

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/01/2023

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	21.15	27.07	26.66	26.60	27.48	31.09	47.09	40.47	30.68	29.77	28.08	37.27	39.99	42.86	41.58	40.68	37.20	46.13	45.01	40.84	36.07	32.93	32.06	34.76
24138	0.99	1.26	1.24	1.29	1.26	1.61	3.03	3.09	2.06	1.75	1.82	2.30	2.40	2.40	2.26	2.44	2.81	3.61	2.62	2.33	1.98	1.69	1.43	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-9.36	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	21.13	27.06	26.65	26.59	27.47	31.07	47.01	40.40	30.63	29.71	28.02	37.19	39.91	42.80	41.55	40.63	37.14	46.05	44.96	40.81	36.05	32.90	32.03	34.76
24260	0.97	1.24	1.24	1.29	1.25	1.58	2.96	3.02	2.02	1.70	1.76	2.22	2.31	2.34	2.23	2.39	2.75	3.53	2.56	2.31	1.95	1.66	1.40	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-9.36	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.13	27.06	26.65	26.59	27.47	31.07	47.01	40.40	30.63	29.71	28.02	37.19	39.91	42.80	41.55	40.63	37.14	46.05	44.96	40.81	36.05	32.90	32.03	34.76
24261	0.97	1.24	1.24	1.29	1.25	1.58	2.96	3.02	2.02	1.70	1.76	2.22	2.31	2.34	2.23	2.39	2.75	3.53	2.56	2.31	1.95	1.66	1.40	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-9.36	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.86	26.70	26.26	26.20	27.17	30.70	46.08	39.37	29.86	28.85	26.98	36.04	38.85	41.90	40.74	39.82	36.48	45.15	46.37	40.49	36.01	32.88	32.17	35.06
24011	0.69	0.88	0.85	0.89	0.96	1.21	2.03	2.00	1.25	0.83	0.72	1.08	1.25	1.44	1.42	1.58	2.09	2.52	1.71	1.99	1.91	1.63	1.54	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	-11.63	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.91	26.74	26.31	26.24	27.24	30.84	46.26	39.58	30.00	28.95	27.06	36.12	38.92	42.01	40.85	40.00	36.74	45.39	46.54	40.63	36.14	32.98	32.33	35.24
23798	0.74	0.93	0.90	0.93	1.02	1.36	2.21	2.21	1.38	0.94	0.80	1.15	1.32	1.54	1.54	1.76	2.35	2.76	1.87	2.12	2.05	1.74	1.70	1.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	-11.63	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.86	26.70	26.26	26.20	27.17	30.70	46.08	39.37	29.86	28.85	26.98	36.04	38.85	41.90	40.74	39.82	36.48	45.15	46.37	40.49	36.01	32.88	32.17	35.06
24028	0.69	0.88	0.85	0.89	0.96	1.21	2.03	2.00	1.25	0.83	0.72	1.08	1.25	1.44	1.42	1.58	2.09	2.52	1.71	1.99	1.91	1.63	1.54	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	-11.63	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	21.35	27.38	26.94	26.86	27.84	31.22	46.64	39.88	30.15	29.11	27.22	36.21	38.95	42.04	40.93	40.13	36.61	45.14	46.05	39.99	35.66	32.50	31.87	34.71
23527	1.18	1.57	1.53	1.56	1.62	1.73	2.59	2.50	1.54	1.10	0.96	1.24	1.35	1.57	1.61	1.90	2.22	2.53	1.77	1.49	1.57	1.26	1.24	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	-11.24	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	20.52	26.31	25.94	25.89	26.78	29.97	44.90	38.33	29.12	28.24	26.45	35.18	37.82	40.72	39.60	38.74	35.29	43.71	45.00	38.82	34.41	31.39	30.71	33.47
24190	0.35	0.50	0.52	0.59	0.56	0.48	0.84	0.95	0.51	0.22	0.19	0.21	0.22	0.25	0.28	0.50	0.90	1.09	0.68	0.32	0.31	0.15	0.08	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-11.29	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	20.22	25.85	25.45	25.35	26.33	29.60	43.93	37.12	28.57	28.18	26.38	35.28	37.95	40.92	39.72	38.44	34.15	41.59	32.98	38.92	34.52	31.84	31.30	34.32
355683	0.06	0.04	0.03	0.04	0.12	0.11	-0.12	-0.25	-0.05	0.16	0.12	0.32	0.35	0.46	0.41	0.20	-0.24	-0.47	-0.05	0.42	0.43	0.59	0.67	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.52	26.31	25.94	25.89	26.78	29.97	44.90	38.33	29.12	28.24	26.45	35.18	37.82	40.72	39.60	38.74	35.29	43.71	45.00	38.82	34.41	31.39	30.71	33.47
23571	0.35	0.50	0.52	0.59	0.56	0.48	0.84	0.95	0.51	0.22	0.19	0.21	0.22	0.25	0.28	0.50	0.90	1.09	0.68	0.32	0.31	0.15	0.08	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-11.29	0.00	0.00	0.00	0.00	0.00
ALBANY___2	20.52	26.31	25.94	25.89	26.78	29.97	44.90	38.33	29.12	28.24	26.45	35.18	37.82	40.72	39.60	38.74	35.29	43.71	45.00	38.82	34.41	31.39	30.71	33.47
23572	0.35	0.50	0.52	0.59	0.56	0.48	0.84	0.95	0.51	0.22	0.19	0.21	0.22	0.25	0.28	0.50	0.90	1.09	0.68	0.32	0.31	0.15	0.08	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-11.29	0.00	0.00	0.00	0.00	0.00
ALBANY___3	20.52	26.31	25.94	25.89	26.78	29.97	44.90	38.33	29.12	28.24	26.45	35.18	37.82	40.72	39.60	38.74	35.29	43.71	45.00	38.82	34.41	31.39	30.71	33.47
23573	0.35	0.50	0.52	0.59	0.56	0.48	0.84	0.95	0.51	0.22	0.19	0.21	0.22	0.25	0.28	0.50	0.90	1.09	0.68	0.32	0.31	0.15	0.08	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-11.29	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	20.52 0.35 0.00	26.31 0.50 0.00	25.94 0.52 0.00	25.89 0.59 0.00	26.78 0.56 0.00	29.97 0.48 0.00	44.90 0.84 0.00	38.33 0.95 0.00	29.12 0.51 0.00	28.24 0.22 0.00	26.45 0.19 0.00	35.18 0.21 0.00	37.82 0.22 0.00	40.72 0.25 0.00	39.60 0.28 0.00	38.74 0.50 0.00	35.29 0.90 0.00	43.71 1.09 -0.56	45.00 0.68 -11.29	38.82 0.32 0.00	34.41 0.31 0.00	31.39 0.15 0.00	30.71 0.08 0.00	33.47 -0.09 0.00
ALBANY___LFGE 323615	20.71 0.54 0.00	26.55 0.74 0.00	26.15 0.74 0.00	26.11 0.80 0.00	27.01 0.80 0.00	30.26 0.78 0.00	45.37 1.32 0.00	38.74 1.36 0.00	29.43 0.82 0.00	28.55 0.53 0.00	26.74 0.48 0.00	35.57 0.60 0.00	38.25 0.65 0.00	41.19 0.72 0.00	40.05 0.74 0.00	39.18 0.94 0.00	35.72 1.33 0.00	44.21 1.59 -0.56	45.48 1.06 -11.39	39.25 0.74 0.00	34.79 0.69 0.00	31.73 0.49 0.00	31.04 0.41 0.00	33.82 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	21.42 0.17 -1.08	27.22 0.18 -1.23	26.61 0.18 -1.01	25.50 0.19 0.00	26.51 0.29 0.00	29.79 0.30 0.00	44.15 0.10 0.00	37.31 -0.07 0.00	28.72 0.10 0.00	28.34 0.32 0.00	26.53 0.27 0.00	35.50 0.54 0.00	38.18 0.58 0.00	41.18 0.71 0.00	39.97 0.65 0.00	38.66 0.42 0.00	34.30 -0.09 0.00	41.73 -0.33 0.00	33.11 0.07 0.00	39.08 0.57 0.00	34.67 0.57 0.00	32.08 0.84 0.00	31.55 0.92 0.00	34.63 1.07 0.00
ALCOA_RYNLDS___DRP 24188	21.42 0.17 -1.08	27.22 0.18 -1.23	26.61 0.18 -1.01	25.50 0.19 0.00	26.51 0.29 0.00	29.79 0.30 0.00	44.15 0.10 0.00	37.31 -0.07 0.00	28.72 0.10 0.00	28.34 0.32 0.00	26.53 0.27 0.00	35.50 0.54 0.00	38.18 0.58 0.00	41.18 0.71 0.00	39.97 0.65 0.00	38.66 0.42 0.00	34.30 -0.09 0.00	41.73 -0.33 0.00	33.11 0.07 0.00	39.08 0.57 0.00	34.67 0.57 0.00	32.08 0.84 0.00	31.55 0.92 0.00	34.63 1.07 0.00
ALCOA___DSASP 323711	21.42 0.17 -1.08	27.22 0.18 -1.23	26.61 0.18 -1.01	25.50 0.19 0.00	26.51 0.29 0.00	29.79 0.30 0.00	44.15 0.10 0.00	37.31 -0.07 0.00	28.72 0.10 0.00	28.34 0.32 0.00	26.53 0.27 0.00	35.50 0.53 0.00	38.18 0.58 0.00	41.18 0.71 0.00	39.97 0.65 0.00	38.66 0.43 0.00	34.30 -0.09 0.00	41.74 -0.32 0.00	33.11 0.07 0.00	39.08 0.57 0.00	34.67 0.57 0.00	32.08 0.84 0.00	31.55 0.92 0.00	34.63 1.07 0.00
ALLEGHENY___COGEN 23514	19.82 -0.35 0.00	25.31 -0.51 0.00	25.02 -0.39 0.00	24.90 -0.40 0.00	26.08 -0.13 0.00	29.77 0.28 0.00	45.41 1.36 0.00	38.42 1.05 0.00	29.35 0.74 0.00	28.70 0.68 0.00	26.84 0.58 0.00	35.56 0.59 0.00	38.53 0.93 0.00	41.64 1.17 0.00	40.63 1.31 0.00	39.61 1.37 0.00	35.51 1.12 0.00	43.66 1.47 -0.13	36.50 0.85 -2.62	39.43 0.92 0.00	34.78 0.69 0.00	31.69 0.45 0.00	31.14 0.51 0.00	34.16 0.60 0.00
ALTAMONT_115KV_TB 2 55880	20.72 0.55 0.00	26.56 0.75 0.00	26.14 0.73 0.00	26.07 0.76 0.00	26.98 0.76 0.00	30.32 0.83 0.00	45.48 1.42 0.00	38.82 1.44 0.00	29.49 0.88 0.00	28.62 0.61 0.00	26.82 0.56 0.00	35.68 0.71 0.00	38.37 0.77 0.00	41.30 0.83 0.00	40.15 0.83 0.00	39.24 1.00 0.00	35.71 1.32 0.00	44.25 1.63 -0.56	45.44 1.12 -11.29	39.38 0.88 0.00	34.90 0.81 0.00	31.85 0.61 0.00	31.16 0.53 0.00	34.01 0.45 0.00
ALTONA_WT_PWR 323606	-20.99 -0.49 40.66	-20.97 -0.70 46.08	-13.31 -0.68 38.05	24.89 -0.41 0.00	26.27 0.05 0.00	29.90 0.41 0.00	44.17 0.12 0.00	37.33 -0.05 0.00	28.55 -0.06 0.00	28.22 0.20 0.00	26.57 0.31 0.00	35.68 0.71 0.00	38.61 1.02 0.00	41.78 1.32 0.00	40.84 1.52 0.00	39.14 0.90 0.00	34.98 0.60 0.00	42.44 0.38 0.00	33.81 0.78 0.00	39.90 1.40 0.00	35.74 1.65 0.00	32.96 1.72 0.00	32.48 1.85 0.00	35.53 1.97 0.00
AMERICAN_REF_FUEL 24010	18.85 -1.31 0.00	23.99 -1.82 0.00	23.73 -1.68 0.00	23.49 -1.81 0.00	24.78 -1.43 0.00	28.18 -1.31 0.00	33.38 -1.64 9.03	35.19 -2.19 0.00	24.08 -1.38 3.16	21.73 -1.39 4.90	23.51 -1.47 1.27	30.82 -2.10 2.04	33.17 -1.99 2.43	36.16 -2.27 2.04	32.30 -1.99 5.03	34.37 -2.04 1.83	31.99 -2.16 0.24	39.51 -2.67 -0.12	32.93 -2.52 -2.42	28.49 -2.82 7.20	28.45 -2.60 3.04	25.77 -2.36 3.11	28.20 -1.91 0.52	30.99 -1.72 0.85
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.96 -1.21 0.00	24.21 -1.60 0.00	24.03 -1.38 0.00	23.86 -1.44 0.00	25.18 -1.03 0.00	29.00 -0.49 0.00	31.49 -0.15 12.41	36.78 -0.59 0.00	24.00 -0.27 4.34	20.84 -0.44 6.73	23.94 -0.57 1.75	31.42 -0.72 2.82	34.28 0.06 3.38	37.86 0.22 2.83	32.69 0.35 6.98	35.95 0.25 2.54	33.57 -0.49 0.33	42.24 0.05 -0.13	35.01 -0.60 -2.58	27.73 -0.79 9.98	29.23 -0.65 4.22	26.23 -0.71 4.31	29.42 -0.50 0.72	31.94 -0.44 1.18
ARTHUR_KILL_GT_1 23520	21.04 0.87 0.00	26.94 1.12 0.00	26.56 1.14 0.00	26.51 1.20 0.00	27.38 1.16 0.00	30.97 1.48 0.00	46.72 2.67 0.00	40.30 2.92 0.00	30.51 1.89 0.00	29.54 1.52 0.00	27.85 1.59 0.00	36.93 1.97 0.00	39.63 2.03 0.00	42.35 1.88 0.00	41.13 1.81 0.00	40.32 2.08 0.00	36.91 2.53 0.00	45.70 3.18 -0.46	44.80 2.41 -9.36	40.58 2.07 0.00	35.89 1.80 0.00	32.79 1.54 0.00	31.93 1.30 0.00	34.70 1.14 0.00
ARTHUR_KILL_2 23512	20.98 0.82 0.00	26.86 1.05 0.00	26.49 1.08 0.00	26.44 1.13 0.00	27.30 1.08 0.00	30.87 1.39 0.00	46.58 2.53 0.00	40.16 2.78 0.00	30.41 1.80 0.00	29.46 1.44 0.00	27.77 1.51 0.00	36.83 1.87 0.00	39.50 1.91 0.00	42.22 1.75 0.00	41.00 1.68 0.00	40.19 1.95 0.00	36.80 2.41 0.00	45.56 3.04 -0.46	44.69 2.29 -9.36	40.45 1.94 0.00	35.78 1.69 0.00	32.69 1.45 0.00	31.84 1.21 0.00	34.60 1.04 0.00
ARTHUR_KILL_3 23513	20.90 0.73 0.00	26.76 0.95 0.00	26.37 0.95 0.00	26.31 1.00 0.00	27.17 0.96 0.00	30.72 1.23 0.00	46.48 2.43 0.00	39.92 2.55 0.00	30.24 1.63 0.00	29.33 1.31 0.00	27.67 1.41 0.00	36.71 1.75 0.00	39.40 1.80 0.00	42.23 1.76 0.00	40.96 1.64 0.00	40.09 1.85 0.00	36.66 2.27 0.00	45.48 2.96 -0.46	44.51 2.12 -9.36	40.26 1.75 0.00	35.57 1.48 0.00	32.47 1.23 0.00	31.62 1.00 0.00	34.32 0.76 0.00
ARTHUR_KILL_COGEN 323718	21.04 0.87 0.00	26.94 1.12 0.00	26.56 1.14 0.00	26.51 1.20 0.00	27.38 1.16 0.00	30.97 1.48 0.00	46.72 2.67 0.00	40.30 2.92 0.00	30.51 1.89 0.00	29.54 1.52 0.00	27.85 1.59 0.00	36.93 1.97 0.00	39.63 2.03 0.00	42.35 1.88 0.00	41.13 1.81 0.00	40.32 2.08 0.00	36.91 2.53 0.00	45.70 3.18 -0.46	44.80 2.41 -9.36	40.58 2.07 0.00	35.89 1.80 0.00	32.79 1.54 0.00	31.93 1.30 0.00	34.70 1.14 0.00
ASHOKAN____ 23654	21.41 1.25 0.00	27.49 1.68 0.00	27.04 1.63 0.00	26.98 1.68 0.00	27.95 1.74 0.00	31.47 1.98 0.00	47.34 3.29 0.00	40.48 3.10 0.00	30.73 2.12 0.00	29.62 1.60 0.00	27.69 1.43 0.00	36.80 1.84 0.00	39.57 1.97 0.00	42.41 1.95 0.00	41.30 1.99 0.00	40.50 2.26 0.00	36.90 2.51 0.00	45.70 3.13 -0.51	45.63 2.24 -10.36	40.61 2.11 0.00	35.92 1.83 0.00	32.76 1.52 0.00	31.92 1.29 0.00	34.76 1.20 0.00

ASTORIA_EAST_ENERGY_CC1 323581	20.98 0.81 0.00	26.85 1.04 0.00	26.47 1.06 0.00	26.42 1.11 0.00	27.28 1.07 0.00	30.81 1.32 0.00	46.56 2.51 0.00	40.09 2.71 0.00	30.36 1.75 0.00	29.43 1.41 0.00	27.75 1.50 0.00	36.77 1.80 0.00	39.47 1.88 0.00	42.28 1.81 0.00	40.98 1.67 0.00	40.13 1.89 0.00	36.68 2.30 0.01	45.48 2.96 -0.45	44.51 2.12 -9.36	40.33 1.83 0.00	35.66 1.56 0.00	32.58 1.34 0.00	31.74 1.11 0.00	34.36 0.80 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.98 0.81 0.00	26.85 1.04 0.00	26.47 1.06 0.00	26.42 1.11 0.00	27.28 1.07 0.00	30.81 1.32 0.00	46.56 2.51 0.00	40.09 2.71 0.00	30.36 1.75 0.00	29.43 1.41 0.00	27.75 1.50 0.00	36.77 1.80 0.00	39.47 1.88 0.00	42.28 1.81 0.00	40.98 1.67 0.00	40.11 1.87 0.00	36.67 2.28 0.01	45.46 2.95 -0.45	44.49 2.09 -9.36	40.31 1.80 0.00	35.63 1.54 0.00	32.57 1.33 0.00	31.72 1.10 0.00	34.36 0.80 0.00
ASTORIA_GT2_1 24094	20.98 0.82 0.00	26.86 1.05 0.00	26.49 1.08 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.42 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.91 0.00	42.30 1.83 0.00	41.02 1.70 0.00	40.15 1.92 0.00	36.70 2.31 0.00	45.52 3.00 -0.46	44.53 2.13 -9.36	40.36 1.86 0.00	35.68 1.58 0.00	32.60 1.36 0.00	31.75 1.12 0.00	34.40 0.84 0.00
ASTORIA_GT2_2 24095	20.98 0.82 0.00	26.86 1.05 0.00	26.49 1.08 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.42 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.91 0.00	42.30 1.83 0.00	41.02 1.70 0.00	40.15 1.92 0.00	36.70 2.31 0.00	45.52 3.00 -0.46	44.53 2.13 -9.36	40.36 1.86 0.00	35.68 1.58 0.00	32.60 1.36 0.00	31.75 1.12 0.00	34.40 0.84 0.00
ASTORIA_GT2_3 24096	20.98 0.82 0.00	26.86 1.05 0.00	26.49 1.08 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.42 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.91 0.00	42.30 1.83 0.00	41.02 1.70 0.00	40.15 1.92 0.00	36.70 2.31 0.00	45.52 3.00 -0.46	44.53 2.13 -9.36	40.36 1.86 0.00	35.68 1.58 0.00	32.60 1.36 0.00	31.75 1.12 0.00	34.40 0.84 0.00
ASTORIA_GT2_4 24097	20.98 0.82 0.00	26.86 1.05 0.00	26.49 1.08 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.42 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.91 0.00	42.30 1.83 0.00	41.02 1.70 0.00	40.15 1.92 0.00	36.70 2.31 0.00	45.52 3.00 -0.46	44.53 2.13 -9.36	40.36 1.86 0.00	35.68 1.58 0.00	32.60 1.36 0.00	31.75 1.12 0.00	34.40 0.84 0.00
ASTORIA_GT3_1 24098	20.98 0.82 0.00	26.86 1.05 0.00	26.49 1.08 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.42 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.91 0.00	42.30 1.83 0.00	41.02 1.70 0.00	40.14 1.90 0.00	36.69 2.30 0.00	45.49 2.97 -0.46	44.50 2.11 -9.36	40.33 1.82 0.00	35.66 1.56 0.00	32.57 1.33 0.00	31.74 1.11 0.00	34.40 0.84 0.00
ASTORIA_GT3_2 24099	20.98 0.82 0.00	26.86 1.05 0.00	26.49 1.08 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.4														

ASTORIA_GT_10 24110	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.67 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.83 1.58 0.00	36.92 1.96 0.00	39.62 2.03 0.00	42.46 2.00 0.00	41.20 1.88 0.00	40.31 2.08 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.50 0.94 0.00
ASTORIA_GT_11 24225	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.67 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.83 1.58 0.00	36.92 1.96 0.00	39.62 2.03 0.00	42.46 2.00 0.00	41.20 1.88 0.00	40.31 2.08 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.50 0.94 0.00
ASTORIA_GT_12 24226	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.67 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.83 1.58 0.00	36.92 1.96 0.00	39.62 2.03 0.00	42.46 2.00 0.00	41.20 1.88 0.00	40.31 2.08 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.50 0.94 0.00
ASTORIA_GT_13 24227	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.67 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.83 1.58 0.00	36.92 1.96 0.00	39.62 2.03 0.00	42.46 2.00 0.00	41.20 1.88 0.00	40.31 2.08 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.50 0.94 0.00
ASTORIA_GT_5 24106	21.02 0.86 0.00	26.91 1.10 0.00	26.53 1.11 0.00	26.47 1.17 0.00	27.34 1.13 0.00	30.87 1.38 0.00	46.67 2.61 0.00	40.19 2.82 0.00	30.44 1.83 0.00	29.50 1.49 0.00	27.82 1.57 0.00	36.87 1.91 0.00	39.59 1.99 0.00	42.40 1.93 0.00	41.10 1.79 0.00	40.23 2.00 0.00	36.78 2.40 0.01	45.60 3.09 -0.45	44.60 2.21 -9.36	40.43 1.93 0.00	35.74 1.65 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.45 0.89 0.00
ASTORIA_GT_7 24107	21.02 0.86 0.00	26.91 1.10 0.00	26.53 1.11 0.00	26.47 1.17 0.00	27.34 1.13 0.00	30.87 1.38 0.00	46.67 2.61 0.00	40.19 2.82 0.00	30.44 1.83 0.00	29.50 1.49 0.00	27.82 1.57 0.00	36.87 1.91 0.00	39.59 1.99 0.00	42.40 1.93 0.00	41.10 1.79 0.00	40.23 2.00 0.00	36.78 2.40 0.01	45.60 3.09 -0.45	44.60 2.21 -9.36	40.43 1.93 0.00	35.74 1.65 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.45 0.89 0.00
ASTORIA_GT_8 24108	21.02 0.86 0.00	26.91 1.10 0.00	26.53 1.12 0.00	26.47 1.17 0.00	27.34 1.12 0.00	30.87 1.38 0.00	46.67 2.61 0.00	40.19 2.82 0.00	30.44 1.83 0.00	29.51 1.49 0.00	27.83 1.57 0.00	36.87 1.91 0.00	39.60 2.00 0.00	42.40 1.93 0.00	41.11 1.79 0.00	40.24 2.00 0.00	36.78 2.39 0.00	45.61 3.09 -0.46	44.60 2.20 -9.36	40.44 1.93 0.00	35.74 1.65 0.00	32.65 1.42 0.00	31.81 1.18 0.00	34.46 0.90 0.00
ASTORIA___2 24149	20.98 0.82 0.00	26.86 1.05 0.00	26.48 1.07 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.43 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.90 0.00	42.30 1.83 0.00	41.00 1.69 0.00	40.13 1.90 0.00	36.69 2.30 0.01	45.48 2.96 -0.45	44.51 2.11 -9.36	40.32 1.82 0.00	35.66 1.56 0.00	32.57 1.33 0.00	31.74 1.11 0.00	34.39 0.82 0.00
ASTORIA___3 23516	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.68 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.84 1.58 0.00	36.92 1.96 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.19 1.87 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.49 0.93 0.00
ASTORIA___4 23517	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.67 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.83 1.58 0.00	36.92 1.96 0.00	39.62 2.03 0.00	42.46 2.00 0.00	41.20 1.88 0.00	40.31 2.08 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.50 0.94 0.00
ASTORIA___5 23518	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.68 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.84 1.58 0.00	36.91 1.95 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.19 1.87 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.49 0.93 0.00
AST_ENERGY_2_CC3 323677	20.97 0.81 0.00	26.84 1.03 0.00	26.44 1.03 0.00	26.38 1.08 0.00	27.25 1.04 0.00	30.82 1.33 0.00	46.57 2.52 0.00	40.03 2.65 0.00	30.34 1.73 0.00	29.43 1.41 0.00	27.77 1.51 0.00	36.83 1.86 0.00	39.51 1.92 0.00	42.35 1.89 0.00	41.08 1.76 0.00	40.19 1.96 0.00	36.76 2.37 0.00	45.60 3.08 -0.46	44.62 2.23 -9.36	40.40 1.90 0.00	35.70 1.61 0.00	32.60 1.36 0.00	31.75 1.12 0.00	34.44 0.88 0.00
AST_ENERGY_2_CC4 323678	20.97 0.81 0.00	26.84 1.03 0.00	26.44 1.03 0.00	26.38 1.08 0.00	27.25 1.04 0.00	30.82 1.33 0.00	46.57 2.52 0.00	40.03 2.65 0.00	30.34 1.73 0.00	29.43 1.41 0.00	27.77 1.51 0.00	36.83 1.86 0.00	39.51 1.92 0.00	42.35 1.89 0.00	41.08 1.76 0.00	40.19 1.96 0.00	36.76 2.37 0.00	45.60 3.08 -0.46	44.62 2.23 -9.36	40.40 1.90 0.00	35.70 1.61 0.00	32.60 1.36 0.00	31.75 1.12 0.00	34.44 0.88 0.00
ATHENS_STG_1 23668	20.75 0.58 0.00	26.62 0.80 0.00	26.16 0.75 0.00	26.08 0.78 0.00	26.97 0.76 0.00	30.38 0.89 0.00	45.62 1.57 0.00	39.01 1.63 0.00	29.61 1.00 0.00	28.75 0.74 0.00	26.98 0.72 0.00	35.87 0.91 0.00	38.53 0.94 0.00	41.44 0.97 0.00	40.25 0.93 0.00	39.34 1.10 0.00	35.82 1.43 0.00	44.42 1.85 -0.51	44.66 1.29 -10.34	39.52 1.02 0.00	34.99 0.89 0.00	31.93 0.69 0.00	31.21 0.58 0.00	34.11 0.54 0.00
ATHENS_STG_2 23670	20.75 0.58 0.00	26.62 0.80 0.00	26.16 0.75 0.00	26.08 0.78 0.00	26.97 0.76 0.00	30.38 0.89 0.00	45.62 1.57 0.00	39.01 1.63 0.00	29.61 1.00 0.00	28.75 0.74 0.00	26.98 0.72 0.00	35.87 0.91 0.00	38.53 0.94 0.00	41.44 0.97 0.00	40.25 0.93 0.00	39.34 1.10 0.00	35.82 1.43 0.00	44.42 1.85 -0.51	44.66 1.29 -10.34	39.52 1.02 0.00	34.99 0.89 0.00	31.93 0.69 0.00	31.21 0.58 0.00	34.11 0.54 0.00

ATHENS_STG_3 23677	20.75 0.58 0.00	26.62 0.80 0.00	26.16 0.75 0.00	26.08 0.78 0.00	26.97 0.76 0.00	30.38 0.89 0.00	45.62 1.57 0.00	39.01 1.63 0.00	29.61 1.00 0.00	28.75 0.74 0.00	26.98 0.72 0.00	35.87 0.91 0.00	38.53 0.94 0.00	41.44 0.97 0.00	40.25 0.93 0.00	39.34 1.10 0.00	35.82 1.43 0.00	44.42 1.85 -0.51	44.66 1.29 -10.34	39.52 1.02 0.00	34.99 0.89 0.00	31.93 0.69 0.00	31.21 0.58 0.00	34.11 0.54 0.00
AUBURN____LFGE 323710	20.01 -0.15 0.00	25.61 -0.20 0.00	25.23 -0.19 0.00	25.09 -0.21 0.00	26.01 -0.20 0.00	29.40 -0.08 0.00	44.32 0.27 0.00	37.61 0.24 0.00	28.84 0.22 0.00	28.16 0.14 0.00	26.40 0.15 0.00	35.06 0.09 0.00	37.69 0.09 0.00	40.58 0.12 0.00	39.59 0.27 0.00	38.52 0.28 0.00	34.73 0.34 0.00	42.67 0.50 -0.11	35.43 0.22 -2.17	38.44 -0.07 0.00	34.06 -0.03 0.00	31.12 -0.11 0.00	30.38 -0.25 0.00	33.33 -0.24 0.00
BABYLON_RES_REC 323704	21.41 1.25 0.00	27.59 1.78 0.00	27.06 1.65 0.00	26.99 1.69 0.00	27.88 1.66 0.00	31.58 2.09 0.00	47.80 3.75 0.00	41.15 3.77 0.00	30.95 2.34 0.00	29.80 1.78 0.00	28.35 2.08 -0.01	37.86 2.84 -0.05	45.61 3.01 -5.01	43.63 3.17 0.00	42.44 3.12 -0.01	41.19 2.95 0.00	37.52 3.13 0.00	46.34 3.81 -0.46	45.21 2.81 -9.36	41.20 2.70 0.00	36.55 2.45 0.00	34.58 2.41 -0.93	32.56 1.93 0.00	35.22 1.66 0.00
BABYLON__69_KV_BK2 356345	21.65 1.49 0.00	27.88 2.07 0.00	27.36 1.94 0.00	27.29 1.99 0.00	28.18 1.96 0.00	31.94 2.45 0.00	48.38 4.33 0.00	41.63 4.25 0.00	31.28 2.67 0.00	30.10 2.08 0.00	28.64 2.36 -0.01	38.28 3.27 -0.05	45.98 3.49 -4.90	44.16 3.69 0.00	42.98 3.66 -0.01	41.69 3.46 0.00	37.97 3.58 0.00	46.88 4.36 -0.46	45.64 3.24 -9.36	41.72 3.22 0.00	37.01 2.91 0.00	35.01 2.85 -0.91	32.95 2.32 0.00	35.62 2.05 0.00
BALL_HILL_WT_PWR 323825	19.20 -0.96 0.00	24.48 -1.33 0.00	24.26 -1.15 0.00	24.06 -1.24 0.00	25.29 -0.92 0.00	28.92 -0.57 0.00	32.52 -0.28 11.25	36.61 -0.76 0.00	24.28 -0.40 3.94	21.44 -0.47 6.10	24.08 -0.59 1.59	31.67 -0.73 2.56	34.16 -0.36 3.08	37.55 -0.35 2.57	32.80 -0.17 6.35	35.65 -0.28 2.31	33.37 -0.72 0.30	41.64 -0.54 -0.13	34.66 -0.92 -2.55	28.38 -1.04 9.09	29.34 -0.91 3.84	26.43 -0.89 3.92	29.33 -0.65 0.65	31.92 -0.57 1.07
BARON_WINDS____WT_PWR 323822	18.86 -1.30 0.00	24.13 -1.68 0.00	23.90 -1.51 0.00	23.89 -1.42 0.00	24.93 -1.28 0.00	28.48 -1.00 0.00	47.71 -0.60 -4.26	36.82 -0.55 0.00	29.40 -0.70 -1.49	29.62 -0.71 -2.31	26.23 -0.63 -0.60	34.96 -0.97 -0.96	38.02 -0.73 -1.15	41.12 -0.31 -0.96	41.68 -0.02 -2.38	39.16 0.06 -0.87	34.18 -0.32 -0.11	41.87 -0.34 -0.15	35.54 -0.58 -3.08	41.00 -0.85 -3.35	34.70 -0.81 -1.42	31.75 -0.93 -1.45	30.13 -0.74 -0.24	33.16 -0.80 -0.40
BARRETT_IC_1 23704	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_10 23701	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_11 23702	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_12 23703	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_2 23705	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_3 23706	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_4 23707	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_5 23708	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_6 23709	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00

BARRETT_IC_7 23710	35.15 1.05 -13.93	27.36 1.47 -0.09	26.85 1.37 -0.07	26.79 1.42 -0.06	27.67 1.38 -0.09	31.30 1.79 -0.02	47.29 3.24 0.00	40.60 3.23 0.00	30.60 1.99 0.00	29.54 1.52 0.00	28.15 1.88 -0.01	37.49 2.48 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.84 2.52 0.00	40.69 2.45 0.00	37.10 2.71 0.00	45.89 3.36 -0.46	44.86 2.47 -9.36	40.79 2.28 0.00	36.11 2.01 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_8 23711	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT_IC_9 23700	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT___1 23545	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BARRETT___2 23546	35.15 1.05 -13.93	27.37 1.47 -0.09	26.85 1.36 -0.07	26.79 1.42 -0.06	27.68 1.38 -0.09	31.30 1.79 -0.02	47.29 3.23 0.00	40.61 3.23 0.00	30.60 1.98 0.00	29.54 1.52 0.00	28.14 1.87 -0.01	37.48 2.47 -0.05	44.71 2.51 -4.61	43.10 2.64 0.00	41.83 2.51 0.00	40.68 2.44 0.00	37.11 2.72 0.00	45.88 3.36 -0.46	44.86 2.47 -9.36	40.77 2.27 0.00	36.11 2.02 0.00	33.97 1.93 -0.80	32.18 1.55 0.00	34.87 1.31 0.00
BATAVIA__115KV_TB1 55881	19.67 -0.50 0.00	25.03 -0.78 0.00	24.74 -0.68 0.00	24.51 -0.79 0.00	25.79 -0.43 0.00	29.33 -0.15 0.00	44.36 0.31 0.00	37.10 -0.28 0.00	28.67 0.05 0.00	28.02 0.00 0.00	26.14 -0.12 0.00	34.65 -0.31 0.00	37.57 -0.02 0.00	40.35 -0.11 0.00	39.37 0.06 0.00	38.20 -0.04 0.00	34.15 -0.24 0.00	41.90 -0.28 -0.11	34.72 -0.63 -2.32	37.77 -0.73 0.00	33.33 -0.77 0.00	30.48 -0.77 0.00	30.12 -0.51 0.00	33.20 -0.36 0.00
BAYONEEC___CTG1 323682	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG10 323750	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG2 323683	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG3 323684	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG4 323685	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG5 323686	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG6 323687	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG7 323688	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BAYONEEC___CTG8 323689	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00

BAYONEEC___CTG9 323749	20.98 0.82 0.00	26.86 1.05 0.00	26.46 1.05 0.00	26.40 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.66 2.61 0.00	40.09 2.72 0.00	30.38 1.76 0.00	29.46 1.44 0.00	27.79 1.53 0.00	36.87 1.91 0.00	39.57 1.98 0.00	42.41 1.94 0.00	41.14 1.82 0.00	40.25 2.01 0.00	36.81 2.43 0.00	45.66 3.14 -0.46	44.67 2.28 -9.36	40.45 1.95 0.00	35.74 1.65 0.00	32.64 1.40 0.00	31.78 1.15 0.00	34.48 0.92 0.00
BEACON___LESR 323632	20.85 0.69 0.00	26.75 0.94 0.00	26.34 0.93 0.00	26.27 0.96 0.00	27.22 1.00 0.00	30.54 1.06 0.00	45.96 1.91 0.00	39.20 1.83 0.00	29.68 1.07 0.00	28.81 0.79 0.00	26.94 0.68 0.00	35.90 0.94 0.00	38.59 0.99 0.00	41.49 1.02 0.00	40.28 0.96 0.00	39.43 1.19 0.00	35.97 1.58 0.00	44.59 1.98 -0.55	45.69 1.37 -11.28	39.63 1.13 0.00	35.06 0.97 0.00	31.95 0.71 0.00	31.25 0.62 0.00	34.03 0.47 0.00
BEAVER RIVER___HYD 24048	21.64 -0.92 -2.39	27.42 -1.10 -2.71	26.64 -1.01 -2.24	24.39 -0.92 0.00	25.31 -0.90 0.00	28.46 -1.03 0.00	43.06 -0.99 0.00	37.11 -0.27 0.00	28.38 -0.23 0.00	28.16 0.14 0.00	26.64 0.38 0.00	35.39 0.43 0.00	38.16 0.56 0.00	41.03 0.56 0.00	39.77 0.45 0.00	38.31 0.07 0.00	34.26 -0.13 0.00	42.07 -0.03 -0.04	33.97 0.16 -0.78	38.66 0.15 0.00	34.12 0.03 0.00	31.40 0.16 0.00	30.94 0.31 0.00	33.97 0.41 0.00
BEEBEE_GT_13 23619	19.53 -0.64 0.00	24.91 -0.90 0.00	24.57 -0.84 0.00	24.38 -0.93 0.00	25.49 -0.73 0.00	28.89 -0.60 0.00	43.58 -0.47 0.00	36.67 -0.71 0.00	28.21 -0.40 0.00	27.57 -0.45 0.00	25.77 -0.49 0.00	34.23 -0.74 0.00	36.98 -0.62 0.00	39.74 -0.73 0.00	38.72 -0.60 0.00	37.61 -0.63 0.00	33.75 -0.64 0.00	41.44 -0.73 -0.11	34.31 -0.87 -2.15	37.46 -1.05 0.00	33.09 -1.01 0.00	30.25 -0.99 0.00	29.78 -0.85 0.00	32.77 -0.79 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.17 1.01 0.00	27.08 1.27 0.00	26.69 1.28 0.00	26.63 1.33 0.00	27.50 1.29 0.00	31.12 1.63 0.00	47.06 3.01 0.00	40.51 3.14 0.00	30.70 2.08 0.00	29.75 1.74 0.00	28.07 1.81 0.00	37.25 2.29 0.00	39.99 2.39 0.00	42.81 2.34 0.00	41.53 2.21 0.00	40.67 2.43 0.00	37.18 2.79 0.00	46.06 3.54 -0.46	45.01 2.62 -9.36	40.87 2.37 0.00	36.10 2.01 0.00	32.97 1.73 0.00	32.09 1.46 0.00	34.82 1.26 0.00
BETHLEHEM___GRP 23843	20.52 0.35 0.00	26.31 0.50 0.00	25.94 0.52 0.00	25.89 0.59 0.00	26.78 0.56 0.00	29.97 0.48 0.00	44.90 0.84 0.00	38.33 0.95 0.00	29.12 0.51 0.00	28.24 0.22 0.00	26.45 0.19 0.00	35.18 0.21 0.00	37.82 0.22 0.00	40.72 0.25 0.00	39.60 0.28 0.00	38.74 0.50 0.00	35.29 0.90 0.00	43.71 1.09 -0.56	45.00 0.68 -11.29	38.82 0.32 0.00	34.41 0.31 0.00	31.39 0.15 0.00	30.71 0.08 0.00	33.47 -0.09 0.00
BETHLEHEM___GS1 323560	20.52 0.35 0.00	26.31 0.50 0.00	25.94 0.52 0.00	25.89 0.59 0.00	26.78 0.57 0.00	29.96 0.48 0.00	44.89 0.84 0.00	38.33 0.95 0.00	29.12 0.51 0.00	28.24 0.22 0.00	26.45 0.19 0.00	35.18 0.22 0.00	37.82 0.22 0.00	40.72 0.25 0.00	39.60 0.28 0.00	38.74 0.50 0.00	35.30 0.91 0.00	43.70 1.09 -0.56	45.01 0.68 -11.29	38.82 0.31 0.00	34.40 0.31 0.00	31.39 0.15 0.00	30.70 0.07 0.00	33.47 -0.09 0.00
BETHLEHEM___GS2 323561	20.52 0.35 0.00	26.31 0.50 0.00	25.94 0.52 0.00	25.89 0.59 0.00	26.78 0.57 0.00	29.96 0.48 0.00	44.89 0.84 0.00	38.33 0.95 0.00	29.12 0.51 0.00	28.24 0.22 0.00	26.45 0.19 0.00	35.18 0.22 0.00	37.82 0.22 0.00	40.72 0.25 0.00	39.60 0.28 0.00	38.74 0.50 0.00	35.30 0.91 0.00	43.70 1.09 -0.56	45.01 0.68 -11.29	38.82 0.31 0.00	34.40 0.31 0.00	31.39 0.15 0.00	30.70 0.07 0.00	33.47 -0.09 0.00
BETHLEHEM___GS3 323562	20.52 0.35 0.00	26.31 0.50 0.00	25.94 0.52 0.00	25.89 0.59 0.00	26.78 0.57 0.00	29.96 0.48 0.00	44.89 0.84 0.00	38.33 0.95 0.00	29.12 0.51 0.00	28.24 0.22 0.00	26.45 0.19 0.00	35.18 0.22 0.00	37.82 0.22 0.00	40.72 0.25 0.00	39.60 0.28 0.00	38.74 0.50 0.00	35.30 0.91 0.00	43.70 1.09 -0.56	45.01 0.68 -11.29	38.82 0.31 0.00	34.40 0.31 0.00	31.39 0.15 0.00	30.70 0.07 0.00	33.47 -0.09 0.00
BETHLEHEM___STEEL 23779	19.28 -0.88 0.00	24.56 -1.25 0.00	24.31 -1.10 0.00	24.10 -1.21 0.00	25.36 -0.86 0.00	28.89 -0.60 0.00	43.66 -0.39 0.00	36.48 -0.89 0.00	28.15 -0.46 0.00	27.52 -0.49 0.00	25.66 -0.60 0.00	34.12 -0.84 0.00	37.08 -0.52 0.00	39.89 -0.57 0.00	38.98 -0.34 0.00	37.82 -0.42 0.00	33.66 -0.73 0.00	41.40 -0.78 -0.12	34.49 -1.05 -2.51	37.38 -1.13 0.00	33.06 -1.03 0.00	30.25 -1.00 0.00	29.90 -0.73 0.00	32.96 -0.60 0.00
BETHLHEM_115KV_TB1 79974	20.56 0.40 0.00	26.37 0.56 0.00	25.99 0.57 0.00	25.93 0.63 0.00	26.83 0.62 0.00	30.04 0.56 0.00	45.03 0.97 0.00	38.44 1.06 0.00	29.20 0.59 0.00	28.33 0.31 0.00	26.53 0.28 0.00	35.29 0.33 0.00	37.94 0.35 0.00	40.84 0.37 0.00	39.72 0.40 0.00	38.85 0.61 0.00	35.39 1.00 0.00	43.83 1.21 -0.55	45.10 0.78 -11.29	38.94 0.44 0.00	34.51 0.42 0.00	31.49 0.24 0.00	30.80 0.16 0.00	33.58 0.02 0.00
BETHPAGE_CC_5 323564	21.80 1.15 -0.48	27.46 1.64 0.00	26.93 1.52 0.00	26.87 1.56 0.00	27.76 1.54 0.00	31.42 1.93 0.00	47.47 3.42 0.00	40.86 3.48 0.00	30.74 2.13 0.00	29.64 1.62 0.00	28.20 1.92 -0.01	37.62 2.60 -0.06	45.62 2.73 -5.30	43.29 2.82 0.00	42.07 2.75 -0.01	40.87 2.63 0.00	37.24 2.85 0.00	46.04 3.52 -0.46	44.97 2.58 -9.36	40.93 2.43 0.00	36.31 2.22 0.00	34.39 2.17 -0.98	32.40 1.77 0.00	35.07 1.51 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.40 -0.77 0.00	24.71 -1.11 0.00	24.45 -0.97 0.00	24.24 -1.07 0.00	25.50 -0.71 0.00	29.05 -0.44 0.00	43.98 -0.07 0.00	36.76 -0.61 0.00	28.36 -0.25 0.00	27.74 -0.27 0.00	25.86 -0.40 0.00	34.39 -0.57 0.00	37.33 -0.26 0.00	40.18 -0.29 0.00	39.26 -0.06 0.00	38.09 -0.15 0.00	33.89 -0.50 0.00	41.68 -0.50 -0.12	34.73 -0.82 -2.53	37.65 -0.86 0.00	33.30 -0.79 0.00	30.47 -0.77 0.00	30.09 -0.54 0.00	33.17 -0.39 0.00
BINGHAMTON___COGEN 23790	20.02 -0.14 0.00	25.64 -0.17 0.00	25.26 -0.15 0.00	25.14 -0.16 0.00	26.03 -0.18 0.00	29.49 0.00 0.00	44.54 0.49 0.00	37.84 0.47 0.00	28.85 0.24 0.00	28.15 0.13 0.00	26.39 0.14 0.00	35.07 0.11 0.00	37.77 0.17 0.00	40.73 0.26 0.00	39.63 0.31 0.00	38.60 0.36 0.00	34.75 0.36 0.00	42.89 0.63 -0.20	37.39 0.29 -4.07	38.60 0.09 0.00	34.14 0.05 0.00	31.17 -0.07 0.00	30.55 -0.08 0.00	33.44 -0.12 0.00
BIXINCNT_115KV_LOAD 355685	19.48 -0.69 0.00	24.78 -1.03 0.00	24.50 -0.91 0.00	24.38 -0.93 0.00	25.58 -0.63 0.00	29.30 -0.18 0.00	44.87 0.81 0.00	37.43 0.05 0.00	28.78 0.17 0.00	28.28 0.27 0.00	26.30 0.04 0.00	35.03 0.07 0.00	38.02 0.42 0.00	41.25 0.78 0.00	40.33 1.01 0.00	39.17 0.93 0.00	34.65 0.26 0.00	42.64 0.45 -0.13	35.62 0.00 -2.59	38.51 0.00 0.00	34.08 -0.02 0.00	31.08 -0.16 0.00	30.66 0.03 0.00	33.72 0.16 0.00

