	34.35 -0.33 0.00	25.12 -0.40 0.00	23.40 -0.46 0.00	23.37 -0.37 0.00	23.62 -0.35 0.00
ALTAMONT_115KV_TB 2 55880	31.32 0.68 0.00	27.63 0.57 0.00	26.45 0.52 0.00	26.62 0.51 0.00	26.77 0.52 0.00	27.43 0.53 0.00	30.78 0.61 0.00	31.34 0.60 0.00	36.52 0.67 0.00	33.78 0.66 0.00	30.24 0.51 0.00	30.91 0.50 0.00	28.86 0.45 0.00	30.86 0.50 0.00	34.03 0.58 0.00	29.59 0.54 0.00	33.19 0.68 0.00	37.87 0.78 0.00	44.31 0.84 0.00	35.39 0.70 0.00	26.03 0.52 0.00	24.35 0.49 0.00	24.19 0.45 0.00	24.37 0.40 0.00
ALTONA_WT_PWR 323606	31.80 1.16 0.00	28.12 1.06 0.00	26.99 1.06 0.00	27.27 1.17 0.00	27.43 1.16 0.00	28.04 1.14 0.00	31.39 1.22 0.00	31.99 1.26 0.00	37.32 1.47 0.00	34.39 1.27 0.00	30.92 1.19 0.00	31.66 1.25 0.00	29.65 1.24 0.00	31.74 1.38 0.00	34.99 1.55 0.00	30.38 1.33 0.00	33.92 1.41 0.00	38.64 1.55 0.00	45.20 1.74 0.00	36.14 1.45 0.00	26.56 1.04 0.00	24.79 0.94 0.00	24.65 0.91 0.00	24.79 0.83 0.00
AMERICAN_REF_FUEL 24010	27.51 -2.89 0.25	24.66 -2.40 0.00	23.84 -2.09 0.00	23.98 -2.13 0.00	24.13 -2.13 0.00	23.99 -2.13 0.79	27.32 -2.58 0.27	27.58 -3.02 0.14	32.21 -3.64 0.00	29.62 -3.49 0.00	26.94 -2.79 0.00	27.65 -2.76 0.00	25.82 -2.59 0.00	27.50 -2.86 0.00	30.13 -3.32 0.00	26.11 -2.95 0.00	28.98 -3.53 0.00	33.40 -3.69 0.00	39.06 -4.40 0.00	31.23 -3.46 0.00	22.86 -2.65 0.00	21.35 -2.51 0.00	21.45 -2.29 0.00	21.78 -2.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.53 -1.77 0.34	25.60 -1.46 0.00	24.66 -1.27 0.00	24.75 -1.36 0.00	24.93 -1.34 0.00	24.59 -1.23 1.08	28.51 -1.28 0.37	28.98 -1.57 0.19	34.05 -1.81 0.00	31.03 -2.08 0.00	28.13 -1.60 0.00	28.80 -1.61 0.00	26.79 -1.62 0.00	28.65 -1.71 0.00	31.59 -1.86 0.00	27.23 -1.82 0.00	30.16 -2.35 0.00	34.72 -2.37 0.00	40.65 -2.81 0.00	32.54 -2.15 0.00	23.85 -1.67 0.00	22.28 -1.57 0.00	22.39 -1.35 0.00	22.75 -1.21 0.00
ARTHUR KILL_GT_1 23520	32.41 1.77 0.00	28.51 1.45 0.00	27.15 1.22 0.00	27.28 1.18 0.00	27.49 1.23 0.00	28.16 1.26 0.00	31.48 1.31 0.00	32.14 1.40 0.00	37.54 1.68 0.00	34.73 1.61 0.00	30.97 1.24 0.00	31.62 1.21 0.00	29.53 1.12 0.00	31.52 1.15 0.00	34.72 1.28 0.00	30.26 1.21 0.00	33.96 1.45 0.00	38.78 1.69 0.00	45.42 1.96 0.00	36.38 1.69 0.00	26.81 1.29 0.00	25.11 1.26 0.00	24.95 1.22 0.00	25.10 1.14 0.00
ARTHUR_KILL_2 23512	32.32 1.68 0.00	28.43 1.37 0.00	27.08 1.15 0.00	27.21 1.10 0.00	27.41 1.15 0.00	28.08 1.18 0.00	31.39 1.22 0.00	32.04 1.30 0.00	37.43 1.58 0.00	34.63 1.51 0.00	30.88 1.15 0.00	31.53 1.12 0.00	29.45 1.04 0.00	31.42 1.06 0.00	34.61 1.17 0.00	30.18 1.12 0.00	33.85 1.33 0.00	38.65 1.56 0.00	45.27 1.81 0.00	36.26 1.58 0.00	26.72 1.21 0.00	25.04 1.18 0.00	24.88 1.14 0.00	25.03 1.06 0.00
ARTHUR_KILL_3 23513	32.07 1.43 0.00	28.21 1.15 0.00	26.89 0.95 0.00	27.01 0.91 0.00	27.24 0.97 0.00	27.89 0.99 0.00	31.30 1.14 0.00	31.97 1.24 0.00	37.34 1.49 0.00	34.54 1.42 0.00	30.82 1.09 0.00	31.51 1.10 0.00	29.43 1.02 0.00	31.41 1.04 0.00	34.59 1.15 0.00	30.14 1.09 0.00	33.84 1.33 0.00	38.65 1.56 0.00	45.25 1.79 0.00	36.22 1.53 0.00	26.66 1.14 0.00	24.98 1.13 0.00	24.81 1.08 0.00	24.95 0.99 0.00

[illegible]

ASTORIA_GT4_4 24105	32.10 1.46 0.00	28.29 1.23 0.00	26.98 1.04 0.00	27.09 0.98 0.00	27.26 0.99 0.00	27.95 1.05 0.00	31.36 1.20 0.00	32.10 1.37 0.00	37.46 1.60 0.00	34.70 1.58 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.62 1.21 0.00	31.57 1.21 0.00	34.79 1.35 0.00	30.35 1.30 0.00	33.94 1.43 0.00	38.79 1.70 0.00	45.41 1.95 0.00	36.45 1.76 0.00	26.85 1.33 0.00	25.09 1.23 0.00	24.89 1.15 0.00	25.01 1.05 0.00
ASTORIA_GT_1 23523	32.15 1.52 0.00	28.34 1.28 0.00	27.02 1.09 0.00	27.15 1.05 0.00	27.31 1.05 0.00	28.00 1.10 0.00	31.41 1.25 0.00	32.16 1.42 0.00	37.52 1.67 0.00	34.76 1.64 0.00	31.07 1.34 0.00	31.77 1.36 0.00	29.67 1.26 0.00	31.63 1.27 0.00	34.86 1.41 0.00	30.41 1.36 0.00	34.00 1.49 0.00	38.86 1.77 0.00	45.50 2.04 0.00	36.52 1.83 0.00	26.89 1.37 0.00	25.12 1.26 0.00	24.94 1.20 0.00	25.05 1.09 0.00
ASTORIA_GT_10 24110	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.16 1.06 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.13 1.39 0.00	37.50 1.64 0.00	34.71 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.20 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.34 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA_GT_11 24225	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.16 1.06 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.13 1.39 0.00	37.50 1.64 0.00	34.71 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.20 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.34 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA_GT_12 24226	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.16 1.06 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.13 1.39 0.00	37.50 1.64 0.00	34.71 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.20 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.34 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA_GT_13 24227	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.16 1.06 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.13 1.39 0.00	37.50 1.64 0.00	34.71 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.20 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.34 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA_GT_5 24106	32.15 1.51 0.00	28.34 1.28 0.00	27.02 1.09 0.00	27.13 1.03 0.00	27.30 1.03 0.00	28.00 1.10 0.00	31.41 1.25 0.00	32.15 1.42 0.00	37.52 1.67 0.00	34.76 1.64 0.00	31.09 1.36 0.00	31.77 1.36 0.00	29.67 1.26 0.00	31.63 1.27 0.00	34.86 1.41 0.00	30.41 1.36 0.00	34.00 1.49 0.00	38.86 1.77 0.00	45.50 2.04 0.00	36.52 1.83 0.00	26.89 1.38 0.00	25.13 1.27 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA_GT_7 24107	32.15 1.51 0.00	28.34 1.28 0.00	27.02 1.09 0.00	27.13 1.03 0.00	27.30 1.03 0.00	28.00 1.10 0.00	31.41 1.25 0.00	32.15 1.42 0.00	37.52 1.67 0.00	34.76 1.64 0.00	31.09 1.36 0.00	31.77 1.36 0.00	29.67 1.26 0.00	31.63 1.27 0.00	34.86 1.41 0.00	30.41 1.36 0.00	34.00 1.49 0.00	38.86 1.77 0.00	45.50 2.04 0.00	36.52 1.83 0.00	26.89 1.38 0.00	25.13 1.27 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA_GT_8 24108	32.15 1.51 0.00	28.34 1.28 0.00	27.02 1.09 0.00	27.13 1.03 0.00	27.30 1.03 0.00	28.00 1.10 0.00	31.41 1.25 0.00	32.15 1.42 0.00	37.52 1.67 0.00	34.76 1.64 0.00	31.09 1.36 0.00	31.77 1.36 0.00	29.67 1.26 0.00	31.63 1.27 0.00	34.86 1.41 0.00	30.41 1.36 0.00	34.00 1.49 0.00	38.86 1.77 0.00	45.50 2.04 0.00	36.52 1.83 0.00	26.89 1.38 0.00	25.13 1.27 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA___2 24149	32.10 1.46 0.00	28.29 1.23 0.00	26.98 1.05 0.00	27.12 1.01 0.00	27.27 1.01 0.00	27.95 1.05 0.00	31.36 1.19 0.00	32.10 1.37 0.00	37.45 1.60 0.00	34.69 1.58 0.00	31.01 1.28 0.00	31.70 1.29 0.00	29.62 1.21 0.00	31.57 1.21 0.00	34.79 1.35 0.00	30.36 1.30 0.00	33.94 1.43 0.00	38.79 1.70 0.00	45.41 1.95 0.00	36.45 1.76 0.00	26.84 1.32 0.00	25.08 1.22 0.00	24.90 1.15 0.00	25.01 1.04 0.00
ASTORIA___3 23516	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.18 1.07 0.00	27.38 1.12 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.14 1.40 0.00	37.50 1.65 0.00	34.71 1.60 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.60 1.19 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.33 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA___4 23517	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.16 1.06 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.13 1.39 0.00	37.50 1.64 0.00	34.71 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.20 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.34 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.19 0.00	25.06 1.09 0.00
ASTORIA___5 23518	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.18 1.07 0.00	27.38 1.12 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.14 1.40 0.00	37.50 1.65 0.00	34.71 1.60 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.60 1.19 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.33 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.19 0.00	25.06 1.09 0.00
AST_ENERGY_2_CC3 323677	32.16 1.52 0.00	28.28 1.22 0.00	26.95 1.02 0.00	27.09 0.99 0.00	27.30 1.04 0.00	27.97 1.07 0.00	31.39 1.22 0.00	32.06 1.32 0.00	37.42 1.57 0.00	34.64 1.52 0.00	30.94 1.22 0.00	31.63 1.22 0.00	29.53 1.12 0.00	31.52 1.15 0.00	34.73 1.28 0.00	30.26 1.20 0.00	33.96 1.45 0.00	38.77 1.68 0.00	45.39 1.92 0.00	36.32 1.63 0.00	26.75 1.24 0.00	25.08 1.23 0.00	24.91 1.17 0.00	25.04 1.07 0.00
AST_ENERGY_2_CC4 323678	32.16 1.52 0.00	28.28 1.22 0.00	26.95 1.02 0.00	27.09 0.99 0.00	27.30 1.04 0.00	27.97 1.07 0.00	31.39 1.22 0.00	32.06 1.32 0.00	37.42 1.57 0.00	34.64 1.52 0.00	30.94 1.22 0.00	31.63 1.22 0.00	29.53 1.12 0.00	31.52 1.15 0.00	34.73 1.28 0.00	30.26 1.20 0.00	33.96 1.45 0.00	38.77 1.68 0.00	45.39 1.92 0.00	36.32 1.63 0.00	26.75 1.24 0.00	25.08 1.23 0.00	24.91 1.17 0.00	25.04 1.07 0.00

ATHENS_STG_1 23668	31.56 0.92 0.00	27.80 0.75 0.00	26.59 0.66 0.00	26.76 0.65 0.00	26.93 0.67 0.00	27.57 0.67 0.00	30.96 0.79 0.00	31.55 0.81 0.00	36.79 0.94 0.00	34.02 0.91 0.00	30.43 0.70 0.00	31.10 0.69 0.00	29.04 0.63 0.00	31.03 0.67 0.00	34.22 0.77 0.00	29.76 0.71 0.00	33.39 0.87 0.00	38.11 1.02 0.00	44.60 1.14 0.00	35.63 0.95 0.00	26.23 0.71 0.00	24.53 0.67 0.00	24.37 0.63 0.00	24.56 0.59 0.00
ATHENS_STG_2 23670	31.56 0.92 0.00	27.80 0.75 0.00	26.59 0.66 0.00	26.76 0.65 0.00	26.93 0.67 0.00	27.57 0.67 0.00	30.96 0.79 0.00	31.55 0.81 0.00	36.79 0.94 0.00	34.02 0.91 0.00	30.43 0.70 0.00	31.10 0.69 0.00	29.04 0.63 0.00	31.03 0.67 0.00	34.22 0.77 0.00	29.76 0.71 0.00	33.39 0.87 0.00	38.11 1.02 0.00	44.60 1.14 0.00	35.63 0.95 0.00	26.23 0.71 0.00	24.53 0.67 0.00	24.37 0.63 0.00	24.56 0.59 0.00
ATHENS_STG_3 23677	31.56 0.92 0.00	27.80 0.75 0.00	26.59 0.66 0.00	26.76 0.65 0.00	26.93 0.67 0.00	27.57 0.67 0.00	30.96 0.79 0.00	31.55 0.81 0.00	36.79 0.94 0.00	34.02 0.91 0.00	30.43 0.70 0.00	31.10 0.69 0.00	29.04 0.63 0.00	31.03 0.67 0.00	34.22 0.77 0.00	29.76 0.71 0.00	33.39 0.87 0.00	38.11 1.02 0.00	44.60 1.14 0.00	35.63 0.95 0.00	26.23 0.71 0.00	24.53 0.67 0.00	24.37 0.63 0.00	24.56 0.59 0.00
AUBURN___LFGE 323710	30.31 -0.33 0.00	26.68 -0.37 0.00	25.63 -0.30 0.00	25.82 -0.29 0.00	25.88 -0.39 0.00	26.53 -0.38 0.00	29.76 -0.40 0.00	30.34 -0.40 0.00	35.40 -0.45 0.00	32.69 -0.43 0.00	29.43 -0.30 0.00	30.10 -0.31 0.00	28.10 -0.31 0.00	30.02 -0.34 0.00	33.05 -0.40 0.00	28.70 -0.35 0.00	32.09 -0.42 0.00	36.69 -0.40 0.00	42.97 -0.49 0.00	34.29 -0.40 0.00	25.21 -0.31 0.00	23.55 -0.31 0.00	23.45 -0.29 0.00	23.72 -0.25 0.00
BABYLON_RES_REC 323704	89.64 2.43 -56.57	29.03 1.98 0.00	27.63 1.70 0.00	27.88 1.78 0.00	28.11 1.85 0.00	28.67 1.77 0.00	32.20 2.03 0.00	32.98 2.25 0.00	46.79 2.64 -8.30	41.11 2.47 -5.53	96.96 2.15 -65.08	37.12 2.14 -4.57	36.97 1.98 -6.58	34.11 2.06 -1.69	37.04 2.25 -1.35	33.40 2.07 -2.28	38.33 2.40 -3.42	39.86 2.77 0.00	48.31 3.32 -1.53	71.78 2.69 -34.40	27.51 2.00 0.00	25.73 1.87 0.00	25.53 1.79 0.00	25.69 1.72 0.00
BABYLON__69_KV_BK2 356345	90.03 2.82 -56.57	29.36 2.31 0.00	27.93 2.00 0.00	28.19 2.08 0.00	28.43 2.17 0.00	29.00 2.10 0.00	32.57 2.40 0.00	33.37 2.64 0.00	47.26 3.11 -8.30	41.51 2.87 -5.53	97.36 2.55 -65.08	37.53 2.55 -4.57	37.34 2.35 -6.58	34.52 2.46 -1.69	37.49 2.69 -1.35	33.79 2.46 -2.28	38.78 2.85 -3.42	40.38 3.30 0.00	48.92 3.93 -1.53	72.27 3.18 -34.40	27.87 2.35 0.00	26.06 2.20 0.00	25.83 2.09 0.00	25.99 2.03 0.00
BALL_HILL_WT_PWR 323825	28.50 -1.84 0.30	25.53 -1.52 0.00	24.61 -1.32 0.00	24.73 -1.38 0.00	24.90 -1.36 0.00	24.62 -1.33 0.96	28.34 -1.50 0.32	28.77 -1.81 0.16	33.71 -2.15 0.00	30.87 -2.25 0.00	28.04 -1.69 0.00	28.71 -1.70 0.00	26.79 -1.62 0.00	28.59 -1.77 0.00	31.40 -2.04 0.00	27.16 -1.90 0.00	30.15 -2.36 0.00	34.74 -2.35 0.00	40.67 -2.79 0.00	32.46 -2.23 0.00	23.77 -1.75 0.00	22.20 -1.65 0.00	22.29 -1.45 0.00	22.63 -1.34 0.00
BARON_WINDS___WT_PWR 323822	29.44 -1.35 -0.16	25.86 -1.20 0.00	24.78 -1.15 0.00	24.93 -1.18 0.00	25.06 -1.20 0.00	26.19 -1.21 -0.50	29.01 -1.33 -0.17	29.41 -1.42 -0.09	34.37 -1.49 0.00	31.69 -1.43 0.00	28.81 -0.92 0.00	29.33 -1.08 0.00	27.36 -1.05 0.00	29.11 -1.25 0.00	32.03 -1.42 0.00	27.81 -1.25 0.00	30.59 -1.92 0.00	34.99 -2.10 0.00	40.97 -2.49 0.00	32.69 -2.00 0.00	23.98 -1.54 0.00	22.38 -1.48 0.00	22.39 -1.35 0.00	22.69 -1.28 0.00
BARRETT_IC_1 23704	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_10 23701	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_11 23702	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_12 23703	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_2 23705	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_3 23706	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_4 23707	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00

BARRETT_IC_5 23708	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_6 23709	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_7 23710	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.42 1.32 0.00	27.65 1.38 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.11 1.95 -8.30	40.54 1.89 -5.53	96.35 1.54 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.63 1.57 -1.69	36.51 1.72 -1.35	32.89 1.56 -2.28	37.69 1.76 -3.42	39.10 2.01 0.00	47.34 2.36 -1.53	71.07 1.98 -34.40	27.02 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_8 23711	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT_IC_9 23700	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT___1 23545	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BARRETT___2 23546	89.09 1.88 -56.57	28.59 1.53 0.00	27.23 1.30 0.00	27.43 1.33 0.00	27.65 1.39 0.00	28.20 1.30 0.00	31.68 1.52 0.00	32.38 1.64 0.00	46.10 1.95 -8.30	40.53 1.89 -5.53	96.34 1.53 -65.08	36.57 1.59 -4.57	36.49 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.88 1.55 -2.28	37.69 1.76 -3.42	39.09 2.01 0.00	47.34 2.35 -1.53	71.06 1.98 -34.40	27.01 1.50 0.00	25.26 1.40 0.00	25.11 1.37 0.00	25.29 1.32 0.00
BATAVIA__115KV_TB1 55881	29.10 -1.53 0.00	25.81 -1.25 0.00	24.89 -1.04 0.00	25.03 -1.07 0.00	25.19 -1.07 0.00	25.87 -1.03 0.00	28.90 -1.26 0.00	29.18 -1.56 0.00	33.98 -1.87 0.00	31.31 -1.80 0.00	28.42 -1.31 0.00	29.15 -1.25 0.00	27.19 -1.22 0.00	28.98 -1.38 0.00	31.81 -1.63 0.00	27.58 -1.47 0.00	30.71 -1.80 0.00	35.40 -1.69 0.00	41.38 -2.08 0.00	33.02 -1.66 0.00	24.14 -1.38 0.00	22.53 -1.33 0.00	22.56 -1.18 0.00	22.85 -1.12 0.00
BAYONEEC___CTG1 323682	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG10 323750	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG2 323683	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG3 323684	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG4 323685	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG5 323686	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG6 323687	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00

BAYONEEC___CTG7 323688	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG8 323689	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BAYONEEC___CTG9 323749	32.19 1.55 0.00	28.31 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.08 0.00	28.00 1.10 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.68 1.56 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.55 1.15 0.00	31.55 1.18 0.00	34.75 1.30 0.00	30.28 1.23 0.00	33.99 1.48 0.00	38.80 1.71 0.00	45.43 1.96 0.00	36.36 1.67 0.00	26.78 1.26 0.00	25.09 1.24 0.00	24.92 1.18 0.00	25.05 1.08 0.00
BEACON___LESR 323632	31.47 0.83 0.00	27.81 0.75 0.00	26.66 0.73 0.00	26.79 0.69 0.00	26.94 0.68 0.00	27.64 0.74 0.00	31.07 0.90 0.00	31.61 0.87 0.00	36.80 0.95 0.00	34.05 0.93 0.00	30.43 0.70 0.00	31.09 0.68 0.00	29.03 0.61 0.00	31.05 0.69 0.00	34.26 0.82 0.00	29.74 0.69 0.00	33.43 0.91 0.00	38.17 1.08 0.00	44.63 1.17 0.00	35.65 0.96 0.00	26.19 0.68 0.00	24.51 0.65 0.00	24.30 0.56 0.00	24.47 0.50 0.00
BEAVER RIVER___HYD 24048	30.74 0.10 0.00	27.13 0.08 0.00	25.92 -0.01 0.00	26.09 -0.02 0.00	26.22 -0.04 0.00	26.88 -0.03 0.00	30.12 -0.04 0.00	30.65 -0.09 0.00	35.68 -0.17 0.00	33.06 -0.06 0.00	29.94 0.21 0.00	30.75 0.34 0.00	28.73 0.32 0.00	30.69 0.33 0.00	33.74 0.30 0.00	29.28 0.23 0.00	32.86 0.35 0.00	37.28 0.19 0.00	43.39 -0.07 0.00	34.24 -0.45 0.00	25.37 -0.15 0.00	23.80 -0.05 0.00	23.63 -0.11 0.00	23.49 -0.48 0.00
BEEBEE_GT_13 23619	29.18 -1.46 0.00	25.84 -1.22 0.00	24.87 -1.06 0.00	25.03 -1.08 0.00	25.18 -1.09 0.00	25.83 -1.07 0.00	28.93 -1.24 0.00	29.30 -1.44 0.00	34.14 -1.71 0.00	31.48 -1.64 0.00	28.46 -1.27 0.00	29.18 -1.23 0.00	27.24 -1.17 0.00	29.06 -1.31 0.00	31.94 -1.51 0.00	27.69 -1.36 0.00	30.89 -1.62 0.00	35.50 -1.59 0.00	41.54 -1.92 0.00	33.13 -1.56 0.00	24.28 -1.24 0.00	22.68 -1.18 0.00	22.65 -1.09 0.00	22.95 -1.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.58 1.94 0.00	28.67 1.61 0.00	27.30 1.37 0.00	27.43 1.32 0.00	27.62 1.36 0.00	28.31 1.41 0.00	31.71 1.54 0.00	32.37 1.63 0.00	37.81 1.96 0.00	35.01 1.89 0.00	31.26 1.53 0.00	31.93 1.52 0.00	29.81 1.40 0.00	31.81 1.44 0.00	35.04 1.59 0.00	30.54 1.49 0.00	34.26 1.75 0.00	39.12 2.03 0.00	45.81 2.35 0.00	36.69 2.00 0.00	27.03 1.51 0.00	25.31 1.46 0.00	25.13 1.39 0.00	25.27 1.30 0.00
BETHLEHEM___GRP 23843	30.93 0.30 0.00	27.36 0.30 0.00	26.21 0.28 0.00	26.36 0.26 0.00	26.52 0.25 0.00	27.16 0.26 0.00	30.42 0.26 0.00	30.94 0.21 0.00	36.02 0.16 0.00	33.32 0.20 0.00	29.81 0.08 0.00	30.47 0.05 0.00	28.45 0.04 0.00	30.43 0.07 0.00	33.57 0.12 0.00	29.19 0.14 0.00	32.77 0.26 0.00	37.38 0.29 0.00	43.70 0.23 0.00	34.90 0.22 0.00	25.68 0.17 0.00	24.03 0.17 0.00	23.86 0.12 0.00	24.03 0.06 0.00
BETHLEHEM___GS1 323560	30.93 0.30 0.00	27.36 0.30 0.00	26.21 0.28 0.00	26.37 0.26 0.00	26.51 0.24 0.00	27.16 0.26 0.00	30.42 0.26 0.00	30.94 0.21 0.00	36.02 0.16 0.00	33.32 0.20 0.00	29.81 0.08 0.00	30.47 0.05 0.00	28.45 0.04 0.00	30.43 0.07 0.00	33.57 0.12 0.00	29.19 0.14 0.00	32.77 0.26 0.00	37.38 0.29 0.00	43.70 0.24 0.00	34.90 0.22 0.00	25.68 0.16 0.00	24.02 0.17 0.00	23.86 0.12 0.00	24.03 0.06 0.00
BETHLEHEM___GS2 323561	30.93 0.30 0.00	27.36 0.30 0.00	26.21 0.28 0.00	26.37 0.26 0.00	26.51 0.24 0.00	27.16 0.26 0.00	30.42 0.26 0.00	30.94 0.21 0.00	36.02 0.16 0.00	33.32 0.20 0.00	29.81 0.08 0.00	30.47 0.05 0.00	28.45 0.04 0.00	30.43 0.07 0.00	33.57 0.12 0.00	29.19 0.14 0.00	32.77 0.26 0.00	37.38 0.29 0.00	43.70 0.24 0.00	34.90 0.22 0.00	25.68 0.16 0.00	24.02 0.17 0.00	23.86 0.12 0.00	24.03 0.06 0.00
BETHLEHEM___GS3 323562	30.93 0.30 0.00	27.36 0.30 0.00	26.21 0.28 0.00	26.37 0.26 0.00	26.51 0.24 0.00	27.16 0.26 0.00	30.42 0.26 0.00	30.94 0.21 0.00	36.02 0.16 0.00	33.32 0.20 0.00	29.81 0.08 0.00	30.47 0.05 0.00	28.45 0.04 0.00	30.43 0.07 0.00	33.57 0.12 0.00	29.19 0.14 0.00	32.77 0.26 0.00	37.38 0.29 0.00	43.70 0.24 0.00	34.90 0.22 0.00	25.68 0.16 0.00	24.02 0.17 0.00	23.86 0.12 0.00	24.03 0.06 0.00
BETHLEHEM___STEEL 23779	28.85 -1.79 0.00	25.59 -1.47 0.00	24.67 -1.26 0.00	24.81 -1.29 0.00	24.98 -1.29 0.00	25.64 -1.26 0.00	28.67 -1.50 0.00	28.89 -1.85 0.00	33.62 -2.23 0.00	30.90 -2.21 0.00	28.07 -1.66 0.00	28.76 -1.65 0.00	26.85 -1.57 0.00	28.62 -1.74 0.00	31.41 -2.04 0.00	27.18 -1.87 0.00	30.18 -2.33 0.00	34.78 -2.31 0.00	40.72 -2.74 0.00	32.48 -2.20 0.00	23.77 -1.74 0.00	22.20 -1.66 0.00	22.29 -1.45 0.00	22.62 -1.35 0.00
BETHLHEM_115KV_TB1 79974	31.02 0.39 0.00	27.42 0.36 0.00	26.26 0.33 0.00	26.42 0.32 0.00	26.57 0.31 0.00	27.22 0.32 0.00	30.50 0.34 0.00	31.03 0.29 0.00	36.12 0.27 0.00	33.41 0.30 0.00	29.90 0.17 0.00	30.55 0.15 0.00	28.53 0.12 0.00	30.52 0.15 0.00	33.66 0.22 0.00	29.28 0.22 0.00	32.85 0.34 0.00	37.47 0.38 0.00	43.82 0.35 0.00	35.00 0.32 0.00	25.75 0.24 0.00	24.09 0.24 0.00	23.92 0.19 0.00	24.09 0.12 0.00
BETHPAGE_CC_5 323564	89.37 2.16 -56.57	28.83 1.77 0.00	27.44 1.51 0.00	27.67 1.57 0.00	27.91 1.65 0.00	28.46 1.56 0.00	31.98 1.81 0.00	32.72 1.98 0.00	46.49 2.34 -8.30	40.87 2.23 -5.53	96.73 1.93 -65.08	36.99 2.01 -4.57	36.79 1.81 -6.58	33.91 1.86 -1.69	36.82 2.03 -1.35	33.18 1.86 -2.28	38.06 2.12 -3.42	39.50 2.41 0.00	47.88 2.89 -1.53	71.46 2.37 -34.40	27.31 1.80 0.00	25.54 1.68 0.00	25.42 1.68 0.00	25.58 1.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.03 -1.61 0.00	25.73 -1.32 0.00	24.81 -1.13 0.00	24.96 -1.14 0.00	25.11 -1.15 0.00	25.80 -1.11 0.00	28.85 -1.32 0.00	29.08 -1.66 0.00	33.86 -2.00 0.00	31.12 -2.00 0.00	28.26 -1.47 0.00	28.95 -1.47 0.00	27.02 -1.39 0.00	28.81 -1.56 0.00	31.61 -1.83 0.00	27.36 -1.69 0.00	30.39 -2.12 0.00	35.04 -2.05 0.00	41.02 -2.44 0.00	32.72 -1.96 0.00	23.94 -1.58 0.00	22.36 -1.50 0.00	22.44 -1.30 0.00	22.77 -1.20 0.00

BINGHAMTON___COGEN 23790	30.31 -0.33 0.00	26.76 -0.30 0.00	25.62 -0.31 0.00	25.78 -0.33 0.00	25.96 -0.30 0.00	26.60 -0.30 0.00	29.87 -0.30 0.00	30.43 -0.31 0.00	35.54 -0.32 0.00	32.77 -0.35 0.00	29.52 -0.21 0.00	30.18 -0.23 0.00	28.19 -0.22 0.00	30.10 -0.27 0.00	33.13 -0.32 0.00	28.77 -0.28 0.00	32.12 -0.39 0.00	36.71 -0.38 0.00	43.05 -0.42 0.00	34.33 -0.36 0.00	25.25 -0.27 0.00	23.59 -0.27 0.00	23.51 -0.23 0.00	23.73 -0.23 0.00
BIXINCNT_115KV_LOAD 355685	29.57 -1.07 0.00	26.20 -0.86 0.00	25.18 -0.75 0.00	25.40 -0.71 0.00	25.55 -0.72 0.00	26.30 -0.61 0.00	29.47 -0.69 0.00	29.78 -0.95 0.00	34.76 -1.10 0.00	32.02 -1.09 0.00	28.94 -0.79 0.00	29.37 -1.04 0.00	27.45 -0.96 0.00	29.35 -1.01 0.00	32.26 -1.18 0.00	27.87 -1.18 0.00	30.97 -1.54 0.00	35.73 -1.36 0.00	41.97 -1.50 0.00	33.41 -1.27 0.00	24.43 -1.09 0.00	22.83 -1.03 0.00	22.85 -0.89 0.00	23.15 -0.82 0.00
BLACK RIVER___HYD 24047	30.60 -0.04 0.00	26.98 -0.07 0.00	25.78 -0.15 0.00	25.88 -0.22 0.00	26.02 -0.25 0.00	26.66 -0.24 0.00	29.92 -0.25 0.00	30.47 -0.27 0.00	35.51 -0.34 0.00	32.87 -0.25 0.00	29.79 0.06 0.00	30.61 0.20 0.00	28.59 0.18 0.00	30.53 0.17 0.00	33.56 0.11 0.00	29.13 0.07 0.00	32.76 0.25 0.00	37.19 0.10 0.00	43.20 -0.26 0.00	33.97 -0.71 0.00	25.19 -0.33 0.00	23.68 -0.17 0.00	23.47 -0.27 0.00	23.31 -0.66 0.00
BLACKRVR_115KV_TB2 79977	30.59 -0.04 0.00	26.98 -0.07 0.00	25.78 -0.15 0.00	25.89 -0.22 0.00	26.01 -0.25 0.00	26.66 -0.24 0.00	29.92 -0.25 0.00	30.47 -0.27 0.00	35.51 -0.34 0.00	32.87 -0.25 0.00	29.79 0.06 0.00	30.61 0.20 0.00	28.59 0.18 0.00	30.53 0.17 0.00	33.55 0.11 0.00	29.12 0.07 0.00	32.77 0.26 0.00	37.19 0.10 0.00	43.20 -0.26 0.00	33.97 -0.71 0.00	25.19 -0.33 0.00	23.68 -0.18 0.00	23.47 -0.27 0.00	23.31 -0.66 0.00
BLISS_WT_PWR 323608	29.17 -1.10 0.37	26.17 -0.89 0.00	25.14 -0.79 0.00	25.37 -0.74 0.00	25.51 -0.75 0.00	25.11 -0.62 1.17	29.06 -0.71 0.40	29.58 -0.95 0.20	34.77 -1.08 0.00	32.06 -1.05 0.00	29.00 -0.73 0.00	29.34 -1.07 0.00	27.43 -0.98 0.00	29.36 -1.01 0.00	32.27 -1.17 0.00	27.87 -1.18 0.00	30.95 -1.56 0.00	35.74 -1.34 0.00	41.99 -1.47 0.00	33.43 -1.25 0.00	24.44 -1.08 0.00	22.82 -1.03 0.00	22.82 -0.92 0.00	23.12 -0.85 0.00
BLUESTONE___WT_PWR 323821	30.99 0.29 -0.05	27.32 0.26 0.00	26.17 0.24 0.00	26.47 0.37 0.00	26.77 0.51 0.00	27.72 0.64 -0.17	30.89 0.67 -0.06	31.51 0.74 -0.03	36.66 0.80 0.00	34.06 0.94 0.00	30.65 0.92 0.00	31.52 1.10 0.00	29.60 1.19 0.00	31.64 1.27 0.00	34.80 1.36 0.00	29.87 0.82 0.00	32.81 0.30 0.00	37.46 0.38 0.00	44.22 0.76 0.00	35.49 0.80 0.00	25.65 0.13 0.00	24.04 0.18 0.00	24.29 0.54 0.00	24.09 0.13 0.00
BLUE_CIRC_CHEM_DRP 24182	31.39 0.76 0.00	27.72 0.66 0.00	26.56 0.63 0.00	26.73 0.63 0.00	26.88 0.62 0.00	27.55 0.64 0.00	30.88 0.72 0.00	31.42 0.68 0.00	36.58 0.73 0.00	33.83 0.72 0.00	30.28 0.55 0.00	30.95 0.54 0.00	28.91 0.50 0.00	30.91 0.55 0.00	34.07 0.63 0.00	29.63 0.58 0.00	33.24 0.73 0.00	37.91 0.82 0.00	44.33 0.87 0.00	35.40 0.72 0.00	26.05 0.53 0.00	24.37 0.52 0.00	24.21 0.48 0.00	24.40 0.44 0.00
BOC_GAS_DRP 24189	31.21 0.57 0.00	27.53 0.48 0.00	26.37 0.43 0.00	26.53 0.42 0.00	26.69 0.42 0.00	27.34 0.43 0.00	30.66 0.49 0.00	31.21 0.47 0.00	36.37 0.52 0.00	33.63 0.51 0.00	30.10 0.37 0.00	30.76 0.35 0.00	28.72 0.31 0.00	30.71 0.34 0.00	33.87 0.42 0.00	29.45 0.40 0.00	33.03 0.51 0.00	37.68 0.59 0.00	44.09 0.63 0.00	35.22 0.53 0.00	25.92 0.40 0.00	24.24 0.39 0.00	24.09 0.35 0.00	24.28 0.31 0.00
BOONVILLE_115KV_TB1 79983	31.20 0.56 0.00	27.54 0.48 0.00	26.33 0.41 0.00	26.51 0.40 0.00	26.66 0.40 0.00	27.33 0.43 0.00	30.68 0.52 0.00	31.27 0.53 0.00	36.45 0.59 0.00	33.75 0.63 0.00	30.42 0.69 0.00	31.19 0.78 0.00	29.12 0.71 0.00	31.13 0.77 0.00	34.27 0.83 0.00	29.75 0.69 0.00	33.35 0.84 0.00	37.92 0.83 0.00	44.23 0.77 0.00	35.12 0.44 0.00	25.92 0.40 0.00	24.25 0.40 0.00	24.09 0.35 0.00	24.12 0.15 0.00
BORALEX_4TH_BRANCH 23824	32.22 1.58 0.00	28.34 1.29 0.00	27.14 1.20 0.00	27.33 1.22 0.00	27.44 1.18 0.00	28.11 1.20 0.00	31.57 1.41 0.00	32.11 1.38 0.00	37.36 1.51 0.00	34.46 1.35 0.00	30.83 1.10 0.00	31.48 1.07 0.00	29.41 0.99 0.00	31.51 1.15 0.00	34.85 1.41 0.00	30.28 1.23 0.00	33.95 1.44 0.00	38.71 1.63 0.00	45.17 1.71 0.00	36.16 1.47 0.00	26.62 1.11 0.00	24.88 1.02 0.00	24.69 0.95 0.00	24.86 0.90 0.00
BOWLINE___1 23526	31.92 1.29 0.00	28.11 1.05 0.00	26.84 0.91 0.00	26.99 0.89 0.00	27.20 0.94 0.00	27.84 0.93 0.00	31.26 1.09 0.00	31.91 1.18 0.00	37.23 1.38 0.00	34.40 1.28 0.00	30.74 1.01 0.00	31.42 1.01 0.00	29.36 0.94 0.00	31.34 0.98 0.00	34.53 1.09 0.00	30.07 1.02 0.00	33.78 1.27 0.00	38.57 1.48 0.00	45.17 1.71 0.00	36.09 1.40 0.00	26.57 1.05 0.00	24.85 0.99 0.00	24.70 0.96 0.00	24.87 0.90 0.00
BOWLINE___2 23595	31.92 1.29 0.00	28.11 1.05 0.00	26.84 0.91 0.00	26.99 0.89 0.00	27.20 0.94 0.00	27.84 0.93 0.00	31.26 1.09 0.00	31.91 1.18 0.00	37.23 1.38 0.00	34.40 1.28 0.00	30.74 1.01 0.00	31.42 1.01 0.00	29.36 0.94 0.00	31.34 0.98 0.00	34.53 1.09 0.00	30.07 1.02 0.00	33.78 1.27 0.00	38.58 1.49 0.00	45.17 1.71 0.00	36.09 1.40 0.00	26.57 1.05 0.00	24.85 0.99 0.00	24.70 0.96 0.00	24.87 0.90 0.00
BRADY___115KV_TB2 356060	31.54 0.90 0.00	27.88 0.82 0.00	26.76 0.83 0.00	26.99 0.88 0.00	27.14 0.87 0.00	27.75 0.85 0.00	31.02 0.86 0.00	31.62 0.88 0.00	36.90 1.05 0.00	34.04 0.92 0.00	30.61 0.88 0.00	31.33 0.92 0.00	29.28 0.87 0.00	31.31 0.95 0.00	34.45 1.01 0.00	29.92 0.87 0.00	33.43 0.92 0.00	38.12 1.03 0.00	44.74 1.28 0.00	35.68 1.00 0.00	26.20 0.68 0.00	24.46 0.61 0.00	24.35 0.61 0.00	24.51 0.54 0.00
BRANSCOMB___SOLAR 323811	31.86 1.22 0.00	28.07 1.01 0.00	26.87 0.93 0.00	27.05 0.94 0.00	27.18 0.92 0.00	27.93 1.02 0.00	31.54 1.37 0.00	32.15 1.41 0.00	37.48 1.63 0.00	34.63 1.52 0.00	31.04 1.31 0.00	31.79 1.38 0.00	29.70 1.29 0.00	31.73 1.37 0.00	35.04 1.59 0.00	30.49 1.43 0.00	34.27 1.76 0.00	39.06 1.97 0.00	45.53 2.07 0.00	36.38 1.70 0.00	26.75 1.23 0.00	24.98 1.12 0.00	24.78 1.04 0.00	24.94 0.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	89.91 2.70 -56.57	29.27 2.21 0.00	27.83 1.90 0.00	28.10 1.99 0.00	28.35 2.08 0.00	28.89 1.99 0.00	32.45 2.29 0.00	33.26 2.53 0.00	47.13 2.98 -8.30	41.35 2.71 -5.53	97.20 2.39 -65.08	37.35 2.37 -4.57	37.16 2.18 -6.58	34.36 2.30 -1.69	37.31 2.51 -1.35	33.62 2.29 -2.28	38.56 2.63 -3.42	40.12 3.03 0.00	48.63 3.64 -1.53	72.05 2.96 -34.40	27.70 2.18 0.00	25.91 2.05 0.00	25.68 1.94 0.00	25.86 1.89 0.00



BRISTLHL_115KV_TB1 79998	29.60 -1.04 0.00	26.17 -0.89 0.00	25.09 -0.84 0.00	25.23 -0.88 0.00	25.38 -0.88 0.00	26.02 -0.88 0.00	29.19 -0.97 0.00	29.75 -0.99 0.00	34.69 -1.16 0.00	32.07 -1.05 0.00	28.85 -0.88 0.00	29.50 -0.91 0.00	27.54 -0.87 0.00	29.45 -0.91 0.00	32.43 -1.02 0.00	28.15 -0.90 0.00	31.51 -1.00 0.00	35.99 -1.10 0.00	42.13 -1.33 0.00	33.61 -1.08 0.00	24.74 -0.77 0.00	23.13 -0.72 0.00	23.02 -0.72 0.00	23.31 -0.66 0.00
BROOKHAVEN___DRP 24191	89.90 2.69 -56.57	29.27 2.22 0.00	27.89 1.95 0.00	28.16 2.05 0.00	28.40 2.14 0.00	28.97 2.07 0.00	32.50 2.34 0.00	33.32 2.58 0.00	47.18 3.03 -8.30	41.29 2.65 -5.53	97.21 2.40 -65.08	37.40 2.42 -4.57	37.17 2.18 -6.58	34.38 2.32 -1.69	37.34 2.55 -1.35	33.66 2.33 -2.28	38.61 2.68 -3.42	40.17 3.08 0.00	48.70 3.71 -1.53	72.10 3.01 -34.40	27.73 2.22 0.00	25.99 2.14 0.00	25.75 2.01 0.00	25.90 1.93 0.00
BROOKLYN_NAVY_YARD 23515	32.21 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.15 1.04 0.00	27.36 1.09 0.00	28.03 1.12 0.00	31.44 1.28 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.66 1.55 0.00	30.97 1.24 0.00	31.67 1.26 0.00	29.56 1.15 0.00	31.56 1.19 0.00	34.76 1.31 0.00	30.29 1.23 0.00	34.01 1.50 0.00	38.82 1.73 0.00	45.44 1.98 0.00	36.37 1.68 0.00	26.79 1.27 0.00	25.12 1.26 0.00	24.93 1.19 0.00	25.05 1.08 0.00
BROOKLYN___ARMY_DRP 323595	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
BROOKVLE_69_KV_TB1 55790	89.41 2.20 -56.57	28.91 1.85 0.00	27.52 1.59 0.00	27.73 1.62 0.00	27.96 1.70 0.00	28.55 1.65 0.00	32.07 1.91 0.00	32.83 2.10 0.00	46.63 2.47 -8.30	41.00 2.36 -5.53	96.81 2.00 -65.08	37.01 2.03 -4.57	36.85 1.87 -6.58	34.01 1.96 -1.69	36.94 2.15 -1.35	33.28 1.95 -2.28	38.14 2.20 -3.42	39.63 2.54 0.00	47.97 2.98 -1.53	71.54 2.46 -34.40	27.40 1.89 0.00	25.62 1.76 0.00	25.43 1.69 0.00	25.59 1.62 0.00
BROOME_2_LFGE 323671	30.37 -0.33 -0.06	26.76 -0.30 0.00	25.62 -0.31 0.00	25.78 -0.33 0.00	25.96 -0.30 0.00	26.80 -0.30 -0.19	29.93 -0.30 -0.06	30.46 -0.31 -0.03	35.53 -0.32 0.00	32.77 -0.35 0.00	29.53 -0.21 0.00	30.18 -0.23 0.00	28.19 -0.22 0.00	30.09 -0.27 0.00	33.13 -0.32 0.00	28.77 -0.28 0.00	32.12 -0.39 0.00	36.71 -0.37 0.00	43.04 -0.42 0.00	34.33 -0.36 0.00	25.25 -0.27 0.00	23.59 -0.26 0.00	23.51 -0.23 0.00	23.73 -0.23 0.00
BROOME___LFGE 323600	30.37 -0.33 -0.06	26.76 -0.30 0.00	25.62 -0.31 0.00	25.78 -0.33 0.00	25.96 -0.30 0.00	26.80 -0.30 -0.19	29.93 -0.30 -0.06	30.46 -0.31 -0.03	35.53 -0.32 0.00	32.77 -0.35 0.00	29.53 -0.21 0.00	30.18 -0.23 0.00	28.19 -0.22 0.00	30.09 -0.27 0.00	33.13 -0.32 0.00	28.77 -0.28 0.00	32.12 -0.39 0.00	36.71 -0.37 0.00	43.04 -0.42 0.00	34.33 -0.36 0.00	25.25 -0.27 0.00	23.59 -0.26 0.00	23.51 -0.23 0.00	23.73 -0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	30.52 -0.11 0.00	26.95 -0.10 0.00	25.80 -0.13 0.00	26.00 -0.10 0.00	26.14 -0.13 0.00	26.75 -0.15 0.00	29.95 -0.22 0.00	30.50 -0.24 0.00	35.54 -0.31 0.00	32.88 -0.24 0.00	29.69 -0.04 0.00	30.46 0.05 0.00	28.47 0.06 0.00	30.42 0.05 0.00	33.44 0.00 0.00	29.03 -0.02 0.00	32.52 0.02 0.00	36.96 -0.13 0.00	43.17 -0.30 0.00	34.21 -0.48 0.00	25.25 -0.26 0.00	23.65 -0.21 0.00	23.50 -0.24 0.00	23.48 -0.49 0.00
BROWNSV1_27_KV_LOAD 356125	32.51 1.88 0.00	28.59 1.53 0.00	27.25 1.32 0.00	27.38 1.27 0.00	27.59 1.33 0.00	28.27 1.37 0.00	31.73 1.57 0.00	32.42 1.68 0.00	37.85 2.00 0.00	35.05 1.93 0.00	31.34 1.61 0.00	32.02 1.61 0.00	29.90 1.49 0.00	31.90 1.54 0.00	35.14 1.70 0.00	30.61 1.56 0.00	34.38 1.87 0.00	39.25 2.17 0.00	45.95 2.49 0.00	36.75 2.07 0.00	27.07 1.56 0.00	25.37 1.51 0.00	25.17 1.43 0.00	25.30 1.34 0.00
BURROWS___LYONSDAL 23803	31.09 0.45 0.00	27.45 0.40 0.00	26.24 0.31 0.00	26.42 0.31 0.00	26.56 0.30 0.00	27.23 0.33 0.00	30.55 0.38 0.00	31.11 0.37 0.00	36.25 0.39 0.00	33.57 0.46 0.00	30.32 0.59 0.00	31.10 0.69 0.00	29.04 0.63 0.00	31.04 0.68 0.00	34.15 0.70 0.00	29.65 0.59 0.00	33.25 0.74 0.00	37.76 0.67 0.00	44.02 0.56 0.00	34.88 0.19 0.00	25.78 0.27 0.00	24.14 0.28 0.00	23.99 0.25 0.00	23.95 -0.02 0.00
CAITHNESS_CC_1 323624	89.81 2.60 -56.57	29.20 2.14 0.00	27.80 1.87 0.00	28.08 1.97 0.00	28.32 2.06 0.00	28.87 1.97 0.00	32.39 2.23 0.00	33.21 2.47 0.00	47.05 2.90 -8.30	41.19 2.55 -5.53	97.10 2.29 -65.08	37.28 2.30 -4.57	37.08 2.10 -6.58	34.28 2.22 -1.69	37.23 2.44 -1.35	33.56 2.24 -2.28	38.50 2.57 -3.42	40.03 2.94 0.00	48.55 3.56 -1.53	71.97 2.88 -34.40	27.64 2.12 0.00	25.90 2.04 0.00	25.66 1.92 0.00	25.83 1.86 0.00
CALPINE BETH_PAGE_GT4 24209	89.33 2.12 -56.57	28.79 1.73 0.00	27.39 1.47 0.00	27.62 1.51 0.00	27.85 1.59 0.00	28.42 1.52 0.00	31.92 1.76 0.00	32.68 1.94 0.00	46.45 2.30 -8.30	40.84 2.19 -5.53	96.69 1.88 -65.08	36.91 1.93 -4.57	36.74 1.75 -6.58	33.87 1.81 -1.69	36.78 1.98 -1.35	33.15 1.82 -2.28	38.03 2.10 -3.42	39.48 2.39 0.00	47.82 2.83 -1.53	71.42 2.33 -34.40	27.28 1.77 0.00	25.50 1.65 0.00	25.35 1.61 0.00	25.51 1.54 0.00
CALPINE_BETH_PAGE_GT_4 323586	89.33 2.12 -56.57	28.79 1.73 0.00	27.39 1.47 0.00	27.62 1.52 0.00	27.86 1.59 0.00	28.42 1.52 0.00	31.92 1.76 0.00	32.68 1.94 0.00	46.44 2.29 -8.30	40.83 2.19 -5.53	96.68 1.87 -65.08	36.90 1.92 -4.57	36.73 1.75 -6.58	33.86 1.80 -1.69	36.77 1.97 -1.35	33.15 1.82 -2.28	38.03 2.10 -3.42	39.48 2.39 0.00	47.82 2.83 -1.53	71.42 2.33 -34.40	27.28 1.77 0.00	25.50 1.65 0.00	25.35 1.61 0.00	25.50 1.54 0.00
CALPINE_BP_GT1 23823	89.33 2.12 -56.57	28.79 1.73 0.00	27.39 1.47 0.00	27.62 1.52 0.00	27.86 1.59 0.00	28.42 1.52 0.00	31.92 1.76 0.00	32.68 1.94 0.00	46.44 2.29 -8.30	40.83 2.19 -5.53	96.68 1.87 -65.08	36.90 1.92 -4.57	36.73 1.75 -6.58	33.86 1.80 -1.69	36.77 1.97 -1.35	33.15 1.82 -2.28	38.03 2.10 -3.42	39.48 2.39 0.00	47.82 2.83 -1.53	71.42 2.33 -34.40	27.28 1.77 0.00	25.50 1.65 0.00	25.35 1.61 0.00	25.50 1.54 0.00
CALSPAN___DRP 24200	28.85 -1.79 0.00	25.59 -1.47 0.00	24.67 -1.26 0.00	24.81 -1.29 0.00	24.98 -1.29 0.00	25.64 -1.26 0.00	28.67 -1.50 0.00	28.89 -1.85 0.00	33.62 -2.23 0.00	30.90 -2.21 0.00	28.07 -1.66 0.00	28.76 -1.65 0.00	26.85 -1.57 0.00	28.62 -1.74 0.00	31.41 -2.04 0.00	27.18 -1.87 0.00	30.18 -2.33 0.00	34.78 -2.31 0.00	40.72 -2.74 0.00	32.48 -2.20 0.00	23.77 -1.74 0.00	22.20 -1.66 0.00	22.29 -1.45 0.00	22.62 -1.35 0.00