BLACK RIVER___HYD 24047	20.79 -1.05 -1.68	26.40 -1.32 -1.90	25.77 -1.21 -1.57	24.23 -1.07 0.00	25.12 -1.09 0.00	28.28 -1.20 0.00	42.94 -1.12 0.00	37.10 -0.28 0.00	28.33 -0.29 0.00	28.08 0.06 0.00	26.66 0.41 0.00	35.41 0.45 0.00	38.15 0.55 0.00	40.96 0.49 0.00	39.73 0.41 0.00	38.24 0.00 0.00	34.29 -0.10 0.00	42.24 0.12 -0.05	34.40 0.28 -1.09	38.69 0.19 0.00	34.08 -0.02 0.00	31.27 0.03 0.00	30.83 0.20 0.00	33.84 0.28 0.00
BLACKRVR_115KV_TB2 79977	20.79 -1.05 -1.68	26.40 -1.32 -1.90	25.77 -1.21 -1.57	24.23 -1.07 0.00	25.12 -1.10 0.00	28.29 -1.20 0.00	42.94 -1.12 0.00	37.10 -0.28 0.00	28.33 -0.29 0.00	28.08 0.07 0.00	26.66 0.40 0.00	35.41 0.45 0.00	38.15 0.55 0.00	40.96 0.49 0.00	39.72 0.41 0.00	38.24 0.00 0.00	34.29 -0.10 0.00	42.24 0.12 -0.05	34.40 0.28 -1.09	38.69 0.18 0.00	34.08 -0.02 0.00	31.27 0.03 0.00	30.82 0.19 0.00	33.84 0.28 0.00
BLISS_WT_PWR 323608	19.37 -0.79 0.00	24.63 -1.18 0.00	24.34 -1.08 0.00	24.25 -1.06 0.00	25.44 -0.77 0.00	29.22 -0.27 0.00	31.69 0.72 13.08	37.36 -0.02 0.00	24.14 0.11 4.57	21.18 0.26 7.09	24.41 0.00 1.85	32.03 0.04 2.97	34.42 0.38 3.55	38.31 0.82 2.97	33.05 1.08 7.34	36.57 1.00 2.67	34.31 0.27 0.35	42.66 0.47 -0.13	35.64 0.02 -2.59	28.04 0.03 10.50	29.65 -0.01 4.44	26.54 -0.17 4.53	29.88 0.01 0.75	32.44 0.12 1.24
BLUESTONE___WT_PWR 323821	20.02 -0.15 0.00	25.79 -0.03 0.00	25.47 0.05 0.00	25.23 -0.07 0.00	26.15 -0.06 0.00	29.97 0.49 0.00	48.52 1.55 -2.91	39.07 1.70 0.00	31.05 1.42 -1.02	31.11 1.51 -1.58	28.02 1.35 -0.41	37.09 1.47 -0.66	39.67 1.28 -0.79	43.08 1.96 -0.66	43.39 2.44 -1.64	40.89 2.05 -0.60	35.64 1.17 -0.08	44.32 2.05 -0.21	38.89 1.66 -4.21	42.28 1.50 -2.27	36.10 1.04 -0.96	33.00 0.78 -0.98	31.57 0.78 -0.16	34.62 0.78 -0.27
BLUE_CIRC_CHEM_DRP 24182	20.82 0.66 0.00	26.71 0.90 0.00	26.30 0.89 0.00	26.23 0.93 0.00	27.16 0.94 0.00	30.47 0.98 0.00	45.66 1.61 0.00	38.92 1.55 0.00	29.57 0.96 0.00	28.68 0.66 0.00	26.85 0.60 0.00	35.74 0.77 0.00	38.43 0.84 0.00	41.39 0.92 0.00	40.25 0.94 0.00	39.38 1.14 0.00	35.84 1.45 0.00	44.34 1.74 -0.55	45.36 1.20 -11.13	39.47 0.96 0.00	34.97 0.88 0.00	31.92 0.68 0.00	31.24 0.60 0.00	34.10 0.53 0.00
BOC_GAS_DRP 24189	20.65 0.49 0.00	26.48 0.67 0.00	26.07 0.66 0.00	26.00 0.69 0.00	26.90 0.69 0.00	30.22 0.73 0.00	45.31 1.26 0.00	38.67 1.29 0.00	29.38 0.77 0.00	28.53 0.51 0.00	26.74 0.48 0.00	35.56 0.60 0.00	38.23 0.63 0.00	41.14 0.67 0.00	39.99 0.67 0.00	39.08 0.84 0.00	35.56 1.17 0.00	44.07 1.45 -0.55	45.26 0.98 -11.25	39.21 0.70 0.00	34.74 0.64 0.00	31.71 0.47 0.00	31.02 0.39 0.00	33.87 0.30 0.00
BOONVILLE_115KV_TB1 79983	21.01 -0.10 -0.94	26.81 -0.07 -1.07	26.26 -0.03 -0.88	25.29 -0.02 0.00	26.22 0.01 0.00	29.53 0.04 0.00	44.52 0.47 0.00	38.10 0.73 0.00	29.15 0.54 0.00	28.70 0.68 0.00	27.00 0.75 0.00	35.74 0.78 0.00	38.64 1.04 0.00	41.58 1.11 0.00	40.36 1.05 0.00	39.12 0.88 0.00	35.18 0.79 0.00	43.16 1.07 -0.03	34.54 0.84 -0.67	39.38 0.88 0.00	34.80 0.71 0.00	31.88 0.64 0.00	31.29 0.66 0.00	34.25 0.69 0.00
BORALEX_4TH_BRANCH 23824	21.34 1.18 0.00	27.38 1.57 0.00	26.95 1.53 0.00	26.86 1.56 0.00	27.83 1.62 0.00	31.22 1.73 0.00	46.64 2.59 0.00	39.88 2.50 0.00	30.15 1.54 0.00	29.11 1.10 0.00	27.22 0.96 0.00	36.21 1.24 0.00	38.95 1.35 0.00	42.04 1.57 0.00	40.93 1.61 0.00	40.14 1.90 0.00	36.61 2.22 0.00	45.14 2.53 -0.55	46.05 1.78 -11.24	39.99 1.49 0.00	35.67 1.57 0.00	32.51 1.27 0.00	31.87 1.24 0.00	34.71 1.15 0.00
BOWLINE___1 23526	20.79 0.63 0.00	26.67 0.86 0.00	26.30 0.89 0.00	26.27 0.97 0.00	27.14 0.93 0.00	30.67 1.18 0.00	46.32 2.26 0.00	39.75 2.38 0.00	30.10 1.49 0.00	29.18 1.17 0.00	27.49 1.23 0.00	36.52 1.55 0.00	39.19 1.59 0.00	42.07 1.61 0.00	40.81 1.50 0.00	39.90 1.66 0.00	36.43 2.04 0.00	45.23 2.72 -0.45	44.06 1.92 -9.11	40.11 1.61 0.00	35.46 1.36 0.00	32.35 1.11 0.00	31.55 0.92 0.00	34.32 0.76 0.00
BOWLINE___2 23595	20.79 0.62 0.00	26.65 0.84 0.00	26.30 0.89 0.00	26.27 0.97 0.00	27.14 0.93 0.00	30.67 1.18 0.00	46.32 2.27 0.00	39.76 2.38 0.00	30.10 1.49 0.00	29.18 1.17 0.00	27.49 1.24 0.00	36.52 1.55 0.00	39.19 1.59 0.00	42.07 1.61 0.00	40.81 1.50 0.00	39.90 1.66 0.00	36.43 2.05 0.00	45.23 2.72 -0.45	44.07 1.92 -9.11	40.11 1.61 0.00	35.46 1.36 0.00	32.35 1.11 0.00	31.55 0.92 0.00	34.33 0.76 0.00
BRADY___115KV_TB2 356060	23.26 0.27 -2.82	29.33 0.32 -3.20	28.37 0.31 -2.64	25.65 0.34 0.00	26.67 0.45 0.00	30.00 0.51 0.00	44.57 0.52 0.00	37.69 0.31 0.00	29.01 0.40 0.00	28.66 0.64 0.00	26.83 0.57 0.00	35.92 0.96 0.00	38.64 1.04 0.00	41.69 1.22 0.00	40.45 1.14 0.00	39.10 0.86 0.00	34.62 0.23 0.00	42.09 0.02 -0.01	33.61 0.39 -0.19	39.47 0.96 0.00	34.99 0.89 0.00	32.44 1.20 0.00	31.88 1.25 0.00	35.02 1.45 0.00
BRANSCOMB___SOLAR 323811	20.96 0.80 0.00	26.85 1.04 0.00	26.41 1.00 0.00	26.34 1.04 0.00	27.30 1.09 0.00	30.76 1.28 0.00	46.18 2.13 0.00	39.43 2.05 0.00	29.88 1.27 0.00	28.91 0.89 0.00	27.04 0.78 0.00	36.05 1.09 0.00	38.84 1.24 0.00	41.88 1.41 0.00	40.74 1.42 0.00	39.85 1.61 0.00	36.40 2.01 0.00	45.05 2.42 -0.57	46.27 1.68 -11.56	40.21 1.71 0.00	35.70 1.60 0.00	32.57 1.33 0.00	31.87 1.24 0.00	34.75 1.19 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.07 1.43 0.53	27.80 2.00 0.00	27.28 1.87 0.00	27.21 1.91 0.00	28.09 1.88 0.00	31.84 2.35 0.00	48.23 4.18 0.00	41.50 4.12 0.00	31.17 2.55 0.00	29.97 1.96 0.00	28.52 2.25 -0.01	38.13 3.11 -0.05	45.54 3.32 -4.63	43.97 3.50 0.00	42.81 3.49 -0.01	41.49 3.25 0.00	37.76 3.37 0.00	46.59 4.07 -0.46	45.41 3.02 -9.36	41.48 2.97 0.00	36.80 2.70 0.00	34.82 2.72 -0.87	32.82 2.19 0.00	35.47 1.90 0.00
BRISTLHL_115KV_TB1 79998	19.70 -0.46 0.00	25.20 -0.61 0.00	24.82 -0.60 0.00	24.69 -0.62 0.00	25.54 -0.68 0.00	28.79 -0.69 0.00	43.29 -0.76 0.00	36.73 -0.64 0.00	28.08 -0.53 0.00	27.40 -0.61 0.00	25.68 -0.58 0.00	34.09 -0.87 0.00	36.70 -0.90 0.00	39.49 -0.98 0.00	38.42 -0.90 0.00	37.41 -0.83 0.00	33.73 -0.65 0.00	41.42 -0.72 -0.08	34.04 -0.69 -1.70	37.55 -0.95 0.00	33.21 -0.89 0.00	30.33 -0.91 0.00	29.74 -0.89 0.00	32.70 -0.86 0.00
BROOKHAVEN___DRP 24191	20.87 1.37 0.66	27.81 2.00 0.00	27.31 1.90 0.00	27.25 1.95 0.00	28.11 1.90 0.00	31.88 2.40 0.00	48.33 4.28 0.00	41.58 4.21 0.00	31.20 2.59 0.00	29.97 1.96 0.00	28.49 2.21 -0.01	38.15 3.14 -0.05	45.45 3.31 -4.55	44.01 3.54 0.00	42.88 3.56 -0.01	41.59 3.36 0.00	37.86 3.47 0.00	46.73 4.21 -0.46	45.51 3.12 -9.36	41.56 3.06 0.00	36.86 2.77 0.00	34.88 2.78 -0.86	32.86 2.23 0.00	35.49 1.93 0.00

BROOKLYN_NAVY_YARD 23515	20.95 0.79 0.00	26.82 1.01 0.00	26.42 1.01 0.00	26.36 1.06 0.00	27.22 1.01 0.00	30.81 1.32 0.00	46.61 2.55 0.00	40.04 2.66 0.00	30.34 1.72 0.00	29.42 1.40 0.00	27.75 1.49 0.00	36.83 1.86 0.00	39.53 1.93 0.00	42.37 1.90 0.00	41.07 1.76 0.00	40.19 1.95 0.00	36.75 2.37 0.00	45.59 3.07 -0.46	44.61 2.21 -9.36	40.38 1.88 0.00	35.68 1.59 0.00	32.57 1.33 0.00	31.71 1.08 0.00	34.37 0.81 0.00
BROOKLYN___ARMY_DRP 323595	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
BROOKVLE_69_KV_TB1 55790	22.92 1.11 -1.64	27.36 1.54 -0.01	26.87 1.45 -0.01	26.82 1.51 -0.01	27.71 1.49 -0.01	31.34 1.85 0.00	47.41 3.36 0.00	40.75 3.37 0.00	30.73 2.12 0.00	29.71 1.69 0.00	28.21 1.93 -0.02	37.59 2.54 -0.08	47.66 2.65 -7.41	43.13 2.66 0.00	41.88 2.55 -0.01	40.82 2.58 0.00	37.24 2.85 0.00	46.09 3.57 -0.46	45.00 2.60 -9.36	40.93 2.43 0.00	36.24 2.14 0.00	34.53 1.97 -1.32	32.24 1.61 0.00	35.03 1.47 0.00
BROOME_2_LFGE 323671	20.02 -0.14 0.00	25.64 -0.17 0.00	25.26 -0.15 0.00	25.14 -0.16 0.00	26.03 -0.18 0.00	29.49 0.00 0.00	48.46 0.48 -3.93	37.84 0.47 0.00	30.22 0.24 -1.37	30.28 0.14 -2.13	26.95 0.14 -0.55	35.96 0.11 -0.89	38.83 0.17 -1.07	41.62 0.26 -0.89	41.83 0.31 -2.21	39.40 0.36 -0.80	34.86 0.36 -0.10	42.89 0.63 -0.20	37.39 0.29 -4.07	41.69 0.09 -3.09	35.44 0.04 -1.31	32.50 -0.07 -1.33	30.77 -0.08 -0.22	33.81 -0.12 -0.36
BROOME___LFGE 323600	20.02 -0.14 0.00	25.64 -0.17 0.00	25.26 -0.15 0.00	25.14 -0.16 0.00	26.03 -0.18 0.00	29.49 0.00 0.00	48.46 0.48 -3.93	37.84 0.47 0.00	30.22 0.24 -1.37	30.28 0.14 -2.13	26.95 0.14 -0.55	35.96 0.11 -0.89	38.83 0.17 -1.07	41.62 0.26 -0.89	41.83 0.31 -2.21	39.40 0.36 -0.80	34.86 0.36 -0.10	42.89 0.63 -0.20	37.39 0.29 -4.07	41.69 0.09 -3.09	35.44 0.04 -1.31	32.50 -0.07 -1.33	30.77 -0.08 -0.22	33.81 -0.12 -0.36
BROWNFLS_115KV_TB_3_5 80003	23.71 -0.71 -4.25	29.74 -0.89 -4.82	28.57 -0.82 -3.98	24.56 -0.74 0.00	25.52 -0.70 0.00	28.72 -0.77 0.00	43.18 -0.87 0.00	36.93 -0.45 0.00	28.32 -0.29 0.00	28.06 0.05 0.00	26.45 0.19 0.00	35.25 0.29 0.00	37.97 0.38 0.00	40.89 0.42 0.00	39.67 0.36 0.00	38.24 0.00 0.00	33.94 -0.45 0.00	41.40 -0.69 -0.03	33.32 -0.26 -0.55	38.42 -0.08 0.00	33.98 -0.12 0.00	31.41 0.17 0.00	30.98 0.35 0.00	34.07 0.51 0.00
BROWNSV1_27_KV_LOAD 356125	21.19 1.02 0.00	27.12 1.31 0.00	26.71 1.29 0.00	26.64 1.34 0.00	27.53 1.31 0.00	31.15 1.67 0.00	47.14 3.09 0.00	40.52 3.15 0.00	30.72 2.11 0.00	29.79 1.78 0.00	28.10 1.85 0.00	37.30 2.34 0.00	40.04 2.44 0.00	42.92 2.46 0.00	41.64 2.32 0.00	40.76 2.52 0.00	37.24 2.85 0.00	46.20 3.68 -0.46	45.08 2.68 -9.36	40.94 2.43 0.00	36.17 2.07 0.00	33.01 1.78 0.00	32.14 1.51 0.00	34.85 1.29 0.00
BURROWS___LYONSDAL 23803	21.05 -0.34 -1.23	26.85 -0.36 -1.39	26.25 -0.30 -1.15	25.03 -0.27 0.00	25.96 -0.26 0.00	29.21 -0.28 0.00	44.11 0.06 0.00	37.84 0.47 0.00	28.95 0.33 0.00	28.57 0.55 0.00	26.92 0.66 0.00	35.66 0.70 0.00	38.53 0.94 0.00	41.46 0.99 0.00	40.22 0.90 0.00	38.91 0.67 0.00	34.96 0.57 0.00	42.91 0.81 -0.03	34.41 0.69 -0.69	39.20 0.70 0.00	34.63 0.54 0.00	31.76 0.52 0.00	31.21 0.58 0.00	34.19 0.62 0.00
CAITHNESS_CC_1 323624	20.81 1.30 0.66	27.74 1.94 0.00	27.24 1.83 0.00	27.18 1.88 0.00	28.03 1.82 0.00	31.79 2.31 0.00	48.18 4.13 0.00	41.45 4.08 0.00	31.11 2.50 0.00	29.90 1.88 0.00	28.42 2.15 -0.01	38.05 3.04 -0.05	45.33 3.19 -4.55	43.87 3.40 0.00	42.73 3.41 -0.01	41.44 3.20 0.00	37.72 3.33 0.00	46.57 4.05 -0.46	45.38 2.99 -9.36	41.40 2.90 0.00	36.74 2.64 0.00	34.77 2.67 -0.85	32.76 2.13 0.00	35.39 1.83 0.00
CALPINE BETH_PAGE_GT4 24209	22.25 1.10 -0.98	27.38 1.56 -0.01	26.87 1.45 0.00	26.80 1.50 0.00	27.69 1.47 -0.01	31.34 1.85 0.00	47.27 3.22 0.00	40.67 3.30 0.00	30.62 2.01 0.00	29.52 1.51 0.00	28.08 1.81 -0.01	37.46 2.44 -0.06	45.79 2.55 -5.64	43.09 2.62 0.00	41.88 2.56 -0.01	40.70 2.46 0.00	37.08 2.69 0.00	45.86 3.34 -0.46	44.84 2.44 -9.36	40.79 2.28 0.00	36.17 2.07 0.00	34.31 2.04 -1.03	32.32 1.70 0.00	34.99 1.43 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.24 1.10 -0.98	27.39 1.57 -0.01	26.86 1.44 0.00	26.80 1.49 0.00	27.69 1.47 -0.01	31.34 1.85 0.00	47.27 3.22 0.00	40.67 3.29 0.00	30.62 2.01 0.00	29.52 1.50 0.00	28.08 1.81 -0.01	37.46 2.44 -0.06	45.79 2.55 -5.64	43.09 2.62 0.00	41.88 2.56 -0.01	40.70 2.46 0.00	37.08 2.69 0.00	45.86 3.34 -0.46	44.84 2.44 -9.36	40.78 2.27 0.00	36.16 2.07 0.00	34.31 2.03 -1.03	32.32 1.69 0.00	34.99 1.42 0.00
CALPINE_BP_GT1 23823	22.24 1.10 -0.98	27.39 1.57 -0.01	26.86 1.44 0.00	26.80 1.49 0.00	27.69 1.47 -0.01	31.34 1.85 0.00	47.27 3.22 0.00	40.67 3.29 0.00	30.62 2.01 0.00	29.52 1.50 0.00	28.08 1.81 -0.01	37.46 2.44 -0.06	45.79 2.55 -5.64	43.09 2.62 0.00	41.88 2.56 -0.01	40.70 2.46 0.00	37.08 2.69 0.00	45.86 3.34 -0.46	44.84 2.44 -9.36	40.78 2.27 0.00	36.16 2.07 0.00	34.31 2.03 -1.03	32.32 1.69 0.00	34.99 1.42 0.00
CALSPAN___DRP 24200	19.28 -0.88 0.00	24.56 -1.25 0.00	24.31 -1.10 0.00	24.10 -1.21 0.00	25.36 -0.86 0.00	28.89 -0.60 0.00	43.66 -0.39 0.00	36.48 -0.89 0.00	28.15 -0.46 0.00	27.52 -0.49 0.00	25.66 -0.60 0.00	34.12 -0.84 0.00	37.08 -0.52 0.00	39.89 -0.57 0.00	38.98 -0.34 0.00	37.82 -0.42 0.00	33.66 -0.73 0.00	41.40 -0.78 -0.12	34.49 -1.05 -2.51	37.38 -1.13 0.00	33.06 -1.03 0.00	30.25 -1.00 0.00	29.90 -0.73 0.00	32.96 -0.60 0.00
CALVERTON___SOLAR 323806	20.94 1.43 0.66	27.90 2.09 0.00	27.39 1.98 0.00	27.34 2.03 0.00	28.20 1.99 0.00	31.99 2.50 0.00	48.51 4.46 0.00	41.73 4.35 0.00	31.31 2.70 0.00	30.06 2.04 0.00	28.56 2.29 -0.01	38.28 3.27 -0.05	45.58 3.44 -4.55	44.17 3.71 0.00	43.04 3.71 -0.01	41.75 3.51 0.00	38.03 3.64 0.00	46.92 4.40 -0.46	45.67 3.27 -9.36	41.72 3.21 0.00	37.01 2.92 0.00	35.00 2.91 -0.86	32.97 2.34 0.00	35.61 2.05 0.00
CANDIGU_WT_PWR 323617	18.86 -1.30 0.00	24.13 -1.68 0.00	23.90 -1.51 0.00	23.89 -1.42 0.00	24.93 -1.28 0.00	28.48 -1.00 0.00	47.71 -0.60 -4.26	36.82 -0.55 0.00	29.40 -0.70 -1.49	29.62 -0.71 -2.31	26.23 -0.63 -0.60	34.96 -0.97 -0.96	38.02 -0.73 -1.15	41.12 -0.31 -0.96	41.68 -0.02 -2.38	39.16 0.06 -0.87	34.18 -0.32 -0.11	41.87 -0.34 -0.15	35.54 -0.58 -3.08	41.00 -0.85 -3.35	34.70 -0.81 -1.42	31.75 -0.93 -1.45	30.13 -0.74 -0.24	33.16 -0.80 -0.40

CARR STREET_E__SYR 24060	19.84 -0.33 0.00	25.38 -0.43 0.00	24.99 -0.42 0.00	24.85 -0.45 0.00	25.73 -0.49 0.00	29.02 -0.47 0.00	43.66 -0.39 0.00	37.05 -0.33 0.00	28.32 -0.29 0.00	27.64 -0.38 0.00	25.90 -0.36 0.00	34.40 -0.56 0.00	37.00 -0.59 0.00	39.83 -0.64 0.00	38.76 -0.56 0.00	37.73 -0.50 0.00	34.03 -0.36 0.00	41.77 -0.37 -0.09	34.40 -0.44 -1.81	37.81 -0.69 0.00	33.44 -0.66 0.00	30.54 -0.70 0.00	29.94 -0.69 0.00	32.91 -0.66 0.00
CARTHAGE__PAPER 23857	21.29 -0.83 -1.95	27.02 -1.01 -2.21	26.34 -0.90 -1.83	24.51 -0.80 0.00	25.43 -0.79 0.00	28.63 -0.86 0.00	43.37 -0.68 0.00	37.42 0.04 0.00	28.60 -0.01 0.00	28.36 0.35 0.00	26.88 0.62 0.00	35.73 0.76 0.00	38.50 0.90 0.00	41.37 0.90 0.00	40.12 0.80 0.00	38.62 0.38 0.00	34.56 0.17 0.00	42.49 0.38 -0.05	34.49 0.49 -0.97	39.02 0.52 0.00	34.41 0.32 0.00	31.63 0.39 0.00	31.17 0.53 0.00	34.21 0.65 0.00
CASSADAGA_WT_PWR 323784	19.11 -1.05 0.00	24.43 -1.38 0.00	24.26 -1.15 0.00	24.07 -1.24 0.00	25.45 -0.77 0.00	29.31 -0.17 0.00	31.84 0.45 12.66	37.25 -0.12 0.00	24.21 0.03 4.43	21.00 -0.15 6.87	24.19 -0.28 1.79	31.78 -0.31 2.88	34.71 0.56 3.45	38.35 0.77 2.88	33.07 0.87 7.12	36.36 0.71 2.59	33.81 -0.25 0.34	42.61 0.42 -0.13	35.38 -0.23 -2.58	28.02 -0.30 10.18	29.60 -0.19 4.30	26.52 -0.32 4.39	29.73 -0.17 0.73	32.27 -0.09 1.20
CE_DUNWOOD__DRP 24194	20.96 0.80 0.00	26.86 1.04 0.00	26.46 1.05 0.00	26.41 1.10 0.00	27.29 1.07 0.00	30.84 1.35 0.00	46.58 2.52 0.00	39.99 2.62 0.00	30.29 1.68 0.00	29.36 1.34 0.00	27.67 1.41 0.00	36.74 1.78 0.00	39.43 1.83 0.00	42.31 1.85 0.00	41.05 1.73 0.00	40.14 1.90 0.00	36.67 2.28 0.00	45.51 2.99 -0.46	44.51 2.14 -9.35	40.36 1.85 0.00	35.68 1.58 0.00	32.57 1.33 0.00	31.73 1.10 0.00	34.49 0.93 0.00
CE_MILLWOOD__DRP 24193	20.93 0.76 0.00	26.82 1.01 0.00	26.42 1.01 0.00	26.37 1.07 0.00	27.25 1.03 0.00	30.79 1.31 0.00	46.50 2.45 0.00	39.91 2.54 0.00	30.23 1.62 0.00	29.30 1.28 0.00	27.60 1.35 0.00	36.66 1.70 0.00	39.34 1.74 0.00	42.23 1.76 0.00	40.97 1.65 0.00	40.06 1.82 0.00	36.59 2.20 0.00	45.41 2.89 -0.46	44.41 2.06 -9.31	40.28 1.77 0.00	35.61 1.51 0.00	32.49 1.25 0.00	31.67 1.04 0.00	34.44 0.88 0.00
CE_NYC2_DRP 24202	21.02 0.86 0.00	26.88 1.07 0.00	26.49 1.08 0.00	26.43 1.13 0.00	27.30 1.09 0.00	30.89 1.40 0.00	46.72 2.66 0.00	40.18 2.80 0.00	30.45 1.84 0.00	29.52 1.51 0.00	27.85 1.59 0.00	36.95 1.99 0.00	39.66 2.06 0.00	42.50 2.03 0.00	41.23 1.91 0.00	40.35 2.11 0.00	36.88 2.49 0.00	45.73 3.21 -0.46	44.71 2.32 -9.36	40.52 2.02 0.00	35.81 1.72 0.00	32.69 1.45 0.00	31.83 1.20 0.00	34.54 0.98 0.00
CE_NYC_DRP 24195	21.00 0.84 0.00	26.88 1.07 0.00	26.48 1.07 0.00	26.43 1.12 0.00	27.30 1.08 0.00	30.88 1.39 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.42 1.81 0.00	29.50 1.48 0.00	27.84 1.58 0.00	36.93 1.97 0.00	39.63 2.04 0.00	42.48 2.02 0.00	41.21 1.89 0.00	40.32 2.08 0.00	36.87 2.48 0.00	45.74 3.22 -0.46	44.74 2.34 -9.36	40.54 2.03 0.00	35.81 1.72 0.00	32.70 1.46 0.00	31.84 1.21 0.00	34.54 0.98 0.00
CHAFFEE__LFGE 323603	19.34 -0.83 0.00	24.63 -1.18 0.00	24.37 -1.04 0.00	24.16 -1.14 0.00	25.40 -0.81 0.00	28.93 -0.56 0.00	32.26 -0.29 11.50	36.58 -0.79 0.00	24.21 -0.38 4.02	21.38 -0.40 6.24	24.12 -0.52 1.62	31.59 -0.75 2.62	34.00 -0.45 3.14	37.32 -0.52 2.63	32.54 -0.28 6.49	35.50 -0.37 2.37	33.41 -0.67 0.31	41.50 -0.69 -0.13	34.61 -0.97 -2.55	28.20 -1.02 9.29	29.22 -0.95 3.93	26.32 -0.91 4.01	29.26 -0.70 0.67	31.89 -0.58 1.10
CHATEAUG_35_KV_LOAD 355732	-24.17 -0.50 43.84	-24.57 -0.70 49.68	-16.29 -0.68 41.02	24.87 -0.43 0.00	26.22 0.01 0.00	29.83 0.34 0.00	44.14 0.08 0.00	37.25 -0.13 0.00	28.56 -0.05 0.00	28.24 0.22 0.00	26.59 0.33 0.00	35.71 0.75 0.00	38.60 1.01 0.00	41.74 1.27 0.00	40.76 1.44 0.00	39.16 0.92 0.00	34.93 0.54 0.00	42.39 0.33 0.00	33.77 0.73 0.00	39.88 1.37 0.00	35.64 1.54 0.00	32.87 1.63 0.00	32.36 1.73 0.00	35.39 1.83 0.00
CHATEAUG_WT_PWR 323614	-21.11 -0.67 40.61	-21.10 -0.89 46.02	-13.42 -0.84 37.99	24.75 -0.55 0.00	26.13 -0.08 0.00	29.75 0.26 0.00	43.98 -0.07 0.00	37.14 -0.24 0.00	28.45 -0.16 0.00	28.13 0.11 0.00	26.49 0.23 0.00	35.57 0.61 0.00	38.47 0.87 0.00	41.60 1.13 0.00	40.65 1.33 0.00	39.02 0.79 0.00	34.85 0.46 0.00	42.28 0.22 0.00	33.67 0.64 0.00	39.75 1.25 0.00	35.54 1.45 0.00	32.78 1.54 0.00	32.29 1.66 0.00	35.33 1.77 0.00
CHAT_HIGH_FALL_HYD 323578	-24.17 -0.50 43.84	-24.56 -0.70 49.68	-16.29 -0.68 41.02	24.87 -0.43 0.00	26.22 0.01 0.00	29.83 0.34 0.00	44.14 0.08 0.00	37.25 -0.13 0.00	28.56 -0.05 0.00	28.24 0.22 0.00	26.59 0.33 0.00	35.71 0.75 0.00	38.60 1.01 0.00	41.74 1.27 0.00	40.76 1.44 0.00	39.16 0.92 0.00	34.93 0.54 0.00	42.40 0.33 0.00	33.77 0.73 0.00	39.88 1.37 0.00	35.64 1.54 0.00	32.87 1.63 0.00	32.36 1.73 0.00	35.39 1.83 0.00
CHAUTAUQUA__LFGE 323629	19.21 -0.96 0.00	24.50 -1.32 0.00	24.29 -1.12 0.00	24.09 -1.21 0.00	25.36 -0.85 0.00	29.06 -0.42 0.00	32.17 -0.04 11.84	36.86 -0.52 0.00	24.26 -0.21 4.14	21.28 -0.32 6.42	24.15 -0.44 1.67	31.70 -0.57 2.69	34.33 -0.04 3.23	37.80 0.03 2.70	32.83 0.18 6.67	35.89 0.08 2.43	33.60 -0.47 0.32	42.08 -0.11 -0.13	34.97 -0.63 -2.57	28.23 -0.74 9.54	29.40 -0.66 4.03	26.43 -0.70 4.11	29.47 -0.47 0.69	32.05 -0.39 1.13
CHERRYST_13_KV_LD 356241	21.05 0.88 0.00	26.95 1.14 0.00	26.55 1.14 0.00	26.49 1.18 0.00	27.36 1.15 0.00	30.96 1.47 0.00	46.83 2.78 0.00	40.26 2.88 0.00	30.51 1.90 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.08 0.00	39.76 2.17 0.00	42.62 2.15 0.00	41.35 2.03 0.00	40.46 2.22 0.00	36.99 2.60 0.00	45.88 3.36 -0.46	44.84 2.45 -9.36	40.65 2.15 0.00	35.90 1.81 0.00	32.78 1.54 0.00	31.92 1.29 0.00	34.62 1.06 0.00
CHESTROR_138KV_BK263 355645	20.78 0.62 0.00	26.62 0.81 0.00	26.23 0.82 0.00	26.18 0.88 0.00	27.06 0.84 0.00	30.56 1.07 0.00	46.11 2.05 0.00	39.52 2.14 0.00	29.96 1.35 0.00	29.05 1.04 0.00	27.34 1.08 0.00	36.35 1.38 0.00	39.00 1.41 0.00	41.88 1.42 0.00	40.65 1.33 0.00	39.72 1.48 0.00	36.24 1.85 0.00	44.98 2.48 -0.43	43.55 1.75 -8.78	39.97 1.46 0.00	35.32 1.23 0.00	32.25 1.01 0.00	31.45 0.82 0.00	34.24 0.68 0.00
CH_MIDHUDSON__DRP 24192	21.03 0.86 0.00	26.95 1.14 0.00	26.53 1.11 0.00	26.46 1.16 0.00	27.36 1.15 0.00	30.91 1.42 0.00	46.60 2.55 0.00	39.96 2.59 0.00	30.27 1.66 0.00	29.36 1.34 0.00	27.60 1.34 0.00	36.66 1.70 0.00	39.33 1.73 0.00	42.25 1.78 0.00	41.01 1.69 0.00	40.11 1.87 0.00	36.62 2.23 0.00	45.46 2.92 -0.47	44.71 2.09 -9.59	40.36 1.86 0.00	35.68 1.59 0.00	32.54 1.30 0.00	31.72 1.10 0.00	34.52 0.96 0.00

CH_MISC_IPPS 23765	21.12 0.95 0.00	27.06 1.24 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.48 1.27 0.00	31.06 1.57 0.00	46.88 2.83 0.00	40.22 2.84 0.00	30.47 1.86 0.00	29.56 1.54 0.00	27.79 1.53 0.00	36.92 1.96 0.00	39.60 2.01 0.00	42.53 2.06 0.00	41.28 1.97 0.00	40.36 2.12 0.00	36.86 2.47 0.00	45.74 3.22 -0.46	44.79 2.34 -9.42	40.63 2.13 0.00	35.92 1.83 0.00	32.75 1.51 0.00	31.93 1.30 0.00	34.73 1.17 0.00
CH_RES_BVR_FALLS 23983	19.79 -0.38 0.00	25.36 -0.45 0.00	25.02 -0.40 0.00	24.87 -0.44 0.00	25.80 -0.42 0.00	28.99 -0.50 0.00	43.19 -0.86 0.00	36.55 -0.82 0.00	28.07 -0.54 0.00	27.84 -0.18 0.00	26.13 -0.13 0.00	34.90 -0.06 0.00	37.56 -0.04 0.00	40.32 -0.15 0.00	39.06 -0.26 0.00	37.86 -0.37 0.00	33.94 -0.45 0.00	41.55 -0.51 0.00	32.71 -0.33 0.00	38.26 -0.25 0.00	34.01 -0.09 0.00	31.46 0.22 0.00	30.88 0.25 0.00	33.81 0.25 0.00
CH_RES_NIAGARA 23895	18.59 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.02 0.00	23.15 -2.15 0.00	24.43 -1.78 0.00	27.76 -1.73 0.00	33.02 -2.13 8.90	34.74 -2.64 0.00	23.85 -1.65 3.11	21.63 -1.56 4.83	23.25 -1.75 1.25	30.48 -2.46 2.02	32.90 -2.27 2.43	35.82 -2.62 2.03	32.11 -2.19 5.01	34.04 -2.37 1.82	31.71 -2.44 0.24	39.19 -2.99 -0.12	32.67 -2.76 -2.41	28.45 -2.87 7.17	28.51 -2.55 3.03	25.87 -2.28 3.10	28.00 -2.11 0.52	30.74 -1.98 0.85
CH_RES_SYRACUSE 23985	19.98 -0.18 0.00	25.53 -0.29 0.00	25.13 -0.28 0.00	25.00 -0.30 0.00	25.87 -0.35 0.00	29.20 -0.29 0.00	43.95 -0.10 0.00	37.30 -0.07 0.00	28.51 -0.10 0.00	27.84 -0.19 0.00	26.09 -0.17 0.00	34.63 -0.34 0.00	37.26 -0.34 0.00	40.09 -0.38 0.00	39.03 -0.29 0.00	38.00 -0.24 0.00	34.26 -0.13 0.00	42.09 -0.07 -0.09	34.76 -0.20 -1.93	38.09 -0.41 0.00	33.70 -0.40 0.00	30.78 -0.46 0.00	30.14 -0.49 0.00	33.12 -0.45 0.00
CLINTON_WT_PWR 323605	-21.11 -0.67 40.61	-21.10 -0.89 46.02	-13.42 -0.84 37.99	24.75 -0.55 0.00	26.13 -0.08 0.00	29.75 0.26 0.00	43.98 -0.07 0.00	37.14 -0.24 0.00	28.45 -0.16 0.00	28.13 0.11 0.00	26.49 0.23 0.00	35.57 0.61 0.00	38.47 0.87 0.00	41.60 1.13 0.00	40.65 1.33 0.00	39.02 0.79 0.00	34.85 0.46 0.00	42.28 0.22 0.00	33.67 0.64 0.00	39.75 1.25 0.00	35.54 1.45 0.00	32.78 1.54 0.00	32.29 1.66 0.00	35.33 1.77 0.00
CLINTON__LFGE 323618	-22.64 -0.19 42.62	-22.83 -0.35 48.30	-14.91 -0.45 39.88	25.10 -0.20 0.00	26.48 0.27 0.00	30.18 0.69 0.00	44.74 0.69 0.00	37.92 0.55 0.00	29.03 0.42 0.00	28.72 0.71 0.00	27.02 0.76 0.00	35.96 0.99 0.00	38.89 1.30 0.00	42.10 1.64 0.00	41.13 1.81 0.00	39.38 1.14 0.00	35.24 0.85 0.00	42.75 0.69 0.00	34.08 1.05 0.00	40.23 1.72 0.00	36.05 1.95 0.00	33.23 1.99 0.00	32.73 2.10 0.00	35.77 2.21 0.00
COBBLENY_34_KV_TB1 80064	19.34 -0.83 0.00	24.63 -1.19 0.00	24.37 -1.04 0.00	24.16 -1.14 0.00	25.40 -0.82 0.00	28.93 -0.56 0.00	43.75 -0.30 0.00	36.58 -0.79 0.00	28.23 -0.38 0.00	27.60 -0.42 0.00	25.74 -0.52 0.00	34.22 -0.75 0.00	37.14 -0.45 0.00	39.95 -0.52 0.00	39.03 -0.28 0.00	37.86 -0.38 0.00	33.72 -0.66 0.00	41.49 -0.70 -0.13	34.61 -0.97 -2.55	37.47 -1.04 0.00	33.14 -0.96 0.00	30.31 -0.93 0.00	29.93 -0.70 0.00	32.98 -0.58 0.00
COFFEEN__115KV_TB3 355620	20.87 -0.92 -1.63	26.49 -1.17 -1.84	25.86 -1.08 -1.53	24.36 -0.94 0.00	25.25 -0.97 0.00	28.46 -1.02 0.00	43.23 -0.82 0.00	37.34 -0.03 0.00	28.51 -0.10 0.00	28.25 0.23 0.00	26.82 0.56 0.00	35.65 0.69 0.00	38.37 0.77 0.00	41.19 0.72 0.00	39.97 0.65 0.00	38.49 0.25 0.00	34.54 0.15 0.00	42.55 0.44 -0.05	34.64 0.50 -1.11	38.94 0.44 0.00	34.29 0.20 0.00	31.44 0.20 0.00	30.96 0.33 0.00	33.98 0.41 0.00
COLDSPRG_115KV_BK1 355956	19.99 -0.17 0.00	25.52 -0.30 0.00	25.29 -0.12 0.00	25.08 -0.22 0.00	26.33 0.11 0.00	30.10 0.61 0.00	45.89 1.83 0.00	38.47 1.09 0.00	29.54 0.93 0.00	28.86 0.84 0.00	26.92 0.67 0.00	35.90 0.94 0.00	39.16 1.56 0.00	42.23 1.76 0.00	41.15 1.83 0.00	39.91 1.67 0.00	35.03 0.64 0.00	43.65 1.46 -0.13	36.30 0.65 -2.62	39.28 0.77 0.00	34.84 0.75 0.00	31.83 0.59 0.00	31.33 0.70 0.00	34.37 0.80 0.00
COLONIE_LFGE__ 323577	20.93 0.76 0.00	26.82 1.00 0.00	26.38 0.97 0.00	26.31 1.01 0.00	27.26 1.04 0.00	30.63 1.14 0.00	45.91 1.86 0.00	39.21 1.83 0.00	29.73 1.12 0.00	28.79 0.77 0.00	26.94 0.68 0.00	35.86 0.90 0.00	38.59 0.99 0.00	41.58 1.11 0.00	40.44 1.13 0.00	39.58 1.34 0.00	36.10 1.71 0.00	44.65 2.02 -0.56	45.86 1.40 -11.42	39.69 1.18 0.00	35.23 1.14 0.00	32.13 0.89 0.00	31.46 0.83 0.00	34.29 0.73 0.00
COOPERNY_115KV_TB1 80082	20.58 0.42 0.00	26.38 0.56 0.00	25.98 0.56 0.00	25.90 0.60 0.00	26.79 0.57 0.00	30.25 0.77 0.00	45.59 1.54 0.00	38.99 1.61 0.00	29.61 1.00 0.00	28.78 0.77 0.00	27.05 0.79 0.00	35.98 1.02 0.00	38.62 1.02 0.00	41.49 1.03 0.00	40.28 0.97 0.00	39.33 1.09 0.00	35.76 1.37 0.00	44.29 1.87 -0.36	41.71 1.30 -7.39	39.56 1.06 0.00	34.97 0.88 0.00	31.94 0.70 0.00	31.18 0.55 0.00	34.01 0.45 0.00
COPENHAGEN_WT_PWR 323753	20.43 -1.28 -1.54	25.96 -1.60 -1.75	25.38 -1.47 -1.44	24.01 -1.30 0.00	24.87 -1.35 0.00	27.97 -1.52 0.00	42.51 -1.55 0.00	36.83 -0.55 0.00	28.08 -0.53 0.00	27.88 -0.14 0.00	26.52 0.26 0.00	35.20 0.23 0.00	37.95 0.36 0.00	40.71 0.24 0.00	39.46 0.15 0.00	37.92 -0.32 0.00	34.03 -0.36 0.00	41.94 -0.17 -0.06	34.27 0.09 -1.15	38.44 -0.07 0.00	33.84 -0.26 0.00	31.06 -0.18 0.00	30.66 0.03 0.00	33.69 0.13 0.00
CORNELL____ 23752	20.32 0.16 0.00	26.00 0.18 0.00	25.61 0.20 0.00	25.48 0.17 0.00	26.42 0.20 0.00	29.92 0.43 0.00	45.24 1.19 0.00	38.47 1.10 0.00	29.40 0.79 0.00	28.69 0.68 0.00	26.91 0.65 0.00	35.72 0.76 0.00	38.44 0.85 0.00	41.47 1.01 0.00	40.43 1.11 0.00	39.35 1.12 0.00	35.47 1.08 0.00	43.65 1.44 -0.15	37.03 0.94 -3.06	39.35 0.85 0.00	34.78 0.68 0.00	31.70 0.46 0.00	31.00 0.37 0.00	33.94 0.38 0.00
CORONAAV_69_KV_TB1 355595	29.71 1.18 -8.36	27.49 1.63 -0.05	26.98 1.52 -0.04	26.91 1.57 -0.04	27.81 1.55 -0.05	31.46 1.96 -0.01	47.57 3.52 0.00	40.85 3.48 0.00	30.79 2.18 0.00	29.75 1.73 0.00	28.28 2.01 -0.02	37.70 2.65 -0.09	48.43 2.74 -8.09	43.33 2.86 0.00	42.08 2.76 -0.01	40.96 2.72 0.00	37.38 2.99 0.00	46.24 3.72 -0.46	45.13 2.73 -9.36	41.10 2.60 0.00	36.38 2.28 0.00	34.80 2.14 -1.42	32.37 1.74 0.00	35.09 1.53 0.00
CORTLAND_115KV_TB3 80093	20.17 0.01 0.00	25.84 0.03 0.00	25.46 0.04 0.00	25.32 0.02 0.00	26.22 0.01 0.00	29.66 0.17 0.00	44.77 0.72 0.00	38.06 0.68 0.00	29.06 0.45 0.00	28.36 0.34 0.00	26.60 0.34 0.00	35.31 0.34 0.00	38.01 0.42 0.00	40.98 0.51 0.00	39.88 0.56 0.00	38.84 0.60 0.00	35.02 0.63 0.00	43.08 0.89 -0.13	36.17 0.52 -2.63	38.88 0.37 0.00	34.37 0.28 0.00	31.37 0.13 0.00	30.70 0.07 0.00	33.63 0.07 0.00

COXSACKIE___GT 23611	21.60 1.44 0.00	27.77 1.96 0.00	27.35 1.94 0.00	27.29 1.99 0.00	28.29 2.07 0.00	31.79 2.31 0.00	47.79 3.74 0.00	40.81 3.43 0.00	30.93 2.33 0.00	29.64 1.62 0.00	27.73 1.47 0.00	37.06 2.10 0.00	39.95 2.35 0.00	43.23 2.77 0.00	42.26 2.95 0.00	41.52 3.28 0.00	37.89 3.50 0.00	46.85 4.26 -0.53	46.86 3.04 -10.79	41.54 3.04 0.00	36.74 2.64 0.00	33.41 2.17 0.00	32.64 2.01 0.00	35.53 1.96 0.00
CPV_VALLEY___CC1 323721	20.63 0.46 0.00	26.44 0.62 0.00	26.04 0.63 0.00	25.98 0.68 0.00	26.86 0.64 0.00	30.32 0.84 0.00	45.71 1.66 0.00	39.17 1.80 0.00	29.71 1.10 0.00	28.84 0.82 0.00	27.12 0.87 0.00	36.05 1.09 0.00	38.68 1.08 0.00	41.54 1.07 0.00	40.32 1.00 0.00	39.38 1.15 0.00	35.90 1.51 0.00	44.54 2.07 -0.41	42.73 1.43 -8.27	39.64 1.13 0.00	35.04 0.95 0.00	31.99 0.74 0.00	31.21 0.58 0.00	34.00 0.44 0.00
CPV_VALLEY___CC2 323722	20.63 0.46 0.00	26.44 0.62 0.00	26.04 0.63 0.00	25.98 0.68 0.00	26.86 0.64 0.00	30.32 0.84 0.00	45.71 1.66 0.00	39.17 1.80 0.00	29.71 1.10 0.00	28.84 0.82 0.00	27.12 0.87 0.00	36.05 1.09 0.00	38.68 1.08 0.00	41.54 1.07 0.00	40.32 1.00 0.00	39.38 1.15 0.00	35.90 1.51 0.00	44.54 2.07 -0.41	42.73 1.43 -8.27	39.64 1.13 0.00	35.04 0.95 0.00	31.99 0.74 0.00	31.21 0.58 0.00	34.00 0.44 0.00
CRESCENT___HYD 24018	20.93 0.76 0.00	26.82 1.00 0.00	26.38 0.97 0.00	26.31 1.01 0.00	27.26 1.04 0.00	30.63 1.14 0.00	45.91 1.86 0.00	39.21 1.83 0.00	29.73 1.12 0.00	28.79 0.77 0.00	26.94 0.68 0.00	35.86 0.90 0.00	38.59 0.99 0.00	41.58 1.11 0.00	40.44 1.13 0.00	39.58 1.34 0.00	36.10 1.71 0.00	44.65 2.02 -0.56	45.86 1.40 -11.42	39.69 1.18 0.00	35.23 1.14 0.00	32.13 0.89 0.00	31.46 0.83 0.00	34.29 0.73 0.00
CRICKET___VALLEY_CC1 323756	20.92 0.76 0.00	26.81 1.00 0.00	26.38 0.97 0.00	26.33 1.03 0.00	27.22 1.01 0.00	30.73 1.24 0.00	46.19 2.14 0.00	39.64 2.26 0.00	30.00 1.39 0.00	29.06 1.05 0.00	27.28 1.02 0.00	36.23 1.27 0.00	38.82 1.23 0.00	41.80 1.33 0.00	40.57 1.25 0.00	39.70 1.46 0.00	36.30 1.91 0.00	45.02 2.48 -0.48	44.58 1.74 -9.82	39.90 1.40 0.00	35.29 1.19 0.00	32.15 0.91 0.00	31.38 0.75 0.00	34.15 0.59 0.00
CRICKET___VALLEY_CC2 323757	20.92 0.76 0.00	26.81 1.00 0.00	26.38 0.97 0.00	26.33 1.03 0.00	27.22 1.01 0.00	30.73 1.24 0.00	46.19 2.14 0.00	39.64 2.26 0.00	30.00 1.39 0.00	29.06 1.05 0.00	27.28 1.02 0.00	36.23 1.27 0.00	38.82 1.23 0.00	41.80 1.33 0.00	40.57 1.25 0.00	39.70 1.46 0.00	36.30 1.91 0.00	45.02 2.48 -0.48	44.58 1.74 -9.82	39.90 1.40 0.00	35.29 1.19 0.00	32.15 0.91 0.00	31.38 0.75 0.00	34.15 0.59 0.00
CRICKET___VALLEY_CC3 323758	20.92 0.76 0.00	26.81 1.00 0.00	26.38 0.97 0.00	26.33 1.03 0.00	27.22 1.01 0.00	30.73 1.24 0.00	46.19 2.14 0.00	39.64 2.26 0.00	30.00 1.39 0.00	29.06 1.05 0.00	27.28 1.02 0.00	36.23 1.27 0.00	38.82 1.23 0.00	41.80 1.33 0.00	40.57 1.25 0.00	39.70 1.46 0.00	36.30 1.91 0.00	45.02 2.48 -0.48	44.58 1.74 -9.82	39.90 1.40 0.00	35.29 1.19 0.00	32.15 0.91 0.00	31.38 0.75 0.00	34.15 0.59 0.00
CRUCIBLE_METL_DRP 24180	19.98 -0.18 0.00	25.53 -0.29 0.00	25.13 -0.28 0.00	25.00 -0.30 0.00	25.87 -0.34 0.00	29.20 -0.29 0.00	43.95 -0.10 0.00	37.30 -0.07 0.00	28.51 -0.10 0.00	27.83 -0.19 0.00	26.09 -0.17 0.00	34.63 -0.33 0.00	37.26 -0.34 0.00	40.09 -0.38 0.00	39.03 -0.29 0.00	38.00 -0.24 0.00	34.27 -0.12 0.00	42.08 -0.08 -0.09	34.76 -0.20 -1.93	38.09 -0.42 0.00	33.70 -0.40 0.00	30.77 -0.47 0.00	30.14 -0.49 0.00	33.12 -0.45 0.00
DAHOWA___HYDRO 323763	20.95 0.79 0.00	26.84 1.03 0.00	26.39 0.98 0.00	26.33 1.02 0.00	27.30 1.09 0.00	30.78 1.30 0.00	46.22 2.17 0.00	39.48 2.10 0.00	29.92 1.30 0.00	28.93 0.91 0.00	27.04 0.79 0.00	36.09 1.13 0.00	38.88 1.28 0.00	41.93 1.46 0.00	40.78 1.46 0.00	39.88 1.65 0.00	36.48 2.09 0.00	45.13 2.50 -0.57	46.35 1.73 -11.59	40.34 1.83 0.00	35.82 1.72 0.00	32.68 1.44 0.00	31.98 1.36 0.00	34.86 1.29 0.00
DANC___LFGE 323619	20.22 -1.01 -1.07	25.74 -1.28 -1.21	25.21 -1.20 -1.00	24.20 -1.11 0.00	25.06 -1.16 0.00	28.22 -1.27 0.00	42.71 -1.35 0.00	36.69 -0.68 0.00	28.01 -0.60 0.00	27.62 -0.40 0.00	26.13 -0.13 0.00	34.68 -0.28 0.00	37.36 -0.23 0.00	40.13 -0.34 0.00	38.95 -0.37 0.00	37.62 -0.61 0.00	33.83 -0.56 0.00	41.64 -0.49 -0.07	34.08 -0.30 -1.35	37.99 -0.51 0.00	33.49 -0.60 0.00	30.71 -0.53 0.00	30.23 -0.40 0.00	33.23 -0.33 0.00
DANSKAMMER___1 23586	21.12 0.95 0.00	27.06 1.24 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.48 1.27 0.00	31.06 1.57 0.00	46.88 2.83 0.00	40.22 2.84 0.00	30.47 1.86 0.00	29.56 1.54 0.00	27.79 1.53 0.00	36.92 1.96 0.00	39.60 2.01 0.00	42.53 2.06 0.00	41.28 1.97 0.00	40.36 2.12 0.00	36.86 2.47 0.00	45.74 3.22 -0.46	44.79 2.34 -9.42	40.63 2.13 0.00	35.92 1.83 0.00	32.75 1.51 0.00	31.93 1.30 0.00	34.73 1.17 0.00
DANSKAMMER___2 23589	21.12 0.95 0.00	27.06 1.24 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.48 1.27 0.00	31.06 1.57 0.00	46.88 2.83 0.00	40.22 2.84 0.00	30.47 1.86 0.00	29.56 1.54 0.00	27.79 1.53 0.00	36.92 1.96 0.00	39.60 2.01 0.00	42.53 2.06 0.00	41.28 1.97 0.00	40.36 2.12 0.00	36.86 2.47 0.00	45.74 3.22 -0.46	44.79 2.34 -9.42	40.63 2.13 0.00	35.92 1.83 0.00	32.75 1.51 0.00	31.93 1.30 0.00	34.73 1.17 0.00
DANSKAMMER___3 23590	21.12 0.95 0.00	27.06 1.24 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.48 1.27 0.00	31.06 1.57 0.00	46.88 2.83 0.00	40.22 2.84 0.00	30.47 1.86 0.00	29.56 1.54 0.00	27.79 1.53 0.00	36.92 1.96 0.00	39.60 2.01 0.00	42.53 2.06 0.00	41.28 1.97 0.00	40.36 2.12 0.00	36.86 2.47 0.00	45.74 3.22 -0.46	44.79 2.34 -9.42	40.63 2.13 0.00	35.92 1.83 0.00	32.75 1.51 0.00	31.93 1.30 0.00	34.73 1.17 0.00
DANSKAMMER___4 23591	21.12 0.95 0.00	27.06 1.24 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.48 1.27 0.00	31.06 1.57 0.00	46.88 2.83 0.00	40.22 2.84 0.00	30.47 1.86 0.00	29.56 1.54 0.00	27.79 1.53 0.00	36.92 1.96 0.00	39.60 2.01 0.00	42.53 2.06 0.00	41.28 1.97 0.00	40.36 2.12 0.00	36.86 2.47 0.00	45.74 3.22 -0.46	44.79 2.34 -9.42	40.63 2.13 0.00	35.92 1.83 0.00	32.75 1.51 0.00	31.93 1.30 0.00	34.73 1.17 0.00
DANSKAMMER___DIESEL 23592	21.12 0.95 0.00	27.06 1.24 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.48 1.27 0.00	31.06 1.57 0.00	46.88 2.83 0.00	40.22 2.84 0.00	30.47 1.86 0.00	29.56 1.54 0.00	27.79 1.53 0.00	36.92 1.96 0.00	39.61 2.01 0.00	42.53 2.06 0.00	41.28 1.97 0.00	40.37 2.13 0.00	36.86 2.47 0.00	45.74 3.22 -0.46	44.79 2.34 -9.42	40.64 2.13 0.00	35.92 1.83 0.00	32.75 1.51 0.00	31.93 1.30 0.00	34.73 1.17 0.00

DARBY___SOLAR 323810	20.95 0.78 0.00	26.83 1.01 0.00	26.39 0.97 0.00	26.31 1.01 0.00	27.28 1.07 0.00	30.75 1.26 0.00	46.14 2.09 0.00	39.41 2.03 0.00	29.86 1.25 0.00	28.90 0.88 0.00	27.02 0.77 0.00	36.03 1.07 0.00	38.82 1.23 0.00	41.86 1.39 0.00	40.72 1.40 0.00	39.82 1.58 0.00	36.39 2.00 0.00	45.03 2.40 -0.57	46.26 1.67 -11.56	40.22 1.71 0.00	35.71 1.62 0.00	32.58 1.34 0.00	31.89 1.26 0.00	34.77 1.21 0.00
DASHVILLE___HYD 23610	20.97 0.81 0.00	26.89 1.08 0.00	26.44 1.02 0.00	26.36 1.06 0.00	27.25 1.04 0.00	30.79 1.30 0.00	46.40 2.34 0.00	39.78 2.40 0.00	30.15 1.54 0.00	29.25 1.24 0.00	27.49 1.23 0.00	36.48 1.52 0.00	39.14 1.55 0.00	41.95 1.48 0.00	40.69 1.38 0.00	39.79 1.55 0.00	36.28 1.89 0.00	45.08 2.54 -0.48	44.60 1.80 -9.77	40.04 1.54 0.00	35.39 1.29 0.00	32.30 1.06 0.00	31.48 0.85 0.00	34.32 0.76 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.34 1.83 0.65	28.40 2.59 0.00	27.88 2.48 0.00	27.83 2.53 0.00	28.73 2.51 0.00	32.63 3.14 0.00	49.54 5.48 0.00	42.64 5.26 0.00	31.96 3.34 0.00	30.67 2.66 0.00	29.11 2.84 -0.01	39.02 4.00 -0.05	46.44 4.29 -4.55	45.11 4.65 0.00	43.98 4.65 -0.01	42.69 4.46 0.00	38.91 4.52 0.00	48.02 5.50 -0.46	46.50 4.10 -9.36	42.68 4.17 0.00	37.82 3.73 0.00	35.71 3.62 -0.86	33.63 3.00 0.00	36.30 2.74 0.00
DELAWARE___LFGE 323621	20.53 0.37 0.00	26.34 0.53 0.00	25.90 0.48 0.00	25.78 0.48 0.00	26.70 0.48 0.00	30.21 0.72 0.00	45.55 1.50 0.00	38.85 1.48 0.00	29.61 1.00 0.00	28.86 0.84 0.00	27.08 0.82 0.00	36.04 1.08 0.00	38.66 1.06 0.00	41.59 1.12 0.00	40.47 1.15 0.00	39.44 1.20 0.00	35.67 1.27 0.00	44.06 1.76 -0.24	39.13 1.23 -4.87	39.59 1.08 0.00	34.99 0.90 0.00	31.95 0.71 0.00	31.24 0.60 0.00	34.16 0.60 0.00
DERFIELD_115KV_TB7 355931	20.18 0.02 0.00	25.86 0.04 0.00	25.45 0.04 0.00	25.35 0.05 0.00	26.24 0.03 0.00	29.51 0.03 0.00	44.15 0.10 0.00	37.54 0.16 0.00	28.69 0.08 0.00	28.07 0.05 0.00	26.31 0.05 0.00	34.98 0.02 0.00	37.65 0.06 0.00	40.51 0.04 0.00	39.32 0.00 0.00	38.28 0.05 0.00	34.56 0.17 0.00	42.29 0.22 -0.01	33.41 0.11 -0.27	38.53 0.03 0.00	34.12 0.03 0.00	31.24 0.00 0.00	30.63 0.00 0.00	33.53 -0.03 0.00
DOGLEVILLE___HYD 23807	20.32 0.15 0.00	26.08 0.26 0.00	25.62 0.21 0.00	25.61 0.30 0.00	26.46 0.25 0.00	29.80 0.31 0.00	44.88 0.83 0.00	38.65 1.28 0.00	29.25 0.64 0.00	28.13 0.11 0.00	26.30 0.04 0.00	34.89 -0.07 0.00	37.64 0.05 0.00	40.53 0.06 0.00	39.55 0.23 0.00	38.77 0.53 0.00	35.57 1.18 0.00	43.71 1.64 -0.01	34.27 0.97 -0.27	39.01 0.51 0.00	34.43 0.33 0.00	31.39 0.15 0.00	30.66 0.04 0.00	33.25 -0.31 0.00
DUNKIRK___115KV_TB_200 55889	19.23 -0.93 0.00	24.52 -1.30 0.00	24.30 -1.11 0.00	24.09 -1.21 0.00	25.36 -0.86 0.00	29.04 -0.45 0.00	43.97 -0.08 0.00	36.82 -0.56 0.00	28.37 -0.24 0.00	27.67 -0.34 0.00	25.80 -0.46 0.00	34.36 -0.60 0.00	37.47 -0.13 0.00	40.40 -0.07 0.00	39.40 0.08 0.00	38.21 -0.03 0.00	33.87 -0.52 0.00	41.98 -0.20 -0.13	34.91 -0.69 -2.56	37.70 -0.81 0.00	33.37 -0.72 0.00	30.48 -0.76 0.00	30.11 -0.52 0.00	33.13 -0.43 0.00
DUNKIRK___1 23563	19.23 -0.93 0.00	24.52 -1.30 0.00	24.30 -1.11 0.00	24.09 -1.21 0.00	25.36 -0.86 0.00	29.04 -0.45 0.00	43.97 -0.08 0.00	36.82 -0.56 0.00	28.37 -0.24 0.00	27.67 -0.34 0.00	25.80 -0.46 0.00	34.36 -0.60 0.00	37.47 -0.13 0.00	40.40 -0.07 0.00	39.40 0.08 0.00	38.21 -0.03 0.00	33.87 -0.52 0.00	41.98 -0.20 -0.13	34.91 -0.69 -2.56	37.70 -0.81 0.00	33.37 -0.72 0.00	30.48 -0.76 0.00	30.11 -0.52 0.00	33.13 -0.43 0.00
DUNKIRK___2 23564	19.23 -0.93 0.00	24.52 -1.30 0.00	24.30 -1.11 0.00	24.09 -1.21 0.00	25.36 -0.86 0.00	29.04 -0.45 0.00	43.97 -0.08 0.00	36.82 -0.56 0.00	28.37 -0.24 0.00	27.67 -0.34 0.00	25.80 -0.46 0.00	34.36 -0.60 0.00	37.47 -0.13 0.00	40.40 -0.07 0.00	39.40 0.08 0.00	38.21 -0.03 0.00	33.87 -0.52 0.00	41.98 -0.20 -0.13	34.91 -0.69 -2.56	37.70 -0.81 0.00	33.37 -0.72 0.00	30.48 -0.76 0.00	30.11 -0.52 0.00	33.13 -0.43 0.00
DUNKIRK___3 23565	19.26 -0.91 0.00	24.55 -1.26 0.00	24.34 -1.07 0.00	24.14 -1.17 0.00	25.35 -0.87 0.00	28.98 -0.50 0.00	43.91 -0.14 0.00	36.75 -0.63 0.00	28.29 -0.32 0.00	27.62 -0.40 0.00	25.75 -0.51 0.00	34.31 -0.65 0.00	37.36 -0.23 0.00	40.28 -0.19 0.00	39.28 -0.04 0.00	38.09 -0.14 0.00	33.80 -0.59 0.00	41.83 -0.36 -0.13	34.82 -0.78 -2.57	37.59 -0.91 0.00	33.30 -0.79 0.00	30.44 -0.80 0.00	30.07 -0.56 0.00	33.07 -0.49 0.00
DUNKIRK___4 23566	19.26 -0.91 0.00	24.56 -1.26 0.00	24.32 -1.09 0.00	24.12 -1.19 0.00	25.38 -0.84 0.00	29.01 -0.48 0.00	43.92 -0.14 0.00	36.74 -0.64 0.00	28.32 -0.29 0.00	27.65 -0.37 0.00	25.77 -0.49 0.00	34.31 -0.65 0.00	37.38 -0.21 0.00	40.28 -0.19 0.00	39.31 -0.01 0.00	38.12 -0.12 0.00	33.83 -0.56 0.00	41.82 -0.36 -0.12	34.78 -0.78 -2.54	37.62 -0.88 0.00	33.31 -0.79 0.00	30.43 -0.81 0.00	30.07 -0.56 0.00	33.10 -0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.00 0.84 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.33 1.11 0.00	30.89 1.40 0.00	46.65 2.60 0.00	40.07 2.69 0.00	30.35 1.74 0.00	29.42 1.40 0.00	27.73 1.47 0.00	36.83 1.87 0.00	39.52 1.92 0.00	42.40 1.93 0.00	41.14 1.82 0.00	40.22 1.98 0.00	36.75 2.36 0.00	45.60 3.07 -0.46	44.60 2.21 -9.36	40.44 1.93 0.00	35.75 1.66 0.00	32.64 1.40 0.00	31.79 1.16 0.00	34.54 0.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.93 0.76 0.00	26.80 0.99 0.00	26.40 0.99 0.00	26.34 1.04 0.00	27.23 1.02 0.00	30.77 1.29 0.00	46.44 2.39 0.00	39.82 2.44 0.00	30.18 1.57 0.00	29.28 1.26 0.00	27.54 1.28 0.00	36.59 1.63 0.00	39.26 1.67 0.00	42.16 1.69 0.00	40.92 1.60 0.00	39.99 1.75 0.00	36.50 2.11 0.00	45.31 2.80 -0.45	44.19 2.00 -9.16	40.26 1.76 0.00	35.59 1.49 0.00	32.46 1.22 0.00	31.65 1.02 0.00	34.45 0.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.02 0.85 0.00	26.90 1.09 0.00	26.52 1.11 0.00	26.46 1.15 0.00	27.33 1.11 0.00	30.89 1.40 0.00	46.72 2.67 0.00	40.19 2.82 0.00	30.44 1.83 0.00	29.50 1.49 0.00	27.82 1.56 0.00	36.90 1.94 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.18 1.87 0.00	40.31 2.07 0.00	36.83 2.44 0.00	45.67 3.15 -0.46	44.66 2.26 -9.36	40.48 1.98 0.00	35.78 1.69 0.00	32.67 1.43 0.00	31.82 1.19 0.00	34.51 0.95 0.00
E179THST_13_KV_LOAD 356214	21.10 0.93 0.00	27.00 1.19 0.00	26.61 1.19 0.00	26.55 1.25 0.00	27.42 1.20 0.00	31.01 1.52 0.00	46.91 2.86 0.00	40.37 2.99 0.00	30.57 1.96 0.00	29.63 1.61 0.00	27.95 1.69 0.00	37.07 2.11 0.00	39.81 2.21 0.00	42.66 2.19 0.00	41.38 2.06 0.00	40.50 2.26 0.00	37.01 2.62 0.00	45.89 3.37 -0.46	44.83 2.43 -9.36	40.68 2.18 0.00	35.95 1.86 0.00	32.82 1.58 0.00	31.97 1.34 0.00	34.66 1.10 0.00

EAST HAMPTON___GT 23717	21.52 2.01 0.65	28.62 2.82 0.00	28.11 2.70 0.00	28.05 2.75 0.00	28.96 2.75 0.00	32.90 3.42 0.00	50.00 5.95 0.00	43.03 5.65 0.00	32.25 3.64 0.00	30.94 2.92 0.00	29.36 3.09 -0.01	39.35 4.34 -0.05	46.80 4.65 -4.55	45.52 5.05 0.00	44.38 5.06 -0.01	43.11 4.87 0.00	39.31 4.92 0.00	48.51 5.99 -0.46	46.87 4.48 -9.36	43.10 4.60 0.00	38.19 4.10 0.00	36.04 3.94 -0.86	33.92 3.29 0.00	36.60 3.04 0.00
EAST RIVER___6 23660	20.99 0.83 0.00	26.88 1.06 0.00	26.48 1.06 0.00	26.42 1.11 0.00	27.29 1.08 0.00	30.87 1.39 0.00	46.69 2.64 0.00	40.14 2.77 0.00	30.44 1.83 0.00	29.52 1.51 0.00	27.87 1.61 0.00	36.96 2.00 0.00	39.66 2.07 0.00	42.52 2.05 0.00	41.26 1.94 0.00	40.36 2.12 0.00	36.92 2.53 0.00	45.78 3.26 -0.46	44.78 2.39 -9.36	40.57 2.07 0.00	35.83 1.73 0.00	32.72 1.48 0.00	31.87 1.24 0.00	34.52 0.96 0.00
EAST RIVER___7 23524	20.99 0.83 0.00	26.88 1.06 0.00	26.48 1.06 0.00	26.42 1.11 0.00	27.29 1.08 0.00	30.87 1.39 0.00	46.69 2.64 0.00	40.14 2.77 0.00	30.44 1.83 0.00	29.52 1.51 0.00	27.87 1.61 0.00	36.96 2.00 0.00	39.66 2.07 0.00	42.52 2.05 0.00	41.26 1.94 0.00	40.36 2.12 0.00	36.92 2.53 0.00	45.78 3.26 -0.46	44.78 2.39 -9.36	40.57 2.07 0.00	35.83 1.73 0.00	32.72 1.48 0.00	31.87 1.24 0.00	34.52 0.96 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.96 0.80 0.00	26.86 1.04 0.00	26.46 1.05 0.00	26.41 1.10 0.00	27.29 1.07 0.00	30.84 1.35 0.00	46.58 2.52 0.00	39.99 2.62 0.00	30.29 1.68 0.00	29.36 1.34 0.00	27.67 1.41 0.00	36.74 1.78 0.00	39.43 1.83 0.00	42.31 1.85 0.00	41.05 1.73 0.00	40.14 1.90 0.00	36.67 2.28 0.00	45.51 2.99 -0.46	44.51 2.14 -9.35	40.36 1.85 0.00	35.68 1.58 0.00	32.57 1.33 0.00	31.73 1.10 0.00	34.49 0.93 0.00
EAST_HAMPTON___DIESEL 23722	21.52 2.01 0.65	28.62 2.82 0.00	28.11 2.70 0.00	28.05 2.75 0.00	28.97 2.76 0.00	32.91 3.42 0.00	50.00 5.95 0.00	43.04 5.66 0.00	32.25 3.64 0.00	30.94 2.92 0.00	29.36 3.09 -0.01	39.35 4.34 -0.05	46.81 4.66 -4.55	45.52 5.05 0.00	44.39 5.07 -0.01	43.12 4.88 0.00	39.31 4.92 0.00	48.52 5.99 -0.46	46.88 4.48 -9.36	43.10 4.60 0.00	38.19 4.10 0.00	36.04 3.94 -0.86	33.92 3.29 0.00	36.60 3.04 0.00
EAST_PULASKI___ESR 323781	19.48 -0.68 0.00	24.93 -0.88 0.00	24.56 -0.85 0.00	24.48 -0.83 0.00	25.33 -0.88 0.00	28.55 -0.94 0.00	43.05 -1.00 0.00	36.70 -0.68 0.00	28.04 -0.57 0.00	27.46 -0.55 0.00	25.84 -0.42 0.00	34.30 -0.66 0.00	36.91 -0.68 0.00	39.70 -0.77 0.00	38.58 -0.74 0.00	37.44 -0.79 0.00	33.75 -0.65 0.00	41.48 -0.66 -0.08	34.02 -0.56 -1.55	37.68 -0.82 0.00	33.29 -0.80 0.00	30.46 -0.78 0.00	29.91 -0.72 0.00	32.87 -0.69 0.00
EAST_RIVER___1 323558	21.00 0.84 0.00	26.89 1.08 0.00	26.48 1.07 0.00	26.42 1.12 0.00	27.30 1.09 0.00	30.88 1.39 0.00	46.70 2.65 0.00	40.13 2.76 0.00	30.42 1.81 0.00	29.50 1.48 0.00	27.84 1.58 0.00	36.93 1.97 0.00	39.63 2.04 0.00	42.48 2.01 0.00	41.21 1.89 0.00	40.32 2.08 0.00	36.87 2.48 0.00	45.73 3.21 -0.46	44.74 2.34 -9.36	40.53 2.03 0.00	35.81 1.72 0.00	32.70 1.46 0.00	31.84 1.22 0.00	34.54 0.98 0.00
EAST_RIVER___2 323559	20.99 0.83 0.00	26.88 1.06 0.00	26.48 1.06 0.00	26.42 1.11 0.00	27.29 1.08 0.00	30.87 1.39 0.00	46.69 2.64 0.00	40.14 2.77 0.00	30.44 1.83 0.00	29.52 1.51 0.00	27.87 1.61 0.00	36.96 2.00 0.00	39.66 2.07 0.00	42.52 2.05 0.00	41.26 1.94 0.00	40.36 2.12 0.00	36.92 2.53 0.00	45.78 3.26 -0.46	44.78 2.39 -9.36	40.57 2.07 0.00	35.83 1.73 0.00	32.72 1.48 0.00	31.87 1.24 0.00	34.52 0.96 0.00
EAST___DELAWARE_HYD 23607	20.78 0.61 0.00	26.61 0.80 0.00	26.19 0.78 0.00	26.13 0.83 0.00	27.02 0.81 0.00	30.58 1.10 0.00	46.30 2.24 0.00	39.71 2.33 0.00	30.09 1.48 0.00	29.18 1.16 0.00	27.37 1.11 0.00	36.44 1.47 0.00	39.13 1.53 0.00	42.05 1.58 0.00	40.82 1.51 0.00	39.86 1.63 0.00	36.43 2.04 0.00	45.24 2.76 -0.42	43.56 1.89 -8.64	40.15 1.64 0.00	35.47 1.37 0.00	32.34 1.10 0.00	31.51 0.88 0.00	34.28 0.72 0.00
EIGHT_POINT___WT_PWR 323820	18.29 -1.88 0.00	23.46 -2.35 0.00	23.28 -2.13 0.00	23.39 -1.91 0.00	24.64 -1.57 0.00	28.28 -1.20 -2.22	45.61 -0.66 0.00	36.79 -0.59 0.00	28.62 -0.76 -0.78	28.51 -0.71 -1.20	25.85 -0.72 -0.31	34.35 -1.11 -0.50	37.50 -0.69 -0.60	40.99 0.02 -0.50	41.00 0.44 -1.24	39.04 0.35 -0.45	34.18 -0.27 -0.06	41.70 -0.50 -0.14	35.33 -0.64 -2.94	39.35 -0.88 -1.73	33.97 -0.86 -0.73	30.88 -1.11 -0.74	29.95 -0.81 -0.12	32.92 -0.84 -0.20
ELBRIDGE_115KV_TB2 80188	19.84 -0.33 0.00	25.39 -0.42 0.00	25.01 -0.41 0.00	24.87 -0.43 0.00	25.75 -0.46 0.00	29.06 -0.43 0.00	43.73 -0.32 0.00	37.10 -0.28 0.00	28.38 -0.23 0.00	27.70 -0.32 0.00	25.97 -0.29 0.00	34.48 -0.48 0.00	37.09 -0.51 0.00	39.92 -0.55 0.00	38.87 -0.45 0.00	37.84 -0.40 0.00	34.12 -0.27 0.00	41.91 -0.25 -0.10	34.68 -0.34 -1.99	37.88 -0.62 0.00	33.54 -0.56 0.00	30.64 -0.60 0.00	30.00 -0.63 0.00	32.95 -0.61 0.00
ELEC_TRO_TEK 24086	24.49 1.05 -3.28	27.31 1.48 -0.02	26.81 1.38 -0.01	26.74 1.42 -0.01	27.63 1.40 -0.02	31.25 1.76 0.00	47.26 3.21 0.00	40.62 3.24 0.00	30.62 2.01 0.00	29.58 1.56 0.00	28.09 1.82 -0.02	37.45 2.40 -0.09	48.08 2.50 -7.98	43.04 2.57 0.00	41.81 2.49 -0.01	40.68 2.45 0.00	37.11 2.72 0.00	45.90 3.38 -0.46	44.87 2.47 -9.36	40.80 2.30 0.00	36.14 2.04 0.00	34.58 1.93 -1.41	32.18 1.55 0.00	34.87 1.31 0.00
ELLENBURG_WT_PWR 323604	-21.11 -0.67 40.61	-21.10 -0.89 46.02	-13.42 -0.84 37.99	24.75 -0.55 0.00	26.13 -0.08 0.00	29.75 0.26 0.00	43.98 -0.07 0.00	37.14 -0.24 0.00	28.45 -0.16 0.00	28.13 0.11 0.00	26.49 0.23 0.00	35.57 0.61 0.00	38.47 0.87 0.00	41.60 1.13 0.00	40.65 1.33 0.00	39.02 0.79 0.00	34.85 0.46 0.00	42.28 0.22 0.00	33.67 0.64 0.00	39.75 1.25 0.00	35.54 1.45 0.00	32.78 1.54 0.00	32.29 1.66 0.00	35.33 1.77 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.15 -1.02 0.00	24.39 -1.42 0.00	24.14 -1.27 0.00	23.92 -1.38 0.00	25.19 -1.03 0.00	28.68 -0.81 0.00	43.31 -0.74 0.00	36.15 -1.23 0.00	27.91 -0.70 0.00	27.29 -0.73 0.00	25.43 -0.83 0.00	33.80 -1.16 0.00	36.71 -0.89 0.00	39.47 -1.00 0.00	38.56 -0.76 0.00	37.39 -0.85 0.00	33.29 -1.10 0.00	40.95 -1.23 -0.12	34.11 -1.41 -2.49	36.97 -1.53 0.00	32.70 -1.40 0.00	29.92 -1.32 0.00	29.60 -1.03 0.00	32.67 -0.90 0.00
EMPIRE_CC_1 323656	20.76 0.59 0.00	26.61 0.80 0.00	26.19 0.78 0.00	26.13 0.82 0.00	27.05 0.84 0.00	30.37 0.88 0.00	45.47 1.42 0.00	38.72 1.35 0.00	29.37 0.75 0.00	28.45 0.44 0.00	26.63 0.37 0.00	35.43 0.47 0.00	38.10 0.50 0.00	40.99 0.53 0.00	39.90 0.58 0.00	39.04 0.81 0.00	35.62 1.23 0.00	44.03 1.43 -0.54	44.90 0.96 -10.91	39.07 0.56 0.00	34.69 0.59 0.00	31.68 0.44 0.00	31.03 0.41 0.00	33.77 0.21 0.00

EMPIRE_CC_2 323658	20.76 0.59 0.00	26.61 0.80 0.00	26.19 0.78 0.00	26.13 0.82 0.00	27.05 0.84 0.00	30.37 0.88 0.00	45.47 1.42 0.00	38.72 1.35 0.00	29.37 0.75 0.00	28.45 0.44 0.00	26.63 0.37 0.00	35.43 0.47 0.00	38.10 0.50 0.00	40.99 0.53 0.00	39.90 0.58 0.00	39.04 0.81 0.00	35.62 1.23 0.00	44.03 1.43 -0.54	44.90 0.96 -10.91	39.07 0.56 0.00	34.69 0.59 0.00	31.68 0.44 0.00	31.03 0.41 0.00	33.77 0.21 0.00
ENORWICH_115KV_TB1 80156	20.76 0.60 0.00	26.65 0.84 0.00	26.25 0.84 0.00	26.10 0.80 0.00	27.19 0.97 0.00	31.00 1.51 0.00	47.21 3.16 0.00	40.27 2.89 0.00	30.88 2.27 0.00	30.35 2.33 0.00	28.47 2.21 0.00	37.74 2.78 0.00	40.35 2.75 0.00	43.76 3.29 0.00	42.88 3.56 0.00	41.70 3.47 0.00	37.39 2.99 0.00	46.34 4.09 -0.19	39.89 3.01 -3.85	41.70 3.20 0.00	36.65 2.56 0.00	33.21 1.97 0.00	32.38 1.75 0.00	35.38 1.82 0.00
ERIE_ST__34_KV_TB1-2 80199	19.73 -0.43 0.00	25.13 -0.69 0.00	24.87 -0.55 0.00	24.63 -0.67 0.00	25.89 -0.32 0.00	29.50 0.01 0.00	45.37 1.32 0.00	37.91 0.54 0.00	29.24 0.63 0.00	28.65 0.64 0.00	26.70 0.44 0.00	35.31 0.35 0.00	37.93 0.33 0.00	40.79 0.32 0.00	39.83 0.52 0.00	38.65 0.41 0.00	34.36 -0.03 0.00	42.23 0.04 -0.12	35.15 -0.41 -2.53	38.17 -0.33 0.00	33.79 -0.30 0.00	30.94 -0.30 0.00	30.53 -0.10 0.00	33.63 0.06 0.00
ERIE_WT_PWR 323693	19.26 -0.90 0.00	24.55 -1.26 0.00	24.29 -1.13 0.00	24.07 -1.23 0.00	25.34 -0.87 0.00	28.87 -0.62 0.00	33.70 -0.41 9.95	36.50 -0.87 0.00	24.69 -0.44 3.48	22.16 -0.46 5.39	24.29 -0.57 1.40	31.89 -0.80 2.27	34.37 -0.49 2.74	37.60 -0.58 2.29	33.34 -0.32 5.66	35.80 -0.37 2.06	33.42 -0.70 0.27	41.45 -0.73 -0.12	34.52 -1.02 -2.51	29.35 -1.06 8.09	29.68 -0.99 3.42	26.80 -0.95 3.49	29.35 -0.70 0.58	32.05 -0.55 0.95
ESPRGFLD_115KV_TB1 80157	20.80 0.63 0.00	26.62 0.81 0.00	26.19 0.78 0.00	26.03 0.72 0.00	27.04 0.82 0.00	30.71 1.22 0.00	46.28 2.23 0.00	39.30 1.93 0.00	30.15 1.54 0.00	29.69 1.68 0.00	27.80 1.54 0.00	36.98 2.02 0.00	39.84 2.24 0.00	42.81 2.34 0.00	41.69 2.38 0.00	40.47 2.23 0.00	36.27 1.88 0.00	44.47 2.44 0.03	34.41 1.92 0.54	40.69 2.19 0.00	35.92 1.82 0.00	32.92 1.68 0.00	32.18 1.55 0.00	35.34 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.29 0.12 0.00	25.97 0.16 0.00	25.58 0.16 0.00	25.45 0.14 0.00	26.38 0.16 0.00	29.87 0.38 0.00	45.14 1.09 0.00	38.40 1.02 0.00	29.33 0.72 0.00	28.63 0.61 0.00	26.85 0.59 0.00	35.63 0.67 0.00	38.35 0.75 0.00	41.37 0.91 0.00	40.32 1.00 0.00	39.25 1.01 0.00	35.37 0.98 0.00	43.54 1.33 -0.15	36.94 0.85 -3.05	39.26 0.76 0.00	34.69 0.59 0.00	31.63 0.39 0.00	30.93 0.30 0.00	33.88 0.31 0.00
ETNA_____115KV_TB2 80207	20.29 0.12 0.00	25.97 0.16 0.00	25.58 0.16 0.00	25.45 0.14 0.00	26.38 0.16 0.00	29.87 0.38 0.00	45.14 1.09 0.00	38.40 1.02 0.00	29.33 0.72 0.00	28.63 0.61 0.00	26.85 0.59 0.00	35.63 0.67 0.00	38.35 0.75 0.00	41.37 0.91 0.00	40.32 1.00 0.00	39.25 1.01 0.00	35.37 0.98 0.00	43.54 1.33 -0.15	36.94 0.85 -3.05	39.26 0.76 0.00	34.69 0.59 0.00	31.63 0.39 0.00	30.93 0.30 0.00	33.88 0.31 0.00
EUCLID__115KV_TB2 356179	19.75 -0.41 0.00	25.26 -0.55 0.00	24.87 -0.54 0.00	24.73 -0.57 0.00	25.61 -0.61 0.00	28.86 -0.63 0.00	43.39 -0.66 0.00	36.81 -0.57 0.00	28.15 -0.47 0.00	27.46 -0.55 0.00	25.73 -0.52 0.00	34.19 -0.78 0.00	36.78 -0.82 0.00	39.57 -0.90 0.00	38.50 -0.82 0.00	37.48 -0.76 0.00	33.80 -0.59 0.00	41.49 -0.66 -0.09	34.15 -0.65 -1.78	37.59 -0.92 0.00	33.23 -0.86 0.00	30.37 -0.87 0.00	29.77 -0.86 0.00	32.74 -0.82 0.00
E_CANADA_CAP_HY 24051	21.11 0.94 0.00	26.99 1.18 0.00	26.57 1.15 0.00	26.39 1.09 0.00	27.45 1.23 0.00	31.12 1.64 0.00	46.75 2.70 0.00	39.56 2.18 0.00	30.39 1.78 0.00	29.91 1.89 0.00	27.93 1.67 0.00	37.11 2.15 0.00	40.18 2.59 0.00	43.17 2.70 0.00	41.98 2.66 0.00	40.78 2.54 0.00	36.51 2.12 0.00	45.43 2.67 -0.69	49.22 2.14 -14.04	41.06 2.56 0.00	36.29 2.20 0.00	33.39 2.15 0.00	32.67 2.04 0.00	35.90 2.34 0.00
E_CANADA_MHWK_HY 24050	20.32 0.15 0.00	26.08 0.26 0.00	25.62 0.21 0.00	25.61 0.30 0.00	26.46 0.25 0.00	29.80 0.31 0.00	44.88 0.83 0.00	38.65 1.28 0.00	29.25 0.64 0.00	28.13 0.11 0.00	26.30 0.04 0.00	34.89 -0.07 0.00	37.64 0.05 0.00	40.53 0.06 0.00	39.55 0.23 0.00	38.77 0.53 0.00	35.57 1.18 0.00	43.71 1.64 -0.01	34.27 0.97 -0.27	39.01 0.51 0.00	34.43 0.33 0.00	31.39 0.15 0.00	30.66 0.04 0.00	33.25 -0.31 0.00
E_FISHKILL__LBMP 23776	20.91 0.74 0.00	26.80 0.99 0.00	26.38 0.97 0.00	26.33 1.02 0.00	27.21 1.00 0.00	30.73 1.25 0.00	46.33 2.28 0.00	39.74 2.36 0.00	30.11 1.50 0.00	29.19 1.17 0.00	27.46 1.20 0.00	36.48 1.52 0.00	39.12 1.52 0.00	42.00 1.54 0.00	40.76 1.45 0.00	39.85 1.61 0.00	36.41 2.02 0.00	45.21 2.68 -0.47	44.45 1.90 -9.52	40.12 1.61 0.00	35.47 1.38 0.00	32.36 1.12 0.00	31.56 0.93 0.00	34.35 0.78 0.00
FALCON__SEABRD_CC1 323796	-21.06 -0.39 40.84	-21.03 -0.56 46.28	-13.33 -0.54 38.21	25.05 -0.26 0.00	26.41 0.19 0.00	30.05 0.56 0.00	44.31 0.26 0.00	37.47 0.09 0.00	28.63 0.02 0.00	28.30 0.28 0.00	26.65 0.39 0.00	35.79 0.83 0.00	38.74 1.14 0.00	41.93 1.47 0.00	40.97 1.65 0.00	39.11 0.87 0.00	35.00 0.61 0.00	42.46 0.40 0.00	33.91 0.88 0.00	40.02 1.51 0.00	35.95 1.86 0.00	33.18 1.94 0.00	32.71 2.08 0.00	35.75 2.19 0.00
FALCON__SEABRD_CC2 323797	-21.06 -0.39 40.84	-21.03 -0.56 46.28	-13.33 -0.54 38.21	25.05 -0.26 0.00	26.41 0.19 0.00	30.05 0.56 0.00	44.31 0.26 0.00	37.47 0.09 0.00	28.63 0.02 0.00	28.30 0.28 0.00	26.65 0.39 0.00	35.79 0.83 0.00	38.74 1.14 0.00	41.93 1.47 0.00	40.97 1.65 0.00	39.11 0.87 0.00	35.00 0.61 0.00	42.46 0.40 0.00	33.91 0.88 0.00	40.02 1.51 0.00	35.95 1.86 0.00	33.18 1.94 0.00	32.71 2.08 0.00	35.75 2.19 0.00
FAR ROCKAWAY___4 23548	30.43 1.33 -8.93	27.69 1.83 -0.06	27.17 1.71 -0.05	27.09 1.75 -0.04	28.00 1.74 -0.06	31.69 2.19 -0.01	47.95 3.89 0.00	41.17 3.80 0.00	31.02 2.41 0.00	29.96 1.94 0.00	28.51 2.24 -0.02	38.02 2.97 -0.08	48.01 3.11 -7.31	43.72 3.25 0.00	42.46 3.13 -0.01	41.33 3.10 0.00	37.72 3.34 0.00	46.65 4.12 -0.46	45.44 3.04 -9.36	41.45 2.94 0.00	36.68 2.59 0.00	34.94 2.41 -1.29	32.62 1.99 0.00	35.34 1.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.02 0.86 0.00	26.91 1.10 0.00	26.51 1.10 0.00	26.46 1.15 0.00	27.33 1.11 0.00	30.91 1.42 0.00	46.75 2.69 0.00	40.18 2.80 0.00	30.44 1.83 0.00	29.52 1.50 0.00	27.86 1.60 0.00	36.97 2.00 0.00	39.67 2.07 0.00	42.52 2.05 0.00	41.25 1.93 0.00	40.36 2.12 0.00	36.89 2.51 0.00	45.76 3.25 -0.46	44.74 2.35 -9.36	40.55 2.05 0.00	35.83 1.73 0.00	32.71 1.48 0.00	31.86 1.23 0.00	34.55 0.99 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.03 0.87 0.00	26.93 1.12 0.00	26.53 1.11 0.00	26.46 1.16 0.00	27.34 1.12 0.00	30.92 1.44 0.00	46.78 2.73 0.00	40.19 2.82 0.00	30.46 1.85 0.00	29.54 1.53 0.00	27.87 1.61 0.00	36.97 2.01 0.00	39.67 2.08 0.00	42.53 2.07 0.00	41.26 1.95 0.00	40.38 2.14 0.00	36.91 2.53 0.00	45.79 3.27 -0.46	44.77 2.38 -9.36	40.58 2.07 0.00	35.85 1.75 0.00	32.73 1.49 0.00	31.87 1.24 0.00	34.58 1.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.14 0.00	27.31 1.10 0.00	30.90 1.41 0.00	46.74 2.68 0.00	40.16 2.78 0.00	30.42 1.82 0.00	29.52 1.50 0.00	27.84 1.58 0.00	36.94 1.98 0.00	39.63 2.04 0.00	42.49 2.03 0.00	41.22 1.90 0.00	40.35 2.11 0.00	36.88 2.49 0.00	45.73 3.21 -0.46	44.74 2.34 -9.36	40.53 2.02 0.00	35.81 1.72 0.00	32.70 1.46 0.00	31.84 1.21 0.00	34.54 0.98 0.00
FARRAGUT___LBMP 323566	21.00 0.83 0.00	26.88 1.07 0.00	26.48 1.07 0.00	26.43 1.12 0.00	27.30 1.08 0.00	30.87 1.39 0.00	46.69 2.64 0.00	40.12 2.74 0.00	30.40 1.79 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.90 1.94 0.00	39.60 2.00 0.00	42.45 1.98 0.00	41.18 1.86 0.00	40.30 2.07 0.00	36.84 2.45 0.00	45.69 3.17 -0.46	44.70 2.31 -9.36	40.49 1.99 0.00	35.78 1.69 0.00	32.67 1.43 0.00	31.81 1.18 0.00	34.52 0.96 0.00
FENNER___WINDPWR 24204	20.26 0.10 0.00	25.99 0.18 0.00	25.60 0.19 0.00	25.49 0.18 0.00	26.42 0.21 0.00	29.83 0.35 0.00	44.91 0.86 0.00	38.18 0.81 0.00	29.24 0.62 0.00	28.63 0.61 0.00	26.88 0.62 0.00	35.62 0.66 0.00	38.38 0.78 0.00	41.38 0.91 0.00	40.26 0.94 0.00	39.19 0.96 0.00	35.37 0.98 0.00	43.34 1.19 -0.09	35.72 0.81 -1.88	39.29 0.78 0.00	34.73 0.63 0.00	31.70 0.47 0.00	31.00 0.37 0.00	33.91 0.35 0.00
FIBERTEK___ENERGY 23856	19.98 -0.18 0.00	25.53 -0.29 0.00	25.13 -0.28 0.00	25.00 -0.30 0.00	25.87 -0.34 0.00	29.20 -0.29 0.00	43.95 -0.10 0.00	37.30 -0.07 0.00	28.51 -0.10 0.00	27.83 -0.19 0.00	26.09 -0.17 0.00	34.63 -0.33 0.00	37.26 -0.34 0.00	40.09 -0.38 0.00	39.03 -0.29 0.00	38.00 -0.24 0.00	34.27 -0.12 0.00	42.08 -0.08 0.00	34.76 -0.20 -1.93	38.09 -0.42 0.00	33.70 -0.40 0.00	30.77 -0.47 0.00	30.14 -0.49 0.00	33.12 -0.45 0.00
FITZPATRICK____ 23598	19.52 -0.64 0.00	24.98 -0.83 0.00	24.60 -0.82 0.00	24.47 -0.84 0.00	25.31 -0.91 0.00	28.49 -1.00 0.00	42.73 -1.32 0.00	36.20 -1.17 0.00	27.71 -0.90 0.00	27.05 -0.97 0.00	25.34 -0.92 0.00	33.66 -1.31 0.00	36.21 -1.39 0.00	38.95 -1.52 0.00	37.90 -1.42 0.00	36.87 -1.37 0.00	33.23 -1.16 0.00	40.75 -1.38 -0.07	33.24 -1.18 -1.39	37.00 -1.50 0.00	32.76 -1.34 0.00	29.96 -1.28 0.00	29.39 -1.24 0.00	32.35 -1.21 0.00
FLOWRFLD_69_KV_BK1 356044	21.02 1.49 0.63	27.96 2.16 0.00	27.46 2.05 0.00	27.39 2.09 0.00	28.27 2.06 0.00	32.08 2.60 0.00	48.58 4.53 0.00	41.56 4.19 0.00	31.20 2.59 0.00	30.00 1.98 0.00	28.54 2.27 -0.01	38.19 3.18 -0.05	45.55 3.37 -4.58	44.06 3.59 0.00	42.91 3.58 -0.01	41.61 3.37 0.00	37.90 3.51 0.00	46.79 4.27 -0.46	45.56 3.17 -9.36	41.61 3.10 0.00	36.91 2.81 0.00	34.89 2.79 -0.86	32.87 2.24 0.00	35.50 1.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.15 0.98 0.00	27.10 1.29 0.00	26.69 1.28 0.00	26.63 1.33 0.00	27.54 1.32 0.00	31.11 1.63 0.00	46.98 2.92 0.00	40.30 2.92 0.00	30.53 1.91 0.00	29.62 1.60 0.00	27.85 1.59 0.00	37.00 2.04 0.00	39.68 2.09 0.00	42.62 2.15 0.00	41.37 2.05 0.00	40.44 2.21 0.00	36.93 2.54 0.00	45.86 3.33 -0.46	44.89 2.42 -9.44	40.73 2.22 0.00	36.00 1.90 0.00	32.82 1.57 0.00	31.98 1.35 0.00	34.79 1.23 0.00
FORT ORANGE____ 23900	20.61 0.45 0.00	26.58 0.77 0.00	26.21 0.80 0.00	26.16 0.86 0.00	27.07 0.86 0.00	30.34 0.85 0.00	45.50 1.44 0.00	38.84 1.47 0.00	29.48 0.87 0.00	28.53 0.52 0.00	26.72 0.46 0.00	35.56 0.60 0.00	38.24 0.64 0.00	41.19 0.73 0.00	40.09 0.78 0.00	39.24 1.00 0.00	35.78 1.39 0.00	44.29 1.67 -0.55	45.40 1.13 -11.24	39.33 0.83 0.00	34.86 0.76 0.00	31.79 0.55 0.00	31.09 0.46 0.00	33.87 0.31 0.00
FORT_DRUM_COGEN 23780	20.86 -1.04 -1.73	26.47 -1.30 -1.96	25.83 -1.20 -1.62	24.25 -1.06 0.00	25.13 -1.09 0.00	28.29 -1.20 0.00	42.94 -1.11 0.00	37.10 -0.28 0.00	28.33 -0.28 0.00	28.09 0.07 0.00	26.66 0.40 0.00	35.41 0.45 0.00	38.15 0.55 0.00	40.96 0.49 0.00	39.73 0.41 0.00	38.24 0.01 0.00	34.29 -0.10 0.00	42.23 0.11 -0.05	34.36 0.27 -1.07	38.69 0.18 0.00	34.08 -0.01 0.00	31.29 0.04 0.00	30.83 0.20 0.00	33.85 0.29 0.00
FOX_HILLS___ESR 323835	21.04 0.88 0.00	26.93 1.12 0.00	26.55 1.14 0.00	26.50 1.19 0.00	27.36 1.15 0.00	30.95 1.47 0.00	46.75 2.70 0.00	40.27 2.90 0.00	30.50 1.89 0.00	29.55 1.53 0.00	27.87 1.61 0.00	36.97 2.01 0.00	39.67 2.08 0.00	42.43 1.96 0.00	41.19 1.87 0.00	40.36 2.12 0.00	36.92 2.53 0.00	45.73 3.21 -0.46	44.78 2.39 -9.36	40.58 2.07 0.00	35.88 1.78 0.00	32.77 1.53 0.00	31.91 1.28 0.00	34.66 1.10 0.00
FPL_FAR_ROCK_GT1 24212	30.43 1.33 -8.93	27.69 1.83 -0.06	27.16 1.70 -0.05	27.09 1.75 -0.04	28.00 1.74 -0.06	31.69 2.19 -0.01	47.94 3.89 0.00	41.17 3.80 0.00	31.02 2.41 0.00	29.96 1.95 0.00	28.51 2.24 -0.02	38.01 2.97 -0.08	48.01 3.11 -7.31	43.72 3.25 0.00	42.45 3.13 -0.01	41.32 3.08 0.00	37.73 3.34 0.00	46.64 4.12 -0.46	45.44 3.04 -9.36	41.44 2.93 0.00	36.68 2.59 0.00	34.94 2.41 -1.29	32.62 1.99 0.00	35.34 1.77 0.00
FPL_FAR_ROCK_GT2 23815	30.43 1.33 -8.93	27.69 1.83 -0.06	27.16 1.70 -0.05	27.09 1.75 -0.04	28.00 1.74 -0.06	31.69 2.19 -0.01	47.94 3.89 0.00	41.17 3.80 0.00	31.02 2.41 0.00	29.96 1.95 0.00	28.51 2.24 -0.02	38.01 2.97 -0.08	48.01 3.11 -7.31	43.72 3.25 0.00	42.45 3.13 -0.01	41.32 3.08 0.00	37.73 3.34 0.00	46.64 4.12 -0.46	45.44 3.04 -9.36	41.44 2.93 0.00	36.68 2.59 0.00	34.94 2.41 -1.29	32.62 1.99 0.00	35.34 1.77 0.00
FRANKLIN_FALL_HYD 24054	47.60 -0.26 -27.70	56.80 -0.40 -31.39	50.94 -0.40 -25.92	25.11 -0.19 0.00	26.40 0.19 0.00	29.99 0.50 0.00	44.51 0.46 0.00	37.65 0.27 0.00	28.90 0.29 0.00	28.60 0.59 0.00	26.89 0.64 0.00	36.06 1.10 0.00	38.95 1.35 0.00	42.07 1.61 0.00	41.04 1.72 0.00	39.47 1.23 0.00	35.10 0.71 0.00	42.62 0.55 -0.01	34.09 0.88 -0.17	40.06 1.56 0.00	35.73 1.64 0.00	32.97 1.73 0.00	32.45 1.82 0.00	35.53 1.97 0.00
FREEPORT_EQUS_GT1 23764	24.11 1.17 -2.78	27.46 1.64 -0.02	26.95 1.52 -0.01	26.88 1.57 -0.01	27.78 1.55 -0.02	31.44 1.95 0.00	47.55 3.50 0.00	40.91 3.53 0.00	30.81 2.20 0.00	29.71 1.69 0.00	28.26 1.98 -0.01	37.68 2.65 -0.06	46.44 2.76 -6.08	43.21 2.75 0.00	42.00 2.67 -0.01	40.83 2.60 0.00	37.12 2.73 0.00	45.91 3.39 -0.46	44.91 2.52 -9.36	40.86 2.35 0.00	36.34 2.24 0.00	34.54 2.20 -1.10	32.42 1.79 0.00	35.09 1.53 0.00