CALVERTON___SOLAR 323806	90.01 2.80 -56.57	29.38 2.32 0.00	27.99 2.06 0.00	28.28 2.17 0.00	28.52 2.26 0.00	29.08 2.18 0.00	32.63 2.47 0.00	33.46 2.72 0.00	47.33 3.18 -8.30	41.41 2.76 -5.53	97.30 2.49 -65.08	37.51 2.52 -4.57	37.26 2.28 -6.58	34.48 2.42 -1.69	37.46 2.66 -1.35	33.77 2.45 -2.28	38.75 2.82 -3.42	40.33 3.24 0.00	48.90 3.91 -1.53	72.24 3.16 -34.40	27.84 2.32 0.00	26.10 2.24 0.00	25.85 2.11 0.00	26.00 2.03 0.00
CANDIGU_WT_PWR 323617	29.44 -1.35 -0.16	25.86 -1.20 0.00	24.78 -1.15 0.00	24.93 -1.18 0.00	25.06 -1.20 0.00	26.19 -1.21 -0.50	29.01 -1.33 -0.17	29.41 -1.42 -0.09	34.37 -1.49 0.00	31.69 -1.43 0.00	28.81 -0.92 0.00	29.33 -1.08 0.00	27.36 -1.05 0.00	29.11 -1.25 0.00	32.03 -1.42 0.00	27.81 -1.25 0.00	30.59 -1.92 0.00	34.99 -2.10 0.00	40.97 -2.49 0.00	32.69 -2.00 0.00	23.98 -1.54 0.00	22.38 -1.48 0.00	22.39 -1.35 0.00	22.69 -1.28 0.00
CARR STREET_E_SYR 24060	29.69 -0.94 0.00	26.33 -0.73 0.00	25.32 -0.62 0.00	25.46 -0.64 0.00	25.61 -0.66 0.00	26.26 -0.65 0.00	29.45 -0.71 0.00	30.01 -0.72 0.00	35.01 -0.84 0.00	32.34 -0.78 0.00	29.09 -0.64 0.00	29.75 -0.66 0.00	27.78 -0.63 0.00	29.69 -0.67 0.00	32.69 -0.75 0.00	28.32 -0.73 0.00	31.57 -0.94 0.00	36.07 -1.02 0.00	42.23 -1.23 0.00	33.77 -0.92 0.00	24.94 -0.58 0.00	23.31 -0.54 0.00	23.21 -0.53 0.00	23.49 -0.47 0.00
CARTHAGE___PAPER 23857	30.93 0.29 0.00	27.30 0.24 0.00	26.07 0.14 0.00	26.21 0.11 0.00	26.34 0.08 0.00	27.00 0.10 0.00	30.27 0.11 0.00	30.82 0.08 0.00	35.90 0.05 0.00	33.25 0.14 0.00	30.14 0.41 0.00	30.95 0.54 0.00	28.91 0.51 0.00	30.89 0.53 0.00	33.96 0.51 0.00	29.47 0.42 0.00	33.12 0.61 0.00	37.57 0.48 0.00	43.69 0.23 0.00	34.42 -0.26 0.00	25.50 -0.01 0.00	23.95 0.10 0.00	23.76 0.02 0.00	23.60 -0.37 0.00
CASSADAGA_WT_PWR 323784	28.98 -1.31 0.35	25.97 -1.09 0.00	25.02 -0.91 0.00	25.13 -0.98 0.00	25.30 -0.97 0.00	24.93 -0.86 1.11	28.91 -0.88 0.37	29.37 -1.18 0.19	34.46 -1.39 0.00	31.45 -1.67 0.00	28.46 -1.27 0.00	29.09 -1.32 0.00	27.09 -1.32 0.00	28.99 -1.37 0.00	31.94 -1.50 0.00	27.48 -1.57 0.00	30.40 -2.10 0.00	35.09 -2.00 0.00	41.10 -2.36 0.00	32.90 -1.79 0.00	24.09 -1.42 0.00	22.54 -1.32 0.00	22.67 -1.07 0.00	23.05 -0.92 0.00
CE_DUNWOOD___DRP 24194	32.10 1.47 0.00	28.24 1.19 0.00	26.96 1.03 0.00	27.11 1.00 0.00	27.31 1.05 0.00	27.96 1.06 0.00	31.40 1.23 0.00	32.05 1.32 0.00	37.41 1.56 0.00	34.60 1.49 0.00	30.92 1.19 0.00	31.60 1.19 0.00	29.51 1.10 0.00	31.50 1.14 0.00	34.72 1.27 0.00	30.23 1.18 0.00	33.95 1.44 0.00	38.77 1.68 0.00	45.38 1.91 0.00	36.27 1.59 0.00	26.72 1.20 0.00	25.00 1.14 0.00	24.82 1.08 0.00	24.97 1.01 0.00
CE_MILLWOOD___DRP 24193	32.05 1.41 0.00	28.20 1.14 0.00	26.92 0.99 0.00	27.07 0.96 0.00	27.28 1.01 0.00	27.92 1.02 0.00	31.35 1.19 0.00	32.02 1.28 0.00	37.36 1.51 0.00	34.54 1.42 0.00	30.87 1.14 0.00	31.54 1.13 0.00	29.46 1.05 0.00	31.46 1.10 0.00	34.66 1.21 0.00	30.19 1.13 0.00	33.90 1.39 0.00	38.71 1.63 0.00	45.31 1.85 0.00	36.22 1.53 0.00	26.67 1.16 0.00	24.95 1.09 0.00	24.78 1.04 0.00	24.94 0.97 0.00
CE_NYC2_DRP 24202	32.25 1.61 0.00	28.37 1.31 0.00	27.06 1.13 0.00	27.18 1.07 0.00	27.38 1.12 0.00	28.06 1.16 0.00	31.48 1.32 0.00	32.15 1.42 0.00	37.53 1.68 0.00	34.74 1.62 0.00	31.05 1.32 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.60 1.24 0.00	34.82 1.37 0.00	30.35 1.30 0.00	34.03 1.52 0.00	38.87 1.78 0.00	45.50 2.04 0.00	36.44 1.76 0.00	26.82 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.07 1.10 0.00
CE_NYC_DRP 24195	32.20 1.57 0.00	28.33 1.28 0.00	27.00 1.07 0.00	27.14 1.03 0.00	27.35 1.09 0.00	28.03 1.13 0.00	31.46 1.29 0.00	32.13 1.39 0.00	37.51 1.66 0.00	34.72 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.19 0.00	31.59 1.23 0.00	34.80 1.36 0.00	30.32 1.27 0.00	34.04 1.53 0.00	38.86 1.77 0.00	45.49 2.03 0.00	36.40 1.71 0.00	26.81 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.07 1.11 0.00
CHAFFEE___LFGE 323603	28.60 -1.71 0.32	25.64 -1.42 0.00	24.71 -1.22 0.00	24.86 -1.25 0.00	25.01 -1.25 0.00	24.65 -1.22 1.03	28.37 -1.44 0.35	28.78 -1.78 0.18	33.73 -2.13 0.00	31.01 -2.11 0.00	28.19 -1.54 0.00	28.86 -1.55 0.00	26.94 -1.47 0.00	28.72 -1.64 0.00	31.51 -1.93 0.00	27.29 -1.77 0.00	30.31 -2.20 0.00	34.93 -2.16 0.00	40.90 -2.56 0.00	32.62 -2.06 0.00	23.89 -1.63 0.00	22.29 -1.57 0.00	22.36 -1.38 0.00	22.69 -1.28 0.00
CHATEAUG_35_KV_LOAD 355732	31.63 1.00 0.00	27.98 0.93 0.00	26.86 0.93 0.00	27.13 1.02 0.00	27.28 1.02 0.00	27.89 0.99 0.00	31.21 1.04 0.00	31.82 1.08 0.00	37.12 1.27 0.00	34.24 1.12 0.00	30.76 1.03 0.00	31.51 1.10 0.00	29.51 1.10 0.00	31.55 1.19 0.00	34.77 1.32 0.00	30.18 1.12 0.00	33.69 1.18 0.00	38.40 1.31 0.00	45.01 1.55 0.00	35.95 1.26 0.00	26.41 0.89 0.00	24.67 0.81 0.00	24.54 0.80 0.00	24.70 0.73 0.00
CHATEAUG_WT_PWR 323614	31.60 0.96 0.00	27.95 0.89 0.00	26.82 0.89 0.00	27.09 0.98 0.00	27.25 0.98 0.00	27.85 0.95 0.00	31.17 1.01 0.00	31.77 1.03 0.00	37.06 1.21 0.00	34.17 1.05 0.00	30.72 0.99 0.00	31.45 1.04 0.00	29.45 1.04 0.00	31.50 1.14 0.00	34.72 1.27 0.00	30.14 1.09 0.00	33.66 1.14 0.00	38.34 1.25 0.00	44.90 1.44 0.00	35.87 1.19 0.00	26.36 0.84 0.00	24.62 0.77 0.00	24.49 0.75 0.00	24.65 0.68 0.00
CHAT_HIGH_FALL_HYD 323578	31.63 1.00 0.00	27.98 0.93 0.00	26.86 0.93 0.00	27.13 1.02 0.00	27.28 1.02 0.00	27.89 0.99 0.00	31.21 1.04 0.00	31.82 1.08 0.00	37.12 1.27 0.00	34.24 1.12 0.00	30.76 1.03 0.00	31.51 1.10 0.00	29.51 1.10 0.00	31.55 1.19 0.00	34.77 1.32 0.00	30.18 1.12 0.00	33.69 1.18 0.00	38.40 1.31 0.00	45.01 1.54 0.00	35.95 1.26 0.00	26.41 0.89 0.00	24.67 0.81 0.00	24.54 0.80 0.00	24.70 0.73 0.00
CHAUTAUQUA___LFGE 323629	28.62 -1.70 0.32	25.64 -1.42 0.00	24.69 -1.24 0.00	24.80 -1.31 0.00	24.98 -1.28 0.00	24.65 -1.22 1.03	28.49 -1.32 0.35	28.97 -1.59 0.18	34.00 -1.85 0.00	31.06 -2.06 0.00	28.19 -1.54 0.00	28.86 -1.55 0.00	26.91 -1.50 0.00	28.76 -1.60 0.00	31.63 -1.82 0.00	27.32 -1.73 0.00	30.30 -2.21 0.00	34.89 -2.20 0.00	40.87 -2.59 0.00	32.64 -2.05 0.00	23.92 -1.59 0.00	22.34 -1.52 0.00	22.42 -1.31 0.00	22.77 -1.20 0.00
CHERRYST_13_KV_LD 356241	32.29 1.65 0.00	28.39 1.33 0.00	27.07 1.14 0.00	27.20 1.09 0.00	27.42 1.15 0.00	28.10 1.20 0.00	31.53 1.37 0.00	32.21 1.47 0.00	37.62 1.77 0.00	34.82 1.70 0.00	31.12 1.39 0.00	31.80 1.39 0.00	29.68 1.27 0.00	31.68 1.32 0.00	34.90 1.45 0.00	30.40 1.35 0.00	34.13 1.62 0.00	38.97 1.89 0.00	45.61 2.15 0.00	36.50 1.82 0.00	26.88 1.37 0.00	25.19 1.34 0.00	25.01 1.27 0.00	25.14 1.17 0.00

CHESTROR_138KV_BK263 355645	31.80 1.17 0.00	28.00 0.94 0.00	26.75 0.82 0.00	26.90 0.79 0.00	27.10 0.84 0.00	27.74 0.84 0.00	31.17 1.00 0.00	31.84 1.10 0.00	37.15 1.30 0.00	34.33 1.22 0.00	30.69 0.96 0.00	31.37 0.96 0.00	29.30 0.89 0.00	31.29 0.92 0.00	34.47 1.03 0.00	30.01 0.96 0.00	33.70 1.19 0.00	38.50 1.41 0.00	45.05 1.59 0.00	35.95 1.27 0.00	26.47 0.95 0.00	24.76 0.90 0.00	24.60 0.86 0.00	24.77 0.80 0.00
CH_MIDHUDSON___DRP 24192	32.16 1.52 0.00	28.29 1.24 0.00	27.02 1.09 0.00	27.18 1.07 0.00	27.37 1.10 0.00	28.01 1.11 0.00	31.47 1.31 0.00	32.11 1.37 0.00	37.46 1.61 0.00	34.66 1.54 0.00	30.97 1.24 0.00	31.64 1.23 0.00	29.53 1.12 0.00	31.55 1.19 0.00	34.77 1.32 0.00	30.28 1.22 0.00	34.03 1.52 0.00	38.87 1.78 0.00	45.45 1.99 0.00	36.31 1.62 0.00	26.73 1.21 0.00	24.99 1.14 0.00	24.81 1.08 0.00	24.98 1.01 0.00
CH_MISC_IPPS 23765	32.33 1.69 0.00	28.44 1.38 0.00	27.16 1.23 0.00	27.33 1.22 0.00	27.52 1.26 0.00	28.17 1.27 0.00	31.66 1.50 0.00	32.32 1.59 0.00	37.72 1.88 0.00	34.89 1.78 0.00	31.19 1.46 0.00	31.87 1.46 0.00	29.74 1.34 0.00	31.77 1.41 0.00	35.00 1.56 0.00	30.49 1.44 0.00	34.26 1.75 0.00	39.16 2.07 0.00	45.79 2.33 0.00	36.56 1.88 0.00	26.92 1.40 0.00	25.16 1.31 0.00	24.98 1.24 0.00	25.13 1.16 0.00
CH_RES_BVR_FALLS 23983	30.51 -0.13 0.00	27.01 -0.05 0.00	25.92 -0.02 0.00	26.08 -0.03 0.00	26.28 0.02 0.00	26.93 0.03 0.00	30.19 0.03 0.00	30.77 0.03 0.00	35.89 0.04 0.00	33.15 0.03 0.00	29.78 0.05 0.00	30.48 0.07 0.00	28.50 0.09 0.00	30.51 0.14 0.00	33.57 0.13 0.00	29.13 0.08 0.00	32.60 0.09 0.00	37.11 0.02 0.00	43.41 -0.05 0.00	34.57 -0.12 0.00	25.43 -0.08 0.00	23.75 -0.11 0.00	23.65 -0.09 0.00	23.84 -0.12 0.00
CH_RES_NIAGARA 23895	27.48 -2.91 0.25	24.64 -2.42 0.00	23.82 -2.11 0.00	23.97 -2.13 0.00	24.12 -2.15 0.00	24.00 -2.12 0.79	27.31 -2.59 0.27	27.55 -3.05 0.13	32.17 -3.68 0.00	29.57 -3.54 0.00	26.90 -2.83 0.00	27.61 -2.79 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.35 0.00	26.07 -2.98 0.00	28.92 -3.59 0.00	33.34 -3.74 0.00	38.88 -4.58 0.00	31.01 -3.68 0.00	22.70 -2.82 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
CH_RES_SYRACUSE 23985	30.04 -0.60 0.00	26.54 -0.52 0.00	25.47 -0.47 0.00	25.62 -0.49 0.00	25.75 -0.52 0.00	26.40 -0.51 0.00	29.61 -0.56 0.00	30.18 -0.55 0.00	35.22 -0.63 0.00	32.52 -0.59 0.00	29.25 -0.48 0.00	29.92 -0.48 0.00	27.94 -0.47 0.00	29.87 -0.49 0.00	32.91 -0.54 0.00	28.56 -0.49 0.00	31.95 -0.56 0.00	36.49 -0.59 0.00	42.73 -0.73 0.00	34.10 -0.58 0.00	25.11 -0.41 0.00	23.46 -0.40 0.00	23.35 -0.39 0.00	23.64 -0.33 0.00
CLINTON_WT_PWR 323605	31.60 0.96 0.00	27.95 0.89 0.00	26.82 0.89 0.00	27.09 0.98 0.00	27.25 0.98 0.00	27.85 0.95 0.00	31.17 1.01 0.00	31.77 1.03 0.00	37.06 1.21 0.00	34.17 1.05 0.00	30.72 0.99 0.00	31.45 1.04 0.00	29.45 1.04 0.00	31.50 1.14 0.00	34.72 1.27 0.00	30.14 1.09 0.00	33.66 1.14 0.00	38.34 1.25 0.00	44.90 1.44 0.00	35.87 1.19 0.00	26.36 0.84 0.00	24.62 0.77 0.00	24.49 0.75 0.00	24.65 0.68 0.00
CLINTON___LFGE 323618	32.16 1.53 0.00	28.44 1.38 0.00	27.28 1.35 0.00	27.57 1.47 0.00	27.73 1.47 0.00	28.34 1.43 0.00	31.74 1.58 0.00	32.36 1.62 0.00	37.76 1.91 0.00	34.80 1.68 0.00	31.29 1.56 0.00	32.03 1.62 0.00	29.99 1.58 0.00	32.09 1.73 0.00	35.40 1.95 0.00	30.73 1.68 0.00	34.33 1.82 0.00	39.11 2.02 0.00	45.74 2.28 0.00	36.57 1.88 0.00	26.86 1.35 0.00	25.08 1.22 0.00	24.91 1.17 0.00	25.04 1.08 0.00
COBBLENY_34_KV_TB1 80064	28.92 -1.72 0.00	25.64 -1.42 0.00	24.71 -1.22 0.00	24.86 -1.25 0.00	25.01 -1.25 0.00	25.69 -1.22 0.00	28.72 -1.44 0.00	28.96 -1.78 0.00	33.73 -2.13 0.00	31.01 -2.11 0.00	28.16 -1.57 0.00	28.85 -1.56 0.00	26.94 -1.47 0.00	28.72 -1.64 0.00	31.51 -1.93 0.00	27.28 -1.77 0.00	30.31 -2.20 0.00	34.93 -2.16 0.00	40.90 -2.56 0.00	32.62 -2.06 0.00	23.87 -1.64 0.00	22.29 -1.57 0.00	22.36 -1.38 0.00	22.69 -1.28 0.00
COFFEEN___115KV_TB3 355620	30.71 0.07 0.00	27.09 0.03 0.00	25.86 -0.07 0.00	25.97 -0.14 0.00	26.11 -0.16 0.00	26.76 -0.14 0.00	30.03 -0.13 0.00	30.61 -0.13 0.00	35.68 -0.17 0.00	33.02 -0.10 0.00	29.93 0.20 0.00	30.74 0.32 0.00	28.72 0.31 0.00	30.66 0.30 0.00	33.71 0.26 0.00	29.25 0.20 0.00	32.92 0.41 0.00	37.39 0.30 0.00	43.43 -0.03 0.00	34.18 -0.51 0.00	25.32 -0.20 0.00	23.78 -0.07 0.00	23.56 -0.18 0.00	23.40 -0.57 0.00
COLDSPRG_115KV_BK1 355956	30.03 -0.60 0.00	26.59 -0.47 0.00	25.59 -0.34 0.00	25.73 -0.38 0.00	25.90 -0.36 0.00	26.62 -0.28 0.00	29.92 -0.25 0.00	30.30 -0.44 0.00	35.35 -0.50 0.00	32.37 -0.75 0.00	29.26 -0.47 0.00	29.92 -0.49 0.00	27.91 -0.50 0.00	29.79 -0.57 0.00	32.75 -0.69 0.00	28.29 -0.76 0.00	31.41 -1.10 0.00	36.19 -0.90 0.00	42.42 -1.04 0.00	33.86 -0.82 0.00	24.80 -0.71 0.00	23.22 -0.64 0.00	23.33 -0.41 0.00	23.64 -0.33 0.00
COLONIE_LFGE___ 323577	31.65 1.01 0.00	27.89 0.83 0.00	26.71 0.78 0.00	26.88 0.78 0.00	27.01 0.75 0.00	27.70 0.79 0.00	31.13 0.96 0.00	31.68 0.94 0.00	36.91 1.06 0.00	34.11 0.99 0.00	30.53 0.80 0.00	31.20 0.79 0.00	29.15 0.73 0.00	31.18 0.81 0.00	34.42 0.97 0.00	29.94 0.88 0.00	33.61 1.10 0.00	38.33 1.24 0.00	44.76 1.30 0.00	35.77 1.09 0.00	26.32 0.80 0.00	24.60 0.74 0.00	24.42 0.69 0.00	24.60 0.63 0.00
COOPERNY_115KV_TB1 80082	31.47 0.84 0.00	27.72 0.67 0.00	26.51 0.58 0.00	26.66 0.56 0.00	26.85 0.59 0.00	27.50 0.60 0.00	30.89 0.72 0.00	31.56 0.82 0.00	36.82 0.96 0.00	34.02 0.90 0.00	30.44 0.71 0.00	31.12 0.71 0.00	29.06 0.65 0.00	31.04 0.68 0.00	34.20 0.75 0.00	29.75 0.70 0.00	33.37 0.87 0.00	38.11 1.02 0.00	44.62 1.16 0.00	35.58 0.90 0.00	26.19 0.67 0.00	24.49 0.64 0.00	24.35 0.61 0.00	24.54 0.57 0.00
COPENHAGEN_WT_PWR 323753	30.45 -0.18 0.00	26.86 -0.20 0.00	25.66 -0.27 0.00	25.75 -0.35 0.00	25.88 -0.39 0.00	26.50 -0.40 0.00	29.75 -0.42 0.00	30.28 -0.45 0.00	35.28 -0.57 0.00	32.65 -0.46 0.00	29.62 -0.11 0.00	30.46 0.04 0.00	28.44 0.03 0.00	30.37 0.01 0.00	33.37 -0.08 0.00	28.96 -0.09 0.00	32.59 0.08 0.00	36.97 -0.12 0.00	42.89 -0.58 0.00	33.67 -1.01 0.00	25.00 -0.52 0.00	23.55 -0.31 0.00	23.33 -0.41 0.00	23.14 -0.82 0.00
CORNELL_____ 23752	30.78 0.14 0.00	27.16 0.11 0.00	26.03 0.10 0.00	26.20 0.09 0.00	26.35 0.08 0.00	27.02 0.11 0.00	30.35 0.19 0.00	30.97 0.23 0.00	36.16 0.31 0.00	33.39 0.27 0.00	30.06 0.33 0.00	30.70 0.30 0.00	28.68 0.27 0.00	30.63 0.27 0.00	33.74 0.30 0.00	29.29 0.24 0.00	32.75 0.23 0.00	37.44 0.35 0.00	43.87 0.41 0.00	34.99 0.31 0.00	25.71 0.19 0.00	24.01 0.15 0.00	23.89 0.16 0.00	24.13 0.16 0.00

CORONA__69_KV_TB1 355595	89.32 2.11 -56.57	28.80 1.74 0.00	27.42 1.49 0.00	27.61 1.50 0.00	27.84 1.57 0.00	28.42 1.52 0.00	31.93 1.77 0.00	32.65 1.92 0.00	46.43 2.28 -8.30	40.83 2.19 -5.53	96.64 1.83 -65.08	36.84 1.86 -4.57	36.71 1.73 -6.58	33.86 1.80 -1.69	36.79 1.99 -1.35	33.13 1.81 -2.28	37.99 2.06 -3.42	39.42 2.34 0.00	47.74 2.75 -1.53	71.43 2.34 -34.40	27.27 1.76 0.00	25.50 1.64 0.00	25.32 1.58 0.00	25.47 1.51 0.00
CORTLAND__115KV_TB3 80093	30.56 -0.08 0.00	26.98 -0.07 0.00	25.85 -0.08 0.00	26.01 -0.09 0.00	26.17 -0.10 0.00	26.83 -0.07 0.00	30.13 -0.03 0.00	30.73 -0.01 0.00	35.88 0.03 0.00	33.13 0.01 0.00	29.80 0.07 0.00	30.47 0.06 0.00	28.47 0.06 0.00	30.42 0.06 0.00	33.50 0.05 0.00	29.08 0.03 0.00	32.53 0.02 0.00	37.14 0.06 0.00	43.50 0.04 0.00	34.71 0.02 0.00	25.53 0.01 0.00	23.84 -0.01 0.00	23.73 -0.01 0.00	23.96 0.00 0.00
COXSACKIE__GT 23611	32.99 2.35 0.00	29.13 2.07 0.00	27.92 1.99 0.00	28.08 1.97 0.00	28.22 1.95 0.00	28.97 2.07 0.00	32.53 2.36 0.00	33.14 2.40 0.00	38.59 2.74 0.00	35.73 2.61 0.00	32.07 2.33 0.00	32.83 2.43 0.00	30.62 2.21 0.00	32.67 2.31 0.00	36.01 2.57 0.00	31.35 2.29 0.00	35.30 2.79 0.00	40.37 3.28 0.00	47.12 3.66 0.00	37.50 2.81 0.00	27.53 2.01 0.00	25.69 1.83 0.00	25.42 1.68 0.00	25.53 1.56 0.00
CPV_VALLEY__CC1 323721	31.55 0.91 0.00	27.79 0.73 0.00	26.55 0.62 0.00	26.71 0.60 0.00	26.91 0.65 0.00	27.54 0.63 0.00	30.95 0.78 0.00	31.65 0.92 0.00	36.92 1.07 0.00	34.12 1.00 0.00	30.51 0.77 0.00	31.18 0.77 0.00	29.12 0.71 0.00	31.11 0.74 0.00	34.28 0.84 0.00	29.83 0.78 0.00	33.49 0.98 0.00	38.24 1.15 0.00	44.76 1.30 0.00	35.66 0.97 0.00	26.25 0.73 0.00	24.56 0.70 0.00	24.41 0.67 0.00	24.59 0.62 0.00
CPV_VALLEY__CC2 323722	31.55 0.91 0.00	27.79 0.73 0.00	26.55 0.62 0.00	26.71 0.60 0.00	26.91 0.65 0.00	27.54 0.63 0.00	30.95 0.78 0.00	31.65 0.92 0.00	36.92 1.07 0.00	34.12 1.00 0.00	30.51 0.77 0.00	31.18 0.77 0.00	29.12 0.71 0.00	31.11 0.74 0.00	34.28 0.84 0.00	29.83 0.78 0.00	33.49 0.98 0.00	38.24 1.15 0.00	44.76 1.30 0.00	35.66 0.97 0.00	26.25 0.73 0.00	24.56 0.70 0.00	24.41 0.67 0.00	24.59 0.62 0.00
CRESCENT__HYD 24018	31.65 1.01 0.00	27.89 0.83 0.00	26.71 0.78 0.00	26.88 0.78 0.00	27.01 0.75 0.00	27.70 0.79 0.00	31.13 0.96 0.00	31.68 0.94 0.00	36.91 1.06 0.00	34.11 0.99 0.00	30.53 0.80 0.00	31.20 0.79 0.00	29.15 0.73 0.00	31.18 0.81 0.00	34.42 0.97 0.00	29.94 0.88 0.00	33.61 1.10 0.00	38.33 1.24 0.00	44.76 1.30 0.00	35.77 1.09 0.00	26.32 0.80 0.00	24.60 0.74 0.00	24.42 0.69 0.00	24.60 0.63 0.00
CRICKET__VALLEY_CC1 323756	31.93 1.30 0.00	28.07 1.02 0.00	26.82 0.89 0.00	27.00 0.90 0.00	27.17 0.90 0.00	27.78 0.88 0.00	31.21 1.04 0.00	31.76 1.02 0.00	37.02 1.17 0.00	34.27 1.15 0.00	30.56 0.83 0.00	31.19 0.78 0.00	29.10 0.69 0.00	31.11 0.75 0.00	34.32 0.87 0.00	29.90 0.84 0.00	33.63 1.12 0.00	38.44 1.35 0.00	44.84 1.38 0.00	35.83 1.15 0.00	26.38 0.86 0.00	24.67 0.82 0.00	24.51 0.77 0.00	24.70 0.73 0.00
CRICKET__VALLEY_CC2 323757	31.93 1.30 0.00	28.07 1.02 0.00	26.82 0.89 0.00	27.00 0.90 0.00	27.17 0.90 0.00	27.78 0.88 0.00	31.21 1.04 0.00	31.76 1.02 0.00	37.02 1.17 0.00	34.27 1.15 0.00	30.56 0.83 0.00	31.19 0.78 0.00	29.10 0.69 0.00	31.11 0.75 0.00	34.32 0.87 0.00	29.90 0.84 0.00	33.63 1.12 0.00	38.44 1.35 0.00	44.84 1.38 0.00	35.83 1.15 0.00	26.38 0.86 0.00	24.67 0.82 0.00	24.51 0.77 0.00	24.70 0.73 0.00
CRICKET__VALLEY_CC3 323758	31.93 1.30 0.00	28.07 1.02 0.00	26.82 0.89 0.00	27.00 0.90 0.00	27.17 0.90 0.00	27.78 0.88 0.00	31.21 1.04 0.00	31.76 1.02 0.00	37.02 1.17 0.00	34.27 1.15 0.00	30.56 0.83 0.00	31.19 0.78 0.00	29.10 0.69 0.00	31.11 0.75 0.00	34.32 0.87 0.00	29.90 0.84 0.00	33.63 1.12 0.00	38.44 1.35 0.00	44.84 1.38 0.00	35.83 1.15 0.00	26.38 0.86 0.00	24.67 0.82 0.00	24.51 0.77 0.00	24.70 0.73 0.00
CRUCIBLE__METL_DRP 24180	30.04 -0.60 0.00	26.54 -0.52 0.00	25.46 -0.47 0.00	25.62 -0.48 0.00	25.75 -0.51 0.00	26.39 -0.51 0.00	29.61 -0.55 0.00	30.18 -0.56 0.00	35.22 -0.63 0.00	32.52 -0.59 0.00	29.25 -0.47 0.00	29.92 -0.49 0.00	27.94 -0.47 0.00	29.88 -0.49 0.00	32.90 -0.54 0.00	28.56 -0.49 0.00	31.95 -0.56 0.00	36.49 -0.59 0.00	42.73 -0.73 0.00	34.10 -0.58 0.00	25.11 -0.41 0.00	23.46 -0.40 0.00	23.35 -0.39 0.00	23.64 -0.33 0.00
DAHOWA__HYDRO 323763	31.91 1.27 0.00	28.10 1.04 0.00	26.90 0.97 0.00	27.09 0.98 0.00	27.21 0.95 0.00	27.97 1.07 0.00	31.65 1.48 0.00	32.28 1.54 0.00	37.65 1.80 0.00	34.79 1.67 0.00	31.19 1.46 0.00	31.95 1.54 0.00	29.86 1.45 0.00	31.90 1.53 0.00	35.21 1.77 0.00	30.65 1.60 0.00	34.48 1.96 0.00	39.27 2.18 0.00	45.74 2.28 0.00	36.54 1.86 0.00	26.86 1.35 0.00	25.08 1.22 0.00	24.87 1.13 0.00	25.02 1.05 0.00
DANC__LFGE 323619	30.04 -0.60 0.00	26.52 -0.54 0.00	25.37 -0.56 0.00	25.48 -0.62 0.00	25.62 -0.65 0.00	26.25 -0.65 0.00	29.46 -0.71 0.00	30.00 -0.74 0.00	34.97 -0.88 0.00	32.35 -0.77 0.00	29.25 -0.48 0.00	30.01 -0.40 0.00	28.03 -0.38 0.00	29.94 -0.42 0.00	32.91 -0.53 0.00	28.57 -0.48 0.00	32.09 -0.43 0.00	36.50 -0.59 0.00	42.49 -0.97 0.00	33.57 -1.12 0.00	24.84 -0.68 0.00	23.32 -0.53 0.00	23.15 -0.59 0.00	23.14 -0.83 0.00
DANSKAMMER__1 23586	32.33 1.69 0.00	28.44 1.38 0.00	27.16 1.23 0.00	27.33 1.22 0.00	27.52 1.26 0.00	28.17 1.27 0.00	31.66 1.50 0.00	32.32 1.59 0.00	37.72 1.88 0.00	34.89 1.78 0.00	31.19 1.46 0.00	31.87 1.46 0.00	29.74 1.34 0.00	31.77 1.41 0.00	35.00 1.56 0.00	30.49 1.44 0.00	34.26 1.75 0.00	39.16 2.07 0.00	45.79 2.33 0.00	36.56 1.88 0.00	26.92 1.40 0.00	25.16 1.31 0.00	24.98 1.24 0.00	25.13 1.16 0.00
DANSKAMMER__2 23589	32.33 1.69 0.00	28.44 1.38 0.00	27.16 1.23 0.00	27.33 1.22 0.00	27.52 1.26 0.00	28.17 1.27 0.00	31.66 1.50 0.00	32.32 1.59 0.00	37.72 1.88 0.00	34.89 1.78 0.00	31.19 1.46 0.00	31.87 1.46 0.00	29.74 1.34 0.00	31.77 1.41 0.00	35.00 1.56 0.00	30.49 1.44 0.00	34.26 1.75 0.00	39.16 2.07 0.00	45.79 2.33 0.00	36.56 1.88 0.00	26.92 1.40 0.00	25.16 1.31 0.00	24.98 1.24 0.00	25.13 1.16 0.00
DANSKAMMER__3 23590	32.33 1.69 0.00	28.44 1.38 0.00	27.16 1.23 0.00	27.33 1.22 0.00	27.52 1.26 0.00	28.17 1.27 0.00	31.66 1.50 0.00	32.32 1.59 0.00	37.72 1.88 0.00	34.89 1.78 0.00	31.19 1.46 0.00	31.87 1.46 0.00	29.74 1.34 0.00	31.77 1.41 0.00	35.00 1.56 0.00	30.49 1.44 0.00	34.26 1.75 0.00	39.16 2.07 0.00	45.79 2.33 0.00	36.56 1.88 0.00	26.92 1.40 0.00	25.16 1.31 0.00	24.98 1.24 0.00	25.13 1.16 0.00

DANSKAMMER___4 23591	32.33 1.69 0.00	28.44 1.38 0.00	27.16 1.23 0.00	27.33 1.22 0.00	27.52 1.26 0.00	28.17 1.27 0.00	31.66 1.50 0.00	32.32 1.59 0.00	37.72 1.88 0.00	34.89 1.78 0.00	31.19 1.46 0.00	31.87 1.46 0.00	29.74 1.34 0.00	31.77 1.41 0.00	35.00 1.56 0.00	30.49 1.44 0.00	34.26 1.75 0.00	39.16 2.07 0.00	45.79 2.33 0.00	36.56 1.88 0.00	26.92 1.40 0.00	25.16 1.31 0.00	24.98 1.24 0.00	25.13 1.16 0.00
DANSKAMMER___DIESEL 23592	32.33 1.69 0.00	28.44 1.38 0.00	27.16 1.23 0.00	27.32 1.21 0.00	27.52 1.26 0.00	28.17 1.27 0.00	31.66 1.50 0.00	32.32 1.59 0.00	37.73 1.88 0.00	34.90 1.78 0.00	31.20 1.47 0.00	31.87 1.46 0.00	29.75 1.34 0.00	31.77 1.41 0.00	35.01 1.56 0.00	30.49 1.44 0.00	34.26 1.75 0.00	39.16 2.07 0.00	45.79 2.33 0.00	36.56 1.88 0.00	26.92 1.40 0.00	25.16 1.31 0.00	24.98 1.24 0.00	25.13 1.16 0.00
DARBY___SOLAR 323810	31.86 1.22 0.00	28.06 1.01 0.00	26.87 0.93 0.00	27.05 0.94 0.00	27.18 0.92 0.00	27.93 1.02 0.00	31.55 1.39 0.00	32.17 1.44 0.00	37.52 1.67 0.00	34.67 1.55 0.00	31.07 1.34 0.00	31.82 1.42 0.00	29.74 1.33 0.00	31.78 1.41 0.00	35.08 1.63 0.00	30.53 1.48 0.00	34.32 1.81 0.00	39.12 2.03 0.00	45.59 2.13 0.00	36.42 1.74 0.00	26.78 1.27 0.00	25.01 1.15 0.00	24.81 1.07 0.00	24.97 1.00 0.00
DASHVILLE___HYD 23610	32.05 1.41 0.00	28.16 1.11 0.00	26.88 0.96 0.00	27.04 0.93 0.00	27.24 0.98 0.00	27.89 0.99 0.00	31.33 1.17 0.00	31.98 1.25 0.00	37.36 1.51 0.00	34.56 1.45 0.00	30.86 1.13 0.00	31.52 1.11 0.00	29.42 1.02 0.00	31.44 1.07 0.00	34.62 1.17 0.00	30.16 1.11 0.00	33.88 1.37 0.00	38.72 1.63 0.00	45.31 1.85 0.00	36.19 1.50 0.00	26.65 1.13 0.00	24.92 1.06 0.00	24.75 1.01 0.00	24.91 0.94 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	90.62 3.41 -56.57	29.89 2.84 0.00	28.49 2.56 0.00	28.78 2.67 0.00	29.03 2.77 0.00	29.63 2.73 0.00	33.26 3.09 0.00	34.10 3.36 0.00	48.09 3.94 -8.30	42.08 3.44 -5.53	97.88 3.08 -65.08	38.06 3.08 -4.57	37.75 2.77 -6.58	35.04 2.98 -1.69	38.09 3.30 -1.35	34.34 3.01 -2.28	39.42 3.49 -3.42	41.12 4.03 0.00	49.82 4.83 -1.53	72.96 3.88 -34.40	28.36 2.84 0.00	26.56 2.71 0.00	26.29 2.55 0.00	26.41 2.44 0.00
DELAWARE___LFGE 323621	31.39 0.75 0.00	27.68 0.62 0.00	26.50 0.57 0.00	26.67 0.56 0.00	26.85 0.59 0.00	27.52 0.62 0.00	30.88 0.72 0.00	31.50 0.77 0.00	36.77 0.92 0.00	33.98 0.86 0.00	30.48 0.75 0.00	31.17 0.76 0.00	29.12 0.71 0.00	31.10 0.74 0.00	34.25 0.81 0.00	29.74 0.69 0.00	33.26 0.75 0.00	37.99 0.90 0.00	44.54 1.08 0.00	35.53 0.84 0.00	26.12 0.60 0.00	24.41 0.55 0.00	24.29 0.56 0.00	24.48 0.51 0.00
DERFIELD_115KV_TB7 355931	30.69 0.05 0.00	27.08 0.03 0.00	25.93 0.00 0.00	26.11 0.00 0.00	26.26 0.00 0.00	26.91 0.01 0.00	30.21 0.04 0.00	30.79 0.05 0.00	35.92 0.07 0.00	33.19 0.07 0.00	29.77 0.04 0.00	30.46 0.05 0.00	28.45 0.05 0.00	30.42 0.06 0.00	33.51 0.07 0.00	29.12 0.07 0.00	32.63 0.11 0.00	37.20 0.11 0.00	43.55 0.08 0.00	34.75 0.06 0.00	25.57 0.05 0.00	23.90 0.05 0.00	23.76 0.02 0.00	23.98 0.01 0.00
DOGLEVILLE___HYD 23807	30.76 0.13 0.00	27.05 -0.01 0.00	25.81 -0.12 0.00	25.98 -0.12 0.00	26.18 -0.08 0.00	26.82 -0.08 0.00	30.25 0.09 0.00	30.91 0.17 0.00	36.03 0.17 0.00	33.34 0.23 0.00	29.87 0.14 0.00	30.52 0.11 0.00	28.52 0.11 0.00	30.51 0.14 0.00	33.73 0.28 0.00	29.31 0.26 0.00	32.85 0.34 0.00	37.29 0.20 0.00	43.84 0.38 0.00	34.97 0.28 0.00	25.71 0.20 0.00	24.04 0.18 0.00	23.81 0.07 0.00	23.94 -0.03 0.00
DUNKIRK___115KV_TB_200 55889	28.92 -1.72 0.00	25.62 -1.44 0.00	24.67 -1.26 0.00	24.78 -1.32 0.00	24.97 -1.29 0.00	25.65 -1.25 0.00	28.80 -1.36 0.00	29.10 -1.64 0.00	33.93 -1.92 0.00	31.02 -2.10 0.00	28.15 -1.58 0.00	28.83 -1.58 0.00	26.90 -1.51 0.00	28.74 -1.62 0.00	31.59 -1.85 0.00	27.30 -1.75 0.00	30.29 -2.22 0.00	34.88 -2.21 0.00	40.86 -2.60 0.00	32.62 -2.07 0.00	23.90 -1.62 0.00	22.32 -1.53 0.00	22.40 -1.34 0.00	22.75 -1.22 0.00
DUNKIRK___1 23563	28.92 -1.72 0.00	25.62 -1.44 0.00	24.67 -1.26 0.00	24.78 -1.32 0.00	24.97 -1.29 0.00	25.65 -1.25 0.00	28.80 -1.36 0.00	29.10 -1.64 0.00	33.93 -1.92 0.00	31.02 -2.10 0.00	28.15 -1.58 0.00	28.83 -1.58 0.00	26.90 -1.51 0.00	28.74 -1.62 0.00	31.59 -1.85 0.00	27.30 -1.75 0.00	30.29 -2.22 0.00	34.88 -2.21 0.00	40.86 -2.60 0.00	32.62 -2.07 0.00	23.90 -1.62 0.00	22.32 -1.53 0.00	22.40 -1.34 0.00	22.75 -1.22 0.00
DUNKIRK___2 23564	28.92 -1.72 0.00	25.62 -1.44 0.00	24.67 -1.26 0.00	24.78 -1.32 0.00	24.97 -1.29 0.00	25.65 -1.25 0.00	28.80 -1.36 0.00	29.10 -1.64 0.00	33.93 -1.92 0.00	31.02 -2.10 0.00	28.15 -1.58 0.00	28.83 -1.58 0.00	26.90 -1.51 0.00	28.74 -1.62 0.00	31.59 -1.85 0.00	27.30 -1.75 0.00	30.29 -2.22 0.00	34.88 -2.21 0.00	40.86 -2.60 0.00	32.62 -2.07 0.00	23.90 -1.62 0.00	22.32 -1.53 0.00	22.40 -1.34 0.00	22.75 -1.22 0.00
DUNKIRK___3 23565	28.87 -1.77 0.00	25.59 -1.47 0.00	24.64 -1.29 0.00	24.76 -1.35 0.00	24.94 -1.32 0.00	25.62 -1.29 0.00	28.72 -1.44 0.00	29.00 -1.74 0.00	33.81 -2.05 0.00	30.94 -2.17 0.00	28.08 -1.65 0.00	28.77 -1.65 0.00	26.85 -1.56 0.00	28.66 -1.70 0.00	31.48 -1.96 0.00	27.23 -1.83 0.00	30.22 -2.29 0.00	34.81 -2.28 0.00	40.78 -2.68 0.00	32.53 -2.15 0.00	23.83 -1.69 0.00	22.27 -1.59 0.00	22.35 -1.39 0.00	22.69 -1.28 0.00
DUNKIRK___4 23566	28.87 -1.77 0.00	25.59 -1.47 0.00	24.64 -1.29 0.00	24.76 -1.35 0.00	24.94 -1.32 0.00	25.62 -1.29 0.00	28.72 -1.44 0.00	29.00 -1.74 0.00	33.81 -2.05 0.00	30.94 -2.17 0.00	28.08 -1.65 0.00	28.77 -1.65 0.00	26.85 -1.56 0.00	28.66 -1.70 0.00	31.48 -1.96 0.00	27.23 -1.83 0.00	30.22 -2.29 0.00	34.81 -2.28 0.00	40.78 -2.68 0.00	32.53 -2.15 0.00	23.83 -1.69 0.00	22.27 -1.59 0.00	22.35 -1.39 0.00	22.69 -1.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.15 1.52 0.00	28.28 1.22 0.00	26.99 1.06 0.00	27.14 1.03 0.00	27.34 1.08 0.00	28.00 1.09 0.00	31.43 1.26 0.00	32.10 1.36 0.00	37.46 1.61 0.00	34.66 1.54 0.00	30.97 1.24 0.00	31.65 1.24 0.00	29.56 1.15 0.00	31.56 1.19 0.00	34.77 1.33 0.00	30.28 1.23 0.00	34.00 1.49 0.00	38.83 1.74 0.00	45.43 1.97 0.00	36.33 1.65 0.00	26.77 1.26 0.00	25.04 1.19 0.00	24.87 1.13 0.00	25.02 1.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.04 1.40 0.00	28.20 1.14 0.00	26.93 1.00 0.00	27.08 0.98 0.00	27.28 1.02 0.00	27.93 1.03 0.00	31.39 1.23 0.00	32.06 1.32 0.00	37.42 1.56 0.00	34.59 1.47 0.00	30.92 1.19 0.00	31.60 1.19 0.00	29.50 1.09 0.00	31.52 1.15 0.00	34.71 1.26 0.00	30.24 1.18 0.00	33.97 1.46 0.00	38.81 1.72 0.00	45.42 1.96 0.00	36.24 1.55 0.00	26.68 1.17 0.00	24.95 1.09 0.00	24.78 1.04 0.00	24.94 0.97 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.25 1.61 0.00	28.41 1.35 0.00	27.08 1.15 0.00	27.20 1.10 0.00	27.39 1.13 0.00	28.08 1.18 0.00	31.50 1.33 0.00	32.16 1.43 0.00	37.50 1.65 0.00	34.73 1.62 0.00	31.05 1.32 0.00	31.73 1.31 0.00	29.62 1.21 0.00	31.59 1.23 0.00	34.82 1.37 0.00	30.36 1.31 0.00	33.99 1.48 0.00	38.86 1.77 0.00	45.50 2.04 0.00	36.47 1.78 0.00	26.83 1.31 0.00	25.14 1.29 0.00	24.96 1.22 0.00	25.09 1.12 0.00
E179THST_13_KV_LOAD 356214	32.38 1.75 0.00	28.53 1.47 0.00	27.19 1.26 0.00	27.31 1.20 0.00	27.49 1.23 0.00	28.19 1.28 0.00	31.62 1.45 0.00	32.29 1.55 0.00	37.66 1.81 0.00	34.87 1.76 0.00	31.19 1.46 0.00	31.87 1.47 0.00	29.76 1.35 0.00	31.74 1.37 0.00	34.98 1.54 0.00	30.50 1.45 0.00	34.15 1.64 0.00	39.05 1.96 0.00	45.71 2.25 0.00	36.64 1.96 0.00	26.95 1.43 0.00	25.26 1.41 0.00	25.07 1.34 0.00	25.20 1.23 0.00
EAST HAMPTON___GT 23717	91.01 3.80 -56.57	30.23 3.18 0.00	28.82 2.89 0.00	29.12 3.01 0.00	29.37 3.11 0.00	29.99 3.09 0.00	33.66 3.49 0.00	34.52 3.78 0.00	48.57 4.42 -8.30	42.51 3.86 -5.53	98.26 3.45 -65.08	38.40 3.42 -4.57	38.07 3.09 -6.58	35.41 3.35 -1.69	38.51 3.72 -1.35	34.71 3.39 -2.28	39.87 3.94 -3.42	41.65 4.56 0.00	50.45 5.46 -1.53	73.45 4.36 -34.40	28.69 3.17 0.00	26.87 3.01 0.00	26.56 2.82 0.00	26.69 2.72 0.00
EAST RIVER___6 23660	32.19 1.55 0.00	28.30 1.25 0.00	26.99 1.05 0.00	27.12 1.01 0.00	27.35 1.08 0.00	28.01 1.11 0.00	31.43 1.27 0.00	32.11 1.38 0.00	37.56 1.70 0.00	34.76 1.65 0.00	31.06 1.33 0.00	31.76 1.35 0.00	29.65 1.24 0.00	31.64 1.28 0.00	34.84 1.40 0.00	30.37 1.32 0.00	34.10 1.59 0.00	38.92 1.83 0.00	45.55 2.10 0.00	36.45 1.76 0.00	26.85 1.33 0.00	25.16 1.30 0.00	24.99 1.25 0.00	25.11 1.14 0.00
EAST RIVER___7 23524	32.19 1.55 0.00	28.30 1.25 0.00	26.99 1.05 0.00	27.12 1.01 0.00	27.35 1.08 0.00	28.01 1.11 0.00	31.43 1.27 0.00	32.11 1.38 0.00	37.56 1.70 0.00	34.76 1.65 0.00	31.06 1.33 0.00	31.76 1.35 0.00	29.65 1.24 0.00	31.64 1.28 0.00	34.84 1.40 0.00	30.37 1.32 0.00	34.10 1.59 0.00	38.92 1.83 0.00	45.55 2.10 0.00	36.45 1.76 0.00	26.85 1.33 0.00	25.16 1.30 0.00	24.99 1.25 0.00	25.11 1.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.10 1.47 0.00	28.24 1.19 0.00	26.96 1.03 0.00	27.11 1.00 0.00	27.31 1.05 0.00	27.96 1.06 0.00	31.40 1.23 0.00	32.05 1.32 0.00	37.41 1.56 0.00	34.60 1.49 0.00	30.92 1.19 0.00	31.60 1.19 0.00	29.51 1.10 0.00	31.50 1.14 0.00	34.72 1.27 0.00	30.23 1.18 0.00	33.95 1.44 0.00	38.77 1.68 0.00	45.38 1.91 0.00	36.27 1.59 0.00	26.72 1.20 0.00	25.00 1.14 0.00	24.82 1.08 0.00	24.97 1.01 0.00
EAST_HAMPTON___DIESEL 23722	91.01 3.80 -56.57	30.23 3.18 0.00	28.82 2.89 0.00	29.12 3.01 0.00	29.37 3.11 0.00	30.00 3.09 0.00	33.66 3.50 0.00	34.52 3.78 0.00	48.57 4.42 -8.30	42.51 3.87 -5.53	98.26 3.45 -65.08	38.40 3.42 -4.57	38.07 3.09 -6.58	35.41 3.35 -1.69	38.51 3.72 -1.35	34.72 3.39 -2.28	39.88 3.94 -3.42	41.65 4.56 0.00	50.45 5.46 -1.53	73.45 4.36 -34.40	28.69 3.17 0.00	26.87 3.02 0.00	26.56 2.82 0.00	26.69 2.72 0.00
EAST_PULASKI___ESR 323781	29.75 -0.89 0.00	26.28 -0.78 0.00	25.18 -0.75 0.00	25.31 -0.80 0.00	25.45 -0.81 0.00	26.09 -0.81 0.00	29.27 -0.90 0.00	29.83 -0.91 0.00	34.80 -1.06 0.00	32.17 -0.95 0.00	28.99 -0.74 0.00	29.68 -0.72 0.00	27.72 -0.69 0.00	29.62 -0.74 0.00	32.61 -0.84 0.00	28.30 -0.75 0.00	31.72 -0.79 0.00	36.18 -0.92 0.00	42.26 -1.20 0.00	33.59 -1.10 0.00	24.77 -0.75 0.00	23.19 -0.66 0.00	23.06 -0.68 0.00	23.23 -0.73 0.00
EAST_RIVER___1 323558	32.20 1.57 0.00	28.33 1.28 0.00	27.00 1.07 0.00	27.15 1.04 0.00	27.36 1.10 0.00	28.03 1.12 0.00	31.45 1.29 0.00	32.13 1.39 0.00	37.51 1.66 0.00	34.71 1.60 0.00	31.02 1.29 0.00	31.70 1.29 0.00	29.60 1.19 0.00	31.59 1.23 0.00	34.80 1.36 0.00	30.32 1.27 0.00	34.04 1.53 0.00	38.86 1.77 0.00	45.49 2.03 0.00	36.40 1.71 0.00	26.81 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.07 1.11 0.00
EAST_RIVER___2 323559	32.19 1.55 0.00	28.30 1.25 0.00	26.99 1.05 0.00	27.12 1.01 0.00	27.35 1.08 0.00	28.01 1.11 0.00	31.43 1.27 0.00	32.11 1.38 0.00	37.56 1.70 0.00	34.76 1.65 0.00	31.06 1.33 0.00	31.76 1.35 0.00	29.65 1.24 0.00	31.64 1.28 0.00	34.84 1.40 0.00	30.37 1.32 0.00	34.10 1.59 0.00	38.92 1.83 0.00	45.55 2.10 0.00	36.45 1.76 0.00	26.85 1.33 0.00	25.16 1.30 0.00	24.99 1.25 0.00	25.11 1.14 0.00
EAST___DELAWARE_HYD 23607	32.43 1.79 0.00	28.49 1.43 0.00	27.19 1.26 0.00	27.35 1.24 0.00	27.56 1.30 0.00	28.22 1.32 0.00	31.74 1.57 0.00	32.44 1.71 0.00	37.91 2.05 0.00	35.03 1.91 0.00	31.32 1.59 0.00	31.99 1.58 0.00	29.85 1.44 0.00	31.87 1.51 0.00	35.10 1.65 0.00	30.58 1.53 0.00	34.40 1.89 0.00	39.33 2.24 0.00	46.02 2.56 0.00	36.71 2.02 0.00	27.01 1.50 0.00	25.24 1.38 0.00	25.05 1.31 0.00	25.19 1.23 0.00
EIGHT_POINT___WT_PWR 323820	29.12 -1.62 -0.10	25.69 -1.36 0.00	24.56 -1.37 0.00	24.68 -1.43 0.00	24.83 -1.43 0.00	25.87 -1.36 -0.32	28.81 -1.46 -0.11	29.33 -1.46 -0.06	34.32 -1.53 0.00	31.76 -1.36 0.00	28.98 -0.75 0.00	29.46 -0.95 0.00	27.42 -0.99 0.00	29.25 -1.11 0.00	32.15 -1.30 0.00	27.90 -1.16 0.00	30.26 -2.25 0.00	34.54 -2.55 0.00	40.55 -2.91 0.00	32.39 -2.29 0.00	23.60 -1.92 0.00	21.97 -1.89 0.00	22.02 -1.72 0.00	22.31 -1.65 0.00
ELBRIDGE_115KV_TB2 80188	29.90 -0.73 0.00	26.40 -0.66 0.00	25.33 -0.60 0.00	25.49 -0.62 0.00	25.61 -0.65 0.00	26.25 -0.65 0.00	29.44 -0.72 0.00	30.00 -0.74 0.00	35.01 -0.84 0.00	32.33 -0.79 0.00	29.08 -0.65 0.00	29.74 -0.67 0.00	27.78 -0.63 0.00	29.69 -0.68 0.00	32.68 -0.76 0.00	28.38 -0.67 0.00	31.73 -0.78 0.00	36.27 -0.82 0.00	42.47 -0.99 0.00	33.89 -0.80 0.00	24.93 -0.58 0.00	23.31 -0.55 0.00	23.20 -0.53 0.00	23.49 -0.47 0.00
ELEC_TRO_TEK 24086	89.18 1.97 -56.57	28.67 1.62 0.00	27.31 1.38 0.00	27.50 1.40 0.00	27.73 1.46 0.00	28.32 1.41 0.00	31.81 1.65 0.00	32.54 1.81 0.00	46.29 2.14 -8.30	40.67 2.03 -5.53	96.51 1.70 -65.08	36.71 1.73 -4.57	36.57 1.59 -6.58	33.72 1.67 -1.69	36.62 1.83 -1.35	33.00 1.68 -2.28	37.88 1.94 -3.42	39.32 2.23 0.00	47.60 2.62 -1.53	71.25 2.17 -34.40	27.15 1.63 0.00	25.38 1.53 0.00	25.20 1.47 0.00	25.36 1.39 0.00
ELLENBURG_WT_PWR 323604	31.60 0.96 0.00	27.95 0.89 0.00	26.82 0.89 0.00	27.09 0.98 0.00	27.25 0.98 0.00	27.85 0.95 0.00	31.17 1.01 0.00	31.77 1.03 0.00	37.06 1.21 0.00	34.17 1.05 0.00	30.72 0.99 0.00	31.45 1.04 0.00	29.45 1.04 0.00	31.50 1.14 0.00	34.72 1.27 0.00	30.14 1.09 0.00	33.66 1.14 0.00	38.34 1.25 0.00	44.90 1.44 0.00	35.87 1.19 0.00	26.36 0.84 0.00	24.62 0.77 0.00	24.49 0.75 0.00	24.65 0.68 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.59 -2.04 0.00	25.37 -1.69 0.00	24.48 -1.45 0.00	24.63 -1.48 0.00	24.78 -1.49 0.00	25.45 -1.45 0.00	28.43 -1.73 0.00	28.63 -2.11 0.00	33.31 -2.54 0.00	30.61 -2.51 0.00	27.80 -1.93 0.00	28.50 -1.91 0.00	26.61 -1.80 0.00	28.37 -1.99 0.00	31.12 -2.32 0.00	26.94 -2.12 0.00	29.90 -2.61 0.00	34.47 -2.62 0.00	40.34 -3.12 0.00	32.20 -2.49 0.00	23.55 -1.97 0.00	22.00 -1.85 0.00	22.09 -1.65 0.00	22.43 -1.53 0.00
EMPIRE_CC_1 323656	31.37 0.73 0.00	27.65 0.60 0.00	26.48 0.55 0.00	26.66 0.55 0.00	26.79 0.53 0.00	27.45 0.55 0.00	30.78 0.62 0.00	31.22 0.49 0.00	36.40 0.55 0.00	33.67 0.55 0.00	30.06 0.33 0.00	30.70 0.29 0.00	28.68 0.27 0.00	30.69 0.32 0.00	33.87 0.43 0.00	29.48 0.43 0.00	33.08 0.57 0.00	37.71 0.62 0.00	44.05 0.59 0.00	35.22 0.53 0.00	25.93 0.42 0.00	24.32 0.46 0.00	24.16 0.42 0.00	24.34 0.37 0.00
EMPIRE_CC_2 323658	31.37 0.73 0.00	27.65 0.60 0.00	26.48 0.55 0.00	26.66 0.55 0.00	26.79 0.53 0.00	27.45 0.55 0.00	30.78 0.62 0.00	31.22 0.49 0.00	36.40 0.55 0.00	33.67 0.55 0.00	30.06 0.33 0.00	30.70 0.29 0.00	28.68 0.27 0.00	30.69 0.32 0.00	33.87 0.43 0.00	29.48 0.43 0.00	33.08 0.57 0.00	37.71 0.62 0.00	44.05 0.59 0.00	35.22 0.53 0.00	25.93 0.42 0.00	24.32 0.46 0.00	24.16 0.42 0.00	24.34 0.37 0.00
ENORWICH_115KV_TB1 80156	32.03 1.40 0.00	28.23 1.17 0.00	27.09 1.16 0.00	27.29 1.18 0.00	27.51 1.25 0.00	28.27 1.37 0.00	31.92 1.76 0.00	32.63 1.90 0.00	38.10 2.25 0.00	35.24 2.12 0.00	31.68 1.95 0.00	32.43 2.01 0.00	30.34 1.94 0.00	32.46 2.10 0.00	35.75 2.31 0.00	30.79 1.74 0.00	34.45 1.95 0.00	39.21 2.12 0.00	46.07 2.61 0.00	36.83 2.14 0.00	26.83 1.32 0.00	25.08 1.22 0.00	25.00 1.27 0.00	25.11 1.14 0.00
ERIE_ST__34_KV_TB1-2 80199	29.38 -1.26 0.00	26.04 -1.02 0.00	25.09 -0.84 0.00	25.24 -0.87 0.00	25.40 -0.86 0.00	26.09 -0.81 0.00	29.18 -0.98 0.00	29.42 -1.32 0.00	34.26 -1.59 0.00	31.50 -1.62 0.00	28.58 -1.15 0.00	29.30 -1.12 0.00	27.34 -1.06 0.00	29.13 -1.23 0.00	31.96 -1.48 0.00	27.68 -1.37 0.00	30.75 -1.76 0.00	35.46 -1.63 0.00	41.52 -1.94 0.00	33.12 -1.57 0.00	24.24 -1.28 0.00	22.65 -1.21 0.00	22.74 -0.99 0.00	23.07 -0.90 0.00
ERIE_WT_PWR 323693	28.60 -1.76 0.28	25.61 -1.45 0.00	24.69 -1.24 0.00	24.83 -1.27 0.00	25.00 -1.27 0.00	24.77 -1.24 0.90	28.39 -1.47 0.30	28.76 -1.82 0.15	33.67 -2.18 0.00	30.93 -2.19 0.00	28.11 -1.62 0.00	28.80 -1.62 0.00	26.87 -1.54 0.00	28.64 -1.72 0.00	31.43 -2.02 0.00	27.19 -1.86 0.00	30.20 -2.31 0.00	34.81 -2.27 0.00	40.76 -2.70 0.00	32.52 -2.17 0.00	23.79 -1.72 0.00	22.21 -1.64 0.00	22.30 -1.44 0.00	22.64 -1.33 0.00
ESPRGFLD_115KV_TB1 80157	31.94 1.30 0.00	28.19 1.13 0.00	27.03 1.10 0.00	27.20 1.09 0.00	27.40 1.14 0.00	28.10 1.19 0.00	31.51 1.34 0.00	32.18 1.45 0.00	37.63 1.78 0.00	34.78 1.66 0.00	31.28 1.55 0.00	32.04 1.63 0.00	29.98 1.57 0.00	32.03 1.67 0.00	35.18 1.74 0.00	30.52 1.47 0.00	34.04 1.53 0.00	38.82 1.73 0.00	45.62 2.16 0.00	36.32 1.63 0.00	26.68 1.16 0.00	24.94 1.08 0.00	24.81 1.07 0.00	25.05 1.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.73 0.09 0.00	27.12 0.07 0.00	26.00 0.06 0.00	26.16 0.05 0.00	26.31 0.05 0.00	26.98 0.08 0.00	30.31 0.15 0.00	30.92 0.18 0.00	36.11 0.26 0.00	33.34 0.22 0.00	30.01 0.28 0.00	30.65 0.24 0.00	28.63 0.22 0.00	30.58 0.22 0.00	33.69 0.24 0.00	29.23 0.18 0.00	32.70 0.19 0.00	37.38 0.29 0.00	43.80 0.34 0.00	34.94 0.26 0.00	25.67 0.15 0.00	23.98 0.12 0.00	23.87 0.13 0.00	24.09 0.12 0.00
ETNA____115KV_TB2 80207	30.73 0.09 0.00	27.12 0.07 0.00	26.00 0.06 0.00	26.16 0.05 0.00	26.31 0.05 0.00	26.98 0.08 0.00	30.31 0.15 0.00	30.92 0.18 0.00	36.11 0.26 0.00	33.34 0.22 0.00	30.01 0.28 0.00	30.65 0.24 0.00	28.63 0.22 0.00	30.58 0.22 0.00	33.69 0.24 0.00	29.23 0.18 0.00	32.70 0.19 0.00	37.38 0.29 0.00	43.80 0.34 0.00	34.94 0.26 0.00	25.67 0.15 0.00	23.98 0.12 0.00	23.87 0.13 0.00	24.09 0.12 0.00
EUCLID___115KV_TB2 356179	29.69 -0.95 0.00	26.26 -0.80 0.00	25.20 -0.74 0.00	25.35 -0.75 0.00	25.49 -0.78 0.00	26.13 -0.77 0.00	29.31 -0.85 0.00	29.86 -0.88 0.00	34.83 -1.02 0.00	32.18 -0.94 0.00	28.93 -0.80 0.00	29.60 -0.81 0.00	27.64 -0.77 0.00	29.54 -0.82 0.00	32.52 -0.92 0.00	28.23 -0.82 0.00	31.56 -0.95 0.00	36.05 -1.04 0.00	42.20 -1.26 0.00	33.68 -1.00 0.00	24.81 -0.71 0.00	23.20 -0.66 0.00	23.10 -0.64 0.00	23.38 -0.58 0.00
E_CANADA_CAP_HY 24051	32.23 1.60 0.00	28.47 1.41 0.00	27.33 1.40 0.00	27.49 1.38 0.00	27.68 1.42 0.00	28.38 1.48 0.00	31.81 1.64 0.00	32.47 1.74 0.00	37.96 2.10 0.00	35.09 1.97 0.00	31.56 1.83 0.00	32.34 1.93 0.00	30.26 1.85 0.00	32.34 1.98 0.00	35.52 2.07 0.00	30.84 1.79 0.00	34.48 1.97 0.00	39.24 2.15 0.00	46.11 2.64 0.00	36.68 2.00 0.00	26.98 1.46 0.00	25.24 1.38 0.00	25.08 1.34 0.00	25.36 1.39 0.00
E_CANADA_MHWK_HY 24050	30.76 0.13 0.00	27.05 -0.01 0.00	25.81 -0.12 0.00	25.98 -0.12 0.00	26.18 -0.08 0.00	26.82 -0.08 0.00	30.25 0.09 0.00	30.91 0.17 0.00	36.03 0.17 0.00	33.34 0.23 0.00	29.87 0.14 0.00	30.52 0.11 0.00	28.52 0.11 0.00	30.51 0.14 0.00	33.73 0.28 0.00	29.31 0.26 0.00	32.85 0.34 0.00	37.29 0.20 0.00	43.84 0.38 0.00	34.97 0.28 0.00	25.71 0.20 0.00	24.04 0.18 0.00	23.81 0.07 0.00	23.94 -0.03 0.00
E_FISHKILL___LBMP 23776	31.95 1.32 0.00	28.12 1.06 0.00	26.85 0.92 0.00	27.01 0.90 0.00	27.20 0.94 0.00	27.84 0.94 0.00	31.26 1.10 0.00	31.90 1.16 0.00	37.21 1.36 0.00	34.42 1.30 0.00	30.75 1.02 0.00	31.42 1.01 0.00	29.33 0.92 0.00	31.33 0.97 0.00	34.54 1.09 0.00	30.07 1.02 0.00	33.77 1.26 0.00	38.57 1.48 0.00	45.11 1.65 0.00	36.05 1.37 0.00	26.54 1.03 0.00	24.83 0.98 0.00	24.67 0.93 0.00	24.83 0.86 0.00
FALCON___SEABRD_CC1 323796	32.04 1.40 0.00	28.33 1.27 0.00	27.19 1.26 0.00	27.49 1.38 0.00	27.64 1.38 0.00	28.24 1.34 0.00	31.63 1.46 0.00	32.24 1.51 0.00	37.62 1.76 0.00	34.65 1.54 0.00	31.15 1.42 0.00	31.89 1.48 0.00	29.87 1.47 0.00	32.00 1.64 0.00	35.29 1.84 0.00	30.64 1.59 0.00	34.21 1.71 0.00	38.96 1.87 0.00	45.54 2.08 0.00	36.42 1.73 0.00	26.77 1.25 0.00	24.99 1.13 0.00	24.84 1.10 0.00	24.97 1.00 0.00
FALCON___SEABRD_CC2 323797	32.04 1.40 0.00	28.33 1.27 0.00	27.19 1.26 0.00	27.49 1.38 0.00	27.64 1.38 0.00	28.24 1.34 0.00	31.63 1.46 0.00	32.24 1.51 0.00	37.62 1.76 0.00	34.65 1.54 0.00	31.15 1.42 0.00	31.89 1.48 0.00	29.87 1.47 0.00	32.00 1.64 0.00	35.29 1.84 0.00	30.64 1.59 0.00	34.21 1.71 0.00	38.96 1.87 0.00	45.54 2.08 0.00	36.42 1.73 0.00	26.77 1.25 0.00	24.99 1.13 0.00	24.84 1.10 0.00	24.97 1.00 0.00

FAR ROCKAWAY___4 23548	89.55 2.34 -56.57	29.00 1.94 0.00	27.61 1.68 0.00	27.79 1.69 0.00	28.03 1.76 0.00	28.62 1.71 0.00	32.17 2.00 0.00	32.88 2.14 0.00	46.70 2.55 -8.30	41.09 2.45 -5.53	96.87 2.07 -65.08	37.09 2.10 -4.57	36.94 1.96 -6.58	34.10 2.04 -1.69	37.04 2.25 -1.35	33.37 2.04 -2.28	38.19 2.26 -3.42	39.50 2.41 0.00	47.84 2.85 -1.53	71.72 2.64 -34.40	27.48 1.97 0.00	25.68 1.83 0.00	25.49 1.75 0.00	25.64 1.67 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.24 1.60 0.00	28.36 1.30 0.00	27.04 1.11 0.00	27.16 1.05 0.00	27.38 1.12 0.00	28.06 1.15 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.54 1.69 0.00	34.74 1.62 0.00	31.04 1.31 0.00	31.73 1.31 0.00	29.61 1.20 0.00	31.61 1.24 0.00	34.82 1.38 0.00	30.34 1.29 0.00	34.05 1.54 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.43 1.74 0.00	26.83 1.32 0.00	25.15 1.29 0.00	24.97 1.23 0.00	25.09 1.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.27 1.63 0.00	28.38 1.32 0.00	27.05 1.12 0.00	27.18 1.07 0.00	27.40 1.14 0.00	28.07 1.17 0.00	31.51 1.34 0.00	32.18 1.44 0.00	37.56 1.71 0.00	34.76 1.65 0.00	31.06 1.33 0.00	31.75 1.34 0.00	29.64 1.23 0.00	31.64 1.27 0.00	34.85 1.40 0.00	30.36 1.31 0.00	34.08 1.58 0.00	38.91 1.83 0.00	45.56 2.09 0.00	36.45 1.76 0.00	26.86 1.34 0.00	25.17 1.31 0.00	24.98 1.24 0.00	25.11 1.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.23 1.59 0.00	28.35 1.29 0.00	27.03 1.10 0.00	27.15 1.05 0.00	27.37 1.11 0.00	28.05 1.14 0.00	31.47 1.31 0.00	32.15 1.41 0.00	37.52 1.67 0.00	34.73 1.61 0.00	31.03 1.30 0.00	31.72 1.31 0.00	29.60 1.20 0.00	31.60 1.24 0.00	34.81 1.36 0.00	30.33 1.27 0.00	34.04 1.53 0.00	38.86 1.77 0.00	45.50 2.04 0.00	36.41 1.72 0.00	26.82 1.31 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.09 1.12 0.00
FARRAGUT___LBMP 323566	32.20 1.57 0.00	28.33 1.28 0.00	27.01 1.08 0.00	27.14 1.03 0.00	27.35 1.09 0.00	28.03 1.13 0.00	31.45 1.29 0.00	32.12 1.38 0.00	37.50 1.64 0.00	34.70 1.58 0.00	31.00 1.27 0.00	31.69 1.28 0.00	29.58 1.18 0.00	31.57 1.21 0.00	34.78 1.34 0.00	30.31 1.25 0.00	34.02 1.51 0.00	38.83 1.74 0.00	45.47 2.00 0.00	36.38 1.69 0.00	26.81 1.29 0.00	25.12 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
FENNER___WINDPWR 24204	30.89 0.25 0.00	27.27 0.21 0.00	26.11 0.17 0.00	26.30 0.19 0.00	26.44 0.18 0.00	27.10 0.20 0.00	30.44 0.27 0.00	31.09 0.36 0.00	36.31 0.46 0.00	33.58 0.46 0.00	30.19 0.46 0.00	30.90 0.49 0.00	28.87 0.46 0.00	30.87 0.50 0.00	34.01 0.56 0.00	29.47 0.42 0.00	33.05 0.54 0.00	37.60 0.52 0.00	43.95 0.49 0.00	35.04 0.35 0.00	25.80 0.29 0.00	24.08 0.22 0.00	23.93 0.19 0.00	24.15 0.18 0.00
FIBERTEK___ENERGY 23856	30.04 -0.60 0.00	26.54 -0.52 0.00	25.46 -0.47 0.00	25.62 -0.48 0.00	25.75 -0.51 0.00	26.39 -0.51 0.00	29.61 -0.55 0.00	30.18 -0.56 0.00	35.22 -0.63 0.00	32.52 -0.59 0.00	29.25 -0.47 0.00	29.92 -0.49 0.00	27.94 -0.47 0.00	29.88 -0.49 0.00	32.90 -0.54 0.00	28.56 -0.49 0.00	31.95 -0.56 0.00	36.49 -0.59 0.00	42.73 -0.73 0.00	34.10 -0.58 0.00	25.11 -0.41 0.00	23.46 -0.40 0.00	23.35 -0.39 0.00	23.64 -0.33 0.00
FITZPATRICK___ 23598	29.33 -1.31 0.00	25.92 -1.14 0.00	24.86 -1.07 0.00	25.02 -1.09 0.00	25.16 -1.10 0.00	25.79 -1.11 0.00	28.91 -1.26 0.00	29.45 -1.29 0.00	34.35 -1.51 0.00	31.73 -1.39 0.00	28.53 -1.20 0.00	29.18 -1.23 0.00	27.25 -1.16 0.00	29.12 -1.24 0.00	32.07 -1.37 0.00	27.85 -1.21 0.00	31.15 -1.36 0.00	35.57 -1.52 0.00	41.65 -1.81 0.00	33.23 -1.45 0.00	24.46 -1.05 0.00	22.88 -0.97 0.00	22.79 -0.95 0.00	23.09 -0.88 0.00
FLOWRFLD_69_KV_BK1 356044	89.88 2.67 -56.57	29.24 2.18 0.00	27.80 1.87 0.00	28.06 1.95 0.00	28.30 2.04 0.00	28.86 1.96 0.00	32.42 2.26 0.00	33.24 2.50 0.00	47.12 2.97 -8.30	41.32 2.68 -5.53	97.21 2.40 -65.08	37.37 2.39 -4.57	37.17 2.18 -6.58	34.38 2.32 -1.69	37.33 2.54 -1.35	33.65 2.32 -2.28	38.61 2.67 -3.42	40.12 3.03 0.00	48.71 3.72 -1.53	72.08 3.00 -34.40	27.72 2.21 0.00	25.93 2.08 0.00	25.69 1.95 0.00	25.85 1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.39 1.75 0.00	28.49 1.43 0.00	27.21 1.28 0.00	27.37 1.26 0.00	27.56 1.30 0.00	28.23 1.33 0.00	31.72 1.56 0.00	32.37 1.64 0.00	37.80 1.94 0.00	34.96 1.85 0.00	31.25 1.53 0.00	31.93 1.52 0.00	29.80 1.39 0.00	31.83 1.47 0.00	35.08 1.63 0.00	30.55 1.49 0.00	34.33 1.82 0.00	39.23 2.15 0.00	45.87 2.42 0.00	36.64 1.95 0.00	26.97 1.45 0.00	25.21 1.35 0.00	25.02 1.28 0.00	25.17 1.20 0.00
FORT ORANGE___ 23900	31.34 0.70 0.00	27.69 0.63 0.00	26.53 0.59 0.00	26.68 0.58 0.00	26.83 0.56 0.00	27.50 0.59 0.00	30.82 0.66 0.00	31.36 0.62 0.00	36.51 0.65 0.00	33.76 0.65 0.00	30.22 0.49 0.00	30.89 0.48 0.00	28.84 0.43 0.00	30.85 0.49 0.00	34.03 0.58 0.00	29.59 0.54 0.00	33.23 0.72 0.00	37.91 0.83 0.00	44.31 0.85 0.00	35.39 0.70 0.00	26.03 0.51 0.00	24.35 0.49 0.00	24.17 0.43 0.00	24.33 0.36 0.00
FORT_DRUM_COGEN 23780	30.61 -0.03 0.00	27.00 -0.06 0.00	25.79 -0.14 0.00	25.90 -0.20 0.00	26.03 -0.23 0.00	26.68 -0.22 0.00	29.93 -0.23 0.00	30.49 -0.25 0.00	35.52 -0.34 0.00	32.88 -0.24 0.00	29.80 0.07 0.00	30.62 0.21 0.00	28.60 0.19 0.00	30.55 0.18 0.00	33.57 0.13 0.00	29.14 0.08 0.00	32.77 0.26 0.00	37.20 0.11 0.00	43.20 -0.26 0.00	33.99 -0.70 0.00	25.20 -0.32 0.00	23.69 -0.16 0.00	23.48 -0.25 0.00	23.32 -0.65 0.00
FOX_HILLS___ESR 323835	32.38 1.74 0.00	28.49 1.44 0.00	27.13 1.20 0.00	27.25 1.14 0.00	27.46 1.19 0.00	28.14 1.24 0.00	31.47 1.31 0.00	32.12 1.38 0.00	37.53 1.67 0.00	34.72 1.60 0.00	30.99 1.26 0.00	31.63 1.22 0.00	29.54 1.13 0.00	31.53 1.17 0.00	34.72 1.28 0.00	30.27 1.22 0.00	33.95 1.44 0.00	38.75 1.67 0.00	45.40 1.94 0.00	36.36 1.67 0.00	26.80 1.28 0.00	25.10 1.25 0.00	24.93 1.19 0.00	25.08 1.12 0.00
FPL_FAR_ROCK_GT1 24212	89.55 2.34 -56.57	29.00 1.94 0.00	27.61 1.68 0.00	27.80 1.70 0.00	28.04 1.77 0.00	28.62 1.71 0.00	32.16 2.00 0.00	32.88 2.14 0.00	46.69 2.54 -8.30	41.08 2.44 -5.53	96.86 2.05 -65.08	37.07 2.09 -4.57	36.94 1.95 -6.58	34.09 2.04 -1.69	37.04 2.25 -1.35	33.37 2.04 -2.28	38.19 2.26 -3.42	39.49 2.41 0.00	47.84 2.85 -1.53	71.72 2.63 -34.40	27.48 1.97 0.00	25.68 1.82 0.00	25.50 1.76 0.00	25.64 1.67 0.00
FPL_FAR_ROCK_GT2 23815	89.55 2.34 -56.57	29.00 1.94 0.00	27.61 1.68 0.00	27.80 1.70 0.00	28.04 1.77 0.00	28.62 1.71 0.00	32.16 2.00 0.00	32.88 2.14 0.00	46.69 2.54 -8.30	41.08 2.44 -5.53	96.86 2.05 -65.08	37.07 2.09 -4.57	36.94 1.95 -6.58	34.09 2.04 -1.69	37.04 2.25 -1.35	33.37 2.04 -2.28	38.19 2.26 -3.42	39.49 2.41 0.00	47.84 2.85 -1.53	71.72 2.63 -34.40	27.48 1.97 0.00	25.68 1.82 0.00	25.50 1.76 0.00	25.64 1.67 0.00



FRANKLIN_FALL_HYD 24054	31.81 1.17 0.00	28.12 1.06 0.00	26.98 1.05 0.00	27.25 1.14 0.00	27.40 1.13 0.00	28.00 1.10 0.00	31.34 1.17 0.00	31.96 1.22 0.00	37.28 1.43 0.00	34.42 1.30 0.00	30.93 1.20 0.00	31.71 1.30 0.00	29.68 1.27 0.00	31.71 1.35 0.00	34.94 1.49 0.00	30.32 1.27 0.00	33.85 1.34 0.00	38.60 1.51 0.00	45.25 1.78 0.00	36.10 1.42 0.00	26.51 0.99 0.00	24.75 0.89 0.00	24.61 0.87 0.00	24.73 0.76 0.00
FREEPORT_EQUS_GT1 23764	89.42 2.21 -56.57	28.87 1.81 0.00	27.47 1.54 0.00	27.70 1.59 0.00	27.93 1.66 0.00	28.50 1.60 0.00	32.01 1.85 0.00	32.76 2.02 0.00	46.54 2.39 -8.30	40.93 2.29 -5.53	96.74 1.94 -65.08	36.95 1.97 -4.57	36.80 1.82 -6.58	33.95 1.89 -1.69	36.87 2.07 -1.35	33.23 1.91 -2.28	38.15 2.22 -3.42	39.63 2.54 0.00	47.94 2.95 -1.53	71.44 2.35 -34.40	27.38 1.86 0.00	25.58 1.72 0.00	25.39 1.66 0.00	25.55 1.59 0.00
FREEPORT___CT2 23818	89.42 2.21 -56.57	28.87 1.81 0.00	27.47 1.54 0.00	27.70 1.59 0.00	27.93 1.66 0.00	28.50 1.60 0.00	32.01 1.85 0.00	32.76 2.02 0.00	46.54 2.39 -8.30	40.93 2.29 -5.53	96.74 1.94 -65.08	36.95 1.97 -4.57	36.80 1.82 -6.58	33.95 1.89 -1.69	36.87 2.07 -1.35	33.23 1.91 -2.28	38.15 2.22 -3.42	39.63 2.54 0.00	47.94 2.95 -1.53	71.44 2.35 -34.40	27.38 1.86 0.00	25.58 1.72 0.00	25.39 1.66 0.00	25.55 1.59 0.00
FRESHKLS_33_KV_LOAD 356253	32.41 1.78 0.00	28.51 1.45 0.00	27.15 1.22 0.00	27.27 1.16 0.00	27.48 1.22 0.00	28.16 1.26 0.00	31.48 1.32 0.00	32.13 1.40 0.00	37.54 1.69 0.00	34.73 1.62 0.00	30.98 1.25 0.00	31.62 1.21 0.00	29.53 1.12 0.00	31.52 1.15 0.00	34.72 1.28 0.00	30.27 1.21 0.00	33.96 1.45 0.00	38.78 1.69 0.00	45.42 1.96 0.00	36.38 1.69 0.00	26.81 1.29 0.00	25.12 1.26 0.00	24.95 1.21 0.00	25.10 1.14 0.00
FULTON COGEN____ 23766	29.60 -1.04 0.00	26.17 -0.89 0.00	25.09 -0.84 0.00	25.23 -0.88 0.00	25.38 -0.88 0.00	26.02 -0.88 0.00	29.19 -0.97 0.00	29.75 -0.99 0.00	34.69 -1.16 0.00	32.07 -1.05 0.00	28.85 -0.88 0.00	29.50 -0.91 0.00	27.54 -0.87 0.00	29.45 -0.91 0.00	32.43 -1.02 0.00	28.15 -0.90 0.00	31.51 -1.00 0.00	35.99 -1.10 0.00	42.13 -1.33 0.00	33.61 -1.08 0.00	24.74 -0.77 0.00	23.13 -0.72 0.00	23.02 -0.72 0.00	23.31 -0.66 0.00
FULTON___LFGE 323630	33.71 3.07 0.00	29.71 2.66 0.00	28.46 2.53 0.00	28.58 2.47 0.00	28.76 2.50 0.00	29.50 2.60 0.00	33.25 3.08 0.00	34.02 3.28 0.00	39.66 3.81 0.00	36.78 3.66 0.00	32.94 3.20 0.00	33.63 3.22 0.00	31.55 3.14 0.00	33.71 3.35 0.00	37.10 3.66 0.00	32.32 3.27 0.00	36.35 3.84 0.00	41.44 4.36 0.00	48.60 5.14 0.00	38.66 3.97 0.00	28.40 2.88 0.00	26.49 2.63 0.00	26.22 2.48 0.00	26.41 2.44 0.00
G.F.CEMENT___DRP 24184	31.94 1.30 0.00	28.12 1.06 0.00	26.93 0.99 0.00	27.12 1.01 0.00	27.24 0.98 0.00	28.04 1.14 0.00	31.88 1.72 0.00	32.55 1.81 0.00	37.99 2.14 0.00	35.11 2.00 0.00	31.52 1.79 0.00	32.34 1.93 0.00	30.26 1.85 0.00	32.28 1.91 0.00	35.66 2.21 0.00	31.06 2.01 0.00	34.95 2.44 0.00	39.81 2.72 0.00	46.24 2.78 0.00	36.96 2.27 0.00	27.16 1.65 0.00	25.34 1.48 0.00	25.12 1.38 0.00	25.25 1.28 0.00
GARDENVILLE___LBMP 24039	28.74 -1.90 0.00	25.49 -1.57 0.00	24.59 -1.34 0.00	24.73 -1.38 0.00	24.88 -1.38 0.00	25.56 -1.35 0.00	28.57 -1.59 0.00	28.79 -1.95 0.00	33.51 -2.34 0.00	30.78 -2.33 0.00	27.96 -1.78 0.00	28.65 -1.76 0.00	26.74 -1.67 0.00	28.51 -1.85 0.00	31.29 -2.16 0.00	27.08 -1.98 0.00	30.05 -2.46 0.00	34.64 -2.45 0.00	40.55 -2.91 0.00	32.35 -2.34 0.00	23.67 -1.84 0.00	22.12 -1.74 0.00	22.21 -1.53 0.00	22.55 -1.42 0.00
GARDNVLA_35_KV_LD 355827	28.88 -1.75 0.00	25.61 -1.44 0.00	24.69 -1.23 0.00	24.84 -1.27 0.00	25.00 -1.26 0.00	25.67 -1.23 0.00	28.70 -1.47 0.00	28.91 -1.82 0.00	33.66 -2.19 0.00	30.94 -2.18 0.00	28.11 -1.62 0.00	28.81 -1.60 0.00	26.89 -1.52 0.00	28.67 -1.70 0.00	31.45 -1.99 0.00	27.22 -1.84 0.00	30.22 -2.29 0.00	34.85 -2.24 0.00	40.80 -2.67 0.00	32.55 -2.13 0.00	23.81 -1.71 0.00	22.23 -1.63 0.00	22.32 -1.42 0.00	22.65 -1.32 0.00
GELCKHM___115KV_LOAD 80723	29.83 -0.81 0.00	26.37 -0.69 0.00	25.30 -0.63 0.00	25.46 -0.65 0.00	25.59 -0.67 0.00	26.23 -0.67 0.00	29.42 -0.74 0.00	29.97 -0.76 0.00	34.98 -0.88 0.00	32.31 -0.81 0.00	29.05 -0.68 0.00	29.72 -0.69 0.00	27.75 -0.66 0.00	29.67 -0.70 0.00	32.67 -0.77 0.00	28.36 -0.69 0.00	31.72 -0.79 0.00	36.23 -0.86 0.00	42.41 -1.05 0.00	33.85 -0.84 0.00	24.92 -0.59 0.00	23.30 -0.55 0.00	23.19 -0.55 0.00	23.48 -0.49 0.00
GENERAL___MILLS 23808	28.85 -1.79 0.00	25.59 -1.47 0.00	24.67 -1.26 0.00	24.81 -1.29 0.00	24.98 -1.29 0.00	25.64 -1.26 0.00	28.67 -1.50 0.00	28.89 -1.85 0.00	33.62 -2.23 0.00	30.90 -2.21 0.00	28.07 -1.66 0.00	28.76 -1.65 0.00	26.85 -1.57 0.00	28.62 -1.74 0.00	31.41 -2.04 0.00	27.18 -1.87 0.00	30.18 -2.33 0.00	34.78 -2.31 0.00	40.72 -2.74 0.00	32.48 -2.20 0.00	23.77 -1.74 0.00	22.20 -1.66 0.00	22.29 -1.45 0.00	22.62 -1.35 0.00
GE_PLASTICS___DRP 24183	31.23 0.59 0.00	27.58 0.52 0.00	26.41 0.48 0.00	26.57 0.47 0.00	26.73 0.46 0.00	27.38 0.47 0.00	30.70 0.53 0.00	31.24 0.50 0.00	36.39 0.54 0.00	33.65 0.54 0.00	30.12 0.38 0.00	30.78 0.37 0.00	28.75 0.34 0.00	30.73 0.37 0.00	33.90 0.45 0.00	29.48 0.42 0.00	33.07 0.56 0.00	37.73 0.64 0.00	44.13 0.67 0.00	35.24 0.56 0.00	25.93 0.41 0.00	24.26 0.40 0.00	24.10 0.36 0.00	24.28 0.31 0.00
GILBOA___1 23756	31.31 0.67 0.00	27.60 0.55 0.00	26.41 0.47 0.00	26.58 0.47 0.00	26.75 0.48 0.00	27.39 0.49 0.00	30.75 0.58 0.00	31.34 0.60 0.00	36.54 0.69 0.00	33.78 0.67 0.00	30.25 0.52 0.00	30.92 0.50 0.00	28.87 0.46 0.00	30.86 0.49 0.00	34.02 0.57 0.00	29.56 0.51 0.00	33.10 0.59 0.00	37.78 0.69 0.00	44.29 0.83 0.00	35.37 0.68 0.00	26.03 0.51 0.00	24.34 0.48 0.00	24.19 0.46 0.00	24.39 0.42 0.00
GILBOA___2 23757	31.31 0.67 0.00	27.60 0.55 0.00	26.41 0.47 0.00	26.58 0.47 0.00	26.75 0.48 0.00	27.39 0.49 0.00	30.75 0.58 0.00	31.34 0.60 0.00	36.54 0.69 0.00	33.78 0.67 0.00	30.25 0.52 0.00	30.92 0.50 0.00	28.87 0.46 0.00	30.86 0.49 0.00	34.02 0.57 0.00	29.56 0.51 0.00	33.10 0.59 0.00	37.78 0.69 0.00	44.29 0.83 0.00	35.37 0.68 0.00	26.03 0.51 0.00	24.34 0.48 0.00	24.19 0.46 0.00	24.39 0.42 0.00
GILBOA___3 23758	31.31 0.67 0.00	27.60 0.55 0.00	26.41 0.47 0.00	26.58 0.47 0.00	26.75 0.48 0.00	27.39 0.49 0.00	30.75 0.58 0.00	31.34 0.60 0.00	36.54 0.69 0.00	33.78 0.67 0.00	30.25 0.52 0.00	30.92 0.50 0.00	28.87 0.46 0.00	30.86 0.49 0.00	34.02 0.57 0.00	29.56 0.51 0.00	33.10 0.59 0.00	37.78 0.69 0.00	44.29 0.83 0.00	35.37 0.68 0.00	26.03 0.51 0.00	24.34 0.48 0.00	24.19 0.46 0.00	24.39 0.42 0.00

GILBOA___4 23759	31.31 0.67 0.00	27.60 0.55 0.00	26.41 0.47 0.00	26.58 0.47 0.00	26.75 0.48 0.00	27.39 0.49 0.00	30.75 0.58 0.00	31.34 0.60 0.00	36.54 0.69 0.00	33.78 0.67 0.00	30.25 0.52 0.00	30.92 0.50 0.00	28.87 0.46 0.00	30.86 0.49 0.00	34.02 0.57 0.00	29.56 0.51 0.00	33.10 0.59 0.00	37.78 0.69 0.00	44.29 0.83 0.00	35.37 0.68 0.00	26.03 0.51 0.00	24.34 0.48 0.00	24.19 0.46 0.00	24.39 0.42 0.00
GILBOA____ 23599	31.31 0.67 0.00	27.60 0.55 0.00	26.41 0.48 0.00	26.57 0.47 0.00	26.75 0.48 0.00	27.40 0.49 0.00	30.75 0.59 0.00	31.34 0.60 0.00	36.54 0.69 0.00	33.78 0.67 0.00	30.25 0.52 0.00	30.92 0.50 0.00	28.87 0.46 0.00	30.86 0.49 0.00	34.02 0.57 0.00	29.56 0.51 0.00	33.10 0.59 0.00	37.78 0.70 0.00	44.29 0.83 0.00	35.37 0.68 0.00	26.03 0.51 0.00	24.34 0.48 0.00	24.20 0.46 0.00	24.39 0.42 0.00
GINNA____ 23603	27.93 -2.62 0.09	24.79 -2.26 0.00	23.86 -2.07 0.00	24.00 -2.10 0.00	24.14 -2.12 0.00	24.49 -2.12 0.30	27.68 -2.39 0.10	28.14 -2.54 0.05	32.87 -2.99 0.00	30.33 -2.79 0.00	27.41 -2.33 0.00	28.08 -2.34 0.00	26.20 -2.21 0.00	27.97 -2.40 0.00	30.76 -2.69 0.00	26.68 -2.37 0.00	29.81 -2.70 0.00	34.16 -2.93 0.00	39.97 -3.49 0.00	31.87 -2.81 0.00	23.38 -2.14 0.00	21.83 -2.03 0.00	21.77 -1.97 0.00	22.05 -1.92 0.00
GLEN PARK____ 23778	30.62 -0.02 0.00	27.01 -0.05 0.00	25.79 -0.14 0.00	25.89 -0.22 0.00	26.03 -0.24 0.00	26.66 -0.24 0.00	29.94 -0.23 0.00	30.51 -0.23 0.00	35.55 -0.30 0.00	32.91 -0.20 0.00	29.82 0.09 0.00	30.64 0.23 0.00	28.63 0.22 0.00	30.56 0.19 0.00	33.59 0.15 0.00	29.16 0.10 0.00	32.80 0.29 0.00	37.25 0.16 0.00	43.27 -0.19 0.00	34.04 -0.64 0.00	25.23 -0.29 0.00	23.71 -0.15 0.00	23.48 -0.26 0.00	23.32 -0.65 0.00
GLENDALE_27_KV_LOAD 356172	32.37 1.74 0.00	28.48 1.42 0.00	27.15 1.22 0.00	27.27 1.17 0.00	27.48 1.22 0.00	28.16 1.26 0.00	31.60 1.44 0.00	32.27 1.54 0.00	37.67 1.82 0.00	34.88 1.76 0.00	31.18 1.45 0.00	31.87 1.46 0.00	29.74 1.34 0.00	31.74 1.38 0.00	34.97 1.53 0.00	30.48 1.43 0.00	34.18 1.67 0.00	39.05 1.96 0.00	45.71 2.25 0.00	36.59 1.91 0.00	26.94 1.42 0.00	25.23 1.38 0.00	25.05 1.31 0.00	25.17 1.20 0.00
GLENWOOD_IC_1_G5 23712	89.26 2.05 -56.57	28.84 1.78 0.00	27.45 1.52 0.00	27.66 1.55 0.00	27.88 1.62 0.00	28.48 1.58 0.00	32.00 1.83 0.00	32.74 2.01 0.00	46.53 2.38 -8.30	40.90 2.26 -5.53	96.72 1.92 -65.08	36.92 1.94 -4.57	36.77 1.79 -6.58	33.93 1.87 -1.69	36.85 2.06 -1.35	33.19 1.87 -2.28	37.98 2.05 -3.42	39.44 2.35 0.00	47.74 2.76 -1.53	71.38 2.29 -34.40	27.33 1.81 0.00	25.54 1.69 0.00	25.35 1.62 0.00	25.51 1.54 0.00
GLENWOOD_IC_2_G1 23688	89.25 2.04 -56.57	28.76 1.70 0.00	27.39 1.46 0.00	27.59 1.48 0.00	27.82 1.55 0.00	28.40 1.49 0.00	31.90 1.74 0.00	32.64 1.91 0.00	46.41 2.25 -8.30	40.79 2.14 -5.53	96.61 1.80 -65.08	36.80 1.82 -4.57	36.67 1.68 -6.58	33.82 1.76 -1.69	36.73 1.94 -1.35	33.10 1.77 -2.28	37.95 2.02 -3.42	39.42 2.33 0.00	47.72 2.73 -1.53	71.36 2.26 -34.40	27.24 1.72 0.00	25.46 1.60 0.00	25.28 1.54 0.00	25.43 1.46 0.00
GLENWOOD_IC_3_G1 23689	89.25 2.04 -56.57	28.76 1.70 0.00	27.39 1.46 0.00	27.59 1.48 0.00	27.82 1.55 0.00	28.40 1.49 0.00	31.90 1.74 0.00	32.64 1.91 0.00	46.41 2.25 -8.30	40.79 2.14 -5.53	96.61 1.80 -65.08	36.80 1.82 -4.57	36.67 1.68 -6.58	33.82 1.76 -1.69	36.73 1.94 -1.35	33.10 1.77 -2.28	37.95 2.02 -3.42	39.42 2.33 0.00	47.72 2.73 -1.53	71.36 2.26 -34.40	27.24 1.72 0.00	25.46 1.60 0.00	25.28 1.54 0.00	25.43 1.46 0.00
GLENWOOD___4 23550	89.29 2.09 -56.57	28.84 1.78 0.00	27.45 1.52 0.00	27.66 1.55 0.00	27.88 1.62 0.00	28.48 1.58 0.00	32.00 1.83 0.00	32.74 2.01 0.00	46.53 2.38 -8.30	40.90 2.26 -5.53	96.72 1.92 -65.08	36.92 1.94 -4.57	36.77 1.79 -6.58	33.93 1.87 -1.69	36.85 2.06 -1.35	33.20 1.87 -2.28	38.02 2.09 -3.42	39.49 2.40 0.00	47.80 2.81 -1.53	71.43 2.34 -34.40	27.33 1.81 0.00	25.54 1.69 0.00	25.35 1.62 0.00	25.51 1.54 0.00
GLENWOOD___5 23614	89.29 2.09 -56.57	28.84 1.78 0.00	27.45 1.52 0.00	27.66 1.55 0.00	27.88 1.62 0.00	28.48 1.58 0.00	32.00 1.83 0.00	32.74 2.01 0.00	46.53 2.38 -8.30	40.90 2.26 -5.53	96.72 1.92 -65.08	36.92 1.94 -4.57	36.77 1.79 -6.58	33.93 1.87 -1.69	36.85 2.06 -1.35	33.20 1.87 -2.28	38.02 2.09 -3.42	39.49 2.40 0.00	47.80 2.81 -1.53	71.43 2.34 -34.40	27.33 1.81 0.00	25.54 1.69 0.00	25.35 1.62 0.00	25.51 1.54 0.00
GLOBAL GREEN_PORT_GT1 23814	90.95 3.74 -56.57	30.18 3.13 0.00	28.77 2.84 0.00	29.07 2.96 0.00	29.32 3.06 0.00	29.93 3.03 0.00	33.60 3.43 0.00	34.45 3.72 0.00	48.50 4.35 -8.30	42.45 3.81 -5.53	98.21 3.40 -65.08	38.35 3.37 -4.57	38.05 3.06 -6.58	35.37 3.31 -1.69	38.46 3.67 -1.35	34.68 3.36 -2.28	39.83 3.89 -3.42	41.60 4.51 0.00	50.38 5.39 -1.53	73.38 4.29 -34.40	28.65 3.13 0.00	26.83 2.98 0.00	26.53 2.79 0.00	26.65 2.68 0.00
GLOBE___DSASP 323697	27.67 -2.97 0.00	24.59 -2.47 0.00	23.77 -2.16 0.00	23.93 -2.18 0.00	24.07 -2.19 0.00	24.73 -2.17 0.00	27.51 -2.65 0.00	27.63 -3.11 0.00	32.10 -3.75 0.00	29.51 -3.61 0.00	26.81 -2.92 0.00	27.55 -2.87 0.00	25.72 -2.68 0.00	27.40 -2.96 0.00	30.02 -3.43 0.00	26.00 -3.05 0.00	28.86 -3.65 0.00	33.27 -3.82 0.00	38.78 -4.68 0.00	30.93 -3.76 0.00	22.62 -2.90 0.00	21.14 -2.72 0.00	21.24 -2.50 0.00	21.69 -2.28 0.00
GOETHSLN___LBMP 323567	32.07 1.43 0.00	28.20 1.14 0.00	26.88 0.95 0.00	27.00 0.89 0.00	27.22 0.95 0.00	27.89 0.98 0.00	31.29 1.13 0.00	31.96 1.23 0.00	37.34 1.48 0.00	34.53 1.41 0.00	30.83 1.09 0.00	31.51 1.10 0.00	29.42 1.01 0.00	31.39 1.03 0.00	34.58 1.14 0.00	30.14 1.08 0.00	33.84 1.33 0.00	38.64 1.55 0.00	45.23 1.77 0.00	36.20 1.51 0.00	26.66 1.14 0.00	24.98 1.13 0.00	24.81 1.07 0.00	24.95 0.98 0.00
GOLAH___69_KV_TB 1_2 80279	29.26 -1.38 0.00	25.93 -1.13 0.00	24.95 -0.98 0.00	25.11 -1.00 0.00	25.26 -1.00 0.00	25.93 -0.97 0.00	29.02 -1.14 0.00	29.39 -1.35 0.00	34.24 -1.61 0.00	31.56 -1.55 0.00	28.56 -1.17 0.00	29.28 -1.14 0.00	27.33 -1.08 0.00	29.16 -1.21 0.00	32.03 -1.42 0.00	27.78 -1.28 0.00	30.99 -1.52 0.00	35.64 -1.45 0.00	41.69 -1.78 0.00	33.25 -1.43 0.00	24.35 -1.17 0.00	22.74 -1.11 0.00	22.72 -1.02 0.00	23.02 -0.95 0.00
GOODYEAR_LAKE_HYD 323669	31.65 1.02 0.00	27.92 0.87 0.00	26.74 0.81 0.00	26.90 0.79 0.00	27.10 0.83 0.00	27.78 0.88 0.00	31.18 1.02 0.00	31.84 1.10 0.00	37.19 1.33 0.00	34.37 1.25 0.00	30.86 1.13 0.00	31.58 1.17 0.00	29.52 1.11 0.00	31.53 1.17 0.00	34.70 1.25 0.00	30.11 1.06 0.00	33.62 1.11 0.00	38.40 1.31 0.00	45.06 1.60 0.00	35.91 1.23 0.00	26.38 0.86 0.00	24.65 0.79 0.00	24.53 0.79 0.00	24.72 0.76 0.00

GOUDEY___7	30.31 -0.32 0.00	26.75 -0.30 0.00	25.61 -0.32 0.00	25.77 -0.34 0.00	25.96 -0.30 0.00	26.59 -0.31 0.00	29.87 -0.30 0.00	30.43 -0.31 0.00	35.54 -0.32 0.00	32.76 -0.36 0.00	29.52 -0.21 0.00	30.17 -0.24 0.00	28.18 -0.23 0.00	30.09 -0.27 0.00	33.11 -0.33 0.00	28.77 -0.29 0.00	32.11 -0.41 0.00	36.70 -0.40 0.00	43.03 -0.44 0.00	34.30 -0.39 0.00	25.24 -0.27 0.00	23.59 -0.27 0.00	23.51 -0.23 0.00	23.73 -0.24 0.00
345031																								
GOUDEY___8	30.34 -0.30 0.00	26.77 -0.28 0.00	25.64 -0.29 0.00	25.79 -0.31 0.00	25.98 -0.28 0.00	26.61 -0.29 0.00	29.89 -0.27 0.00	30.45 -0.28 0.00	35.56 -0.29 0.00	32.79 -0.33 0.00	29.55 -0.18 0.00	30.19 -0.22 0.00	28.21 -0.20 0.00	30.12 -0.24 0.00	33.15 -0.30 0.00	28.79 -0.26 0.00	32.13 -0.38 0.00	36.73 -0.36 0.00	43.07 -0.40 0.00	34.33 -0.35 0.00	25.27 -0.25 0.00	23.61 -0.25 0.00	23.53 -0.21 0.00	23.76 -0.21 0.00
23579																								
GOWANUS_GT1_1	30.31 -0.32 0.00	26.75 -0.30 0.00	25.61 -0.32 0.00	25.77 -0.34 0.00	25.96 -0.30 0.00	26.59 -0.31 0.00	29.87 -0.30 0.00	30.43 -0.31 0.00	35.54 -0.32 0.00	32.76 -0.36 0.00	29.52 -0.21 0.00	30.17 -0.24 0.00	28.18 -0.23 0.00	30.09 -0.27 0.00	33.11 -0.33 0.00	28.77 -0.29 0.00	32.11 -0.41 0.00	36.70 -0.40 0.00	43.03 -0.44 0.00	34.30 -0.39 0.00	25.24 -0.27 0.00	23.59 -0.27 0.00	23.51 -0.23 0.00	23.73 -0.24 0.00
23580																								
GOWANUS_GT1_2	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.33 1.22 0.00	27.53 1.27 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.69 1.83 0.00	34.88 1.76 0.00	31.15 1.42 0.00	31.82 1.41 0.00	29.71 1.30 0.00	31.71 1.35 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.20 0.00	36.57 1.89 0.00	26.93 1.41 0.00	25.23 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
24077																								
GOWANUS_GT1_2	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.33 1.22 0.00	27.53 1.27 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.69 1.83 0.00	34.88 1.76 0.00	31.15 1.42 0.00	31.82 1.41 0.00	29.71 1.30 0.00	31.71 1.35 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.20 0.00	36.57 1.89 0.00	26.93 1.41 0.00	25.23 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
24078																								
GOWANUS_GT1_3	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.33 1.22 0.00	27.53 1.27 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.69 1.83 0.00	34.88 1.76 0.00	31.15 1.42 0.00	31.82 1.41 0.00	29.71 1.30 0.00	31.71 1.35 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.20 0.00	36.57 1.89 0.00	26.93 1.41 0.00	25.23 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
24079																								
GOWANUS_GT1_4	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.33 1.22 0.00																				

GOWANUS_GT2_5 24118	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT2_6 24119	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT2_7 24120	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT2_8 24121	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT3_1 24122	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
GOWANUS_GT3_2 24123	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
GOWANUS_GT3_3 24124	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
GOWANUS_GT3_4 24125	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.0														

GOWANUS_GT4_4 24133	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT4_5 24134	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT4_6 24135	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT4_7 24136	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GOWANUS_GT4_8 24137	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GREENBSH_115KV_TB3 55895	31.11 0.47 0.00	27.49 0.44 0.00	26.34 0.40 0.00	26.50 0.39 0.00	26.64 0.38 0.00	27.29 0.39 0.00	30.59 0.43 0.00	31.11 0.37 0.00	36.21 0.36 0.00	33.50 0.39 0.00	29.97 0.24 0.00	30.64 0.23 0.00	28.60 0.19 0.00	30.59 0.23 0.00	33.76 0.31 0.00	29.35 0.30 0.00	32.95 0.44 0.00	37.58 0.49 0.00	43.92 0.46 0.00	35.10 0.41 0.00	25.82 0.31 0.00	24.16 0.30 0.00	23.99 0.25 0.00	24.16 0.19 0.00
GREENDGE_115KV_TB5 80291	29.98 -0.66 0.00	26.50 -0.55 0.00	25.40 -0.54 0.00	25.54 -0.57 0.00	25.70 -0.56 0.00	26.36 -0.54 0.00	29.58 -0.59 0.00	30.09 -0.65 0.00	35.02 -0.84 0.00	32.30 -0.82 0.00	29.42 -0.31 0.00	30.02 -0.39 0.00	28.02 -0.39 0.00	29.84 -0.52 0.00	32.66 -0.78 0.00	28.48 -0.57 0.00	31.64 -0.87 0.00	36.13 -0.95 0.00	42.38 -1.08 0.00	33.92 -0.76 0.00	24.99 -0.53 0.00	23.31 -0.55 0.00	23.22 -0.51 0.00	23.55 -0.42 0.00
GREENIDGE___3 23582	29.98 -0.66 0.00	26.50 -0.55 0.00	25.40 -0.54 0.00	25.54 -0.57 0.00	25.70 -0.56 0.00	26.36 -0.54 0.00	29.58 -0.59 0.00	30.09 -0.65 0.00	35.02 -0.84 0.00	32.30 -0.82 0.00	29.42 -0.31 0.00	30.02 -0.39 0.00	28.02 -0.39 0.00	29.84 -0.52 0.00	32.66 -0.78 0.00	28.48 -0.57 0.00	31.64 -0.87 0.00	36.13 -0.95 0.00	42.38 -1.08 0.00	33.92 -0.76 0.00	24.99 -0.53 0.00	23.31 -0.55 0.00	23.22 -0.51 0.00	23.55 -0.42 0.00
GREENIDGE___4 23583	30.07 -0.66 -0.09	26.51 -0.55 0.00	25.40 -0.54 0.00	25.54 -0.57 0.00	25.70 -0.56 0.00	26.64 -0.54 -0.29	29.67 -0.59 -0.10	30.13 -0.65 -0.05	35.02 -0.84 0.00	32.30 -0.81 0.00	29.42 -0.31 0.00	30.02 -0.39 0.00	28.03 -0.38 0.00	29.84 -0.52 0.00	32.69 -0.76 0.00	28.48 -0.57 0.00	31.64 -0.87 0.00	36.13 -0.95 0.00	42.38 -1.08 0.00	33.93 -0.76 0.00	24.99 -0.52 0.00	23.31 -0.55 0.00	23.22 -0.51 0.00	23.55 -0.42 0.00
GREENLWN_69_KV_BK 3 55738	89.37 2.16 -56.57	28.82 1.76 0.00	27.41 1.48 0.00	27.65 1.55 0.00	27.88 1.62 0.00	28.44 1.53 0.00	31.95 1.79 0.00	32.72 1.99 0.00	46.55 2.40 -8.30	40.89 2.24 -5.53	96.69 1.88 -65.08	36.82 1.83 -4.57	36.69 1.70 -6.58	33.85 1.79 -1.69	36.75 1.95 -1.35	33.11 1.79 -2.28	38.00 2.06 -3.42	39.46 2.37 0.00	47.82 2.83 -1.53	71.42 2.33 -34.40	27.25 1.73 0.00	25.47 1.62 0.00	25.27 1.53 0.00	25.45 1.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
GRISSOM___SOLAR 323813	33.71 3.07 0.00	29.71 2.66 0.00	28.46 2.53 0.00	28.58 2.47 0.00	28.76 2.50 0.00	29.50 2.60 0.00	33.25 3.08 0.00	34.02 3.28 0.00	39.66 3.81 0.00	36.78 3.66 0.00	32.94 3.20 0.00	33.63 3.22 0.00	31.55 3.14 0.00	33.71 3.35 0.00	37.10 3.66 0.00	32.32 3.27 0.00	36.35 3.84 0.00	41.44 4.36 0.00	48.60 5.14 0.00	38.66 3.97 0.00	28.40 2.88 0.00	26.49 2.63 0.00	26.22 2.48 0.00	26.41 2.44 0.00
GROVEVILLE___HYD 323602	32.39 1.75 0.00	28.49 1.43 0.00	27.21 1.28 0.00	27.37 1.26 0.00	27.56 1.30 0.00	28.23 1.33 0.00	31.72 1.56 0.00	32.37 1.64 0.00	37.80 1.94 0.00	34.96 1.85 0.00	31.25 1.53 0.00	31.93 1.52 0.00	29.80 1.39 0.00	31.83 1.47 0.00	35.08 1.63 0.00	30.55 1.49 0.00	34.33 1.82 0.00	39.23 2.15 0.00	45.87 2.42 0.00	36.64 1.95 0.00	26.97 1.45 0.00	25.21 1.35 0.00	25.02 1.28 0.00	25.17 1.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.04 -0.60 0.00	26.54 -0.52 0.00	25.46 -0.47 0.00	25.62 -0.48 0.00	25.75 -0.51 0.00	26.39 -0.51 0.00	29.61 -0.55 0.00	30.18 -0.56 0.00	35.22 -0.63 0.00	32.52 -0.59 0.00	29.25 -0.47 0.00	29.92 -0.49 0.00	27.94 -0.47 0.00	29.88 -0.49 0.00	32.90 -0.54 0.00	28.56 -0.49 0.00	31.95 -0.56 0.00	36.49 -0.59 0.00	42.73 -0.73 0.00	34.10 -0.58 0.00	25.11 -0.41 0.00	23.46 -0.40 0.00	23.35 -0.39 0.00	23.64 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	30.08 -0.56 0.00	26.54 -0.51 0.00	25.47 -0.46 0.00	25.63 -0.48 0.00	25.75 -0.51 0.00	26.39 -0.51 0.00	29.61 -0.56 0.00	30.18 -0.56 0.00	35.22 -0.64 0.00	32.53 -0.59 0.00	29.28 -0.45 0.00	29.94 -0.47 0.00	27.96 -0.45 0.00	29.88 -0.48 0.00	32.89 -0.55 0.00	28.57 -0.49 0.00	31.95 -0.56 0.00	36.52 -0.57 0.00	42.76 -0.70 0.00	34.12 -0.57 0.00	25.09 -0.42 0.00	23.45 -0.41 0.00	23.34 -0.39 0.00	23.62 -0.34 0.00