FREEPORT___CT2 23818	24.11 1.17 -2.78	27.46 1.64 -0.02	26.95 1.52 -0.01	26.88 1.57 -0.01	27.78 1.55 -0.02	31.44 1.95 0.00	47.55 3.50 0.00	40.91 3.53 0.00	30.81 2.20 0.00	29.71 1.69 0.00	28.26 1.98 -0.01	37.68 2.65 -0.06	46.44 2.76 -6.08	43.21 2.75 0.00	42.00 2.67 -0.01	40.83 2.60 0.00	37.12 2.73 0.00	45.91 3.39 -0.46	44.91 2.52 -9.36	40.86 2.35 0.00	36.34 2.24 0.00	34.54 2.20 -1.10	32.42 1.79 0.00	35.09 1.53 0.00
FRESHKLS_33_KV_LOAD 356253	21.04 0.87 0.00	26.94 1.12 0.00	26.56 1.15 0.00	26.51 1.20 0.00	27.38 1.16 0.00	30.97 1.48 0.00	46.72 2.67 0.00	40.30 2.92 0.00	30.51 1.90 0.00	29.54 1.52 0.00	27.85 1.59 0.00	36.94 1.98 0.00	39.63 2.03 0.00	42.35 1.88 0.00	41.14 1.82 0.00	40.34 2.10 0.00	36.91 2.52 0.00	45.71 3.18 -0.46	44.80 2.41 -9.36	40.58 2.08 0.00	35.90 1.80 0.00	32.79 1.55 0.00	31.94 1.31 0.00	34.71 1.14 0.00
FULTON COGEN____ 23766	19.70 -0.46 0.00	25.20 -0.61 0.00	24.82 -0.60 0.00	24.69 -0.62 0.00	25.54 -0.68 0.00	28.79 -0.69 0.00	43.29 -0.76 0.00	36.73 -0.64 0.00	28.08 -0.53 0.00	27.40 -0.61 0.00	25.68 -0.58 0.00	34.09 -0.87 0.00	36.70 -0.90 0.00	39.49 -0.98 0.00	38.42 -0.90 0.00	37.41 -0.83 0.00	33.73 -0.65 0.00	41.42 -0.72 -0.08	34.04 -0.69 -1.70	37.55 -0.95 0.00	33.21 -0.89 0.00	30.33 -0.91 0.00	29.74 -0.89 0.00	32.70 -0.86 0.00
FULTON___LFGE 323630	22.07 1.91 0.00	28.29 2.48 0.00	27.82 2.41 0.00	27.70 2.39 0.00	28.78 2.57 0.00	32.73 3.25 0.00	49.58 5.52 0.00	42.14 4.76 0.00	32.07 3.45 0.00	30.71 2.70 0.00	28.59 2.33 0.00	37.99 3.02 0.00	41.59 4.49 0.00	44.95 4.53 0.00	43.85 4.67 0.00	42.91 4.42 0.00	38.81 4.42 0.00	48.23 5.52 -0.65	50.41 4.18 -13.19	43.21 4.70 0.00	38.16 4.06 0.00	34.87 3.63 0.00	33.94 3.31 0.00	37.05 3.49 0.00
G.F.CEMENT___DRP 24184	20.86 0.69 0.00	26.70 0.88 0.00	26.26 0.85 0.00	26.20 0.89 0.00	27.17 0.96 0.00	30.70 1.21 0.00	46.08 2.03 0.00	39.37 2.00 0.00	29.86 1.25 0.00	28.85 0.83 0.00	26.98 0.72 0.00	36.04 1.08 0.00	38.85 1.25 0.00	41.90 1.44 0.00	40.74 1.42 0.00	39.82 1.58 0.00	36.48 2.09 0.00	45.15 2.52 -0.57	46.37 1.71 -11.63	40.49 1.99 0.00	36.01 1.91 0.00	32.88 1.63 0.00	32.17 1.54 0.00	35.06 1.50 0.00
GARDENVILLE___LBMP 24039	19.21 -0.96 0.00	24.47 -1.34 0.00	24.22 -1.19 0.00	24.01 -1.29 0.00	25.27 -0.94 0.00	28.79 -0.70 0.00	43.52 -0.54 0.00	36.35 -1.03 0.00	28.05 -0.56 0.00	27.42 -0.59 0.00	25.56 -0.70 0.00	33.99 -0.97 0.00	36.93 -0.67 0.00	39.73 -0.73 0.00	38.82 -0.50 0.00	37.66 -0.58 0.00	33.51 -0.88 0.00	41.22 -0.96 -0.12	34.36 -1.19 -2.51	37.21 -1.29 0.00	32.91 -1.18 0.00	30.12 -1.13 0.00	29.78 -0.85 0.00	32.84 -0.72 0.00
GARDNVLA_35_KV_LD 355827	19.29 -0.88 0.00	24.58 -1.23 0.00	24.32 -1.09 0.00	24.11 -1.19 0.00	25.37 -0.84 0.00	28.92 -0.57 0.00	43.70 -0.36 0.00	36.54 -0.84 0.00	28.19 -0.42 0.00	27.56 -0.46 0.00	25.70 -0.56 0.00	34.18 -0.79 0.00	37.14 -0.46 0.00	39.95 -0.52 0.00	39.04 -0.28 0.00	37.86 -0.38 0.00	33.71 -0.68 0.00	41.48 -0.70 -0.12	34.55 -0.99 -2.51	37.44 -1.06 0.00	33.12 -0.98 0.00	30.29 -0.95 0.00	29.94 -0.69 0.00	33.01 -0.55 0.00
GELCKHM___115KV_LOAD 80723	19.84 -0.33 0.00	25.37 -0.45 0.00	24.97 -0.44 0.00	24.83 -0.47 0.00	25.71 -0.51 0.00	28.99 -0.50 0.00	43.60 -0.45 0.00	36.99 -0.39 0.00	28.28 -0.33 0.00	27.61 -0.41 0.00	25.87 -0.39 0.00	34.37 -0.59 0.00	36.96 -0.64 0.00	39.76 -0.70 0.00	38.69 -0.63 0.00	37.67 -0.57 0.00	33.97 -0.42 0.00	41.72 -0.43 -0.09	34.39 -0.48 -1.84	37.78 -0.73 0.00	33.41 -0.68 0.00	30.52 -0.72 0.00	29.92 -0.71 0.00	32.89 -0.68 0.00
GENERAL___MILLS 23808	19.28 -0.88 0.00	24.56 -1.25 0.00	24.31 -1.10 0.00	24.10 -1.21 0.00	25.36 -0.86 0.00	28.89 -0.60 0.00	43.66 -0.39 0.00	36.48 -0.89 0.00	28.15 -0.46 0.00	27.52 -0.49 0.00	25.66 -0.60 0.00	34.12 -0.84 0.00	37.08 -0.52 0.00	39.89 -0.57 0.00	38.98 -0.34 0.00	37.82 -0.42 0.00	33.66 -0.73 0.00	41.40 -0.78 -0.12	34.49 -1.05 -2.51	37.38 -1.13 0.00	33.06 -1.03 0.00	30.25 -1.00 0.00	29.90 -0.73 0.00	32.96 -0.60 0.00
GE_PLASTICS___DRP 24183	20.67 0.51 0.00	26.52 0.71 0.00	26.12 0.71 0.00	26.06 0.75 0.00	26.96 0.75 0.00	30.25 0.76 0.00	45.36 1.30 0.00	38.71 1.33 0.00	29.40 0.79 0.00	28.52 0.50 0.00	26.72 0.46 0.00	35.55 0.59 0.00	38.21 0.62 0.00	41.15 0.68 0.00	40.00 0.69 0.00	39.12 0.88 0.00	35.61 1.22 0.00	44.11 1.49 -0.55	45.28 1.01 -11.24	39.22 0.71 0.00	34.75 0.66 0.00	31.72 0.48 0.00	31.04 0.41 0.00	33.85 0.29 0.00
GILBOA___1 23756	20.58 0.41 0.00	26.49 0.67 0.00	25.94 0.53 0.00	25.85 0.55 0.00	26.74 0.53 0.00	30.16 0.67 0.00	46.60 1.30 -1.25	38.72 1.35 0.00	29.87 0.83 -0.44	29.29 0.59 -0.68	27.03 0.60 -0.18	35.98 0.74 -0.28	38.70 0.76 -0.34	41.54 0.78 -0.28	40.79 0.77 -0.70	39.39 0.90 -0.26	35.60 1.18 -0.03	44.08 1.55 -0.46	43.45 1.06 -9.36	39.32 0.81 0.00	34.81 0.72 0.00	31.78 0.54 0.00	31.08 0.45 0.00	33.96 0.40 0.00
GILBOA___2 23757	20.58 0.41 0.00	26.49 0.67 0.00	25.94 0.53 0.00	25.85 0.55 0.00	26.74 0.53 0.00	30.16 0.67 0.00	46.60 1.30 -1.25	38.72 1.35 0.00	29.87 0.83 -0.44	29.29 0.59 -0.68	27.03 0.60 -0.18	35.98 0.74 -0.28	38.70 0.76 -0.34	41.54 0.78 -0.28	40.79 0.77 -0.70	39.39 0.90 -0.26	35.60 1.18 -0.03	44.08 1.55 -0.46	43.45 1.06 -9.36	39.32 0.81 0.00	34.81 0.72 0.00	31.78 0.54 0.00	31.08 0.45 0.00	33.96 0.40 0.00
GILBOA___3 23758	20.58 0.41 0.00	26.49 0.67 0.00	25.94 0.53 0.00	25.85 0.55 0.00	26.74 0.53 0.00	30.16 0.67 0.00	46.60 1.30 -1.25	38.72 1.35 0.00	29.87 0.83 -0.44	29.29 0.59 -0.68	27.03 0.60 -0.18	35.98 0.74 -0.28	38.70 0.76 -0.34	41.54 0.78 -0.28	40.79 0.77 -0.70	39.39 0.90 -0.26	35.60 1.18 -0.03	44.08 1.55 -0.46	43.45 1.06 -9.36	39.32 0.81 0.00	34.81 0.72 0.00	31.78 0.54 0.00	31.08 0.45 0.00	33.96 0.40 0.00
GILBOA___4 23759	20.58 0.41 0.00	26.49 0.67 0.00	25.94 0.53 0.00	25.85 0.55 0.00	26.74 0.53 0.00	30.16 0.67 0.00	46.60 1.30 -1.25	38.72 1.35 0.00	29.87 0.83 -0.44	29.29 0.59 -0.68	27.03 0.60 -0.18	35.98 0.74 -0.28	38.70 0.76 -0.34	41.54 0.78 -0.28	40.79 0.77 -0.70	39.39 0.90 -0.26	35.60 1.18 -0.03	44.08 1.55 -0.46	43.45 1.06 -9.36	39.32 0.81 0.00	34.81 0.72 0.00	31.78 0.54 0.00	31.08 0.45 0.00	33.96 0.40 0.00
GILBOA____ 23599	20.58 0.42 0.00	26.48 0.67 0.00	25.94 0.53 0.00	25.85 0.54 0.00	26.74 0.53 0.00	30.16 0.67 0.00	45.35 1.30 0.00	38.73 1.35 0.00	29.44 0.83 0.00	28.61 0.59 0.00	26.85 0.60 0.00	35.70 0.73 0.00	38.36 0.76 0.00	41.26 0.79 0.00	40.09 0.77 0.00	39.14 0.90 0.00	35.56 1.17 0.00	44.08 1.56 -0.46	43.44 1.06 -9.36	39.32 0.82 0.00	34.81 0.72 0.00	31.79 0.55 0.00	31.08 0.45 0.00	33.96 0.40 0.00

GINNA____ 23603	18.72 -1.45 0.00	23.89 -1.92 0.00	23.56 -1.85 0.00	23.39 -1.91 0.00	24.41 -1.81 0.00	27.64 -1.84 0.00	38.19 -2.35 3.51	35.16 -2.21 0.00	25.78 -1.61 1.23	24.49 -1.63 1.90	24.18 -1.58 0.49	31.98 -2.18 0.80	34.43 -2.21 0.95	37.24 -2.43 0.80	35.10 -2.25 1.97	35.29 -2.23 0.72	32.28 -2.01 0.09	39.74 -2.43 -0.10	32.98 -2.17 -2.12	33.05 -2.62 2.84	30.51 -2.38 1.20	27.75 -2.27 1.22	28.27 -2.16 0.20	30.96 -2.27 0.33
GLEN PARK____ 23778	20.82 -0.98 -1.64	26.43 -1.25 -1.86	25.80 -1.15 -1.53	24.30 -1.01 0.00	25.18 -1.03 0.00	28.38 -1.11 0.00	43.09 -0.96 0.00	37.23 -0.15 0.00	28.42 -0.19 0.00	28.17 0.15 0.00	26.74 0.48 0.00	35.54 0.58 0.00	38.26 0.66 0.00	41.07 0.61 0.00	39.85 0.53 0.00	38.37 0.13 0.00	34.43 0.04 0.00	42.41 0.30 -0.05	34.54 0.40 -1.10	38.82 0.32 0.00	34.19 0.10 0.00	31.35 0.11 0.00	30.88 0.25 0.00	33.89 0.33 0.00
GLENDALE_27_KV_LOAD 356172	21.10 0.94 0.00	26.98 1.17 0.00	26.59 1.18 0.00	26.53 1.22 0.00	27.40 1.19 0.00	31.00 1.52 0.00	46.90 2.85 0.00	40.36 2.98 0.00	30.59 1.98 0.00	29.66 1.65 0.00	27.98 1.72 0.00	37.13 2.16 0.00	39.84 2.25 0.00	42.70 2.24 0.00	41.43 2.11 0.00	40.55 2.31 0.00	37.06 2.67 0.00	45.95 3.43 -0.46	44.89 2.49 -9.36	40.72 2.22 0.00	35.98 1.89 0.00	32.84 1.60 0.00	31.97 1.34 0.00	34.68 1.11 0.00
GLENWOOD_IC_1_G5 23712	22.68 1.04 -1.47	27.25 1.43 -0.01	26.78 1.36 -0.01	26.72 1.40 -0.01	27.61 1.39 -0.01	31.22 1.74 0.00	47.21 3.16 0.00	40.58 3.20 0.00	30.54 1.93 0.00	29.56 1.54 0.00	28.09 1.81 -0.02	37.42 2.37 -0.09	47.88 2.45 -7.83	42.86 2.39 0.00	41.61 2.29 -0.01	40.57 2.34 0.00	37.03 2.64 0.00	45.85 3.33 -0.46	44.81 2.42 -9.36	40.72 2.22 0.00	36.03 1.93 0.00	34.39 1.76 -1.40	32.06 1.43 0.00	34.89 1.33 0.00
GLENWOOD_IC_2_G1 23688	21.11 0.94 0.00	27.08 1.27 0.00	26.64 1.22 0.00	26.58 1.27 0.00	27.46 1.24 0.00	31.06 1.57 0.00	46.94 2.88 0.00	40.32 2.95 0.00	30.48 1.86 0.00	29.50 1.48 0.00	27.90 1.64 0.00	37.08 2.12 0.00	40.12 2.19 -0.33	42.69 2.22 0.00	41.44 2.12 0.00	40.43 2.20 0.00	36.92 2.53 0.00	45.75 3.23 -0.46	44.74 2.34 -9.36	40.61 2.10 0.00	35.93 1.84 0.00	32.93 1.63 -0.06	31.97 1.34 0.00	34.71 1.14 0.00
GLENWOOD_IC_3_G1 23689	21.11 0.94 0.00	27.08 1.27 0.00	26.64 1.22 0.00	26.58 1.27 0.00	27.46 1.24 0.00	31.06 1.57 0.00	46.94 2.88 0.00	40.32 2.95 0.00	30.48 1.86 0.00	29.50 1.48 0.00	27.90 1.64 0.00	37.08 2.12 0.00	40.12 2.19 -0.33	42.69 2.22 0.00	41.44 2.12 0.00	40.43 2.20 0.00	36.92 2.53 0.00	45.75 3.23 -0.46	44.74 2.34 -9.36	40.61 2.10 0.00	35.93 1.84 0.00	32.93 1.63 -0.06	31.97 1.34 0.00	34.71 1.14 0.00
GLENWOOD____4 23550	22.68 1.04 -1.47	27.25 1.43 -0.01	26.78 1.36 -0.01	26.72 1.40 -0.01	27.61 1.39 -0.01	31.22 1.74 0.00	47.21 3.16 0.00	40.58 3.20 0.00	30.59 1.98 0.00	29.59 1.57 0.00	28.09 1.81 -0.02	37.42 2.37 -0.09	47.88 2.46 -7.83	42.91 2.44 0.00	41.66 2.34 -0.01	40.62 2.38 0.00	37.07 2.68 0.00	45.91 3.39 -0.46	44.86 2.46 -9.36	40.77 2.26 0.00	36.07 1.98 0.00	34.43 1.79 -1.40	32.10 1.46 0.00	34.89 1.33 0.00
GLENWOOD____5 23614	22.68 1.04 -1.47	27.25 1.43 -0.01	26.78 1.36 -0.01	26.72 1.40 -0.01	27.61 1.39 -0.01	31.22 1.74 0.00	47.21 3.16 0.00	40.58 3.20 0.00	30.59 1.98 0.00	29.59 1.57 0.00	28.09 1.81 -0.02	37.42 2.37 -0.09	47.88 2.46 -7.83	42.91 2.44 0.00	41.66 2.34 -0.01	40.62 2.38 0.00	37.07 2.68 0.00	45.91 3.39 -0.46	44.86 2.46 -9.36	40.77 2.26 0.00	36.07 1.98 0.00	34.43 1.79 -1.40	32.10 1.46 0.00	34.89 1.33 0.00
GLOBAL GREEN_PORT_GT1 23814	21.47 1.96 0.65	28.56 2.76 0.00	28.05 2.64 0.00	27.99 2.69 0.00	28.90 2.69 0.00	32.82 3.34 0.00	49.88 5.83 0.00	42.93 5.55 0.00	32.17 3.56 0.00	30.87 2.85 0.00	29.29 3.02 -0.01	39.27 4.26 -0.05	46.71 4.56 -4.55	45.41 4.95 0.00	44.28 4.95 -0.01	42.99 4.75 0.00	39.20 4.81 0.00	48.39 5.87 -0.46	46.78 4.38 -9.36	42.99 4.48 0.00	38.09 4.00 0.00	35.95 3.85 -0.86	33.84 3.21 0.00	36.51 2.95 0.00
GLOBE____DSASP 323697	18.54 -1.62 0.00	23.58 -2.23 0.00	23.33 -2.08 0.00	23.10 -2.21 0.00	24.37 -1.84 0.00	27.68 -1.80 0.00	41.82 -2.24 0.00	34.64 -2.73 0.00	26.89 -1.72 0.00	26.38 -1.63 0.00	24.44 -1.82 0.00	32.41 -2.56 0.00	35.22 -2.38 0.00	37.75 -2.71 0.00	37.03 -2.29 0.00	35.74 -2.50 0.00	31.87 -2.52 0.00	39.07 -3.11 -0.12	32.59 -2.85 -2.41	35.51 -3.00 0.00	31.46 -2.64 0.00	28.87 -2.37 0.00	28.44 -2.19 0.00	31.51 -2.06 0.00
GOETHSLN____LBMP 323567	20.89 0.73 0.00	26.75 0.94 0.00	26.36 0.95 0.00	26.30 1.00 0.00	27.17 0.95 0.00	30.72 1.23 0.00	46.48 2.43 0.00	39.92 2.55 0.00	30.24 1.63 0.00	29.32 1.30 0.00	27.67 1.41 0.00	36.70 1.74 0.00	39.39 1.79 0.00	42.22 1.75 0.00	40.94 1.62 0.00	40.08 1.85 0.00	36.64 2.25 0.00	45.48 2.95 -0.46	44.50 2.11 -9.36	40.26 1.75 0.00	35.57 1.48 0.00	32.46 1.23 0.00	31.62 0.99 0.00	34.32 0.75 0.00
GOLAH____69_KV_TB 1_2 80279	19.66 -0.51 0.00	25.03 -0.78 0.00	24.72 -0.69 0.00	24.50 -0.81 0.00	25.65 -0.57 0.00	29.13 -0.36 0.00	44.06 0.00 0.00	36.94 -0.43 0.00	28.44 -0.17 0.00	27.79 -0.23 0.00	25.97 -0.29 0.00	34.48 -0.49 0.00	37.27 -0.32 0.00	40.04 -0.42 0.00	39.02 -0.29 0.00	37.90 -0.34 0.00	33.98 -0.41 0.00	41.73 -0.44 -0.11	34.52 -0.68 -2.17	37.69 -0.82 0.00	33.28 -0.81 0.00	30.42 -0.82 0.00	29.97 -0.67 0.00	32.98 -0.58 0.00
GOODYEAR_LAKE_HYD 323669	20.66 0.50 0.00	26.48 0.66 0.00	26.03 0.61 0.00	25.90 0.60 0.00	26.85 0.64 0.00	30.44 0.96 0.00	45.94 1.88 0.00	39.16 1.79 0.00	29.90 1.29 0.00	29.26 1.24 0.00	27.45 1.19 0.00	36.53 1.57 0.00	39.19 1.60 0.00	42.17 1.70 0.00	41.06 1.74 0.00	39.96 1.73 0.00	36.04 1.65 0.00	44.42 2.19 -0.16	37.95 1.62 -3.30	40.11 1.61 0.00	35.43 1.34 0.00	32.36 1.12 0.00	31.61 0.98 0.00	34.62 1.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.03 -0.14 0.00	25.65 -0.16 0.00	25.27 -0.14 0.00	25.14 -0.16 0.00	26.04 -0.17 0.00	29.50 0.01 0.00	44.55 0.50 0.00	37.85 0.47 0.00	28.86 0.25 0.00	28.16 0.14 0.00	26.40 0.14 0.00	35.08 0.12 0.00	37.78 0.18 0.00	40.74 0.27 0.00	39.63 0.31 0.00	38.61 0.37 0.00	34.77 0.38 0.00	42.91 0.65 -0.20	37.39 0.30 -4.06	38.60 0.10 0.00	34.15 0.06 0.00	31.18 -0.06 0.00	30.56 -0.07 0.00	33.44 -0.12 0.00
GOUDEY____7 23579	20.04 -0.12 0.00	25.68 -0.13 0.00	25.29 -0.12 0.00	25.17 -0.14 0.00	26.06 -0.15 0.00	29.52 0.04 0.00	44.59 0.54 0.00	37.89 0.51 0.00	28.89 0.28 0.00	28.19 0.17 0.00	26.43 0.17 0.00	35.12 0.15 0.00	37.82 0.22 0.00	40.78 0.31 0.00	39.67 0.35 0.00	38.65 0.41 0.00	34.80 0.41 0.00	42.96 0.69 -0.20	37.42 0.33 -4.06	38.64 0.13 0.00	34.19 0.09 0.00	31.21 -0.03 0.00	30.58 -0.05 0.00	33.47 -0.09 0.00

GOUDEY___8 23580	20.03 -0.14 0.00	25.65 -0.16 0.00	25.27 -0.14 0.00	25.14 -0.16 0.00	26.04 -0.17 0.00	29.50 0.01 0.00	44.55 0.50 0.00	37.85 0.47 0.00	28.86 0.25 0.00	28.16 0.14 0.00	26.40 0.14 0.00	35.08 0.12 0.00	37.78 0.18 0.00	40.74 0.27 0.00	39.63 0.31 0.00	38.61 0.37 0.00	34.77 0.38 0.00	42.91 0.65 -0.20	37.39 0.30 -4.06	38.60 0.10 0.00	34.15 0.06 0.00	31.18 -0.06 0.00	30.56 -0.07 0.00	33.44 -0.12 0.00
GOWANUS_GT1_1 24077	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT1_2 24078	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT1_3 24079	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT1_4 24080	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT1_5 24084	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT1_6 24111	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT1_7 24112	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00</															

GOWANUS_GT2_7 24120	21.08 <u>0.92</u> 0.00	26.97 <u>1.16</u> 0.00	26.58 <u>1.17</u> 0.00	26.52 <u>1.22</u> 0.00	27.39 <u>1.18</u> 0.00	30.99 <u>1.51</u> 0.00	46.85 <u>2.80</u> 0.00	40.32 <u>2.94</u> 0.00	30.54 <u>1.93</u> 0.00	29.60 <u>1.58</u> 0.00	27.92 <u>1.66</u> 0.00	37.04 <u>2.08</u> 0.00	39.76 <u>2.17</u> 0.00	42.57 <u>2.11</u> 0.00	41.30 <u>1.98</u> 0.00	40.42 <u>2.19</u> 0.00	36.98 <u>2.59</u> 0.00	45.81 <u>3.29</u> -0.46	44.82 <u>2.42</u> -9.36	40.63 <u>2.13</u> 0.00	35.91 <u>1.82</u> 0.00	32.79 <u>1.55</u> 0.00	31.93 <u>1.30</u> 0.00	34.66 <u>1.09</u> 0.00
GOWANUS_GT2_8 24121	21.08 <u>0.92</u> 0.00	26.97 <u>1.16</u> 0.00	26.58 <u>1.17</u> 0.00	26.52 <u>1.22</u> 0.00	27.39 <u>1.18</u> 0.00	30.99 <u>1.51</u> 0.00	46.85 <u>2.80</u> 0.00	40.32 <u>2.94</u> 0.00	30.54 <u>1.93</u> 0.00	29.60 <u>1.58</u> 0.00	27.92 <u>1.66</u> 0.00	37.04 <u>2.08</u> 0.00	39.76 <u>2.17</u> 0.00	42.57 <u>2.11</u> 0.00	41.30 <u>1.98</u> 0.00	40.42 <u>2.19</u> 0.00	36.98 <u>2.59</u> 0.00	45.81 <u>3.29</u> -0.46	44.82 <u>2.42</u> -9.36	40.63 <u>2.13</u> 0.00	35.91 <u>1.82</u> 0.00	32.79 <u>1.55</u> 0.00	31.93 <u>1.30</u> 0.00	34.66 <u>1.09</u> 0.00
GOWANUS_GT3_1 24122	21.08 <u>0.92</u> 0.00	26.97 <u>1.16</u> 0.00	26.58 <u>1.17</u> 0.00	26.52 <u>1.22</u> 0.00	27.39 <u>1.18</u> 0.00	30.99 <u>1.51</u> 0.00	46.85 <u>2.80</u> 0.00	40.32 <u>2.94</u> 0.00	30.54 <u>1.93</u> 0.00	29.60 <u>1.58</u> 0.00	27.92 <u>1.66</u> 0.00	37.04 <u>2.08</u> 0.00	39.76 <u>2.17</u> 0.00	42.57 <u>2.11</u> 0.00	41.30 <u>1.98</u> 0.00	40.42 <u>2.19</u> 0.00	36.98 <u>2.59</u> 0.00	45.81 <u>3.29</u> -0.46	44.82 <u>2.42</u> -9.36	40.63 <u>2.13</u> 0.00	35.91 <u>1.82</u> 0.00	32.79 <u>1.55</u> 0.00	31.93 <u>1.30</u> 0.00	34.66 <u>1.09</u> 0.00
GOWANUS_GT3_2 24123	21.08 <u>0.92</u> 0.00	26.97 <u>1.16</u> 0.00	26.58 <u>1.17</u> 0.00	26.52 <u>1.22</u> 0.00	27.39 <u>1.18</u> 0.00	30.99 <u>1.51</u> 0.00	46.85 <u>2.80</u> 0.00	40.32 <u>2.94</u> 0.00	30.54 <u>1.93</u> 0.00	29.60 <u>1.58</u> 0.00	27.92 <u>1.66</u> 0.00	37.04 <u>2.08</u> 0.00	39.76 <u>2.17</u> 0.00	42.57 <u>2.11</u> 0.00	41.30 <u>1.98</u> 0.00	40.42 <u>2.19</u> 0.00	36.98 <u>2.59</u> 0.00	45.81 <u>3.29</u> -0.46	44.82 <u>2.42</u> -9.36	40.63 <u>2.13</u> 0.00	35.91 <u>1.82</u> 0.00	32.79 <u>1.55</u> 0.00	31.93 <u>1.30</u> 0.00	34.66 <u>1.09</u> 0.00
GOWANUS_GT3_3 24124	21.08 <u>0.92</u> 0.00	26.97 <u>1.16</u> 0.00	26.58 <u>1.17</u> 0.00	26.52 <u>1.22</u> 0.00	27.39 <u>1.18</u> 0.00	30.99 <u>1.51</u> 0.00	46.85 <u>2.80</u> 0.00	40.32 <u>2.94</u> 0.00	30.54 <u>1.93</u> 0.00	29.60 <u>1.58</u> 0.00	27.92 <u>1.66</u> 0.00	37.04 <u>2.08</u> 0.00	39.76 <u>2.17</u> 0.00	42.57 <u>2.11</u> 0.00	41.30 <u>1.98</u> 0.00	40.42 <u>2.19</u> 0.00	36.98 <u>2.59</u> 0.00	45.81 <u>3.29</u> -0.46	44.82 <u>2.42</u> -9.36	40.63 <u>2.13</u> 0.00	35.91 <u>1.82</u> 0.00	32.79 <u>1.55</u> 0.00	31.93 <u>1.30</u> 0.00	34.66 <u>1.09</u> 0.00
GOWANUS_GT3_4 24125	21.08 <u>0.92</u> 0.00	26.97 <u>1.16</u> 0.00	26.58 <u>1.17</u> 0.00	26.52 <u>1.22</u> 0.00	27.39 <u>1.18</u> 0.00	30.99 <u>1.51</u> 0.00	46.85 <u>2.80</u> 0.00	40.32 <u>2.94</u> 0.00	30.54 <u>1.93</u> 0.00	29.60 <u>1.58</u> 0.00	27.92 <u>1.66</u> 0.00	37.04 <u>2.08</u> 0.00	39.76 <u>2.17</u> 0.00	42.57 <u>2.11</u> 0.00	41.30 <u>1.98</u> 0.00	40.42 <u>2.19</u> 0.00	36.98 <u>2.59</u> 0.00	45.81 <u>3.29</u> -0.46	44.82 <u>2.42</u> -9.36	40.63 <u>2.13</u> 0.00	35.91 <u>1.82</u> 0.00	32.79 <u>1.55</u> 0.00	31.93 <u>1.30</u> 0.00	34.66 <u>1.09</u> 0.00
GOWANUS_GT3_5 24126	21.08 <u>0.92</u> 0.00	26.97																						

GOWANUS_GT4_6 24135	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT4_7 24136	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GOWANUS_GT4_8 24137	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GREENBSH_115KV_TB3 55895	20.60 0.44 0.00	26.44 0.63 0.00	26.05 0.64 0.00	26.00 0.70 0.00	26.90 0.69 0.00	30.13 0.64 0.00	45.15 1.10 0.00	38.55 1.17 0.00	29.27 0.66 0.00	28.38 0.36 0.00	26.58 0.32 0.00	35.35 0.39 0.00	38.01 0.41 0.00	40.92 0.45 0.00	39.80 0.48 0.00	38.94 0.70 0.00	35.49 1.11 0.00	43.93 1.32 -0.55	45.18 0.86 -11.28	39.02 0.51 0.00	34.58 0.49 0.00	31.56 0.32 0.00	30.88 0.24 0.00	33.65 0.08 0.00
GREENDGE_115KV_TB5 80291	19.74 -0.42 0.00	25.25 -0.56 0.00	24.91 -0.51 0.00	24.79 -0.51 0.00	25.90 -0.31 0.00	29.41 -0.08 0.00	44.26 0.21 0.00	37.65 0.27 0.00	28.82 0.21 0.00	28.13 0.11 0.00	26.37 0.11 0.00	34.94 -0.02 0.00	37.59 0.00 0.00	40.55 0.08 0.00	39.57 0.25 0.00	38.56 0.33 0.00	34.70 0.31 0.00	42.48 0.28 -0.14	35.94 0.11 -2.79	38.41 -0.10 0.00	34.07 -0.03 0.00	31.01 -0.23 0.00	30.46 -0.17 0.00	33.35 -0.22 0.00
GREENIDGE___3 23582	19.74 -0.42 0.00	25.25 -0.56 0.00	24.91 -0.51 0.00	24.79 -0.51 0.00	25.90 -0.31 0.00	29.41 -0.08 0.00	44.26 0.21 0.00	37.65 0.27 0.00	28.82 0.21 0.00	28.13 0.11 0.00	26.37 0.11 0.00	34.94 -0.02 0.00	37.59 0.00 0.00	40.55 0.25 0.00	39.57 0.33 0.00	38.56 0.33 0.00	34.70 0.31 0.00	42.48 0.28 -0.14	35.94 0.11 -2.79	38.41 -0.10 0.00	34.07 -0.03 0.00	31.01 -0.23 0.00	30.46 -0.17 0.00	33.35 -0.22 0.00
GREENIDGE___4 23583	19.74 -0.42 0.00	25.25 -0.56 0.00	24.91 -0.51 0.00	24.79 -0.51 0.00	25.90 -0.32 0.00	29.41 -0.07 0.00	46.12 0.22 -1.86	37.65 0.28 0.00	29.47 0.21 -0.65	29.14 0.12 -1.01	26.63 0.11 -0.26	35.36 -0.02 -0.42	38.09 -0.01 -0.50	40.96 0.07 -0.42	40.60 0.24 -1.04	38.95 0.33 -0.38	34.74 0.30 -0.05	42.48 0.28 -0.14	35.94 0.11 -2.79	39.85 -0.10 -1.44	34.68 -0.03 -0.61	31.64 -0.22 -0.62	30.57 -0.17 -0.10	33.51 -0.22 -0.17
GREENLWN_69_KV_BK 3 55738	20.75 1.09 0.51	27.38 1.58 0.00	26.86 1.45 0.00	26.79 1.48 0.00	27.66 1.45 0.00	31.32 1.83 0.00	47.32 3.27 0.00	40.81 3.44 0.00	30.68 2.07 0.00	29.56 1.54 0.00	28.16 1.89 -0.01	37.59 2.58 -0.05	44.98 2.72 -4.67	43.30 2.83 0.00	42.12 2.80 -0.01	40.79 2.56 0.00	37.11 2.72 0.00	45.80 3.28 -0.46	44.82 2.43 -9.36	40.83 2.32 0.00	36.24 2.15 0.00	34.29 2.18 -0.87	32.35 1.73 0.00	35.01 1.45 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.08 0.92 0.00	26.97 1.16 0.00	26.59 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.84 2.79 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.05 2.09 0.00	39.76 2.17 0.00	42.57 2.10 0.00	41.30 1.98 0.00	40.44 2.20 0.00	36.98 2.59 0.00	45.81 3.30 -0.46	44.82 2.42 -9.36	40.64 2.13 0.00	35.92 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
GRISSOM___SOLAR 323813	22.07 1.91 0.00	28.29 2.48 0.00	27.82 2.41 0.00	27.70 2.39 0.00	28.78 2.57 0.00	32.73 3.25 0.00	49.58 5.52 0.00	42.14 4.76 0.00	32.07 3.45 0.00	30.71 2.70 0.00	28.59 2.33 0.00	37.99 3.02 0.00	41.59 4.00 0.00	44.95 4.49 0.00	43.85 4.53 0.00	42.91 4.67 0.00	38.81 4.42 0.00	48.23 5.52 -0.65	50.41 4.18 -13.19	43.21 4.70 0.00	38.16 4.06 0.00	34.87 3.63 0.00	33.94 3.31 0.00	37.05 3.49 0.00
GROVEVILLE___HYD 323602	21.15 0.98 0.00	27.10 1.29 0.00	26.69 1.28 0.00	26.63 1.33 0.00	27.54 1.32 0.00	31.11 1.63 0.00	46.98 2.92 0.00	40.30 2.92 0.00	30.53 1.91 0.00	29.62 1.60 0.00	27.85 1.59 0.00	37.00 2.04 0.00	39.68 2.09 0.00	42.62 2.15 0.00	41.37 2.05 0.00	40.44 2.21 0.00	36.93 2.54 0.00	45.86 3.33 -0.46	44.89 2.42 -9.44	40.73 2.22 0.00	36.00 1.90 0.00	32.82 1.57 0.00	31.98 1.35 0.00	34.79 1.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.98 -0.18 0.00	25.53 -0.29 0.00	25.13 -0.28 0.00	25.00 -0.30 0.00	25.87 -0.34 0.00	29.20 -0.29 0.00	43.95 -0.10 0.00	37.30 -0.07 0.00	28.51 -0.10 0.00	27.83 -0.19 0.00	26.09 -0.17 0.00	34.63 -0.33 0.00	37.26 -0.34 0.00	40.09 -0.38 0.00	39.03 -0.29 0.00	38.00 -0.24 0.00	34.27 -0.12 0.00	42.08 -0.08 -0.09	34.76 -0.20 -1.93	38.09 -0.42 0.00	33.70 -0.40 0.00	30.77 -0.47 0.00	30.14 -0.49 0.00	33.12 -0.45 0.00
HAMLTNNY_34_KV_TB 80303	19.95 -0.21 0.00	25.54 -0.27 0.00	25.15 -0.27 0.00	25.01 -0.30 0.00	25.90 -0.31 0.00	29.26 -0.23 0.00	44.06 0.01 0.00	37.39 0.01 0.00	28.59 -0.02 0.00	27.91 -0.11 0.00	26.16 -0.10 0.00	34.72 -0.24 0.00	37.36 -0.23 0.00	40.20 -0.27 0.00	39.17 -0.15 0.00	38.12 -0.12 0.00	34.38 -0.01 0.00	42.24 0.08 -0.10	34.91 -0.11 -1.99	38.16 -0.35 0.00	33.77 -0.32 0.00	30.84 -0.40 0.00	30.18 -0.45 0.00	33.14 -0.43 0.00
HAMPSHIRE___PAPER_HYD 323593	23.70 -0.71 -4.25	29.74 -0.89 -4.82	28.57 -0.82 -3.98	24.56 -0.74 0.00	25.52 -0.70 0.00	28.72 -0.77 0.00	43.18 -0.87 0.00	36.93 -0.45 0.00	28.32 -0.29 0.00	28.06 0.05 0.00	26.45 0.19 0.00	35.25 0.29 0.00	37.97 0.38 0.00	40.89 0.42 0.00	39.67 0.36 0.00	38.24 0.00 0.00	33.94 -0.45 0.00	41.40 -0.69 -0.03	33.32 -0.26 -0.55	38.42 -0.08 0.00	33.98 -0.12 0.00	31.41 0.17 0.00	30.98 0.35 0.00	34.07 0.51 0.00
HARDSCRABBLE_WT_PWR 323673	20.16 -0.01 0.00	25.90 0.09 0.00	25.45 0.04 0.00	25.42 0.12 0.00	26.30 0.08 0.00	29.62 0.14 0.00	44.56 0.51 0.00	38.36 0.98 0.00	29.11 0.50 0.00	28.15 0.13 0.00	26.34 0.08 0.00	34.96 0.00 0.00	37.71 0.12 0.00	40.54 0.08 0.00	39.56 0.24 0.00	38.71 0.47 0.00	35.41 1.01 0.00	43.50 1.43 -0.01	34.15 0.85 -0.27	38.97 0.46 0.00	34.36 0.27 0.00	31.37 0.13 0.00	30.69 0.07 0.00	33.36 -0.20 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.93 0.77 0.00	26.81 1.00 0.00	26.43 1.01 0.00	26.38 1.07 0.00	27.26 1.05 0.00	30.80 1.32 0.00	46.53 2.48 0.00	39.92 2.54 0.00	30.26 1.65 0.00	29.34 1.32 0.00	27.63 1.37 0.00	36.73 1.77 0.00	39.41 1.82 0.00	42.32 1.86 0.00	41.08 1.77 0.00	40.15 1.91 0.00	36.63 2.25 0.00	45.49 2.99 -0.44	44.01 2.12 -8.86	40.36 1.85 0.00	35.67 1.58 0.00	32.54 1.30 0.00	31.71 1.09 0.00	34.52 0.95 0.00
HARSNRAD_115KV_TB1 81005	19.06 -1.11 0.00	24.25 -1.56 0.00	23.99 -1.42 0.00	23.76 -1.54 0.00	25.06 -1.16 0.00	28.49 -0.99 0.00	42.97 -1.08 0.00	35.74 -1.64 0.00	27.65 -0.96 0.00	27.02 -1.00 0.00	25.17 -1.09 0.00	33.40 -1.57 0.00	36.22 -1.38 0.00	38.88 -1.58 0.00	37.99 -1.33 0.00	36.82 -1.42 0.00	32.82 -1.57 0.00	40.27 -1.91 -0.12	33.49 -1.93 -2.39	36.36 -2.14 0.00	32.11 -1.99 0.00	29.41 -1.83 0.00	29.19 -1.44 0.00	32.29 -1.27 0.00
HARZA MOOSE__RIVER 24016	21.05 -0.34 -1.23	26.85 -0.36 -1.39	26.25 -0.30 -1.15	25.03 -0.27 0.00	25.96 -0.26 0.00	29.21 -0.28 0.00	44.11 0.06 0.00	37.84 0.47 0.00	28.95 0.33 0.00	28.57 0.55 0.00	26.92 0.66 0.00	35.66 0.70 0.00	38.53 0.94 0.00	41.46 0.99 0.00	40.22 0.90 0.00	38.91 0.67 0.00	34.96 0.57 0.00	42.91 0.81 -0.03	34.41 0.69 -0.69	39.20 0.70 0.00	34.63 0.54 0.00	31.76 0.52 0.00	31.21 0.58 0.00	34.19 0.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.83 -0.33 0.00	25.38 -0.43 0.00	24.99 -0.43 0.00	24.84 -0.46 0.00	25.71 -0.50 0.00	29.01 -0.48 0.00	43.65 -0.40 0.00	37.03 -0.35 0.00	28.31 -0.30 0.00	27.62 -0.40 0.00	25.89 -0.37 0.00	34.38 -0.59 0.00	36.99 -0.60 0.00	39.80 -0.66 0.00	38.74 -0.58 0.00	37.72 -0.52 0.00	34.02 -0.37 0.00	41.76 -0.39 -0.09	34.40 -0.46 -1.82	37.80 -0.71 0.00	33.43 -0.67 0.00	30.53 -0.71 0.00	29.92 -0.71 0.00	32.89 -0.68 0.00
HELLGATE_13_KV_LD 55870	21.02 0.85 0.00	26.88 1.07 0.00	26.48 1.07 0.00	26.42 1.12 0.00	27.29 1.08 0.00	30.87 1.38 0.00	46.70 2.65 0.00	40.17 2.80 0.00	30.44 1.83 0.00	29.51 1.49 0.00	27.84 1.58 0.00	36.92 1.96 0.00	39.64 2.04 0.00	42.48 2.01 0.00	41.21 1.89 0.00	40.33 2.09 0.00	36.86 2.47 0.00	45.71 3.19 -0.46	44.70 2.30 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.81 1.18 0.00	34.52 0.95 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.02 0.85 0.00	26.88 1.07 0.00	26.48 1.07 0.00	26.42 1.12 0.00	27.29 1.08 0.00	30.87 1.38 0.00	46.70 2.65 0.00	40.17 2.80 0.00	30.44 1.83 0.00	29.51 1.49 0.00	27.84 1.58 0.00	36.92 1.96 0.00	39.64 2.04 0.00	42.48 2.01 0.00	41.21 1.89 0.00	40.33 2.09 0.00	36.86 2.47 0.00	45.71 3.19 -0.46	44.70 2.30 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.81 1.18 0.00	34.52 0.95 0.00
HEMPSTEAD____ 23647	23.08 1.01 -1.91	27.25 1.42 -0.01	26.76 1.33 -0.01	26.69 1.38 -0.01	27.58 1.35 -0.01	31.19 1.70 0.00	47.18 3.13 0.00	40.57 3.19 0.00	30.56 1.95 0.00	29.51 1.50 0.00	28.05 1.77 -0.02	37.39 2.36 -0.07	46.80 2.45 -6.76	42.94 2.47 0.00	41.72 2.39 -0.01	40.60 2.36 0.00	37.01 2.62 0.00	45.79 3.27 -0.46	44.78 2.38 -9.36	40.69 2.18 0.00	36.07 1.97 0.00	34.32 1.87 -1.21	32.12 1.49 0.00	34.84 1.27 0.00
HEWLETT__69_KV_BK3 55828	30.34 1.24 -8.93	27.58 1.71 -0.06	27.05 1.60 -0.05	26.99 1.65 -0.04	27.90 1.63 -0.06	31.56 2.06 -0.01	47.73 3.67 0.00	40.98 3.60 0.00	30.88 2.27 0.00	29.83 1.81 0.00	28.38 2.10 -0.02	37.84 2.80 -0.08	47.80 2.90 -7.31	43.49 3.03 0.00	42.25 2.93 -0.01	41.12 2.88 0.00	37.53 3.14 0.00	46.40 3.88 -0.46	45.26 2.86 -9.36	41.25 2.74 0.00	36.50 2.41 0.00	34.78 2.25 -1.29	32.48 1.85 0.00	35.19 1.63 0.00
HICKLING____1 23621	19.56 -0.60 0.00	25.03 -0.78 0.00	24.75 -0.66 0.00	24.64 -0.66 0.00	25.59 -0.62 0.00	29.19 -0.30 0.00	44.38 0.33 0.00	37.64 0.26 0.00	28.60 -0.01 0.00	27.96 -0.06 0.00	26.22 -0.04 0.00	34.78 -0.18 0.00	37.64 0.04 0.00	40.81 0.34 0.00	39.78 0.46 0.00	38.76 0.52 0.00	34.63 0.24 0.00	42.73 0.50 -0.17	36.50 0.09 -3.38	38.38 -0.12 0.00	33.98 -0.11 0.00	30.96 -0.28 0.00	30.45 -0.18 0.00	33.30 -0.27 0.00
HICKLING____2 23622	19.56 -0.60 0.00	25.03 -0.78 0.00	24.75 -0.66 0.00	24.64 -0.66 0.00	25.59 -0.62 0.00	29.19 -0.30 0.00	44.38 0.33 0.00	37.64 0.26 0.00	28.60 -0.01 0.00	27.96 -0.06 0.00	26.22 -0.04 0.00	34.78 -0.18 0.00	37.64 0.04 0.00	40.81 0.34 0.00	39.78 0.46 0.00	38.76 0.52 0.00	34.63 0.24 0.00	42.73 0.50 -0.17	36.50 0.09 -3.38	38.38 -0.12 0.00	33.98 -0.11 0.00	30.96 -0.28 0.00	30.45 -0.18 0.00	33.30 -0.27 0.00
HIGH FALLS____HY 23754	21.10 0.94 0.00	27.02 1.21 0.00	26.59 1.17 0.00	26.53 1.22 0.00	27.42 1.21 0.00	31.06 1.57 0.00	46.98 2.93 0.00	40.33 2.95 0.00	30.55 1.94 0.00	29.62 1.60 0.00	27.80 1.54 0.00	36.96 2.00 0.00	39.69 2.10 0.00	42.64 2.17 0.00	41.38 2.07 0.00	40.44 2.20 0.00	36.88 2.49 0.00	45.87 3.34 -0.46	44.89 2.41 -9.45	40.74 2.24 0.00	35.98 1.88 0.00	32.82 1.58 0.00	31.95 1.32 0.00	34.78 1.22 0.00
HILLBURN____GT 23639	20.86 0.70 0.00	26.73 0.92 0.00	26.36 0.94 0.00	26.32 1.01 0.00	27.19 0.98 0.00	30.73 1.25 0.00	46.42 2.37 0.00	39.86 2.49 0.00	30.19 1.58 0.00	29.26 1.25 0.00	27.58 1.32 0.00	36.62 1.66 0.00	39.32 1.72 0.00	42.20 1.73 0.00	40.95 1.63 0.00	40.01 1.77 0.00	36.53 2.14 0.00	45.35 2.85 -0.44	44.01 2.02 -8.97	40.22 1.71 0.00	35.55 1.45 0.00	32.43 1.19 0.00	31.61 0.98 0.00	34.40 0.84 0.00
HILLSIDE_115KV_TB1 80332	19.45 -0.72 0.00	24.89 -0.92 0.00	24.60 -0.81 0.00	24.47 -0.83 0.00	25.35 -0.87 0.00	28.87 -0.62 0.00	43.78 -0.27 0.00	37.09 -0.28 0.00	28.20 -0.41 0.00	27.57 -0.45 0.00	25.86 -0.40 0.00	34.33 -0.63 0.00	37.11 -0.48 0.00	40.17 -0.30 0.00	39.07 -0.24 0.00	38.07 -0.16 0.00	34.07 -0.32 0.00	42.14 -0.10 -0.17	36.15 -0.38 -3.50	37.84 -0.67 0.00	33.52 -0.57 0.00	30.59 -0.65 0.00	30.08 -0.55 0.00	32.86 -0.70 0.00
HISHELDN_WT_PWR 323625	18.81 -1.36 0.00	24.00 -1.81 0.00	23.78 -1.64 0.00	23.66 -1.64 0.00	24.89 -1.32 0.00	28.43 -1.06 0.00	37.85 -0.92 5.28	36.21 -1.16 0.00	25.96 -0.80 1.85	24.35 -0.81 2.86	24.64 -0.87 0.74	32.49 -1.27 1.20	35.11 -1.04 1.45	38.36 -0.90 1.21	35.78 -0.54 2.99	36.58 -0.57 1.09	33.35 -0.90 0.14	41.15 -1.04 -0.13	34.49 -1.19 -2.65	32.86 -1.35 4.30	31.01 -1.26 1.82	28.12 -1.26 1.86	29.30 -1.02 0.31	32.09 -0.96 0.51
HOLTSVILLE_IC_1 23690	20.78 1.28 0.66	27.72 1.91 0.00	27.22 1.81 0.00	27.16 1.86 0.00	28.02 1.81 0.00	31.76 2.28 0.00	48.11 4.06 0.00	41.39 4.02 0.00	31.08 2.47 0.00	29.88 1.86 0.00	28.41 2.15 -0.01	38.02 3.00 -0.05	45.29 3.16 -4.54	43.83 3.37 0.00	42.69 3.37 -0.01	41.37 3.14 0.00	37.68 3.29 0.00	46.50 3.97 -0.46	45.34 2.94 -9.36	41.36 2.85 0.00	36.70 2.60 0.00	34.72 2.62 -0.85	32.72 2.09 0.00	35.36 1.80 0.00

HOLTSVILLE_IC_10 23699	20.94 1.39 0.62	27.85 2.04 0.00	27.35 1.94 0.00	27.29 1.99 0.00	28.16 1.95 0.00	31.94 2.45 0.00	48.41 4.36 0.00	41.64 4.26 0.00	31.26 2.65 0.00	30.04 2.03 0.00	28.56 2.29 -0.01	38.23 3.22 -0.05	45.58 3.40 -4.58	44.10 3.63 0.00	42.96 3.64 -0.01	41.66 3.42 0.00	37.93 3.54 0.00	46.82 4.30 -0.46	45.58 3.19 -9.36	41.63 3.13 0.00	36.94 2.84 0.00	34.94 2.84 -0.86	32.91 2.28 0.00	35.55 1.99 0.00
HOLTSVILLE_IC_2 23691	20.78 1.28 0.66	27.72 1.91 0.00	27.22 1.81 0.00	27.16 1.86 0.00	28.02 1.81 0.00	31.76 2.28 0.00	48.11 4.06 0.00	41.39 4.02 0.00	31.08 2.47 0.00	29.88 1.86 0.00	28.41 2.15 -0.01	38.02 3.00 -0.05	45.29 3.16 -4.54	43.83 3.37 0.00	42.69 3.37 -0.01	41.37 3.14 0.00	37.68 3.29 0.00	46.50 3.97 -0.46	45.34 2.94 -9.36	41.36 2.85 0.00	36.70 2.60 0.00	34.72 2.62 -0.85	32.72 2.09 0.00	35.36 1.80 0.00
HOLTSVILLE_IC_3 23692	20.78 1.28 0.66	27.72 1.91 0.00	27.22 1.81 0.00	27.16 1.86 0.00	28.02 1.81 0.00	31.76 2.28 0.00	48.11 4.06 0.00	41.39 4.02 0.00	31.08 2.47 0.00	29.88 1.86 0.00	28.41 2.15 -0.01	38.02 3.00 -0.05	45.29 3.16 -4.54	43.83 3.37 0.00	42.69 3.37 -0.01	41.37 3.14 0.00	37.68 3.29 0.00	46.50 3.97 -0.46	45.34 2.94 -9.36	41.36 2.85 0.00	36.70 2.60 0.00	34.72 2.62 -0.85	32.72 2.09 0.00	35.36 1.80 0.00
HOLTSVILLE_IC_4 23693	20.78 1.28 0.66	27.72 1.91 0.00	27.22 1.81 0.00	27.16 1.86 0.00	28.02 1.81 0.00	31.76 2.28 0.00	48.11 4.06 0.00	41.39 4.02 0.00	31.08 2.47 0.00	29.88 1.86 0.00	28.41 2.15 -0.01	38.02 3.00 -0.05	45.29 3.16 -4.54	43.83 3.37 0.00	42.69 3.37 -0.01	41.37 3.14 0.00	37.68 3.29 0.00	46.50 3.97 -0.46	45.34 2.94 -9.36	41.36 2.85 0.00	36.70 2.60 0.00	34.72 2.62 -0.85	32.72 2.09 0.00	35.36 1.80 0.00
HOLTSVILLE_IC_5 23694	20.78 1.28 0.66	27.72 1.91 0.00	27.22 1.81 0.00	27.16 1.86 0.00	28.02 1.81 0.00	31.76 2.28 0.00	48.11 4.06 0.00	41.39 4.02 0.00	31.08 2.47 0.00	29.88 1.86 0.00	28.41 2.15 -0.01	38.02 3.00 -0.05	45.29 3.16 -4.54	43.83 3.37 0.00	42.69 3.37 -0.01	41.37 3.14 0.00	37.68 3.29 0.00	46.50 3.97 -0.46	45.34 2.94 -9.36	41.36 2.85 0.00	36.70 2.60 0.00	34.72 2.62 -0.85	32.72 2.09 0.00	35.36 1.80 0.00
HOLTSVILLE_IC_6 23695	20.94 1.39 0.62	27.85 2.04 0.00	27.35 1.94 0.00	27.29 1.99 0.00	28.16 1.95 0.00	31.94 2.45 0.00	48.41 4.36 0.00	41.64 4.26 0.00	31.26 2.65 0.00	30.04 2.03 0.00	28.56 2.29 -0.01	38.23 3.22 -0.05	45.58 3.40 -4.58	44.10 3.63 0.00	42.96 3.64 -0.01	41.66 3.42 0.00	37.93 3.54 0.00	46.82 4.30 -0.46	45.58 3.19 -9.36	41.63 3.13 0.00	36.94 2.84 0.00	34.94 2.84 -0.86	32.91 2.28 0.00	35.55 1.99 0.00
HOLTSVILLE_IC_7 23696	20.94 1.39 0.62	27.85 2.04 0.00	27.35 1.94 0.00	27.29 1.99 0.00	28.16 1.95 0.00	31.94 2.45 0.00	48.41 4.36 0.00	41.64 4.26 0.00	31.26 2.65 0.00	30.04 2.03 0.00	28.56 2.29 -0.01	38.23 3.22 -0.05	45.58 3.40 -4.58	44.10 3.63 0.00	42.96 3.64 -0.01	41.66 3.42 0.00	37.93 3.54 0.00	46.82 4.30 -0.46	45.58 3.19 -9.36	41.63 3.13 0.00	36.94 2.84 0.00	34.94 2.84 -0.86	32.91 2.28 0.00	35.55 1.99 0.00
HOLTSVILLE_IC_8 23697	20.94 1.39 0.62	27.85 2.04 0.00	27.35 1.94 0.00	27.29 1.99 0.00	28.16 1.95 0.00	31.94 2.45 0.00	48.41 4.36 0.00	41.64 4.26 0.00	31.26 2.65 0.00	30.04 2.03 0.00	28.56 2.29 -0.01	38.23 3.22 -0.05	45.58 3.40 -4.58	44.10 3.63 0.00	42.96 3.64 -0.01	41.66 3.42 0.00	37.93 3.54 0.00	46.82 4.30 -0.46	45.58 3.19 -9.36	41.63 3.13 0.00	36.94 2.84 0.00	34.94 2.84 -0.86	32.91 2.28 0.00	35.55 1.99 0.00
HOLTSVILLE_IC_9 23698	20.94 1.39 0.62	27.85 2.04 0.00	27.35 1.94 0.00	27.29 1.99 0.00	28.16 1.95 0.00	31.94 2.45 0.00	48.41 4.36 0.00	41.64 4.26 0.00	31.26 2.65 0.00	30.04 2.03 0.00	28.56 2.29 -0.01	38.23 3.22 -0.05	45.58 3.40 -4.58	44.10 3.63 0.00	42.96 3.64 -0.01	41.66 3.42 0.00	37.93 3.54 0.00	46.82 4.30 -0.46	45.58 3.19 -9.36	41.63 3.13 0.00	36.94 2.84 0.00	34.94 2.84 -0.86	32.91 2.28 0.00	35.55 1.99 0.00
HOMER_HL_115KV_TB2 355744	20.15 -0.02 0.00	25.73 -0.09 0.00	25.46 0.04 0.00	25.27 -0.04 0.00	26.36 0.14 0.00	29.91 0.43 0.00	45.61 1.55 0.00	38.13 0.76 0.00	29.23 0.62 0.00	28.64 0.62 0.00	26.74 0.48 0.00	35.66 0.69 0.00	38.66 1.07 0.00	41.67 1.21 0.00	40.62 1.31 0.00	39.47 1.23 0.00	34.89 0.50 0.00	42.99 0.80 -0.13	35.90 0.23 -2.64	38.86 0.36 0.00	34.58 0.48 0.00	31.70 0.46 0.00	31.19 0.56 0.00	34.21 0.65 0.00
HOWARD_WT_PWR 323690	18.29 -1.87 0.00	23.49 -2.33 0.00	23.29 -2.12 0.00	23.42 -1.89 0.00	24.66 -1.56 0.00	28.29 -1.19 0.00	45.85 -0.62 -2.41	36.87 -0.51 0.00	28.75 -0.70 -0.84	28.66 -0.66 -1.31	25.93 -0.67 -0.34	34.47 -1.04 -0.55	37.61 -0.64 -0.65	41.09 0.08 -0.54	41.18 0.52 -1.35	39.15 0.42 -0.49	34.26 -0.20 -0.06	41.79 -0.42 -0.15	35.42 -0.57 -2.96	39.59 -0.80 -1.88	34.10 -0.79 -0.79	30.99 -1.06 -0.81	29.99 -0.77 -0.14	32.97 -0.82 -0.22
HQ_GEN_CEDARS 23644	22.13 0.17 -1.80	28.02 0.17 -2.03	27.27 0.18 -1.68	25.50 0.19 0.00	26.51 0.30 0.00	29.80 0.31 0.00	44.11 0.06 0.00	37.28 -0.10 0.00	28.70 0.08 0.00	28.34 0.32 0.00	26.53 0.27 0.00	35.50 0.54 0.00	38.18 0.59 0.00	41.19 0.72 0.00	39.98 0.66 0.00	38.66 0.42 0.00	34.26 -0.13 0.00	41.65 -0.42 0.00	33.05 0.02 0.00	39.03 0.53 0.00	34.62 0.52 0.00	32.12 0.88 0.00	31.60 0.97 0.00	34.70 1.14 0.00
HQ_GEN_CEDARS_PROXY 323590	22.13 0.16 -1.80	28.02 0.17 -2.03	27.27 0.18 -1.68	25.50 0.19 0.00	26.51 0.30 0.00	29.80 0.31 0.00	46.80 0.06 -2.69	37.28 -0.10 0.00	28.70 0.08 0.00	28.34 0.32 0.00	26.53 0.27 0.00	35.50 0.54 0.00	38.18 0.59 0.00	41.19 0.72 0.00	39.98 0.66 0.00	41.93 0.42 -3.28	34.00 -0.13 0.26	41.65 -0.41 0.00	33.05 0.02 0.00	39.03 0.53 0.00	34.62 0.53 0.00	32.12 0.89 0.00	31.60 0.97 0.00	34.70 1.14 0.00
HQ_GEN_IMPORT 323601	20.23 0.07 0.00	25.86 0.05 0.00	25.47 0.06 0.00	25.36 0.06 0.00	26.32 0.11 0.00	29.57 0.08 0.00	43.89 -0.17 0.00	37.09 -0.29 0.00	28.54 -0.08 0.00	28.13 0.12 0.00	26.34 0.08 0.00	35.20 0.23 0.00	37.82 0.23 0.00	40.76 0.29 0.00	39.58 0.26 0.00	38.61 0.11 -0.26	33.20 -0.23 0.97	41.69 -0.37 0.00	32.95 -0.08 0.00	38.78 0.28 0.00	34.36 0.27 0.00	31.61 0.37 0.00	31.04 0.41 0.00	34.01 0.45 0.00
HQ_GEN_WHEEL 23651	20.23 0.07 0.00	25.86 0.05 0.00	25.47 0.06 0.00	25.36 0.06 0.00	26.32 0.11 0.00	29.57 0.08 0.00	43.89 -0.17 0.00	37.09 -0.29 0.00	28.54 -0.08 0.00	28.13 0.12 0.00	26.34 0.08 0.00	35.20 0.23 0.00	37.82 0.23 0.00	40.76 0.29 0.00	39.58 0.26 0.00	38.61 0.11 -0.26	33.20 -0.23 0.97	41.69 -0.37 0.00	32.95 -0.08 0.00	38.78 0.28 0.00	34.36 0.27 0.00	31.61 0.37 0.00	31.04 0.41 0.00	34.01 0.45 0.00

HUDSON AVE_GT_3 23810	21.03 0.87 0.00	26.93 1.12 0.00	26.53 1.11 0.00	26.46 1.16 0.00	27.34 1.12 0.00	30.92 1.44 0.00	46.78 2.73 0.00	40.19 2.82 0.00	30.46 1.85 0.00	29.55 1.53 0.00	27.87 1.61 0.00	36.98 2.02 0.00	39.63 2.04 0.00	42.48 2.02 0.00	41.28 1.96 0.00	40.39 2.15 0.00	36.93 2.54 0.00	45.80 3.28 -0.46	44.77 2.38 -9.36	40.58 2.07 0.00	35.85 1.76 0.00	32.74 1.50 0.00	31.81 1.18 0.00	34.53 0.97 0.00
HUDSON AVE_GT_4 23540	21.03 0.87 0.00	26.93 1.12 0.00	26.53 1.11 0.00	26.46 1.16 0.00	27.34 1.12 0.00	30.92 1.44 0.00	46.78 2.73 0.00	40.19 2.82 0.00	30.46 1.85 0.00	29.55 1.53 0.00	27.87 1.61 0.00	36.98 2.02 0.00	39.63 2.04 0.00	42.48 2.02 0.00	41.28 1.96 0.00	40.39 2.15 0.00	36.93 2.54 0.00	45.80 3.28 -0.46	44.77 2.38 -9.36	40.58 2.07 0.00	35.85 1.76 0.00	32.74 1.50 0.00	31.81 1.18 0.00	34.53 0.97 0.00
HUDSON AVE_GT_5 23657	21.03 0.87 0.00	26.93 1.12 0.00	26.53 1.11 0.00	26.46 1.16 0.00	27.34 1.12 0.00	30.92 1.44 0.00	46.78 2.73 0.00	40.19 2.82 0.00	30.46 1.85 0.00	29.55 1.53 0.00	27.87 1.61 0.00	36.98 2.02 0.00	39.63 2.04 0.00	42.48 2.02 0.00	41.28 1.96 0.00	40.39 2.15 0.00	36.93 2.54 0.00	45.80 3.28 -0.46	44.77 2.38 -9.36	40.58 2.07 0.00	35.85 1.76 0.00	32.74 1.50 0.00	31.81 1.18 0.00	34.53 0.97 0.00
HUDSON_AVE_10 24168	20.95 0.79 0.00	26.82 1.01 0.00	26.42 1.00 0.00	26.36 1.06 0.00	27.22 1.01 0.00	30.81 1.32 0.00	46.61 2.55 0.00	40.04 2.66 0.00	30.33 1.72 0.00	29.42 1.40 0.00	27.75 1.49 0.00	36.83 1.86 0.00	39.53 1.93 0.00	42.36 1.90 0.00	41.08 1.76 0.00	40.20 1.96 0.00	36.75 2.36 0.00	45.59 3.07 -0.46	44.61 2.21 -9.36	40.38 1.88 0.00	35.68 1.59 0.00	32.58 1.34 0.00	31.71 1.08 0.00	34.38 0.81 0.00
HUDSON___115KV_TB 4 355613	21.00 0.83 0.00	27.04 1.23 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.52 1.31 0.00	30.88 1.40 0.00	46.36 2.31 0.00	39.59 2.21 0.00	30.02 1.41 0.00	28.99 0.97 0.00	27.13 0.88 0.00	36.14 1.18 0.00	38.89 1.30 0.00	41.93 1.47 0.00	40.86 1.55 0.00	40.06 1.82 0.00	36.52 2.13 0.00	45.17 2.56 -0.54	45.88 1.80 -11.05	40.13 1.62 0.00	35.53 1.43 0.00	32.39 1.15 0.00	31.65 1.02 0.00	34.48 0.92 0.00
HUNTER MOUNT___DRP 323613	21.19 1.03 0.00	27.25 1.44 0.00	26.84 1.43 0.00	26.79 1.48 0.00	27.75 1.53 0.00	31.13 1.64 0.00	46.72 2.67 0.00	39.86 2.48 0.00	30.24 1.63 0.00	29.15 1.13 0.00	27.26 1.00 0.00	36.34 1.38 0.00	39.13 1.54 0.00	42.22 1.76 0.00	41.19 1.88 0.00	40.40 2.17 0.00	36.83 2.44 0.00	45.51 2.92 -0.53	45.88 2.06 -10.79	40.45 1.95 0.00	35.82 1.73 0.00	32.64 1.40 0.00	31.90 1.27 0.00	34.75 1.19 0.00
HUNTINGTON_RES_REC 323705	20.73 1.11 0.54	27.42 1.61 0.00	26.88 1.47 0.00	26.81 1.51 0.00	27.68 1.47 0.00	31.35 1.86 0.00	47.51 3.46 0.00	41.32 3.94 0.00	31.02 2.41 0.00	29.83 1.81 0.00	28.39 2.12 -0.01	37.96 2.94 -0.05	45.35 3.15 -4.61	43.80 3.34 0.00	42.65 3.33 -0.01	41.33 3.09 0.00	37.65 3.26 0.00	46.46 3.94 -0.46	45.33 2.94 -9.36	41.35 2.84 0.00	36.70 2.60 0.00	34.71 2.60 -0.87	32.70 2.08 0.00	35.33 1.77 0.00
HUNTLEY___63 23557	19.15 -1.01 0.00	24.37 -1.44 0.00	24.10 -1.31 0.00	23.88 -1.42 0.00	25.18 -1.03 0.00	28.64 -0.85 0.00	43.27 -0.78 0.00	35.98 -1.40 0.00	27.88 -0.73 0.00	27.28 -0.74 0.00	25.37 -0.89 0.00	33.67 -1.30 0.00	36.56 -1.03 0.00	39.27 -1.20 0.00	38.43 -0.89 0.00	37.17 -1.07 0.00	33.15 -1.24 0.00	40.68 -1.50 -0.12	33.86 -1.60 -2.43	36.81 -1.70 0.00	32.54 -1.55 0.00	29.80 -1.43 0.00	29.46 -1.17 0.00	32.52 -1.04 0.00
HUNTLEY___64 23558	19.15 -1.01 0.00	24.37 -1.44 0.00	24.10 -1.31 0.00	23.88 -1.42 0.00	25.18 -1.03 0.00	28.64 -0.85 0.00	43.27 -0.78 0.00	35.98 -1.40 0.00	27.88 -0.73 0.00	27.28 -0.74 0.00	25.37 -0.89 0.00	33.67 -1.30 0.00	36.56 -1.03 0.00	39.27 -1.20 0.00	38.43 -0.89 0.00	37.17 -1.07 0.00	33.15 -1.24 0.00	40.68 -1.50 -0.12	33.86 -1.60 -2.43	36.81 -1.70 0.00	32.54 -1.55 0.00	29.80 -1.43 0.00	29.46 -1.17 0.00	32.52 -1.04 0.00
HUNTLEY___65 23559	19.15 -1.01 0.00	24.37 -1.44 0.00	24.10 -1.31 0.00	23.88 -1.42 0.00	25.18 -1.03 0.00	28.64 -0.85 0.00	43.27 -0.78 0.00	35.98 -1.40 0.00	27.88 -0.73 0.00	27.28 -0.74 0.00	25.37 -0.89 0.00	33.67 -1.30 0.00	36.56 -1.03 0.00	39.27 -1.20 0.00	38.43 -0.89 0.00	37.17 -1.07 0.00	33.15 -1.24 0.00	40.68 -1.50 -0.12	33.86 -1.60 -2.43	36.81 -1.70 0.00	32.54 -1.55 0.00	29.80 -1.43 0.00	29.46 -1.17 0.00	32.52 -1.04 0.00
HUNTLEY___66 23560	19.15 -1.01 0.00	24.37 -1.44 0.00	24.10 -1.31 0.00	23.88 -1.42 0.00	25.18 -1.03 0.00	28.64 -0.85 0.00	43.27 -0.78 0.00	35.98 -1.40 0.00	27.88 -0.73 0.00	27.28 -0.74 0.00	25.37 -0.89 0.00	33.67 -1.30 0.00	36.56 -1.03 0.00	39.27 -1.20 0.00	38.43 -0.89 0.00	37.17 -1.07 0.00	33.15 -1.24 0.00	40.68 -1.50 -0.12	33.86 -1.60 -2.43	36.81 -1.70 0.00	32.54 -1.55 0.00	29.80 -1.43 0.00	29.46 -1.17 0.00	32.52 -1.04 0.00
HUNTLEY___67 23561	19.02 -1.15 0.00	24.22 -1.59 0.00	23.97 -1.45 0.00	23.74 -1.56 0.00	25.01 -1.21 0.00	28.45 -1.04 0.00	42.94 -1.11 0.00	35.80 -1.58 0.00	27.65 -0.95 0.00	27.03 -0.98 0.00	25.19 -1.07 0.00	33.46 -1.50 0.00	36.33 -1.27 0.00	39.02 -1.44 0.00	38.13 -1.19 0.00	36.96 -1.28 0.00	32.93 -1.45 0.00	40.47 -1.71 -0.12	33.73 -1.76 -2.46	36.57 -1.93 0.00	32.35 -1.75 0.00	29.61 -1.63 0.00	29.32 -1.31 0.00	32.38 -1.19 0.00
HUNTLEY___68 23562	19.02 -1.15 0.00	24.22 -1.59 0.00	23.97 -1.45 0.00	23.74 -1.56 0.00	25.01 -1.21 0.00	28.45 -1.04 0.00	42.94 -1.11 0.00	35.80 -1.58 0.00	27.65 -0.95 0.00	27.03 -0.98 0.00	25.19 -1.07 0.00	33.46 -1.50 0.00	36.33 -1.27 0.00	39.02 -1.44 0.00	38.13 -1.19 0.00	36.96 -1.28 0.00	32.93 -1.45 0.00	40.47 -1.71 -0.12	33.73 -1.76 -2.46	36.57 -1.93 0.00	32.35 -1.75 0.00	29.61 -1.63 0.00	29.32 -1.31 0.00	32.38 -1.19 0.00
HYLAND___LFGE 323620	19.90 -0.27 0.00	25.40 -0.41 0.00	25.11 -0.30 0.00	25.00 -0.31 0.00	26.18 -0.03 0.00	29.89 0.40 0.00	45.61 1.56 0.00	38.62 1.25 0.00	29.49 0.88 0.00	28.83 0.81 0.00	26.97 0.71 0.00	35.71 0.75 0.00	38.69 1.10 0.00	41.80 1.33 0.00	40.77 1.45 0.00	39.76 1.52 0.00	35.68 1.29 0.00	43.90 1.71 -0.13	36.71 1.06 -2.62	39.66 1.16 0.00	34.98 0.88 0.00	31.87 0.63 0.00	31.30 0.67 0.00	34.32 0.76 0.00
INDECK___CORINTH 23802	20.53 0.36 0.00	26.27 0.46 0.00	25.83 0.41 0.00	25.77 0.47 0.00	26.72 0.51 0.00	30.18 0.69 0.00	45.28 1.23 0.00	38.67 1.29 0.00	29.35 0.73 0.00	28.38 0.37 0.00	26.55 0.30 0.00	35.52 0.56 0.00	38.29 0.69 0.00	41.30 0.83 0.00	40.14 0.83 0.00	39.16 0.93 0.00	35.85 1.46 0.00	44.45 1.82 -0.57	45.84 1.17 -11.65	40.21 1.71 0.00	35.82 1.72 0.00	32.73 1.49 0.00	32.02 1.39 0.00	34.89 1.33 0.00

INDECK___ILION 23567	20.28 0.11 0.00	26.00 0.19 0.00	25.58 0.16 0.00	25.50 0.20 0.00	26.39 0.18 0.00	29.70 0.22 0.00	44.57 0.52 0.00	38.08 0.70 0.00	28.98 0.37 0.00	28.17 0.16 0.00	26.38 0.12 0.00	34.96 0.00 0.00	37.74 0.14 0.00	40.63 0.17 0.00	39.53 0.21 0.00	38.60 0.36 0.00	35.06 0.67 0.00	43.00 0.92 -0.01	33.86 0.56 -0.27	38.86 0.35 0.00	34.35 0.26 0.00	31.40 0.16 0.00	30.73 0.09 0.00	33.50 -0.06 0.00
INDECK___OLEAN 23982	20.15 -0.02 0.00	25.73 -0.09 0.00	25.46 0.05 0.00	25.27 -0.03 0.00	26.36 0.14 0.00	29.92 0.43 0.00	30.50 1.55 15.10	38.14 0.76 0.00	23.95 0.62 5.28	20.46 0.63 8.19	24.61 0.48 2.13	32.24 0.70 3.42	34.58 1.07 4.09	38.25 1.20 3.42	32.18 1.31 8.44	36.41 1.24 3.07	34.48 0.49 0.40	42.99 0.80 -0.13	35.90 0.23 -2.64	26.81 0.37 12.07	29.48 0.49 5.10	26.50 0.47 5.21	30.33 0.57 0.87	32.79 0.65 1.42
INDECK___OSWEGO 23783	19.59 -0.57 0.00	25.06 -0.75 0.00	24.68 -0.73 0.00	24.56 -0.74 0.00	25.39 -0.82 0.00	28.62 -0.87 0.00	43.01 -1.05 0.00	36.51 -0.87 0.00	27.91 -0.70 0.00	27.26 -0.76 0.00	25.57 -0.69 0.00	33.93 -1.03 0.00	36.51 -1.08 0.00	39.27 -1.19 0.00	38.21 -1.11 0.00	37.17 -1.07 0.00	33.53 -0.87 0.00	41.16 -0.98 -0.08	33.81 -0.87 -1.64	37.32 -1.18 0.00	33.02 -1.07 0.00	30.17 -1.07 0.00	29.60 -1.03 0.00	32.55 -1.01 0.00
INDECK___YERKES 23781	19.17 -0.99 0.00	24.40 -1.41 0.00	24.13 -1.29 0.00	23.91 -1.39 0.00	25.21 -1.01 0.00	28.68 -0.81 0.00	34.38 -0.72 8.95	36.01 -1.36 0.00	24.78 -0.70 3.13	22.47 -0.69 4.85	24.14 -0.85 1.26	31.68 -1.24 2.04	34.16 -0.99 2.45	37.27 -1.16 2.05	33.44 -0.83 5.05	35.40 -1.00 1.84	32.94 -1.21 0.24	40.73 -1.45 -0.12	33.90 -1.56 -2.43	29.64 -1.64 7.23	29.54 -1.50 3.06	26.74 -1.38 3.12	28.97 -1.14 0.52	31.70 -1.00 0.85
INDIAN POINT_GT_1 24139	20.90 0.73 0.00	26.77 0.96 0.00	26.39 0.97 0.00	26.34 1.03 0.00	27.22 1.00 0.00	30.75 1.27 0.00	46.44 2.39 0.00	39.88 2.50 0.00	30.20 1.59 0.00	29.27 1.25 0.00	27.58 1.32 0.00	36.63 1.66 0.00	39.30 1.70 0.00	42.19 1.72 0.00	40.93 1.61 0.00	40.02 1.78 0.00	36.56 2.17 0.00	45.37 2.85 -0.46	44.34 2.03 -9.28	40.24 1.73 0.00	35.56 1.47 0.00	32.45 1.22 0.00	31.64 1.01 0.00	34.41 0.84 0.00
INDIAN POINT_GT_2 23659	20.90 0.73 0.00	26.77 0.96 0.00	26.39 0.97 0.00	26.34 1.03 0.00	27.22 1.00 0.00	30.75 1.27 0.00	46.44 2.39 0.00	39.88 2.50 0.00	30.20 1.59 0.00	29.27 1.25 0.00	27.58 1.32 0.00	36.63 1.66 0.00	39.30 1.70 0.00	42.19 1.72 0.00	40.93 1.61 0.00	40.02 1.78 0.00	36.56 2.17 0.00	45.37 2.85 -0.46	44.34 2.03 -9.28	40.24 1.73 0.00	35.56 1.47 0.00	32.45 1.22 0.00	31.64 1.01 0.00	34.41 0.84 0.00
INDIAN POINT_GT_3 24019	20.90 0.73 0.00	26.77 0.96 0.00	26.39 0.97 0.00	26.34 1.03 0.00	27.22 1.00 0.00	30.75 1.27 0.00	46.44 2.39 0.00	39.88 2.50 0.00	30.20 1.59 0.00	29.27 1.25 0.00	27.58 1.32 0.00	36.63 1.66 0.00	39.30 1.70 0.00	42.19 1.72 0.00	40.93 1.61 0.00	40.02 1.78 0.00	36.56 2.17 0.00	45.37 2.85 -0.46	44.34 2.03 -9.28	40.24 1.73 0.00	35.56 1.47 0.00	32.45 1.22 0.00	31.64 1.01 0.00	34.41 0.84 0.00
INDIAN POINT___2 23530	20.87 0.70 0.00	26.74 0.92 0.00	26.35 0.94 0.00	26.30 1.00 0.00	27.18 0.96 0.00	30.71 1.22 0.00	46.38 2.33 0.00	39.81 2.43 0.00	30.15 1.55 0.00	29.23 1.21 0.00	27.54 1.28 0.00	36.58 1.62 0.00	39.26 1.66 0.00	42.14 1.67 0.00	40.88 1.56 0.00	39.96 1.73 0.00	36.50 2.11 0.00	45.30 2.80 -0.45	44.18 1.98 -9.17	40.18 1.67 0.00	35.52 1.42 0.00	32.42 1.18 0.00	31.59 0.96 0.00	34.37 0.81 0.00
INDIAN POINT___3 23531	20.88 0.71 0.00	26.76 0.94 0.00	26.37 0.96 0.00	26.33 1.03 0.00	27.20 0.98 0.00	30.73 1.25 0.00	46.41 2.36 0.00	39.84 2.46 0.00	30.17 1.56 0.00	29.24 1.23 0.00	27.55 1.29 0.00	36.59 1.63 0.00	39.26 1.67 0.00	42.15 1.68 0.00	40.89 1.58 0.00	39.98 1.74 0.00	36.52 2.13 0.00	45.32 2.81 -0.46	44.31 1.99 -9.28	40.20 1.69 0.00	35.53 1.43 0.00	32.43 1.18 0.00	31.61 0.98 0.00	34.39 0.82 0.00
INGHAM_C_115KV_TB7 356103	20.31 0.15 0.00	26.08 0.27 0.00	25.62 0.21 0.00	25.60 0.30 0.00	26.46 0.25 0.00	29.80 0.31 0.00	44.88 0.83 0.00	38.65 1.28 0.00	29.25 0.64 0.00	28.13 0.11 0.00	26.30 0.04 0.00	34.89 -0.07 0.00	37.64 0.04 0.00	40.53 0.06 0.00	39.54 0.22 0.00	38.77 0.53 0.00	35.57 1.18 0.00	43.71 1.64 -0.01	34.27 0.97 -0.27	39.01 0.51 0.00	34.43 0.33 0.00	31.39 0.15 0.00	30.66 0.04 0.00	33.25 -0.31 0.00
IP CORINTH___1 23988	20.64 0.47 0.00	26.41 0.60 0.00	25.98 0.56 0.00	25.91 0.60 0.00	26.87 0.65 0.00	30.33 0.85 0.00	45.54 1.49 0.00	38.88 1.51 0.00	29.51 0.90 0.00	28.54 0.52 0.00	26.70 0.44 0.00	35.71 0.75 0.00	38.50 0.91 0.00	41.52 1.05 0.00	40.37 1.06 0.00	39.39 1.15 0.00	36.05 1.66 0.00	44.70 2.06 -0.57	46.03 1.34 -11.65	40.26 1.75 0.00	35.82 1.73 0.00	32.73 1.49 0.00	32.02 1.39 0.00	34.89 1.33 0.00
IP___TICONDEROGA 23804	21.17 1.00 0.00	27.04 1.23 0.00	26.63 1.22 0.00	26.53 1.23 0.00	27.59 1.38 0.00	31.41 1.92 0.00	47.04 2.99 0.00	40.36 2.98 0.00	30.51 1.90 0.00	29.31 1.29 0.00	27.35 1.09 0.00	36.49 1.53 0.00	39.33 1.73 0.00	42.60 2.13 0.00	41.46 2.14 0.00	40.86 2.62 0.00	37.85 3.46 0.00	46.48 3.85 -0.57	47.27 2.60 -11.63	41.20 2.70 0.00	36.84 2.74 0.00	33.59 2.35 0.00	33.04 2.41 0.00	36.01 2.45 0.00
ISLIP_RES_REC 323679	21.06 1.48 0.58	27.96 2.15 0.00	27.45 2.04 0.00	27.39 2.09 0.00	28.27 2.06 0.00	32.07 2.59 0.00	48.63 4.58 0.00	41.82 4.45 0.00	31.40 2.78 0.00	30.18 2.16 0.00	28.68 2.41 -0.01	38.42 3.41 -0.05	45.79 3.60 -4.60	44.33 3.86 0.00	43.19 3.87 -0.01	41.88 3.65 0.00	38.14 3.75 0.00	47.08 4.56 -0.46	45.77 3.38 -9.36	41.85 3.35 0.00	37.12 3.02 0.00	35.09 2.99 -0.86	33.06 2.43 0.00	35.70 2.13 0.00
JAMAICA__27_KV_LOAD 355505	21.07 0.90 0.00	26.95 1.14 0.00	26.56 1.14 0.00	26.49 1.19 0.00	27.36 1.15 0.00	30.96 1.47 0.00	46.83 2.78 0.00	40.22 2.84 0.00	30.47 1.86 0.00	29.54 1.52 0.00	27.86 1.60 0.00	36.98 2.02 0.00	39.67 2.07 0.00	42.51 2.04 0.00	41.22 1.90 0.00	40.33 2.09 0.00	36.89 2.51 0.00	45.76 3.24 -0.46	44.75 2.36 -9.36	40.54 2.04 0.00	35.82 1.72 0.00	32.70 1.46 0.00	31.83 1.20 0.00	34.43 0.87 0.00
JANIS___SOLAR 323808	20.57 0.41 0.00	26.35 0.54 0.00	25.95 0.54 0.00	25.82 0.52 0.00	26.83 0.62 0.00	30.49 1.01 0.00	48.75 2.23 -2.47	39.41 2.04 0.00	31.02 1.55 -0.86	30.82 1.47 -1.34	27.98 1.37 -0.35	37.21 1.69 -0.56	40.02 1.75 -0.67	43.16 2.13 -0.56	43.03 2.32 -1.39	41.02 2.28 -0.50	36.48 2.03 -0.07	44.99 2.75 -0.17	38.48 1.96 -3.49	42.46 2.03 -1.93	36.53 1.62 -0.82	33.30 1.23 -0.83	31.84 1.07 -0.14	34.91 1.12 -0.23

JARVIS____ 23743	20.18 0.02 0.00	25.86 0.04 0.00	25.46 0.04 0.00	25.35 0.05 0.00	26.24 0.03 0.00	29.51 0.03 0.00	44.15 0.10 0.00	37.54 0.16 0.00	28.69 0.08 0.00	28.07 0.05 0.00	26.31 0.05 0.00	34.98 0.02 0.00	37.65 0.06 0.00	40.51 0.04 0.00	39.32 0.00 0.00	38.28 0.05 0.00	34.56 0.17 0.00	42.29 0.22 -0.01	33.41 0.11 -0.27	38.53 0.03 0.00	34.12 0.03 0.00	31.24 0.00 0.00	30.63 0.00 0.00	33.53 -0.03 0.00
JENNISON____1 23625	20.33 0.17 0.00	26.12 0.31 0.00	25.76 0.35 0.00	25.57 0.27 0.00	26.53 0.32 0.00	30.27 0.79 0.00	45.98 1.93 0.00	39.27 1.89 0.00	30.09 1.48 0.00	29.51 1.49 0.00	27.63 1.37 0.00	36.59 1.63 0.00	39.15 1.56 0.00	42.51 2.04 0.00	41.65 2.33 0.00	40.36 2.13 0.00	35.98 1.59 0.00	44.68 2.41 -0.21	39.04 1.80 -4.21	40.24 1.74 0.00	35.42 1.32 0.00	32.26 1.02 0.00	31.57 0.94 0.00	34.51 0.95 0.00
JENNISON____2 23626	20.33 0.17 0.00	26.12 0.31 0.00	25.76 0.35 0.00	25.57 0.27 0.00	26.53 0.32 0.00	30.27 0.79 0.00	45.98 1.93 0.00	39.27 1.89 0.00	30.09 1.48 0.00	29.51 1.49 0.00	27.63 1.37 0.00	36.59 1.63 0.00	39.15 1.56 0.00	42.51 2.04 0.00	41.65 2.33 0.00	40.36 2.13 0.00	35.98 1.59 0.00	44.68 2.41 -0.21	39.04 1.80 -4.21	40.24 1.74 0.00	35.42 1.32 0.00	32.26 1.02 0.00	31.57 0.94 0.00	34.51 0.95 0.00
JERICHO_RISE_WT_PWR 323719	-24.29 -0.58 43.87	-24.70 -0.80 49.72	-16.41 -0.78 41.05	24.78 -0.53 0.00	26.13 -0.09 0.00	29.73 0.24 0.00	43.96 -0.09 0.00	37.10 -0.28 0.00	28.47 -0.15 0.00	28.15 0.14 0.00	26.50 0.24 0.00	35.58 0.61 0.00	38.46 0.86 0.00	41.58 1.11 0.00	40.60 1.29 0.00	39.01 0.78 0.00	34.79 0.40 0.00	42.22 0.16 0.00	33.62 0.59 0.00	39.73 1.22 0.00	35.50 1.41 0.00	32.74 1.50 0.00	32.24 1.60 0.00	35.27 1.72 0.00
KATONAH__115KV_46KV_TB4 355592	21.09 0.93 0.00	27.02 1.21 0.00	26.61 1.20 0.00	26.55 1.25 0.00	27.45 1.23 0.00	31.04 1.55 0.00	46.89 2.84 0.00	40.24 2.87 0.00	30.49 1.87 0.00	29.66 1.64 0.00	27.92 1.66 0.00	36.98 2.02 0.00	39.62 2.02 0.00	42.54 2.07 0.00	41.28 1.97 0.00	40.37 2.13 0.00	36.89 2.50 0.00	45.79 3.27 -0.47	44.86 2.36 -9.48	40.62 2.12 0.00	35.90 1.81 0.00	32.74 1.50 0.00	31.90 1.27 0.00	34.67 1.10 0.00
KCE_NY_1 323755	21.05 0.88 0.00	26.97 1.16 0.00	26.52 1.11 0.00	26.43 1.13 0.00	27.41 1.20 0.00	30.88 1.39 0.00	46.40 2.35 0.00	39.60 2.22 0.00	29.99 1.38 0.00	29.07 1.05 0.00	27.22 0.96 0.00	36.27 1.31 0.00	39.06 1.47 0.00	42.11 1.64 0.00	40.92 1.60 0.00	40.00 1.76 0.00	36.52 2.13 0.00	45.20 2.57 -0.57	46.46 1.81 -11.62	40.39 1.88 0.00	35.80 1.71 0.00	32.66 1.42 0.00	31.94 1.31 0.00	34.86 1.30 0.00
KCE_NY_6_ESR 323823	19.26 -0.90 0.00	24.55 -1.26 0.00	24.29 -1.13 0.00	24.07 -1.23 0.00	25.34 -0.87 0.00	28.87 -0.62 0.00	33.70 -0.41 9.95	36.50 -0.87 0.00	24.69 -0.44 3.48	22.16 -0.46 5.39	24.29 -0.57 1.40	31.89 -0.80 2.27	34.37 -0.49 2.74	37.60 -0.58 2.29	33.34 -0.32 5.66	35.80 -0.37 2.06	33.42 -0.70 0.27	41.45 -0.73 -0.12	34.52 -1.02 -2.51	29.35 -1.06 8.09	29.68 -0.99 3.42	26.80 -0.95 3.49	29.35 -0.70 0.58	32.05 -0.55 0.95
KEDC_PORT_JEFF_GT2 24210	20.91 1.38 0.64	27.85 2.04 0.00	27.34 1.93 0.00	27.27 1.97 0.00	28.15 1.94 0.00	31.91 2.43 0.00	48.36 4.31 0.00	41.56 4.19 0.00	31.20 2.59 0.00	29.99 1.97 0.00	28.52 2.25 -0.01	38.16 3.15 -0.05	45.50 3.34 -4.57	44.02 3.55 0.00	42.88 3.56 -0.01	41.58 3.34 0.00	37.86 3.47 0.00	46.74 4.22 -0.46	45.52 3.12 -9.36	41.56 3.05 0.00	36.87 2.78 0.00	34.87 2.78 -0.86	32.85 2.23 0.00	35.49 1.93 0.00
KEDC_PORT_JEFF_GT3 24211	20.91 1.38 0.64	27.85 2.04 0.00	27.34 1.93 0.00	27.27 1.97 0.00	28.15 1.94 0.00	31.91 2.43 0.00	48.36 4.31 0.00	41.56 4.19 0.00	31.20 2.59 0.00	29.99 1.97 0.00	28.52 2.25 -0.01	38.16 3.15 -0.05	45.50 3.34 -4.57	44.02 3.55 0.00	42.88 3.56 -0.01	41.58 3.34 0.00	37.86 3.47 0.00	46.74 4.22 -0.46	45.52 3.12 -9.36	41.56 3.05 0.00	36.87 2.78 0.00	34.87 2.78 -0.86	32.85 2.23 0.00	35.49 1.93 0.00
KEDC_GLWD_GT4 24219	22.68 1.04 -1.47	27.25 1.43 -0.01	26.78 1.36 -0.01	26.71 1.40 -0.01	27.61 1.38 -0.01	31.22 1.74 0.00	47.21 3.16 0.00	40.58 3.20 0.00	30.54 1.93 0.00	29.56 1.54 0.00	28.09 1.81 -0.02	37.41 2.37 -0.09	47.88 2.45 -7.83	42.86 2.39 0.00	41.61 2.29 -0.01	40.57 2.33 0.00	37.03 2.64 0.00	45.85 3.33 -0.46	44.81 2.42 -9.36	40.71 2.21 0.00	36.03 1.93 0.00	34.39 1.75 -1.40	32.05 1.42 0.00	34.89 1.33 0.00
KEDC_GLWD_GT5 24220	22.68 1.04 -1.47	27.25 1.43 -0.01	26.78 1.36 -0.01	26.71 1.40 -0.01	27.61 1.38 -0.01	31.22 1.74 0.00	47.21 3.16 0.00	40.58 3.20 0.00	30.54 1.93 0.00	29.56 1.54 0.00	28.09 1.81 -0.02	37.41 2.37 -0.09	47.88 2.45 -7.83	42.86 2.39 0.00	41.61 2.29 -0.01	40.57 2.33 0.00	37.03 2.64 0.00	45.85 3.33 -0.46	44.81 2.42 -9.36	40.71 2.21 0.00	36.03 1.93 0.00	34.39 1.75 -1.40	32.05 1.42 0.00	34.89 1.33 0.00
KENSICO____ 23655	20.96 0.80 0.00	26.86 1.04 0.00	26.46 1.05 0.00	26.41 1.10 0.00	27.29 1.07 0.00	30.84 1.35 0.00	46.58 2.52 0.00	39.99 2.62 0.00	30.29 1.68 0.00	29.36 1.34 0.00	27.67 1.41 0.00	36.74 1.78 0.00	39.43 1.83 0.00	42.31 1.85 0.00	41.05 1.73 0.00	40.14 1.90 0.00	36.67 2.28 0.00	45.51 2.99 -0.46	44.51 2.14 -9.35	40.36 1.85 0.00	35.68 1.58 0.00	32.57 1.33 0.00	31.73 1.10 0.00	34.49 0.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.14 0.97 0.00	27.06 1.25 0.00	26.64 1.22 0.00	26.58 1.28 0.00	27.48 1.26 0.00	31.11 1.62 0.00	47.05 3.00 0.00	40.36 2.99 0.00	30.57 1.96 0.00	29.62 1.61 0.00	27.80 1.54 0.00	36.98 2.01 0.00	39.72 2.12 0.00	42.69 2.22 0.00	41.45 2.14 0.00	40.51 2.28 0.00	36.95 2.56 0.00	45.90 3.39 -0.44	44.47 2.45 -8.99	40.78 2.28 0.00	36.03 1.93 0.00	32.86 1.62 0.00	32.00 1.37 0.00	34.81 1.25 0.00
KIAC_JFK_GT1 23816	21.00 0.83 0.00	26.87 1.05 0.00	26.47 1.05 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.65 2.60 0.00	40.07 2.69 0.00	30.36 1.75 0.00	29.44 1.43 0.00	27.76 1.50 0.00	36.85 1.89 0.00	39.51 1.92 0.00	42.35 1.88 0.00	41.06 1.75 0.00	40.19 1.95 0.00	36.75 2.37 0.00	45.59 3.07 -0.46	44.62 2.23 -9.36	40.38 1.88 0.00	35.68 1.59 0.00	32.58 1.34 0.00	31.71 1.08 0.00	34.32 0.76 0.00
KIAC_JFK_GT2 23817	21.00 0.83 0.00	26.87 1.05 0.00	26.47 1.05 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.65 2.60 0.00	40.07 2.69 0.00	30.36 1.75 0.00	29.44 1.43 0.00	27.76 1.50 0.00	36.85 1.89 0.00	39.51 1.92 0.00	42.35 1.88 0.00	41.06 1.75 0.00	40.19 1.95 0.00	36.75 2.37 0.00	45.59 3.07 -0.46	44.62 2.23 -9.36	40.38 1.88 0.00	35.68 1.59 0.00	32.58 1.34 0.00	31.71 1.08 0.00	34.32 0.76 0.00