HAMPSHIRE___PAPER_HYD 323593	30.52 -0.11 0.00	26.95 -0.10 0.00	25.80 -0.13 0.00	26.00 -0.10 0.00	26.14 -0.12 0.00	26.76 -0.15 0.00	29.95 -0.22 0.00	30.50 -0.23 0.00	35.54 -0.31 0.00	32.88 -0.23 0.00	29.69 -0.04 0.00	30.46 0.05 0.00	28.47 0.06 0.00	30.42 0.05 0.00	33.44 0.00 0.00	29.03 -0.02 0.00	32.52 0.02 0.00	36.96 -0.13 0.00	43.17 -0.30 0.00	34.21 -0.48 0.00	25.25 -0.26 0.00	23.65 -0.21 0.00	23.50 -0.24 0.00	23.48 -0.49 0.00
HARDSCRABBLE_WT_PWR 323673	30.65 0.01 0.00	26.97 -0.08 0.00	25.75 -0.18 0.00	25.94 -0.17 0.00	26.16 -0.10 0.00	26.79 -0.11 0.00	30.21 0.04 0.00	30.86 0.12 0.00	35.95 0.10 0.00	33.26 0.14 0.00	29.80 0.07 0.00	30.50 0.09 0.00	28.52 0.11 0.00	30.51 0.15 0.00	33.73 0.28 0.00	29.29 0.24 0.00	32.77 0.25 0.00	37.04 -0.05 0.00	43.67 0.21 0.00	34.83 0.14 0.00	25.61 0.09 0.00	23.97 0.11 0.00	23.73 -0.01 0.00	23.92 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.10 1.46 0.00	28.24 1.19 0.00	26.97 1.04 0.00	27.12 1.02 0.00	27.34 1.07 0.00	27.98 1.08 0.00	31.44 1.27 0.00	32.12 1.38 0.00	37.48 1.63 0.00	34.63 1.52 0.00	30.97 1.24 0.00	31.66 1.25 0.00	29.56 1.16 0.00	31.57 1.21 0.00	34.79 1.34 0.00	30.29 1.23 0.00	34.03 1.52 0.00	38.87 1.78 0.00	45.50 2.04 0.00	36.33 1.64 0.00	26.74 1.22 0.00	25.00 1.15 0.00	24.83 1.09 0.00	25.00 1.03 0.00
HARSNRAD_115KV_TB1 81005	28.21 -2.43 0.00	25.05 -2.01 0.00	24.20 -1.73 0.00	24.35 -1.76 0.00	24.51 -1.76 0.00	25.15 -1.75 0.00	28.04 -2.12 0.00	28.20 -2.54 0.00	32.78 -3.07 0.00	30.15 -2.97 0.00	27.39 -2.34 0.00	28.12 -2.29 0.00	26.25 -2.16 0.00	27.97 -2.39 0.00	30.66 -2.79 0.00	26.56 -2.49 0.00	29.49 -3.02 0.00	34.01 -3.08 0.00	39.78 -3.68 0.00	31.76 -2.92 0.00	23.23 -2.29 0.00	21.70 -2.15 0.00	21.79 -1.95 0.00	22.13 -1.84 0.00
HARZA MOOSE___RIVER 24016	31.09 0.45 0.00	27.45 0.40 0.00	26.24 0.31 0.00	26.42 0.31 0.00	26.56 0.30 0.00	27.23 0.33 0.00	30.55 0.38 0.00	31.11 0.37 0.00	36.25 0.39 0.00	33.57 0.46 0.00	30.32 0.59 0.00	31.10 0.69 0.00	29.04 0.63 0.00	31.04 0.68 0.00	34.15 0.70 0.00	29.65 0.59 0.00	33.25 0.74 0.00	37.76 0.67 0.00	44.02 0.56 0.00	34.88 0.19 0.00	25.78 0.27 0.00	24.14 0.28 0.00	23.99 0.25 0.00	23.95 -0.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.79 -0.85 0.00	26.36 -0.69 0.00	25.30 -0.63 0.00	25.46 -0.65 0.00	25.60 -0.66 0.00	26.25 -0.66 0.00	29.44 -0.72 0.00	30.00 -0.74 0.00	35.00 -0.85 0.00	32.32 -0.79 0.00	29.07 -0.66 0.00	29.74 -0.67 0.00	27.77 -0.64 0.00	29.68 -0.68 0.00	32.68 -0.77 0.00	28.34 -0.71 0.00	31.66 -0.85 0.00	36.18 -0.91 0.00	42.36 -1.10 0.00	33.83 -0.86 0.00	24.93 -0.59 0.00	23.31 -0.55 0.00	23.20 -0.54 0.00	23.49 -0.48 0.00
HELLGATE_13_KV_LD 55870	32.24 1.60 0.00	28.37 1.32 0.00	27.05 1.12 0.00	27.18 1.07 0.00	27.38 1.11 0.00	28.05 1.15 0.00	31.48 1.31 0.00	32.14 1.41 0.00	37.51 1.66 0.00	34.73 1.61 0.00	31.04 1.31 0.00	31.73 1.31 0.00	29.62 1.21 0.00	31.60 1.23 0.00	34.82 1.37 0.00	30.35 1.29 0.00	34.02 1.51 0.00	38.87 1.78 0.00	45.50 2.04 0.00	36.44 1.75 0.00	26.82 1.30 0.00	25.12 1.27 0.00	24.94 1.20 0.00	25.07 1.10 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.24 1.60 0.00	28.37 1.32 0.00	27.05 1.12 0.00	27.18 1.07 0.00	27.38 1.11 0.00	28.05 1.15 0.00	31.48 1.31 0.00	32.14 1.41 0.00	37.51 1.66 0.00	34.73 1.61 0.00	31.04 1.31 0.00	31.73 1.31 0.00	29.62 1.21 0.00	31.60 1.23 0.00	34.82 1.37 0.00	30.35 1.29 0.00	34.02 1.51 0.00	38.87 1.78 0.00	45.50 2.04 0.00	36.44 1.75 0.00	26.82 1.30 0.00	25.12 1.27 0.00	24.94 1.20 0.00	25.07 1.10 0.00
HEMPSTEAD____ 23647	89.20 1.99 -56.57	28.70 1.65 0.00	27.32 1.39 0.00	27.54 1.43 0.00	27.76 1.50 0.00	28.34 1.43 0.00	31.83 1.67 0.00	32.58 1.85 0.00	46.34 2.18 -8.30	40.74 2.09 -5.53	96.57 1.76 -65.08	36.76 1.78 -4.57	36.63 1.64 -6.58	33.77 1.71 -1.69	36.67 1.88 -1.35	33.05 1.72 -2.28	37.91 1.97 -3.42	39.36 2.27 0.00	47.64 2.66 -1.53	71.27 2.19 -34.40	27.19 1.68 0.00	25.42 1.57 0.00	25.24 1.50 0.00	25.40 1.43 0.00
HEWLETT__69_KV_BK3 55828	89.41 2.20 -56.57	28.86 1.80 0.00	27.49 1.56 0.00	27.67 1.57 0.00	27.90 1.64 0.00	28.48 1.58 0.00	32.01 1.85 0.00	32.73 2.00 0.00	46.52 2.37 -8.30	40.91 2.26 -5.53	96.72 1.91 -65.08	36.92 1.94 -4.57	36.79 1.81 -6.58	33.94 1.88 -1.69	36.87 2.08 -1.35	33.22 1.89 -2.28	38.06 2.12 -3.42	39.43 2.34 0.00	47.75 2.76 -1.53	71.53 2.44 -34.40	27.34 1.82 0.00	25.55 1.70 0.00	25.37 1.63 0.00	25.53 1.56 0.00
HICKLING___1 23621	29.89 -0.75 0.00	26.39 -0.66 0.00	25.25 -0.68 0.00	25.41 -0.70 0.00	25.59 -0.68 0.00	26.22 -0.69 0.00	29.46 -0.71 0.00	29.99 -0.74 0.00	35.10 -0.76 0.00	32.29 -0.82 0.00	29.28 -0.45 0.00	29.86 -0.55 0.00	27.88 -0.53 0.00	29.72 -0.65 0.00	32.66 -0.78 0.00	28.40 -0.65 0.00	31.49 -1.02 0.00	36.02 -1.07 0.00	42.25 -1.21 0.00	33.67 -1.01 0.00	24.75 -0.76 0.00	23.09 -0.76 0.00	23.05 -0.69 0.00	23.31 -0.66 0.00
HICKLING___2 23622	29.89 -0.75 0.00	26.39 -0.66 0.00	25.25 -0.68 0.00	25.41 -0.70 0.00	25.59 -0.68 0.00	26.22 -0.69 0.00	29.46 -0.71 0.00	29.99 -0.74 0.00	35.10 -0.76 0.00	32.29 -0.82 0.00	29.28 -0.45 0.00	29.86 -0.55 0.00	27.88 -0.53 0.00	29.72 -0.65 0.00	32.66 -0.78 0.00	28.40 -0.65 0.00	31.49 -1.02 0.00	36.02 -1.07 0.00	42.25 -1.21 0.00	33.67 -1.01 0.00	24.75 -0.76 0.00	23.09 -0.76 0.00	23.05 -0.69 0.00	23.31 -0.66 0.00
HIGH FALLS___HY 23754	32.60 1.96 0.00	28.65 1.59 0.00	27.33 1.40 0.00	27.48 1.38 0.00	27.70 1.44 0.00	28.36 1.46 0.00	31.90 1.74 0.00	32.61 1.87 0.00	38.12 2.26 0.00	35.25 2.13 0.00	31.50 1.77 0.00	32.16 1.75 0.00	30.00 1.60 0.00	32.03 1.67 0.00	35.28 1.83 0.00	30.75 1.70 0.00	34.58 2.07 0.00	39.56 2.47 0.00	46.29 2.82 0.00	36.93 2.25 0.00	27.18 1.67 0.00	25.40 1.55 0.00	25.22 1.48 0.00	25.36 1.39 0.00
HILLBURN___GT 23639	32.00 1.37 0.00	28.17 1.11 0.00	26.89 0.96 0.00	27.05 0.94 0.00	27.27 1.01 0.00	27.90 1.00 0.00	31.34 1.18 0.00	32.01 1.27 0.00	37.34 1.49 0.00	34.50 1.38 0.00	30.83 1.10 0.00	31.51 1.10 0.00	29.44 1.03 0.00	31.44 1.08 0.00	34.63 1.19 0.00	30.15 1.10 0.00	33.87 1.36 0.00	38.69 1.61 0.00	45.31 1.85 0.00	36.21 1.52 0.00	26.66 1.14 0.00	24.93 1.08 0.00	24.77 1.03 0.00	24.94 0.97 0.00
HILLSIDE_115KV_TB1 80332	29.61 -1.03 0.00	26.13 -0.93 0.00	24.99 -0.94 0.00	25.14 -0.96 0.00	25.34 -0.92 0.00	25.95 -0.95 0.00	29.16 -1.00 0.00	29.69 -1.05 0.00	34.72 -1.14 0.00	31.93 -1.19 0.00	28.91 -0.82 0.00	29.52 -0.89 0.00	27.58 -0.82 0.00	29.41 -0.95 0.00	32.32 -1.13 0.00	28.09 -0.96 0.00	31.23 -1.28 0.00	35.70 -1.39 0.00	41.90 -1.56 0.00	33.37 -1.32 0.00	24.57 -0.94 0.00	22.94 -0.91 0.00	22.90 -0.84 0.00	23.14 -0.83 0.00

HISHELDN_WT_PWR 323625	28.57 -1.94 0.13	25.44 -1.62 0.00	24.51 -1.42 0.00	24.65 -1.46 0.00	24.78 -1.48 0.00	25.01 -1.46 0.43	28.33 -1.69 0.15	28.71 -1.96 0.07	33.56 -2.30 0.00	30.91 -2.21 0.00	28.09 -1.64 0.00	28.62 -1.79 0.00	26.70 -1.71 0.00	28.50 -1.87 0.00	31.30 -2.14 0.00	27.11 -1.94 0.00	29.98 -2.53 0.00	34.49 -2.60 0.00	40.39 -3.07 0.00	32.23 -2.45 0.00	23.57 -1.95 0.00	21.99 -1.86 0.00	22.08 -1.66 0.00	22.41 -1.56 0.00
HOLTSVILLE_IC_1 23690	89.81 2.60 -56.57	29.17 2.12 0.00	27.76 1.83 0.00	28.04 1.94 0.00	28.28 2.02 0.00	28.83 1.93 0.00	32.36 2.20 0.00	33.17 2.43 0.00	47.01 2.86 -8.30	41.19 2.55 -5.53	97.08 2.27 -65.08	37.25 2.27 -4.57	37.06 2.07 -6.58	34.25 2.19 -1.69	37.20 2.40 -1.35	33.53 2.20 -2.28	38.46 2.53 -3.42	39.98 2.89 0.00	48.48 3.50 -1.53	71.94 2.85 -34.40	27.61 2.10 0.00	25.85 2.00 0.00	25.62 1.88 0.00	25.80 1.83 0.00
HOLTSVILLE_IC_10 23699	89.97 2.76 -56.57	29.33 2.27 0.00	27.91 1.98 0.00	28.18 2.08 0.00	28.42 2.16 0.00	28.99 2.08 0.00	32.53 2.37 0.00	33.35 2.62 0.00	47.22 3.07 -8.30	41.39 2.74 -5.53	97.27 2.46 -65.08	37.45 2.47 -4.57	37.24 2.25 -6.58	34.45 2.39 -1.69	37.41 2.62 -1.35	33.72 2.39 -2.28	38.69 2.76 -3.42	40.25 3.17 0.00	48.82 3.83 -1.53	72.19 3.10 -34.40	27.79 2.28 0.00	26.02 2.16 0.00	25.78 2.04 0.00	25.94 1.97 0.00
HOLTSVILLE_IC_2 23691	89.81 2.60 -56.57	29.17 2.12 0.00	27.76 1.83 0.00	28.04 1.94 0.00	28.28 2.02 0.00	28.83 1.93 0.00	32.36 2.20 0.00	33.17 2.43 0.00	47.01 2.86 -8.30	41.19 2.55 -5.53	97.08 2.27 -65.08	37.25 2.27 -4.57	37.06 2.07 -6.58	34.25 2.19 -1.69	37.20 2.40 -1.35	33.53 2.20 -2.28	38.46 2.53 -3.42	39.98 2.89 0.00	48.48 3.50 -1.53	71.94 2.85 -34.40	27.61 2.10 0.00	25.85 2.00 0.00	25.62 1.88 0.00	25.80 1.83 0.00
HOLTSVILLE_IC_3 23692	89.81 2.60 -56.57	29.17 2.12 0.00	27.76 1.83 0.00	28.04 1.94 0.00	28.28 2.02 0.00	28.83 1.93 0.00	32.36 2.20 0.00	33.17 2.43 0.00	47.01 2.86 -8.30	41.19 2.55 -5.53	97.08 2.27 -65.08	37.25 2.27 -4.57	37.06 2.07 -6.58	34.25 2.19 -1.69	37.20 2.40 -1.35	33.53 2.20 -2.28	38.46 2.53 -3.42	39.98 2.89 0.00	48.48 3.50 -1.53	71.94 2.85 -34.40	27.61 2.10 0.00	25.85 2.00 0.00	25.62 1.88 0.00	25.80 1.83 0.00
HOLTSVILLE_IC_4 23693	89.81 2.60 -56.57	29.17 2.12 0.00	27.76 1.83 0.00	28.04 1.94 0.00	28.28 2.02 0.00	28.83 1.93 0.00	32.36 2.20 0.00	33.17 2.43 0.00	47.01 2.86 -8.30	41.19 2.55 -5.53	97.08 2.27 -65.08	37.25 2.27 -4.57	37.06 2.07 -6.58	34.25 2.19 -1.69	37.20 2.40 -1.35	33.53 2.20 -2.28	38.46 2.53 -3.42	39.98 2.89 0.00	48.48 3.50 -1.53	71.94 2.85 -34.40	27.61 2.10 0.00	25.85 2.00 0.00	25.62 1.88 0.00	25.80 1.83 0.00
HOLTSVILLE_IC_5 23694	89.81 2.60 -56.57	29.17 2.12 0.00	27.76 1.83 0.00	28.04 1.94 0.00	28.28 2.02 0.00	28.83 1.93 0.00	32.36 2.20 0.00	33.17 2.43 0.00	47.01 2.86 -8.30	41.19 2.55 -5.53	97.08 2.27 -65.08	37.25 2.27 -4.57	37.06 2.07 -6.58	34.25 2.19 -1.69	37.20 2.40 -1.35	33.53 2.20 -2.28	38.46 2.53 -3.42	39.98 2.89 0.00	48.48 3.50 -1.53	71.94 2.85 -34.40	27.61 2.10 0.00	25.85 2.00 0.00	25.62 1.88 0.00	25.80 1.83 0.00
HOLTSVILLE_IC_6 23695	89.97 2.76 -56.57	29.33 2.27 0.00	27.91 1.98 0.00	28.18 2.08 0.00	28.42 2.16 0.00	28.99 2.08 0.00	32.53 2.37 0.00	33.35 2.62 0.00	47.22 3.07 -8.30	41.39 2.74 -5.53	97.27 2.46 -65.08	37.45 2.47 -4.57	37.24 2.25 -6.58	34.45 2.39 -1.69	37.41 2.62 -1.35	33.72 2.39 -2.28	38.69 2.76 -3.42	40.25 3.17 0.00	48.82 3.83 -1.53	72.19 3.10 -34.40	27.79 2.28 0.00	26.02 2.16 0.00	25.78 2.04 0.00	25.94 1.97 0.00
HOLTSVILLE_IC_7 23696	89.97 2.76 -56.57	29.33 2.27 0.00	27.91 1.98 0.00	28.18 2.08 0.00	28.42 2.16 0.00	28.99 2.08 0.00	32.53 2.37 0.00	33.35 2.62 0.00	47.22 3.07 -8.30	41.39 2.74 -5.53	97.27 2.46 -65.08	37.45 2.47 -4.57	37.24 2.25 -6.58	34.45 2.39 -1.69	37.41 2.62 -1.35	33.72 2.39 -2.28	38.69 2.76 -3.42	40.25 3.17 0.00	48.82 3.83 -1.53	72.19 3.10 -34.40	27.79 2.28 0.00	26.02 2.16 0.00	25.78 2.04 0.00	25.94 1.97 0.00
HOLTSVILLE_IC_8 23697	89.97 2.76 -56.57	29.33 2.27 0.00	27.91 1.98 0.00	28.18 2.08 0.00	28.42 2.16 0.00	28.99 2.08 0.00	32.53 2.37 0.00	33.35 2.62 0.00	47.22 3.07 -8.30	41.39 2.74 -5.53	97.27 2.46 -65.08	37.45 2.47 -4.57	37.24 2.25 -6.58	34.45 2.39 -1.69	37.41 2.62 -1.35	33.72 2.39 -2.28	38.69 2.76 -3.42	40.25 3.17 0.00	48.82 3.83 -1.53	72.19 3.10 -34.40	27.79 2.28 0.00	26.02 2.16 0.00	25.78 2.04 0.00	25.94 1.97 0.00
HOLTSVILLE_IC_9 23698	89.97 2.76 -56.57	29.33 2.27 0.00	27.91 1.98 0.00	28.18 2.08 0.00	28.42 2.16 0.00	28.99 2.08 0.00	32.53 2.37 0.00	33.35 2.62 0.00	47.22 3.07 -8.30	41.39 2.74 -5.53	97.27 2.46 -65.08	37.45 2.47 -4.57	37.24 2.25 -6.58	34.45 2.39 -1.69	37.41 2.62 -1.35	33.72 2.39 -2.28	38.69 2.76 -3.42	40.25 3.17 0.00	48.82 3.83 -1.53	72.19 3.10 -34.40	27.79 2.28 0.00	26.02 2.16 0.00	25.78 2.04 0.00	25.94 1.97 0.00
HOMER_HL_115KV_TB2 355744	29.92 -0.71 0.00	26.53 -0.52 0.00	25.49 -0.44 0.00	25.65 -0.46 0.00	25.85 -0.42 0.00	26.55 -0.35 0.00	29.75 -0.41 0.00	30.13 -0.61 0.00	35.13 -0.72 0.00	32.17 -0.94 0.00	29.03 -0.70 0.00	29.66 -0.75 0.00	27.71 -0.70 0.00	29.52 -0.85 0.00	32.43 -1.02 0.00	28.06 -0.99 0.00	31.20 -1.31 0.00	35.91 -1.18 0.00	42.13 -1.33 0.00	33.59 -1.10 0.00	24.63 -0.89 0.00	23.10 -0.75 0.00	23.26 -0.48 0.00	23.55 -0.42 0.00
HOWARD_WT_PWR 323690	29.19 -1.56 -0.11	25.75 -1.30 0.00	24.62 -1.31 0.00	24.74 -1.37 0.00	24.89 -1.37 0.00	25.95 -1.30 -0.34	28.88 -1.41 -0.12	29.41 -1.39 -0.06	34.40 -1.45 0.00	31.82 -1.30 0.00	29.04 -0.69 0.00	29.53 -0.88 0.00	27.48 -0.93 0.00	29.31 -1.05 0.00	32.20 -1.24 0.00	27.96 -1.09 0.00	30.33 -2.18 0.00	34.60 -2.49 0.00	40.63 -2.83 0.00	32.47 -2.22 0.00	23.66 -1.86 0.00	22.02 -1.84 0.00	22.08 -1.66 0.00	22.37 -1.60 0.00
HQ_GEN_CEDARS 23644	31.25 0.62 0.00	27.63 0.58 0.00	26.52 0.59 0.00	26.76 0.65 0.00	26.91 0.65 0.00	27.52 0.62 0.00	30.76 0.60 0.00	31.34 0.61 0.00	36.57 0.72 0.00	33.75 0.63 0.00	30.36 0.63 0.00	31.09 0.68 0.00	29.07 0.66 0.00	31.06 0.69 0.00	34.18 0.74 0.00	29.66 0.61 0.00	33.11 0.59 0.00	37.75 0.66 0.00	44.32 0.86 0.00	35.35 0.67 0.00	25.96 0.45 0.00	24.27 0.41 0.00	24.17 0.43 0.00	24.35 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	31.25 0.62 0.00	27.64 0.58 0.00	26.52 0.59 0.00	26.76 0.65 0.00	26.91 0.65 0.00	27.52 0.62 0.00	30.77 0.60 0.00	31.34 0.61 0.00	36.57 0.72 0.00	33.75 0.63 0.00	30.36 0.63 0.00	31.09 0.68 0.00	29.07 0.66 0.00	31.06 0.69 0.00	34.18 0.74 0.00	29.66 0.61 0.00	33.11 0.59 0.00	37.75 0.66 0.00	44.32 0.86 0.00	35.35 0.67 0.00	25.96 0.45 0.00	24.27 0.41 0.00	24.17 0.43 0.00	24.35 0.38 0.00

HQ_GEN_IMPORT 323601	30.88 0.24 0.00	27.30 0.24 0.00	26.18 0.25 0.00	26.39 0.28 0.00	26.55 0.29 0.00	27.16 0.26 0.00	30.42 0.25 0.00	30.88 0.25 0.10	36.15 0.30 0.00	33.38 0.26 0.00	29.99 0.26 0.00	30.70 0.29 0.00	28.69 0.28 0.00	30.66 0.30 0.00	33.75 0.31 0.00	29.31 0.25 0.00	32.74 0.23 0.00	37.33 0.24 0.00	43.82 0.36 0.00	34.96 0.28 0.00	25.71 0.19 0.00	24.03 0.17 0.00	23.93 0.19 0.00	24.15 0.17 0.00
HQ_GEN_WHEEL 23651	30.88 0.24 0.00	27.30 0.24 0.00	26.18 0.25 0.00	26.39 0.28 0.00	26.55 0.29 0.00	27.16 0.26 0.00	30.42 0.25 0.00	30.88 0.25 0.10	36.15 0.30 0.00	33.38 0.26 0.00	29.99 0.26 0.00	30.70 0.29 0.00	28.69 0.28 0.00	30.66 0.30 0.00	33.75 0.31 0.00	29.31 0.25 0.00	32.74 0.23 0.00	37.33 0.24 0.00	43.82 0.36 0.00	34.96 0.28 0.00	25.71 0.19 0.00	24.03 0.17 0.00	23.93 0.19 0.00	24.15 0.17 0.00
HUDSON AVE_GT_3 23810	32.28 1.64 0.00	28.39 1.33 0.00	27.07 1.14 0.00	27.19 1.09 0.00	27.42 1.15 0.00	28.08 1.18 0.00	31.52 1.36 0.00	32.19 1.45 0.00	37.58 1.73 0.00	34.78 1.66 0.00	31.08 1.35 0.00	31.77 1.36 0.00	29.65 1.24 0.00	31.65 1.29 0.00	34.87 1.43 0.00	30.38 1.33 0.00	34.10 1.59 0.00	38.94 1.85 0.00	45.57 2.11 0.00	36.47 1.78 0.00	26.87 1.35 0.00	25.18 1.32 0.00	24.99 1.25 0.00	25.12 1.15 0.00
HUDSON AVE_GT_4 23540	32.28 1.64 0.00	28.39 1.33 0.00	27.07 1.14 0.00	27.19 1.09 0.00	27.42 1.15 0.00	28.08 1.18 0.00	31.52 1.36 0.00	32.19 1.45 0.00	37.58 1.73 0.00	34.78 1.66 0.00	31.08 1.35 0.00	31.77 1.36 0.00	29.65 1.24 0.00	31.65 1.29 0.00	34.87 1.43 0.00	30.38 1.33 0.00	34.10 1.59 0.00	38.94 1.85 0.00	45.57 2.11 0.00	36.47 1.78 0.00	26.87 1.35 0.00	25.18 1.32 0.00	24.99 1.25 0.00	25.12 1.15 0.00
HUDSON AVE_GT_5 23657	32.28 1.64 0.00	28.39 1.33 0.00	27.07 1.14 0.00	27.19 1.09 0.00	27.42 1.15 0.00	28.08 1.18 0.00	31.52 1.36 0.00	32.19 1.45 0.00	37.58 1.73 0.00	34.78 1.66 0.00	31.08 1.35 0.00	31.77 1.36 0.00	29.65 1.24 0.00	31.65 1.29 0.00	34.87 1.43 0.00	30.38 1.33 0.00	34.10 1.59 0.00	38.94 1.85 0.00	45.57 2.11 0.00	36.47 1.78 0.00	26.87 1.35 0.00	25.18 1.32 0.00	24.99 1.25 0.00	25.12 1.15 0.00
HUDSON_AVE_10 24168	32.21 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.14 1.03 0.00	27.35 1.08 0.00	28.03 1.12 0.00	31.45 1.28 0.00	32.10 1.36 0.00	37.47 1.62 0.00	34.67 1.55 0.00	30.98 1.25 0.00	31.68 1.27 0.00	29.56 1.15 0.00	31.56 1.19 0.00	34.76 1.32 0.00	30.29 1.24 0.00	34.01 1.50 0.00	38.82 1.73 0.00	45.44 1.98 0.00	36.37 1.68 0.00	26.79 1.28 0.00	25.12 1.26 0.00	24.93 1.19 0.00	25.05 1.08 0.00
HUDSON___115KV_TB 4 355613	31.93 1.30 0.00	28.20 1.15 0.00	27.02 1.09 0.00	27.18 1.07 0.00	27.34 1.07 0.00	28.03 1.13 0.00	31.44 1.28 0.00	32.01 1.27 0.00	37.26 1.41 0.00	34.47 1.35 0.00	30.90 1.16 0.00	31.59 1.18 0.00	29.49 1.08 0.00	31.51 1.15 0.00	34.73 1.28 0.00	30.21 1.16 0.00	33.95 1.44 0.00	38.76 1.67 0.00	45.28 1.82 0.00	36.13 1.44 0.00	26.56 1.05 0.00	24.82 0.97 0.00	24.61 0.87 0.00	24.75 0.79 0.00
HUNTER MOUNT___DRP 323613	32.19 1.56 0.00	28.43 1.38 0.00	27.26 1.33 0.00	27.42 1.32 0.00	27.57 1.30 0.00	28.28 1.38 0.00	31.73 1.56 0.00	32.29 1.56 0.00	37.59 1.74 0.00	34.78 1.66 0.00	31.19 1.46 0.00	31.91 1.50 0.00	29.77 1.36 0.00	31.81 1.44 0.00	35.05 1.61 0.00	30.50 1.44 0.00	34.28 1.78 0.00	39.14 2.06 0.00	45.72 2.26 0.00	36.45 1.76 0.00	26.80 1.28 0.00	25.02 1.16 0.00	24.80 1.06 0.00	24.93 0.96 0.00
HUNTINGTON_RES_REC 323705	89.61 2.40 -56.57	29.01 1.95 0.00	27.58 1.65 0.00	27.84 1.73 0.00	28.08 1.82 0.00	28.63 1.73 0.00	32.15 1.98 0.00	32.96 2.22 0.00	46.81 2.66 -8.30	41.07 2.42 -5.53	96.92 2.11 -65.08	37.06 2.08 -4.57	36.90 1.92 -6.58	34.09 2.03 -1.69	37.01 2.21 -1.35	33.36 2.03 -2.28	38.29 2.36 -3.42	39.80 2.71 0.00	48.26 3.27 -1.53	71.76 2.67 -34.40	27.48 1.97 0.00	25.70 1.84 0.00	25.47 1.73 0.00	25.64 1.67 0.00
HUNTLEY___63 23557	28.48 -2.16 0.00	25.28 -1.78 0.00	24.41 -1.52 0.00	24.57 -1.54 0.00	24.72 -1.55 0.00	25.38 -1.52 0.00	28.31 -1.86 0.00	28.47 -2.26 0.00	33.11 -2.74 0.00	30.45 -2.66 0.00	27.67 -2.06 0.00	28.39 -2.01 0.00	26.51 -1.90 0.00	28.27 -2.09 0.00	31.00 -2.45 0.00	26.84 -2.22 0.00	29.81 -2.70 0.00	34.37 -2.72 0.00	40.15 -3.31 0.00	32.02 -2.66 0.00	23.42 -2.09 0.00	21.89 -1.97 0.00	21.96 -1.78 0.00	22.33 -1.64 0.00
HUNTLEY___64 23558	28.48 -2.16 0.00	25.28 -1.78 0.00	24.41 -1.52 0.00	24.57 -1.54 0.00	24.72 -1.55 0.00	25.38 -1.52 0.00	28.31 -1.86 0.00	28.47 -2.26 0.00	33.11 -2.74 0.00	30.45 -2.66 0.00	27.67 -2.06 0.00	28.39 -2.01 0.00	26.51 -1.90 0.00	28.27 -2.09 0.00	31.00 -2.45 0.00	26.84 -2.22 0.00	29.81 -2.70 0.00	34.37 -2.72 0.00	40.15 -3.31 0.00	32.02 -2.66 0.00	23.42 -2.09 0.00	21.89 -1.97 0.00	21.96 -1.78 0.00	22.33 -1.64 0.00
HUNTLEY___65 23559	28.48 -2.16 0.00	25.28 -1.78 0.00	24.41 -1.52 0.00	24.57 -1.54 0.00	24.72 -1.55 0.00	25.38 -1.52 0.00	28.31 -1.86 0.00	28.47 -2.26 0.00	33.11 -2.74 0.00	30.45 -2.66 0.00	27.67 -2.06 0.00	28.39 -2.01 0.00	26.51 -1.90 0.00	28.27 -2.09 0.00	31.00 -2.45 0.00	26.84 -2.22 0.00	29.81 -2.70 0.00	34.37 -2.72 0.00	40.15 -3.31 0.00	32.02 -2.66 0.00	23.42 -2.09 0.00	21.89 -1.97 0.00	21.96 -1.78 0.00	22.33 -1.64 0.00
HUNTLEY___66 23560	28.48 -2.16 0.00	25.28 -1.78 0.00	24.41 -1.52 0.00	24.57 -1.54 0.00	24.72 -1.55 0.00	25.38 -1.52 0.00	28.31 -1.86 0.00	28.47 -2.26 0.00	33.11 -2.74 0.00	30.45 -2.66 0.00	27.67 -2.06 0.00	28.39 -2.01 0.00	26.51 -1.90 0.00	28.27 -2.09 0.00	31.00 -2.45 0.00	26.84 -2.22 0.00	29.81 -2.70 0.00	34.37 -2.72 0.00	40.15 -3.31 0.00	32.02 -2.66 0.00	23.42 -2.09 0.00	21.89 -1.97 0.00	21.96 -1.78 0.00	22.33 -1.64 0.00
HUNTLEY___67 23561	28.35 -2.29 0.00	25.16 -1.90 0.00	24.29 -1.64 0.00	24.44 -1.67 0.00	24.59 -1.67 0.00	25.25 -1.66 0.00	28.19 -1.98 0.00	28.36 -2.37 0.00	32.99 -2.86 0.00	30.32 -2.80 0.00	27.54 -2.19 0.00	28.25 -2.16 0.00	26.37 -2.03 0.00	28.11 -2.26 0.00	30.83 -2.62 0.00	26.69 -2.36 0.00	29.62 -2.89 0.00	34.15 -2.94 0.00	39.95 -3.51 0.00	31.89 -2.80 0.00	23.33 -2.19 0.00	21.80 -2.06 0.00	21.89 -1.85 0.00	22.25 -1.72 0.00
HUNTLEY___68 23562	28.35 -2.29 0.00	25.16 -1.90 0.00	24.29 -1.64 0.00	24.44 -1.67 0.00	24.59 -1.67 0.00	25.25 -1.66 0.00	28.19 -1.98 0.00	28.36 -2.37 0.00	32.99 -2.86 0.00	30.32 -2.80 0.00	27.54 -2.19 0.00	28.25 -2.16 0.00	26.37 -2.03 0.00	28.11 -2.26 0.00	30.83 -2.62 0.00	26.69 -2.36 0.00	29.62 -2.89 0.00	34.15 -2.94 0.00	39.95 -3.51 0.00	31.89 -2.80 0.00	23.33 -2.19 0.00	21.80 -2.06 0.00	21.89 -1.85 0.00	22.25 -1.72 0.00



HYLAND___LFGE 323620	30.42 -0.22 0.00	26.89 -0.16 0.00	25.82 -0.11 0.00	25.93 -0.17 0.00	26.11 -0.16 0.00	26.82 -0.08 0.00	30.11 -0.05 0.00	30.66 -0.08 0.00	35.84 -0.01 0.00	33.04 -0.08 0.00	29.97 0.24 0.00	30.37 -0.04 0.00	28.20 -0.20 0.00	30.10 -0.26 0.00	33.23 -0.21 0.00	28.93 -0.12 0.00	32.10 -0.41 0.00	36.99 -0.10 0.00	43.33 -0.14 0.00	34.53 -0.15 0.00	25.24 -0.27 0.00	23.52 -0.34 0.00	23.48 -0.26 0.00	23.72 -0.24 0.00
INDECK___CORINTH 23802	31.45 0.81 0.00	27.70 0.64 0.00	26.51 0.58 0.00	26.70 0.59 0.00	26.82 0.56 0.00	27.70 0.80 0.00	31.74 1.58 0.00	32.41 1.67 0.00	37.83 1.98 0.00	34.98 1.86 0.00	31.41 1.68 0.00	32.27 1.86 0.00	30.18 1.77 0.00	32.14 1.78 0.00	35.48 2.03 0.00	30.91 1.86 0.00	34.78 2.27 0.00	39.61 2.52 0.00	46.07 2.61 0.00	36.81 2.12 0.00	27.05 1.54 0.00	25.23 1.37 0.00	25.01 1.28 0.00	25.14 1.17 0.00
INDECK___ILION 23567	30.82 0.18 0.00	27.16 0.11 0.00	25.97 0.04 0.00	26.13 0.03 0.00	26.31 0.05 0.00	26.97 0.07 0.00	30.33 0.16 0.00	30.94 0.21 0.00	36.09 0.24 0.00	33.37 0.25 0.00	29.93 0.20 0.00	30.60 0.18 0.00	28.59 0.17 0.00	30.57 0.20 0.00	33.73 0.29 0.00	29.31 0.26 0.00	32.85 0.33 0.00	37.39 0.30 0.00	43.84 0.38 0.00	34.97 0.28 0.00	25.72 0.20 0.00	24.04 0.18 0.00	23.87 0.13 0.00	24.05 0.08 0.00
INDECK___OLEAN 23982	29.50 -0.71 0.42	26.53 -0.52 0.00	25.49 -0.44 0.00	25.64 -0.46 0.00	25.84 -0.42 0.00	25.20 -0.35 1.35	29.28 -0.43 0.45	29.90 -0.61 0.23	35.13 -0.72 0.00	32.18 -0.94 0.00	29.04 -0.69 0.00	29.68 -0.73 0.00	27.71 -0.70 0.00	29.52 -0.85 0.00	32.43 -1.02 0.00	28.07 -0.98 0.00	31.20 -1.31 0.00	35.91 -1.18 0.00	42.13 -1.33 0.00	33.59 -1.09 0.00	24.64 -0.88 0.00	23.10 -0.75 0.00	23.26 -0.48 0.00	23.55 -0.42 0.00
INDECK___OSWEGO 23783	29.48 -1.16 0.00	26.05 -1.01 0.00	24.98 -0.95 0.00	25.11 -0.99 0.00	25.26 -1.00 0.00	25.90 -1.00 0.00	29.05 -1.12 0.00	29.58 -1.15 0.00	34.51 -1.34 0.00	31.89 -1.23 0.00	28.69 -1.04 0.00	29.35 -1.06 0.00	27.41 -1.00 0.00	29.30 -1.07 0.00	32.25 -1.20 0.00	28.01 -1.04 0.00	31.36 -1.15 0.00	35.80 -1.29 0.00	41.90 -1.56 0.00	33.40 -1.29 0.00	24.59 -0.92 0.00	23.01 -0.84 0.00	22.90 -0.84 0.00	23.18 -0.79 0.00
INDECK___YERKES 23781	28.26 -2.13 0.25	25.30 -1.76 0.00	24.43 -1.50 0.00	24.58 -1.53 0.00	24.74 -1.52 0.00	24.61 -1.50 0.79	28.06 -1.83 0.27	28.36 -2.24 0.14	33.14 -2.71 0.00	30.48 -2.64 0.00	27.72 -2.01 0.00	28.42 -1.99 0.00	26.53 -1.88 0.00	28.29 -2.07 0.00	31.03 -2.42 0.00	26.86 -2.19 0.00	29.84 -2.68 0.00	34.40 -2.69 0.00	40.19 -3.27 0.00	32.05 -2.63 0.00	23.46 -2.06 0.00	21.91 -1.95 0.00	21.98 -1.76 0.00	22.35 -1.62 0.00
INDIAN POINT_GT_1 24139	32.02 1.38 0.00	28.17 1.12 0.00	26.89 0.96 0.00	27.04 0.94 0.00	27.25 0.99 0.00	27.89 0.99 0.00	31.33 1.16 0.00	31.99 1.25 0.00	37.32 1.47 0.00	34.50 1.39 0.00	30.84 1.11 0.00	31.51 1.10 0.00	29.43 1.02 0.00	31.43 1.07 0.00	34.62 1.18 0.00	30.16 1.11 0.00	33.87 1.36 0.00	38.68 1.59 0.00	45.27 1.81 0.00	36.19 1.50 0.00	26.65 1.13 0.00	24.92 1.07 0.00	24.76 1.02 0.00	24.93 0.96 0.00
INDIAN POINT_GT_2 23659	32.02 1.38 0.00	28.17 1.12 0.00	26.89 0.96 0.00	27.04 0.94 0.00	27.25 0.99 0.00	27.89 0.99 0.00	31.33 1.16 0.00	31.99 1.25 0.00	37.32 1.47 0.00	34.50 1.39 0.00	30.84 1.11 0.00	31.51 1.10 0.00	29.43 1.02 0.00	31.43 1.07 0.00	34.62 1.18 0.00	30.16 1.11 0.00	33.87 1.36 0.00	38.68 1.59 0.00	45.27 1.81 0.00	36.19 1.50 0.00	26.65 1.13 0.00	24.92 1.07 0.00	24.76 1.02 0.00	24.93 0.96 0.00
INDIAN POINT_GT_3 24019	32.02 1.38 0.00	28.17 1.12 0.00	26.89 0.96 0.00	27.04 0.94 0.00	27.25 0.99 0.00	27.89 0.99 0.00	31.33 1.16 0.00	31.99 1.25 0.00	37.32 1.47 0.00	34.50 1.39 0.00	30.84 1.11 0.00	31.51 1.10 0.00	29.43 1.02 0.00	31.43 1.07 0.00	34.62 1.18 0.00	30.16 1.11 0.00	33.87 1.36 0.00	38.68 1.59 0.00	45.27 1.81 0.00	36.19 1.50 0.00	26.65 1.13 0.00	24.92 1.07 0.00	24.76 1.02 0.00	24.93 0.96 0.00
INDIAN POINT___2 23530	31.98 1.34 0.00	28.14 1.09 0.00	26.87 0.93 0.00	27.02 0.92 0.00	27.23 0.97 0.00	27.87 0.96 0.00	31.29 1.12 0.00	31.95 1.22 0.00	37.28 1.43 0.00	34.46 1.34 0.00	30.79 1.05 0.00	31.47 1.06 0.00	29.39 0.98 0.00	31.39 1.03 0.00	34.58 1.14 0.00	30.11 1.06 0.00	33.82 1.31 0.00	38.62 1.53 0.00	45.22 1.75 0.00	36.13 1.45 0.00	26.60 1.09 0.00	24.90 1.04 0.00	24.73 0.99 0.00	24.90 0.93 0.00
INDIAN POINT___3 23531	31.99 1.35 0.00	28.15 1.10 0.00	26.88 0.95 0.00	27.03 0.92 0.00	27.24 0.97 0.00	27.88 0.98 0.00	31.30 1.14 0.00	31.96 1.22 0.00	37.29 1.44 0.00	34.47 1.35 0.00	30.81 1.08 0.00	31.48 1.07 0.00	29.40 0.99 0.00	31.40 1.04 0.00	34.59 1.15 0.00	30.13 1.08 0.00	33.84 1.33 0.00	38.64 1.55 0.00	45.23 1.76 0.00	36.15 1.47 0.00	26.62 1.10 0.00	24.90 1.04 0.00	24.74 1.00 0.00	24.90 0.93 0.00
INGHAM_C_115KV_TB7 356103	30.76 0.12 0.00	27.05 -0.01 0.00	25.81 -0.12 0.00	25.98 -0.12 0.00	26.18 -0.08 0.00	26.82 -0.08 0.00	30.25 0.08 0.00	30.91 0.17 0.00	36.03 0.17 0.00	33.34 0.23 0.00	29.87 0.14 0.00	30.52 0.11 0.00	28.52 0.11 0.00	30.50 0.14 0.00	33.73 0.28 0.00	29.31 0.26 0.00	32.85 0.34 0.00	37.29 0.20 0.00	43.84 0.38 0.00	34.97 0.28 0.00	25.71 0.20 0.00	24.04 0.18 0.00	23.81 0.07 0.00	23.94 -0.03 0.00
IP CORINTH___1 23988	31.62 0.98 0.00	27.85 0.79 0.00	26.66 0.72 0.00	26.84 0.73 0.00	26.97 0.71 0.00	27.81 0.91 0.00	31.74 1.58 0.00	32.41 1.67 0.00	37.83 1.98 0.00	34.98 1.86 0.00	31.41 1.68 0.00	32.27 1.86 0.00	30.18 1.77 0.00	32.14 1.78 0.00	35.48 2.03 0.00	30.91 1.86 0.00	34.78 2.27 0.00	39.61 2.53 0.00	46.07 2.61 0.00	36.81 2.12 0.00	27.05 1.54 0.00	25.23 1.37 0.00	25.02 1.28 0.00	25.14 1.17 0.00
IP___TICONDEROGA 23804	33.09 2.45 0.00	29.12 2.07 0.00	27.89 1.96 0.00	28.11 2.00 0.00	28.21 1.94 0.00	28.91 2.01 0.00	32.65 2.48 0.00	33.46 2.72 0.00	39.05 3.20 0.00	36.12 3.00 0.00	32.44 2.71 0.00	33.24 2.83 0.00	31.30 2.89 0.00	33.57 3.21 0.00	37.26 3.82 0.00	32.49 3.44 0.00	36.67 4.16 0.00	41.52 4.43 0.00	47.68 4.22 0.00	38.21 3.53 0.00	28.10 2.58 0.00	26.14 2.28 0.00	25.91 2.17 0.00	26.01 2.04 0.00
ISLIP_RES_REC 323679	90.11 2.90 -56.57	29.44 2.38 0.00	28.02 2.09 0.00	28.28 2.17 0.00	28.53 2.27 0.00	29.10 2.19 0.00	32.66 2.50 0.00	33.50 2.76 0.00	47.38 3.22 -8.30	41.52 2.88 -5.53	97.40 2.60 -65.08	37.59 2.61 -4.57	37.37 2.39 -6.58	34.59 2.53 -1.69	37.56 2.77 -1.35	33.86 2.53 -2.28	38.85 2.92 -3.42	40.46 3.37 0.00	49.06 4.07 -1.53	72.37 3.28 -34.40	27.91 2.40 0.00	26.14 2.28 0.00	25.88 2.14 0.00	26.04 2.07 0.00

JAMAICA__27_KV_LOAD 355505	32.55 1.91 0.00	28.63 1.58 0.00	27.34 1.42 0.00	27.39 1.28 0.00	27.59 1.33 0.00	28.28 1.38 0.00	31.73 1.57 0.00	32.34 1.61 0.00	37.73 1.88 0.00	34.90 1.78 0.00	31.20 1.47 0.00	31.93 1.52 0.00	29.77 1.36 0.00	31.79 1.42 0.00	35.03 1.58 0.00	30.52 1.47 0.00	34.29 1.78 0.00	39.14 2.06 0.00	45.77 2.31 0.00	36.67 1.99 0.00	27.01 1.50 0.00	25.35 1.49 0.00	25.16 1.42 0.00	25.25 1.29 0.00
JANIS__SOLAR 323808	31.47 0.77 -0.06	27.70 0.64 0.00	26.55 0.62 0.00	26.74 0.63 0.00	26.91 0.65 0.00	27.83 0.72 -0.20	31.18 0.95 -0.07	31.82 1.05 -0.04	37.13 1.28 0.00	34.30 1.18 0.00	30.83 1.10 0.00	31.53 1.12 0.00	29.42 1.01 0.00	31.48 1.11 0.00	34.70 1.25 0.00	30.01 0.96 0.00	33.59 1.08 0.00	38.34 1.25 0.00	44.98 1.51 0.00	35.91 1.22 0.00	26.28 0.76 0.00	24.55 0.69 0.00	24.44 0.70 0.00	24.62 0.65 0.00
JARVIS____ 23743	30.69 0.05 0.00	27.08 0.03 0.00	25.93 0.00 0.00	26.11 0.00 0.00	26.26 0.00 0.00	26.91 0.01 0.00	30.21 0.04 0.00	30.79 0.05 0.00	35.92 0.07 0.00	33.19 0.07 0.00	29.77 0.04 0.00	30.46 0.05 0.00	28.45 0.05 0.00	30.42 0.06 0.00	33.51 0.07 0.00	29.12 0.07 0.00	32.63 0.11 0.00	37.20 0.11 0.00	43.55 0.08 0.00	34.75 0.06 0.00	25.57 0.05 0.00	23.90 0.05 0.00	23.76 0.02 0.00	23.98 0.01 0.00
JENNISON____1 23625	31.26 0.62 0.00	27.59 0.53 0.00	26.43 0.50 0.00	26.67 0.56 0.00	26.92 0.66 0.00	27.66 0.75 0.00	31.04 0.88 0.00	31.69 0.95 0.00	36.95 1.10 0.00	34.24 1.12 0.00	30.80 1.07 0.00	31.57 1.16 0.00	29.58 1.17 0.00	31.62 1.26 0.00	34.80 1.35 0.00	30.01 0.96 0.00	33.25 0.74 0.00	37.98 0.89 0.00	44.67 1.21 0.00	35.75 1.06 0.00	26.01 0.49 0.00	24.35 0.49 0.00	24.41 0.67 0.00	24.40 0.43 0.00
JENNISON____2 23626	31.26 0.62 0.00	27.59 0.53 0.00	26.43 0.50 0.00	26.67 0.56 0.00	26.92 0.66 0.00	27.66 0.75 0.00	31.04 0.88 0.00	31.69 0.95 0.00	36.95 1.10 0.00	34.24 1.12 0.00	30.80 1.07 0.00	31.57 1.16 0.00	29.58 1.17 0.00	31.62 1.26 0.00	34.80 1.35 0.00	30.01 0.96 0.00	33.25 0.74 0.00	37.98 0.89 0.00	44.67 1.21 0.00	35.75 1.06 0.00	26.01 0.49 0.00	24.35 0.49 0.00	24.41 0.67 0.00	24.40 0.43 0.00
JERICOHO_RISE_WT_PWR 323719	31.53 0.89 0.00	27.88 0.82 0.00	26.77 0.83 0.00	27.02 0.92 0.00	27.18 0.92 0.00	27.78 0.88 0.00	31.10 0.93 0.00	31.70 0.96 0.00	36.97 1.12 0.00	34.09 0.97 0.00	30.65 0.92 0.00	31.39 0.98 0.00	29.38 0.97 0.00	31.42 1.06 0.00	34.62 1.18 0.00	30.05 1.00 0.00	33.53 1.02 0.00	38.22 1.13 0.00	44.81 1.35 0.00	35.80 1.11 0.00	26.29 0.78 0.00	24.55 0.70 0.00	24.43 0.70 0.00	24.60 0.63 0.00
KATONAH__115KV_46KV_TB4 355592	32.30 1.66 0.00	28.42 1.36 0.00	27.13 1.19 0.00	27.28 1.18 0.00	27.48 1.22 0.00	28.14 1.23 0.00	31.61 1.44 0.00	32.27 1.54 0.00	37.69 1.83 0.00	34.86 1.74 0.00	31.16 1.43 0.00	31.84 1.43 0.00	29.72 1.31 0.00	31.74 1.37 0.00	34.96 1.51 0.00	30.44 1.39 0.00	34.20 1.69 0.00	39.08 1.99 0.00	45.70 2.25 0.00	36.52 1.84 0.00	26.89 1.38 0.00	25.14 1.29 0.00	24.96 1.22 0.00	25.11 1.14 0.00
KCE_NY_1 323755	31.95 1.31 0.00	28.13 1.07 0.00	26.91 0.98 0.00	27.11 1.00 0.00	27.24 0.98 0.00	27.98 1.08 0.00	31.60 1.44 0.00	32.23 1.49 0.00	37.60 1.74 0.00	34.70 1.58 0.00	31.12 1.39 0.00	31.88 1.47 0.00	29.74 1.33 0.00	31.79 1.42 0.00	35.10 1.65 0.00	30.51 1.45 0.00	34.29 1.78 0.00	39.10 2.01 0.00	45.63 2.17 0.00	36.45 1.77 0.00	26.80 1.28 0.00	25.03 1.17 0.00	24.82 1.08 0.00	24.99 1.02 0.00
KCE_NY_6_ESR 323823	28.60 -1.76 0.28	25.61 -1.45 0.00	24.69 -1.24 0.00	24.83 -1.27 0.00	25.00 -1.27 0.00	24.77 -1.24 0.90	28.39 -1.47 0.30	28.76 -1.82 0.15	33.67 -2.18 0.00	30.93 -2.19 0.00	28.11 -1.62 0.00	28.80 -1.62 0.00	26.87 -1.54 0.00	28.64 -1.72 0.00	31.43 -2.02 0.00	27.19 -1.86 0.00	30.20 -2.31 0.00	34.81 -2.27 0.00	40.76 -2.70 0.00	32.52 -2.17 0.00	23.79 -1.72 0.00	22.21 -1.64 0.00	22.30 -1.44 0.00	22.64 -1.33 0.00
KEDC_PORT_JEFF_GT2 24210	89.94 2.73 -56.57	29.29 2.23 0.00	27.85 1.92 0.00	28.12 2.01 0.00	28.36 2.10 0.00	28.92 2.02 0.00	32.46 2.29 0.00	33.28 2.54 0.00	47.15 3.00 -8.30	41.32 2.68 -5.53	97.20 2.39 -65.08	37.37 2.39 -4.57	37.18 2.19 -6.58	34.38 2.32 -1.69	37.34 2.55 -1.35	33.65 2.33 -2.28	38.61 2.68 -3.42	40.07 2.99 0.00	48.72 3.73 -1.53	72.10 3.01 -34.40	27.73 2.21 0.00	25.96 2.11 0.00	25.72 1.98 0.00	25.88 1.91 0.00
KEDC_PORT_JEFF_GT3 24211	89.94 2.73 -56.57	29.29 2.23 0.00	27.85 1.92 0.00	28.12 2.01 0.00	28.36 2.10 0.00	28.92 2.02 0.00	32.46 2.29 0.00	33.28 2.54 0.00	47.15 3.00 -8.30	41.32 2.68 -5.53	97.20 2.39 -65.08	37.37 2.39 -4.57	37.18 2.19 -6.58	34.38 2.32 -1.69	37.34 2.55 -1.35	33.65 2.33 -2.28	38.61 2.68 -3.42	40.07 2.99 0.00	48.72 3.73 -1.53	72.10 3.01 -34.40	27.73 2.21 0.00	25.96 2.11 0.00	25.72 1.98 0.00	25.88 1.91 0.00
KEDC_GLWD_GT4 24219	89.26 2.05 -56.57	28.84 1.78 0.00	27.45 1.52 0.00	27.67 1.56 0.00	27.89 1.63 0.00	28.48 1.58 0.00	32.00 1.83 0.00	32.74 2.01 0.00	46.52 2.37 -8.30	40.90 2.26 -5.53	96.72 1.91 -65.08	36.91 1.93 -4.57	36.77 1.79 -6.58	33.93 1.87 -1.69	36.84 2.05 -1.35	33.19 1.86 -2.28	37.98 2.05 -3.42	39.44 2.35 0.00	47.75 2.76 -1.53	71.38 2.29 -34.40	27.33 1.81 0.00	25.54 1.69 0.00	25.35 1.62 0.00	25.51 1.54 0.00
KEDC_GLWD_GT5 24220	89.26 2.05 -56.57	28.84 1.78 0.00	27.45 1.52 0.00	27.67 1.56 0.00	27.89 1.63 0.00	28.48 1.58 0.00	32.00 1.83 0.00	32.74 2.01 0.00	46.52 2.37 -8.30	40.90 2.26 -5.53	96.72 1.91 -65.08	36.91 1.93 -4.57	36.77 1.79 -6.58	33.93 1.87 -1.69	36.84 2.05 -1.35	33.19 1.86 -2.28	37.98 2.05 -3.42	39.44 2.35 0.00	47.75 2.76 -1.53	71.38 2.29 -34.40	27.33 1.81 0.00	25.54 1.69 0.00	25.35 1.62 0.00	25.51 1.54 0.00
KENSICO____ 23655	32.10 1.47 0.00	28.24 1.19 0.00	26.96 1.03 0.00	27.11 1.00 0.00	27.31 1.05 0.00	27.96 1.06 0.00	31.40 1.23 0.00	32.05 1.32 0.00	37.41 1.56 0.00	34.60 1.49 0.00	30.92 1.19 0.00	31.60 1.19 0.00	29.51 1.10 0.00	31.50 1.14 0.00	34.72 1.27 0.00	30.23 1.18 0.00	33.95 1.44 0.00	38.77 1.68 0.00	45.38 1.91 0.00	36.27 1.59 0.00	26.72 1.20 0.00	25.00 1.14 0.00	24.82 1.08 0.00	24.97 1.01 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.63 1.99 0.00	28.68 1.62 0.00	27.36 1.43 0.00	27.51 1.41 0.00	27.73 1.47 0.00	28.40 1.50 0.00	31.94 1.77 0.00	32.64 1.90 0.00	38.14 2.29 0.00	35.25 2.14 0.00	31.52 1.79 0.00	32.19 1.78 0.00	30.03 1.62 0.00	32.07 1.71 0.00	35.31 1.87 0.00	30.78 1.73 0.00	34.62 2.11 0.00	39.59 2.51 0.00	46.33 2.87 0.00	36.96 2.28 0.00	27.20 1.68 0.00	25.42 1.57 0.00	25.23 1.49 0.00	25.37 1.41 0.00