KIAC_JFK____ 323774	21.00 0.83 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.10 0.00	27.28 1.06 0.00	30.85 1.36 0.00	46.65 2.60 0.00	40.07 2.69 0.00	30.36 1.75 0.00	29.44 1.42 0.00	27.76 1.50 0.00	36.85 1.89 0.00	39.51 1.92 0.00	42.35 1.88 0.00	41.06 1.75 0.00	40.18 1.94 0.00	36.76 2.37 0.00	45.59 3.07 -0.46	44.62 2.23 -9.36	40.38 1.88 0.00	35.68 1.59 0.00	32.58 1.34 0.00	31.71 1.08 0.00	34.32 0.75 0.00
KINTIGH____ 23543	18.99 -1.17 0.00	24.22 -1.60 0.00	23.94 -1.48 0.00	23.72 -1.59 0.00	24.90 -1.31 0.00	28.24 -1.25 0.00	42.58 -1.48 0.00	35.59 -1.78 0.00	27.44 -1.17 0.00	26.81 -1.21 0.00	25.02 -1.24 0.00	33.24 -1.73 0.00	35.99 -1.60 0.00	38.64 -1.83 0.00	37.70 -1.62 0.00	36.58 -1.66 0.00	32.70 -1.69 0.00	40.17 -2.00 -0.11	33.37 -1.93 -2.27	36.30 -2.21 0.00	32.09 -2.00 0.00	29.40 -1.84 0.00	29.06 -1.57 0.00	32.06 -1.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-22.64 -0.18 42.62	-22.83 -0.34 48.30	-14.91 -0.45 39.88	25.10 -0.20 0.00	26.48 0.27 0.00	30.18 0.69 0.00	44.74 0.69 0.00	37.92 0.55 0.00	29.03 0.42 0.00	28.72 0.71 0.00	27.02 0.76 0.00	35.96 0.99 0.00	38.89 1.30 0.00	42.10 1.64 0.00	41.13 1.81 0.00	39.38 1.14 0.00	35.24 0.85 0.00	42.75 0.69 0.00	34.08 1.05 0.00	40.22 1.72 0.00	36.05 1.95 0.00	33.22 1.98 0.00	32.73 2.10 0.00	35.77 2.21 0.00
LACHUTE____HYDRO 323717	21.17 1.00 0.00	27.04 1.23 0.00	26.63 1.22 0.00	26.53 1.23 0.00	27.60 1.38 0.00	31.41 1.92 0.00	47.04 2.99 0.00	40.35 2.98 0.00	30.51 1.90 0.00	29.31 1.29 0.00	27.35 1.09 0.00	36.49 1.53 0.00	39.32 1.73 0.00	42.59 2.13 0.00	41.45 2.13 0.00	40.85 2.61 0.00	37.85 3.46 0.00	46.48 3.84 -0.57	47.27 2.61 -11.63	41.20 2.70 0.00	36.84 2.74 0.00	33.58 2.35 0.00	33.04 2.41 0.00	36.01 2.45 0.00
LAWRNCV_115KV_TB1 80681	25.19 -0.15 -5.17	31.46 -0.21 -5.86	30.05 -0.20 -4.84	25.17 -0.14 0.00	26.18 -0.03 0.00	29.47 -0.01 0.00	43.92 -0.14 0.00	37.19 -0.18 0.00	28.62 0.01 0.00	28.31 0.29 0.00	26.54 0.29 0.00	35.52 0.56 0.00	38.22 0.62 0.00	41.23 0.76 0.00	40.03 0.72 0.00	38.63 0.39 0.00	34.04 -0.35 0.00	41.22 -0.85 -0.01	33.03 -0.26 -0.26	38.74 0.23 0.00	34.33 0.23 0.00	31.91 0.67 0.00	31.45 0.82 0.00	34.64 1.08 0.00
LEDERLE____ 23769	20.91 0.74 0.00	26.79 0.98 0.00	26.43 1.02 0.00	26.39 1.09 0.00	27.27 1.05 0.00	30.82 1.33 0.00	46.57 2.52 0.00	39.99 2.61 0.00	30.29 1.68 0.00	29.36 1.34 0.00	27.67 1.41 0.00	36.74 1.78 0.00	39.43 1.84 0.00	42.34 1.87 0.00	41.08 1.76 0.00	40.14 1.90 0.00	36.66 2.27 0.00	45.51 3.00 -0.45	44.21 2.12 -9.05	40.36 1.86 0.00	35.67 1.57 0.00	32.54 1.30 0.00	31.72 1.09 0.00	34.51 0.94 0.00
LIGHTHSE_115KV_TB6 355974	19.40 -0.77 0.00	24.83 -0.99 0.00	24.47 -0.94 0.00	24.40 -0.91 0.00	25.25 -0.96 0.00	28.46 -1.03 0.00	42.95 -1.11 0.00	36.66 -0.72 0.00	28.00 -0.61 0.00	27.47 -0.55 0.00	25.86 -0.40 0.00	34.34 -0.63 0.00	36.96 -0.64 0.00	39.73 -0.74 0.00	38.62 -0.70 0.00	37.45 -0.79 0.00	33.74 -0.65 0.00	41.47 -0.67 -0.07	33.99 -0.55 -1.51	37.69 -0.81 0.00	33.29 -0.80 0.00	30.49 -0.75 0.00	29.95 -0.68 0.00	32.91 -0.65 0.00
LINDEN COGEN____ 23786	20.89 0.72 0.00	26.75 0.93 0.00	26.35 0.94 0.00	26.29 0.99 0.00	27.15 0.94 0.00	30.71 1.22 0.00	46.44 2.40 0.00	39.90 2.53 0.00	30.22 1.61 0.00	29.30 1.28 0.00	27.65 1.39 0.00	36.69 1.72 0.00	39.37 1.77 0.00	42.21 1.74 0.00	40.93 1.61 0.00	40.06 1.82 0.00	36.63 2.25 0.00	45.46 2.93 -0.46	44.48 2.09 -9.36	40.23 1.72 0.00	35.56 1.46 0.00	32.45 1.21 0.00	31.61 0.97 0.00	34.30 0.74 0.00
LINDHRST_69_KV_BK1 356055	21.79 1.36 -0.26	27.72 1.91 0.00	27.19 1.78 0.00	27.13 1.82 0.00	28.02 1.80 0.00	31.74 2.25 0.00	48.05 4.00 0.00	41.34 3.97 0.00	31.10 2.49 0.00	29.95 1.93 0.00	28.48 2.21 -0.01	38.04 3.03 -0.05	45.91 3.22 -5.09	43.85 3.39 0.00	42.65 3.32 -0.01	41.40 3.16 0.00	37.71 3.32 0.00	46.59 4.07 -0.46	45.40 3.00 -9.36	41.44 2.94 0.00	36.76 2.67 0.00	34.79 2.60 -0.94	32.74 2.11 0.00	35.41 1.85 0.00
LIPA_MISC_IPP 23656	20.87 1.37 0.66	27.81 2.00 0.00	27.31 1.90 0.00	27.25 1.95 0.00	28.11 1.90 0.00	31.88 2.40 0.00	48.33 4.28 0.00	41.58 4.21 0.00	31.20 2.59 0.00	29.97 1.96 0.00	28.49 2.21 -0.01	38.15 3.14 -0.05	45.45 3.31 -4.55	44.01 3.54 0.00	42.88 3.56 -0.01	41.59 3.36 0.00	37.86 3.47 0.00	46.73 4.21 -0.46	45.51 3.12 -9.36	41.56 3.06 0.00	36.86 2.77 0.00	34.88 2.78 -0.86	32.86 2.23 0.00	35.49 1.93 0.00
LISF____SOLAR 323691	20.91 1.39 0.65	27.85 2.04 0.00	27.35 1.94 0.00	27.29 1.99 0.00	28.15 1.94 0.00	31.92 2.44 0.00	48.41 4.36 0.00	41.66 4.28 0.00	31.25 2.64 0.00	30.00 1.99 0.00	28.51 2.25 -0.01	38.21 3.20 -0.05	45.51 3.36 -4.56	44.09 3.63 0.00	42.96 3.64 -0.01	41.66 3.42 0.00	37.94 3.55 0.00	46.83 4.31 -0.46	45.58 3.19 -9.36	41.63 3.12 0.00	36.93 2.84 0.00	34.93 2.84 -0.86	32.91 2.28 0.00	35.55 1.98 0.00
LITTLE FALLS____HYD 24013	20.31 0.15 0.00	26.08 0.27 0.00	25.62 0.21 0.00	25.60 0.30 0.00	26.46 0.25 0.00	29.80 0.31 0.00	44.88 0.83 0.00	38.65 1.28 0.00	29.25 0.64 0.00	28.13 0.11 0.00	26.30 0.04 0.00	34.89 -0.07 0.00	37.64 0.04 0.00	40.53 0.06 0.00	39.54 0.22 0.00	38.77 0.53 0.00	35.57 1.18 0.00	43.71 1.64 -0.01	34.27 0.97 -0.27	39.01 0.51 0.00	34.43 0.33 0.00	31.39 0.15 0.00	30.66 0.04 0.00	33.25 -0.31 0.00
LITTLRIV_115KV_TB1 356100	25.98 0.10 -5.72	32.42 0.12 -6.49	30.90 0.13 -5.35	25.48 0.17 0.00	26.51 0.30 0.00	29.85 0.36 0.00	44.53 0.48 0.00	37.72 0.34 0.00	29.04 0.42 0.00	28.73 0.72 0.00	26.94 0.68 0.00	36.08 1.12 0.00	38.80 1.20 0.00	41.89 1.42 0.00	40.65 1.33 0.00	39.21 0.97 0.00	34.56 0.17 0.00	41.88 -0.20 -0.01	33.59 0.28 -0.28	39.35 0.84 0.00	34.87 0.78 0.00	32.42 1.18 0.00	31.89 1.26 0.00	35.11 1.55 0.00
LI_NEWBRDGE____DRP 323616	20.03 1.00 1.14	27.26 1.46 0.01	26.75 1.34 0.01	26.68 1.38 0.01	27.56 1.36 0.01	31.18 1.69 0.00	47.16 3.11 0.00	40.56 3.19 0.00	30.55 1.93 0.00	29.49 1.47 0.00	28.02 1.75 -0.01	37.35 2.34 -0.05	44.26 2.44 -4.23	42.99 2.52 0.00	41.78 2.46 -0.01	40.60 2.36 0.00	37.01 2.62 0.00	45.76 3.24 -0.46	44.76 2.36 -9.36	40.70 2.20 0.00	36.07 1.97 0.00	33.95 1.91 -0.80	32.13 1.50 0.00	34.81 1.25 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.10 -1.07 0.00	24.30 -1.51 0.00	24.03 -1.38 0.00	23.80 -1.50 0.00	25.10 -1.11 0.00	28.54 -0.94 0.00	43.05 -1.00 0.00	35.78 -1.60 0.00	27.69 -0.92 0.00	27.06 -0.95 0.00	25.20 -1.06 0.00	33.44 -1.52 0.00	36.26 -1.34 0.00	38.92 -1.54 0.00	38.03 -1.29 0.00	36.85 -1.39 0.00	32.85 -1.53 0.00	40.30 -1.88 -0.12	33.50 -1.91 -2.38	36.38 -2.12 0.00	32.12 -1.98 0.00	29.41 -1.83 0.00	29.20 -1.42 0.00	32.32 -1.25 0.00

LOCKPORT___CC1 323769	19.06 -1.11 0.00	24.25 -1.56 0.00	23.99 -1.42 0.00	23.76 -1.54 0.00	25.06 -1.16 0.00	28.50 -0.99 0.00	34.92 -1.08 8.05	35.74 -1.64 0.00	24.84 -0.96 2.82	22.67 -0.98 4.37	24.04 -1.08 1.14	31.57 -1.56 1.83	34.03 -1.38 2.19	37.05 -1.59 1.83	33.48 -1.32 4.52	35.20 -1.39 1.65	32.60 -1.58 0.21	40.28 -1.90 -0.12	33.49 -1.93 -2.39	29.91 -2.12 6.47	29.38 -1.97 2.74	26.64 -1.81 2.79	28.73 -1.43 0.47	31.53 -1.27 0.76
LOCKPORT___CC2 323770	19.06 -1.11 0.00	24.25 -1.56 0.00	23.99 -1.42 0.00	23.76 -1.54 0.00	25.06 -1.16 0.00	28.50 -0.99 0.00	34.92 -1.08 8.05	35.74 -1.64 0.00	24.84 -0.96 2.82	22.67 -0.98 4.37	24.04 -1.08 1.14	31.57 -1.56 1.83	34.03 -1.38 2.19	37.05 -1.59 1.83	33.48 -1.32 4.52	35.20 -1.39 1.65	32.60 -1.58 0.21	40.28 -1.90 -0.12	33.49 -1.93 -2.39	29.91 -2.12 6.47	29.38 -1.97 2.74	26.64 -1.81 2.79	28.73 -1.43 0.47	31.53 -1.27 0.76
LOCKPORT___CC3 323771	19.06 -1.11 0.00	24.25 -1.56 0.00	23.99 -1.42 0.00	23.76 -1.54 0.00	25.06 -1.16 0.00	28.50 -0.99 0.00	34.92 -1.08 8.05	35.74 -1.64 0.00	24.84 -0.96 2.82	22.67 -0.98 4.37	24.04 -1.08 1.14	31.57 -1.56 1.83	34.03 -1.38 2.19	37.05 -1.59 1.83	33.48 -1.32 4.52	35.20 -1.39 1.65	32.60 -1.58 0.21	40.28 -1.90 -0.12	33.49 -1.93 -2.39	29.91 -2.12 6.47	29.38 -1.97 2.74	26.64 -1.81 2.79	28.73 -1.43 0.47	31.53 -1.27 0.76
LONG_LAKE_PHOENIX 24014	19.70 -0.46 0.00	25.20 -0.61 0.00	24.82 -0.60 0.00	24.69 -0.62 0.00	25.54 -0.68 0.00	28.79 -0.69 0.00	43.29 -0.76 0.00	36.73 -0.64 0.00	28.08 -0.53 0.00	27.40 -0.61 0.00	25.68 -0.58 0.00	34.09 -0.87 0.00	36.70 -0.90 0.00	39.49 -0.98 0.00	38.42 -0.90 0.00	37.41 -0.83 0.00	33.73 -0.65 0.00	41.42 -0.72 -0.08	34.04 -0.69 -1.70	37.55 -0.95 0.00	33.21 -0.89 0.00	30.33 -0.91 0.00	29.74 -0.89 0.00	32.70 -0.86 0.00
LOVETT___3 23632	20.80 0.64 0.00	26.67 0.86 0.00	26.31 0.90 0.00	26.28 0.98 0.00	27.16 0.94 0.00	30.68 1.19 0.00	46.34 2.28 0.00	39.77 2.40 0.00	30.13 1.52 0.00	29.21 1.19 0.00	27.52 1.26 0.00	36.55 1.58 0.00	39.22 1.63 0.00	42.10 1.64 0.00	40.84 1.53 0.00	39.93 1.70 0.00	36.46 2.07 0.00	45.26 2.76 -0.45	44.05 1.94 -9.08	40.14 1.64 0.00	35.48 1.38 0.00	32.37 1.13 0.00	31.56 0.93 0.00	34.35 0.78 0.00
LOVETT___4 23642	20.80 0.64 0.00	26.67 0.86 0.00	26.31 0.90 0.00	26.28 0.98 0.00	27.16 0.94 0.00	30.68 1.19 0.00	46.34 2.28 0.00	39.77 2.40 0.00	30.13 1.52 0.00	29.21 1.19 0.00	27.52 1.26 0.00	36.55 1.58 0.00	39.22 1.63 0.00	42.10 1.64 0.00	40.84 1.53 0.00	39.93 1.70 0.00	36.46 2.07 0.00	45.26 2.76 -0.45	44.05 1.94 -9.08	40.14 1.64 0.00	35.48 1.38 0.00	32.37 1.13 0.00	31.56 0.93 0.00	34.35 0.78 0.00
LOVETT___5 23593	20.80 0.64 0.00	26.67 0.86 0.00	26.31 0.90 0.00	26.28 0.98 0.00	27.16 0.94 0.00	30.68 1.19 0.00	46.34 2.28 0.00	39.77 2.40 0.00	30.13 1.52 0.00	29.21 1.19 0.00	27.52 1.26 0.00	36.55 1.58 0.00	39.22 1.63 0.00	42.10 1.64 0.00	40.84 1.53 0.00	39.93 1.70 0.00	36.46 2.07 0.00	45.26 2.76 -0.45	44.05 1.94 -9.08	40.14 1.64 0.00	35.48 1.38 0.00	32.37 1.13 0.00	31.56 0.93 0.00	34.35 0.78 0.00
LOWER_RAQUET___HYD 24057	26.16 -0.25 -6.24	32.54 -0.34 -7.07	30.94 -0.32 -5.84	25.05 -0.25 0.00	26.08 -0.13 0.00	29.37 -0.12 0.00	43.86 -0.20 0.00	37.16 -0.21 0.00	28.59 -0.02 0.00	28.30 0.28 0.00	26.55 0.29 0.00	35.52 0.56 0.00	38.23 0.64 0.00	41.24 0.78 0.00	40.05 0.73 0.00	38.62 0.39 0.00	33.97 -0.42 0.00	41.10 -0.98 -0.02	32.97 -0.36 -0.30	38.64 0.13 0.00	34.23 0.14 0.00	31.84 0.60 0.00	31.41 0.78 0.00	34.62 1.06 0.00
LOWER___HUDSON 24059	20.93 0.76 0.00	26.82 1.00 0.00	26.38 0.97 0.00	26.31 1.01 0.00	27.26 1.04 0.00	30.63 1.14 0.00	45.91 1.86 0.00	39.21 1.83 0.00	29.73 1.12 0.00	28.79 0.77 0.00	26.94 0.68 0.00	35.86 0.90 0.00	38.59 0.99 0.00	41.58 1.11 0.00	40.44 1.13 0.00	39.58 1.34 0.00	36.10 1.71 0.00	44.65 2.02 -0.56	45.86 1.40 -11.42	39.69 1.18 0.00	35.23 1.14 0.00	32.13 0.89 0.00	31.46 0.83 0.00	34.29 0.73 0.00
LOWVILLE_115KV_TB2 356335	21.20 -0.78 -1.82	26.97 -0.90 -2.06	26.30 -0.81 -1.70	24.56 -0.75 0.00	25.49 -0.73 0.00	28.63 -0.86 0.00	43.35 -0.70 0.00	37.40 0.03 0.00	28.61 0.00 0.00	28.38 0.37 0.00	26.84 0.58 0.00	35.61 0.64 0.00	38.43 0.83 0.00	41.33 0.87 0.00	40.04 0.72 0.00	38.59 0.35 0.00	34.57 0.18 0.00	42.51 0.41 -0.04	34.25 0.48 -0.73	38.97 0.46 0.00	34.40 0.31 0.00	31.62 0.38 0.00	31.16 0.53 0.00	34.16 0.60 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.03 0.87 0.00	26.94 1.13 0.00	26.49 1.08 0.00	26.43 1.12 0.00	27.39 1.17 0.00	30.86 1.37 0.00	46.35 2.29 0.00	39.56 2.18 0.00	29.99 1.38 0.00	29.06 1.04 0.00	27.20 0.94 0.00	36.25 1.28 0.00	39.04 1.44 0.00	42.07 1.61 0.00	40.92 1.60 0.00	39.99 1.76 0.00	36.50 2.11 0.00	45.17 2.54 -0.57	46.44 1.79 -11.62	40.34 1.84 0.00	35.78 1.69 0.00	32.65 1.41 0.00	31.94 1.31 0.00	34.84 1.28 0.00
LUTHERNY_35_KV_BK2 355980	21.05 0.88 0.00	26.97 1.16 0.00	26.52 1.11 0.00	26.44 1.13 0.00	27.41 1.20 0.00	30.88 1.40 0.00	46.41 2.35 0.00	39.60 2.22 0.00	29.99 1.38 0.00	29.07 1.05 0.00	27.22 0.96 0.00	36.27 1.31 0.00	39.06 1.47 0.00	42.11 1.64 0.00	40.92 1.60 0.00	40.00 1.76 0.00	36.52 2.13 0.00	45.20 2.57 -0.57	46.46 1.81 -11.62	40.39 1.89 0.00	35.81 1.71 0.00	32.66 1.42 0.00	31.94 1.31 0.00	34.87 1.30 0.00
LWR___OSWEGATCHIE_HYD 23850	23.71 -0.71 -4.25	29.74 -0.89 -4.82	28.57 -0.82 -3.98	24.56 -0.74 0.00	25.52 -0.70 0.00	28.72 -0.77 0.00	43.18 -0.87 0.00	36.93 -0.45 0.00	28.32 -0.29 0.00	28.06 0.05 0.00	26.45 0.19 0.00	35.25 0.29 0.00	37.97 0.38 0.00	40.89 0.42 0.00	39.67 0.36 0.00	38.24 0.00 0.00	33.94 -0.45 0.00	41.40 -0.69 -0.03	33.32 -0.26 -0.55	38.42 -0.08 0.00	33.98 -0.12 0.00	31.41 0.17 0.00	30.98 0.35 0.00	34.07 0.51 0.00
LYONS_FALL_HYD 23570	21.05 -0.34 -1.23	26.85 -0.36 -1.39	26.26 -0.30 -1.15	25.03 -0.27 0.00	25.96 -0.26 0.00	29.21 -0.28 0.00	44.11 0.06 0.00	37.84 0.47 0.00	28.95 0.34 0.00	28.57 0.55 0.00	26.93 0.67 0.00	35.66 0.70 0.00	38.53 0.93 0.00	41.46 0.99 0.00	40.22 0.90 0.00	38.91 0.67 0.00	34.95 0.56 0.00	42.91 0.81 -0.03	34.41 0.69 -0.69	39.20 0.70 0.00	34.63 0.54 0.00	31.76 0.52 0.00	31.21 0.58 0.00	34.19 0.62 0.00
MADISON___COUNTY_LFGE 323628	20.47 0.31 0.00	26.25 0.44 0.00	25.86 0.44 0.00	25.74 0.43 0.00	26.68 0.46 0.00	30.11 0.62 0.00	45.37 1.32 0.00	38.61 1.23 0.00	29.54 0.93 0.00	28.92 0.90 0.00	27.14 0.88 0.00	35.95 0.98 0.00	38.81 1.21 0.00	41.80 1.33 0.00	40.65 1.33 0.00	39.55 1.32 0.00	35.66 1.27 0.00	43.65 1.53 -0.05	35.21 1.08 -1.11	39.61 1.10 0.00	35.00 0.91 0.00	31.97 0.73 0.00	31.28 0.65 0.00	34.22 0.66 0.00

MALONE___115KV_TB1 356076	47.60 -0.26 -27.70	56.80 -0.40 -31.39	50.94 -0.40 -25.92	25.11 -0.19 0.00	26.40 0.19 0.00	29.99 0.50 0.00	44.51 0.46 0.00	37.65 0.27 0.00	28.90 0.29 0.00	28.60 0.59 0.00	26.89 0.64 0.00	36.06 1.10 0.00	38.95 1.35 0.00	42.07 1.61 0.00	41.04 1.72 0.00	39.47 1.23 0.00	35.10 0.71 0.00	42.62 0.55 -0.01	34.09 0.88 -0.17	40.06 1.56 0.00	35.73 1.64 0.00	32.97 1.73 0.00	32.45 1.82 0.00	35.53 1.97 0.00
MAPLEWOD_115KV_TB3 80458	20.83 0.67 0.00	26.71 0.89 0.00	26.30 0.89 0.00	26.24 0.93 0.00	27.16 0.95 0.00	30.47 0.99 0.00	45.72 1.66 0.00	39.03 1.65 0.00	29.63 1.02 0.00	28.73 0.71 0.00	26.90 0.64 0.00	35.77 0.81 0.00	38.49 0.89 0.00	41.44 0.98 0.00	40.32 1.00 0.00	39.45 1.21 0.00	35.96 1.57 0.00	44.51 1.89 -0.56	45.70 1.30 -11.37	39.53 1.02 0.00	35.04 0.95 0.00	31.97 0.73 0.00	31.27 0.64 0.00	34.07 0.50 0.00
MAPLE_RIDGE_WT_1 323574	19.66 -0.51 0.00	25.22 -0.59 0.00	24.90 -0.52 0.00	24.74 -0.57 0.00	25.64 -0.57 0.00	28.81 -0.68 0.00	43.01 -1.04 0.00	36.49 -0.89 0.00	28.02 -0.59 0.00	27.81 -0.21 0.00	26.12 -0.14 0.00	34.88 -0.08 0.00	37.53 -0.07 0.00	40.26 -0.21 0.00	38.98 -0.34 0.00	37.81 -0.43 0.00	33.93 -0.46 0.00	41.57 -0.49 0.00	32.69 -0.34 0.00	38.18 -0.32 0.00	33.95 -0.14 0.00	31.36 0.12 0.00	30.79 0.15 0.00	33.68 0.11 0.00
MAPLE_RIDGE_WT_2 323611	19.66 -0.51 0.00	25.22 -0.59 0.00	24.90 -0.52 0.00	24.74 -0.57 0.00	25.64 -0.57 0.00	28.81 -0.68 0.00	43.01 -1.04 0.00	36.49 -0.89 0.00	28.02 -0.59 0.00	27.81 -0.21 0.00	26.12 -0.14 0.00	34.88 -0.08 0.00	37.53 -0.07 0.00	40.26 -0.21 0.00	38.98 -0.34 0.00	37.81 -0.43 0.00	33.93 -0.46 0.00	41.57 -0.49 0.00	32.69 -0.34 0.00	38.18 -0.32 0.00	33.95 -0.14 0.00	31.36 0.12 0.00	30.79 0.15 0.00	33.68 0.11 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -0.56 40.60	-21.00 -0.80 46.01	-13.37 -0.80 37.99	24.75 -0.55 0.00	26.13 -0.08 0.00	29.75 0.27 0.00	44.01 -0.05 0.00	37.15 -0.23 0.00	28.45 -0.16 0.00	28.12 0.11 0.00	26.49 0.23 0.00	35.56 0.60 0.00	38.46 0.86 0.00	41.59 1.12 0.00	40.65 1.33 0.00	39.02 0.78 0.00	34.85 0.46 0.00	42.28 0.22 0.00	33.67 0.64 0.00	39.74 1.24 0.00	35.54 1.44 0.00	32.77 1.53 0.00	32.28 1.65 0.00	35.32 1.76 0.00
MARSHVLE_115KV_TB1 80742	21.17 1.01 0.00	27.08 1.26 0.00	26.64 1.23 0.00	26.48 1.18 0.00	27.53 1.32 0.00	31.22 1.74 0.00	46.93 2.88 0.00	39.76 2.38 0.00	30.52 1.91 0.00	29.98 1.97 0.00	27.97 1.71 0.00	37.17 2.21 0.00	40.26 2.66 0.00	43.26 2.80 0.00	42.09 2.78 0.00	40.89 2.65 0.00	36.65 2.26 0.00	45.63 2.88 -0.68	49.22 2.29 -13.90	41.20 2.70 0.00	36.41 2.31 0.00	33.47 2.23 0.00	32.73 2.09 0.00	35.93 2.37 0.00
MARSH_HILL_WT_PWR 323713	18.29 -1.88 0.00	23.46 -2.35 0.00	23.28 -2.13 0.00	23.39 -1.91 0.00	24.64 -1.57 0.00	28.28 -1.20 0.00	45.61 -0.66 -2.22	36.79 -0.59 0.00	28.62 -0.76 -0.78	28.51 -0.71 -1.20	25.85 -0.72 -0.31	34.35 -1.11 -0.50	37.50 -0.69 -0.60	40.99 0.02 -0.50	41.00 0.44 -1.24	39.04 0.35 -0.45	34.18 -0.27 -0.06	41.70 -0.50 -0.14	35.33 -0.64 -2.94	39.35 -0.88 -1.73	33.97 -0.86 -0.73	30.88 -1.11 -0.74	29.95 -0.81 -0.12	32.92 -0.84 -0.20
MCINTYRE_115KV_TB2 80467	25.41 0.35 -4.89	31.79 0.44 -5.54	30.43 0.44 -4.57	25.78 0.47 0.00	26.80 0.59 0.00	30.16 0.68 0.00	44.91 0.85 0.00	37.98 0.60 0.00	29.25 0.64 0.00	28.93 0.91 0.00	27.10 0.84 0.00	36.31 1.34 0.00	39.03 1.44 0.00	42.13 1.66 0.00	40.87 1.55 0.00	39.47 1.23 0.00	34.86 0.47 0.00	42.32 0.24 -0.01	33.92 0.64 -0.26	39.78 1.27 0.00	35.26 1.17 0.00	32.75 1.51 0.00	32.18 1.55 0.00	35.37 1.80 0.00
MECO___69_KV_BK1 80468	22.07 1.91 0.00	28.29 2.48 0.00	27.82 2.41 0.00	27.70 2.39 0.00	28.78 2.57 0.00	32.73 3.25 0.00	49.58 5.52 0.00	42.14 4.76 0.00	32.07 3.46 0.00	30.72 2.70 0.00	28.59 2.33 0.00	37.99 3.02 0.00	41.59 4.00 0.00	44.95 4.49 0.00	43.85 4.53 0.00	42.91 4.67 0.00	38.81 4.42 0.00	48.23 5.52 -0.65	50.41 4.18 -13.19	43.21 4.70 0.00	38.16 4.06 0.00	34.87 3.63 0.00	33.94 3.31 0.00	37.05 3.49 0.00
MENANDS___115KV_TB5 355628	20.74 0.58 0.00	26.60 0.79 0.00	26.19 0.78 0.00	26.14 0.83 0.00	27.06 0.84 0.00	30.33 0.84 0.00	45.46 1.41 0.00	38.81 1.43 0.00	29.46 0.85 0.00	28.56 0.54 0.00	26.75 0.49 0.00	35.58 0.62 0.00	38.26 0.67 0.00	41.19 0.73 0.00	40.08 0.76 0.00	39.21 0.97 0.00	35.74 1.35 0.00	44.24 1.62 -0.56	45.47 1.09 -11.35	39.26 0.76 0.00	34.82 0.73 0.00	31.77 0.53 0.00	31.08 0.45 0.00	33.86 0.30 0.00
MG INDUSTRY___DRP 24185	20.82 0.66 0.00	26.71 0.90 0.00	26.30 0.89 0.00	26.23 0.93 0.00	27.16 0.94 0.00	30.47 0.98 0.00	45.66 1.61 0.00	38.92 1.55 0.00	29.57 0.96 0.00	28.68 0.66 0.00	26.85 0.60 0.00	35.74 0.77 0.00	38.43 0.84 0.00	41.39 0.92 0.00	40.25 0.94 0.00	39.38 1.14 0.00	35.84 1.45 0.00	44.34 1.74 -0.55	45.36 1.20 -11.13	39.47 0.96 0.00	34.97 0.88 0.00	31.92 0.68 0.00	31.24 0.60 0.00	34.10 0.53 0.00
MID___OSWEGATCHIE_HYD 23849	23.71 -0.71 -4.25	29.74 -0.89 -4.82	28.57 -0.82 -3.98	24.56 -0.74 0.00	25.52 -0.70 0.00	28.72 -0.77 0.00	43.18 -0.87 0.00	36.93 -0.45 0.00	28.32 -0.29 0.00	28.06 0.05 0.00	26.45 0.19 0.00	35.25 0.29 0.00	37.97 0.38 0.00	40.89 0.42 0.00	39.67 0.36 0.00	38.24 0.00 0.00	33.94 -0.45 0.00	41.40 -0.69 -0.03	33.32 -0.26 -0.55	38.42 -0.08 0.00	33.98 -0.12 0.00	31.41 0.17 0.00	30.98 0.35 0.00	34.07 0.51 0.00
MID___RAQUETTE_HYD 23851	26.16 -0.25 -6.24	32.54 -0.34 -7.07	30.94 -0.32 -5.84	25.05 -0.25 0.00	26.08 -0.13 0.00	29.37 -0.12 0.00	43.86 -0.20 0.00	37.16 -0.21 0.00	28.59 -0.02 0.00	28.30 0.28 0.00	26.55 0.29 0.00	35.53 0.56 0.00	38.23 0.64 0.00	41.24 0.78 0.00	40.05 0.73 0.00	38.62 0.39 0.00	33.97 -0.42 0.00	41.09 -0.98 -0.02	32.97 -0.35 -0.30	38.64 0.13 0.00	34.23 0.13 0.00	31.84 0.60 0.00	31.41 0.78 0.00	34.61 1.05 0.00
MILLIKEN___1 23584	20.29 0.13 0.00	25.97 0.16 0.00	25.58 0.16 0.00	25.45 0.14 0.00	26.38 0.16 0.00	29.86 0.38 0.00	45.12 1.07 0.00	38.36 0.98 0.00	29.33 0.72 0.00	28.62 0.61 0.00	26.85 0.59 0.00	35.63 0.67 0.00	38.34 0.75 0.00	41.35 0.88 0.00	40.31 0.99 0.00	39.23 1.00 0.00	35.36 0.97 0.00	43.51 1.31 -0.14	36.73 0.84 -2.85	39.23 0.72 0.00	34.68 0.58 0.00	31.63 0.39 0.00	30.89 0.26 0.00	33.85 0.28 0.00
MILLIKEN___2 23585	20.29 0.13 0.00	25.97 0.16 0.00	25.58 0.16 0.00	25.45 0.14 0.00	26.38 0.16 0.00	29.86 0.38 0.00	45.12 1.07 0.00	38.36 0.98 0.00	29.33 0.72 0.00	28.62 0.61 0.00	26.85 0.59 0.00	35.63 0.67 0.00	38.34 0.75 0.00	41.35 0.88 0.00	40.31 0.99 0.00	39.23 1.00 0.00	35.36 0.97 0.00	43.51 1.31 -0.14	36.73 0.84 -2.85	39.23 0.72 0.00	34.68 0.58 0.00	31.63 0.39 0.00	30.89 0.26 0.00	33.85 0.28 0.00

MILLIKEN___DIESEL 23629	20.29 0.13 0.00	25.97 0.16 0.00	25.58 0.16 0.00	25.45 0.14 0.00	26.38 0.16 0.00	29.86 0.38 0.00	45.12 1.07 0.00	38.36 0.98 0.00	29.33 0.72 0.00	28.62 0.61 0.00	26.85 0.59 0.00	35.63 0.67 0.00	38.34 0.75 0.00	41.35 0.88 0.00	40.31 0.99 0.00	39.23 1.00 0.00	35.36 0.97 0.00	43.51 1.31 -0.14	36.73 0.84 -2.85	39.23 0.72 0.00	34.68 0.58 0.00	31.63 0.39 0.00	30.89 0.26 0.00	33.85 0.28 0.00
MILLSEAT___LFGE 323607	19.48 -0.68 0.00	24.79 -1.02 0.00	24.51 -0.90 0.00	24.28 -1.02 0.00	25.56 -0.65 0.00	29.08 -0.40 0.00	36.66 -0.10 7.30	36.68 -0.69 0.00	25.81 -0.25 2.55	23.77 -0.29 3.96	24.82 -0.41 1.03	32.62 -0.69 1.66	35.19 -0.43 1.98	38.24 -0.57 1.66	34.86 -0.36 4.09	36.30 -0.45 1.49	33.53 -0.66 0.19	41.38 -0.79 -0.11	34.31 -1.05 -2.33	31.48 -1.16 5.87	30.47 -1.14 2.48	27.62 -1.09 2.53	29.40 -0.81 0.42	32.22 -0.65 0.69
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.93 0.76 0.00	26.82 1.01 0.00	26.42 1.01 0.00	26.37 1.07 0.00	27.25 1.03 0.00	30.79 1.31 0.00	46.50 2.45 0.00	39.91 2.54 0.00	30.23 1.62 0.00	29.30 1.28 0.00	27.60 1.35 0.00	36.66 1.70 0.00	39.34 1.74 0.00	42.23 1.76 0.00	40.97 1.65 0.00	40.06 1.82 0.00	36.59 2.20 0.00	45.41 2.89 -0.46	44.41 2.06 -9.31	40.28 1.77 0.00	35.61 1.51 0.00	32.49 1.25 0.00	31.67 1.04 0.00	34.44 0.88 0.00
MILLWOOD_13_KV_LOAD 356217	20.97 0.81 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.43 1.12 0.00	27.31 1.10 0.00	30.86 1.38 0.00	46.61 2.56 0.00	40.03 2.65 0.00	30.31 1.70 0.00	29.39 1.37 0.00	27.68 1.42 0.00	36.76 1.80 0.00	39.46 1.86 0.00	42.35 1.88 0.00	41.09 1.77 0.00	40.18 1.94 0.00	36.70 2.31 0.00	45.55 3.04 -0.46	44.52 2.17 -9.31	40.40 1.90 0.00	35.70 1.61 0.00	32.58 1.34 0.00	31.76 1.13 0.00	34.53 0.97 0.00
MODEL_CITY_ENERGY 24167	18.93 -1.24 0.00	24.08 -1.73 0.00	23.83 -1.59 0.00	23.59 -1.71 0.00	24.88 -1.33 0.00	28.29 -1.20 0.00	34.04 -1.45 8.56	35.36 -2.01 0.00	24.38 -1.24 2.99	22.11 -1.26 4.64	23.70 -1.35 1.21	31.09 -1.93 1.94	33.48 -1.79 2.32	36.48 -2.04 1.94	32.75 -1.78 4.79	34.66 -1.84 1.74	32.18 -1.98 0.23	39.74 -2.44 -0.12	33.09 -2.34 -2.40	29.03 -2.62 6.86	28.77 -2.43 2.90	26.07 -2.21 2.96	28.36 -1.77 0.49	31.17 -1.59 0.81
MODERN_LFGE___ 323580	18.93 -1.24 0.00	24.08 -1.73 0.00	23.83 -1.59 0.00	23.59 -1.71 0.00	24.88 -1.33 0.00	28.29 -1.20 0.00	34.04 -1.45 8.56	35.36 -2.01 0.00	24.38 -1.24 2.99	22.11 -1.26 4.64	23.70 -1.35 1.21	31.09 -1.93 1.94	33.48 -1.79 2.32	36.48 -2.04 1.94	32.75 -1.78 4.79	34.66 -1.84 1.74	32.18 -1.98 0.23	39.74 -2.44 -0.12	33.09 -2.34 -2.40	29.03 -2.62 6.86	28.77 -2.43 2.90	26.07 -2.21 2.96	28.36 -1.77 0.49	31.17 -1.59 0.81
MOHAWK_PAPER___DRP 24187	20.83 0.67 0.00	26.71 0.89 0.00	26.30 0.89 0.00	26.24 0.93 0.00	27.16 0.95 0.00	30.47 0.99 0.00	45.72 1.66 0.00	39.03 1.65 0.00	29.63 1.02 0.00	28.73 0.71 0.00	26.90 0.64 0.00	35.77 0.81 0.00	38.49 0.89 0.00	41.44 0.98 0.00	40.32 1.00 0.00	39.45 1.21 0.00	35.96 1.57 0.00	44.51 1.89 -0.56	45.70 1.30 -11.37	39.53 1.02 0.00	35.04 0.95 0.00	31.97 0.73 0.00	31.27 0.64 0.00	34.07 0.50 0.00
MOHICAN___35_KV_115KV_LD 80490	20.86 0.69 0.00	26.70 0.88 0.00	26.26 0.85 0.00	26.20 0.89 0.00	27.17 0.96 0.00	30.70 1.21 0.00	46.08 2.03 0.00	39.37 2.00 0.00	29.86 1.25 0.00	28.85 0.83 0.00	26.98 0.72 0.00	36.04 1.08 0.00	38.85 1.25 0.00	41.90 1.44 0.00	40.74 1.42 0.00	39.82 1.58 0.00	36.48 2.09 0.00	45.15 2.52 -0.57	46.37 1.71 -11.63	40.49 1.99 0.00	36.01 1.91 0.00	32.88 1.63 0.00	32.17 1.54 0.00	35.06 1.50 0.00
MONGAUP___HYD 23641	21.01 0.84 0.00	26.90 1.09 0.00	26.49 1.07 0.00	26.43 1.12 0.00	27.32 1.11 0.00	30.88 1.39 0.00	46.54 2.49 0.00	39.87 2.49 0.00	30.18 1.57 0.00	29.24 1.22 0.00	27.50 1.24 0.00	36.59 1.63 0.00	39.33 1.74 0.00	42.44 1.97 0.00	41.25 1.93 0.00	40.12 1.89 0.00	36.59 2.20 0.00	45.41 2.92 -0.43	43.80 2.12 -8.65	40.60 2.10 0.00	35.74 1.65 0.00	32.68 1.44 0.00	31.84 1.21 0.00	34.65 1.09 0.00
MONTAUK___DIESEL 23721	21.52 2.01 0.65	28.62 2.82 0.00	28.11 2.70 0.00	28.05 2.75 0.00	28.96 2.75 0.00	32.91 3.42 0.00	50.00 5.95 0.00	43.03 5.65 0.00	32.25 3.64 0.00	30.94 2.92 0.00	29.35 3.09 -0.01	39.34 4.33 -0.05	46.80 4.65 -4.55	45.52 5.05 0.00	44.39 5.07 -0.01	43.12 4.88 0.00	39.31 4.91 0.00	48.51 5.99 -0.46	46.87 4.47 -9.36	43.12 4.61 0.00	38.19 4.10 0.00	36.04 3.94 -0.86	33.92 3.29 0.00	36.60 3.04 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.11 -1.05 0.00	24.43 -1.38 0.00	24.27 -1.15 0.00	24.07 -1.23 0.00	25.45 -0.77 0.00	29.31 -0.17 0.00	44.51 0.45 0.00	37.25 -0.12 0.00	28.64 0.03 0.00	27.86 -0.16 0.00	25.97 -0.29 0.00	34.65 -0.31 0.00	38.16 0.56 0.00	41.24 0.77 0.00	40.18 0.86 0.00	38.94 0.70 0.00	34.15 -0.24 0.00	42.61 0.42 -0.13	35.38 -0.23 -2.58	38.19 -0.31 0.00	33.90 -0.20 0.00	30.90 -0.34 0.00	30.46 -0.17 0.00	33.47 -0.09 0.00
MORTIMER_115KV_TB3 55949	19.51 -0.66 0.00	24.88 -0.93 0.00	24.55 -0.87 0.00	24.35 -0.96 0.00	25.46 -0.75 0.00	28.86 -0.63 0.00	43.54 -0.52 0.00	36.62 -0.75 0.00	28.17 -0.44 0.00	27.53 -0.49 0.00	25.73 -0.53 0.00	34.18 -0.78 0.00	36.94 -0.66 0.00	39.69 -0.78 0.00	38.68 -0.64 0.00	37.56 -0.68 0.00	33.70 -0.69 0.00	41.39 -0.78 -0.11	34.28 -0.91 -2.16	37.40 -1.11 0.00	33.04 -1.05 0.00	30.21 -1.04 0.00	29.74 -0.89 0.00	32.74 -0.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.01 0.85 0.00	26.91 1.10 0.00	26.51 1.09 0.00	26.45 1.15 0.00	27.33 1.11 0.00	30.90 1.41 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.48 1.46 0.00	27.80 1.54 0.00	36.90 1.94 0.00	39.60 2.00 0.00	42.46 2.00 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.83 2.44 0.00	45.69 3.16 -0.46	44.69 2.30 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
MUNSVILLE_WIND_PWR 323609	20.79 0.62 0.00	26.70 0.89 0.00	26.29 0.87 0.00	26.15 0.84 0.00	27.26 1.05 0.00	31.08 1.60 0.00	50.08 3.34 -2.69	40.43 3.05 0.00	31.97 2.42 -0.94	32.02 2.55 -1.46	29.06 2.42 -0.38	38.64 3.06 -0.61	41.32 3.00 -0.73	44.65 3.57 -0.61	44.68 3.85 -1.51	42.56 3.77 -0.55	37.75 3.29 -0.07	46.71 4.46 -0.19	40.18 3.29 -3.85	44.12 3.52 -2.10	37.79 2.81 -0.89	34.30 2.15 -0.90	32.68 1.90 -0.15	35.80 1.99 -0.25
N SALMON___HYD 24042	47.60 -0.26 -27.70	56.80 -0.40 -31.39	50.94 -0.39 -25.92	25.11 -0.19 0.00	26.40 0.19 0.00	29.99 0.50 0.00	44.51 0.46 0.00	37.65 0.27 0.00	28.90 0.29 0.00	28.60 0.59 0.00	26.89 0.63 0.00	36.06 1.10 0.00	38.95 1.35 0.00	42.07 1.61 0.00	41.04 1.72 0.00	39.47 1.23 0.00	35.10 0.71 0.00	42.62 0.55 -0.01	34.09 0.88 -0.17	40.06 1.56 0.00	35.73 1.64 0.00	32.97 1.73 0.00	32.45 1.82 0.00	35.53 1.97 0.00