KIAC_JFK_GT1 23816	32.43 1.79 0.00	28.53 1.47 0.00	27.25 1.32 0.00	27.31 1.20 0.00	27.50 1.24 0.00	28.20 1.29 0.00	31.61 1.45 0.00	32.23 1.49 0.00	37.60 1.74 0.00	34.78 1.66 0.00	31.09 1.36 0.00	31.81 1.40 0.00	29.66 1.25 0.00	31.67 1.30 0.00	34.91 1.46 0.00	30.41 1.36 0.00	34.17 1.66 0.00	39.00 1.91 0.00	45.61 2.14 0.00	36.54 1.85 0.00	26.91 1.39 0.00	25.25 1.40 0.00	25.06 1.33 0.00	25.16 1.20 0.00
KIAC_JFK_GT2 23817	32.43 1.79 0.00	28.53 1.47 0.00	27.25 1.32 0.00	27.31 1.20 0.00	27.50 1.24 0.00	28.20 1.29 0.00	31.61 1.45 0.00	32.23 1.49 0.00	37.60 1.74 0.00	34.78 1.66 0.00	31.09 1.36 0.00	31.81 1.40 0.00	29.66 1.25 0.00	31.67 1.30 0.00	34.91 1.46 0.00	30.41 1.36 0.00	34.17 1.66 0.00	39.00 1.91 0.00	45.61 2.14 0.00	36.54 1.85 0.00	26.91 1.39 0.00	25.25 1.40 0.00	25.06 1.33 0.00	25.16 1.20 0.00
KIAC_JFK____ 323774	32.42 1.79 0.00	28.53 1.47 0.00	27.25 1.32 0.00	27.32 1.22 0.00	27.51 1.25 0.00	28.20 1.29 0.00	31.61 1.45 0.00	32.23 1.49 0.00	37.60 1.74 0.00	34.78 1.66 0.00	31.09 1.35 0.00	31.81 1.40 0.00	29.66 1.25 0.00	31.67 1.30 0.00	34.90 1.45 0.00	30.41 1.36 0.00	34.17 1.66 0.00	39.00 1.91 0.00	45.60 2.14 0.00	36.54 1.85 0.00	26.91 1.39 0.00	25.25 1.40 0.00	25.06 1.32 0.00	25.16 1.19 0.00
KINTIGH____ 23543	28.28 -2.36 0.00	25.10 -1.96 0.00	24.21 -1.72 0.00	24.37 -1.74 0.00	24.51 -1.75 0.00	25.16 -1.74 0.00	28.10 -2.07 0.00	28.34 -2.39 0.00	32.97 -2.88 0.00	30.33 -2.79 0.00	27.48 -2.26 0.00	28.19 -2.22 0.00	26.32 -2.09 0.00	28.07 -2.30 0.00	30.80 -2.64 0.00	26.67 -2.38 0.00	29.66 -2.85 0.00	34.15 -2.94 0.00	39.96 -3.51 0.00	31.89 -2.79 0.00	23.35 -2.17 0.00	21.83 -2.03 0.00	21.89 -1.85 0.00	22.23 -1.74 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.16 1.53 0.00	28.44 1.38 0.00	27.28 1.36 0.00	27.57 1.47 0.00	27.73 1.47 0.00	28.34 1.43 0.00	31.74 1.57 0.00	32.36 1.62 0.00	37.77 1.91 0.00	34.80 1.68 0.00	31.28 1.55 0.00	32.03 1.62 0.00	29.99 1.58 0.00	32.09 1.73 0.00	35.40 1.95 0.00	30.73 1.68 0.00	34.33 1.82 0.00	39.11 2.02 0.00	45.75 2.28 0.00	36.57 1.88 0.00	26.87 1.35 0.00	25.08 1.22 0.00	24.91 1.17 0.00	25.04 1.07 0.00
LACHUTE____HYDRO 323717	33.09 2.45 0.00	29.12 2.07 0.00	27.89 1.96 0.00	28.11 2.00 0.00	28.21 1.95 0.00	28.91 2.01 0.00	32.65 2.48 0.00	33.46 2.72 0.00	39.05 3.20 0.00	36.11 3.00 0.00	32.44 2.71 0.00	33.24 2.83 0.00	31.30 2.89 0.00	33.57 3.21 0.00	37.26 3.82 0.00	32.49 3.44 0.00	36.67 4.16 0.00	41.52 4.43 0.00	47.68 4.22 0.00	38.22 3.53 0.00	28.10 2.58 0.00	26.14 2.28 0.00	25.91 2.17 0.00	26.01 2.04 0.00
LAWRNCV_115KV_TB1 80681	30.88 0.25 0.00	27.30 0.24 0.00	26.19 0.26 0.00	26.42 0.31 0.00	26.57 0.31 0.00	27.16 0.26 0.00	30.36 0.20 0.00	30.95 0.21 0.00	36.10 0.25 0.00	33.33 0.21 0.00	30.01 0.28 0.00	30.73 0.32 0.00	28.74 0.33 0.00	30.70 0.34 0.00	33.78 0.33 0.00	29.32 0.27 0.00	32.75 0.24 0.00	37.32 0.23 0.00	43.78 0.32 0.00	34.89 0.20 0.00	25.63 0.11 0.00	23.95 0.10 0.00	23.84 0.10 0.00	23.97 0.00 0.00
LEDERLE____ 23769	32.10 1.46 0.00	28.25 1.19 0.00	26.97 1.04 0.00	27.12 1.01 0.00	27.34 1.07 0.00	27.98 1.07 0.00	31.42 1.26 0.00	32.09 1.35 0.00	37.44 1.58 0.00	34.59 1.47 0.00	30.91 1.18 0.00	31.60 1.19 0.00	29.51 1.10 0.00	31.52 1.15 0.00	34.73 1.28 0.00	30.23 1.18 0.00	33.96 1.45 0.00	38.80 1.71 0.00	45.43 1.97 0.00	36.31 1.62 0.00	26.73 1.22 0.00	25.00 1.15 0.00	24.84 1.10 0.00	25.01 1.04 0.00
LIGHTHSE_115KV_TB6 355974	29.78 -0.86 0.00	26.30 -0.76 0.00	25.19 -0.74 0.00	25.32 -0.79 0.00	25.45 -0.81 0.00	26.10 -0.81 0.00	29.27 -0.89 0.00	29.84 -0.90 0.00	34.79 -1.06 0.00	32.17 -0.95 0.00	29.01 -0.72 0.00	29.72 -0.69 0.00	27.75 -0.66 0.00	29.65 -0.71 0.00	32.64 -0.81 0.00	28.33 -0.72 0.00	31.75 -0.76 0.00	36.20 -0.89 0.00	42.26 -1.21 0.00	33.55 -1.13 0.00	24.76 -0.76 0.00	23.20 -0.66 0.00	23.05 -0.69 0.00	23.19 -0.78 0.00
LINDEN COGEN____ 23786	32.04 1.41 0.00	28.19 1.14 0.00	26.86 0.93 0.00	26.99 0.89 0.00	27.21 0.95 0.00	27.87 0.97 0.00	31.28 1.11 0.00	31.95 1.21 0.00	37.31 1.46 0.00	34.51 1.39 0.00	30.79 1.06 0.00	31.48 1.07 0.00	29.40 0.99 0.00	31.38 1.02 0.00	34.56 1.12 0.00	30.12 1.07 0.00	33.81 1.30 0.00	38.62 1.53 0.00	45.21 1.75 0.00	36.18 1.50 0.00	26.64 1.12 0.00	24.96 1.11 0.00	24.80 1.06 0.00	24.94 0.97 0.00
LINDHRST_69_KV_BK1 356055	89.80 2.60 -56.57	29.19 2.13 0.00	27.76 1.83 0.00	28.00 1.90 0.00	28.25 1.98 0.00	28.81 1.91 0.00	32.36 2.19 0.00	33.15 2.41 0.00	47.00 2.85 -8.30	41.29 2.65 -5.53	97.15 2.33 -65.08	37.33 2.35 -4.57	37.14 2.16 -6.58	34.31 2.25 -1.69	37.26 2.47 -1.35	33.58 2.26 -2.28	38.55 2.62 -3.42	40.11 3.02 0.00	48.59 3.60 -1.53	72.00 2.91 -34.40	27.68 2.17 0.00	25.88 2.03 0.00	25.68 1.94 0.00	25.83 1.87 0.00
LIPA_MISC_IPP 23656	89.90 2.69 -56.57	29.27 2.22 0.00	27.89 1.95 0.00	28.16 2.05 0.00	28.40 2.14 0.00	28.97 2.07 0.00	32.50 2.34 0.00	33.32 2.58 0.00	47.18 3.03 -8.30	41.29 2.65 -5.53	97.21 2.40 -65.08	37.40 2.42 -4.57	37.17 2.18 -6.58	34.38 2.32 -1.69	37.34 2.55 -1.35	33.66 2.33 -2.28	38.61 2.68 -3.42	40.17 3.08 0.00	48.70 3.71 -1.53	72.10 3.01 -34.40	27.73 2.22 0.00	25.99 2.14 0.00	25.75 2.01 0.00	25.90 1.93 0.00
LISF__SOLAR 323691	89.97 2.76 -56.57	29.33 2.27 0.00	27.94 2.01 0.00	28.22 2.12 0.00	28.47 2.21 0.00	29.03 2.12 0.00	32.57 2.41 0.00	33.39 2.65 0.00	47.24 3.09 -8.30	41.34 2.69 -5.53	97.24 2.43 -65.08	37.45 2.47 -4.57	37.22 2.24 -6.58	34.43 2.37 -1.69	37.41 2.61 -1.35	33.72 2.39 -2.28	38.69 2.76 -3.42	40.26 3.17 0.00	48.82 3.83 -1.53	72.18 3.09 -34.40	27.79 2.27 0.00	26.05 2.19 0.00	25.80 2.06 0.00	25.95 1.98 0.00
LITTLE FALLS____HYD 24013	30.76 0.12 0.00	27.05 -0.01 0.00	25.81 -0.12 0.00	25.98 -0.12 0.00	26.18 -0.08 0.00	26.82 -0.08 0.00	30.25 0.08 0.00	30.91 0.17 0.00	36.03 0.17 0.00	33.34 0.23 0.00	29.87 0.14 0.00	30.52 0.11 0.00	28.52 0.11 0.00	30.50 0.14 0.00	33.73 0.28 0.00	29.31 0.26 0.00	32.85 0.34 0.00	37.29 0.20 0.00	43.84 0.38 0.00	34.97 0.28 0.00	25.71 0.20 0.00	24.04 0.18 0.00	23.81 0.07 0.00	23.94 -0.03 0.00
LITTLRIV_115KV_TB1 356100	31.41 0.78 0.00	27.76 0.70 0.00	26.64 0.70 0.00	26.85 0.75 0.00	27.00 0.74 0.00	27.61 0.71 0.00	30.84 0.68 0.00	31.46 0.72 0.00	36.71 0.86 0.00	33.88 0.76 0.00	30.48 0.75 0.00	31.19 0.78 0.00	29.16 0.75 0.00	31.17 0.80 0.00	34.28 0.84 0.00	29.77 0.72 0.00	33.28 0.77 0.00	37.93 0.84 0.00	44.50 1.04 0.00	35.45 0.77 0.00	26.03 0.51 0.00	24.31 0.45 0.00	24.18 0.44 0.00	24.29 0.33 0.00

LI_NEWBRDGE___DRP 323616	89.10 1.89 -56.57	28.60 1.55 0.00	27.24 1.31 0.00	27.44 1.33 0.00	27.67 1.40 0.00	28.25 1.34 0.00	31.72 1.56 0.00	32.46 1.72 0.00	46.20 2.05 -8.30	40.57 1.93 -5.53	96.43 1.62 -65.08	36.60 1.62 -4.57	36.48 1.50 -6.58	33.62 1.56 -1.69	36.51 1.72 -1.35	32.91 1.58 -2.28	37.76 1.83 -3.42	39.19 2.10 0.00	47.46 2.48 -1.53	71.15 2.06 -34.40	27.07 1.55 0.00	25.31 1.45 0.00	25.12 1.38 0.00	25.29 1.32 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.22 -2.42 0.00	25.06 -2.00 0.00	24.21 -1.72 0.00	24.36 -1.75 0.00	24.51 -1.75 0.00	25.17 -1.73 0.00	28.05 -2.11 0.00	28.20 -2.54 0.00	32.80 -3.05 0.00	30.17 -2.94 0.00	27.41 -2.32 0.00	28.13 -2.28 0.00	26.27 -2.14 0.00	27.99 -2.37 0.00	30.69 -2.76 0.00	26.58 -2.47 0.00	29.53 -2.98 0.00	34.05 -3.04 0.00	39.82 -3.64 0.00	31.80 -2.88 0.00	23.26 -2.26 0.00	21.73 -2.13 0.00	21.81 -1.93 0.00	22.14 -1.83 0.00
LOCKPORT___CC1 323769	27.98 -2.43 0.22	25.05 -2.01 0.00	24.20 -1.73 0.00	24.34 -1.77 0.00	24.50 -1.76 0.00	24.44 -1.76 0.71	27.80 -2.12 0.24	28.08 -2.54 0.12	32.79 -3.07 0.00	30.16 -2.96 0.00	27.42 -2.31 0.00	28.12 -2.29 0.00	26.25 -2.16 0.00	27.97 -2.39 0.00	30.67 -2.78 0.00	26.56 -2.49 0.00	29.49 -3.02 0.00	34.01 -3.08 0.00	39.77 -3.69 0.00	31.77 -2.92 0.00	23.25 -2.27 0.00	21.70 -2.15 0.00	21.79 -1.95 0.00	22.13 -1.84 0.00
LOCKPORT___CC2 323770	27.98 -2.43 0.22	25.05 -2.01 0.00	24.20 -1.73 0.00	24.34 -1.77 0.00	24.50 -1.76 0.00	24.44 -1.76 0.71	27.80 -2.12 0.24	28.08 -2.54 0.12	32.79 -3.07 0.00	30.16 -2.96 0.00	27.42 -2.31 0.00	28.12 -2.29 0.00	26.25 -2.16 0.00	27.97 -2.39 0.00	30.67 -2.78 0.00	26.56 -2.49 0.00	29.49 -3.02 0.00	34.01 -3.08 0.00	39.77 -3.69 0.00	31.77 -2.92 0.00	23.25 -2.27 0.00	21.70 -2.15 0.00	21.79 -1.95 0.00	22.13 -1.84 0.00
LOCKPORT___CC3 323771	27.98 -2.43 0.22	25.05 -2.01 0.00	24.20 -1.73 0.00	24.34 -1.77 0.00	24.50 -1.76 0.00	24.44 -1.76 0.71	27.80 -2.12 0.24	28.08 -2.54 0.12	32.79 -3.07 0.00	30.16 -2.96 0.00	27.42 -2.31 0.00	28.12 -2.29 0.00	26.25 -2.16 0.00	27.97 -2.39 0.00	30.67 -2.78 0.00	26.56 -2.49 0.00	29.49 -3.02 0.00	34.01 -3.08 0.00	39.77 -3.69 0.00	31.77 -2.92 0.00	23.25 -2.27 0.00	21.70 -2.15 0.00	21.79 -1.95 0.00	22.13 -1.84 0.00
LONG_LAKE_PHOENIX 24014	29.60 -1.04 0.00	26.17 -0.89 0.00	25.09 -0.84 0.00	25.23 -0.88 0.00	25.38 -0.88 0.00	26.02 -0.88 0.00	29.19 -0.97 0.00	29.75 -0.99 0.00	34.69 -1.16 0.00	32.07 -1.05 0.00	28.85 -0.88 0.00	29.50 -0.91 0.00	27.54 -0.87 0.00	29.45 -0.91 0.00	32.43 -1.02 0.00	28.15 -0.90 0.00	31.51 -1.00 0.00	35.99 -1.10 0.00	42.13 -1.33 0.00	33.61 -1.08 0.00	24.74 -0.77 0.00	23.13 -0.72 0.00	23.02 -0.72 0.00	23.31 -0.66 0.00
LOVETT___3 23632	31.95 1.31 0.00	28.12 1.06 0.00	26.85 0.92 0.00	26.99 0.89 0.00	27.21 0.95 0.00	27.85 0.95 0.00	31.27 1.11 0.00	31.93 1.19 0.00	37.25 1.40 0.00	34.41 1.29 0.00	30.75 1.02 0.00	31.44 1.02 0.00	29.36 0.95 0.00	31.36 1.00 0.00	34.55 1.10 0.00	30.08 1.03 0.00	33.79 1.28 0.00	38.59 1.50 0.00	45.18 1.72 0.00	36.12 1.43 0.00	26.59 1.07 0.00	24.87 1.01 0.00	24.71 0.97 0.00	24.88 0.92 0.00
LOVETT___4 23642	31.95 1.31 0.00	28.12 1.06 0.00	26.85 0.92 0.00	26.99 0.89 0.00	27.21 0.95 0.00	27.85 0.95 0.00	31.27 1.11 0.00	31.93 1.19 0.00	37.25 1.40 0.00	34.41 1.29 0.00	30.75 1.02 0.00	31.44 1.02 0.00	29.36 0.95 0.00	31.36 1.00 0.00	34.55 1.10 0.00	30.08 1.03 0.00	33.79 1.28 0.00	38.59 1.50 0.00	45.18 1.72 0.00	36.12 1.43 0.00	26.59 1.07 0.00	24.87 1.01 0.00	24.71 0.97 0.00	24.88 0.92 0.00
LOVETT___5 23593	31.95 1.31 0.00	28.12 1.06 0.00	26.85 0.92 0.00	26.99 0.89 0.00	27.21 0.95 0.00	27.85 0.95 0.00	31.27 1.11 0.00	31.93 1.19 0.00	37.25 1.40 0.00	34.41 1.29 0.00	30.75 1.02 0.00	31.44 1.02 0.00	29.36 0.95 0.00	31.36 1.00 0.00	34.55 1.10 0.00	30.08 1.03 0.00	33.79 1.28 0.00	38.59 1.50 0.00	45.18 1.72 0.00	36.12 1.43 0.00	26.59 1.07 0.00	24.87 1.01 0.00	24.71 0.97 0.00	24.88 0.92 0.00
LOWER RAQUET___HYD 24057	30.76 0.13 0.00	27.19 0.13 0.00	26.08 0.15 0.00	26.31 0.21 0.00	26.45 0.19 0.00	27.05 0.15 0.00	30.23 0.07 0.00	30.82 0.08 0.00	35.96 0.10 0.00	33.20 0.08 0.00	29.89 0.16 0.00	30.61 0.20 0.00	28.63 0.22 0.00	30.59 0.22 0.00	33.65 0.21 0.00	29.21 0.16 0.00	32.63 0.12 0.00	37.18 0.09 0.00	43.60 0.14 0.00	34.73 0.04 0.00	25.53 0.01 0.00	23.85 0.00 0.00	23.73 0.00 0.00	23.84 -0.13 0.00
LOWER___HUDSON 24059	31.65 1.01 0.00	27.89 0.83 0.00	26.71 0.78 0.00	26.88 0.78 0.00	27.01 0.75 0.00	27.70 0.79 0.00	31.13 0.96 0.00	31.68 0.94 0.00	36.91 1.06 0.00	34.11 0.99 0.00	30.53 0.80 0.00	31.20 0.79 0.00	29.15 0.73 0.00	31.18 0.81 0.00	34.42 0.97 0.00	29.94 0.88 0.00	33.61 1.10 0.00	38.33 1.24 0.00	44.76 1.30 0.00	35.77 1.09 0.00	26.32 0.80 0.00	24.60 0.74 0.00	24.42 0.69 0.00	24.60 0.63 0.00
LOWVILLE_115KV_TB2 356335	30.95 0.31 0.00	27.33 0.27 0.00	26.10 0.17 0.00	26.28 0.18 0.00	26.41 0.15 0.00	27.09 0.18 0.00	30.35 0.18 0.00	30.86 0.12 0.00	35.90 0.05 0.00	33.29 0.17 0.00	30.16 0.43 0.00	30.98 0.57 0.00	28.94 0.53 0.00	30.93 0.57 0.00	34.00 0.56 0.00	29.50 0.45 0.00	33.10 0.59 0.00	37.52 0.44 0.00	43.65 0.19 0.00	34.44 -0.24 0.00	25.55 0.03 0.00	23.97 0.11 0.00	23.81 0.07 0.00	23.65 -0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.93 1.29 0.00	28.13 1.07 0.00	26.93 1.00 0.00	27.11 1.01 0.00	27.25 0.99 0.00	27.98 1.08 0.00	31.58 1.42 0.00	32.20 1.46 0.00	37.56 1.71 0.00	34.70 1.58 0.00	31.11 1.38 0.00	31.85 1.44 0.00	29.74 1.34 0.00	31.78 1.41 0.00	35.07 1.63 0.00	30.51 1.46 0.00	34.28 1.77 0.00	39.09 2.00 0.00	45.61 2.15 0.00	36.43 1.75 0.00	26.79 1.28 0.00	25.02 1.16 0.00	24.82 1.08 0.00	24.99 1.02 0.00
LUTHERNY_35_KV_BK2 355980	31.95 1.31 0.00	28.13 1.07 0.00	26.91 0.98 0.00	27.11 1.00 0.00	27.24 0.98 0.00	27.98 1.08 0.00	31.61 1.44 0.00	32.23 1.49 0.00	37.60 1.75 0.00	34.70 1.58 0.00	31.12 1.39 0.00	31.87 1.47 0.00	29.74 1.34 0.00	31.79 1.42 0.00	35.10 1.66 0.00	30.51 1.45 0.00	34.29 1.78 0.00	39.10 2.01 0.00	45.63 2.17 0.00	36.45 1.77 0.00	26.80 1.29 0.00	25.03 1.18 0.00	24.82 1.08 0.00	24.99 1.02 0.00
LWR___OSWEGATCHIE_HYD 23850	30.52 -0.11 0.00	26.95 -0.10 0.00	25.80 -0.13 0.00	26.00 -0.10 0.00	26.14 -0.13 0.00	26.75 -0.15 0.00	29.95 -0.22 0.00	30.50 -0.24 0.00	35.54 -0.31 0.00	32.88 -0.24 0.00	29.69 -0.04 0.00	30.46 0.05 0.00	28.47 0.06 0.00	30.42 0.05 0.00	33.44 0.00 0.00	29.03 -0.02 0.00	32.52 0.02 0.00	36.96 -0.13 0.00	43.17 -0.30 0.00	34.21 -0.48 0.00	25.25 -0.26 0.00	23.65 -0.21 0.00	23.50 -0.24 0.00	23.48 -0.49 0.00

LYONS_FALL_HYD 23570	31.09 0.45 0.00	27.45 0.40 0.00	26.24 0.31 0.00	26.41 0.31 0.00	26.56 0.30 0.00	27.23 0.33 0.00	30.55 0.38 0.00	31.11 0.37 0.00	36.25 0.39 0.00	33.57 0.45 0.00	30.32 0.59 0.00	31.10 0.69 0.00	29.04 0.63 0.00	31.04 0.68 0.00	34.15 0.71 0.00	29.64 0.59 0.00	33.25 0.74 0.00	37.76 0.67 0.00	44.02 0.56 0.00	34.88 0.19 0.00	25.78 0.27 0.00	24.14 0.28 0.00	23.99 0.25 0.00	23.95 -0.02 0.00
MADISON___COUNTY_LFGE 323628	31.20 0.57 0.00	27.56 0.50 0.00	26.39 0.46 0.00	26.56 0.45 0.00	26.72 0.45 0.00	27.39 0.49 0.00	30.79 0.62 0.00	31.43 0.69 0.00	36.70 0.85 0.00	33.93 0.81 0.00	30.53 0.80 0.00	31.25 0.84 0.00	29.16 0.75 0.00	31.18 0.81 0.00	34.37 0.92 0.00	29.83 0.78 0.00	33.42 0.91 0.00	38.02 0.93 0.00	44.42 0.96 0.00	35.40 0.71 0.00	26.06 0.54 0.00	24.33 0.47 0.00	24.17 0.43 0.00	24.36 0.39 0.00
MALONE___115KV_TB1 356076	31.81 1.17 0.00	28.12 1.06 0.00	26.98 1.05 0.00	27.25 1.14 0.00	27.40 1.13 0.00	28.00 1.10 0.00	31.34 1.17 0.00	31.96 1.22 0.00	37.28 1.43 0.00	34.42 1.30 0.00	30.93 1.20 0.00	31.71 1.30 0.00	29.68 1.27 0.00	31.71 1.35 0.00	34.94 1.49 0.00	30.32 1.27 0.00	33.85 1.34 0.00	38.60 1.51 0.00	45.25 1.78 0.00	36.10 1.42 0.00	26.51 0.99 0.00	24.75 0.89 0.00	24.61 0.87 0.00	24.73 0.76 0.00
MAPLEWOD_115KV_TB3 80458	31.49 0.85 0.00	27.78 0.72 0.00	26.61 0.68 0.00	26.77 0.66 0.00	26.92 0.65 0.00	27.59 0.68 0.00	30.94 0.77 0.00	31.48 0.74 0.00	36.67 0.82 0.00	33.93 0.81 0.00	30.35 0.62 0.00	31.04 0.63 0.00	28.98 0.57 0.00	31.00 0.63 0.00	34.20 0.76 0.00	29.74 0.69 0.00	33.39 0.88 0.00	38.09 1.00 0.00	44.51 1.05 0.00	35.56 0.88 0.00	26.16 0.64 0.00	24.47 0.62 0.00	24.29 0.55 0.00	24.46 0.49 0.00
MAPLE RIDGE_WT_1 323574	30.33 -0.31 0.00	26.89 -0.16 0.00	25.80 -0.13 0.00	25.95 -0.16 0.00	26.16 -0.10 0.00	26.84 -0.07 0.00	30.11 -0.05 0.00	30.68 -0.06 0.00	35.81 -0.04 0.00	33.07 -0.05 0.00	29.70 -0.03 0.00	30.40 -0.01 0.00	28.43 0.03 0.00	30.46 0.10 0.00	33.51 0.06 0.00	29.07 0.02 0.00	32.56 0.06 0.00	37.03 -0.06 0.00	43.24 -0.22 0.00	34.38 -0.31 0.00	25.32 -0.20 0.00	23.62 -0.24 0.00	23.51 -0.22 0.00	23.71 -0.26 0.00
MAPLE RIDGE_WT_2 323611	30.33 -0.31 0.00	26.89 -0.16 0.00	25.80 -0.13 0.00	25.95 -0.16 0.00	26.16 -0.10 0.00	26.84 -0.07 0.00	30.11 -0.05 0.00	30.68 -0.06 0.00	35.81 -0.04 0.00	33.07 -0.05 0.00	29.70 -0.03 0.00	30.40 -0.01 0.00	28.43 0.03 0.00	30.46 0.10 0.00	33.51 0.06 0.00	29.07 0.02 0.00	32.56 0.06 0.00	37.03 -0.06 0.00	43.24 -0.22 0.00	34.38 -0.31 0.00	25.32 -0.20 0.00	23.62 -0.24 0.00	23.51 -0.22 0.00	23.71 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	31.59 0.95 0.00	27.94 0.88 0.00	26.82 0.89 0.00	27.08 0.97 0.00	27.24 0.98 0.00	27.84 0.94 0.00	31.16 1.00 0.00	31.76 1.02 0.00	37.05 1.20 0.00	34.16 1.04 0.00	30.71 0.98 0.00	31.45 1.04 0.00	29.44 1.03 0.00	31.50 1.13 0.00	34.72 1.27 0.00	30.13 1.08 0.00	33.64 1.13 0.00	38.33 1.24 0.00	44.88 1.42 0.00	35.87 1.19 0.00	26.36 0.84 0.00	24.62 0.76 0.00	24.49 0.75 0.00	24.65 0.68 0.00
MARSHVLE_115KV_TB1 80742	32.33 1.69 0.00	28.55 1.49 0.00	27.40 1.46 0.00	27.54 1.43 0.00	27.74 1.47 0.00	28.44 1.54 0.00	31.89 1.73 0.00	32.57 1.83 0.00	38.08 2.23 0.00	35.21 2.09 0.00	31.67 1.94 0.00	32.44 2.02 0.00	30.34 1.94 0.00	32.44 2.08 0.00	35.62 2.17 0.00	30.93 1.88 0.00	34.60 2.09 0.00	39.40 2.31 0.00	46.29 2.83 0.00	36.81 2.13 0.00	27.07 1.55 0.00	25.33 1.47 0.00	25.15 1.42 0.00	25.42 1.45 0.00
MARSH_HILL_WT_PWR 323713	29.12 -1.62 -0.10	25.69 -1.36 0.00	24.56 -1.37 0.00	24.68 -1.43 0.00	24.83 -1.43 0.00	25.87 -1.36 -0.32	28.81 -1.46 -0.11	29.33 -1.46 -0.06	34.32 -1.53 0.00	31.76 -1.36 0.00	28.98 -0.75 0.00	29.46 -0.95 0.00	27.42 -0.99 0.00	29.25 -1.11 0.00	32.15 -1.30 0.00	27.90 -1.16 0.00	30.26 -2.25 0.00	34.54 -2.55 0.00	40.55 -2.91 0.00	32.39 -2.29 0.00	23.60 -1.92 0.00	21.97 -1.89 0.00	22.02 -1.72 0.00	22.31 -1.65 0.00
MCINTYRE_115KV_TB2 80467	31.82 1.18 0.00	28.12 1.07 0.00	26.98 1.05 0.00	27.21 1.10 0.00	27.36 1.09 0.00	27.97 1.07 0.00	31.24 1.08 0.00	31.87 1.13 0.00	37.19 1.34 0.00	34.30 1.18 0.00	30.85 1.12 0.00	31.56 1.15 0.00	29.51 1.10 0.00	31.54 1.18 0.00	34.69 1.25 0.00	30.14 1.09 0.00	33.70 1.19 0.00	38.42 1.33 0.00	45.10 1.63 0.00	35.95 1.26 0.00	26.37 0.86 0.00	24.62 0.77 0.00	24.50 0.76 0.00	24.63 0.66 0.00
MECO_____69_KV_BK1 80468	33.71 3.07 0.00	29.71 2.66 0.00	28.46 2.53 0.00	28.57 2.47 0.00	28.76 2.50 0.00	29.50 2.60 0.00	33.25 3.08 0.00	34.02 3.28 0.00	39.67 3.81 0.00	36.78 3.66 0.00	32.93 3.20 0.00	33.63 3.22 0.00	31.55 3.14 0.00	33.71 3.35 0.00	37.10 3.66 0.00	32.32 3.27 0.00	36.36 3.84 0.00	41.45 4.36 0.00	48.60 5.14 0.00	38.66 3.98 0.00	28.40 2.88 0.00	26.49 2.63 0.00	26.22 2.48 0.00	26.41 2.44 0.00
MENANDS___115KV_TB5 355628	31.32 0.69 0.00	27.66 0.60 0.00	26.49 0.55 0.00	26.65 0.54 0.00	26.80 0.53 0.00	27.45 0.55 0.00	30.78 0.61 0.00	31.30 0.56 0.00	36.45 0.60 0.00	33.72 0.60 0.00	30.16 0.43 0.00	30.82 0.41 0.00	28.79 0.38 0.00	30.79 0.43 0.00	33.97 0.53 0.00	29.55 0.50 0.00	33.17 0.66 0.00	37.83 0.74 0.00	44.21 0.75 0.00	35.33 0.64 0.00	25.99 0.47 0.00	24.32 0.46 0.00	24.15 0.41 0.00	24.32 0.35 0.00
MG INDUSTRY___DRP 24185	31.39 0.76 0.00	27.72 0.66 0.00	26.56 0.63 0.00	26.73 0.63 0.00	26.88 0.62 0.00	27.55 0.64 0.00	30.88 0.72 0.00	31.42 0.68 0.00	36.58 0.73 0.00	33.83 0.72 0.00	30.28 0.55 0.00	30.95 0.54 0.00	28.91 0.50 0.00	30.91 0.55 0.00	34.07 0.63 0.00	29.63 0.58 0.00	33.24 0.73 0.00	37.91 0.82 0.00	44.33 0.87 0.00	35.40 0.72 0.00	26.05 0.53 0.00	24.37 0.52 0.00	24.21 0.48 0.00	24.40 0.44 0.00
MID___OSWEGATCHIE_HYD 23849	30.52 -0.11 0.00	26.95 -0.10 0.00	25.80 -0.13 0.00	26.00 -0.10 0.00	26.14 -0.13 0.00	26.75 -0.15 0.00	29.95 -0.22 0.00	30.50 -0.24 0.00	35.54 -0.31 0.00	32.88 -0.24 0.00	29.69 -0.04 0.00	30.46 0.05 0.00	28.47 0.06 0.00	30.42 0.05 0.00	33.44 0.00 0.00	29.03 -0.02 0.00	32.52 0.02 0.00	36.96 -0.13 0.00	43.17 -0.30 0.00	34.21 -0.48 0.00	25.25 -0.26 0.00	23.65 -0.21 0.00	23.50 -0.24 0.00	23.48 -0.49 0.00
MID___RAQUETTE_HYD 23851	30.76 0.12 0.00	27.19 0.13 0.00	26.08 0.15 0.00	26.31 0.20 0.00	26.45 0.19 0.00	27.05 0.15 0.00	30.23 0.06 0.00	30.82 0.08 0.00	35.96 0.10 0.00	33.20 0.08 0.00	29.89 0.16 0.00	30.61 0.20 0.00	28.63 0.22 0.00	30.59 0.23 0.00	33.65 0.20 0.00	29.21 0.16 0.00	32.63 0.12 0.00	37.18 0.09 0.00	43.60 0.14 0.00	34.73 0.04 0.00	25.53 0.01 0.00	23.85 0.00 0.00	23.73 0.00 0.00	23.84 -0.13 0.00

MILLIKEN___1 23584	30.73 0.09 0.00	27.11 0.05 0.00	25.98 0.05 0.00	26.16 0.05 0.00	26.29 0.02 0.00	26.96 0.05 0.00	30.28 0.11 0.00	30.88 0.15 0.00	36.08 0.23 0.00	33.30 0.19 0.00	29.98 0.25 0.00	30.63 0.22 0.00	28.60 0.19 0.00	30.56 0.19 0.00	33.65 0.20 0.00	29.21 0.15 0.00	32.67 0.16 0.00	37.35 0.26 0.00	43.76 0.30 0.00	34.92 0.23 0.00	25.65 0.14 0.00	23.95 0.09 0.00	23.85 0.11 0.00	24.08 0.11 0.00
MILLIKEN___2 23585	30.73 0.09 0.00	27.11 0.05 0.00	25.98 0.05 0.00	26.16 0.05 0.00	26.29 0.02 0.00	26.96 0.05 0.00	30.28 0.11 0.00	30.88 0.15 0.00	36.08 0.23 0.00	33.30 0.19 0.00	29.98 0.25 0.00	30.63 0.22 0.00	28.60 0.19 0.00	30.56 0.19 0.00	33.65 0.20 0.00	29.21 0.15 0.00	32.67 0.16 0.00	37.35 0.26 0.00	43.76 0.30 0.00	34.92 0.23 0.00	25.65 0.14 0.00	23.95 0.09 0.00	23.85 0.11 0.00	24.08 0.11 0.00
MILLIKEN___DIESEL 23629	30.73 0.09 0.00	27.11 0.05 0.00	25.98 0.05 0.00	26.16 0.05 0.00	26.29 0.02 0.00	26.96 0.05 0.00	30.28 0.11 0.00	30.88 0.15 0.00	36.08 0.23 0.00	33.30 0.19 0.00	29.98 0.25 0.00	30.63 0.22 0.00	28.60 0.19 0.00	30.56 0.19 0.00	33.65 0.20 0.00	29.21 0.15 0.00	32.67 0.16 0.00	37.35 0.26 0.00	43.76 0.30 0.00	34.92 0.23 0.00	25.65 0.14 0.00	23.95 0.09 0.00	23.85 0.11 0.00	24.08 0.11 0.00
MILLSEAT___LFGE 323607	28.62 -1.82 0.20	25.56 -1.50 0.00	24.67 -1.26 0.00	24.80 -1.30 0.00	24.97 -1.29 0.00	24.99 -1.26 0.65	28.40 -1.54 0.22	28.75 -1.88 0.11	33.60 -2.25 0.00	30.95 -2.17 0.00	28.12 -1.61 0.00	28.84 -1.57 0.00	26.89 -1.52 0.00	28.66 -1.70 0.00	31.45 -2.00 0.00	27.25 -1.80 0.00	30.32 -2.19 0.00	34.95 -2.14 0.00	40.86 -2.60 0.00	32.62 -2.06 0.00	23.86 -1.65 0.00	22.26 -1.60 0.00	22.31 -1.43 0.00	22.61 -1.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.05 1.41 0.00	28.20 1.14 0.00	26.92 0.99 0.00	27.07 0.96 0.00	27.28 1.01 0.00	27.92 1.02 0.00	31.35 1.19 0.00	32.02 1.28 0.00	37.36 1.51 0.00	34.54 1.42 0.00	30.87 1.14 0.00	31.54 1.13 0.00	29.46 1.05 0.00	31.46 1.10 0.00	34.66 1.21 0.00	30.19 1.13 0.00	33.90 1.39 0.00	38.71 1.63 0.00	45.31 1.85 0.00	36.22 1.53 0.00	26.67 1.16 0.00	24.95 1.09 0.00	24.78 1.04 0.00	24.94 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	32.13 1.49 0.00	28.27 1.21 0.00	26.99 1.05 0.00	27.13 1.02 0.00	27.34 1.07 0.00	27.98 1.08 0.00	31.43 1.26 0.00	32.09 1.35 0.00	37.45 1.60 0.00	34.64 1.52 0.00	30.95 1.22 0.00	31.63 1.22 0.00	29.54 1.13 0.00	31.54 1.18 0.00	34.75 1.31 0.00	30.27 1.21 0.00	33.99 1.48 0.00	38.83 1.74 0.00	45.44 1.97 0.00	36.32 1.63 0.00	26.74 1.23 0.00	25.02 1.16 0.00	24.84 1.10 0.00	24.99 1.03 0.00
MODEL_CITY_ENERGY 24167	27.64 -2.76 0.23	24.77 -2.29 0.00	23.94 -1.99 0.00	24.08 -2.02 0.00	24.24 -2.02 0.00	24.13 -2.02 0.75	27.46 -2.45 0.25	27.72 -2.89 0.13	32.38 -3.48 0.00	29.77 -3.34 0.00	27.08 -2.65 0.00	27.79 -2.62 0.00	25.94 -2.47 0.00	27.64 -2.72 0.00	30.28 -3.16 0.00	26.24 -2.81 0.00	29.13 -3.38 0.00	33.59 -3.50 0.00	39.27 -4.19 0.00	31.39 -3.29 0.00	22.98 -2.54 0.00	21.45 -2.40 0.00	21.55 -2.19 0.00	21.87 -2.10 0.00
MODERN_LFGE___ 323580	27.64 -2.76 0.23	24.77 -2.29 0.00	23.94 -1.99 0.00	24.08 -2.02 0.00	24.24 -2.02 0.00	24.13 -2.02 0.75	27.46 -2.45 0.25	27.72 -2.89 0.13	32.38 -3.48 0.00	29.77 -3.34 0.00	27.08 -2.65 0.00	27.79 -2.62 0.00	25.94 -2.47 0.00	27.64 -2.72 0.00	30.28 -3.16 0.00	26.24 -2.81 0.00	29.13 -3.38 0.00	33.59 -3.50 0.00	39.27 -4.19 0.00	31.39 -3.29 0.00	22.98 -2.54 0.00	21.45 -2.40 0.00	21.55 -2.19 0.00	21.87 -2.10 0.00
MOHAWK_PAPER___DRP 24187	31.49 0.85 0.00	27.78 0.72 0.00	26.61 0.68 0.00	26.77 0.66 0.00	26.92 0.65 0.00	27.59 0.68 0.00	30.94 0.77 0.00	31.48 0.74 0.00	36.67 0.82 0.00	33.93 0.81 0.00	30.35 0.62 0.00	31.04 0.63 0.00	28.98 0.57 0.00	31.00 0.63 0.00	34.20 0.76 0.00	29.74 0.69 0.00	33.39 0.88 0.00	38.09 1.00 0.00	44.51 1.05 0.00	35.56 0.88 0.00	26.16 0.64 0.00	24.47 0.62 0.00	24.29 0.55 0.00	24.46 0.49 0.00
MOHICAN___35_KV_115KV_LD 80490	31.94 1.30 0.00	28.12 1.06 0.00	26.93 0.99 0.00	27.12 1.01 0.00	27.24 0.98 0.00	28.04 1.14 0.00	31.88 1.72 0.00	32.55 1.81 0.00	37.99 2.14 0.00	35.11 2.00 0.00	31.52 1.79 0.00	32.34 1.93 0.00	30.26 1.85 0.00	32.28 1.91 0.00	35.66 2.21 0.00	31.06 2.01 0.00	34.95 2.44 0.00	39.81 2.72 0.00	46.24 2.78 0.00	36.96 2.27 0.00	27.16 1.65 0.00	25.34 1.48 0.00	25.12 1.38 0.00	25.25 1.28 0.00
MONGAUP___HYD 23641	32.08 1.44 0.00	28.12 1.06 0.00	26.84 0.91 0.00	26.99 0.88 0.00	27.19 0.93 0.00	27.84 0.94 0.00	31.30 1.13 0.00	32.00 1.26 0.00	37.38 1.53 0.00	34.56 1.44 0.00	30.98 1.25 0.00	31.53 1.12 0.00	29.41 1.00 0.00	31.39 1.03 0.00	34.74 1.29 0.00	30.15 1.09 0.00	33.67 1.17 0.00	38.51 1.42 0.00	45.06 1.59 0.00	35.99 1.30 0.00	26.68 1.17 0.00	24.89 1.04 0.00	24.73 0.99 0.00	24.90 0.93 0.00
MONTAUK___DIESEL 23721	91.02 3.81 -56.57	30.24 3.18 0.00	28.82 2.89 0.00	29.11 3.01 0.00	29.37 3.11 0.00	29.99 3.09 0.00	33.66 3.50 0.00	34.52 3.78 0.00	48.58 4.43 -8.30	42.52 3.87 -5.53	98.27 3.46 -65.08	38.41 3.43 -4.57	38.08 3.09 -6.58	35.41 3.35 -1.69	38.52 3.72 -1.35	34.73 3.40 -2.28	39.87 3.94 -3.42	41.65 4.56 0.00	50.45 5.46 -1.53	73.45 4.36 -34.40	28.69 3.18 0.00	26.87 3.01 0.00	26.57 2.83 0.00	26.68 2.72 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.33 -1.31 0.00	25.97 -1.09 0.00	25.02 -0.91 0.00	25.13 -0.98 0.00	25.30 -0.97 0.00	26.04 -0.86 0.00	29.28 -0.88 0.00	29.56 -1.18 0.00	34.45 -1.40 0.00	31.44 -1.67 0.00	28.44 -1.29 0.00	29.09 -1.32 0.00	27.09 -1.32 0.00	28.99 -1.38 0.00	31.94 -1.51 0.00	27.48 -1.57 0.00	30.40 -2.11 0.00	35.09 -2.00 0.00	41.10 -2.36 0.00	32.90 -1.79 0.00	24.08 -1.44 0.00	22.54 -1.32 0.00	22.67 -1.07 0.00	23.05 -0.91 0.00
MORTIMER_115KV_TB3 55949	29.14 -1.50 0.00	25.81 -1.24 0.00	24.84 -1.09 0.00	25.00 -1.11 0.00	25.15 -1.11 0.00	25.81 -1.10 0.00	28.89 -1.27 0.00	29.26 -1.47 0.00	34.10 -1.75 0.00	31.43 -1.69 0.00	28.42 -1.31 0.00	29.14 -1.27 0.00	27.20 -1.21 0.00	29.02 -1.35 0.00	31.90 -1.55 0.00	27.65 -1.40 0.00	30.85 -1.66 0.00	35.44 -1.64 0.00	41.49 -1.97 0.00	33.08 -1.61 0.00	24.24 -1.28 0.00	22.65 -1.21 0.00	22.62 -1.12 0.00	22.93 -1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.21 1.57 0.00	28.33 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.11 0.00	28.03 1.13 0.00	31.47 1.31 0.00	32.14 1.40 0.00	37.51 1.66 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.19 0.00	31.59 1.22 0.00	34.80 1.36 0.00	30.32 1.26 0.00	34.03 1.52 0.00	38.86 1.77 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.80 1.29 0.00	25.10 1.25 0.00	24.92 1.18 0.00	25.06 1.10 0.00

MUNSVILLE_WIND_PWR 323609	32.23 1.54 -0.06	28.34 1.28 0.00	27.20 1.27 0.00	27.39 1.29 0.00	27.62 1.36 0.00	28.57 1.48 -0.19	32.18 1.95 -0.06	32.88 2.11 -0.03	38.33 2.48 0.00	35.47 2.35 0.00	31.88 2.15 0.00	32.63 2.23 0.00	30.54 2.13 0.00	32.68 2.32 0.00	35.98 2.53 0.00	30.95 1.89 0.00	34.72 2.21 0.00	39.43 2.35 0.00	46.34 2.88 0.00	37.06 2.38 0.00	26.98 1.47 0.00	25.23 1.38 0.00	25.13 1.39 0.00	25.24 1.28 0.00
N SALMON___HYD 24042	31.81 1.17 0.00	28.12 1.06 0.00	26.98 1.05 0.00	27.25 1.14 0.00	27.40 1.13 0.00	28.00 1.10 0.00	31.34 1.18 0.00	31.96 1.22 0.00	37.28 1.43 0.00	34.42 1.30 0.00	30.93 1.20 0.00	31.71 1.30 0.00	29.68 1.27 0.00	31.71 1.35 0.00	34.94 1.49 0.00	30.32 1.27 0.00	33.85 1.35 0.00	38.60 1.52 0.00	45.25 1.78 0.00	36.10 1.42 0.00	26.51 0.99 0.00	24.75 0.89 0.00	24.61 0.87 0.00	24.73 0.76 0.00
N.AKRON__115KV_KNAPP 355671	28.80 -1.84 0.00	25.55 -1.50 0.00	24.67 -1.27 0.00	24.80 -1.30 0.00	24.97 -1.29 0.00	25.63 -1.27 0.00	28.62 -1.55 0.00	28.85 -1.89 0.00	33.57 -2.28 0.00	30.92 -2.20 0.00	28.07 -1.66 0.00	28.81 -1.60 0.00	26.88 -1.53 0.00	28.65 -1.72 0.00	31.42 -2.02 0.00	27.24 -1.82 0.00	30.31 -2.21 0.00	34.93 -2.16 0.00	40.83 -2.63 0.00	32.60 -2.09 0.00	23.83 -1.68 0.00	22.25 -1.61 0.00	22.29 -1.44 0.00	22.60 -1.37 0.00
N.BELMOR_69_KV_BK1 55787	89.37 2.16 -56.57	28.82 1.77 0.00	27.44 1.51 0.00	27.65 1.54 0.00	27.88 1.62 0.00	28.45 1.55 0.00	31.97 1.81 0.00	32.72 1.98 0.00	46.50 2.34 -8.30	40.88 2.24 -5.53	96.72 1.91 -65.08	36.92 1.93 -4.57	36.77 1.78 -6.58	33.91 1.86 -1.69	36.83 2.03 -1.35	33.19 1.86 -2.28	38.10 2.17 -3.42	39.58 2.49 0.00	47.90 2.91 -1.53	71.44 2.35 -34.40	27.34 1.82 0.00	25.55 1.69 0.00	25.36 1.63 0.00	25.52 1.55 0.00
N.E_GEN_SANDY PD 24062	47.65 1.22 -15.78	28.03 0.98 0.00	26.82 0.89 0.00	27.05 0.90 -0.04	27.15 0.88 0.00	27.79 0.89 0.00	31.20 1.03 0.00	31.63 1.00 0.10	36.97 1.12 0.00	34.19 1.07 0.00	30.52 0.79 0.00	31.24 0.75 -0.08	29.08 0.67 0.00	31.12 0.76 0.00	34.36 0.91 0.00	29.75 0.84 0.14	33.61 1.11 0.00	38.35 1.26 0.00	44.75 1.29 0.00	35.79 1.10 0.00	26.34 0.83 0.00	24.64 0.78 0.00	24.47 0.73 0.00	24.66 0.69 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.01 1.37 0.00	28.17 1.12 0.00	26.89 0.96 0.00	27.04 0.94 0.00	27.26 1.00 0.00	27.90 1.00 0.00	31.33 1.16 0.00	31.99 1.25 0.00	37.32 1.47 0.00	34.48 1.36 0.00	30.81 1.08 0.00	31.49 1.08 0.00	29.42 1.01 0.00	31.41 1.05 0.00	34.62 1.17 0.00	30.14 1.08 0.00	33.85 1.34 0.00	38.67 1.58 0.00	45.27 1.81 0.00	36.19 1.50 0.00	26.64 1.12 0.00	24.92 1.06 0.00	24.76 1.02 0.00	24.93 0.96 0.00
N.QUEENS_27_KV_LOAD 356247	32.15 1.51 0.00	28.34 1.28 0.00	27.02 1.09 0.00	27.13 1.03 0.00	27.30 1.03 0.00	28.00 1.10 0.00	31.41 1.25 0.00	32.15 1.42 0.00	37.52 1.67 0.00	34.76 1.64 0.00	31.09 1.36 0.00	31.77 1.36 0.00	29.67 1.26 0.00	31.63 1.27 0.00	34.86 1.41 0.00	30.41 1.36 0.00	34.00 1.49 0.00	38.86 1.77 0.00	45.50 2.04 0.00	36.52 1.83 0.00	26.89 1.38 0.00	25.13 1.27 0.00	24.93 1.19 0.00	25.06 1.09 0.00
N.TROY___115KV_TB1 355778	31.65 1.01 0.00	27.89 0.83 0.00	26.71 0.78 0.00	26.88 0.77 0.00	27.01 0.75 0.00	27.70 0.79 0.00	31.13 0.97 0.00	31.68 0.94 0.00	36.92 1.06 0.00	34.11 1.00 0.00	30.54 0.80 0.00	31.20 0.79 0.00	29.14 0.73 0.00	31.18 0.81 0.00	34.42 0.97 0.00	29.93 0.88 0.00	33.61 1.10 0.00	38.33 1.24 0.00	44.76 1.30 0.00	35.77 1.09 0.00	26.32 0.80 0.00	24.60 0.74 0.00	24.42 0.69 0.00	24.60 0.63 0.00
NARROWS_GT1_1 24228	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NARROWS_GT1_2 24229	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NARROWS_GT1_3 24230	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NARROWS_GT1_4 24231	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NARROWS_GT1_5 24232	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NARROWS_GT1_6 24233	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NARROWS_GT1_7 24234	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00

NARROWS_GT1_8 24235	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NARROWS_GT2_1 24236	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NARROWS_GT2_2 24237	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NARROWS_GT2_3 24238	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NARROWS_GT2_4 24239	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NARROWS_GT2_5 24240	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NARROWS_GT2_6 24241	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NARROWS_GT2_7 24242	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NARROWS_GT2_8 24243	32.46 1.82 0.00	28.56 1.51 0.00	27.21 1.28 0.00	27.35 1.24 0.00	27.54 1.28 0.00	28.22 1.32 0.00	31.60 1.44 0.00	32.26 1.53 0.00	37.68 1.83 0.00	34.87 1.76 0.00	31.15 1.42 0.00	31.81 1.41 0.00	29.71 1.30 0.00	31.71 1.34 0.00	34.92 1.48 0.00	30.44 1.39 0.00	34.15 1.64 0.00	38.99 1.90 0.00	45.65 2.19 0.00	36.57 1.88 0.00	26.93 1.41 0.00	25.22 1.37 0.00	25.05 1.31 0.00	25.19 1.22 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.19 1.56 0.00	28.43 1.38 0.00	27.26 1.33 0.00	27.42 1.32 0.00	27.57 1.30 0.00	28.28 1.38 0.00	31.73 1.56 0.00	32.29 1.56 0.00	37.59 1.74 0.00	34.78 1.66 0.00	31.19 1.46 0.00	31.91 1.50 0.00	29.77 1.36 0.00	31.81 1.44 0.00	35.05 1.61 0.00	30.50 1.44 0.00	34.28 1.78 0.00	39.14 2.06 0.00	45.72 2.26 0.00	36.45 1.76 0.00	26.80 1.28 0.00	25.02 1.16 0.00	24.80 1.06 0.00	24.93 0.96 0.00
NCHELSEA_115KV_TR2 355582	32.34 1.70 0.00	28.46 1.40 0.00	27.17 1.24 0.00	27.33 1.23 0.00	27.53 1.27 0.00	28.19 1.28 0.00	31.67 1.50 0.00	32.33 1.59 0.00	37.75 1.89 0.00	34.91 1.79 0.00	31.21 1.48 0.00	31.89 1.48 0.00	29.75 1.35 0.00	31.78 1.42 0.00	35.01 1.57 0.00	30.50 1.45 0.00	34.28 1.77 0.00	39.17 2.08 0.00	45.81 2.35 0.00	36.58 1.89 0.00	26.93 1.41 0.00	25.17 1.31 0.00	24.99 1.25 0.00	25.14 1.17 0.00
NEG CAPITAL___MECHNVIL 23645	31.97 1.33 0.00	28.17 1.11 0.00	26.97 1.04 0.00	27.15 1.04 0.00	27.28 1.02 0.00	28.01 1.11 0.00	31.59 1.42 0.00	32.20 1.46 0.00	37.56 1.71 0.00	34.73 1.61 0.00	31.12 1.38 0.00	31.85 1.44 0.00	29.74 1.34 0.00	31.78 1.41 0.00	35.09 1.64 0.00	30.52 1.47 0.00	34.29 1.78 0.00	39.10 2.02 0.00	45.65 2.19 0.00	36.45 1.76 0.00	26.80 1.28 0.00	25.03 1.17 0.00	24.83 1.09 0.00	24.99 1.02 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.74 -1.82 0.08	25.51 -1.55 0.00	24.53 -1.40 0.00	24.67 -1.43 0.00	24.82 -1.45 0.00	25.19 -1.44 0.27	28.45 -1.63 0.09	28.92 -1.77 0.05	33.78 -2.08 0.00	31.16 -1.95 0.00	28.17 -1.56 0.00	28.86 -1.55 0.00	26.93 -1.48 0.00	28.74 -1.63 0.00	31.60 -1.85 0.00	27.41 -1.64 0.00	30.61 -1.90 0.00	35.11 -1.98 0.00	41.08 -2.38 0.00	32.76 -1.92 0.00	24.03 -1.49 0.00	22.44 -1.42 0.00	22.38 -1.36 0.00	22.67 -1.30 0.00
NEG CENTRAL___DRP 24199	29.99 -0.65 0.00	26.49 -0.57 0.00	25.39 -0.54 0.00	25.54 -0.56 0.00	25.67 -0.58 0.00	26.34 -0.56 0.00	29.56 -0.60 0.00	30.11 -0.63 0.00	35.11 -0.74 0.00	32.42 -0.70 0.00	29.31 -0.42 0.00	29.94 -0.47 0.00	27.96 -0.45 0.00	29.82 -0.54 0.00	32.77 -0.68 0.00	28.51 -0.55 0.00	31.79 -0.72 0.00	36.35 -0.74 0.00	42.60 -0.86 0.00	34.02 -0.67 0.00	25.02 -0.49 0.00	23.34 -0.52 0.00	23.24 -0.50 0.00	23.53 -0.44 0.00
NEG CENTRAL___INDECK 23768	30.03 -0.61 0.00	26.56 -0.50 0.00	25.51 -0.42 0.00	25.63 -0.47 0.00	25.80 -0.47 0.00	26.49 -0.41 0.00	29.72 -0.44 0.00	30.23 -0.50 0.00	35.34 -0.51 0.00	32.58 -0.54 0.00	29.58 -0.16 0.00	30.10 -0.31 0.00	27.99 -0.42 0.00	29.84 -0.52 0.00	32.89 -0.55 0.00	28.57 -0.48 0.00	31.68 -0.84 0.00	36.43 -0.66 0.00	42.64 -0.82 0.00	34.01 -0.68 0.00	24.87 -0.65 0.00	23.18 -0.67 0.00	23.16 -0.58 0.00	23.43 -0.54 0.00



NEG CENTRAL___SENECA 23627	29.98 -0.66 0.00	26.49 -0.56 0.00	25.39 -0.54 0.00	25.54 -0.57 0.00	25.69 -0.57 0.00	26.35 -0.55 0.00	29.58 -0.58 0.00	30.12 -0.62 0.00	35.11 -0.74 0.00	32.41 -0.71 0.00	29.40 -0.33 0.00	30.01 -0.40 0.00	28.01 -0.40 0.00	29.86 -0.51 0.00	32.77 -0.68 0.00	28.54 -0.51 0.00	31.76 -0.75 0.00	36.33 -0.76 0.00	42.59 -0.87 0.00	34.04 -0.65 0.00	25.02 -0.49 0.00	23.33 -0.53 0.00	23.24 -0.50 0.00	23.52 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	30.31 -0.33 0.00	26.68 -0.37 0.00	25.63 -0.30 0.00	25.82 -0.29 0.00	25.88 -0.39 0.00	26.53 -0.38 0.00	29.76 -0.40 0.00	30.34 -0.40 0.00	35.40 -0.45 0.00	32.69 -0.43 0.00	29.43 -0.30 0.00	30.10 -0.31 0.00	28.10 -0.31 0.00	30.02 -0.34 0.00	33.05 -0.40 0.00	28.70 -0.35 0.00	32.09 -0.42 0.00	36.69 -0.40 0.00	42.97 -0.49 0.00	34.29 -0.40 0.00	25.21 -0.31 0.00	23.55 -0.31 0.00	23.45 -0.29 0.00	23.72 -0.25 0.00
NEG MILLWOOD___DRP 24198	32.48 1.84 0.00	28.57 1.51 0.00	27.28 1.35 0.00	27.43 1.33 0.00	27.64 1.37 0.00	28.29 1.39 0.00	31.81 1.64 0.00	32.48 1.75 0.00	37.91 2.06 0.00	35.08 1.96 0.00	31.37 1.64 0.00	32.04 1.63 0.00	29.90 1.49 0.00	31.93 1.57 0.00	35.18 1.73 0.00	30.63 1.58 0.00	34.42 1.91 0.00	39.35 2.26 0.00	46.01 2.55 0.00	36.76 2.07 0.00	27.06 1.54 0.00	25.29 1.43 0.00	25.10 1.36 0.00	25.24 1.27 0.00
NEG NORTH_FLCN_SEA 23793	32.04 1.40 0.00	28.33 1.27 0.00	27.19 1.26 0.00	27.49 1.38 0.00	27.64 1.38 0.00	28.24 1.34 0.00	31.63 1.46 0.00	32.24 1.51 0.00	37.62 1.77 0.00	34.65 1.54 0.00	31.15 1.42 0.00	31.89 1.48 0.00	29.87 1.47 0.00	32.00 1.64 0.00	35.29 1.84 0.00	30.65 1.59 0.00	34.22 1.71 0.00	38.96 1.87 0.00	45.54 2.08 0.00	36.42 1.73 0.00	26.77 1.25 0.00	24.99 1.13 0.00	24.84 1.10 0.00	24.97 1.00 0.00
NEG NORTH_KES_CHATEGAY 23792	31.63 1.00 0.00	27.98 0.93 0.00	26.86 0.93 0.00	27.13 1.02 0.00	27.28 1.02 0.00	27.89 0.99 0.00	31.21 1.04 0.00	31.82 1.08 0.00	37.12 1.27 0.00	34.24 1.12 0.00	30.76 1.03 0.00	31.51 1.10 0.00	29.51 1.10 0.00	31.55 1.19 0.00	34.77 1.32 0.00	30.18 1.12 0.00	33.69 1.18 0.00	38.40 1.31 0.00	45.01 1.55 0.00	35.95 1.26 0.00	26.41 0.89 0.00	24.67 0.81 0.00	24.54 0.80 0.00	24.70 0.73 0.00
NEG NORTH___ALICE_FALLS 23915	32.16 1.53 0.00	28.44 1.38 0.00	27.28 1.36 0.00	27.57 1.47 0.00	27.73 1.47 0.00	28.34 1.43 0.00	31.74 1.57 0.00	32.36 1.62 0.00	37.77 1.91 0.00	34.80 1.68 0.00	31.28 1.55 0.00	32.03 1.62 0.00	29.99 1.58 0.00	32.09 1.73 0.00	35.40 1.95 0.00	30.73 1.68 0.00	34.33 1.82 0.00	39.11 2.02 0.00	45.75 2.28 0.00	36.57 1.88 0.00	26.87 1.35 0.00	25.08 1.22 0.00	24.91 1.17 0.00	25.04 1.07 0.00
NEG NORTH___LWR_SARANAC 23913	32.16 1.53 0.00	28.44 1.38 0.00	27.28 1.36 0.00	27.57 1.47 0.00	27.73 1.47 0.00	28.34 1.43 0.00	31.74 1.57 0.00	32.36 1.62 0.00	37.77 1.91 0.00	34.80 1.68 0.00	31.28 1.55 0.00	32.03 1.62 0.00	29.99 1.58 0.00	32.09 1.73 0.00	35.40 1.95 0.00	30.73 1.68 0.00	34.33 1.82 0.00	39.11 2.02 0.00	45.75 2.28 0.00	36.57 1.88 0.00	26.87 1.35 0.00	25.08 1.22 0.00	24.91 1.17 0.00	25.04 1.07 0.00
NEG NORTH___PLATTSBURG 23628	32.16 1.53 0.00	28.44 1.38 0.00	27.28 1.35 0.00	27.57 1.47 0.00	27.73 1.47 0.00	28.34 1.43 0.00	31.74 1.58 0.00	32.36 1.62 0.00	37.76 1.91 0.00	34.80 1.68 0.00	31.29 1.56 0.00	32.03 1.62 0.00	29.99 1.58 0.00	32.09 1.73 0.00	35.40 1.95 0.00	30.73 1.68 0.00	34.33 1.82 0.00	39.11 2.02 0.00	45.74 2.28 0.00	36.57 1.88 0.00	26.86 1.35 0.00	25.08 1.22 0.00	24.91 1.17 0.00	25.04 1.08 0.00
NEG WEST_LEA_LOCKPORT 23791	28.21 -2.43 0.00	25.05 -2.01 0.00	24.20 -1.73 0.00	24.35 -1.76 0.00	24.51 -1.76 0.00	25.15 -1.75 0.00	28.04 -2.12 0.00	28.20 -2.54 0.00	32.78 -3.07 0.00	30.15 -2.97 0.00	27.39 -2.34 0.00	28.12 -2.29 0.00	26.25 -2.16 0.00	27.97 -2.39 0.00	30.66 -2.79 0.00	26.56 -2.49 0.00	29.49 -3.02 0.00	34.01 -3.08 0.00	39.78 -3.68 0.00	31.76 -2.92 0.00	23.23 -2.29 0.00	21.70 -2.15 0.00	21.79 -1.95 0.00	22.13 -1.84 0.00
NEG WEST___LANCASTER 23811	29.60 -1.04 0.00	26.22 -0.83 0.00	25.25 -0.68 0.00	25.41 -0.70 0.00	25.58 -0.68 0.00	26.28 -0.62 0.00	29.41 -0.76 0.00	29.66 -1.08 0.00	34.53 -1.32 0.00	31.72 -1.40 0.00	28.76 -0.97 0.00	29.48 -0.94 0.00	27.51 -0.90 0.00	29.29 -1.08 0.00	32.13 -1.31 0.00	27.82 -1.23 0.00	30.90 -1.60 0.00	35.61 -1.48 0.00	41.72 -1.74 0.00	33.28 -1.41 0.00	24.37 -1.15 0.00	22.78 -1.08 0.00	22.90 -0.84 0.00	23.23 -0.74 0.00
NEG_PENN_ALLEGHNY 23528	30.38 -0.31 -0.06	26.77 -0.28 0.00	25.62 -0.31 0.00	25.79 -0.32 0.00	25.97 -0.30 0.00	26.79 -0.29 -0.18	29.93 -0.29 -0.06	30.48 -0.29 -0.03	35.56 -0.29 0.00	32.79 -0.33 0.00	29.55 -0.18 0.00	30.19 -0.22 0.00	28.20 -0.21 0.00	30.12 -0.24 0.00	33.15 -0.30 0.00	28.80 -0.25 0.00	32.14 -0.37 0.00	36.75 -0.34 0.00	43.09 -0.38 0.00	34.36 -0.33 0.00	25.27 -0.24 0.00	23.61 -0.25 0.00	23.53 -0.21 0.00	23.75 -0.22 0.00
NEG___GEN_MONROE 24207	29.26 -1.38 0.00	25.93 -1.13 0.00	24.95 -0.98 0.00	25.11 -1.00 0.00	25.26 -1.00 0.00	25.93 -0.97 0.00	29.02 -1.14 0.00	29.39 -1.35 0.00	34.24 -1.61 0.00	31.56 -1.55 0.00	28.56 -1.17 0.00	29.28 -1.14 0.00	27.33 -1.08 0.00	29.16 -1.21 0.00	32.03 -1.42 0.00	27.78 -1.28 0.00	30.99 -1.52 0.00	35.64 -1.45 0.00	41.69 -1.78 0.00	33.25 -1.43 0.00	24.35 -1.17 0.00	22.74 -1.11 0.00	22.72 -1.02 0.00	23.02 -0.95 0.00
NEPA___ENERGY 23901	28.84 -1.79 0.00	25.53 -1.53 0.00	24.53 -1.40 0.00	24.65 -1.46 0.00	24.87 -1.39 0.00	25.49 -1.42 0.00	28.61 -1.55 0.00	28.94 -1.80 0.00	33.76 -2.09 0.00	30.85 -2.27 0.00	28.02 -1.71 0.00	28.70 -1.71 0.00	26.82 -1.59 0.00	28.62 -1.74 0.00	31.42 -2.03 0.00	27.20 -1.86 0.00	30.21 -2.30 0.00	34.73 -2.36 0.00	40.76 -2.71 0.00	32.47 -2.22 0.00	23.84 -1.67 0.00	22.27 -1.59 0.00	22.35 -1.39 0.00	22.67 -1.30 0.00
NEVERSINK___HYD 23608	32.52 1.88 0.00	28.56 1.51 0.00	27.27 1.33 0.00	27.42 1.31 0.00	27.64 1.38 0.00	28.30 1.40 0.00	31.82 1.66 0.00	32.53 1.79 0.00	38.01 2.15 0.00	35.12 2.01 0.00	31.40 1.67 0.00	32.09 1.67 0.00	29.93 1.52 0.00	31.95 1.59 0.00	35.19 1.74 0.00	30.67 1.62 0.00	34.48 1.97 0.00	39.43 2.34 0.00	46.14 2.68 0.00	36.80 2.11 0.00	27.08 1.56 0.00	25.30 1.44 0.00	25.12 1.38 0.00	25.26 1.29 0.00
NEWKRMKL_115KV_TB1 55635	31.16 0.52 0.00	27.53 0.48 0.00	26.38 0.45 0.00	26.53 0.42 0.00	26.68 0.41 0.00	27.34 0.43 0.00	30.63 0.47 0.00	31.16 0.43 0.00	36.29 0.43 0.00	33.57 0.46 0.00	30.04 0.31 0.00	30.71 0.30 0.00	28.67 0.27 0.00	30.67 0.30 0.00	33.84 0.39 0.00	29.42 0.37 0.00	33.03 0.52 0.00	37.67 0.58 0.00	44.04 0.58 0.00	35.17 0.49 0.00	25.87 0.36 0.00	24.21 0.35 0.00	24.03 0.29 0.00	24.21 0.24 0.00

NEWTON___FALLS_HYD 23847	30.52 -0.11 0.00	26.95 -0.10 0.00	25.80 -0.13 0.00	26.00 -0.10 0.00	26.14 -0.13 0.00	26.75 -0.15 0.00	29.95 -0.22 0.00	30.50 -0.24 0.00	35.54 -0.31 0.00	32.88 -0.24 0.00	29.69 -0.04 0.00	30.46 0.05 0.00	28.47 0.06 0.00	30.42 0.05 0.00	33.44 0.00 0.00	29.03 -0.02 0.00	32.52 0.02 0.00	36.96 -0.13 0.00	43.17 -0.30 0.00	34.21 -0.48 0.00	25.25 -0.26 0.00	23.65 -0.21 0.00	23.50 -0.24 0.00	23.48 -0.49 0.00
NGRID_A1_DSASP 323792	27.48 -2.91 0.25	24.64 -2.42 0.00	23.82 -2.11 0.00	23.97 -2.13 0.00	24.12 -2.15 0.00	24.00 -2.12 0.79	27.31 -2.59 0.27	27.55 -3.05 0.13	32.17 -3.68 0.00	29.57 -3.54 0.00	26.90 -2.83 0.00	27.61 -2.79 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.35 0.00	26.07 -2.98 0.00	28.92 -3.59 0.00	33.34 -3.74 0.00	38.88 -4.58 0.00	31.01 -3.68 0.00	22.70 -2.82 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
NGRID_A2_DSASP 323793	27.48 -2.91 0.25	24.64 -2.42 0.00	23.82 -2.11 0.00	23.97 -2.13 0.00	24.12 -2.15 0.00	24.00 -2.12 0.79	27.31 -2.59 0.27	27.55 -3.05 0.13	32.17 -3.68 0.00	29.57 -3.54 0.00	26.90 -2.83 0.00	27.61 -2.79 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.35 0.00	26.07 -2.98 0.00	28.92 -3.59 0.00	33.34 -3.74 0.00	38.88 -4.58 0.00	31.01 -3.68 0.00	22.70 -2.82 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
NGRID_A4_DSASP 323807	27.48 -2.91 0.25	24.64 -2.42 0.00	23.82 -2.11 0.00	23.97 -2.13 0.00	24.12 -2.15 0.00	24.00 -2.12 0.79	27.31 -2.59 0.27	27.55 -3.05 0.13	32.17 -3.68 0.00	29.57 -3.54 0.00	26.90 -2.83 0.00	27.61 -2.79 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.35 0.00	26.07 -2.98 0.00	28.92 -3.59 0.00	33.34 -3.74 0.00	38.88 -4.58 0.00	31.01 -3.68 0.00	22.70 -2.82 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
NIAGARA_115E_LBMP 323715	27.45 -2.95 0.24	24.61 -2.45 0.00	23.80 -2.14 0.00	23.93 -2.18 0.00	24.09 -2.17 0.00	23.95 -2.17 0.77	27.27 -2.64 0.26	27.52 -3.09 0.13	32.14 -3.72 0.00	29.55 -3.57 0.00	26.88 -2.85 0.00	27.58 -2.83 0.00	25.76 -2.65 0.00	27.43 -2.93 0.00	30.06 -3.39 0.00	26.05 -3.01 0.00	28.91 -3.60 0.00	33.32 -3.76 0.00	38.97 -4.49 0.00	31.16 -3.52 0.00	22.81 -2.71 0.00	21.30 -2.56 0.00	21.40 -2.34 0.00	21.73 -2.24 0.00
NIAGARA_115W_LBMP 323714	27.42 -2.97 0.25	24.59 -2.47 0.00	23.77 -2.16 0.00	23.92 -2.18 0.00	24.07 -2.20 0.00	23.95 -2.16 0.78	27.25 -2.65 0.27	27.50 -3.10 0.13	32.10 -3.75 0.00	29.51 -3.61 0.00	26.84 -2.89 0.00	27.55 -2.86 0.00	25.73 -2.68 0.00	27.40 -2.96 0.00	30.03 -3.42 0.00	26.01 -3.04 0.00	28.86 -3.65 0.00	33.27 -3.82 0.00	38.77 -4.69 0.00	30.93 -3.76 0.00	22.64 -2.88 0.00	21.14 -2.72 0.00	21.24 -2.50 0.00	21.69 -2.28 0.00
NIAGARA_230_LBMP 323716	27.68 -2.71 0.24	24.81 -2.25 0.00	23.97 -1.96 0.00	24.12 -1.98 0.00	24.27 -1.99 0.00	24.14 -1.98 0.78	27.52 -2.38 0.26	27.78 -2.82 0.13	32.44 -3.41 0.00	29.82 -3.30 0.00	27.10 -2.63 0.00	27.82 -2.59 0.00	25.96 -2.45 0.00	27.66 -2.71 0.00	30.32 -3.13 0.00	26.25 -2.80 0.00	29.13 -3.38 0.00	33.59 -3.50 0.00	39.30 -4.16 0.00	31.37 -3.31 0.00	22.97 -2.55 0.00	21.45 -2.40 0.00	21.55 -2.19 0.00	21.92 -2.04 0.00
NIAGARA___115KV_198_GIBSON 55903	27.67 -2.97 0.00	24.59 -2.47 0.00	23.77 -2.16 0.00	23.93 -2.18 0.00	24.07 -2.19 0.00	24.73 -2.17 0.00	27.51 -2.65 0.00	27.63 -3.11 0.00	32.10 -3.75 0.00	29.51 -3.61 0.00	26.81 -2.92 0.00	27.55 -2.87 0.00	25.72 -2.68 0.00	27.40 -2.96 0.00	30.02 -3.43 0.00	26.00 -3.05 0.00	28.86 -3.65 0.00	33.27 -3.82 0.00	38.78 -4.68 0.00	30.93 -3.76 0.00	22.62 -2.90 0.00	21.14 -2.72 0.00	21.24 -2.50 0.00	21.69 -2.28 0.00
NIAGARA____ 23760	27.68 -2.71 0.24	24.81 -2.25 0.00	23.97 -1.96 0.00	24.12 -1.98 0.00	24.27 -1.99 0.00	24.14 -1.98 0.78	27.52 -2.38 0.26	27.78 -2.82 0.13	32.44 -3.41 0.00	29.82 -3.30 0.00	27.10 -2.63 0.00	27.82 -2.59 0.00	25.96 -2.45 0.00	27.66 -2.71 0.00	30.32 -3.13 0.00	26.25 -2.80 0.00	29.13 -3.38 0.00	33.59 -3.50 0.00	39.30 -4.16 0.00	31.37 -3.31 0.00	22.97 -2.55 0.00	21.45 -2.40 0.00	21.55 -2.19 0.00	21.92 -2.04 0.00
NINE_MILE_1 23575	29.32 -1.31 0.00	25.92 -1.14 0.00	24.86 -1.07 0.00	25.01 -1.09 0.00	25.16 -1.11 0.00	25.79 -1.11 0.00	28.90 -1.26 0.00	29.45 -1.29 0.00	34.35 -1.51 0.00	31.72 -1.39 0.00	28.52 -1.21 0.00	29.18 -1.24 0.00	27.25 -1.16 0.00	29.12 -1.24 0.00	32.07 -1.37 0.00	27.84 -1.21 0.00	31.15 -1.36 0.00	35.57 -1.52 0.00	41.64 -1.82 0.00	33.23 -1.46 0.00	24.46 -1.06 0.00	22.88 -0.98 0.00	22.78 -0.95 0.00	23.09 -0.88 0.00
NINE_MILE_2 23744	29.33 -1.31 0.00	25.92 -1.14 0.00	24.86 -1.07 0.00	25.02 -1.09 0.00	25.16 -1.10 0.00	25.79 -1.11 0.00	28.91 -1.26 0.00	29.45 -1.29 0.00	34.35 -1.51 0.00	31.73 -1.39 0.00	28.52 -1.21 0.00	29.18 -1.24 0.00	27.25 -1.16 0.00	29.12 -1.24 0.00	32.07 -1.37 0.00	27.84 -1.21 0.00	31.15 -1.36 0.00	35.57 -1.52 0.00	41.65 -1.81 0.00	33.23 -1.46 0.00	24.46 -1.06 0.00	22.88 -0.97 0.00	22.79 -0.95 0.00	23.09 -0.88 0.00
NM_CAPITAL___DRP 24208	31.25 0.61 0.00	27.59 0.54 0.00	26.43 0.50 0.00	26.59 0.49 0.00	26.74 0.48 0.00	27.40 0.49 0.00	30.71 0.54 0.00	31.23 0.49 0.00	36.36 0.51 0.00	33.63 0.52 0.00	30.09 0.36 0.00	30.74 0.33 0.00	28.72 0.30 0.00	30.72 0.35 0.00	33.90 0.45 0.00	29.48 0.43 0.00	33.09 0.58 0.00	37.74 0.65 0.00	44.10 0.64 0.00	35.24 0.55 0.00	25.92 0.41 0.00	24.26 0.40 0.00	24.09 0.35 0.00	24.26 0.29 0.00
NM_CENTRAL___DRP 24181	29.82 -0.82 0.00	26.39 -0.67 0.00	25.33 -0.60 0.00	25.49 -0.62 0.00	25.63 -0.63 0.00	26.28 -0.62 0.00	29.47 -0.69 0.00	30.03 -0.70 0.00	35.04 -0.81 0.00	32.37 -0.75 0.00	29.11 -0.62 0.00	29.78 -0.63 0.00	27.81 -0.60 0.00	29.72 -0.64 0.00	32.72 -0.73 0.00	28.38 -0.67 0.00	31.70 -0.81 0.00	36.22 -0.87 0.00	42.41 -1.06 0.00	33.86 -0.82 0.00	24.96 -0.56 0.00	23.33 -0.53 0.00	23.22 -0.51 0.00	23.51 -0.46 0.00
NM_FRONTIER___DRP 24179	27.67 -2.97 0.00	24.59 -2.47 0.00	23.77 -2.16 0.00	23.93 -2.18 0.00	24.07 -2.19 0.00	24.73 -2.17 0.00	27.51 -2.65 0.00	27.63 -3.11 0.00	32.10 -3.75 0.00	29.51 -3.61 0.00	26.81 -2.92 0.00	27.55 -2.87 0.00	25.72 -2.68 0.00	27.40 -2.96 0.00	30.02 -3.43 0.00	26.00 -3.05 0.00	28.86 -3.65 0.00	33.27 -3.82 0.00	38.78 -4.68 0.00	30.93 -3.76 0.00	22.62 -2.90 0.00	21.14 -2.72 0.00	21.24 -2.50 0.00	21.69 -2.28 0.00
NM_ST_REGIS___HYD 24053	31.05 0.41 0.00	27.45 0.40 0.00	26.32 0.39 0.00	26.57 0.46 0.00	26.72 0.45 0.00	27.32 0.42 0.00	30.54 0.38 0.00	31.13 0.39 0.00	36.32 0.47 0.00	33.53 0.41 0.00	30.19 0.46 0.00	30.92 0.51 0.00	28.93 0.52 0.00	30.90 0.53 0.00	34.01 0.56 0.00	29.52 0.47 0.00	32.97 0.46 0.00	37.57 0.48 0.00	44.05 0.59 0.00	35.11 0.42 0.00	25.79 0.27 0.00	24.10 0.24 0.00	23.97 0.23 0.00	24.09 0.12 0.00

NORTHPORT___1 23551	89.53 2.32 -56.57	28.96 1.90 0.00	27.50 1.57 0.00	27.82 1.71 0.00	28.07 1.81 0.00	28.56 1.66 0.00	32.06 1.89 0.00	32.88 2.14 0.00	46.66 2.51 -8.30	40.91 2.27 -5.53	96.32 1.95 -64.64	36.87 1.89 -4.57	36.73 1.75 -6.58	33.92 1.86 -1.69	36.82 2.02 -1.35	33.18 1.86 -2.28	38.04 2.10 -3.42	39.48 2.40 0.00	47.91 2.92 -1.53	71.50 2.41 -34.40	27.29 1.78 0.00	25.53 1.67 0.00	25.32 1.58 0.00	25.55 1.58 0.00
NORTHPORT___2 23552	89.53 2.32 -56.57	28.96 1.90 0.00	27.50 1.57 0.00	27.82 1.71 0.00	28.07 1.81 0.00	28.56 1.66 0.00	32.06 1.89 0.00	32.88 2.14 0.00	46.66 2.51 -8.30	40.91 2.27 -5.53	96.61 1.95 -64.92	36.87 1.89 -4.57	36.73 1.75 -6.58	33.92 1.86 -1.69	36.82 2.02 -1.35	33.18 1.86 -2.28	38.04 2.10 -3.42	39.48 2.40 0.00	47.91 2.92 -1.53	71.50 2.41 -34.40	27.29 1.78 0.00	25.53 1.67 0.00	25.32 1.58 0.00	25.55 1.58 0.00
NORTHPORT___3 23553	89.31 2.10 -56.57	28.77 1.71 0.00	27.35 1.42 0.00	27.61 1.51 0.00	27.84 1.58 0.00	28.39 1.49 0.00	31.87 1.71 0.00	32.66 1.92 0.00	46.48 2.33 -8.30	40.82 2.17 -5.53	96.60 1.79 -65.08	36.72 1.74 -4.57	36.61 1.62 -6.58	33.76 1.70 -1.69	36.65 1.85 -1.35	33.03 1.71 -2.28	37.90 1.97 -3.42	39.34 2.25 0.00	47.69 2.70 -1.53	71.32 2.23 -34.40	27.17 1.65 0.00	25.41 1.55 0.00	25.21 1.47 0.00	25.40 1.43 0.00
NORTHPORT___4 23650	89.31 2.10 -56.57	28.77 1.71 0.00	27.35 1.42 0.00	27.61 1.51 0.00	27.84 1.58 0.00	28.39 1.49 0.00	31.87 1.71 0.00	32.66 1.92 0.00	46.48 2.33 -8.30	40.82 2.17 -5.53	96.60 1.79 -65.08	36.72 1.74 -4.57	36.61 1.62 -6.58	33.76 1.70 -1.69	36.65 1.85 -1.35	33.03 1.71 -2.28	37.90 1.97 -3.42	39.34 2.25 0.00	47.69 2.70 -1.53	71.32 2.23 -34.40	27.17 1.65 0.00	25.41 1.55 0.00	25.21 1.47 0.00	25.40 1.43 0.00
NORTHPORT___IC 23718	89.53 2.32 -56.57	28.96 1.90 0.00	27.50 1.57 0.00	27.82 1.71 0.00	28.07 1.81 0.00	28.56 1.66 0.00	32.06 1.89 0.00	32.88 2.14 0.00	46.66 2.51 -8.30	40.91 2.27 -5.53	96.32 1.95 -64.64	36.87 1.89 -4.57	36.73 1.75 -6.58	33.92 1.86 -1.69	36.82 2.02 -1.35	33.18 1.86 -2.28	38.04 2.10 -3.42	39.48 2.40 0.00	47.91 2.92 -1.53	71.50 2.41 -34.40	27.29 1.78 0.00	25.53 1.67 0.00	25.32 1.58 0.00	25.55 1.58 0.00
NORTH___COUNTRY_ESR 323785	31.53 0.89 0.00	27.88 0.82 0.00	26.77 0.83 0.00	27.02 0.92 0.00	27.18 0.92 0.00	27.78 0.88 0.00	31.10 0.93 0.00	31.70 0.96 0.00	36.97 1.12 0.00	34.09 0.97 0.00	30.65 0.92 0.00	31.39 0.98 0.00	29.38 0.97 0.00	31.42 1.06 0.00	34.62 1.18 0.00	30.05 1.00 0.00	33.53 1.02 0.00	38.22 1.13 0.00	44.81 1.35 0.00	35.80 1.11 0.00	26.29 0.78 0.00	24.55 0.70 0.00	24.43 0.70 0.00	24.60 0.63 0.00
NPX_GEN_1385_PROXY 323591	89.36 2.15 -56.57	28.88 1.82 0.00	27.05 1.12 0.00	27.79 1.68 0.00	28.13 1.87 0.00	28.42 1.52 0.00	31.99 1.83 0.00	33.13 2.39 0.00	46.69 2.54 -8.30	40.74 2.09 -5.53	96.39 2.01 -64.64	36.43 1.45 -4.57	36.32 1.34 -6.58	33.24 1.18 -1.69	36.28 1.49 -1.35	32.82 1.50 -2.28	37.51 1.57 -3.42	38.71 1.63 0.00	47.32 2.33 -1.53	71.22 2.14 -34.40	26.97 1.46 0.00	25.13 1.27 0.00	24.82 1.08 0.00	25.08 1.11 0.00
NPX_GEN_CSC 323557	90.00 2.79 -56.57	29.36 2.30 0.00	28.01 2.08 0.00	28.28 2.18 0.00	28.53 2.27 0.00	29.10 2.19 0.00	32.64 2.47 0.00	33.47 2.73 0.00	47.34 3.19 -8.30	41.39 2.75 -5.53	97.32 2.52 -65.08	37.53 2.55 -4.57	37.25 2.27 -6.58	34.47 2.41 -1.69	37.45 2.66 -1.35	33.77 2.44 -2.28	38.74 2.81 -3.42	40.33 3.24 0.00	48.90 3.91 -1.53	72.24 3.15 -34.40	27.83 2.31 0.00	26.12 2.26 0.00	25.86 2.12 0.00	26.01 2.05 0.00
NSINS_S_GLNS_FALLS 23858	31.85 1.21 0.00	28.04 0.98 0.00	26.84 0.91 0.00	27.03 0.93 0.00	27.16 0.90 0.00	27.98 1.08 0.00	31.85 1.69 0.00	32.53 1.79 0.00	37.97 2.12 0.00	35.10 1.98 0.00	31.51 1.78 0.00	32.34 1.93 0.00	30.25 1.84 0.00	32.25 1.89 0.00	35.62 2.17 0.00	31.03 1.98 0.00	34.92 2.41 0.00	39.77 2.69 0.00	46.23 2.76 0.00	36.94 2.25 0.00	27.14 1.62 0.00	25.32 1.46 0.00	25.10 1.36 0.00	25.23 1.27 0.00
NUCOR_STEEL___DRP 24197	30.29 -0.34 0.00	26.66 -0.40 0.00	25.62 -0.31 0.00	25.81 -0.30 0.00	25.86 -0.40 0.00	26.50 -0.40 0.00	29.74 -0.43 0.00	30.30 -0.43 0.00	35.37 -0.48 0.00	32.65 -0.46 0.00	29.40 -0.34 0.00	30.05 -0.36 0.00	28.06 -0.36 0.00	30.00 -0.37 0.00	33.01 -0.43 0.00	28.67 -0.38 0.00	32.06 -0.45 0.00	36.66 -0.44 0.00	42.92 -0.54 0.00	34.26 -0.43 0.00	25.18 -0.33 0.00	23.52 -0.33 0.00	23.43 -0.31 0.00	23.70 -0.27 0.00
NUMBER_THREE_WT_PWR 323818	30.90 0.26 0.00	27.29 0.23 0.00	26.06 0.13 0.00	26.25 0.14 0.00	26.38 0.12 0.00	27.06 0.15 0.00	30.29 0.13 0.00	30.81 0.07 0.00	35.82 -0.03 0.00	33.23 0.12 0.00	30.11 0.38 0.00	30.95 0.53 0.00	28.91 0.50 0.00	30.89 0.53 0.00	33.95 0.51 0.00	29.46 0.41 0.00	33.06 0.55 0.00	37.45 0.37 0.00	43.56 0.10 0.00	34.36 -0.32 0.00	25.50 -0.02 0.00	23.93 0.07 0.00	23.77 0.03 0.00	23.59 -0.38 0.00
NYISO_LBMP_REFERENCE 24008	30.64 0.00 0.00	27.06 0.00 0.00	25.93 0.00 0.00	26.11 0.00 0.00	26.26 0.00 0.00	26.90 0.00 0.00	30.16 0.00 0.00	30.74 0.00 0.00	35.85 0.00 0.00	33.12 0.00 0.00	29.73 0.00 0.00	30.41 0.00 0.00	28.41 0.00 0.00	30.36 0.00 0.00	33.44 0.00 0.00	29.05 0.00 0.00	32.51 0.00 0.00	37.09 0.00 0.00	43.46 0.00 0.00	34.69 0.00 0.00	25.52 0.00 0.00	23.86 0.00 0.00	23.74 0.00 0.00	23.97 0.00 0.00
NYPA_BRENTWD___GT 24164	89.91 2.70 -56.57	29.27 2.21 0.00	27.83 1.90 0.00	28.11 2.00 0.00	28.35 2.09 0.00	28.90 1.99 0.00	32.45 2.29 0.00	33.26 2.53 0.00	47.11 2.96 -8.30	41.34 2.69 -5.53	97.19 2.39 -65.08	37.33 2.35 -4.57	37.15 2.17 -6.58	34.35 2.30 -1.69	37.30 2.50 -1.35	33.61 2.28 -2.28	38.56 2.63 -3.42	40.12 3.03 0.00	48.63 3.64 -1.53	72.05 2.96 -34.40	27.70 2.18 0.00	25.90 2.05 0.00	25.68 1.94 0.00	25.86 1.89 0.00
NYPA_GOWANUS___GT5 24156	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00
NYPA_GOWANUS___GT6 24157	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.45 1.19 0.00	28.12 1.22 0.00	31.44 1.27 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.19 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.87 0.00	36.30 1.62 0.00	26.75 1.23 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00

NYPA_HARLEM__RVR__GT1 24160	32.15 1.51 0.00	28.33 1.27 0.00	27.01 1.07 0.00	27.15 1.04 0.00	27.31 1.05 0.00	27.99 1.09 0.00	31.40 1.24 0.00	32.12 1.38 0.00	37.47 1.61 0.00	34.71 1.59 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.61 1.20 0.00	31.57 1.21 0.00	34.80 1.36 0.00	30.36 1.30 0.00	33.94 1.43 0.00	38.79 1.70 0.00	45.41 1.95 0.00	36.45 1.76 0.00	26.84 1.32 0.00	25.09 1.24 0.00	24.91 1.17 0.00	25.04 1.07 0.00
NYPA_HARLEM__RVR__GT2 24161	32.15 1.51 0.00	28.33 1.27 0.00	27.01 1.07 0.00	27.15 1.04 0.00	27.31 1.05 0.00	27.99 1.09 0.00	31.40 1.24 0.00	32.12 1.38 0.00	37.47 1.61 0.00	34.71 1.59 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.61 1.20 0.00	31.57 1.21 0.00	34.80 1.36 0.00	30.36 1.30 0.00	33.94 1.43 0.00	38.79 1.70 0.00	45.41 1.95 0.00	36.45 1.76 0.00	26.84 1.32 0.00	25.09 1.24 0.00	24.91 1.17 0.00	25.04 1.07 0.00
NYPA_KENT____GT 24152	32.36 1.72 0.00	28.48 1.42 0.00	27.13 1.20 0.00	27.27 1.16 0.00	27.47 1.20 0.00	28.14 1.24 0.00	31.55 1.38 0.00	32.21 1.47 0.00	37.60 1.75 0.00	34.81 1.69 0.00	31.10 1.37 0.00	31.77 1.36 0.00	29.67 1.26 0.00	31.66 1.29 0.00	34.88 1.43 0.00	30.40 1.35 0.00	34.09 1.58 0.00	38.94 1.85 0.00	45.58 2.13 0.00	36.51 1.82 0.00	26.87 1.35 0.00	25.18 1.32 0.00	25.00 1.26 0.00	25.13 1.16 0.00
NYPA_POUCH1____GT 24155	32.37 1.74 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.26 1.15 0.00	27.46 1.20 0.00	28.13 1.22 0.00	31.45 1.28 0.00	32.10 1.36 0.00	37.50 1.65 0.00	34.70 1.58 0.00	30.95 1.22 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.72 1.63 0.00	45.35 1.89 0.00	36.33 1.64 0.00	26.77 1.26 0.00	25.08 1.22 0.00	24.92 1.18 0.00	25.07 1.10 0.00
NYPA_VERNON____GT2 24162	32.25 1.62 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.40 1.13 0.00	28.06 1.16 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.53 1.68 0.00	34.74 1.62 0.00	31.04 1.31 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.61 1.25 0.00	34.82 1.38 0.00	30.35 1.30 0.00	34.04 1.53 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.44 1.75 0.00	26.82 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.08 1.11 0.00
NYPA_VERNON____GT3 24163	32.25 1.62 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.40 1.13 0.00	28.06 1.16 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.53 1.68 0.00	34.74 1.62 0.00	31.04 1.31 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.61 1.25 0.00	34.82 1.38 0.00	30.35 1.30 0.00	34.04 1.53 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.44 1.75 0.00	26.82 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.08 1.11 0.00
NYPA__ASTORIA_CC1 323568	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.18 1.07 0.00	27.38 1.12 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.14 1.40 0.00	37.50 1.65 0.00	34.71 1.60 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.60 1.19 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.33 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.19 0.00	25.06 1.09 0.00
NYPA__ASTORIA_CC2 323569	32.23 1.59 0.00	28.37 1.31 0.00	27.03 1.10 0.00	27.18 1.07 0.00	27.38 1.12 0.00	28.04 1.14 0.00	31.46 1.29 0.00	32.14 1.40 0.00	37.50 1.65 0.00	34.71 1.60 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.60 1.19 0.00	31.59 1.23 0.00	34.81 1.36 0.00	30.33 1.28 0.00	34.01 1.50 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.42 1.73 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.19 0.00	25.06 1.09 0.00
NYPA__HOLTSVILL 23794	89.81 2.60 -56.57	29.17 2.12 0.00	27.76 1.83 0.00	28.04 1.94 0.00	28.28 2.02 0.00	28.83 1.93 0.00	32.36 2.20 0.00	33.17 2.43 0.00	47.01 2.86 -8.30	41.19 2.55 -5.53	97.08 2.27 -65.08	37.25 2.27 -4.57	37.06 2.07 -6.58	34.25 2.19 -1.69	37.20 2.40 -1.35	33.53 2.20 -2.28	38.46 2.53 -3.42	39.98 2.89 0.00	48.48 3.50 -1.53	71.94 2.85 -34.40	27.61 2.10 0.00	25.85 2.00 0.00	25.62 1.88 0.00	25.80 1.83 0.00
NYPA__HELLGATE_GT1 24158	32.15 1.51 0.00	28.33 1.27 0.00	27.01 1.07 0.00	27.15 1.04 0.00	27.31 1.05 0.00	27.99 1.09 0.00	31.40 1.24 0.00	32.12 1.38 0.00	37.46 1.61 0.00	34.71 1.59 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.61 1.20 0.00	31.57 1.21 0.00	34.80 1.36 0.00	30.36 1.30 0.00	33.94 1.43 0.00	38.79 1.70 0.00	45.41 1.95 0.00	36.45 1.76 0.00	26.84 1.32 0.00	25.09 1.24 0.00	24.91 1.17 0.00	25.04 1.07 0.00
NYPA__HELLGATE_GT2 24159	32.15 1.51 0.00	28.33 1.27 0.00	27.01 1.07 0.00	27.15 1.04 0.00	27.31 1.05 0.00	27.99 1.09 0.00	31.40 1.24 0.00	32.12 1.38 0.00	37.46 1.61 0.00	34.71 1.59 0.00	31.02 1.29 0.00	31.71 1.30 0.00	29.61 1.20 0.00	31.57 1.21 0.00	34.80 1.36 0.00	30.36 1.30 0.00	33.94 1.43 0.00	38.79 1.70 0.00	45.41 1.95 0.00	36.45 1.76 0.00	26.84 1.32 0.00	25.09 1.24 0.00	24.91 1.17 0.00	25.04 1.07 0.00
NYS_BARGE__HYD 23848	28.00 -2.42 0.22	25.05 -2.00 0.00	24.21 -1.72 0.00	24.35 -1.76 0.00	24.51 -1.76 0.00	24.47 -1.73 0.70	27.81 -2.11 0.24	28.08 -2.53 0.12	32.81 -3.04 0.00	30.17 -2.94 0.00	27.44 -2.29 0.00	28.15 -2.26 0.00	26.27 -2.14 0.00	28.00 -2.37 0.00	30.69 -2.76 0.00	26.59 -2.47 0.00	29.53 -2.98 0.00	34.05 -3.04 0.00	39.82 -3.64 0.00	31.81 -2.88 0.00	23.27 -2.24 0.00	21.73 -2.13 0.00	21.81 -1.93 0.00	22.14 -1.83 0.00
OAK ORCHARD__HYD 24046	29.03 -1.49 0.12	25.81 -1.24 0.00	24.84 -1.09 0.00	25.00 -1.11 0.00	25.15 -1.12 0.00	25.43 -1.10 0.38	28.76 -1.27 0.13	29.20 -1.47 0.06	34.10 -1.75 0.00	31.43 -1.68 0.00	28.44 -1.29 0.00	29.14 -1.27 0.00	27.20 -1.21 0.00	29.02 -1.35 0.00	31.90 -1.55 0.00	27.65 -1.40 0.00	30.85 -1.66 0.00	35.45 -1.64 0.00	41.49 -1.97 0.00	33.08 -1.61 0.00	24.25 -1.27 0.00	22.65 -1.21 0.00	22.62 -1.12 0.00	22.93 -1.04 0.00
OAKDALE__35_KV_LOAD 356122	30.31 -0.33 0.00	26.75 -0.31 0.00	25.61 -0.32 0.00	25.77 -0.34 0.00	25.96 -0.30 0.00	26.59 -0.31 0.00	29.86 -0.30 0.00	30.43 -0.31 0.00	35.52 -0.33 0.00	32.75 -0.37 0.00	29.50 -0.23 0.00	30.16 -0.25 0.00	28.17 -0.24 0.00	30.08 -0.28 0.00	33.11 -0.34 0.00	28.76 -0.29 0.00	32.09 -0.42 0.00	36.69 -0.40 0.00	43.01 -0.45 0.00	34.29 -0.39 0.00	25.23 -0.29 0.00	23.58 -0.27 0.00	23.50 -0.24 0.00	23.73 -0.24 0.00
OCC_CHEM__DRP 24175	27.72 -2.91 0.00	24.64 -2.42 0.00	23.82 -2.11 0.00	23.98 -2.13 0.00	24.12 -2.14 0.00	24.78 -2.12 0.00	27.58 -2.59 0.00	27.69 -3.05 0.00	32.17 -3.69 0.00	29.57 -3.55 0.00	26.87 -2.86 0.00	27.60 -2.81 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.36 0.00	26.06 -2.99 0.00	28.92 -3.59 0.00	33.34 -3.75 0.00	38.87 -4.59 0.00	31.00 -3.68 0.00	22.68 -2.84 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00

OH_GEN_PROXY 24063	27.73 -2.65 0.26	24.86 -2.20 0.00	24.00 -1.93 0.00	24.16 -1.95 0.00	24.31 -1.96 0.00	24.13 -1.95 0.83	27.57 -2.31 0.28	27.87 -2.72 0.14	32.56 -3.29 0.00	29.93 -3.19 0.00	27.20 -2.54 0.00	27.91 -2.50 0.00	26.04 -2.37 0.00	27.75 -2.61 0.00	30.43 -3.02 0.00	29.16 -2.71 -2.82	40.73 -3.28 -11.49	33.70 -3.38 0.00	39.45 -4.02 0.00	31.48 -3.20 0.00	23.05 -2.47 0.00	21.53 -2.33 0.00	21.62 -2.12 0.00	21.98 -1.99 0.00
OLIN_CORP_DRP 24177	27.75 -2.88 0.00	24.66 -2.40 0.00	23.84 -2.09 0.00	23.99 -2.12 0.00	24.14 -2.12 0.00	24.78 -2.13 0.00	27.59 -2.57 0.00	27.71 -3.03 0.00	32.21 -3.64 0.00	29.61 -3.50 0.00	26.91 -2.82 0.00	27.63 -2.78 0.00	25.81 -2.59 0.00	27.50 -2.86 0.00	30.12 -3.32 0.00	26.10 -2.95 0.00	28.98 -3.53 0.00	33.40 -3.69 0.00	39.06 -4.40 0.00	31.23 -3.46 0.00	22.85 -2.67 0.00	21.35 -2.51 0.00	21.45 -2.29 0.00	21.78 -2.19 0.00
OLIN_CORP_DSASP 323712	27.48 -2.91 0.25	24.64 -2.42 0.00	23.82 -2.11 0.00	23.97 -2.13 0.00	24.12 -2.15 0.00	24.00 -2.12 0.79	27.31 -2.59 0.27	27.55 -3.05 0.13	32.17 -3.68 0.00	29.57 -3.54 0.00	26.90 -2.83 0.00	27.61 -2.79 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.35 0.00	26.07 -2.98 0.00	28.92 -3.59 0.00	33.34 -3.74 0.00	38.88 -4.58 0.00	31.01 -3.68 0.00	22.70 -2.82 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
ONEIDA_HERK_LFGE 323681	31.18 0.54 0.00	27.53 0.48 0.00	26.34 0.41 0.00	26.51 0.40 0.00	26.65 0.39 0.00	27.33 0.42 0.00	30.67 0.51 0.00	31.26 0.52 0.00	36.45 0.59 0.00	33.74 0.62 0.00	30.41 0.68 0.00	31.17 0.76 0.00	29.10 0.69 0.00	31.11 0.75 0.00	34.25 0.80 0.00	29.73 0.68 0.00	33.34 0.83 0.00	37.91 0.82 0.00	44.23 0.77 0.00	35.12 0.44 0.00	25.92 0.40 0.00	24.25 0.39 0.00	24.09 0.35 0.00	24.14 0.17 0.00
ONEIDA___115KV_TB4 55905	31.20 0.57 0.00	27.56 0.50 0.00	26.39 0.46 0.00	26.56 0.45 0.00	26.72 0.45 0.00	27.39 0.49 0.00	30.79 0.62 0.00	31.43 0.69 0.00	36.70 0.85 0.00	33.93 0.81 0.00	30.53 0.80 0.00	31.25 0.84 0.00	29.16 0.75 0.00	31.18 0.81 0.00	34.37 0.92 0.00	29.83 0.78 0.00	33.42 0.91 0.00	38.02 0.93 0.00	44.42 0.96 0.00	35.40 0.71 0.00	26.06 0.54 0.00	24.33 0.47 0.00	24.17 0.43 0.00	24.36 0.39 0.00
ONONDAGA_REF_OCCRA 23987	30.07 -0.56 0.00	26.59 -0.46 0.00	25.51 -0.42 0.00	25.67 -0.44 0.00	25.82 -0.44 0.00	26.47 -0.43 0.00	29.70 -0.47 0.00	30.27 -0.46 0.00	35.33 -0.52 0.00	32.63 -0.49 0.00	29.35 -0.38 0.00	30.02 -0.39 0.00	28.03 -0.38 0.00	29.96 -0.40 0.00	32.99 -0.46 0.00	28.62 -0.43 0.00	32.00 -0.51 0.00	36.55 -0.54 0.00	42.80 -0.67 0.00	34.17 -0.52 0.00	25.17 -0.35 0.00	23.52 -0.33 0.00	23.41 -0.33 0.00	23.69 -0.28 0.00
ONONDAGA___COGEN 23986	30.04 -0.60 0.00	26.54 -0.52 0.00	25.46 -0.47 0.00	25.62 -0.48 0.00	25.75 -0.51 0.00	26.39 -0.51 0.00	29.61 -0.55 0.00	30.18 -0.56 0.00	35.22 -0.63 0.00	32.52 -0.59 0.00	29.25 -0.47 0.00	29.92 -0.49 0.00	27.94 -0.47 0.00	29.88 -0.49 0.00	32.90 -0.54 0.00	28.56 -0.49 0.00	31.95 -0.56 0.00	36.49 -0.59 0.00	42.73 -0.73 0.00	34.10 -0.58 0.00	25.11 -0.41 0.00	23.46 -0.40 0.00	23.35 -0.39 0.00	23.64 -0.33 0.00
ONTARIO___LFGE 23819	29.98 -0.66 0.00	26.49 -0.57 0.00	25.39 -0.54 0.00	25.53 -0.58 0.00	25.69 -0.57 0.00	26.35 -0.55 0.00	29.58 -0.58 0.00	30.12 -0.62 0.00	35.12 -0.73 0.00	32.41 -0.71 0.00	29.41 -0.32 0.00	30.02 -0.39 0.00	28.01 -0.40 0.00	29.86 -0.50 0.00	32.78 -0.67 0.00	28.55 -0.51 0.00	31.76 -0.75 0.00	36.33 -0.76 0.00	42.59 -0.87 0.00	34.04 -0.65 0.00	25.03 -0.49 0.00	23.33 -0.53 0.00	23.24 -0.50 0.00	23.51 -0.45 0.00
ORANGEVILLE_WT_PWR 323706	28.69 -1.86 0.09	25.50 -1.56 0.00	24.55 -1.38 0.00	24.68 -1.43 0.00	24.81 -1.45 0.00	25.18 -1.43 0.29	28.42 -1.65 0.10	28.82 -1.87 0.05	33.69 -2.17 0.00	31.05 -2.07 0.00	28.22 -1.51 0.00	28.70 -1.71 0.00	26.78 -1.63 0.00	28.59 -1.78 0.00	31.42 -2.02 0.00	27.22 -1.84 0.00	30.05 -2.46 0.00	34.55 -2.55 0.00	40.47 -2.99 0.00	32.28 -2.41 0.00	23.60 -1.92 0.00	22.03 -1.83 0.00	22.11 -1.63 0.00	22.43 -1.54 0.00
ORANGEVILLE___ESR 323794	28.69 -1.86 0.09	25.50 -1.56 0.00	24.55 -1.38 0.00	24.68 -1.43 0.00	24.81 -1.45 0.00	25.18 -1.43 0.29	28.42 -1.65 0.10	28.82 -1.87 0.05	33.69 -2.17 0.00	31.05 -2.07 0.00	28.22 -1.51 0.00	28.70 -1.71 0.00	26.78 -1.63 0.00	28.59 -1.78 0.00	31.42 -2.02 0.00	27.22 -1.84 0.00	30.05 -2.46 0.00	34.55 -2.55 0.00	40.47 -2.99 0.00	32.28 -2.41 0.00	23.60 -1.92 0.00	22.03 -1.83 0.00	22.11 -1.63 0.00	22.43 -1.54 0.00
OSWEGATCHIE___HYD 24044	30.52 -0.11 0.00	26.95 -0.10 0.00	25.80 -0.13 0.00	26.00 -0.10 0.00	26.14 -0.12 0.00	26.76 -0.15 0.00	29.95 -0.22 0.00	30.50 -0.23 0.00	35.54 -0.31 0.00	32.88 -0.23 0.00	29.69 -0.04 0.00	30.46 0.05 0.00	28.47 0.06 0.00	30.42 0.05 0.00	33.44 0.00 0.00	29.03 -0.02 0.00	32.52 0.02 0.00	36.96 -0.13 0.00	43.17 -0.30 0.00	34.21 -0.48 0.00	25.25 -0.26 0.00	23.65 -0.21 0.00	23.50 -0.24 0.00	23.48 -0.49 0.00
OSWEGO___5 23606	29.55 -1.09 0.00	26.12 -0.94 0.00	25.05 -0.88 0.00	25.20 -0.90 0.00	25.35 -0.91 0.00	25.98 -0.92 0.00	29.14 -1.02 0.00	29.68 -1.06 0.00	34.62 -1.23 0.00	31.98 -1.14 0.00	28.75 -0.98 0.00	29.42 -0.99 0.00	27.46 -0.95 0.00	29.36 -1.00 0.00	32.32 -1.12 0.00	28.07 -0.98 0.00	31.39 -1.12 0.00	35.85 -1.24 0.00	41.98 -1.49 0.00	33.50 -1.18 0.00	24.65 -0.86 0.00	23.06 -0.80 0.00	22.96 -0.78 0.00	23.25 -0.72 0.00
OSWEGO___6 23613	29.55 -1.09 0.00	26.12 -0.94 0.00	25.05 -0.88 0.00	25.20 -0.90 0.00	25.35 -0.91 0.00	25.98 -0.92 0.00	29.14 -1.02 0.00	29.68 -1.06 0.00	34.62 -1.23 0.00	31.98 -1.14 0.00	28.75 -0.98 0.00	29.42 -0.99 0.00	27.46 -0.95 0.00	29.36 -1.00 0.00	32.32 -1.12 0.00	28.07 -0.98 0.00	31.39 -1.12 0.00	35.85 -1.24 0.00	41.98 -1.49 0.00	33.50 -1.18 0.00	24.65 -0.86 0.00	23.06 -0.80 0.00	22.96 -0.78 0.00	23.25 -0.72 0.00
OUTOKUMPU-AB___DRP 24206	28.48 -2.16 0.00	25.28 -1.78 0.00	24.41 -1.52 0.00	24.57 -1.54 0.00	24.72 -1.55 0.00	25.38 -1.52 0.00	28.31 -1.86 0.00	28.47 -2.26 0.00	33.11 -2.74 0.00	30.45 -2.66 0.00	27.67 -2.06 0.00	28.39 -2.01 0.00	26.51 -1.90 0.00	28.27 -2.09 0.00	31.00 -2.45 0.00	26.84 -2.22 0.00	29.81 -2.70 0.00	34.37 -2.72 0.00	40.15 -3.31 0.00	32.02 -2.66 0.00	23.42 -2.09 0.00	21.89 -1.97 0.00	21.96 -1.78 0.00	22.33 -1.64 0.00
OXBOW___BTM 323836	28.18 -2.46 0.00	25.03 -2.03 0.00	24.18 -1.75 0.00	24.33 -1.77 0.00	24.48 -1.78 0.00	25.15 -1.75 0.00	28.02 -2.14 0.00	28.16 -2.58 0.00	32.73 -3.12 0.00	30.10 -3.01 0.00	27.35 -2.38 0.00	28.09 -2.32 0.00	26.22 -2.19 0.00	27.95 -2.41 0.00	30.64 -2.80 0.00	26.54 -2.51 0.00	29.46 -3.05 0.00	33.98 -3.11 0.00	39.65 -3.81 0.00	31.62 -3.06 0.00	23.13 -2.39 0.00	21.61 -2.25 0.00	21.69 -2.05 0.00	22.09 -1.88 0.00

OXBOW____ 24026	27.93 -2.46 0.25	25.02 -2.03 0.00	24.18 -1.75 0.00	24.33 -1.78 0.00	24.48 -1.78 0.00	24.36 -1.75 0.79	27.75 -2.14 0.27	28.03 -2.57 0.14	32.74 -3.11 0.00	30.11 -3.01 0.00	27.38 -2.35 0.00	28.10 -2.31 0.00	26.22 -2.19 0.00	27.95 -2.41 0.00	30.65 -2.80 0.00	26.54 -2.51 0.00	29.46 -3.05 0.00	33.98 -3.11 0.00	39.65 -3.81 0.00	31.62 -3.06 0.00	23.14 -2.37 0.00	21.61 -2.25 0.00	21.69 -2.05 0.00	22.09 -1.88 0.00
OXY_CHEM_DSASP 323612	27.72 -2.91 0.00	24.64 -2.42 0.00	23.82 -2.11 0.00	23.98 -2.13 0.00	24.12 -2.14 0.00	24.78 -2.12 0.00	27.58 -2.59 0.00	27.69 -3.05 0.00	32.17 -3.69 0.00	29.57 -3.55 0.00	26.87 -2.86 0.00	27.60 -2.81 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.36 0.00	26.06 -2.99 0.00	28.92 -3.59 0.00	33.34 -3.75 0.00	38.87 -4.59 0.00	31.00 -3.68 0.00	22.68 -2.84 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
OZONE_PARK_ESR 323760	32.52 1.88 0.00	28.59 1.54 0.00	27.25 1.32 0.00	27.38 1.27 0.00	27.60 1.34 0.00	28.28 1.38 0.00	31.74 1.57 0.00	32.42 1.68 0.00	37.85 2.00 0.00	35.05 1.93 0.00	31.34 1.61 0.00	32.02 1.61 0.00	29.89 1.48 0.00	31.90 1.54 0.00	35.14 1.69 0.00	30.62 1.57 0.00	34.38 1.87 0.00	39.26 2.18 0.00	45.97 2.51 0.00	36.78 2.09 0.00	27.08 1.57 0.00	25.37 1.51 0.00	25.18 1.44 0.00	25.31 1.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.72 -2.91 0.00	24.64 -2.42 0.00	23.82 -2.11 0.00	23.98 -2.13 0.00	24.12 -2.14 0.00	24.78 -2.12 0.00	27.58 -2.59 0.00	27.69 -3.05 0.00	32.17 -3.69 0.00	29.57 -3.55 0.00	26.87 -2.86 0.00	27.60 -2.81 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.36 0.00	26.06 -2.99 0.00	28.92 -3.59 0.00	33.34 -3.75 0.00	38.87 -4.59 0.00	31.00 -3.68 0.00	22.68 -2.84 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
PACKARD__115KV_DUPONT_184 80571	27.72 -2.91 0.00	24.64 -2.42 0.00	23.82 -2.11 0.00	23.98 -2.13 0.00	24.12 -2.14 0.00	24.78 -2.12 0.00	27.58 -2.59 0.00	27.69 -3.05 0.00	32.17 -3.69 0.00	29.57 -3.55 0.00	26.87 -2.86 0.00	27.60 -2.81 0.00	25.78 -2.63 0.00	27.46 -2.90 0.00	30.09 -3.36 0.00	26.06 -2.99 0.00	28.92 -3.59 0.00	33.34 -3.75 0.00	38.87 -4.59 0.00	31.00 -3.68 0.00	22.68 -2.84 0.00	21.20 -2.66 0.00	21.29 -2.45 0.00	21.73 -2.24 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.24 1.60 0.00	28.40 1.34 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.38 1.12 0.00	28.07 1.17 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.50 1.64 0.00	34.72 1.61 0.00	31.04 1.31 0.00	31.72 1.31 0.00	29.61 1.21 0.00	31.58 1.22 0.00	34.81 1.37 0.00	30.35 1.30 0.00	33.99 1.48 0.00	38.86 1.77 0.00	45.49 2.03 0.00	36.47 1.78 0.00	26.83 1.31 0.00	25.13 1.28 0.00	24.95 1.21 0.00	25.08 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.49 1.85 0.00	28.59 1.53 0.00	27.25 1.32 0.00	27.38 1.27 0.00	27.57 1.31 0.00	28.27 1.37 0.00	31.66 1.49 0.00	32.30 1.56 0.00	37.69 1.84 0.00	34.90 1.78 0.00	31.20 1.47 0.00	31.89 1.48 0.00	29.76 1.35 0.00	31.75 1.39 0.00	35.00 1.56 0.00	30.53 1.48 0.00	34.18 1.68 0.00	39.09 2.00 0.00	45.73 2.28 0.00	36.64 1.95 0.00	26.91 1.39 0.00	25.28 1.42 0.00	25.12 1.38 0.00	25.25 1.28 0.00
PATROON__115KV_TB1 80586	31.25 0.61 0.00	27.61 0.55 0.00	26.44 0.51 0.00	26.60 0.50 0.00	26.75 0.49 0.00	27.41 0.51 0.00	30.72 0.56 0.00	31.25 0.52 0.00	36.40 0.55 0.00	33.68 0.56 0.00	30.14 0.40 0.00	30.80 0.39 0.00	28.77 0.36 0.00	30.76 0.40 0.00	33.94 0.50 0.00	29.52 0.47 0.00	33.13 0.62 0.00	37.79 0.71 0.00	44.18 0.71 0.00	35.29 0.61 0.00	25.96 0.44 0.00	24.28 0.42 0.00	24.11 0.37 0.00	24.28 0.31 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.38 -1.26 0.00	26.04 -1.02 0.00	25.08 -0.85 0.00	25.23 -0.87 0.00	25.40 -0.86 0.00	26.10 -0.81 0.00	29.19 -0.97 0.00	29.42 -1.32 0.00	34.26 -1.59 0.00	31.48 -1.64 0.00	28.57 -1.16 0.00	29.28 -1.13 0.00	27.33 -1.08 0.00	29.10 -1.26 0.00	31.94 -1.51 0.00	27.65 -1.40 0.00	30.72 -1.79 0.00	35.42 -1.67 0.00	41.49 -1.98 0.00	33.08 -1.60 0.00	24.22 -1.30 0.00	22.62 -1.23 0.00	22.73 -1.01 0.00	23.06 -0.90 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.48 1.84 0.00	28.57 1.51 0.00	27.28 1.35 0.00	27.43 1.33 0.00	27.64 1.37 0.00	28.29 1.39 0.00	31.81 1.64 0.00	32.48 1.75 0.00	37.91 2.06 0.00	35.08 1.96 0.00	31.37 1.64 0.00	32.04 1.63 0.00	29.90 1.49 0.00	31.93 1.57 0.00	35.18 1.73 0.00	30.63 1.58 0.00	34.42 1.91 0.00	39.35 2.26 0.00	46.01 2.55 0.00	36.76 2.07 0.00	27.06 1.54 0.00	25.29 1.43 0.00	25.10 1.36 0.00	25.24 1.27 0.00
PEEKSKILL____ 23653	32.01 1.38 0.00	28.17 1.12 0.00	26.89 0.96 0.00	27.05 0.94 0.00	27.26 1.00 0.00	27.89 0.99 0.00	31.32 1.16 0.00	31.99 1.25 0.00	37.32 1.47 0.00	34.50 1.39 0.00	30.83 1.10 0.00	31.51 1.10 0.00	29.43 1.02 0.00	31.43 1.07 0.00	34.62 1.18 0.00	30.16 1.11 0.00	33.87 1.36 0.00	38.68 1.59 0.00	45.27 1.81 0.00	36.19 1.50 0.00	26.64 1.13 0.00	24.92 1.07 0.00	24.76 1.02 0.00	24.93 0.96 0.00
PGE MADISON__WINDPWR 24146	32.23 1.54 -0.06	28.34 1.28 0.00	27.20 1.27 0.00	27.39 1.29 0.00	27.62 1.36 0.00	28.57 1.48 -0.19	32.18 1.95 -0.06	32.88 2.11 -0.03	38.33 2.48 0.00	35.47 2.35 0.00	31.88 2.15 0.00	32.63 2.23 0.00	30.54 2.13 0.00	32.68 2.32 0.00	35.98 2.53 0.00	30.95 1.89 0.00	34.72 2.21 0.00	39.43 2.35 0.00	46.34 2.88 0.00	37.06 2.38 0.00	26.98 1.47 0.00	25.23 1.38 0.00	25.13 1.39 0.00	25.24 1.28 0.00
PIERCEFIELD__HYD 23852	30.76 0.12 0.00	27.19 0.13 0.00	26.08 0.15 0.00	26.31 0.20 0.00	26.45 0.19 0.00	27.05 0.15 0.00	30.23 0.06 0.00	30.82 0.08 0.00	35.96 0.10 0.00	33.20 0.08 0.00	29.89 0.16 0.00	30.61 0.20 0.00	28.63 0.22 0.00	30.59 0.23 0.00	33.65 0.20 0.00	29.21 0.16 0.00	32.63 0.12 0.00	37.18 0.09 0.00	43.60 0.14 0.00	34.73 0.04 0.00	25.53 0.01 0.00	23.85 0.00 0.00	23.73 0.00 0.00	23.84 -0.13 0.00
PINELAWN_CC_1 323563	89.64 2.43 -56.57	29.03 1.98 0.00	27.63 1.70 0.00	27.88 1.78 0.00	28.11 1.85 0.00	28.67 1.77 0.00	32.20 2.03 0.00	32.98 2.25 0.00	46.79 2.64 -8.30	41.11 2.47 -5.53	96.96 2.15 -65.08	37.12 2.14 -4.57	36.97 1.98 -6.58	34.11 2.06 -1.69	37.04 2.25 -1.35	33.40 2.07 -2.28	38.33 2.40 -3.42	39.86 2.77 0.00	48.31 3.32 -1.53	71.78 2.69 -34.40	27.51 2.00 0.00	25.73 1.87 0.00	25.53 1.79 0.00	25.69 1.72 0.00
PJM_GEN_HTP_PROXY 323702	32.19 1.55 0.00	28.30 1.25 0.00	26.99 1.06 0.00	27.13 1.02 0.00	27.35 1.09 0.00	28.03 1.12 0.00	31.44 1.28 0.00	32.01 1.38 0.10	37.48 1.62 0.00	34.68 1.56 0.00	30.99 1.26 0.00	31.67 1.26 0.00	29.56 1.15 0.00	31.56 1.19 0.00	34.76 1.32 0.00	30.29 1.23 0.00	34.00 1.49 0.00	38.82 1.73 0.00	45.44 1.98 0.00	36.37 1.68 0.00	26.79 1.28 0.00	25.10 1.25 0.00	24.92 1.19 0.00	25.05 1.08 0.00