N.AKRON__115KV_KNAPP 355671	19.38 -0.78 0.00	24.67 -1.15 0.00	24.39 -1.03 0.00	24.16 -1.14 0.00	25.45 -0.76 0.00	28.96 -0.53 0.00	43.73 -0.33 0.00	36.44 -0.93 0.00	28.19 -0.42 0.00	27.55 -0.46 0.00	25.68 -0.58 0.00	34.05 -0.91 0.00	36.93 -0.67 0.00	39.65 -0.82 0.00	38.70 -0.61 0.00	37.54 -0.70 0.00	33.50 -0.89 0.00	41.09 -1.09 -0.12	34.09 -1.29 -2.35	37.06 -1.44 0.00	32.71 -1.39 0.00	29.93 -1.31 0.00	29.66 -0.97 0.00	32.77 -0.80 0.00
N.BELMOR_69_KV_BK1 55787	23.58 1.13 -2.28	27.42 1.60 -0.01	26.91 1.48 -0.01	26.84 1.53 -0.01	27.73 1.50 -0.01	31.38 1.89 0.00	47.46 3.41 0.00	40.82 3.44 0.00	30.75 2.14 0.00	29.66 1.65 0.00	28.20 1.92 -0.01	37.61 2.58 -0.06	46.58 2.68 -6.30	43.17 2.70 0.00	41.96 2.63 -0.01	40.80 2.57 0.00	37.14 2.76 0.00	45.94 3.42 -0.46	44.92 2.52 -9.36	40.87 2.36 0.00	36.28 2.19 0.00	34.50 2.12 -1.14	32.35 1.72 0.00	35.04 1.48 0.00
N.E_GEN_SANDY PD 24062	25.37 0.82 -4.38	28.23 1.08 -1.34	26.46 1.05 0.00	26.39 1.09 0.00	28.20 1.11 -0.87	30.93 1.26 -0.18	44.74 2.09 1.41	39.89 2.12 -0.39	29.94 1.30 -0.03	28.66 0.94 0.30	27.12 0.87 0.01	35.93 1.09 0.12	38.71 1.12 0.00	41.70 1.23 0.00	40.52 1.21 0.00	39.93 1.44 -0.26	35.35 1.85 0.89	44.41 2.29 -0.06	45.05 1.60 -10.42	38.35 1.25 1.41	37.22 1.16 -1.97	32.06 0.89 0.06	31.42 0.79 0.00	34.23 0.66 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.84 0.68 0.00	26.72 0.90 0.00	26.35 0.94 0.00	26.32 1.02 0.00	27.19 0.98 0.00	30.73 1.25 0.00	46.42 2.37 0.00	39.84 2.47 0.00	30.18 1.57 0.00	29.25 1.23 0.00	27.57 1.31 0.00	36.62 1.65 0.00	39.30 1.70 0.00	42.19 1.72 0.00	40.93 1.61 0.00	40.01 1.77 0.00	36.53 2.14 0.00	45.35 2.84 -0.45	44.10 2.01 -9.07	40.22 1.72 0.00	35.54 1.45 0.00	32.43 1.18 0.00	31.61 0.98 0.00	34.40 0.84 0.00
N.QUEENS_27_KV_LOAD 356247	21.02 0.86 0.00	26.91 1.10 0.00	26.53 1.12 0.00	26.47 1.17 0.00	27.34 1.12 0.00	30.87 1.38 0.00	46.67 2.61 0.00	40.19 2.82 0.00	30.44 1.83 0.00	29.51 1.49 0.00	27.83 1.57 0.00	36.87 1.91 0.00	39.60 2.00 0.00	42.40 1.93 0.00	41.11 1.79 0.00	40.24 2.00 0.00	36.78 2.39 0.00	45.61 3.09 -0.46	44.60 2.20 -9.36	40.44 1.93 0.00	35.74 1.65 0.00	32.65 1.42 0.00	31.81 1.18 0.00	34.46 0.90 0.00
N.TROY___115KV_TB1 355778	20.93 0.76 0.00	26.82 1.00 0.00	26.38 0.97 0.00	26.31 1.01 0.00	27.25 1.04 0.00	30.63 1.14 0.00	45.91 1.86 0.00	39.21 1.83 0.00	29.73 1.12 0.00	28.79 0.77 0.00	26.95 0.69 0.00	35.86 0.90 0.00	38.59 0.99 0.00	41.58 1.11 0.00	40.45 1.13 0.00	39.59 1.35 0.00	36.10 1.71 0.00	44.65 2.02 -0.56	45.85 1.40 -11.42	39.69 1.18 0.00	35.23 1.13 0.00	32.14 0.90 0.00	31.47 0.84 0.00	34.29 0.73 0.00
NARROWS_GT1_1 24228	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT1_2 24229	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT1_3 24230	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT1_4 24231	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT1_5 24232	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT1_6 24233	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT1_7 24234	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT1_8 24235	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT2_1 24236	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00

NARROWS_GT2_2 24237	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT2_3 24238	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT2_4 24239	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT2_5 24240	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT2_6 24241	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT2_7 24242	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NARROWS_GT2_8 24243	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.19 1.03 0.00	27.25 1.44 0.00	26.84 1.43 0.00	26.79 1.48 0.00	27.75 1.53 0.00	31.13 1.64 0.00	46.72 2.67 0.00	39.86 2.48 0.00	30.24 1.63 0.00	29.15 1.13 0.00	27.26 1.00 0.00	36.34 1.38 0.00	39.13 1.54 0.00	42.22 1.76 0.00	41.19 1.88 0.00	40.40 2.17 0.00	36.83 2.44 0.00	45.51 2.92 -0.53	45.88 2.06 -10.79	40.45 1.95 0.00	35.82 1.73 0.00	32.64 1.40 0.00	31.90 1.27 0.00	34.75 1.19 0.00
NCHELSEA_115KV_TR2 355582	21.13 0.96 0.00	27.06 1.25 0.00	26.65 1.24 0.00	26.59 1.28 0.00	27.49 1.28 0.00	31.07 1.58 0.00	46.90 2.85 0.00	40.23 2.85 0.00	30.49 1.87 0.00	29.57 1.55 0.00	27.81 1.55 0.00	36.94 1.97 0.00	39.62 2.03 0.00	42.55 2.08 0.00	41.30 1.98 0.00	40.37 2.14 0.00	36.87 2.48 0.00	45.78 3.25 -0.46	44.81 2.35 -9.43	40.66 2.15 0.00	35.94 1.84 0.00	32.77 1.53 0.00	31.93 1.30 0.00	34.74 1.18 0.00
NEG CAPITAL___MECHNVIL 23645	21.05 0.89 0.00	26.96 1.14 0.00	26.52 1.10 0.00	26.44 1.13 0.00	27.41 1.19 0.00	30.87 1.39 0.00	46.36 2.31 0.00	39.58 2.21 0.00	30.02 1.41 0.00	29.08 1.07 0.00	27.22 0.96 0.00	36.26 1.30 0.00	39.06 1.46 0.00	42.10 1.63 0.00	40.95 1.63 0.00	40.04 1.80 0.00	36.56 2.16 0.00	45.21 2.59 -0.57	46.43 1.84 -11.55	40.32 1.81 0.00	35.77 1.68 0.00	32.63 1.40 0.00	31.91 1.28 0.00	34.80 1.23 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.23 -0.93 0.00	24.54 -1.27 0.00	24.20 -1.21 0.00	24.03 -1.27 0.00	25.07 -1.15 0.00	28.38 -1.11 0.00	39.63 -1.23 3.19	36.11 -1.27 0.00	26.62 -0.87 1.12	25.37 -0.92 1.73	24.89 -0.92 0.45	32.95 -1.29 0.73	35.47 -1.26 0.87	38.34 -1.40 0.73	36.27 -1.25 1.79	36.34 -1.24 0.65	33.17 -1.14 0.08	40.82 -1.35 -0.10	33.84 -1.31 -2.12	34.31 -1.61 2.59	31.51 -1.49 1.09	28.67 -1.45 1.12	29.07 -1.37 0.19	31.86 -1.39 0.30
NEG CENTRAL___DRP 24199	19.81 -0.35 0.00	25.33 -0.48 0.00	24.97 -0.44 0.00	24.84 -0.46 0.00	25.83 -0.39 0.00	29.27 -0.22 0.00	44.15 0.10 0.00	37.51 0.14 0.00	28.68 0.07 0.00	28.00 -0.01 0.00	26.25 -0.01 0.00	34.82 -0.14 0.00	37.49 -0.10 0.00	40.41 -0.06 0.00	39.39 0.08 0.00	38.35 0.11 0.00	34.54 0.15 0.00	42.40 0.23 -0.11	35.24 0.00 -2.20	38.26 -0.25 0.00	33.86 -0.24 0.00	30.88 -0.36 0.00	30.26 -0.37 0.00	33.17 -0.39 0.00
NEG CENTRAL___INDECK 23768	19.68 -0.48 0.00	25.13 -0.69 0.00	24.84 -0.57 0.00	24.73 -0.58 0.00	25.90 -0.31 0.00	29.54 0.05 0.00	45.00 0.95 0.00	38.06 0.69 0.00	29.09 0.48 0.00	28.45 0.43 0.00	26.61 0.35 0.00	35.27 0.31 0.00	38.22 0.62 0.00	41.33 0.86 0.00	40.37 1.05 0.00	39.29 1.05 0.00	35.16 0.78 0.00	43.19 1.00 -0.13	36.13 0.47 -2.62	38.99 0.49 0.00	34.40 0.31 0.00	31.35 0.11 0.00	30.83 0.20 0.00	33.85 0.28 0.00
NEG CENTRAL___SENECA 23627	19.76 -0.40 0.00	25.26 -0.55 0.00	24.92 -0.50 0.00	24.80 -0.51 0.00	25.84 -0.37 0.00	29.33 -0.15 0.00	44.29 0.23 0.00	37.66 0.28 0.00	28.79 0.18 0.00	28.10 0.08 0.00	26.33 0.07 0.00	34.93 -0.04 0.00	37.61 0.02 0.00	40.57 0.11 0.00	39.59 0.27 0.00	38.55 0.31 0.00	34.67 0.28 0.00	42.52 0.34 -0.11	35.48 0.11 -2.34	38.38 -0.13 0.00	33.97 -0.12 0.00	30.94 -0.30 0.00	30.37 -0.27 0.00	33.26 -0.30 0.00
NEG CENTRAL___STATE_STREET 24147	20.01 -0.15 0.00	25.61 -0.20 0.00	25.23 -0.19 0.00	25.09 -0.21 0.00	26.01 -0.20 0.00	29.40 -0.08 0.00	44.32 0.27 0.00	37.61 0.24 0.00	28.84 0.22 0.00	28.16 0.14 0.00	26.40 0.15 0.00	35.06 0.09 0.00	37.69 0.09 0.00	40.58 0.12 0.00	39.59 0.27 0.00	38.52 0.28 0.00	34.73 0.34 0.00	42.67 0.50 -0.11	35.43 0.22 -2.17	38.44 -0.07 0.00	34.06 -0.03 0.00	31.12 -0.11 0.00	30.38 -0.25 0.00	33.33 -0.24 0.00

NEG MILLWOOD___DRP 24198	21.20 1.04 0.00	27.15 1.34 0.00	26.74 1.33 0.00	26.67 1.37 0.00	27.58 1.37 0.00	31.19 1.70 0.00	47.13 3.07 0.00	40.45 3.07 0.00	30.64 2.03 0.00	29.81 1.79 0.00	28.04 1.78 0.00	37.15 2.19 0.00	39.80 2.20 0.00	42.75 2.28 0.00	41.50 2.18 0.00	40.58 2.34 0.00	37.07 2.68 0.00	46.03 3.50 -0.47	45.06 2.54 -9.48	40.84 2.34 0.00	36.10 2.00 0.00	32.91 1.67 0.00	32.06 1.43 0.00	34.84 1.28 0.00
NEG NORTH_FLCN_SEA 23793	-21.06 -0.39 40.84	-21.02 -0.56 46.28	-13.33 -0.53 38.21	25.05 -0.26 0.00	26.41 0.19 0.00	30.05 0.56 0.00	44.31 0.26 0.00	37.47 0.09 0.00	28.63 0.02 0.00	28.30 0.28 0.00	26.65 0.39 0.00	35.79 0.83 0.00	38.74 1.14 0.00	41.93 1.47 0.00	40.97 1.65 0.00	39.11 0.87 0.00	35.00 0.61 0.00	42.45 0.39 0.00	33.91 0.88 0.00	40.02 1.51 0.00	35.95 1.86 0.00	33.17 1.93 0.00	32.71 2.08 0.00	35.75 2.19 0.00
NEG NORTH_KES_CHATEGAY 23792	-24.17 -0.50 43.84	-24.57 -0.70 49.68	-16.29 -0.68 41.02	24.87 -0.43 0.00	26.22 0.01 0.00	29.83 0.34 0.00	44.14 0.08 0.00	37.25 -0.13 0.00	28.56 -0.05 0.00	28.24 0.22 0.00	26.59 0.33 0.00	35.71 0.75 0.00	38.60 1.01 0.00	41.74 1.27 0.00	40.76 1.44 0.00	39.16 0.92 0.00	34.93 0.54 0.00	42.39 0.33 0.00	33.77 0.73 0.00	39.88 1.37 0.00	35.64 1.54 0.00	32.87 1.63 0.00	32.36 1.73 0.00	35.39 1.83 0.00
NEG NORTH___ALICE_FALLS 23915	-22.64 -0.18 42.62	-22.83 -0.34 48.30	-14.91 -0.45 39.88	25.10 -0.20 0.00	26.48 0.27 0.00	30.18 0.69 0.00	44.74 0.69 0.00	37.92 0.55 0.00	29.03 0.42 0.00	28.72 0.71 0.00	27.02 0.76 0.00	35.96 0.99 0.00	38.89 1.30 0.00	42.10 1.64 0.00	41.13 1.81 0.00	39.38 1.14 0.00	35.24 0.85 0.00	42.75 0.69 0.00	34.08 1.05 0.00	40.22 1.72 0.00	36.05 1.95 0.00	33.22 1.98 0.00	32.73 2.10 0.00	35.77 2.21 0.00
NEG NORTH___LWR_SARANAC 23913	-22.64 -0.18 42.62	-22.83 -0.34 48.30	-14.91 -0.45 39.88	25.10 -0.20 0.00	26.48 0.27 0.00	30.18 0.69 0.00	44.74 0.69 0.00	37.92 0.55 0.00	29.03 0.42 0.00	28.72 0.71 0.00	27.02 0.76 0.00	35.96 0.99 0.00	38.89 1.30 0.00	42.10 1.64 0.00	41.13 1.81 0.00	39.38 1.14 0.00	35.24 0.85 0.00	42.75 0.69 0.00	34.08 1.05 0.00	40.22 1.72 0.00	36.05 1.95 0.00	33.22 1.98 0.00	32.73 2.10 0.00	35.77 2.21 0.00
NEG NORTH___PLATTSBURG 23628	-22.64 -0.19 42.62	-22.83 -0.35 48.30	-14.91 -0.45 39.88	25.10 -0.20 0.00	26.48 0.27 0.00	30.18 0.69 0.00	44.74 0.69 0.00	37.92 0.55 0.00	29.03 0.42 0.00	28.72 0.71 0.00	27.02 0.76 0.00	35.96 0.99 0.00	38.89 1.30 0.00	42.10 1.64 0.00	41.13 1.81 0.00	39.38 1.14 0.00	35.24 0.85 0.00	42.75 0.69 0.00	34.08 1.05 0.00	40.23 1.72 0.00	36.05 1.95 0.00	33.23 1.99 0.00	32.73 2.10 0.00	35.77 2.21 0.00
NEG WEST_LEA_LOCKPORT 23791	19.06 -1.11 0.00	24.25 -1.56 0.00	23.99 -1.42 0.00	23.76 -1.54 0.00	25.06 -1.16 0.00	28.49 -0.99 0.00	42.97 -1.08 0.00	35.74 -1.64 0.00	27.65 -0.96 0.00	27.02 -1.00 0.00	25.17 -1.09 0.00	33.40 -1.57 0.00	36.22 -1.38 0.00	38.88 -1.58 0.00	37.99 -1.33 0.00	36.82 -1.42 0.00	32.82 -1.57 0.00	40.27 -1.91 -0.12	33.49 -1.93 -2.39	36.36 -2.14 0.00	32.11 -1.99 0.00	29.41 -1.83 0.00	29.19 -1.44 0.00	32.29 -1.27 0.00
NEG WEST___LANCASTR 23811	19.88 -0.28 0.00	25.34 -0.47 0.00	25.08 -0.34 0.00	24.86 -0.45 0.00	26.08 -0.13 0.00	29.66 0.17 0.00	45.20 1.15 0.00	37.77 0.39 0.00	29.09 0.48 0.00	28.51 0.49 0.00	26.56 0.30 0.00	35.28 0.32 0.00	38.16 0.56 0.00	41.04 0.57 0.00	40.08 0.77 0.00	38.90 0.66 0.00	34.56 0.17 0.00	42.43 0.24 -0.13	35.38 -0.23 -2.58	38.43 -0.08 0.00	34.08 -0.01 0.00	31.21 -0.03 0.00	30.75 0.12 0.00	33.86 0.30 0.00
NEG_PENN_ALLEGHNY 23528	20.04 -0.12 0.00	25.67 -0.14 0.00	25.29 -0.12 0.00	25.17 -0.14 0.00	26.06 -0.15 0.00	29.53 0.04 0.00	48.48 0.54 -3.88	37.91 0.53 0.00	30.25 0.28 -1.36	30.30 0.17 -2.10	26.98 0.17 -0.55	36.00 0.16 -0.88	38.88 0.22 -1.06	41.67 0.32 -0.88	41.85 0.35 -2.18	39.45 0.42 -0.80	34.91 0.41 -0.10	42.96 0.70 -0.20	37.44 0.34 -4.07	41.70 0.14 -3.05	35.49 0.10 -1.29	32.53 -0.03 -1.32	30.81 -0.04 -0.22	33.83 -0.09 -0.36
NEG___GEN_MONROE 24207	19.66 -0.51 0.00	25.03 -0.78 0.00	24.72 -0.69 0.00	24.50 -0.81 0.00	25.65 -0.57 0.00	29.13 -0.36 0.00	44.06 0.00 0.00	36.94 -0.43 0.00	28.44 -0.17 0.00	27.79 -0.23 0.00	25.97 -0.29 0.00	34.48 -0.49 0.00	37.27 -0.32 0.00	40.04 -0.42 0.00	39.02 -0.29 0.00	37.90 -0.34 0.00	33.98 -0.41 0.00	41.73 -0.44 -0.11	34.52 -0.68 -2.17	37.69 -0.82 0.00	33.28 -0.81 0.00	30.42 -0.82 0.00	29.97 -0.67 0.00	32.98 -0.58 0.00
NEPA___ENERGY 23901	19.33 -0.84 0.00	24.65 -1.16 0.00	24.44 -0.97 0.00	24.24 -1.06 0.00	25.35 -0.87 0.00	28.99 -0.50 0.00	43.95 -0.10 0.00	36.84 -0.53 0.00	28.27 -0.34 0.00	27.62 -0.40 0.00	25.79 -0.47 0.00	34.32 -0.64 0.00	37.34 -0.26 0.00	40.31 -0.16 0.00	39.23 -0.09 0.00	38.10 -0.14 0.00	33.81 -0.58 0.00	41.94 -0.25 -0.13	34.93 -0.71 -2.61	37.63 -0.87 0.00	33.37 -0.73 0.00	30.49 -0.75 0.00	30.12 -0.50 0.00	33.06 -0.50 0.00
NEVERSINK___HYD 23608	20.90 0.73 0.00	26.77 0.96 0.00	26.36 0.94 0.00	26.29 0.99 0.00	27.19 0.98 0.00	30.78 1.30 0.00	46.60 2.54 0.00	39.95 2.58 0.00	30.28 1.67 0.00	29.37 1.35 0.00	27.55 1.29 0.00	36.68 1.72 0.00	39.39 1.80 0.00	42.34 1.87 0.00	41.10 1.78 0.00	40.12 1.89 0.00	36.67 2.28 0.00	45.54 3.06 -0.42	43.74 2.11 -8.60	40.40 1.90 0.00	35.69 1.60 0.00	32.56 1.32 0.00	31.73 1.10 0.00	34.51 0.95 0.00
NEWKRMKL_115KV_TB1 55635	20.65 0.48 0.00	26.47 0.66 0.00	26.09 0.67 0.00	26.04 0.74 0.00	26.94 0.73 0.00	30.17 0.68 0.00	45.23 1.18 0.00	38.62 1.25 0.00	29.34 0.73 0.00	28.45 0.44 0.00	26.65 0.39 0.00	35.45 0.49 0.00	38.12 0.52 0.00	41.04 0.57 0.00	39.92 0.60 0.00	39.05 0.82 0.00	35.60 1.21 0.00	44.07 1.45 -0.56	45.33 0.95 -11.35	39.13 0.62 0.00	34.68 0.58 0.00	31.64 0.40 0.00	30.94 0.32 0.00	33.72 0.15 0.00
NEWTON___FALLS_HYD 23847	23.71 -0.71 -4.25	29.74 -0.89 -4.82	28.57 -0.82 -3.98	24.56 -0.74 0.00	25.52 -0.70 0.00	28.72 -0.77 0.00	43.18 -0.87 0.00	36.93 -0.45 0.00	28.32 -0.29 0.00	28.06 0.05 0.00	26.45 0.19 0.00	35.25 0.29 0.00	37.97 0.38 0.00	40.89 0.42 0.00	39.67 0.36 0.00	38.24 0.00 0.00	33.94 -0.45 0.00	41.40 -0.69 -0.03	33.32 -0.26 -0.55	38.42 -0.08 0.00	33.98 -0.12 0.00	31.41 0.17 0.00	30.98 0.35 0.00	34.07 0.51 0.00
NGRID_A1_DSASP 323792	18.59 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.02 0.00	23.15 -2.15 0.00	24.43 -1.78 0.00	27.76 -1.73 0.00	33.02 -2.13 8.90	34.74 -2.64 0.00	23.85 -1.65 3.11	21.63 -1.56 4.83	23.25 -1.75 1.25	30.48 -2.46 2.02	32.90 -2.27 2.43	35.82 -2.62 2.03	32.11 -2.19 5.01	34.04 -2.37 1.82	31.71 -2.44 0.24	39.19 -2.99 -0.12	32.67 -2.76 -2.41	28.45 -2.87 7.17	28.51 -2.55 3.03	25.87 -2.28 3.10	28.00 -2.11 0.52	30.74 -1.98 0.85

NGRID_A2_DSASP 323793	18.59 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.02 0.00	23.15 -2.15 0.00	24.43 -1.78 0.00	27.76 -1.73 0.00	33.02 -2.13 8.90	34.74 -2.64 0.00	23.85 -1.65 3.11	21.63 -1.56 4.83	23.25 -1.75 1.25	30.48 -2.46 2.02	32.90 -2.27 2.43	35.82 -2.62 2.03	32.11 -2.19 5.01	34.04 -2.37 1.82	31.71 -2.44 0.24	39.19 -2.99 -0.12	32.67 -2.76 -2.41	28.45 -2.87 7.17	28.51 -2.55 3.03	25.87 -2.28 3.10	28.00 -2.11 0.52	30.74 -1.98 0.85
NGRID_A4_DSASP 323807	18.59 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.02 0.00	23.15 -2.15 0.00	24.43 -1.78 0.00	27.76 -1.73 0.00	33.02 -2.13 8.90	34.74 -2.64 0.00	23.85 -1.65 3.11	21.63 -1.56 4.83	23.25 -1.75 1.25	30.48 -2.46 2.02	32.90 -2.27 2.43	35.82 -2.62 2.03	32.11 -2.19 5.01	34.04 -2.37 1.82	31.71 -2.44 0.24	39.19 -2.99 -0.12	32.67 -2.76 -2.41	28.45 -2.87 7.17	28.51 -2.55 3.03	25.87 -2.28 3.10	28.00 -2.11 0.52	30.74 -1.98 0.85
NIAGARA_115E_LBMP 323715	18.84 -1.32 0.00	23.97 -1.84 0.00	23.72 -1.69 0.00	23.48 -1.82 0.00	24.78 -1.44 0.00	28.16 -1.33 0.00	33.55 -1.68 8.83	35.14 -2.23 0.00	24.11 -1.41 3.09	21.80 -1.43 4.79	23.49 -1.52 1.25	30.81 -2.15 2.00	33.18 -2.03 2.39	36.15 -2.32 2.00	32.34 -2.04 4.93	34.35 -2.09 1.80	31.94 -2.22 0.23	39.42 -2.76 -0.12	32.85 -2.59 -2.41	28.54 -2.90 7.06	28.43 -2.68 2.99	25.76 -2.43 3.05	28.16 -1.96 0.51	30.96 -1.77 0.83
NIAGARA_115W_LBMP 323714	18.54 -1.62 0.00	23.58 -2.23 0.00	23.33 -2.08 0.00	23.10 -2.21 0.00	24.37 -1.84 0.00	27.68 -1.80 0.00	32.92 -2.24 8.89	34.64 -2.74 0.00	23.78 -1.72 3.11	21.58 -1.61 4.82	23.19 -1.81 1.25	30.39 -2.55 2.02	32.81 -2.36 2.42	35.73 -2.71 2.03	32.04 -2.28 5.01	33.94 -2.47 1.82	31.62 -2.53 0.24	39.08 -3.10 -0.12	32.59 -2.85 -2.41	28.38 -2.96 7.17	28.44 -2.62 3.03	25.81 -2.34 3.09	27.93 -2.19 0.52	30.66 -2.06 0.85
NIAGARA_230_LBMP 323716	18.81 -1.36 0.00	23.94 -1.87 0.00	23.68 -1.73 0.00	23.45 -1.85 0.00	24.72 -1.49 0.00	28.07 -1.42 0.00	33.48 -1.74 8.83	35.20 -2.17 0.00	24.13 -1.39 3.09	21.83 -1.40 4.79	23.53 -1.48 1.25	30.89 -2.06 2.01	33.26 -1.93 2.40	36.23 -2.22 2.01	32.43 -1.93 4.96	34.43 -2.00 1.81	32.07 -2.08 0.24	39.69 -2.49 -0.12	33.06 -2.36 -2.39	28.80 -2.60 7.11	28.74 -2.35 3.01	26.04 -2.14 3.07	28.32 -1.80 0.51	31.04 -1.68 0.84
NIAGARA__115KV_198_GIBSON 55903	18.54 -1.62 0.00	23.58 -2.23 0.00	23.33 -2.08 0.00	23.10 -2.21 0.00	24.37 -1.84 0.00	27.68 -1.80 0.00	41.82 -2.24 0.00	34.64 -2.73 0.00	26.89 -1.72 0.00	26.38 -1.63 0.00	24.44 -1.82 0.00	32.41 -2.56 0.00	35.22 -2.38 0.00	37.75 -2.71 0.00	37.03 -2.29 0.00	35.74 -2.50 0.00	31.87 -2.52 0.00	39.07 -3.11 -0.12	32.59 -2.85 -2.41	35.51 -3.00 0.00	31.46 -2.64 0.00	28.87 -2.37 0.00	28.44 -2.19 0.00	31.51 -2.06 0.00
NIAGARA____ 23760	18.81 -1.36 0.00	23.94 -1.87 0.00	23.68 -1.73 0.00	23.45 -1.85 0.00	24.72 -1.49 0.00	28.07 -1.42 0.00	33.48 -1.74 8.84	35.20 -2.17 0.00	24.13 -1.39 3.09	21.82 -1.40 4.79	23.53 -1.48 1.25	30.89 -2.06 2.01	33.26 -1.93 2.41	36.23 -2.22 2.01	32.43 -1.93 4.96	34.43 -2.00 1.81	32.07 -2.08 0.24	39.69 -2.49 -0.12	33.07 -2.36 -2.40	28.80 -2.60 7.10	28.74 -2.35 3.00	26.04 -2.14 3.07	28.32 -1.80 0.51	31.04 -1.68 0.84
NINE_MILE_1 23575	19.52 -0.64 0.00	24.98 -0.83 0.00	24.60 -0.82 0.00	24.46 -0.84 0.00	25.31 -0.91 0.00	28.49 -1.00 0.00	42.73 -1.32 0.00	36.20 -1.17 0.00	27.71 -0.90 0.00	27.05 -0.97 0.00	25.34 -0.92 0.00	33.66 -1.31 0.00	36.21 -1.38 0.00	38.95 -1.52 0.00	37.90 -1.42 0.00	36.87 -1.37 0.00	33.23 -1.16 0.00	40.75 -1.38 -0.07	33.28 -1.18 -1.43	37.00 -1.50 0.00	32.76 -1.34 0.00	29.96 -1.28 0.00	29.39 -1.24 0.00	32.35 -1.21 0.00
NINE_MILE_2 23744	19.53 -0.64 0.00	24.98 -0.83 0.00	24.60 -0.82 0.00	24.47 -0.84 0.00	25.31 -0.90 0.00	28.50 -0.99 0.00	42.74 -1.32 0.00	36.21 -1.17 0.00	27.71 -0.90 0.00	27.05 -0.97 0.00	25.35 -0.91 0.00	33.66 -1.31 0.00	36.21 -1.38 0.00	38.96 -1.51 0.00	37.90 -1.42 0.00	36.88 -1.36 0.00	33.23 -1.16 0.00	40.75 -1.38 -0.07	33.28 -1.18 -1.43	37.01 -1.50 0.00	32.76 -1.34 0.00	29.96 -1.28 0.00	29.39 -1.24 0.00	32.35 -1.21 0.00
NM_CAPITAL____DRP 24208	20.70 0.53 0.00	26.55 0.74 0.00	26.14 0.73 0.00	26.09 0.79 0.00	27.00 0.79 0.00	30.26 0.77 0.00	45.36 1.31 0.00	38.70 1.32 0.00	29.40 0.78 0.00	28.50 0.48 0.00	26.69 0.43 0.00	35.49 0.53 0.00	38.18 0.58 0.00	41.10 0.63 0.00	39.98 0.66 0.00	39.12 0.88 0.00	35.66 1.27 0.00	44.13 1.51 -0.56	45.36 1.01 -11.32	39.18 0.67 0.00	34.73 0.63 0.00	31.69 0.45 0.00	31.01 0.38 0.00	33.78 0.22 0.00
NM_CENTRAL____DRP 24181	19.85 -0.32 0.00	25.39 -0.42 0.00	25.01 -0.41 0.00	24.87 -0.44 0.00	25.74 -0.48 0.00	29.03 -0.45 0.00	43.69 -0.36 0.00	37.07 -0.30 0.00	28.35 -0.27 0.00	27.65 -0.36 0.00	25.92 -0.34 0.00	34.43 -0.53 0.00	37.05 -0.55 0.00	39.86 -0.61 0.00	38.79 -0.53 0.00	37.77 -0.47 0.00	34.06 -0.33 0.00	41.81 -0.34 -0.09	34.39 -0.42 -1.77	37.83 -0.67 0.00	33.46 -0.63 0.00	30.56 -0.68 0.00	29.96 -0.68 0.00	32.92 -0.64 0.00
NM_FRONTIER____DRP 24179	18.54 -1.62 0.00	23.58 -2.23 0.00	23.33 -2.08 0.00	23.10 -2.21 0.00	24.37 -1.84 0.00	27.68 -1.80 0.00	41.82 -2.24 0.00	34.64 -2.73 0.00	26.89 -1.72 0.00	26.38 -1.63 0.00	24.44 -1.82 0.00	32.41 -2.56 0.00	35.22 -2.38 0.00	37.75 -2.71 0.00	37.03 -2.29 0.00	35.74 -2.50 0.00	31.87 -2.52 0.00	39.07 -3.11 -0.12	32.59 -2.85 -2.41	35.51 -3.00 0.00	31.46 -2.64 0.00	28.87 -2.37 0.00	28.44 -2.19 0.00	31.51 -2.06 0.00
NM_ST_REGIS____HYD 24053	30.57 -0.26 -10.66	37.53 -0.37 -12.08	35.04 -0.35 -9.98	25.06 -0.24 0.00	26.17 -0.05 0.00	29.53 0.04 0.00	44.01 -0.04 0.00	37.28 -0.10 0.00	28.67 0.06 0.00	28.38 0.36 0.00	26.64 0.38 0.00	35.67 0.71 0.00	38.43 0.84 0.00	41.48 1.02 0.00	40.32 1.01 0.00	38.85 0.61 0.00	34.26 -0.13 0.00	41.48 -0.60 -0.01	33.27 -0.03 -0.27	39.02 0.52 0.00	34.64 0.54 0.00	32.16 0.92 0.00	31.70 1.07 0.00	34.88 1.32 0.00
NORTHPORT____1 23551	20.59 1.18 0.75	27.54 1.74 0.00	27.00 1.59 0.00	26.93 1.63 0.00	27.81 1.60 0.00	31.48 2.00 0.00	47.60 3.55 0.00	40.95 3.57 0.00	30.75 2.14 0.00	29.56 1.55 0.00	28.16 1.89 -0.01	37.59 2.58 -0.05	44.80 2.72 -4.49	43.30 2.83 0.00	42.19 2.86 -0.01	40.78 2.54 0.00	37.09 2.70 0.00	45.72 3.20 -0.46	44.75 2.36 -9.36	40.74 2.24 0.00	36.21 2.12 0.00	34.33 2.25 -0.84	32.38 1.75 0.00	35.02 1.46 0.00
NORTHPORT____2 23552	20.59 1.18 0.75	27.54 1.74 0.00	27.00 1.59 0.00	26.93 1.63 0.00	27.81 1.60 0.00	31.48 2.00 0.00	47.60 3.55 0.00	40.95 3.57 0.00	30.75 2.14 0.00	29.56 1.55 0.00	28.16 1.89 -0.01	37.59 2.58 -0.05	44.80 2.72 -4.49	43.30 2.83 0.00	42.19 2.86 -0.01	40.78 2.54 0.00	37.09 2.70 0.00	45.72 3.20 -0.46	44.75 2.36 -9.36	40.74 2.24 0.00	36.21 2.12 0.00	34.33 2.25 -0.84	32.38 1.75 0.00	35.02 1.46 0.00

NORTHPORT___3 23553	20.44 1.05 0.78	27.35 1.55 0.00	26.83 1.42 0.00	26.76 1.46 0.00	27.63 1.42 0.00	31.27 1.79 0.00	47.21 3.16 0.00	40.64 3.27 0.00	30.54 1.93 0.00	29.43 1.41 0.00	28.06 1.79 -0.01	37.44 2.43 -0.05	44.66 2.54 -4.52	43.13 2.66 0.00	41.94 2.62 -0.01	40.57 2.33 0.00	36.88 2.49 0.00	45.48 2.96 -0.46	44.58 2.19 -9.36	40.58 2.07 0.00	36.07 1.97 0.00	34.13 2.03 -0.85	32.24 1.61 0.00	34.91 1.35 0.00
NORTHPORT___4 23650	20.44 1.05 0.78	27.35 1.55 0.00	26.83 1.42 0.00	26.76 1.46 0.00	27.63 1.42 0.00	31.27 1.79 0.00	47.21 3.16 0.00	40.64 3.27 0.00	30.54 1.93 0.00	29.43 1.41 0.00	28.06 1.79 -0.01	37.44 2.43 -0.05	44.66 2.54 -4.52	43.13 2.66 0.00	41.94 2.62 -0.01	40.57 2.33 0.00	36.88 2.49 0.00	45.48 2.96 -0.46	44.58 2.19 -9.36	40.58 2.07 0.00	36.07 1.97 0.00	34.13 2.03 -0.85	32.24 1.61 0.00	34.91 1.35 0.00
NORTHPORT___IC 23718	20.59 1.18 0.75	27.54 1.74 0.00	27.00 1.59 0.00	26.93 1.63 0.00	27.81 1.60 0.00	31.48 2.00 0.00	47.60 3.55 0.00	40.95 3.57 0.00	30.75 2.14 0.00	29.56 1.55 0.00	28.16 1.89 -0.01	37.59 2.58 -0.05	44.80 2.72 -4.49	43.30 2.83 0.00	42.19 2.86 -0.01	40.78 2.54 0.00	37.09 2.70 0.00	45.72 3.20 -0.46	44.75 2.36 -9.36	40.74 2.24 0.00	36.21 2.12 0.00	34.33 2.25 -0.84	32.38 1.75 0.00	35.02 1.46 0.00
NORTH___COUNTRY_ESR 323785	-24.29 -0.58 43.87	-24.70 -0.80 49.72	-16.41 -0.78 41.05	24.78 -0.53 0.00	26.13 -0.09 0.00	29.73 0.24 0.00	43.96 -0.09 0.00	37.10 -0.28 0.00	28.47 -0.15 0.00	28.15 0.14 0.00	26.50 0.24 0.00	35.58 0.61 0.00	38.46 0.86 0.00	41.58 1.11 0.00	40.60 1.29 0.00	39.01 0.78 0.00	34.79 0.40 0.00	42.22 0.16 0.00	33.62 0.59 0.00	39.73 1.22 0.00	35.50 1.41 0.00	32.74 1.50 0.00	32.24 1.60 0.00	35.27 1.72 0.00
NPX_GEN_1385_PROXY 323591	20.56 1.14 0.75	27.68 1.87 0.00	26.95 1.54 0.00	26.88 1.58 0.00	27.75 1.54 0.00	31.41 1.92 0.00	49.87 3.13 -2.69	40.60 3.23 0.00	30.57 1.95 0.00	29.15 1.13 0.00	27.71 1.44 -0.01	36.86 1.85 -0.05	44.15 2.07 -4.49	42.48 2.01 0.00	41.95 2.63 -0.01	43.41 1.90 -3.28	36.45 2.32 0.26	45.04 2.52 -0.46	44.25 1.86 -9.36	39.99 1.48 0.00	35.56 1.47 0.00	34.39 2.30 -0.84	32.19 1.56 0.00	34.72 1.16 0.00
NPX_GEN_CSC 323557	20.95 1.44 0.66	27.91 2.11 0.00	27.40 1.99 0.00	27.34 2.04 0.00	28.21 2.00 0.00	32.00 2.51 0.00	51.22 4.47 -2.69	41.75 4.37 0.00	31.32 2.71 0.00	30.08 2.06 0.00	28.58 2.31 -0.01	38.29 3.28 -0.05	45.60 3.46 -4.55	44.18 3.72 0.00	43.05 3.72 -0.01	45.04 3.53 -3.28	37.77 3.65 0.26	46.95 4.43 -0.46	45.68 3.28 -9.36	41.74 3.24 0.00	37.03 2.93 0.00	35.02 2.92 -0.86	32.98 2.35 0.00	35.62 2.06 0.00
NSINS_S_GLNS_FALLS 23858	20.79 0.63 0.00	26.62 0.81 0.00	26.18 0.77 0.00	26.12 0.81 0.00	27.08 0.87 0.00	30.59 1.10 0.00	45.93 1.88 0.00	39.23 1.86 0.00	29.76 1.14 0.00	28.77 0.75 0.00	26.91 0.65 0.00	35.96 0.99 0.00	38.77 1.17 0.00	41.80 1.34 0.00	40.65 1.33 0.00	39.70 1.47 0.00	36.36 1.98 0.00	45.03 2.39 -0.57	46.28 1.61 -11.63	40.46 1.95 0.00	35.98 1.88 0.00	32.85 1.61 0.00	32.15 1.52 0.00	35.04 1.48 0.00
NUCOR_STEEL___DRP 24197	20.01 -0.15 0.00	25.61 -0.20 0.00	25.22 -0.20 0.00	25.08 -0.22 0.00	25.99 -0.22 0.00	29.37 -0.11 0.00	44.26 0.20 0.00	37.55 0.18 0.00	28.80 0.18 0.00	28.13 0.11 0.00	26.38 0.12 0.00	35.02 0.06 0.00	37.65 0.05 0.00	40.53 0.06 0.00	39.54 0.22 0.00	38.45 0.21 0.00	34.69 0.30 0.00	42.62 0.45 -0.10	35.34 0.19 -2.12	38.39 -0.12 0.00	34.02 -0.07 0.00	31.10 -0.14 0.00	30.34 -0.30 0.00	33.29 -0.27 0.00
NUMBER_THREE_WT_PWR 323818	21.20 -0.85 -1.88	26.97 -0.98 -2.13	26.29 -0.89 -1.76	24.49 -0.82 0.00	25.42 -0.80 0.00	28.54 -0.94 0.00	43.23 -0.82 0.00	37.32 -0.05 0.00	28.55 -0.06 0.00	28.34 0.32 0.00	26.80 0.55 0.00	35.57 0.60 0.00	38.39 0.80 0.00	41.28 0.81 0.00	39.99 0.67 0.00	38.51 0.28 0.00	34.50 0.11 0.00	42.42 0.32 -0.04	34.19 0.42 -0.74	38.89 0.39 0.00	34.34 0.25 0.00	31.57 0.33 0.00	31.12 0.49 0.00	34.13 0.56 0.00
NYISO_LBMP_REFERENCE 24008	20.17 0.00 0.00	25.81 0.00 0.00	25.41 0.00 0.00	25.30 0.00 0.00	26.21 0.00 0.00	29.49 0.00 0.00	44.05 0.00 0.00	37.38 0.00 0.00	28.61 0.00 0.00	28.02 0.00 0.00	26.26 0.00 0.00	34.96 0.00 0.00	37.60 0.00 0.00	40.47 0.00 0.00	39.32 0.00 0.00	38.24 0.00 0.00	34.39 0.00 0.00	42.06 0.00 0.00	33.03 0.00 0.00	38.50 0.00 0.00	34.09 0.00 0.00	31.24 0.00 0.00	30.63 0.00 0.00	33.56 0.00 0.00
NYPA_BRENTWD___GT 24164	21.07 1.43 0.53	27.81 2.00 0.00	27.28 1.86 0.00	27.21 1.91 0.00	28.09 1.88 0.00	31.84 2.35 0.00	48.23 4.18 0.00	41.50 4.12 0.00	31.17 2.56 0.00	29.97 1.95 0.00	28.52 2.25 -0.01	38.13 3.11 -0.05	45.54 3.32 -4.63	43.97 3.50 0.00	42.81 3.49 -0.01	41.47 3.24 0.00	37.76 3.37 0.00	46.59 4.07 -0.46	45.42 3.02 -9.36	41.46 2.96 0.00	36.80 2.70 0.00	34.82 2.71 -0.87	32.82 2.19 0.00	35.46 1.90 0.00
NYPA_GOWANUS___GT5 24156	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NYPA_GOWANUS___GT6 24157	21.08 0.92 0.00	26.97 1.16 0.00	26.58 1.17 0.00	26.52 1.22 0.00	27.39 1.18 0.00	30.99 1.51 0.00	46.85 2.80 0.00	40.32 2.94 0.00	30.54 1.93 0.00	29.60 1.58 0.00	27.92 1.66 0.00	37.04 2.08 0.00	39.76 2.17 0.00	42.57 2.11 0.00	41.30 1.98 0.00	40.42 2.19 0.00	36.98 2.59 0.00	45.81 3.29 -0.46	44.82 2.42 -9.36	40.63 2.13 0.00	35.91 1.82 0.00	32.79 1.55 0.00	31.93 1.30 0.00	34.66 1.09 0.00
NYPA_HARLEM__RVR_GT1 24160	20.99 0.83 0.00	26.87 1.06 0.00	26.49 1.08 0.00	26.44 1.14 0.00	27.30 1.09 0.00	30.84 1.36 0.00	46.62 2.57 0.00	40.14 2.76 0.00	30.40 1.79 0.00	29.45 1.44 0.00	27.79 1.52 0.00	36.81 1.85 0.00	39.53 1.94 0.00	42.35 1.88 0.00	41.04 1.73 0.00	40.17 1.93 0.00	36.72 2.33 0.01	45.54 3.02 -0.45	44.56 2.16 -9.36	40.38 1.88 0.00	35.71 1.61 0.00	32.62 1.38 0.00	31.77 1.14 0.00	34.42 0.86 0.00
NYPA_HARLEM__RVR_GT2 24161	20.99 0.83 0.00	26.87 1.06 0.00	26.49 1.08 0.00	26.44 1.14 0.00	27.30 1.09 0.00	30.84 1.36 0.00	46.62 2.57 0.00	40.14 2.76 0.00	30.40 1.79 0.00	29.45 1.44 0.00	27.79 1.52 0.00	36.81 1.85 0.00	39.53 1.94 0.00	42.35 1.88 0.00	41.04 1.73 0.00	40.17 1.93 0.00	36.72 2.33 0.01	45.54 3.02 -0.45	44.56 2.16 -9.36	40.38 1.88 0.00	35.71 1.61 0.00	32.62 1.38 0.00	31.77 1.14 0.00	34.42 0.86 0.00