PPL_SHRM_GT3 24213	90.06 2.86 -56.57	29.39 2.33 0.00	28.03 2.10 0.00	28.31 2.21 0.00	28.56 2.30 0.00	29.12 2.22 0.00	32.67 2.50 0.00	33.51 2.77 0.00	47.39 3.23 -8.30	41.43 2.78 -5.53	97.34 2.53 -65.08	37.56 2.58 -4.57	37.29 2.31 -6.58	34.51 2.45 -1.69	37.49 2.70 -1.35	33.79 2.47 -2.28	38.78 2.85 -3.42	40.38 3.30 0.00	48.95 3.96 -1.53	72.28 3.19 -34.40	27.87 2.35 0.00	26.14 2.28 0.00	25.88 2.14 0.00	26.03 2.07 0.00
PPL_SHRM_GT4 24214	90.06 2.86 -56.57	29.39 2.33 0.00	28.03 2.10 0.00	28.31 2.21 0.00	28.56 2.30 0.00	29.12 2.22 0.00	32.67 2.50 0.00	33.51 2.77 0.00	47.39 3.23 -8.30	41.43 2.78 -5.53	97.34 2.53 -65.08	37.56 2.58 -4.57	37.29 2.31 -6.58	34.51 2.45 -1.69	37.49 2.70 -1.35	33.79 2.47 -2.28	38.78 2.85 -3.42	40.38 3.30 0.00	48.95 3.96 -1.53	72.28 3.19 -34.40	27.87 2.35 0.00	26.14 2.28 0.00	25.88 2.14 0.00	26.03 2.07 0.00
PROJECT___ORANGE 1 24174	29.84 -0.80 0.00	26.40 -0.65 0.00	25.34 -0.59 0.00	25.50 -0.61 0.00	25.64 -0.62 0.00	26.29 -0.62 0.00	29.49 -0.67 0.00	30.05 -0.68 0.00	35.06 -0.79 0.00	32.38 -0.74 0.00	29.13 -0.60 0.00	29.79 -0.62 0.00	27.81 -0.60 0.00	29.73 -0.64 0.00	32.74 -0.70 0.00	28.39 -0.66 0.00	31.72 -0.79 0.00	36.24 -0.85 0.00	42.43 -1.04 0.00	33.88 -0.80 0.00	24.97 -0.55 0.00	23.34 -0.51 0.00	23.24 -0.50 0.00	23.52 -0.45 0.00
PROJECT___ORANGE 2 24166	29.84 -0.80 0.00	26.40 -0.65 0.00	25.34 -0.59 0.00	25.50 -0.61 0.00	25.64 -0.62 0.00	26.29 -0.62 0.00	29.49 -0.67 0.00	30.05 -0.68 0.00	35.06 -0.79 0.00	32.38 -0.74 0.00	29.13 -0.60 0.00	29.79 -0.62 0.00	27.81 -0.60 0.00	29.73 -0.64 0.00	32.74 -0.70 0.00	28.39 -0.66 0.00	31.72 -0.79 0.00	36.24 -0.85 0.00	42.43 -1.04 0.00	33.88 -0.80 0.00	24.97 -0.55 0.00	23.34 -0.51 0.00	23.24 -0.50 0.00	23.52 -0.45 0.00
PUCKETT___SOLAR 323809	30.81 0.12 -0.06	27.14 0.08 0.00	25.99 0.06 0.00	26.17 0.07 0.00	26.37 0.11 0.00	27.24 0.15 -0.19	30.43 0.20 -0.06	31.00 0.24 -0.03	36.15 0.30 0.00	33.38 0.26 0.00	30.06 0.33 0.00	30.73 0.32 0.00	28.68 0.27 0.00	30.65 0.29 0.00	33.78 0.34 0.00	29.29 0.23 0.00	32.63 0.12 0.00	37.29 0.20 0.00	43.76 0.30 0.00	34.93 0.25 0.00	25.61 0.09 0.00	23.94 0.08 0.00	23.90 0.16 0.00	24.04 0.08 0.00
PYRITES___HYD 24023	31.68 1.04 0.00	28.00 0.95 0.00	26.86 0.93 0.00	27.07 0.96 0.00	27.22 0.96 0.00	27.83 0.93 0.00	31.07 0.91 0.00	31.69 0.95 0.00	36.99 1.14 0.00	34.13 1.01 0.00	30.70 0.97 0.00	31.41 1.00 0.00	29.38 0.97 0.00	31.39 1.03 0.00	34.54 1.09 0.00	30.00 0.94 0.00	33.54 1.03 0.00	38.23 1.14 0.00	44.85 1.39 0.00	35.74 1.05 0.00	26.23 0.72 0.00	24.49 0.63 0.00	24.36 0.62 0.00	24.47 0.50 0.00
QUAKERRD_115KV_BK1 80622	28.68 -1.96 0.00	25.38 -1.67 0.00	24.42 -1.52 0.00	24.57 -1.54 0.00	24.71 -1.55 0.00	25.36 -1.55 0.00	28.41 -1.76 0.00	28.81 -1.92 0.00	33.59 -2.26 0.00	30.99 -2.13 0.00	27.99 -1.74 0.00	28.68 -1.73 0.00	26.77 -1.64 0.00	28.57 -1.79 0.00	31.42 -2.03 0.00	27.25 -1.80 0.00	30.43 -2.08 0.00	34.89 -2.20 0.00	40.84 -2.62 0.00	32.57 -2.12 0.00	23.89 -1.63 0.00	22.32 -1.54 0.00	22.27 -1.47 0.00	22.56 -1.41 0.00
QUENSBRY_115KV_TB8 356137	31.87 1.23 0.00	28.06 1.01 0.00	26.86 0.93 0.00	27.05 0.94 0.00	27.18 0.92 0.00	28.00 1.09 0.00	31.90 1.73 0.00	32.58 1.85 0.00	38.04 2.19 0.00	35.18 2.06 0.00	31.58 1.85 0.00	32.44 2.03 0.00	30.35 1.94 0.00	32.36 2.00 0.00	35.75 2.31 0.00	31.15 2.10 0.00	35.07 2.56 0.00	39.92 2.83 0.00	46.35 2.89 0.00	37.04 2.36 0.00	27.22 1.70 0.00	25.38 1.53 0.00	25.15 1.42 0.00	25.28 1.31 0.00
RAMAPO___LBMP 323565	31.89 1.25 0.00	28.06 1.01 0.00	26.80 0.87 0.00	26.95 0.84 0.00	27.17 0.90 0.00	27.80 0.90 0.00	31.21 1.05 0.00	31.87 1.14 0.00	37.18 1.33 0.00	34.35 1.23 0.00	30.69 0.96 0.00	31.38 0.97 0.00	29.31 0.90 0.00	31.31 0.94 0.00	34.49 1.05 0.00	30.03 0.97 0.00	33.72 1.21 0.00	38.52 1.43 0.00	45.10 1.64 0.00	36.03 1.35 0.00	26.53 1.01 0.00	24.82 0.96 0.00	24.66 0.92 0.00	24.84 0.87 0.00
RANKINE____ 23646	28.85 -1.79 0.00	25.59 -1.47 0.00	24.67 -1.26 0.00	24.81 -1.29 0.00	24.98 -1.29 0.00	25.64 -1.26 0.00	28.67 -1.50 0.00	28.89 -1.85 0.00	33.62 -2.23 0.00	30.90 -2.21 0.00	28.07 -1.66 0.00	28.76 -1.65 0.00	26.85 -1.57 0.00	28.62 -1.74 0.00	31.41 -2.04 0.00	27.18 -1.87 0.00	30.18 -2.33 0.00	34.78 -2.31 0.00	40.72 -2.74 0.00	32.48 -2.20 0.00	23.77 -1.74 0.00	22.20 -1.66 0.00	22.29 -1.45 0.00	22.62 -1.35 0.00
RAVENSWOOD_GT2_1 24244	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.19 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.32 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT2_2 24245	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.19 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.32 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT2_3 24246	32.23 1.60 0.00	28.35 1.30 0.00	27.04 1.10 0.00	27.17 1.06 0.00	27.38 1.12 0.00	28.05 1.15 0.00	31.48 1.32 0.00	32.14 1.41 0.00	37.51 1.66 0.00	34.72 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.19 0.00	31.60 1.24 0.00	34.81 1.37 0.00	30.33 1.27 0.00	34.04 1.53 0.00	38.86 1.77 0.00	45.49 2.03 0.00	36.40 1.72 0.00	26.81 1.30 0.00	25.12 1.27 0.00	24.95 1.21 0.00	25.08 1.12 0.00
RAVENSWOOD_GT2_4 24247	32.23 1.60 0.00	28.35 1.30 0.00	27.04 1.10 0.00	27.17 1.06 0.00	27.38 1.12 0.00	28.05 1.15 0.00	31.48 1.32 0.00	32.14 1.41 0.00	37.51 1.66 0.00	34.72 1.60 0.00	31.03 1.30 0.00	31.71 1.30 0.00	29.60 1.19 0.00	31.60 1.24 0.00	34.81 1.37 0.00	30.33 1.27 0.00	34.04 1.53 0.00	38.86 1.77 0.00	45.49 2.03 0.00	36.40 1.72 0.00	26.81 1.30 0.00	25.12 1.27 0.00	24.95 1.21 0.00	25.08 1.12 0.00
RAVENSWOOD_GT3_1 24248	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.19 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.32 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00



RAVENSWOOD_GT3_2 24249	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.19 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.32 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT3_3 24250	32.26 1.62 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.40 1.14 0.00	28.07 1.17 0.00	31.51 1.34 0.00	32.17 1.44 0.00	37.55 1.70 0.00	34.76 1.64 0.00	31.06 1.33 0.00	31.74 1.33 0.00	29.63 1.22 0.00	31.63 1.27 0.00	34.85 1.40 0.00	30.36 1.31 0.00	34.08 1.57 0.00	38.90 1.81 0.00	45.54 2.08 0.00	36.44 1.75 0.00	26.84 1.32 0.00	25.15 1.29 0.00	24.97 1.23 0.00	25.10 1.14 0.00
RAVENSWOOD_GT3_4 24251	32.26 1.62 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.40 1.14 0.00	28.07 1.17 0.00	31.51 1.34 0.00	32.17 1.44 0.00	37.55 1.70 0.00	34.76 1.64 0.00	31.06 1.33 0.00	31.74 1.33 0.00	29.63 1.22 0.00	31.63 1.27 0.00	34.85 1.40 0.00	30.36 1.31 0.00	34.08 1.57 0.00	38.90 1.81 0.00	45.54 2.08 0.00	36.44 1.75 0.00	26.84 1.32 0.00	25.15 1.29 0.00	24.97 1.23 0.00	25.10 1.14 0.00
RAVENSWOOD_GT_1 23729	32.25 1.61 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.18 1.08 0.00	27.39 1.12 0.00	28.07 1.16 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.53 1.68 0.00	34.75 1.63 0.00	31.06 1.32 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.61 1.25 0.00	34.83 1.38 0.00	30.35 1.30 0.00	34.04 1.53 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.44 1.75 0.00	26.82 1.31 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.08 1.11 0.00
RAVENSWOOD_GT_10 24258	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.31 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.81 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT_11 24259	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.31 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.81 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT_4 24252	32.21 1.57 0.00	28.33 1.28 0.00	27.02 1.09 0.00	27.15 1.05 0.00	27.36 1.10 0.00	28.03 1.13 0.00	31.46 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.69 1.58 0.00	31.00 1.27 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.34 0.00	30.31 1.26 0.00	34.02 1.52 0.00	38.84 1.76 0.00	45.47 2.01 0.00	36.37 1.69 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT_5 24254	32.21 1.57 0.00	28.33 1.28 0.00	27.02 1.09 0.00	27.15 1.05 0.00	27.36 1.10 0.00	28.03 1.13 0.00	31.46 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.69 1.58 0.00	31.00 1.27 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.34 0.00	30.31 1.26 0.00	34.02 1.52 0.00	38.84 1.76 0.00	45.47 2.01 0.00	36.37 1.69 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT_6 24253	32.21 1.57 0.00	28.33 1.28 0.00	27.02 1.09 0.00	27.15 1.05 0.00	27.36 1.10 0.00	28.03 1.13 0.00	31.46 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.69 1.58 0.00	31.00 1.27 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.34 0.00	30.31 1.26 0.00	34.02 1.52 0.00	38.84 1.76 0.00	45.47 2.01 0.00	36.37 1.69 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT_7 24255	32.21 1.57 0.00	28.33 1.28 0.00	27.02 1.09 0.00	27.15 1.05 0.00	27.36 1.10 0.00	28.03 1.13 0.00	31.46 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.69 1.58 0.00	31.00 1.27 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.34 0.00	30.31 1.26 0.00	34.02 1.52 0.00	38.84 1.76 0.00	45.47 2.01 0.00	36.37 1.69 0.00	26.80 1.29 0.00	25.11 1.25 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.31 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.81 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD_GT_9 24257	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.37 1.10 0.00	28.04 1.14 0.00	31.47 1.30 0.00	32.13 1.39 0.00	37.50 1.65 0.00	34.70 1.59 0.00	31.01 1.28 0.00	31.69 1.28 0.00	29.59 1.18 0.00	31.58 1.22 0.00	34.79 1.35 0.00	30.31 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.81 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00
RAVENSWOOD___1 23533	32.25 1.62 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.40 1.13 0.00	28.06 1.16 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.53 1.68 0.00	34.74 1.62 0.00	31.04 1.31 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.61 1.25 0.00	34.82 1.38 0.00	30.35 1.30 0.00	34.04 1.53 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.44 1.75 0.00	26.82 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.08 1.11 0.00
RAVENSWOOD___2 23534	32.25 1.62 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.40 1.13 0.00	28.06 1.16 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.53 1.68 0.00	34.74 1.62 0.00	31.04 1.31 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.61 1.25 0.00	34.82 1.38 0.00	30.35 1.30 0.00	34.04 1.53 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.44 1.75 0.00	26.82 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.08 1.11 0.00
RAVENSWOOD___3 23535	32.22 1.58 0.00	28.34 1.28 0.00	27.03 1.10 0.00	27.17 1.06 0.00	27.38 1.12 0.00	28.04 1.14 0.00	31.46 1.30 0.00	32.14 1.40 0.00	37.51 1.66 0.00	34.70 1.59 0.00	31.00 1.27 0.00	31.69 1.29 0.00	29.59 1.19 0.00	31.59 1.22 0.00	34.79 1.35 0.00	30.32 1.26 0.00	34.03 1.52 0.00	38.85 1.76 0.00	45.48 2.02 0.00	36.39 1.70 0.00	26.80 1.29 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.07 1.10 0.00

RAVENSWOOD___4 23820	32.25 1.62 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.19 1.08 0.00	27.40 1.13 0.00	28.06 1.16 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.53 1.68 0.00	34.74 1.62 0.00	31.04 1.31 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.61 1.25 0.00	34.82 1.38 0.00	30.35 1.30 0.00	34.04 1.53 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.44 1.75 0.00	26.82 1.30 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.08 1.11 0.00
RCPI_TRUST___DRP 24196	32.23 1.60 0.00	28.35 1.29 0.00	27.03 1.10 0.00	27.16 1.05 0.00	27.39 1.12 0.00	28.06 1.16 0.00	31.49 1.32 0.00	32.17 1.43 0.00	37.55 1.69 0.00	34.75 1.63 0.00	31.05 1.32 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.62 1.25 0.00	34.83 1.38 0.00	30.34 1.29 0.00	34.06 1.55 0.00	38.89 1.80 0.00	45.53 2.06 0.00	36.43 1.74 0.00	26.86 1.34 0.00	25.15 1.30 0.00	24.98 1.25 0.00	25.11 1.14 0.00
RED___ROCHESTER 323720	29.19 -1.33 0.12	25.95 -1.10 0.00	24.97 -0.96 0.00	25.12 -0.98 0.00	25.27 -0.99 0.00	25.56 -0.97 0.38	28.92 -1.11 0.13	29.37 -1.30 0.06	34.31 -1.54 0.00	31.64 -1.48 0.00	28.63 -1.10 0.00	29.34 -1.07 0.00	27.39 -1.02 0.00	29.22 -1.15 0.00	32.11 -1.33 0.00	27.84 -1.21 0.00	31.07 -1.44 0.00	35.72 -1.37 0.00	41.79 -1.67 0.00	33.32 -1.37 0.00	24.42 -1.10 0.00	22.80 -1.05 0.00	22.77 -0.96 0.00	23.06 -0.91 0.00
REGAN___SOLAR 323812	33.71 3.07 0.00	29.71 2.66 0.00	28.46 2.53 0.00	28.58 2.47 0.00	28.76 2.50 0.00	29.50 2.60 0.00	33.25 3.08 0.00	34.02 3.28 0.00	39.66 3.81 0.00	36.78 3.66 0.00	32.94 3.20 0.00	33.63 3.22 0.00	31.55 3.14 0.00	33.71 3.35 0.00	37.10 3.66 0.00	32.32 3.27 0.00	36.35 3.84 0.00	41.44 4.36 0.00	48.60 5.14 0.00	38.66 3.97 0.00	28.40 2.88 0.00	26.49 2.63 0.00	26.22 2.48 0.00	26.41 2.44 0.00
RENSSELAER___COGEN 23796	31.11 0.47 0.00	27.49 0.43 0.00	26.34 0.40 0.00	26.50 0.39 0.00	26.64 0.37 0.00	27.29 0.39 0.00	30.59 0.42 0.00	31.11 0.37 0.00	36.21 0.36 0.00	33.50 0.38 0.00	29.97 0.24 0.00	30.63 0.22 0.00	28.60 0.19 0.00	30.59 0.23 0.00	33.76 0.31 0.00	29.35 0.30 0.00	32.95 0.44 0.00	37.58 0.49 0.00	43.92 0.46 0.00	35.10 0.41 0.00	25.82 0.31 0.00	24.16 0.30 0.00	23.99 0.25 0.00	24.16 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.25 2.61 0.00	29.26 2.20 0.00	28.01 2.08 0.00	28.22 2.12 0.00	28.34 2.07 0.00	29.04 2.13 0.00	32.80 2.63 0.00	33.62 2.89 0.00	39.27 3.42 0.00	36.33 3.21 0.00	32.63 2.90 0.00	33.42 3.02 0.00	31.47 3.06 0.00	33.75 3.39 0.00	37.46 4.01 0.00	32.65 3.60 0.00	36.86 4.35 0.00	41.76 4.67 0.00	47.96 4.50 0.00	38.43 3.74 0.00	28.26 2.74 0.00	26.27 2.41 0.00	26.04 2.30 0.00	26.13 2.17 0.00
REVERE_CPPR_DRP 24186	31.53 0.90 0.00	27.84 0.78 0.00	26.63 0.70 0.00	26.81 0.70 0.00	26.97 0.70 0.00	27.64 0.74 0.00	31.07 0.91 0.00	31.71 0.97 0.00	37.01 1.16 0.00	34.25 1.13 0.00	30.85 1.12 0.00	31.59 1.18 0.00	29.48 1.07 0.00	31.53 1.17 0.00	34.74 1.29 0.00	30.15 1.10 0.00	33.80 1.29 0.00	38.45 1.36 0.00	44.89 1.43 0.00	35.73 1.05 0.00	26.31 0.80 0.00	24.57 0.72 0.00	24.40 0.66 0.00	24.53 0.56 0.00
REYNOLDS_115KV_TB3 80639	31.36 0.72 0.00	27.67 0.61 0.00	26.50 0.58 0.00	26.67 0.56 0.00	26.81 0.55 0.00	27.48 0.57 0.00	30.80 0.64 0.00	31.32 0.58 0.00	36.47 0.62 0.00	33.73 0.62 0.00	30.16 0.43 0.00	30.82 0.41 0.00	28.78 0.37 0.00	30.79 0.43 0.00	33.98 0.54 0.00	29.56 0.51 0.00	33.18 0.67 0.00	37.83 0.74 0.00	44.21 0.75 0.00	35.33 0.64 0.00	26.00 0.48 0.00	24.33 0.48 0.00	24.16 0.42 0.00	24.34 0.37 0.00
RIVERBAY____ 323610	32.49 1.85 0.00	28.59 1.53 0.00	27.25 1.32 0.00	27.38 1.27 0.00	27.57 1.31 0.00	28.27 1.37 0.00	31.66 1.49 0.00	32.30 1.56 0.00	37.69 1.84 0.00	34.90 1.78 0.00	31.20 1.47 0.00	31.89 1.48 0.00	29.76 1.35 0.00	31.75 1.39 0.00	35.00 1.56 0.00	30.53 1.48 0.00	34.18 1.68 0.00	39.09 2.00 0.00	45.73 2.28 0.00	36.64 1.95 0.00	26.91 1.39 0.00	25.28 1.42 0.00	25.12 1.38 0.00	25.25 1.28 0.00
RIVERSDE_115KV_TB3 55908	31.25 0.61 0.00	27.59 0.54 0.00	26.43 0.50 0.00	26.59 0.49 0.00	26.74 0.48 0.00	27.40 0.49 0.00	30.71 0.54 0.00	31.23 0.49 0.00	36.36 0.51 0.00	33.63 0.52 0.00	30.09 0.36 0.00	30.74 0.33 0.00	28.72 0.30 0.00	30.72 0.35 0.00	33.90 0.45 0.00	29.48 0.43 0.00	33.09 0.58 0.00	37.74 0.65 0.00	44.10 0.64 0.00	35.24 0.55 0.00	25.92 0.41 0.00	24.26 0.40 0.00	24.09 0.35 0.00	24.26 0.29 0.00
ROARING___BROOK_WT_PWR 323790	30.33 -0.31 0.00	26.89 -0.16 0.00	25.80 -0.13 0.00	25.95 -0.16 0.00	26.16 -0.10 0.00	26.84 -0.07 0.00	30.11 -0.05 0.00	30.68 -0.06 0.00	35.81 -0.04 0.00	33.07 -0.05 0.00	29.70 -0.03 0.00	30.40 -0.01 0.00	28.43 0.03 0.00	30.46 0.10 0.00	33.51 0.06 0.00	29.07 0.02 0.00	32.56 0.06 0.00	37.03 -0.06 0.00	43.24 -0.22 0.00	34.38 -0.31 0.00	25.32 -0.20 0.00	23.62 -0.24 0.00	23.51 -0.22 0.00	23.71 -0.26 0.00
ROCHESRG_115KV_T4 355643	29.02 -1.62 0.00	25.70 -1.35 0.00	24.74 -1.19 0.00	24.90 -1.21 0.00	25.04 -1.22 0.00	25.70 -1.21 0.00	28.76 -1.40 0.00	29.13 -1.60 0.00	33.94 -1.91 0.00	31.29 -1.83 0.00	28.28 -1.45 0.00	28.99 -1.42 0.00	27.07 -1.34 0.00	28.88 -1.49 0.00	31.74 -1.71 0.00	27.52 -1.53 0.00	30.69 -1.82 0.00	35.25 -1.84 0.00	41.26 -2.20 0.00	32.91 -1.78 0.00	24.12 -1.39 0.00	22.54 -1.32 0.00	22.52 -1.22 0.00	22.82 -1.14 0.00
ROCHESTER_9_IC 23652	29.18 -1.46 0.00	25.84 -1.22 0.00	24.87 -1.06 0.00	25.03 -1.08 0.00	25.18 -1.09 0.00	25.83 -1.07 0.00	28.93 -1.24 0.00	29.30 -1.44 0.00	34.14 -1.71 0.00	31.48 -1.64 0.00	28.46 -1.27 0.00	29.18 -1.23 0.00	27.24 -1.17 0.00	29.06 -1.31 0.00	31.94 -1.51 0.00	27.69 -1.36 0.00	30.89 -1.62 0.00	35.50 -1.59 0.00	41.54 -1.92 0.00	33.13 -1.56 0.00	24.28 -1.24 0.00	22.68 -1.18 0.00	22.65 -1.09 0.00	22.95 -1.02 0.00
ROCKVIEW_13_KV_LD 356306	32.22 1.59 0.00	28.35 1.29 0.00	27.05 1.12 0.00	27.19 1.09 0.00	27.40 1.14 0.00	28.05 1.15 0.00	31.50 1.34 0.00	32.18 1.44 0.00	37.55 1.70 0.00	34.74 1.62 0.00	31.06 1.33 0.00	31.74 1.33 0.00	29.63 1.22 0.00	31.65 1.28 0.00	34.87 1.42 0.00	30.37 1.32 0.00	34.10 1.59 0.00	38.94 1.85 0.00	45.57 2.11 0.00	36.44 1.76 0.00	26.85 1.34 0.00	25.11 1.26 0.00	24.93 1.20 0.00	25.08 1.11 0.00
ROME____115KV_TB2 80656	31.53 0.90 0.00	27.84 0.78 0.00	26.63 0.70 0.00	26.81 0.70 0.00	26.97 0.70 0.00	27.64 0.74 0.00	31.07 0.91 0.00	31.71 0.97 0.00	37.01 1.16 0.00	34.25 1.13 0.00	30.85 1.12 0.00	31.59 1.18 0.00	29.48 1.07 0.00	31.53 1.17 0.00	34.74 1.29 0.00	30.15 1.10 0.00	33.80 1.29 0.00	38.45 1.36 0.00	44.89 1.43 0.00	35.73 1.05 0.00	26.31 0.80 0.00	24.57 0.72 0.00	24.40 0.66 0.00	24.53 0.56 0.00

ROSETON___1 23587	31.89 1.25 0.00	28.06 1.00 0.00	26.80 0.87 0.00	26.97 0.86 0.00	27.16 0.89 0.00	27.80 0.90 0.00	31.21 1.05 0.00	31.86 1.12 0.00	37.16 1.31 0.00	34.36 1.24 0.00	30.71 0.98 0.00	31.37 0.96 0.00	29.30 0.89 0.00	31.30 0.93 0.00	34.49 1.04 0.00	30.03 0.97 0.00	33.73 1.22 0.00	38.51 1.42 0.00	45.06 1.59 0.00	35.99 1.30 0.00	26.50 0.98 0.00	24.79 0.93 0.00	24.62 0.88 0.00	24.79 0.82 0.00
ROSETON___2 23588	31.89 1.25 0.00	28.06 1.00 0.00	26.80 0.87 0.00	26.97 0.86 0.00	27.16 0.89 0.00	27.80 0.90 0.00	31.21 1.05 0.00	31.86 1.12 0.00	37.16 1.31 0.00	34.36 1.24 0.00	30.71 0.98 0.00	31.37 0.96 0.00	29.30 0.89 0.00	31.30 0.93 0.00	34.49 1.04 0.00	30.03 0.97 0.00	33.73 1.22 0.00	38.51 1.42 0.00	45.06 1.59 0.00	35.99 1.30 0.00	26.50 0.98 0.00	24.79 0.93 0.00	24.62 0.88 0.00	24.79 0.82 0.00
ROTTTRDAM_115KV_TB3 80664	31.49 0.85 0.00	27.76 0.70 0.00	26.58 0.64 0.00	26.75 0.64 0.00	26.91 0.65 0.00	27.58 0.68 0.00	31.01 0.84 0.00	31.60 0.86 0.00	36.86 1.01 0.00	34.08 0.96 0.00	30.54 0.81 0.00	31.23 0.82 0.00	29.17 0.76 0.00	31.17 0.81 0.00	34.37 0.93 0.00	29.89 0.84 0.00	33.53 1.02 0.00	38.27 1.17 0.00	44.73 1.27 0.00	35.72 1.04 0.00	26.28 0.76 0.00	24.56 0.70 0.00	24.40 0.66 0.00	24.59 0.62 0.00
RUSSELL___1 23602	29.31 -1.33 0.00	25.96 -1.10 0.00	24.97 -0.96 0.00	25.13 -0.98 0.00	25.27 -0.99 0.00	25.94 -0.97 0.00	29.05 -1.11 0.00	29.44 -1.30 0.00	34.31 -1.54 0.00	31.63 -1.48 0.00	28.61 -1.12 0.00	29.33 -1.08 0.00	27.39 -1.02 0.00	29.22 -1.15 0.00	32.12 -1.33 0.00	27.84 -1.22 0.00	31.07 -1.44 0.00	35.72 -1.37 0.00	41.80 -1.66 0.00	33.32 -1.37 0.00	24.41 -1.10 0.00	22.80 -1.05 0.00	22.77 -0.96 0.00	23.06 -0.91 0.00
RUSSELL___2 23532	29.31 -1.33 0.00	25.96 -1.10 0.00	24.97 -0.96 0.00	25.13 -0.98 0.00	25.27 -0.99 0.00	25.94 -0.97 0.00	29.05 -1.11 0.00	29.44 -1.30 0.00	34.31 -1.54 0.00	31.63 -1.48 0.00	28.61 -1.12 0.00	29.33 -1.08 0.00	27.39 -1.02 0.00	29.22 -1.15 0.00	32.12 -1.33 0.00	27.84 -1.22 0.00	31.07 -1.44 0.00	35.72 -1.37 0.00	41.80 -1.66 0.00	33.32 -1.37 0.00	24.41 -1.10 0.00	22.80 -1.05 0.00	22.77 -0.96 0.00	23.06 -0.91 0.00
RUSSELL___3 23549	29.31 -1.33 0.00	25.96 -1.10 0.00	24.97 -0.96 0.00	25.13 -0.98 0.00	25.27 -0.99 0.00	25.94 -0.97 0.00	29.05 -1.11 0.00	29.44 -1.30 0.00	34.31 -1.54 0.00	31.63 -1.48 0.00	28.61 -1.12 0.00	29.33 -1.08 0.00	27.39 -1.02 0.00	29.22 -1.15 0.00	32.12 -1.33 0.00	27.84 -1.22 0.00	31.07 -1.44 0.00	35.72 -1.37 0.00	41.80 -1.66 0.00	33.32 -1.37 0.00	24.41 -1.10 0.00	22.80 -1.05 0.00	22.77 -0.96 0.00	23.06 -0.91 0.00
RUSSELL___4 23556	29.31 -1.33 0.00	25.96 -1.10 0.00	24.97 -0.96 0.00	25.13 -0.98 0.00	25.27 -0.99 0.00	25.94 -0.97 0.00	29.05 -1.11 0.00	29.44 -1.30 0.00	34.31 -1.54 0.00	31.63 -1.48 0.00	28.61 -1.12 0.00	29.33 -1.08 0.00	27.39 -1.02 0.00	29.22 -1.15 0.00	32.12 -1.33 0.00	27.84 -1.22 0.00	31.07 -1.44 0.00	35.72 -1.37 0.00	41.80 -1.66 0.00	33.32 -1.37 0.00	24.41 -1.10 0.00	22.80 -1.05 0.00	22.77 -0.96 0.00	23.06 -0.91 0.00
RUSSELL___STATION 23914	29.31 -1.33 0.00	25.96 -1.10 0.00	24.97 -0.96 0.00	25.13 -0.98 0.00	25.27 -0.99 0.00	25.94 -0.97 0.00	29.05 -1.11 0.00	29.44 -1.30 0.00	34.31 -1.54 0.00	31.63 -1.48 0.00	28.61 -1.12 0.00	29.33 -1.08 0.00	27.39 -1.02 0.00	29.22 -1.15 0.00	32.12 -1.33 0.00	27.84 -1.22 0.00	31.07 -1.44 0.00	35.72 -1.37 0.00	41.80 -1.66 0.00	33.32 -1.37 0.00	24.41 -1.10 0.00	22.80 -1.05 0.00	22.77 -0.96 0.00	23.06 -0.91 0.00
S SALMON___HYD 24043	29.78 -0.86 0.00	26.30 -0.76 0.00	25.19 -0.74 0.00	25.32 -0.79 0.00	25.45 -0.81 0.00	26.10 -0.80 0.00	29.27 -0.89 0.00	29.83 -0.90 0.00	34.79 -1.06 0.00	32.17 -0.95 0.00	29.02 -0.71 0.00	29.72 -0.69 0.00	27.75 -0.66 0.00	29.66 -0.70 0.00	32.64 -0.81 0.00	28.33 -0.72 0.00	31.75 -0.76 0.00	36.20 -0.89 0.00	42.26 -1.21 0.00	33.55 -1.13 0.00	24.76 -0.75 0.00	23.19 -0.66 0.00	23.05 -0.69 0.00	23.19 -0.78 0.00
S.PERRY___115KV_TB1 80734	30.03 -0.61 0.00	26.56 -0.49 0.00	25.51 -0.42 0.00	25.64 -0.47 0.00	25.80 -0.47 0.00	26.49 -0.41 0.00	29.72 -0.44 0.00	30.23 -0.51 0.00	35.34 -0.51 0.00	32.58 -0.54 0.00	29.56 -0.18 0.00	30.09 -0.32 0.00	27.99 -0.42 0.00	29.84 -0.52 0.00	32.89 -0.55 0.00	28.57 -0.48 0.00	31.67 -0.84 0.00	36.43 -0.66 0.00	42.65 -0.82 0.00	34.01 -0.68 0.00	24.86 -0.66 0.00	23.18 -0.68 0.00	23.17 -0.58 0.00	23.43 -0.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.42 -2.22 0.00	25.23 -1.83 0.00	24.35 -1.58 0.00	24.50 -1.60 0.00	24.65 -1.61 0.00	25.31 -1.59 0.00	28.26 -1.90 0.00	28.44 -2.29 0.00	33.09 -2.77 0.00	30.40 -2.72 0.00	27.61 -2.12 0.00	28.34 -2.07 0.00	26.44 -1.97 0.00	28.19 -2.17 0.00	30.92 -2.52 0.00	26.77 -2.29 0.00	29.71 -2.80 0.00	34.26 -2.83 0.00	40.08 -3.38 0.00	31.99 -2.70 0.00	23.40 -2.11 0.00	21.87 -1.99 0.00	21.96 -1.79 0.00	22.31 -1.66 0.00
SAWYER___23_KV_LOAD 55526	28.42 -2.22 0.00	25.23 -1.83 0.00	24.35 -1.58 0.00	24.50 -1.60 0.00	24.65 -1.61 0.00	25.31 -1.59 0.00	28.26 -1.90 0.00	28.44 -2.29 0.00	33.09 -2.77 0.00	30.40 -2.72 0.00	27.61 -2.12 0.00	28.34 -2.07 0.00	26.44 -1.97 0.00	28.19 -2.17 0.00	30.92 -2.52 0.00	26.77 -2.29 0.00	29.71 -2.80 0.00	34.26 -2.83 0.00	40.08 -3.38 0.00	31.99 -2.70 0.00	23.40 -2.11 0.00	21.87 -1.99 0.00	21.96 -1.79 0.00	22.31 -1.66 0.00
SELKIRK___I 23801	31.39 0.76 0.00	27.72 0.66 0.00	26.56 0.63 0.00	26.73 0.62 0.00	26.88 0.61 0.00	27.55 0.64 0.00	30.88 0.72 0.00	31.42 0.68 0.00	36.58 0.73 0.00	33.83 0.71 0.00	30.28 0.55 0.00	30.95 0.54 0.00	28.91 0.50 0.00	30.91 0.55 0.00	34.07 0.63 0.00	29.63 0.57 0.00	33.23 0.73 0.00	37.91 0.82 0.00	44.33 0.87 0.00	35.40 0.72 0.00	26.05 0.53 0.00	24.37 0.52 0.00	24.21 0.48 0.00	24.40 0.44 0.00
SELKIRK___II 23799	31.23 0.59 0.00	27.58 0.52 0.00	26.41 0.47 0.00	26.57 0.47 0.00	26.72 0.46 0.00	27.38 0.47 0.00	30.69 0.53 0.00	31.23 0.50 0.00	36.39 0.54 0.00	33.65 0.53 0.00	30.11 0.38 0.00	30.78 0.37 0.00	28.75 0.34 0.00	30.73 0.37 0.00	33.90 0.45 0.00	29.48 0.43 0.00	33.07 0.56 0.00	37.73 0.64 0.00	44.13 0.67 0.00	35.23 0.55 0.00	25.93 0.41 0.00	24.26 0.40 0.00	24.10 0.36 0.00	24.28 0.31 0.00
SENECA OSWGO___HYD 24041	29.60 -1.04 0.00	26.17 -0.89 0.00	25.09 -0.84 0.00	25.22 -0.89 0.00	25.38 -0.88 0.00	26.02 -0.88 0.00	29.19 -0.98 0.00	29.74 -1.00 0.00	34.69 -1.16 0.00	32.07 -1.05 0.00	28.86 -0.88 0.00	29.50 -0.91 0.00	27.54 -0.87 0.00	29.45 -0.91 0.00	32.43 -1.02 0.00	28.15 -0.90 0.00	31.51 -1.00 0.00	35.99 -1.10 0.00	42.13 -1.33 0.00	33.60 -1.08 0.00	24.74 -0.77 0.00	23.13 -0.72 0.00	23.02 -0.72 0.00	23.31 -0.66 0.00

SENECA___115KV_TB3 355854	28.90 -1.74 0.00	25.62 -1.43 0.00	24.71 -1.22 0.00	24.86 -1.25 0.00	25.01 -1.26 0.00	25.69 -1.21 0.00	28.72 -1.45 0.00	28.93 -1.80 0.00	33.68 -2.17 0.00	30.95 -2.17 0.00	28.11 -1.62 0.00	28.82 -1.60 0.00	26.89 -1.52 0.00	28.67 -1.70 0.00	31.46 -1.98 0.00	27.23 -1.83 0.00	30.23 -2.28 0.00	34.85 -2.24 0.00	40.80 -2.67 0.00	32.55 -2.13 0.00	23.81 -1.71 0.00	22.24 -1.62 0.00	22.33 -1.41 0.00	22.66 -1.30 0.00
SENECA___ENERGY 23797	29.77 -0.87 0.00	26.28 -0.78 0.00	25.21 -0.72 0.00	25.36 -0.74 0.00	25.49 -0.77 0.00	26.15 -0.75 0.00	29.36 -0.81 0.00	29.88 -0.86 0.00	34.85 -1.00 0.00	32.18 -0.93 0.00	29.08 -0.65 0.00	29.72 -0.69 0.00	27.75 -0.66 0.00	29.60 -0.76 0.00	32.54 -0.91 0.00	28.30 -0.75 0.00	31.56 -0.95 0.00	36.09 -1.01 0.00	42.29 -1.17 0.00	33.77 -0.91 0.00	24.84 -0.68 0.00	23.17 -0.69 0.00	23.07 -0.67 0.00	23.36 -0.61 0.00
SHOEMAKER___GT 23640	31.74 1.11 0.00	27.95 0.89 0.00	26.70 0.77 0.00	26.86 0.75 0.00	27.06 0.80 0.00	27.70 0.79 0.00	31.12 0.95 0.00	31.79 1.06 0.00	37.10 1.25 0.00	34.29 1.18 0.00	30.66 0.94 0.00	31.34 0.93 0.00	29.26 0.85 0.00	31.25 0.89 0.00	34.44 1.00 0.00	29.98 0.93 0.00	33.66 1.15 0.00	38.44 1.35 0.00	44.98 1.52 0.00	35.88 1.19 0.00	26.42 0.90 0.00	24.71 0.85 0.00	24.55 0.81 0.00	24.72 0.75 0.00
SHOEMAKR_138KV_BK 111 55601	31.73 1.09 0.00	27.93 0.88 0.00	26.69 0.76 0.00	26.85 0.74 0.00	27.04 0.78 0.00	27.69 0.78 0.00	31.10 0.94 0.00	31.78 1.04 0.00	37.08 1.23 0.00	34.27 1.15 0.00	30.65 0.92 0.00	31.32 0.91 0.00	29.24 0.83 0.00	31.23 0.87 0.00	34.43 0.98 0.00	29.97 0.91 0.00	33.63 1.12 0.00	38.42 1.33 0.00	44.96 1.50 0.00	35.86 1.18 0.00	26.41 0.89 0.00	24.69 0.83 0.00	24.54 0.80 0.00	24.71 0.74 0.00
SHOREHAM_IC_1 23715	90.06 2.86 -56.57	29.39 2.33 0.00	28.03 2.10 0.00	28.31 2.21 0.00	28.56 2.30 0.00	29.12 2.22 0.00	32.67 2.50 0.00	33.51 2.77 0.00	47.39 3.23 -8.30	41.43 2.78 -5.53	97.34 2.53 -65.08	37.56 2.58 -4.57	37.29 2.31 -6.58	34.51 2.45 -1.69	37.49 2.70 -1.35	33.79 2.47 -2.28	38.78 2.85 -3.42	40.38 3.30 0.00	48.95 3.96 -1.53	72.28 3.19 -34.40	27.87 2.35 0.00	26.14 2.28 0.00	25.88 2.14 0.00	26.03 2.07 0.00
SHOREHAM_IC_2 23716	90.06 2.86 -56.57	29.39 2.33 0.00	28.03 2.10 0.00	28.31 2.21 0.00	28.56 2.30 0.00	29.12 2.22 0.00	32.67 2.50 0.00	33.51 2.77 0.00	47.39 3.23 -8.30	41.43 2.78 -5.53	97.34 2.53 -65.08	37.56 2.58 -4.57	37.29 2.31 -6.58	34.51 2.45 -1.69	37.49 2.70 -1.35	33.79 2.47 -2.28	38.78 2.85 -3.42	40.38 3.30 0.00	48.95 3.96 -1.53	72.28 3.19 -34.40	27.87 2.35 0.00	26.14 2.28 0.00	25.88 2.14 0.00	26.03 2.07 0.00
SISSONVILLE____ 23735	30.76 0.12 0.00	27.19 0.13 0.00	26.08 0.15 0.00	26.31 0.20 0.00	26.45 0.19 0.00	27.05 0.15 0.00	30.23 0.06 0.00	30.82 0.08 0.00	35.96 0.10 0.00	33.20 0.08 0.00	29.89 0.16 0.00	30.61 0.20 0.00	28.63 0.22 0.00	30.59 0.23 0.00	33.65 0.20 0.00	29.21 0.16 0.00	32.63 0.12 0.00	37.18 0.09 0.00	43.60 0.14 0.00	34.73 0.04 0.00	25.53 0.01 0.00	23.85 0.00 0.00	23.73 0.00 0.00	23.84 -0.13 0.00
SITHE_IND_GS1 24169	29.30 -1.34 0.00	25.89 -1.16 0.00	24.84 -1.09 0.00	24.99 -1.11 0.00	25.13 -1.13 0.00	25.76 -1.14 0.00	28.88 -1.28 0.00	29.42 -1.32 0.00	34.31 -1.54 0.00	31.70 -1.42 0.00	28.50 -1.23 0.00	29.15 -1.26 0.00	27.23 -1.18 0.00	29.10 -1.27 0.00	32.05 -1.40 0.00	27.82 -1.23 0.00	31.12 -1.39 0.00	35.54 -1.55 0.00	41.62 -1.84 0.00	33.20 -1.48 0.00	24.45 -1.07 0.00	22.87 -0.99 0.00	22.77 -0.97 0.00	23.09 -0.88 0.00
SITHE_IND_GS2 24170	29.30 -1.34 0.00	25.89 -1.16 0.00	24.84 -1.09 0.00	24.99 -1.11 0.00	25.13 -1.13 0.00	25.76 -1.14 0.00	28.88 -1.28 0.00	29.42 -1.32 0.00	34.31 -1.54 0.00	31.70 -1.42 0.00	28.50 -1.23 0.00	29.15 -1.26 0.00	27.23 -1.18 0.00	29.10 -1.27 0.00	32.05 -1.40 0.00	27.82 -1.23 0.00	31.12 -1.39 0.00	35.54 -1.55 0.00	41.62 -1.84 0.00	33.20 -1.48 0.00	24.45 -1.07 0.00	22.87 -0.99 0.00	22.77 -0.97 0.00	23.09 -0.88 0.00
SITHE_IND_GS3 24171	29.30 -1.34 0.00	25.89 -1.16 0.00	24.84 -1.09 0.00	24.99 -1.11 0.00	25.13 -1.13 0.00	25.76 -1.14 0.00	28.88 -1.28 0.00	29.42 -1.32 0.00	34.31 -1.54 0.00	31.70 -1.42 0.00	28.50 -1.23 0.00	29.15 -1.26 0.00	27.23 -1.18 0.00	29.10 -1.27 0.00	32.05 -1.40 0.00	27.82 -1.23 0.00	31.12 -1.39 0.00	35.54 -1.55 0.00	41.62 -1.84 0.00	33.20 -1.48 0.00	24.45 -1.07 0.00	22.87 -0.99 0.00	22.77 -0.97 0.00	23.09 -0.88 0.00
SITHE_IND_GS4 24172	29.30 -1.34 0.00	25.89 -1.16 0.00	24.84 -1.09 0.00	24.99 -1.11 0.00	25.13 -1.13 0.00	25.76 -1.14 0.00	28.88 -1.28 0.00	29.42 -1.32 0.00	34.31 -1.54 0.00	31.70 -1.42 0.00	28.50 -1.23 0.00	29.15 -1.26 0.00	27.23 -1.18 0.00	29.10 -1.27 0.00	32.05 -1.40 0.00	27.82 -1.23 0.00	31.12 -1.39 0.00	35.54 -1.55 0.00	41.62 -1.84 0.00	33.20 -1.48 0.00	24.45 -1.07 0.00	22.87 -0.99 0.00	22.77 -0.97 0.00	23.09 -0.88 0.00
SITHE___BATAVIA 24024	28.96 -1.49 0.19	25.85 -1.20 0.00	24.93 -1.00 0.00	25.06 -1.04 0.00	25.23 -1.03 0.00	25.31 -0.99 0.60	28.75 -1.21 0.20	29.14 -1.50 0.10	34.05 -1.80 0.00	31.39 -1.73 0.00	28.51 -1.22 0.00	29.22 -1.19 0.00	27.24 -1.17 0.00	29.04 -1.33 0.00	31.88 -1.57 0.00	27.64 -1.42 0.00	30.78 -1.73 0.00	35.48 -1.61 0.00	41.46 -2.00 0.00	33.09 -1.60 0.00	24.21 -1.31 0.00	22.58 -1.28 0.00	22.60 -1.14 0.00	22.89 -1.08 0.00
SITHE___INDEPEND 23800	29.29 -1.34 0.00	25.89 -1.16 0.00	24.84 -1.09 0.00	25.00 -1.11 0.00	25.14 -1.13 0.00	25.76 -1.14 0.00	28.88 -1.29 0.00	29.41 -1.32 0.00	34.31 -1.54 0.00	31.69 -1.42 0.00	28.49 -1.24 0.00	29.15 -1.26 0.00	27.23 -1.18 0.00	29.10 -1.27 0.00	32.04 -1.40 0.00	27.82 -1.24 0.00	31.12 -1.39 0.00	35.54 -1.55 0.00	41.62 -1.85 0.00	33.20 -1.48 0.00	24.44 -1.07 0.00	22.87 -0.99 0.00	22.77 -0.97 0.00	23.09 -0.88 0.00
SITHE___MASSENA 23902	31.24 0.61 0.00	27.63 0.57 0.00	26.52 0.58 0.00	26.75 0.65 0.00	26.90 0.64 0.00	27.51 0.60 0.00	30.77 0.60 0.00	31.34 0.60 0.00	36.57 0.71 0.00	33.74 0.62 0.00	30.35 0.62 0.00	31.07 0.66 0.00	29.06 0.65 0.00	31.04 0.68 0.00	34.17 0.72 0.00	29.66 0.60 0.00	33.10 0.59 0.00	37.74 0.65 0.00	44.32 0.86 0.00	35.35 0.66 0.00	25.96 0.45 0.00	24.26 0.41 0.00	24.17 0.43 0.00	24.36 0.39 0.00
SITHE___OGDNSBRG 24021	31.73 1.10 0.00	28.05 1.00 0.00	26.92 0.99 0.00	27.14 1.04 0.00	27.29 1.02 0.00	27.91 1.01 0.00	31.18 1.01 0.00	31.80 1.06 0.00	37.11 1.26 0.00	34.22 1.11 0.00	30.78 1.05 0.00	31.49 1.08 0.00	29.44 1.03 0.00	31.47 1.11 0.00	34.62 1.18 0.00	30.06 1.01 0.00	33.62 1.11 0.00	38.33 1.24 0.00	45.00 1.53 0.00	35.87 1.18 0.00	26.32 0.81 0.00	24.57 0.72 0.00	24.45 0.71 0.00	24.59 0.62 0.00

SITHE___STERLING 23777	31.20 0.57 0.00	27.56 0.50 0.00	26.39 0.46 0.00	26.56 0.45 0.00	26.72 0.45 0.00	27.39 0.49 0.00	30.79 0.62 0.00	31.43 0.69 0.00	36.70 0.84 0.00	33.93 0.81 0.00	30.53 0.80 0.00	31.25 0.84 0.00	29.16 0.75 0.00	31.18 0.81 0.00	34.37 0.92 0.00	29.83 0.78 0.00	33.42 0.91 0.00	38.02 0.93 0.00	44.42 0.96 0.00	35.40 0.71 0.00	26.06 0.54 0.00	24.33 0.47 0.00	24.17 0.43 0.00	24.36 0.39 0.00
SLEIGHT__34_KV_TB1 80719	29.43 -1.21 0.00	26.01 -1.04 0.00	25.00 -0.93 0.00	25.16 -0.95 0.00	25.28 -0.99 0.00	25.94 -0.96 0.00	29.08 -1.08 0.00	29.57 -1.17 0.00	34.50 -1.35 0.00	31.84 -1.28 0.00	28.74 -0.99 0.00	29.43 -0.98 0.00	27.47 -0.94 0.00	29.33 -1.04 0.00	32.25 -1.19 0.00	27.99 -1.06 0.00	31.27 -1.24 0.00	35.83 -1.26 0.00	41.95 -1.51 0.00	33.46 -1.23 0.00	24.54 -0.97 0.00	22.92 -0.94 0.00	22.84 -0.90 0.00	23.12 -0.85 0.00
SOUTH CAIRO___GT 23612	32.71 2.07 0.00	28.88 1.83 0.00	27.69 1.76 0.00	27.85 1.74 0.00	27.98 1.72 0.00	28.73 1.82 0.00	32.24 2.07 0.00	32.82 2.08 0.00	38.20 2.35 0.00	35.35 2.23 0.00	31.72 1.98 0.00	32.47 2.06 0.00	30.27 1.86 0.00	32.32 1.96 0.00	35.62 2.17 0.00	31.00 1.95 0.00	34.88 2.37 0.00	39.85 2.76 0.00	46.53 3.07 0.00	37.06 2.38 0.00	27.24 1.72 0.00	25.42 1.56 0.00	25.17 1.43 0.00	25.28 1.31 0.00
SOUTH HAMPTN___IC 23720	90.41 3.20 -56.57	29.71 2.66 0.00	28.33 2.40 0.00	28.62 2.51 0.00	28.86 2.60 0.00	29.45 2.55 0.00	33.05 2.88 0.00	33.89 3.15 0.00	47.83 3.68 -8.30	41.84 3.20 -5.53	97.68 2.87 -65.08	37.86 2.88 -4.57	37.59 2.61 -6.58	34.85 2.79 -1.69	37.87 3.08 -1.35	34.14 2.81 -2.28	39.19 3.26 -3.42	40.85 3.76 0.00	49.51 4.52 -1.53	72.71 3.63 -34.40	28.17 2.65 0.00	26.40 2.55 0.00	26.13 2.40 0.00	26.28 2.31 0.00
SOUTHDOW_115KV_TB1 355954	29.90 -0.73 0.00	26.46 -0.59 0.00	25.49 -0.45 0.00	25.62 -0.49 0.00	25.78 -0.48 0.00	26.52 -0.39 0.00	29.81 -0.35 0.00	30.17 -0.57 0.00	35.20 -0.65 0.00	32.21 -0.90 0.00	29.15 -0.58 0.00	29.82 -0.59 0.00	27.81 -0.60 0.00	29.71 -0.65 0.00	32.68 -0.76 0.00	28.20 -0.85 0.00	31.29 -1.22 0.00	36.07 -1.02 0.00	42.25 -1.21 0.00	33.75 -0.94 0.00	24.72 -0.80 0.00	23.11 -0.75 0.00	23.21 -0.53 0.00	23.53 -0.44 0.00
SOUTHOLD_69_KV_BK 2 55809	90.95 3.75 -56.57	30.19 3.13 0.00	28.77 2.84 0.00	29.06 2.95 0.00	29.32 3.05 0.00	29.93 3.03 0.00	33.60 3.44 0.00	34.46 3.72 0.00	48.51 4.36 -8.30	42.46 3.81 -5.53	98.22 3.41 -65.08	38.37 3.38 -4.57	38.05 3.06 -6.58	35.38 3.32 -1.69	38.47 3.67 -1.35	34.69 3.36 -2.28	39.83 3.89 -3.42	41.60 4.51 0.00	50.38 5.39 -1.53	73.38 4.29 -34.40	28.65 3.14 0.00	26.84 2.98 0.00	26.53 2.79 0.00	26.65 2.68 0.00
SOUTHOLD___IC 23719	90.95 3.74 -56.57	30.18 3.13 0.00	28.77 2.84 0.00	29.07 2.96 0.00	29.32 3.06 0.00	29.93 3.03 0.00	33.60 3.43 0.00	34.45 3.72 0.00	48.50 4.35 -8.30	42.45 3.81 -5.53	98.21 3.40 -65.08	38.35 3.37 -4.57	38.05 3.06 -6.58	35.37 3.31 -1.69	38.46 3.67 -1.35	34.68 3.36 -2.28	39.83 3.89 -3.42	41.60 4.51 0.00	50.38 5.39 -1.53	73.38 4.29 -34.40	28.65 3.13 0.00	26.83 2.98 0.00	26.53 2.79 0.00	26.65 2.68 0.00
SOUTH_FORK_WT_PWR 323839	91.01 3.80 -56.57	30.23 3.18 0.00	28.82 2.89 0.00	29.12 3.01 0.00	29.37 3.11 0.00	30.00 3.09 0.00	33.66 3.50 0.00	34.52 3.78 0.00	48.57 4.42 -8.30	42.51 3.87 -5.53	98.26 3.45 -65.08	38.40 3.42 -4.57	38.07 3.09 -6.58	35.41 3.35 -1.69	38.51 3.72 -1.35	34.72 3.39 -2.28	39.88 3.94 -3.42	41.65 4.56 0.00	50.45 5.46 -1.53	73.45 4.36 -34.40	28.69 3.17 0.00	26.87 3.02 0.00	26.56 2.82 0.00	26.69 2.72 0.00
SPIERFLS_115KV_TB 1 80737	31.62 0.98 0.00	27.85 0.79 0.00	26.66 0.72 0.00	26.84 0.73 0.00	26.97 0.71 0.00	27.81 0.91 0.00	31.74 1.58 0.00	32.41 1.67 0.00	37.83 1.98 0.00	34.98 1.86 0.00	31.41 1.68 0.00	32.27 1.86 0.00	30.18 1.77 0.00	32.14 1.78 0.00	35.48 2.03 0.00	30.91 1.86 0.00	34.78 2.27 0.00	39.61 2.53 0.00	46.07 2.61 0.00	36.81 2.12 0.00	27.05 1.54 0.00	25.23 1.37 0.00	25.02 1.28 0.00	25.14 1.17 0.00
ST LAWRENCE____ 23600	30.87 0.23 0.00	27.30 0.24 0.00	26.20 0.27 0.00	26.43 0.33 0.00	26.58 0.32 0.00	27.18 0.28 0.00	30.40 0.24 0.00	30.97 0.24 0.00	36.14 0.29 0.00	33.35 0.23 0.00	29.99 0.26 0.00	30.70 0.29 0.00	28.71 0.31 0.00	30.68 0.31 0.00	33.75 0.31 0.00	29.29 0.24 0.00	32.69 0.18 0.00	37.29 0.20 0.00	43.79 0.33 0.00	34.96 0.28 0.00	25.67 0.16 0.00	24.00 0.14 0.00	23.91 0.17 0.00	24.11 0.14 0.00
STATE_CA_115KV_115_LB 55624	31.25 0.61 0.00	27.61 0.55 0.00	26.44 0.51 0.00	26.60 0.50 0.00	26.76 0.49 0.00	27.41 0.51 0.00	30.72 0.56 0.00	31.25 0.52 0.00	36.40 0.55 0.00	33.68 0.56 0.00	30.14 0.41 0.00	30.80 0.39 0.00	28.77 0.36 0.00	30.76 0.40 0.00	33.94 0.50 0.00	29.52 0.47 0.00	33.14 0.63 0.00	37.79 0.71 0.00	44.18 0.71 0.00	35.29 0.61 0.00	25.96 0.45 0.00	24.28 0.42 0.00	24.11 0.37 0.00	24.28 0.31 0.00
STATE_ST_34_KV_LOAD 55959	30.31 -0.33 0.00	26.68 -0.37 0.00	25.63 -0.30 0.00	25.82 -0.29 0.00	25.88 -0.39 0.00	26.53 -0.38 0.00	29.76 -0.40 0.00	30.34 -0.40 0.00	35.40 -0.45 0.00	32.69 -0.43 0.00	29.43 -0.30 0.00	30.10 -0.31 0.00	28.10 -0.31 0.00	30.02 -0.34 0.00	33.05 -0.40 0.00	28.70 -0.35 0.00	32.09 -0.42 0.00	36.69 -0.40 0.00	42.97 -0.49 0.00	34.29 -0.40 0.00	25.21 -0.31 0.00	23.55 -0.31 0.00	23.45 -0.29 0.00	23.72 -0.25 0.00
STATION 5_MISC_HYD 23604	29.06 -1.46 0.12	25.84 -1.22 0.00	24.87 -1.06 0.00	25.02 -1.08 0.00	25.17 -1.09 0.00	25.45 -1.07 0.38	28.80 -1.24 0.13	29.23 -1.44 0.06	34.14 -1.71 0.00	31.48 -1.64 0.00	28.48 -1.25 0.00	29.18 -1.23 0.00	27.24 -1.17 0.00	29.06 -1.30 0.00	31.94 -1.51 0.00	27.69 -1.36 0.00	30.89 -1.62 0.00	35.50 -1.59 0.00	41.54 -1.92 0.00	33.13 -1.55 0.00	24.29 -1.23 0.00	22.68 -1.18 0.00	22.65 -1.08 0.00	22.95 -1.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.69 -0.94 0.00	26.27 -0.79 0.00	25.23 -0.70 0.00	25.38 -0.73 0.00	25.53 -0.74 0.00	26.20 -0.71 0.00	29.38 -0.79 0.00	29.85 -0.88 0.00	34.83 -1.03 0.00	32.14 -0.98 0.00	29.05 -0.68 0.00	29.74 -0.67 0.00	27.76 -0.65 0.00	29.62 -0.75 0.00	32.56 -0.89 0.00	28.28 -0.77 0.00	31.56 -0.95 0.00	36.18 -0.91 0.00	42.36 -1.10 0.00	33.80 -0.88 0.00	24.80 -0.72 0.00	23.14 -0.72 0.00	23.06 -0.68 0.00	23.34 -0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.09 -1.55 0.00	25.76 -1.30 0.00	24.78 -1.16 0.00	24.94 -1.17 0.00	25.08 -1.18 0.00	25.74 -1.16 0.00	28.83 -1.33 0.00	29.22 -1.51 0.00	34.06 -1.79 0.00	31.41 -1.71 0.00	28.40 -1.33 0.00	29.11 -1.30 0.00	27.18 -1.23 0.00	29.00 -1.37 0.00	31.88 -1.57 0.00	27.64 -1.41 0.00	30.85 -1.66 0.00	35.43 -1.66 0.00	41.46 -2.00 0.00	33.06 -1.62 0.00	24.23 -1.28 0.00	22.63 -1.22 0.00	22.60 -1.15 0.00	22.89 -1.08 0.00

STA_56___34_KV_BUS2 355983	29.09 -1.55 0.00	25.76 -1.30 0.00	24.78 -1.16 0.00	24.94 -1.17 0.00	25.08 -1.18 0.00	25.74 -1.16 0.00	28.83 -1.33 0.00	29.22 -1.51 0.00	34.06 -1.79 0.00	31.41 -1.71 0.00	28.40 -1.33 0.00	29.11 -1.30 0.00	27.18 -1.23 0.00	29.00 -1.37 0.00	31.88 -1.57 0.00	27.64 -1.41 0.00	30.85 -1.66 0.00	35.43 -1.66 0.00	41.46 -2.00 0.00	33.06 -1.62 0.00	24.23 -1.28 0.00	22.63 -1.22 0.00	22.60 -1.15 0.00	22.89 -1.08 0.00
STA_67___115KV_BK2 355882	29.12 -1.52 0.00	25.79 -1.27 0.00	24.82 -1.11 0.00	24.98 -1.13 0.00	25.12 -1.14 0.00	25.78 -1.13 0.00	28.87 -1.30 0.00	29.24 -1.50 0.00	34.07 -1.79 0.00	31.40 -1.72 0.00	28.39 -1.34 0.00	29.11 -1.31 0.00	27.17 -1.24 0.00	28.99 -1.38 0.00	31.86 -1.58 0.00	27.63 -1.43 0.00	30.82 -1.69 0.00	35.41 -1.68 0.00	41.45 -2.02 0.00	33.04 -1.64 0.00	24.21 -1.30 0.00	22.63 -1.23 0.00	22.60 -1.14 0.00	22.91 -1.06 0.00
STA_7___115KV_9TRANS 80674	29.31 -1.33 0.00	25.96 -1.10 0.00	24.97 -0.96 0.00	25.13 -0.98 0.00	25.27 -0.99 0.00	25.94 -0.97 0.00	29.05 -1.11 0.00	29.44 -1.30 0.00	34.31 -1.54 0.00	31.63 -1.48 0.00	28.61 -1.12 0.00	29.33 -1.08 0.00	27.39 -1.02 0.00	29.22 -1.15 0.00	32.12 -1.33 0.00	27.84 -1.22 0.00	31.07 -1.44 0.00	35.72 -1.37 0.00	41.80 -1.66 0.00	33.32 -1.37 0.00	24.41 -1.10 0.00	22.80 -1.05 0.00	22.77 -0.96 0.00	23.06 -0.91 0.00
STA_82___115KV_TB1 80780	29.13 -1.51 0.00	25.81 -1.25 0.00	24.83 -1.10 0.00	24.99 -1.12 0.00	25.13 -1.13 0.00	25.80 -1.10 0.00	28.88 -1.29 0.00	29.25 -1.48 0.00	34.09 -1.77 0.00	31.42 -1.70 0.00	28.41 -1.32 0.00	29.12 -1.29 0.00	27.19 -1.22 0.00	29.01 -1.35 0.00	31.88 -1.57 0.00	27.64 -1.41 0.00	30.83 -1.68 0.00	35.43 -1.66 0.00	41.46 -2.00 0.00	33.07 -1.62 0.00	24.24 -1.28 0.00	22.64 -1.22 0.00	22.62 -1.12 0.00	22.92 -1.05 0.00
STEEL___WIND 323596	28.60 -1.76 0.28	25.61 -1.45 0.00	24.69 -1.24 0.00	24.83 -1.27 0.00	25.00 -1.27 0.00	24.77 -1.24 0.90	28.39 -1.47 0.30	28.76 -1.82 0.15	33.67 -2.18 0.00	30.93 -2.19 0.00	28.11 -1.62 0.00	28.80 -1.62 0.00	26.87 -1.54 0.00	28.64 -1.72 0.00	31.43 -2.02 0.00	27.19 -1.86 0.00	30.20 -2.31 0.00	34.81 -2.27 0.00	40.76 -2.70 0.00	32.52 -2.17 0.00	23.79 -1.72 0.00	22.21 -1.64 0.00	22.30 -1.44 0.00	22.64 -1.33 0.00
STEPHTWN_115KV_BK_2 55603	31.47 0.83 0.00	27.81 0.75 0.00	26.66 0.73 0.00	26.79 0.69 0.00	26.95 0.69 0.00	27.64 0.74 0.00	31.07 0.91 0.00	31.61 0.87 0.00	36.80 0.95 0.00	34.05 0.93 0.00	30.43 0.70 0.00	31.10 0.69 0.00	29.02 0.61 0.00	31.05 0.69 0.00	34.26 0.82 0.00	29.74 0.69 0.00	33.42 0.91 0.00	38.17 1.09 0.00	44.63 1.17 0.00	35.65 0.96 0.00	26.20 0.68 0.00	24.51 0.65 0.00	24.30 0.56 0.00	24.47 0.50 0.00
STEBUBEN_REC_LFGE 323667	29.34 -1.30 0.00	25.97 -1.08 0.00	24.84 -1.10 0.00	24.96 -1.15 0.00	25.12 -1.14 0.00	25.82 -1.08 0.00	29.01 -1.15 0.00	29.60 -1.14 0.00	34.67 -1.18 0.00	32.07 -1.05 0.00	29.24 -0.49 0.00	29.74 -0.67 0.00	27.69 -0.72 0.00	29.53 -0.83 0.00	32.43 -1.02 0.00	28.17 -0.88 0.00	30.67 -1.84 0.00	35.03 -2.06 0.00	41.12 -2.34 0.00	32.85 -1.83 0.00	23.95 -1.57 0.00	22.30 -1.56 0.00	22.34 -1.40 0.00	22.63 -1.34 0.00
STILLWATER___SOLAR 323814	31.90 1.26 0.00	28.10 1.04 0.00	26.90 0.97 0.00	27.08 0.97 0.00	27.22 0.96 0.00	27.95 1.05 0.00	31.54 1.38 0.00	32.16 1.42 0.00	37.50 1.64 0.00	34.65 1.54 0.00	31.06 1.33 0.00	31.79 1.39 0.00	29.70 1.29 0.00	31.74 1.37 0.00	35.04 1.59 0.00	30.47 1.42 0.00	34.24 1.73 0.00	39.04 1.95 0.00	45.55 2.09 0.00	36.38 1.70 0.00	26.75 1.23 0.00	24.98 1.12 0.00	24.79 1.05 0.00	24.95 0.98 0.00
STONY___BROOK 24151	89.87 2.67 -56.57	29.24 2.18 0.00	27.79 1.86 0.00	28.07 1.96 0.00	28.30 2.04 0.00	28.86 1.96 0.00	32.40 2.24 0.00	33.24 2.50 0.00	47.09 2.94 -8.30	41.29 2.65 -5.53	97.18 2.37 -65.08	37.34 2.36 -4.57	37.16 2.17 -6.58	34.36 2.30 -1.69	37.31 2.52 -1.35	33.63 2.30 -2.28	38.59 2.66 -3.42	40.10 3.01 0.00	48.69 3.69 -1.53	72.07 2.97 -34.40	27.71 2.19 0.00	25.93 2.07 0.00	25.69 1.95 0.00	25.85 1.88 0.00
STURGEON_POOL_HYD 23609	32.11 1.48 0.00	28.23 1.18 0.00	26.94 1.01 0.00	27.09 0.99 0.00	27.31 1.04 0.00	27.94 1.04 0.00	31.40 1.23 0.00	32.05 1.32 0.00	37.45 1.60 0.00	34.63 1.52 0.00	30.94 1.21 0.00	31.60 1.19 0.00	29.49 1.08 0.00	31.50 1.14 0.00	34.70 1.25 0.00	30.23 1.18 0.00	33.96 1.45 0.00	38.82 1.73 0.00	45.42 1.95 0.00	36.27 1.58 0.00	26.71 1.20 0.00	24.98 1.12 0.00	24.81 1.08 0.00	24.98 1.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.85 1.22 0.00	28.04 0.98 0.00	26.79 0.86 0.00	26.94 0.83 0.00	27.15 0.88 0.00	27.78 0.88 0.00	31.22 1.05 0.00	31.88 1.14 0.00	37.20 1.35 0.00	34.37 1.25 0.00	30.73 1.00 0.00	31.41 1.00 0.00	29.33 0.93 0.00	31.33 0.97 0.00	34.52 1.07 0.00	30.05 1.00 0.00	33.74 1.24 0.00	38.55 1.46 0.00	45.12 1.66 0.00	36.02 1.33 0.00	26.51 0.99 0.00	24.80 0.94 0.00	24.63 0.89 0.00	24.81 0.84 0.00
SWANROAD_115KV_TB1 355699	27.77 -2.87 0.00	24.67 -2.39 0.00	23.87 -2.07 0.00	24.00 -2.10 0.00	24.17 -2.10 0.00	24.79 -2.11 0.00	27.61 -2.56 0.00	27.73 -3.00 0.00	32.23 -3.62 0.00	29.64 -3.48 0.00	26.92 -2.80 0.00	27.66 -2.75 0.00	25.82 -2.59 0.00	27.52 -2.84 0.00	30.14 -3.30 0.00	26.12 -2.93 0.00	29.00 -3.51 0.00	33.44 -3.65 0.00	39.10 -4.36 0.00	31.26 -3.43 0.00	22.87 -2.65 0.00	21.37 -2.49 0.00	21.47 -2.27 0.00	21.79 -2.18 0.00
SYNERGY___BIOGAS 323694	28.96 -1.49 0.19	25.85 -1.20 0.00	24.93 -1.00 0.00	25.06 -1.04 0.00	25.23 -1.03 0.00	25.31 -0.99 0.60	28.75 -1.21 0.20	29.14 -1.50 0.10	34.05 -1.80 0.00	31.39 -1.73 0.00	28.51 -1.22 0.00	29.22 -1.19 0.00	27.24 -1.17 0.00	29.04 -1.33 0.00	31.88 -1.57 0.00	27.64 -1.42 0.00	30.78 -1.73 0.00	35.48 -1.61 0.00	41.46 -2.00 0.00	33.09 -1.60 0.00	24.21 -1.31 0.00	22.58 -1.28 0.00	22.60 -1.14 0.00	22.89 -1.08 0.00
SYRACUSE___ENERGY_ST1 323597	30.04 -0.60 0.00	26.54 -0.52 0.00	25.46 -0.47 0.00	25.62 -0.48 0.00	25.75 -0.51 0.00	26.39 -0.51 0.00	29.61 -0.55 0.00	30.18 -0.56 0.00	35.22 -0.63 0.00	32.52 -0.59 0.00	29.25 -0.47 0.00	29.92 -0.49 0.00	27.94 -0.47 0.00	29.88 -0.49 0.00	32.90 -0.54 0.00	28.56 -0.49 0.00	31.95 -0.56 0.00	36.49 -0.59 0.00	42.73 -0.73 0.00	34.10 -0.58 0.00	25.11 -0.41 0.00	23.46 -0.40 0.00	23.35 -0.39 0.00	23.64 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	30.04 -0.60 0.00	26.54 -0.52 0.00	25.46 -0.47 0.00	25.62 -0.48 0.00	25.75 -0.51 0.00	26.39 -0.51 0.00	29.61 -0.55 0.00	30.18 -0.56 0.00	35.22 -0.63 0.00	32.52 -0.59 0.00	29.25 -0.47 0.00	29.92 -0.49 0.00	27.94 -0.47 0.00	29.88 -0.49 0.00	32.90 -0.54 0.00	28.56 -0.49 0.00	31.95 -0.56 0.00	36.49 -0.59 0.00	42.73 -0.73 0.00	34.10 -0.58 0.00	25.11 -0.41 0.00	23.46 -0.40 0.00	23.35 -0.39 0.00	23.64 -0.33 0.00

SYRACUSE___POWER 24017	30.03 -0.61 0.00	26.56 -0.50 0.00	25.48 -0.45 0.00	25.64 -0.47 0.00	25.78 -0.48 0.00	26.43 -0.47 0.00	29.66 -0.50 0.00	30.24 -0.50 0.00	35.28 -0.57 0.00	32.58 -0.54 0.00	29.31 -0.42 0.00	29.98 -0.43 0.00	27.98 -0.43 0.00	29.92 -0.44 0.00	32.95 -0.50 0.00	28.59 -0.47 0.00	31.95 -0.56 0.00	36.50 -0.59 0.00	42.74 -0.72 0.00	34.12 -0.57 0.00	25.13 -0.38 0.00	23.49 -0.37 0.00	23.38 -0.36 0.00	23.65 -0.31 0.00
TALLMAN___138KV_BK151 55660	31.95 1.32 0.00	28.13 1.07 0.00	26.86 0.93 0.00	27.01 0.90 0.00	27.23 0.97 0.00	27.87 0.96 0.00	31.29 1.13 0.00	31.95 1.21 0.00	37.26 1.41 0.00	34.43 1.31 0.00	30.77 1.04 0.00	31.45 1.04 0.00	29.38 0.97 0.00	31.38 1.01 0.00	34.57 1.12 0.00	30.09 1.04 0.00	33.81 1.30 0.00	38.61 1.52 0.00	45.22 1.76 0.00	36.13 1.45 0.00	26.60 1.09 0.00	24.89 1.03 0.00	24.73 0.99 0.00	24.90 0.94 0.00
TEALLAVE_115KV_TB7 355573	29.82 -0.82 0.00	26.39 -0.67 0.00	25.33 -0.60 0.00	25.49 -0.62 0.00	25.63 -0.63 0.00	26.28 -0.62 0.00	29.47 -0.69 0.00	30.03 -0.70 0.00	35.04 -0.81 0.00	32.37 -0.75 0.00	29.11 -0.62 0.00	29.78 -0.63 0.00	27.81 -0.60 0.00	29.72 -0.64 0.00	32.72 -0.73 0.00	28.38 -0.67 0.00	31.70 -0.81 0.00	36.22 -0.87 0.00	42.41 -1.06 0.00	33.86 -0.82 0.00	24.96 -0.56 0.00	23.33 -0.53 0.00	23.22 -0.51 0.00	23.51 -0.46 0.00
TELGRAPH_34_KV_EAST 80808	28.63 -2.01 0.00	25.40 -1.66 0.00	24.52 -1.41 0.00	24.67 -1.43 0.00	24.82 -1.44 0.00	25.49 -1.41 0.00	28.44 -1.72 0.00	28.66 -2.08 0.00	33.35 -2.50 0.00	30.70 -2.41 0.00	27.88 -1.85 0.00	28.61 -1.80 0.00	26.70 -1.71 0.00	28.45 -1.91 0.00	31.22 -2.23 0.00	27.04 -2.01 0.00	30.08 -2.43 0.00	34.67 -2.42 0.00	40.53 -2.93 0.00	32.35 -2.33 0.00	23.66 -1.86 0.00	22.09 -1.77 0.00	22.15 -1.59 0.00	22.46 -1.51 0.00
TEMPLE___115KV_TB 2 55572	29.84 -0.80 0.00	26.40 -0.65 0.00	25.34 -0.59 0.00	25.50 -0.61 0.00	25.64 -0.62 0.00	26.29 -0.62 0.00	29.49 -0.67 0.00	30.05 -0.68 0.00	35.06 -0.79 0.00	32.38 -0.74 0.00	29.13 -0.60 0.00	29.79 -0.62 0.00	27.81 -0.60 0.00	29.73 -0.64 0.00	32.74 -0.70 0.00	28.39 -0.66 0.00	31.72 -0.79 0.00	36.24 -0.85 0.00	42.43 -1.04 0.00	33.88 -0.80 0.00	24.97 -0.55 0.00	23.34 -0.51 0.00	23.24 -0.50 0.00	23.52 -0.45 0.00
TIANA____69_KV_BK 1 55817	90.30 3.09 -56.57	29.62 2.56 0.00	28.23 2.30 0.00	28.51 2.41 0.00	28.76 2.50 0.00	29.34 2.44 0.00	32.93 2.76 0.00	33.77 3.03 0.00	47.70 3.55 -8.30	41.73 3.09 -5.53	97.59 2.78 -65.08	37.78 2.80 -4.57	37.51 2.53 -6.58	34.75 2.70 -1.69	37.77 2.97 -1.35	34.05 2.72 -2.28	39.07 3.14 -3.42	40.71 3.63 0.00	49.34 4.35 -1.53	72.58 3.50 -34.40	28.09 2.57 0.00	26.32 2.47 0.00	26.06 2.32 0.00	26.20 2.23 0.00
TILDEN___115KV_TB1 80814	30.03 -0.61 0.00	26.56 -0.50 0.00	25.48 -0.45 0.00	25.64 -0.47 0.00	25.78 -0.48 0.00	26.43 -0.47 0.00	29.66 -0.50 0.00	30.24 -0.50 0.00	35.28 -0.57 0.00	32.58 -0.54 0.00	29.31 -0.42 0.00	29.98 -0.43 0.00	27.98 -0.43 0.00	29.92 -0.44 0.00	32.95 -0.50 0.00	28.59 -0.47 0.00	31.95 -0.56 0.00	36.50 -0.59 0.00	42.74 -0.72 0.00	34.12 -0.57 0.00	25.13 -0.38 0.00	23.49 -0.37 0.00	23.38 -0.36 0.00	23.65 -0.31 0.00
TRIGEN___CC 323695	89.18 1.97 -56.57	28.67 1.62 0.00	27.31 1.38 0.00	27.50 1.40 0.00	27.73 1.46 0.00	28.32 1.41 0.00	31.81 1.65 0.00	32.54 1.81 0.00	46.29 2.14 -8.30	40.67 2.03 -5.53	96.51 1.70 -65.08	36.71 1.73 -4.57	36.57 1.59 -6.58	33.72 1.67 -1.69	36.62 1.83 -1.35	33.00 1.68 -2.28	37.88 1.94 -3.42	39.32 2.23 0.00	47.60 2.62 -1.53	71.25 2.17 -34.40	27.15 1.63 0.00	25.38 1.53 0.00	25.20 1.47 0.00	25.36 1.39 0.00
TRINITY___115KV___4 BK 55933	31.15 0.51 0.00	27.52 0.47 0.00	26.36 0.43 0.00	26.52 0.41 0.00	26.67 0.41 0.00	27.32 0.42 0.00	30.62 0.45 0.00	31.14 0.41 0.00	36.26 0.41 0.00	33.54 0.42 0.00	30.00 0.28 0.00	30.67 0.26 0.00	28.64 0.23 0.00	30.63 0.27 0.00	33.80 0.36 0.00	29.39 0.34 0.00	32.99 0.48 0.00	37.63 0.54 0.00	43.98 0.52 0.00	35.14 0.45 0.00	25.85 0.33 0.00	24.19 0.33 0.00	24.02 0.28 0.00	24.19 0.22 0.00
UNION___PROCESSING_DRP 323587	29.14 -1.50 0.00	25.81 -1.24 0.00	24.84 -1.09 0.00	25.00 -1.11 0.00	25.15 -1.11 0.00	25.81 -1.10 0.00	28.89 -1.27 0.00	29.26 -1.47 0.00	34.10 -1.75 0.00	31.43 -1.69 0.00	28.42 -1.31 0.00	29.14 -1.27 0.00	27.20 -1.21 0.00	29.02 -1.35 0.00	31.90 -1.55 0.00	27.65 -1.40 0.00	30.85 -1.66 0.00	35.44 -1.64 0.00	41.49 -1.97 0.00	33.08 -1.61 0.00	24.24 -1.28 0.00	22.65 -1.21 0.00	22.62 -1.12 0.00	22.93 -1.04 0.00
UPPER HUDSON___HYD 24058	31.62 0.98 0.00	27.85 0.79 0.00	26.65 0.72 0.00	26.84 0.74 0.00	26.97 0.71 0.00	27.81 0.91 0.00	31.74 1.58 0.00	32.41 1.67 0.00	37.83 1.98 0.00	34.98 1.86 0.00	31.41 1.68 0.00	32.27 1.86 0.00	30.18 1.77 0.00	32.14 1.78 0.00	35.48 2.03 0.00	30.91 1.86 0.00	34.78 2.27 0.00	39.61 2.52 0.00	46.07 2.61 0.00	36.81 2.12 0.00	27.05 1.54 0.00	25.23 1.37 0.00	25.01 1.28 0.00	25.14 1.17 0.00
UPPER RAQUET___HYD 24056	30.76 0.13 0.00	27.19 0.13 0.00	26.08 0.15 0.00	26.31 0.21 0.00	26.45 0.19 0.00	27.05 0.15 0.00	30.23 0.07 0.00	30.82 0.08 0.00	35.96 0.10 0.00	33.20 0.08 0.00	29.89 0.16 0.00	30.61 0.20 0.00	28.63 0.22 0.00	30.59 0.22 0.00	33.65 0.21 0.00	29.21 0.16 0.00	32.63 0.12 0.00	37.18 0.09 0.00	43.60 0.14 0.00	34.73 0.04 0.00	25.53 0.01 0.00	23.85 0.00 0.00	23.73 0.00 0.00	23.84 -0.13 0.00
VALLEY44_115KV_TB2 355964	29.79 -0.85 0.00	26.42 -0.64 0.00	25.39 -0.54 0.00	25.54 -0.56 0.00	25.74 -0.53 0.00	26.44 -0.46 0.00	29.62 -0.55 0.00	29.98 -0.76 0.00	34.94 -0.91 0.00	32.02 -1.10 0.00	28.91 -0.83 0.00	29.55 -0.86 0.00	27.59 -0.81 0.00	29.39 -0.98 0.00	32.28 -1.17 0.00	27.94 -1.12 0.00	31.06 -1.46 0.00	35.75 -1.34 0.00	41.93 -1.53 0.00	33.43 -1.25 0.00	24.51 -1.01 0.00	22.98 -0.87 0.00	23.14 -0.60 0.00	23.43 -0.54 0.00
VALLEY___115KV_TB 1-4 80826	30.71 0.07 0.00	27.04 -0.01 0.00	25.84 -0.08 0.00	26.03 -0.08 0.00	26.23 -0.03 0.00	26.87 -0.03 0.00	30.26 0.09 0.00	30.89 0.15 0.00	36.01 0.16 0.00	33.31 0.20 0.00	29.87 0.14 0.00	30.56 0.15 0.00	28.56 0.15 0.00	30.56 0.19 0.00	33.75 0.31 0.00	29.31 0.26 0.00	32.80 0.29 0.00	37.17 0.08 0.00	43.75 0.29 0.00	34.88 0.20 0.00	25.66 0.14 0.00	24.00 0.15 0.00	23.79 0.05 0.00	23.98 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.95 1.32 0.00	28.18 1.13 0.00	27.00 1.06 0.00	27.15 1.05 0.00	27.34 1.08 0.00	28.02 1.12 0.00	31.42 1.26 0.00	32.02 1.28 0.00	37.37 1.52 0.00	34.55 1.43 0.00	30.99 1.26 0.00	31.67 1.26 0.00	29.57 1.16 0.00	31.57 1.21 0.00	34.75 1.31 0.00	30.18 1.13 0.00	33.78 1.27 0.00	38.59 1.50 0.00	45.25 1.79 0.00	36.08 1.39 0.00	26.50 0.99 0.00	24.77 0.91 0.00	24.63 0.89 0.00	24.81 0.84 0.00

VISCHER___FERRY HYD 24020	31.65 1.01 0.00	27.89 0.83 0.00	26.71 0.78 0.00	26.88 0.78 0.00	27.01 0.75 0.00	27.70 0.79 0.00	31.13 0.96 0.00	31.68 0.94 0.00	36.91 1.06 0.00	34.11 0.99 0.00	30.53 0.80 0.00	31.20 0.79 0.00	29.15 0.73 0.00	31.18 0.81 0.00	34.42 0.97 0.00	29.94 0.88 0.00	33.61 1.10 0.00	38.33 1.24 0.00	44.76 1.30 0.00	35.77 1.09 0.00	26.32 0.80 0.00	24.60 0.74 0.00	24.42 0.69 0.00	24.60 0.63 0.00
V_A_10_SYNC_DSASP 323832	28.08 -2.36 0.20	25.10 -1.96 0.00	24.21 -1.72 0.00	24.36 -1.75 0.00	24.51 -1.76 0.00	24.53 -1.74 0.63	27.89 -2.06 0.21	28.24 -2.39 0.11	32.98 -2.87 0.00	30.34 -2.78 0.00	27.50 -2.23 0.00	28.20 -2.21 0.00	26.32 -2.09 0.00	28.07 -2.30 0.00	30.81 -2.64 0.00	26.68 -2.37 0.00	29.66 -2.85 0.00	34.15 -2.94 0.00	39.96 -3.50 0.00	31.89 -2.79 0.00	23.36 -2.16 0.00	21.83 -2.03 0.00	21.89 -1.85 0.00	22.23 -1.74 0.00
V_CMM_10_SYNC_DSASP 323787	31.01 0.37 0.00	27.42 0.36 0.00	26.32 0.39 0.00	26.56 0.45 0.00	26.71 0.45 0.00	27.31 0.41 0.00	30.54 0.37 0.00	31.11 0.38 0.00	36.31 0.46 0.00	33.50 0.38 0.00	30.13 0.40 0.00	30.85 0.43 0.00	28.85 0.44 0.00	30.82 0.46 0.00	33.92 0.47 0.00	29.43 0.38 0.00	32.85 0.33 0.00	37.46 0.37 0.00	44.00 0.54 0.00	35.11 0.42 0.00	25.79 0.27 0.00	24.10 0.24 0.00	24.01 0.27 0.00	24.21 0.24 0.00
V_CMP_10_SYNC_DSASP 323788	32.01 1.37 0.00	28.30 1.25 0.00	27.17 1.24 0.00	27.46 1.35 0.00	27.61 1.35 0.00	28.21 1.31 0.00	31.60 1.44 0.00	32.21 1.47 0.00	37.58 1.73 0.00	34.62 1.50 0.00	31.12 1.39 0.00	31.86 1.45 0.00	29.84 1.44 0.00	31.97 1.60 0.00	35.25 1.81 0.00	30.61 1.56 0.00	34.18 1.67 0.00	38.92 1.83 0.00	45.50 2.03 0.00	36.38 1.69 0.00	26.74 1.23 0.00	24.96 1.11 0.00	24.81 1.08 0.00	24.95 0.98 0.00
V_D_10_SYNC_DSASP 323841	31.24 0.60 0.00	27.62 0.57 0.00	26.51 0.58 0.00	26.75 0.64 0.00	26.90 0.63 0.00	27.51 0.60 0.00	30.76 0.60 0.00	31.34 0.60 0.00	36.56 0.71 0.00	33.73 0.62 0.00	30.35 0.62 0.00	31.07 0.66 0.00	29.05 0.65 0.00	31.04 0.68 0.00	34.16 0.71 0.00	29.65 0.60 0.00	33.09 0.58 0.00	37.73 0.64 0.00	44.32 0.86 0.00	35.35 0.66 0.00	25.96 0.45 0.00	24.26 0.41 0.00	24.17 0.43 0.00	24.36 0.39 0.00
V_E_10_SYNC_DSASP 323830	32.23 1.54 -0.06	28.34 1.28 0.00	27.20 1.27 0.00	27.39 1.29 0.00	27.62 1.36 0.00	28.57 1.48 -0.19	32.18 1.95 -0.06	32.88 2.11 -0.03	38.33 2.48 0.00	35.47 2.35 0.00	31.88 2.15 0.00	32.63 2.23 0.00	30.54 2.13 0.00	32.68 2.32 0.00	35.98 2.53 0.00	30.95 1.89 0.00	34.72 2.21 0.00	39.43 2.35 0.00	46.34 2.88 0.00	37.06 2.38 0.00	26.98 1.47 0.00	25.23 1.38 0.00	25.13 1.39 0.00	25.24 1.28 0.00
V_F_30_NSYNC___DSASP 323816	31.93 1.29 0.00	28.13 1.07 0.00	26.93 0.99 0.00	27.11 1.01 0.00	27.25 0.99 0.00	27.98 1.08 0.00	31.58 1.42 0.00	32.20 1.46 0.00	37.56 1.71 0.00	34.70 1.58 0.00	31.12 1.38 0.00	31.85 1.44 0.00	29.74 1.34 0.00	31.78 1.41 0.00	35.07 1.63 0.00	30.51 1.46 0.00	34.28 1.77 0.00	39.08 2.00 0.00	45.61 2.15 0.00	36.43 1.75 0.00	26.79 1.28 0.00	25.02 1.17 0.00	24.82 1.08 0.00	24.99 1.02 0.00
V_F_30_SYNC_DSASP 323786	31.25 0.61 0.00	27.61 0.55 0.00	26.44 0.51 0.00	26.60 0.50 0.00	26.75 0.49 0.00	27.41 0.51 0.00	30.72 0.56 0.00	31.25 0.52 0.00	36.40 0.55 0.00	33.68 0.56 0.00	30.14 0.40 0.00	30.80 0.39 0.00	28.77 0.36 0.00	30.76 0.40 0.00	33.94 0.50 0.00	29.52 0.47 0.00	33.13 0.62 0.00	37.79 0.71 0.00	44.18 0.71 0.00	35.29 0.61 0.00	25.96 0.44 0.00	24.28 0.42 0.00	24.11 0.37 0.00	24.28 0.31 0.00
V_XM_10_SYNC_DSASP 323789	32.01 1.37 0.00	28.30 1.25 0.00	27.17 1.24 0.00	27.46 1.35 0.00	27.61 1.35 0.00	28.21 1.31 0.00	31.60 1.44 0.00	32.21 1.47 0.00	37.58 1.73 0.00	34.62 1.50 0.00	31.12 1.39 0.00	31.86 1.45 0.00	29.84 1.44 0.00	31.97 1.60 0.00	35.25 1.81 0.00	30.61 1.56 0.00	34.18 1.67 0.00	38.92 1.83 0.00	45.50 2.03 0.00	36.38 1.69 0.00	26.74 1.23 0.00	24.96 1.11 0.00	24.81 1.08 0.00	24.95 0.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.07 1.43 0.00	28.22 1.17 0.00	26.95 1.02 0.00	27.10 0.99 0.00	27.31 1.05 0.00	27.96 1.05 0.00	31.40 1.23 0.00	32.06 1.32 0.00	37.40 1.55 0.00	34.56 1.44 0.00	30.89 1.16 0.00	31.57 1.16 0.00	29.48 1.08 0.00	31.49 1.13 0.00	34.69 1.24 0.00	30.21 1.15 0.00	33.93 1.42 0.00	38.77 1.68 0.00	45.39 1.93 0.00	36.27 1.58 0.00	26.71 1.19 0.00	24.98 1.12 0.00	24.81 1.08 0.00	24.98 1.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.19 1.55 0.00	28.30 1.25 0.00	26.99 1.06 0.00	27.12 1.02 0.00	27.34 1.08 0.00	28.03 1.12 0.00	31.44 1.28 0.00	32.12 1.38 0.00	37.48 1.63 0.00	34.69 1.57 0.00	31.00 1.27 0.00	31.67 1.26 0.00	29.56 1.16 0.00	31.56 1.19 0.00	34.76 1.32 0.00	30.29 1.24 0.00	34.00 1.49 0.00	38.81 1.73 0.00	45.44 1.98 0.00	36.37 1.68 0.00	26.80 1.28 0.00	25.10 1.25 0.00	24.92 1.18 0.00	25.05 1.09 0.00
W50THST__13_KV_LOAD 356117	32.39 1.75 0.00	28.48 1.43 0.00	27.15 1.22 0.00	27.28 1.17 0.00	27.50 1.24 0.00	28.19 1.29 0.00	31.64 1.47 0.00	32.32 1.58 0.00	37.74 1.89 0.00	34.93 1.81 0.00	31.22 1.49 0.00	31.91 1.50 0.00	29.78 1.37 0.00	31.79 1.42 0.00	35.02 1.57 0.00	30.51 1.46 0.00	34.25 1.74 0.00	39.09 2.00 0.00	45.75 2.29 0.00	36.60 1.92 0.00	27.01 1.49 0.00	25.31 1.45 0.00	25.13 1.39 0.00	25.24 1.28 0.00
WADING RIVER_IC_1 23522	90.00 2.79 -56.57	29.37 2.31 0.00	28.02 2.08 0.00	28.30 2.19 0.00	28.54 2.28 0.00	29.11 2.20 0.00	32.66 2.49 0.00	33.49 2.75 0.00	47.37 3.21 -8.30	41.40 2.76 -5.53	97.34 2.53 -65.08	37.54 2.56 -4.57	37.27 2.28 -6.58	34.48 2.43 -1.69	37.46 2.66 -1.35	33.77 2.45 -2.28	38.75 2.82 -3.42	40.34 3.25 0.00	48.90 3.91 -1.53	72.25 3.16 -34.40	27.84 2.33 0.00	26.13 2.27 0.00	25.87 2.14 0.00	26.02 2.05 0.00
WADING RIVER_IC_2 23547	90.00 2.79 -56.57	29.37 2.31 0.00	28.02 2.08 0.00	28.30 2.19 0.00	28.54 2.28 0.00	29.11 2.20 0.00	32.66 2.49 0.00	33.49 2.75 0.00	47.37 3.21 -8.30	41.40 2.76 -5.53	97.34 2.53 -65.08	37.54 2.56 -4.57	37.27 2.28 -6.58	34.48 2.43 -1.69	37.46 2.66 -1.35	33.77 2.45 -2.28	38.75 2.82 -3.42	40.34 3.25 0.00	48.90 3.91 -1.53	72.25 3.16 -34.40	27.84 2.33 0.00	26.13 2.27 0.00	25.87 2.14 0.00	26.02 2.05 0.00
WADING RIVER_IC_3 23601	90.00 2.79 -56.57	29.37 2.31 0.00	28.02 2.08 0.00	28.30 2.19 0.00	28.54 2.28 0.00	29.11 2.20 0.00	32.66 2.49 0.00	33.49 2.75 0.00	47.37 3.21 -8.30	41.40 2.76 -5.53	97.34 2.53 -65.08	37.54 2.56 -4.57	37.27 2.28 -6.58	34.48 2.43 -1.69	37.46 2.66 -1.35	33.77 2.45 -2.28	38.75 2.82 -3.42	40.34 3.25 0.00	48.90 3.91 -1.53	72.25 3.16 -34.40	27.84 2.33 0.00	26.13 2.27 0.00	25.87 2.14 0.00	26.02 2.05 0.00



WALDENNY_12_KV_BK2 80841	28.84 -1.80 0.00	25.57 -1.48 0.00	24.67 -1.26 0.00	24.81 -1.30 0.00	24.97 -1.30 0.00	25.64 -1.27 0.00	28.65 -1.52 0.00	28.87 -1.87 0.00	33.60 -2.26 0.00	30.89 -2.23 0.00	28.07 -1.66 0.00	28.76 -1.65 0.00	26.85 -1.56 0.00	28.62 -1.74 0.00	31.40 -2.04 0.00	27.19 -1.87 0.00	30.18 -2.33 0.00	34.81 -2.28 0.00	40.74 -2.73 0.00	32.50 -2.18 0.00	23.77 -1.74 0.00	22.20 -1.65 0.00	22.29 -1.45 0.00	22.62 -1.35 0.00
WALDEN___HYDRO 24148	32.20 1.57 0.00	28.34 1.29 0.00	27.06 1.12 0.00	27.21 1.10 0.00	27.41 1.15 0.00	28.07 1.16 0.00	31.54 1.38 0.00	32.22 1.48 0.00	37.62 1.76 0.00	34.78 1.66 0.00	31.10 1.37 0.00	31.78 1.38 0.00	29.67 1.26 0.00	31.75 1.38 0.00	34.88 1.43 0.00	30.46 1.41 0.00	34.20 1.68 0.00	39.15 2.06 0.00	45.82 2.36 0.00	36.56 1.87 0.00	26.91 1.39 0.00	25.15 1.29 0.00	24.97 1.23 0.00	25.09 1.12 0.00
WARRENSBURG___ 23737	31.62 0.98 0.00	27.85 0.79 0.00	26.65 0.72 0.00	26.84 0.74 0.00	26.97 0.71 0.00	27.81 0.91 0.00	31.74 1.58 0.00	32.41 1.67 0.00	37.83 1.98 0.00	34.98 1.86 0.00	31.41 1.68 0.00	32.27 1.86 0.00	30.18 1.77 0.00	32.14 1.78 0.00	35.48 2.03 0.00	30.91 1.86 0.00	34.78 2.27 0.00	39.61 2.52 0.00	46.07 2.61 0.00	36.81 2.12 0.00	27.05 1.54 0.00	25.23 1.37 0.00	25.01 1.28 0.00	25.14 1.17 0.00
WATERSIDE___6 8 9 23538	32.25 1.61 0.00	28.38 1.32 0.00	27.06 1.13 0.00	27.18 1.08 0.00	27.39 1.12 0.00	28.07 1.16 0.00	31.49 1.32 0.00	32.16 1.42 0.00	37.53 1.68 0.00	34.75 1.63 0.00	31.06 1.32 0.00	31.73 1.32 0.00	29.62 1.21 0.00	31.61 1.25 0.00	34.83 1.38 0.00	30.35 1.30 0.00	34.04 1.53 0.00	38.88 1.79 0.00	45.51 2.05 0.00	36.44 1.75 0.00	26.82 1.31 0.00	25.13 1.27 0.00	24.95 1.21 0.00	25.08 1.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.82 0.18 0.00	27.16 0.11 0.00	25.97 0.04 0.00	26.13 0.03 0.00	26.31 0.05 0.00	26.97 0.07 0.00	30.33 0.16 0.00	30.94 0.21 0.00	36.09 0.24 0.00	33.37 0.25 0.00	29.93 0.20 0.00	30.60 0.18 0.00	28.59 0.17 0.00	30.57 0.20 0.00	33.73 0.29 0.00	29.31 0.26 0.00	32.85 0.33 0.00	37.39 0.30 0.00	43.84 0.38 0.00	34.97 0.28 0.00	25.72 0.20 0.00	24.04 0.18 0.00	23.87 0.13 0.00	24.05 0.08 0.00
WATSON___69_KV_BK 1 55734	90.12 2.91 -56.57	29.45 2.40 0.00	28.01 2.08 0.00	28.28 2.17 0.00	28.52 2.26 0.00	29.09 2.18 0.00	32.67 2.50 0.00	33.48 2.75 0.00	47.39 3.24 -8.30	41.59 2.94 -5.53	97.46 2.65 -65.08	37.62 2.64 -4.57	37.41 2.43 -6.58	34.61 2.55 -1.69	37.59 2.79 -1.35	33.88 2.55 -2.28	38.87 2.94 -3.42	40.49 3.41 0.00	49.08 4.09 -1.53	72.38 3.29 -34.40	27.94 2.43 0.00	26.13 2.28 0.00	25.90 2.16 0.00	26.06 2.09 0.00
WDELAWARE___HYD 323627	32.45 1.81 0.00	28.50 1.44 0.00	27.20 1.27 0.00	27.37 1.26 0.00	27.57 1.31 0.00	28.24 1.34 0.00	31.76 1.59 0.00	32.46 1.72 0.00	37.92 2.07 0.00	35.05 1.94 0.00	31.33 1.61 0.00	32.01 1.60 0.00	29.86 1.45 0.00	31.88 1.52 0.00	35.11 1.67 0.00	30.60 1.55 0.00	34.41 1.90 0.00	39.35 2.26 0.00	46.04 2.58 0.00	36.72 2.03 0.00	27.02 1.50 0.00	25.25 1.39 0.00	25.07 1.33 0.00	25.21 1.24 0.00
WEST BABYLON___IC 23714	89.94 2.73 -56.57	29.30 2.25 0.00	27.87 1.94 0.00	28.12 2.01 0.00	28.36 2.09 0.00	28.92 2.02 0.00	32.49 2.33 0.00	33.30 2.56 0.00	47.16 3.01 -8.30	41.44 2.79 -5.53	97.28 2.47 -65.08	37.46 2.48 -4.57	37.27 2.28 -6.58	34.44 2.39 -1.69	37.40 2.61 -1.35	33.72 2.39 -2.28	38.70 2.77 -3.42	40.29 3.20 0.00	48.81 3.82 -1.53	72.17 3.08 -34.40	27.80 2.28 0.00	25.99 2.13 0.00	25.78 2.04 0.00	25.93 1.97 0.00
WEST CANADA___HYD 24049	30.69 0.05 0.00	27.08 0.03 0.00	25.93 0.00 0.00	26.11 0.00 0.00	26.26 0.00 0.00	26.91 0.01 0.00	30.21 0.04 0.00	30.79 0.05 0.00	35.92 0.07 0.00	33.19 0.07 0.00	29.77 0.04 0.00	30.46 0.05 0.00	28.45 0.05 0.00	30.42 0.06 0.00	33.51 0.07 0.00	29.12 0.07 0.00	32.63 0.11 0.00	37.20 0.11 0.00	43.55 0.08 0.00	34.75 0.06 0.00	25.57 0.05 0.00	23.90 0.05 0.00	23.76 0.02 0.00	23.98 0.01 0.00
WESTERN_NY_WIND 24143	29.10 -1.53 0.00	25.81 -1.25 0.00	24.89 -1.04 0.00	25.03 -1.07 0.00	25.19 -1.07 0.00	25.87 -1.03 0.00	28.90 -1.26 0.00	29.18 -1.56 0.00	33.98 -1.87 0.00	31.31 -1.80 0.00	28.42 -1.31 0.00	29.15 -1.25 0.00	27.19 -1.22 0.00	28.98 -1.38 0.00	31.81 -1.63 0.00	27.58 -1.47 0.00	30.71 -1.80 0.00	35.40 -1.69 0.00	41.38 -2.08 0.00	33.02 -1.66 0.00	24.14 -1.38 0.00	22.53 -1.33 0.00	22.56 -1.18 0.00	22.85 -1.12 0.00
WESTOVER___LESR 323668	30.34 -0.30 0.00	26.77 -0.28 0.00	25.64 -0.29 0.00	25.79 -0.31 0.00	25.98 -0.28 0.00	26.61 -0.29 0.00	29.89 -0.27 0.00	30.45 -0.28 0.00	35.56 -0.29 0.00	32.79 -0.33 0.00	29.55 -0.18 0.00	30.19 -0.22 0.00	28.21 -0.20 0.00	30.12 -0.24 0.00	33.15 -0.30 0.00	28.79 -0.26 0.00	32.13 -0.38 0.00	36.73 -0.36 0.00	43.07 -0.40 0.00	34.33 -0.35 0.00	25.27 -0.25 0.00	23.61 -0.25 0.00	23.53 -0.21 0.00	23.76 -0.21 0.00
WETHRSFD_WT_PWR 323626	28.72 -1.84 0.08	25.51 -1.54 0.00	24.56 -1.37 0.00	24.69 -1.41 0.00	24.83 -1.44 0.00	25.23 -1.42 0.25	28.45 -1.63 0.08	28.85 -1.85 0.04	33.73 -2.12 0.00	31.09 -2.03 0.00	28.25 -1.48 0.00	28.73 -1.68 0.00	26.81 -1.60 0.00	28.62 -1.75 0.00	31.46 -1.99 0.00	27.25 -1.80 0.00	30.08 -2.43 0.00	34.56 -2.53 0.00	40.49 -2.97 0.00	32.30 -2.39 0.00	23.62 -1.90 0.00	22.04 -1.82 0.00	22.12 -1.62 0.00	22.44 -1.53 0.00
WHAVSTOR_138KV_BK127 55557	31.94 1.31 0.00	28.12 1.06 0.00	26.85 0.92 0.00	26.99 0.89 0.00	27.21 0.95 0.00	27.85 0.95 0.00	31.27 1.11 0.00	31.93 1.19 0.00	37.25 1.40 0.00	34.41 1.29 0.00	30.75 1.02 0.00	31.43 1.02 0.00	29.36 0.95 0.00	31.36 0.99 0.00	34.55 1.10 0.00	30.08 1.03 0.00	33.79 1.28 0.00	38.59 1.50 0.00	45.18 1.72 0.00	36.11 1.42 0.00	26.58 1.07 0.00	24.87 1.01 0.00	24.71 0.97 0.00	24.88 0.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.94 1.31 0.00	28.12 1.06 0.00	26.85 0.92 0.00	26.99 0.89 0.00	27.21 0.95 0.00	27.85 0.95 0.00	31.27 1.11 0.00	31.93 1.19 0.00	37.25 1.40 0.00	34.41 1.29 0.00	30.75 1.02 0.00	31.43 1.02 0.00	29.36 0.95 0.00	31.36 0.99 0.00	34.55 1.10 0.00	30.08 1.03 0.00	33.79 1.28 0.00	38.59 1.50 0.00	45.18 1.72 0.00	36.11 1.42 0.00	26.58 1.07 0.00	24.87 1.01 0.00	24.71 0.97 0.00	24.88 0.91 0.00
WHITEHAL_115KV_TB1 80871	32.56 1.93 0.00	28.67 1.62 0.00	27.47 1.54 0.00	27.70 1.59 0.00	27.79 1.52 0.00	28.46 1.56 0.00	32.10 1.94 0.00	32.89 2.15 0.00	38.36 2.51 0.00	35.47 2.35 0.00	31.81 2.08 0.00	32.64 2.23 0.00	30.74 2.33 0.00	32.98 2.62 0.00	36.64 3.20 0.00	31.95 2.90 0.00	36.02 3.51 0.00	40.79 3.70 0.00	46.83 3.37 0.00	37.54 2.86 0.00	27.60 2.09 0.00	25.70 1.84 0.00	25.48 1.74 0.00	25.60 1.63 0.00

WHITEPLN_13_KV_LOAD 356215	32.38 1.74 0.00	28.48 1.42 0.00	27.17 1.24 0.00	27.32 1.22 0.00	27.53 1.27 0.00	28.19 1.29 0.00	31.67 1.50 0.00	32.35 1.61 0.00	37.77 1.92 0.00	34.94 1.82 0.00	31.23 1.50 0.00	31.91 1.50 0.00	29.80 1.39 0.00	31.81 1.45 0.00	35.06 1.61 0.00	30.53 1.48 0.00	34.30 1.79 0.00	39.18 2.09 0.00	45.85 2.39 0.00	36.65 1.96 0.00	26.99 1.47 0.00	25.24 1.38 0.00	25.05 1.31 0.00	25.19 1.22 0.00
WM_FLOYD_69_KV_BK2 356380	90.03 2.83 -56.57	29.38 2.33 0.00	27.99 2.06 0.00	28.26 2.16 0.00	28.51 2.25 0.00	29.08 2.17 0.00	32.62 2.45 0.00	33.44 2.71 0.00	47.32 3.17 -8.30	41.41 2.77 -5.53	97.31 2.50 -65.08	37.52 2.54 -4.57	37.29 2.31 -6.58	34.50 2.45 -1.69	37.49 2.69 -1.35	33.79 2.46 -2.28	38.76 2.83 -3.42	40.35 3.26 0.00	48.92 3.93 -1.53	72.26 3.17 -34.40	27.85 2.33 0.00	26.10 2.24 0.00	25.85 2.11 0.00	26.00 2.03 0.00
WOODARD__115KV_TB2 355635	29.79 -0.85 0.00	26.34 -0.71 0.00	25.28 -0.65 0.00	25.44 -0.67 0.00	25.58 -0.69 0.00	26.22 -0.68 0.00	29.41 -0.75 0.00	29.97 -0.77 0.00	34.97 -0.89 0.00	32.30 -0.82 0.00	29.04 -0.69 0.00	29.71 -0.70 0.00	27.74 -0.67 0.00	29.65 -0.71 0.00	32.65 -0.80 0.00	28.33 -0.72 0.00	31.67 -0.84 0.00	36.18 -0.91 0.00	42.36 -1.10 0.00	33.81 -0.87 0.00	24.91 -0.61 0.00	23.28 -0.57 0.00	23.18 -0.56 0.00	23.47 -0.50 0.00
YORK___WARBASSE 23770	32.35 1.71 0.00	28.48 1.42 0.00	27.12 1.19 0.00	27.24 1.13 0.00	27.44 1.18 0.00	28.12 1.22 0.00	31.45 1.28 0.00	32.09 1.36 0.00	37.49 1.64 0.00	34.69 1.57 0.00	30.96 1.23 0.00	31.60 1.19 0.00	29.52 1.11 0.00	31.50 1.14 0.00	34.69 1.24 0.00	30.25 1.20 0.00	33.92 1.41 0.00	38.69 1.60 0.00	45.33 1.86 0.00	36.30 1.61 0.00	26.75 1.24 0.00	25.06 1.21 0.00	24.90 1.16 0.00	25.05 1.08 0.00