NYPA_KENT____GT 24152	21.06 0.90 0.00	26.95 1.13 0.00	26.55 1.14 0.00	26.49 1.19 0.00	27.36 1.15 0.00	30.95 1.47 0.00	46.81 2.76 0.00	40.27 2.89 0.00	30.51 1.90 0.00	29.58 1.56 0.00	27.90 1.64 0.00	37.02 2.06 0.00	39.73 2.14 0.00	42.56 2.10 0.00	41.29 1.97 0.00	40.41 2.17 0.00	36.95 2.56 0.00	45.79 3.27 -0.46	44.79 2.40 -9.36	40.60 2.10 0.00	35.88 1.79 0.00	32.76 1.52 0.00	31.90 1.27 0.00	34.61 1.05 0.00
NYPA_POUCH1____GT 24155	21.04 0.88 0.00	26.94 1.12 0.00	26.55 1.14 0.00	26.50 1.19 0.00	27.37 1.15 0.00	30.95 1.47 0.00	46.75 2.70 0.00	40.27 2.89 0.00	30.50 1.89 0.00	29.55 1.53 0.00	27.87 1.61 0.00	36.97 2.01 0.00	39.67 2.07 0.00	42.44 1.97 0.00	41.18 1.86 0.00	40.35 2.11 0.00	36.93 2.54 0.00	45.73 3.20 -0.46	44.78 2.39 -9.36	40.57 2.07 0.00	35.88 1.79 0.00	32.77 1.53 0.00	31.91 1.28 0.00	34.66 1.10 0.00
NYPA_VERNON____GT2 24162	21.04 0.88 0.00	26.92 1.11 0.00	26.52 1.11 0.00	26.46 1.16 0.00	27.33 1.11 0.00	30.92 1.43 0.00	46.76 2.71 0.00	40.22 2.85 0.00	30.48 1.87 0.00	29.56 1.54 0.00	27.89 1.63 0.00	36.99 2.03 0.00	39.70 2.11 0.00	42.55 2.08 0.00	41.27 1.96 0.00	40.38 2.15 0.00	36.93 2.54 0.00	45.77 3.25 -0.46	44.76 2.37 -9.36	40.56 2.06 0.00	35.85 1.75 0.00	32.72 1.48 0.00	31.86 1.24 0.00	34.56 1.00 0.00
NYPA_VERNON____GT3 24163	21.04 0.88 0.00	26.92 1.11 0.00	26.52 1.11 0.00	26.46 1.16 0.00	27.33 1.11 0.00	30.92 1.43 0.00	46.76 2.71 0.00	40.22 2.85 0.00	30.48 1.87 0.00	29.56 1.54 0.00	27.89 1.63 0.00	36.99 2.03 0.00	39.70 2.11 0.00	42.55 2.08 0.00	41.27 1.96 0.00	40.38 2.15 0.00	36.93 2.54 0.00	45.77 3.25 -0.46	44.76 2.37 -9.36	40.56 2.06 0.00	35.85 1.75 0.00	32.72 1.48 0.00	31.86 1.24 0.00	34.56 1.00 0.00
NYPA__ASTORIA_CC1 323568	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.68 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.84 1.58 0.00	36.92 1.96 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.19 1.87 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.49 0.93 0.00
NYPA__ASTORIA_CC2 323569	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.41 1.11 0.00	27.28 1.06 0.00	30.86 1.37 0.00	46.68 2.62 0.00	40.15 2.78 0.00	30.43 1.82 0.00	29.50 1.48 0.00	27.84 1.58 0.00	36.92 1.96 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.19 1.87 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.68 2.28 -9.36	40.48 1.98 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.80 1.17 0.00	34.49 0.93 0.00
NYPA__HOLTSVILL 23794	20.78 1.28 0.66	27.72 1.91 0.00	27.22 1.81 0.00	27.16 1.86 0.00	28.02 1.81 0.00	31.76 2.28 0.00	48.11 4.06 0.00	41.39 4.02 0.00	31.08 2.47 0.00	29.88 1.86 0.00	28.41 2.15 -0.01	38.02 3.00 -0.05	45.29 3.16 -4.54	43.83 3.37 0.00	42.69 3.37 -0.01	41.37 3.14 0.00	37.68 3.29 0.00	46.50 3.97 -0.46	45.34 2.94 -9.36	41.36 2.85 0.00	36.70 2.60 0.00	34.72 2.62 -0.85	32.72 2.09 0.00	35.36 1.80 0.00
NYPA____HELLGATE_GT1 24158	20.98 0.82 0.00	26.86 1.05 0.00	26.48 1.07 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.43 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.90 0.00	42.30 1.83 0.00	41.00 1.69 0.00	40.13 1.90 0.00	36.69 2.30 0.01	45.48 2.96 -0.45	44.51 2.11 -9.36	40.32 1.82 0.00	35.66 1.56 0.00	32.57 1.33 0.00	31.74 1.11 0.00	34.39 0.82 0.00
NYPA____HELLGATE_GT2 24159	20.98 0.82 0.00	26.86 1.05 0.00	26.48 1.07 0.00	26.43 1.12 0.00	27.29 1.07 0.00	30.82 1.33 0.00	46.58 2.53 0.00	40.11 2.73 0.00	30.38 1.77 0.00	29.44 1.43 0.00	27.76 1.50 0.00	36.79 1.83 0.00	39.50 1.90 0.00	42.30 1.83 0.00	41.00 1.69 0.00	40.13 1.90 0.00	36.69 2.30 0.01	45.48 2.96 -0.45	44.51 2.11 -9.36	40.32 1.82 0.00	35.66 1.56 0.00	32.57 1.33 0.00	31.74 1.11 0.00	34.39 0.82 0.00
NYS_BARGE__HYD 23848	19.10 -1.07 0.00	24.30 -1.52 0.00	24.03 -1.38 0.00	23.80 -1.50 0.00	25.10 -1.12 0.00	28.54 -0.94 0.00	35.05 -1.00 8.01	35.78 -1.60 0.00	24.89 -0.92 2.80	22.74 -0.93 4.34	24.08 -1.05 1.13	31.63 -1.52 1.82	34.09 -1.33 2.18	37.10 -1.55 1.82	33.54 -1.29 4.49	35.24 -1.36 1.64	32.63 -1.54 0.21	40.30 -1.87 -0.12	33.50 -1.91 -2.38	29.97 -2.10 6.44	29.41 -1.96 2.72	26.66 -1.80 2.78	28.75 -1.42 0.46	31.56 -1.24 0.76
OAK ORCHARD__HYD 24046	19.51 -0.66 0.00	24.88 -0.93 0.00	24.55 -0.87 0.00	24.35 -0.96 0.00	25.46 -0.75 0.00	28.86 -0.63 0.00	39.17 -0.51 4.37	36.62 -0.75 0.00	26.64 -0.44 1.53	25.17 -0.48 2.37	25.12 -0.52 0.62	33.19 -0.78 0.99	35.75 -0.66 1.19	38.69 -0.78 0.99	36.23 -0.63 2.45	36.69 -0.66 0.90	33.58 -0.69 0.12	41.40 -0.77 -0.11	34.28 -0.91 -2.16	33.89 -1.09 3.53	31.55 -1.05 1.49	28.70 -1.02 1.52	29.50 -0.88 0.25	32.32 -0.82 0.42
OAKDALE__35_KV_LOAD 356122	20.02 -0.14 0.00	25.65 -0.17 0.00	25.26 -0.15 0.00	25.13 -0.17 0.00	26.03 -0.18 0.00	29.47 -0.01 0.00	44.51 0.45 0.00	37.80 0.43 0.00	28.83 0.22 0.00	28.13 0.11 0.00	26.37 0.12 0.00	35.05 0.09 0.00	37.75 0.15 0.00	40.68 0.22 0.00	39.59 0.27 0.00	38.56 0.32 0.00	34.72 0.33 0.00	42.87 0.60 -0.20	37.35 0.27 -4.05	38.56 0.05 0.00	34.12 0.02 0.00	31.15 -0.09 0.00	30.53 -0.09 0.00	33.42 -0.14 0.00
OCC_CHEM__DRP 24175	18.58 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.03 0.00	23.16 -2.15 0.00	24.44 -1.78 0.00	27.76 -1.73 0.00	41.91 -2.14 0.00	34.74 -2.64 0.00	26.95 -1.66 0.00	26.44 -1.58 0.00	24.50 -1.76 0.00	32.50 -2.46 0.00	35.31 -2.29 0.00	37.85 -2.62 0.00	37.12 -2.20 0.00	35.84 -2.40 0.00	31.96 -2.43 0.00	39.18 -3.00 -0.12	32.67 -2.77 -2.41	35.60 -2.91 0.00	31.53 -2.57 0.00	28.93 -2.31 0.00	28.51 -2.12 0.00	31.58 -1.98 0.00
OH_GEN_PROXY 24063	18.85 -1.32 0.00	24.00 -1.81 0.00	23.75 -1.67 0.00	23.51 -1.79 0.00	24.76 -1.46 0.00	28.10 -1.39 0.00	35.68 -1.65 6.72	35.32 -2.05 0.00	24.00 -1.33 3.29	21.58 -1.33 5.10	23.53 -1.41 1.33	30.86 -1.97 2.14	33.22 -1.82 2.56	36.24 -2.09 2.14	32.21 -1.82 5.29	37.70 -1.89 -1.35	31.90 -1.98 0.51	39.81 -2.36 -0.12	33.17 -2.25 -2.39	28.46 -2.48 7.57	28.65 -2.24 3.20	25.94 -2.04 3.27	28.36 -1.73 0.54	31.04 -1.63 0.89
OLIN_CORP_DRP 24177	18.85 -1.31 0.00	23.99 -1.82 0.00	23.73 -1.68 0.00	23.50 -1.81 0.00	24.79 -1.43 0.00	28.17 -1.31 0.00	42.42 -1.64 0.00	35.19 -2.19 0.00	27.24 -1.38 0.00	26.60 -1.41 0.00	24.77 -1.48 0.00	32.85 -2.11 0.00	35.60 -1.99 0.00	38.20 -2.27 0.00	37.32 -2.00 0.00	36.18 -2.06 0.00	32.23 -2.15 0.00	39.50 -2.68 -0.12	32.93 -2.52 -2.42	35.67 -2.84 0.00	31.48 -2.61 0.00	28.85 -2.39 0.00	28.71 -1.92 0.00	31.83 -1.73 0.00

OLIN_CORP_DSASP 323712	18.59 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.02 0.00	23.15 -2.15 0.00	24.43 -1.78 0.00	27.76 -1.73 0.00	33.02 -2.13 8.90	34.74 -2.64 0.00	23.85 -1.65 3.11	21.63 -1.56 4.83	23.25 -1.75 1.25	30.48 -2.46 2.02	32.90 -2.27 2.43	35.82 -2.62 2.03	32.11 -2.19 5.01	34.04 -2.37 1.82	31.71 -2.44 0.24	39.19 -2.99 -0.12	32.67 -2.76 -2.41	28.45 -2.87 7.17	28.51 -2.55 3.03	25.87 -2.28 3.10	28.00 -2.11 0.52	30.74 -1.98 0.85
ONEIDA_HERK_LFGE 323681	20.98 -0.08 -0.90	26.78 -0.05 -1.01	26.24 -0.02 -0.84	25.31 0.00 0.00	26.24 0.03 0.00	29.55 0.06 0.00	44.55 0.49 0.00	38.10 0.72 0.00	29.14 0.53 0.00	28.68 0.66 0.00	26.98 0.73 0.00	35.71 0.75 0.00	38.61 1.01 0.00	41.55 1.08 0.00	40.33 1.01 0.00	39.10 0.87 0.00	35.17 0.78 0.00	43.15 1.06 -0.03	34.50 0.82 -0.64	39.36 0.85 0.00	34.78 0.69 0.00	31.87 0.63 0.00	31.28 0.64 0.00	34.22 0.66 0.00
ONEIDA___115KV_TB4 55905	20.47 0.31 0.00	26.25 0.44 0.00	25.86 0.44 0.00	25.74 0.43 0.00	26.68 0.46 0.00	30.11 0.62 0.00	45.37 1.32 0.00	38.61 1.23 0.00	29.54 0.93 0.00	28.92 0.90 0.00	27.14 0.88 0.00	35.95 0.98 0.00	38.81 1.21 0.00	41.80 1.33 0.00	40.65 1.33 0.00	39.55 1.32 0.00	35.66 1.27 0.00	43.65 1.53 -0.05	35.21 1.08 -1.11	39.61 1.10 0.00	35.00 0.91 0.00	31.97 0.73 0.00	31.28 0.65 0.00	34.22 0.66 0.00
ONONDAGA_REF_OCCRA 23987	19.97 -0.19 0.00	25.56 -0.25 0.00	25.17 -0.24 0.00	25.04 -0.27 0.00	25.92 -0.30 0.00	29.25 -0.24 0.00	44.05 0.00 0.00	37.40 0.02 0.00	28.58 -0.03 0.00	27.88 -0.14 0.00	26.13 -0.12 0.00	34.70 -0.26 0.00	37.35 -0.24 0.00	40.21 -0.26 0.00	39.13 -0.18 0.00	38.11 -0.13 0.00	34.36 -0.02 0.00	42.20 0.05 -0.10	34.90 -0.12 -1.99	38.19 -0.32 0.00	33.77 -0.33 0.00	30.84 -0.40 0.00	30.21 -0.42 0.00	33.18 -0.38 0.00
ONONDAGA___COGEN 23986	19.98 -0.18 0.00	25.53 -0.29 0.00	25.13 -0.28 0.00	25.00 -0.30 0.00	25.87 -0.34 0.00	29.20 -0.29 0.00	43.95 -0.10 0.00	37.30 -0.07 0.00	28.51 -0.10 0.00	27.83 -0.19 0.00	26.09 -0.17 0.00	34.63 -0.33 0.00	37.26 -0.34 0.00	40.09 -0.38 0.00	39.03 -0.29 0.00	38.00 -0.24 0.00	34.27 -0.12 0.00	42.08 -0.08 -0.09	34.76 -0.20 -1.93	38.09 -0.42 0.00	33.70 -0.40 0.00	30.77 -0.47 0.00	30.14 -0.49 0.00	33.12 -0.45 0.00
ONTARIO___LFGE 23819	19.76 -0.40 0.00	25.26 -0.55 0.00	24.92 -0.50 0.00	24.80 -0.51 0.00	25.84 -0.38 0.00	29.34 -0.15 0.00	44.29 0.24 0.00	37.66 0.28 0.00	28.79 0.18 0.00	28.10 0.08 0.00	26.33 0.07 0.00	34.93 -0.04 0.00	37.61 0.02 0.00	40.58 0.11 0.00	39.59 0.27 0.00	38.55 0.31 0.00	34.67 0.28 0.00	42.52 0.35 -0.11	35.48 0.11 -2.34	38.38 -0.13 0.00	33.97 -0.12 0.00	30.96 -0.28 0.00	30.37 -0.26 0.00	33.26 -0.30 0.00
ORANGEVILLE_WT_PWR 323706	18.74 -1.43 0.00	23.92 -1.89 0.00	23.70 -1.72 0.00	23.62 -1.68 0.00	24.82 -1.39 0.00	28.38 -1.10 0.00	39.27 -0.95 3.83	36.29 -1.09 0.00	26.46 -0.81 1.34	25.12 -0.82 2.08	24.86 -0.86 0.54	32.82 -1.27 0.87	35.49 -1.05 1.05	38.77 -0.82 0.88	36.70 -0.45 2.17	37.00 -0.44 0.79	33.49 -0.80 0.10	41.26 -0.93 -0.13	34.65 -1.10 -2.71	34.10 -1.26 3.14	31.58 -1.19 1.33	28.66 -1.22 1.35	29.41 -1.00 0.23	32.22 -0.97 0.37
ORANGEVILLE___ESR 323794	18.74 -1.43 0.00	23.92 -1.89 0.00	23.70 -1.72 0.00	23.62 -1.68 0.00	24.82 -1.39 0.00	28.38 -1.10 0.00	39.27 -0.95 3.83	36.29 -1.09 0.00	26.46 -0.81 1.34	25.12 -0.82 2.08	24.86 -0.86 0.54	32.82 -1.27 0.87	35.49 -1.05 1.05	38.77 -0.82 0.88	36.70 -0.45 2.17	37.00 -0.44 0.79	33.49 -0.80 0.10	41.26 -0.93 -0.13	34.65 -1.10 -2.71	34.10 -1.26 3.14	31.58 -1.19 1.33	28.66 -1.22 1.35	29.41 -1.00 0.23	32.22 -0.97 0.37
OSWEGATCHIE___HYD 24044	23.70 -0.71 -4.25	29.74 -0.89 -4.82	28.57 -0.82 -3.98	24.56 -0.74 0.00	25.52 -0.70 0.00	28.72 -0.77 0.00	43.18 -0.87 0.00	36.93 -0.45 0.00	28.32 -0.29 0.00	28.06 0.05 0.00	26.45 0.19 0.00	35.25 0.29 0.00	37.97 0.38 0.00	40.89 0.42 0.00	39.67 0.36 0.00	38.24 0.00 0.00	33.94 -0.45 0.00	41.40 -0.69 -0.03	33.32 -0.26 -0.55	38.42 -0.08 0.00	33.98 -0.12 0.00	31.41 0.17 0.00	30.98 0.35 0.00	34.07 0.51 0.00
OSWEGO___5 23606	19.67 -0.50 0.00	25.16 -0.65 0.00	24.78 -0.64 0.00	24.64 -0.66 0.00	25.50 -0.71 0.00	28.74 -0.75 0.00	43.14 -0.91 0.00	36.58 -0.80 0.00	27.98 -0.63 0.00	27.33 -0.69 0.00	25.61 -0.65 0.00	34.01 -0.96 0.00	36.60 -1.00 0.00	39.38 -1.08 0.00	38.31 -1.01 0.00	37.28 -0.96 0.00	33.60 -0.79 0.00	41.22 -0.92 -0.08	33.82 -0.82 -1.61	37.40 -1.10 0.00	33.10 -0.99 0.00	30.27 -0.97 0.00	29.68 -0.95 0.00	32.63 -0.93 0.00
OSWEGO___6 23613	19.67 -0.50 0.00	25.16 -0.65 0.00	24.78 -0.64 0.00	24.64 -0.66 0.00	25.50 -0.71 0.00	28.74 -0.75 0.00	43.14 -0.91 0.00	36.58 -0.80 0.00	27.98 -0.63 0.00	27.33 -0.69 0.00	25.61 -0.65 0.00	34.01 -0.96 0.00	36.60 -1.00 0.00	39.38 -1.08 0.00	38.31 -1.01 0.00	37.28 -0.96 0.00	33.60 -0.79 0.00	41.22 -0.92 -0.08	33.82 -0.82 -1.61	37.40 -1.10 0.00	33.10 -0.99 0.00	30.27 -0.97 0.00	29.68 -0.95 0.00	32.63 -0.93 0.00
OUTOKUMPU-AB___DRP 24206	19.15 -1.01 0.00	24.37 -1.44 0.00	24.10 -1.31 0.00	23.88 -1.42 0.00	25.18 -1.03 0.00	28.64 -0.85 0.00	43.27 -0.78 0.00	35.98 -1.40 0.00	27.88 -0.73 0.00	27.28 -0.74 0.00	25.37 -0.89 0.00	33.67 -1.30 0.00	36.56 -1.03 0.00	39.27 -1.20 0.00	38.43 -0.89 0.00	37.17 -1.07 0.00	33.15 -1.24 0.00	40.68 -1.50 -0.12	33.86 -1.60 -2.43	36.81 -1.70 0.00	32.54 -1.55 0.00	29.80 -1.43 0.00	29.46 -1.17 0.00	32.52 -1.04 0.00
OXBOW____ 24026	18.93 -1.24 0.00	24.08 -1.74 0.00	23.82 -1.60 0.00	23.58 -1.72 0.00	24.87 -1.34 0.00	28.28 -1.21 0.00	33.81 -1.32 8.92	35.48 -1.90 0.00	24.40 -1.10 3.12	22.13 -1.05 4.84	23.77 -1.23 1.26	31.18 -1.76 2.03	33.63 -1.53 2.43	36.65 -1.77 2.04	32.88 -1.41 5.03	34.83 -1.58 1.83	32.42 -1.73 0.24	40.08 -2.10 -0.12	33.38 -2.07 -2.42	29.16 -2.14 7.20	29.12 -1.93 3.05	26.39 -1.75 3.11	28.57 -1.54 0.52	31.30 -1.41 0.85
OXY_CHEM_DSASP 323612	18.58 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.03 0.00	23.16 -2.15 0.00	24.44 -1.78 0.00	27.76 -1.73 0.00	41.91 -2.14 0.00	34.74 -2.64 0.00	26.95 -1.66 0.00	26.44 -1.58 0.00	24.50 -1.76 0.00	32.50 -2.46 0.00	35.31 -2.29 0.00	37.85 -2.62 0.00	37.12 -2.20 0.00	35.84 -2.40 0.00	31.96 -2.43 0.00	39.18 -3.00 -0.12	32.67 -2.77 -2.41	35.60 -2.91 0.00	31.53 -2.57 0.00	28.93 -2.31 0.00	28.51 -2.12 0.00	31.58 -1.98 0.00
OZONE_PARK_ESR 323760	21.19 1.02 0.00	27.12 1.31 0.00	26.71 1.29 0.00	26.64 1.34 0.00	27.53 1.31 0.00	31.15 1.67 0.00	47.16 3.10 0.00	40.53 3.16 0.00	30.71 2.10 0.00	29.78 1.77 0.00	28.10 1.84 0.00	37.28 2.32 0.00	40.02 2.43 0.00	42.91 2.44 0.00	41.63 2.31 0.00	40.74 2.50 0.00	37.23 2.84 0.00	46.20 3.67 -0.46	45.08 2.68 -9.36	40.94 2.43 0.00	36.17 2.07 0.00	33.02 1.78 0.00	32.14 1.51 0.00	34.85 1.29 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.58 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.03 0.00	23.16 -2.15 0.00	24.44 -1.78 0.00	27.76 -1.73 0.00	41.91 -2.14 0.00	34.74 -2.64 0.00	26.95 -1.66 0.00	26.44 -1.58 0.00	24.50 -1.76 0.00	32.50 -2.46 0.00	35.31 -2.29 0.00	37.85 -2.62 0.00	37.12 -2.20 0.00	35.84 -2.40 0.00	31.96 -2.43 0.00	39.18 -3.00 -0.12	32.67 -2.77 -2.41	35.60 -2.91 0.00	31.53 -2.57 0.00	28.93 -2.31 0.00	28.51 -2.12 0.00	31.58 -1.98 0.00
PACKARD__115KV_DUPONT_184 80571	18.58 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.03 0.00	23.16 -2.15 0.00	24.44 -1.78 0.00	27.76 -1.73 0.00	41.91 -2.14 0.00	34.74 -2.64 0.00	26.95 -1.66 0.00	26.44 -1.58 0.00	24.50 -1.76 0.00	32.50 -2.46 0.00	35.31 -2.29 0.00	37.85 -2.62 0.00	37.12 -2.20 0.00	35.84 -2.40 0.00	31.96 -2.43 0.00	39.18 -3.00 -0.12	32.67 -2.77 -2.41	35.60 -2.91 0.00	31.53 -2.57 0.00	28.93 -2.31 0.00	28.51 -2.12 0.00	31.58 -1.98 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.01 0.85 0.00	26.90 1.09 0.00	26.52 1.11 0.00	26.46 1.15 0.00	27.33 1.11 0.00	30.89 1.41 0.00	46.72 2.67 0.00	40.20 2.82 0.00	30.44 1.83 0.00	29.50 1.49 0.00	27.82 1.56 0.00	36.90 1.94 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.18 1.87 0.00	40.31 2.07 0.00	36.83 2.44 0.00	45.67 3.15 -0.46	44.66 2.27 -9.36	40.49 1.98 0.00	35.78 1.69 0.00	32.67 1.43 0.00	31.82 1.19 0.00	34.52 0.95 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.15 0.99 0.00	27.07 1.26 0.00	26.68 1.27 0.00	26.64 1.34 0.00	27.53 1.32 0.00	31.12 1.64 0.00	47.12 3.07 0.00	40.53 3.15 0.00	30.66 2.05 0.00	29.73 1.72 0.00	28.03 1.77 0.00	37.14 2.17 0.00	39.80 2.20 0.00	42.66 2.19 0.00	41.36 2.04 0.00	40.50 2.26 0.00	37.02 2.63 0.00	45.93 3.41 -0.46	44.85 2.46 -9.36	40.68 2.17 0.00	35.96 1.86 0.00	32.84 1.60 0.00	31.99 1.36 0.00	34.69 1.13 0.00
PATROON__115KV_TB1 80586	20.71 0.54 0.00	26.55 0.74 0.00	26.15 0.74 0.00	26.11 0.80 0.00	27.01 0.80 0.00	30.26 0.78 0.00	45.38 1.32 0.00	38.74 1.36 0.00	29.43 0.82 0.00	28.55 0.53 0.00	26.74 0.48 0.00	35.57 0.60 0.00	38.25 0.65 0.00	41.18 0.72 0.00	40.05 0.74 0.00	39.18 0.94 0.00	35.72 1.33 0.00	44.21 1.59 -0.56	45.48 1.06 -11.39	39.26 0.75 0.00	34.79 0.69 0.00	31.74 0.50 0.00	31.04 0.41 0.00	33.82 0.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.73 -0.44 0.00	25.13 -0.68 0.00	24.87 -0.54 0.00	24.65 -0.66 0.00	25.89 -0.32 0.00	29.48 0.00 0.00	45.25 1.20 0.00	37.80 0.43 0.00	29.15 0.53 0.00	28.56 0.54 0.00	26.61 0.35 0.00	35.22 0.26 0.00	37.89 0.30 0.00	40.75 0.29 0.00	39.79 0.48 0.00	38.61 0.37 0.00	34.33 -0.06 0.00	42.18 -0.01 -0.12	35.14 -0.43 -2.54	38.15 -0.35 0.00	33.79 -0.30 0.00	30.94 -0.30 0.00	30.52 -0.11 0.00	33.62 0.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.20 1.04 0.00	27.15 1.34 0.00	26.74 1.33 0.00	26.67 1.37 0.00	27.58 1.37 0.00	31.19 1.70 0.00	47.13 3.07 0.00	40.45 3.07 0.00	30.64 2.03 0.00	29.81 1.79 0.00	28.04 1.78 0.00	37.15 2.19 0.00	39.80 2.20 0.00	42.75 2.28 0.00	41.50 2.18 0.00	40.58 2.34 0.00	37.07 2.68 0.00	46.03 3.50 -0.47	45.06 2.54 -9.48	40.84 2.34 0.00	36.10 2.00 0.00	32.91 1.67 0.00	32.06 1.43 0.00	34.84 1.28 0.00
PEEKSKILL____ 23653	20.90 0.73 0.00	26.78 0.97 0.00	26.38 0.97 0.00	26.34 1.03 0.00	27.22 1.00 0.00	30.75 1.27 0.00	46.44 2.39 0.00	39.88 2.50 0.00	30.20 1.59 0.00	29.27 1.25 0.00	27.58 1.32 0.00	36.63 1.66 0.00	39.30 1.70 0.00	42.19 1.72 0.00	40.93 1.62 0.00	40.02 1.78 0.00	36.56 2.17 0.00	45.37 2.85 -0.46	44.34 2.03 -9.28	40.24 1.73 0.00	35.56 1.47 0.00	32.46 1.22 0.00	31.64 1.01 0.00	34.41 0.84 0.00
PGE MADISON____WINDPWR 24146	20.79 0.62 0.00	26.70 0.89 0.00	26.29 0.87 0.00	26.15 0.84 0.00	27.26 1.05 0.00	31.08 1.60 0.00	50.08 3.34 -2.69	40.43 3.05 0.00	31.97 2.42 -0.94	32.02 2.55 -1.46	29.06 2.42 -0.38	38.64 3.06 -0.61	41.32 3.00 -0.73	44.65 3.57 -0.61	44.68 3.85 -1.51	42.56 3.77 -0.55	37.75 3.29 -0.07	46.71 4.46 -0.19	40.18 3.29 -3.85	44.12 3.52 -2.10	37.79 2.81 -0.89	34.30 2.15 -0.90	32.68 1.90 -0.15	35.80 1.99 -0.25
PIERCEFIELD____HYD 23852	26.16 -0.25 -6.24	32.54 -0.34 -7.07	30.94 -0.32 -5.84	25.05 -0.25 0.00	26.08 -0.13 0.00	29.37 -0.12 0.00	43.86 -0.20 0.00	37.16 -0.21 0.00	28.59 -0.02 0.00	28.30 0.28 0.00	26.55 0.29 0.00	35.53 0.56 0.00	38.23 0.64 0.00	41.24 0.78 0.00	40.05 0.73 0.00	38.62 0.39 0.00	33.97 -0.42 0.00	41.09 -0.98 -0.02	32.97 -0.35 -0.30	38.64 0.13 0.00	34.23 0.13 0.00	31.84 0.60 0.00	31.41 0.78 0.00	34.61 1.05 0.00
PINELAWN_CC_I 323563	21.41 1.25 0.00	27.59 1.78 0.00	27.06 1.65 0.00	26.99 1.69 0.00	27.88 1.66 0.00	31.58 2.09 0.00	47.80 3.75 0.00	41.15 3.77 0.00	30.95 2.34 0.00	29.80 1.78 0.00	28.35 2.08 -0.01	37.86 2.84 -0.05	45.61 3.01 -5.01	43.63 3.17 0.00	42.44 3.12 -0.01	41.19 2.95 0.00	37.52 3.13 0.00	46.34 3.81 -0.46	45.21 2.81 -9.36	41.20 2.70 0.00	36.55 2.45 0.00	34.58 2.41 -0.93	32.56 1.93 0.00	35.22 1.66 0.00
PJM_GEN_HTP_PROXY 323702	20.99 0.83 0.00	26.89 1.08 0.00	26.48 1.07 0.00	26.43 1.12 0.00	27.30 1.09 0.00	30.88 1.40 0.00	46.72 2.67 0.00	40.12 2.75 0.00	30.39 1.78 0.00	29.47 1.45 0.00	27.80 1.54 0.00	36.90 1.93 0.00	39.59 2.00 0.00	42.44 1.97 0.00	41.17 1.85 0.00	40.53 2.04 -0.26	35.86 2.44 0.97	45.69 3.17 -0.46	44.69 2.29 -9.36	40.48 1.97 0.00	35.77 1.67 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.51 0.95 0.00
PJM_GEN_KEystone 24065	20.07 -0.10 0.00	25.67 -0.14 0.00	25.35 -0.07 0.00	25.39 -0.07 -0.14	26.19 -0.03 0.00	29.14 0.16 0.51	39.91 0.80 4.93	38.09 0.71 0.00	25.38 0.39 3.62	22.62 0.21 5.61	25.03 0.23 1.46	32.87 0.25 2.35	35.15 0.36 2.81	38.45 0.33 2.34	33.87 0.35 5.79	36.82 0.43 1.85	33.67 0.52 1.24	43.22 0.86 -0.30	39.58 0.38 -6.17	30.32 0.09 8.28	30.67 0.07 3.50	27.66 -0.01 3.57	30.02 -0.01 0.60	34.04 -0.10 -0.58
PJM_GEN_NEPTUNE_PROXY 323594	20.01 0.99 1.14	27.25 1.45 0.01	26.72 1.32 0.01	26.66 1.37 0.01	27.54 1.34 0.01	31.16 1.67 0.00	47.13 3.08 0.00	40.54 3.17 0.00	30.53 1.92 0.00	29.46 1.45 0.00	28.00 1.74 -0.01	37.33 2.32 -0.05	44.25 2.42 -4.23	42.96 2.49 0.00	41.74 2.42 0.00	40.83 2.34 -0.26	36.02 2.60 0.97	45.73 3.21 -0.46	44.74 2.34 -9.36	40.66 2.15 0.00	36.04 1.94 0.00	33.88 1.89 -0.75	32.10 1.47 0.00	34.78 1.22 0.00
PJM_GEN_VFT_PROXY 323633	20.89 0.72 0.00	26.75 0.93 0.00	26.35 0.94 0.00	26.29 0.99 0.00	27.15 0.94 0.00	30.71 1.22 0.00	46.44 2.40 0.00	39.90 2.53 0.00	30.22 1.61 0.00	29.30 1.28 0.00	27.65 1.39 0.00	36.69 1.72 0.00	39.37 1.77 0.00	42.21 1.74 0.00	40.93 1.61 0.00	40.32 1.82 -0.26	35.67 2.25 0.97	45.46 2.93 -0.46	44.48 2.09 -9.36	40.23 1.72 0.00	35.56 1.46 0.00	32.45 1.21 0.00	31.61 0.97 0.00	34.30 0.74 0.00

PLATSBRG_115KV_PMLD1 355749	-21.05 -0.41 40.80	-21.01 -0.58 46.24	-13.33 -0.56 38.18	25.02 -0.28 0.00	26.39 0.17 0.00	30.04 0.55 0.00	44.34 0.28 0.00	37.50 0.13 0.00	28.65 0.04 0.00	28.33 0.31 0.00	26.68 0.42 0.00	35.82 0.86 0.00	38.78 1.19 0.00	41.97 1.51 0.00	41.01 1.69 0.00	39.25 1.01 0.00	35.10 0.71 0.00	42.57 0.51 0.00	33.94 0.91 0.00	40.06 1.55 0.00	35.93 1.84 0.00	33.14 1.90 0.00	32.68 2.05 0.00	35.73 2.17 0.00
PLEASANTVLY___LBMP 24000	20.91 0.74 0.00	26.80 0.99 0.00	26.38 0.97 0.00	26.32 1.02 0.00	27.21 1.00 0.00	30.73 1.24 0.00	46.30 2.25 0.00	39.71 2.33 0.00	30.08 1.47 0.00	29.16 1.15 0.00	27.42 1.16 0.00	36.44 1.47 0.00	39.07 1.48 0.00	41.98 1.51 0.00	40.74 1.42 0.00	39.85 1.61 0.00	36.39 2.00 0.00	45.17 2.63 -0.48	44.64 1.87 -9.74	40.07 1.57 0.00	35.44 1.35 0.00	32.33 1.09 0.00	31.54 0.91 0.00	34.31 0.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.00 0.84 0.00	26.90 1.09 0.00	26.51 1.10 0.00	26.44 1.13 0.00	27.32 1.10 0.00	30.88 1.39 0.00	46.62 2.57 0.00	40.03 2.65 0.00	30.31 1.70 0.00	29.39 1.37 0.00	27.68 1.43 0.00	36.78 1.82 0.00	39.46 1.86 0.00	42.35 1.88 0.00	41.09 1.77 0.00	40.17 1.94 0.00	36.71 2.32 0.00	45.55 3.03 -0.46	44.62 2.17 -9.42	40.42 1.92 0.00	35.72 1.63 0.00	32.59 1.36 0.00	31.76 1.13 0.00	34.53 0.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.00 0.84 0.00	26.90 1.09 0.00	26.51 1.10 0.00	26.44 1.13 0.00	27.32 1.10 0.00	30.88 1.39 0.00	46.62 2.57 0.00	40.03 2.65 0.00	30.31 1.70 0.00	29.39 1.37 0.00	27.68 1.43 0.00	36.78 1.82 0.00	39.46 1.86 0.00	42.35 1.88 0.00	41.09 1.77 0.00	40.17 1.94 0.00	36.71 2.32 0.00	45.55 3.03 -0.46	44.62 2.17 -9.42	40.42 1.92 0.00	35.72 1.63 0.00	32.59 1.36 0.00	31.76 1.13 0.00	34.53 0.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.07 0.91 0.00	27.01 1.20 0.00	26.59 1.17 0.00	26.53 1.23 0.00	27.43 1.22 0.00	30.99 1.50 0.00	46.74 2.69 0.00	40.09 2.71 0.00	30.36 1.75 0.00	29.44 1.43 0.00	27.66 1.40 0.00	36.74 1.78 0.00	39.42 1.83 0.00	42.37 1.90 0.00	41.13 1.82 0.00	40.24 2.00 0.00	36.75 2.36 0.00	45.62 3.09 -0.47	44.87 2.22 -9.62	40.50 2.00 0.00	35.80 1.71 0.00	32.63 1.39 0.00	31.81 1.18 0.00	34.61 1.04 0.00
POLETTI____ 23519	20.97 0.81 0.00	26.84 1.03 0.00	26.44 1.03 0.00	26.38 1.08 0.00	27.25 1.03 0.00	30.82 1.34 0.00	46.58 2.53 0.00	40.03 2.66 0.00	30.34 1.73 0.00	29.43 1.42 0.00	27.77 1.51 0.00	36.83 1.86 0.00	39.52 1.93 0.00	42.35 1.89 0.00	41.09 1.77 0.00	40.21 1.97 0.00	36.77 2.38 0.00	45.60 3.08 -0.46	44.63 2.24 -9.36	40.41 1.90 0.00	35.71 1.62 0.00	32.61 1.37 0.00	31.76 1.13 0.00	34.45 0.89 0.00
POMONA___ESR 323819	20.84 0.68 0.00	26.71 0.90 0.00	26.35 0.94 0.00	26.32 1.02 0.00	27.20 0.98 0.00	30.73 1.25 0.00	46.42 2.37 0.00	39.84 2.47 0.00	30.18 1.57 0.00	29.25 1.24 0.00	27.57 1.31 0.00	36.62 1.65 0.00	39.30 1.70 0.00	42.18 1.72 0.00	40.92 1.61 0.00	40.01 1.77 0.00	36.53 2.14 0.00	45.35 2.84 -0.45	44.11 2.01 -9.07	40.21 1.71 0.00	35.54 1.45 0.00	32.43 1.18 0.00	31.61 0.98 0.00	34.40 0.84 0.00
PORT_JEFF_3 23555	20.84 1.34 0.66	27.79 1.98 0.00	27.29 1.88 0.00	27.22 1.92 0.00	28.09 1.88 0.00	31.85 2.36 0.00	48.27 4.21 0.00	41.50 4.12 0.00	31.16 2.55 0.00	29.96 1.94 0.00	28.49 2.22 -0.01	38.11 3.09 -0.05	45.41 3.27 -4.55	43.95 3.49 0.00	42.81 3.48 -0.01	41.49 3.26 0.00	37.79 3.40 0.00	46.64 4.12 -0.46	45.45 3.05 -9.36	41.48 2.97 0.00	36.81 2.71 0.00	34.81 2.71 -0.86	32.81 2.18 0.00	35.45 1.88 0.00
PORT_JEFF_4 23616	20.84 1.34 0.66	27.79 1.98 0.00	27.29 1.88 0.00	27.22 1.92 0.00	28.09 1.88 0.00	31.85 2.36 0.00	48.27 4.21 0.00	41.50 4.12 0.00	31.16 2.55 0.00	29.96 1.94 0.00	28.49 2.22 -0.01	38.11 3.09 -0.05	45.41 3.27 -4.55	43.95 3.49 0.00	42.81 3.48 -0.01	41.49 3.26 0.00	37.79 3.40 0.00	46.64 4.12 -0.46	45.45 3.05 -9.36	41.48 2.97 0.00	36.81 2.71 0.00	34.81 2.71 -0.86	32.81 2.18 0.00	35.45 1.88 0.00
PORT_JEFF_IC 23713	20.91 1.38 0.64	27.85 2.04 0.00	27.34 1.93 0.00	27.27 1.97 0.00	28.15 1.94 0.00	31.91 2.43 0.00	48.36 4.31 0.00	41.56 4.19 0.00	31.20 2.59 0.00	29.99 1.97 0.00	28.52 2.25 -0.01	38.16 3.15 -0.05	45.50 3.34 -4.57	44.02 3.55 0.00	42.88 3.56 -0.01	41.58 3.34 0.00	37.86 3.47 0.00	46.74 4.22 -0.46	45.52 3.12 -9.36	41.56 3.05 0.00	36.87 2.78 0.00	34.87 2.78 -0.86	32.85 2.23 0.00	35.49 1.93 0.00
PPL PILGRIM_ST_GT1 24216	21.07 1.43 0.53	27.81 2.00 0.00	27.28 1.86 0.00	27.21 1.91 0.00	28.09 1.88 0.00	31.84 2.35 0.00	48.23 4.18 0.00	41.50 4.12 0.00	31.17 2.56 0.00	29.97 1.95 0.00	28.52 2.25 -0.01	38.13 3.11 -0.05	45.54 3.32 -4.63	43.97 3.50 0.00	42.81 3.49 -0.01	41.47 3.24 0.00	37.76 3.37 0.00	46.59 4.07 -0.46	45.42 3.02 -9.36	41.46 2.96 0.00	36.80 2.70 0.00	34.82 2.71 -0.87	32.82 2.19 0.00	35.46 1.90 0.00
PPL PILGRIM_ST_GT2 24217	21.07 1.43 0.53	27.81 2.00 0.00	27.28 1.86 0.00	27.21 1.91 0.00	28.09 1.88 0.00	31.84 2.35 0.00	48.23 4.18 0.00	41.50 4.12 0.00	31.17 2.56 0.00	29.97 1.95 0.00	28.52 2.25 -0.01	38.13 3.11 -0.05	45.54 3.32 -4.63	43.97 3.50 0.00	42.81 3.49 -0.01	41.47 3.24 0.00	37.76 3.37 0.00	46.59 4.07 -0.46	45.42 3.02 -9.36	41.46 2.96 0.00	36.80 2.70 0.00	34.82 2.71 -0.87	32.82 2.19 0.00	35.46 1.90 0.00
PPL_SHRM_GT3 24213	20.96 1.44 0.64	27.92 2.11 0.00	27.41 2.00 0.00	27.36 2.06 0.00	28.22 2.01 0.00	32.00 2.51 0.00	48.55 4.50 0.00	41.79 4.41 0.00	31.34 2.73 0.00	30.09 2.08 0.00	28.58 2.31 -0.01	38.32 3.31 -0.05	45.63 3.48 -4.56	44.22 3.75 0.00	43.08 3.75 -0.01	41.79 3.55 0.00	38.07 3.68 0.00	46.97 4.45 -0.46	45.70 3.31 -9.36	41.78 3.28 0.00	37.05 2.96 0.00	35.05 2.95 -0.86	33.01 2.37 0.00	35.64 2.08 0.00
PPL_SHRM_GT4 24214	20.96 1.44 0.64	27.92 2.11 0.00	27.41 2.00 0.00	27.36 2.06 0.00	28.22 2.01 0.00	32.00 2.51 0.00	48.55 4.50 0.00	41.79 4.41 0.00	31.34 2.73 0.00	30.09 2.08 0.00	28.58 2.31 -0.01	38.32 3.31 -0.05	45.63 3.48 -4.56	44.22 3.75 0.00	43.08 3.75 -0.01	41.79 3.55 0.00	38.07 3.68 0.00	46.97 4.45 -0.46	45.70 3.31 -9.36	41.78 3.28 0.00	37.05 2.96 0.00	35.05 2.95 -0.86	33.01 2.37 0.00	35.64 2.08 0.00
PROJECT___ORANGE I 24174	19.87 -0.30 0.00	25.41 -0.40 0.00	25.02 -0.39 0.00	24.88 -0.43 0.00	25.76 -0.46 0.00	29.06 -0.43 0.00	43.72 -0.33 0.00	37.10 -0.28 0.00	28.36 -0.25 0.00	27.67 -0.35 0.00	25.93 -0.32 0.00	34.44 -0.52 0.00	37.07 -0.53 0.00	39.89 -0.58 0.00	38.82 -0.50 0.00	37.80 -0.44 0.00	34.09 -0.30 0.00	41.84 -0.31 -0.09	34.42 -0.40 -1.79	37.86 -0.64 0.00	33.49 -0.60 0.00	30.58 -0.66 0.00	29.97 -0.66 0.00	32.94 -0.62 0.00

PROJECT___ORANGE 2 24166	19.87 -0.30 0.00	25.41 -0.40 0.00	25.02 -0.39 0.00	24.88 -0.43 0.00	25.76 -0.46 0.00	29.06 -0.43 0.00	43.72 -0.33 0.00	37.10 -0.28 0.00	28.36 -0.25 0.00	27.67 -0.35 0.00	25.93 -0.32 0.00	34.44 -0.52 0.00	37.07 -0.53 0.00	39.89 -0.58 0.00	38.82 -0.50 0.00	37.80 -0.44 0.00	34.09 -0.30 0.00	41.84 -0.31 -0.09	34.42 -0.40 -1.79	37.86 -0.64 0.00	33.49 -0.60 0.00	30.58 -0.66 0.00	29.97 -0.66 0.00	32.94 -0.62 0.00
PUCKETT___SOLAR 323809	20.20 0.03 0.00	25.89 0.08 0.00	25.52 0.11 0.00	25.38 0.08 0.00	26.30 0.08 0.00	29.87 0.39 0.00	48.84 1.17 -3.63	38.51 1.13 0.00	30.64 0.76 -1.27	30.65 0.67 -1.97	27.38 0.61 -0.51	36.49 0.70 -0.82	39.34 0.76 -0.99	42.29 1.00 -0.83	42.47 1.12 -2.04	40.07 1.09 -0.74	35.40 0.91 -0.10	43.65 1.39 -0.20	38.06 0.92 -4.11	42.15 0.79 -2.85	35.90 0.60 -1.20	32.88 0.41 -1.23	31.21 0.37 -0.20	34.24 0.35 -0.33
PYRITES___HYD 24023	25.96 0.22 -5.57	32.43 0.31 -6.31	30.94 0.31 -5.21	25.66 0.35 0.00	26.70 0.48 0.00	30.05 0.56 0.00	44.83 0.78 0.00	37.97 0.59 0.00	29.23 0.62 0.00	28.92 0.91 0.00	27.12 0.86 0.00	36.31 1.35 0.00	39.05 1.45 0.00	42.14 1.67 0.00	40.88 1.57 0.00	39.46 1.22 0.00	34.81 0.42 0.00	42.20 0.12 -0.01	33.87 0.56 -0.28	39.64 1.14 0.00	35.14 1.05 0.00	32.68 1.44 0.00	32.11 1.48 0.00	35.33 1.77 0.00
QUAKERRD_115KV_BK1 80622	19.15 -1.01 0.00	24.45 -1.36 0.00	24.11 -1.30 0.00	23.93 -1.37 0.00	24.97 -1.25 0.00	28.26 -1.23 0.00	42.59 -1.47 0.00	35.91 -1.47 0.00	27.58 -1.03 0.00	26.94 -1.08 0.00	25.20 -1.06 0.00	33.48 -1.49 0.00	36.13 -1.47 0.00	38.83 -1.63 0.00	37.83 -1.49 0.00	36.75 -1.49 0.00	33.04 -1.34 0.00	40.56 -1.61 -0.10	33.64 -1.51 -2.12	36.66 -1.84 0.00	32.40 -1.70 0.00	29.62 -1.62 0.00	29.12 -1.51 0.00	32.03 -1.53 0.00
QUENSBRY_115KV_TB8 356137	20.82 0.66 0.00	26.65 0.84 0.00	26.21 0.80 0.00	26.15 0.84 0.00	27.13 0.91 0.00	30.69 1.20 0.00	46.06 2.01 0.00	39.38 2.01 0.00	29.86 1.25 0.00	28.85 0.84 0.00	26.98 0.72 0.00	35.99 1.03 0.00	38.74 1.15 0.00	41.80 1.33 0.00	40.64 1.32 0.00	39.70 1.46 0.00	36.39 2.00 0.00	45.07 2.43 -0.57	46.30 1.63 -11.64	40.49 1.98 0.00	36.02 1.92 0.00	32.88 1.64 0.00	32.19 1.57 0.00	35.07 1.51 0.00
RAMAPO___LBMP 323565	20.79 0.63 0.00	26.64 0.83 0.00	26.28 0.86 0.00	26.23 0.93 0.00	27.10 0.89 0.00	30.61 1.13 0.00	46.24 2.19 0.00	39.69 2.31 0.00	30.06 1.45 0.00	29.14 1.12 0.00	27.45 1.19 0.00	36.45 1.49 0.00	39.13 1.53 0.00	42.00 1.53 0.00	40.75 1.44 0.00	39.83 1.60 0.00	36.37 1.99 0.00	45.16 2.65 -0.45	43.93 1.86 -9.04	40.05 1.55 0.00	35.39 1.30 0.00	32.30 1.06 0.00	31.49 0.86 0.00	34.28 0.72 0.00
RANKINE____ 23646	19.28 -0.88 0.00	24.56 -1.25 0.00	24.31 -1.10 0.00	24.10 -1.21 0.00	25.36 -0.86 0.00	28.89 -0.60 0.00	43.66 -0.39 0.00	36.48 -0.89 0.00	28.15 -0.46 0.00	27.52 -0.49 0.00	25.66 -0.60 0.00	34.12 -0.84 0.00	37.08 -0.52 0.00	39.89 -0.57 0.00	38.98 -0.34 0.00	37.82 -0.42 0.00	33.66 -0.73 0.00	41.40 -0.78 -0.12	34.49 -1.05 -2.51	37.38 -1.13 0.00	33.06 -1.03 0.00	30.25 -1.00 0.00	29.90 -0.73 0.00	32.96 -0.60 0.00
RAVENSWOOD_GT2_1 24244	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.31 1.10 0.00	30.89 1.40 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.60 2.01 0.00	42.47 2.00 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD_GT2_2 24245	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.31 1.10 0.00	30.89 1.40 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.60 2.01 0.00	42.47 2.00 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD_GT2_3 24246	21.02 0.85 0.00	26.91 1.10 0.00	26.51 1.09 0.00	26.45 1.15 0.00	27.33 1.11 0.00	30.90 1.41 0.00	46.73 2.67 0.00	40.15 2.77 0.00	30.42 1.81 0.00	29.50 1.49 0.00	27.82 1.57 0.00	36.93 1.97 0.00	39.63 2.03 0.00	42.49 2.02 0.00	41.23 1.91 0.00	40.33 2.09 0.00	36.86 2.47 0.00	45.72 3.20 -0.46	44.71 2.32 -9.36	40.52 2.02 0.00	35.81 1.72 0.00	32.70 1.46 0.00	31.84 1.21 0.00	34.56 1.00 0.00
RAVENSWOOD_GT2_4 24247	21.02 0.85 0.00	26.91 1.10 0.00	26.51 1.09 0.00	26.45 1.15 0.00	27.33 1.11 0.00	30.90 1.41 0.00	46.73 2.67 0.00	40.15 2.77 0.00	30.42 1.81 0.00	29.50 1.49 0.00	27.82 1.57 0.00	36.93 1.97 0.00	39.63 2.03 0.00	42.49 2.02 0.00	41.23 1.91 0.00	40.33 2.09 0.00	36.86 2.47 0.00	45.72 3.20 -0.46	44.71 2.32 -9.36	40.52 2.02 0.00	35.81 1.72 0.00	32.70 1.46 0.00	31.84 1.21 0.00	34.56 1.00 0.00
RAVENSWOOD_GT3_1 24248	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.31 1.10 0.00	30.89 1.40 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.61 2.01 0.00	42.47 2.00 0.00	41.27 1.95 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD_GT3_2 24249	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.31 1.10 0.00	30.89 1.40 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.61 2.01 0.00	42.47 2.00 0.00	41.27 1.95 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD_GT3_3 24250	21.03 0.87 0.00	26.93 1.12 0.00	26.53 1.12 0.00	26.47 1.17 0.00	27.35 1.13 0.00	30.93 1.44 0.00	46.78 2.73 0.00	40.19 2.81 0.00	30.45 1.84 0.00	29.53 1.52 0.00	27.86 1.60 0.00	36.97 2.00 0.00	39.67 2.08 0.00	42.54 2.08 0.00	41.28 1.96 0.00	40.38 2.14 0.00	36.91 2.52 0.00	45.78 3.26 -0.46	44.76 2.36 -9.36	40.58 2.07 0.00	35.85 1.76 0.00	32.73 1.49 0.00	31.87 1.25 0.00	34.59 1.03 0.00
RAVENSWOOD_GT3_4 24251	21.03 0.87 0.00	26.93 1.12 0.00	26.53 1.12 0.00	26.47 1.17 0.00	27.35 1.13 0.00	30.93 1.44 0.00	46.78 2.73 0.00	40.19 2.81 0.00	30.45 1.84 0.00	29.53 1.52 0.00	27.86 1.60 0.00	36.97 2.00 0.00	39.67 2.08 0.00	42.54 2.08 0.00	41.28 1.96 0.00	40.38 2.14 0.00	36.91 2.52 0.00	45.78 3.26 -0.46	44.76 2.36 -9.36	40.58 2.07 0.00	35.85 1.76 0.00	32.73 1.49 0.00	31.87 1.25 0.00	34.59 1.03 0.00

RAVENSWOOD_GT_1 23729	21.04 0.88 0.00	26.92 1.11 0.00	26.52 1.10 0.00	26.46 1.16 0.00	27.33 1.11 0.00	30.92 1.43 0.00	46.76 2.71 0.00	40.22 2.85 0.00	30.48 1.87 0.00	29.56 1.54 0.00	27.89 1.63 0.00	36.99 2.03 0.00	39.70 2.11 0.00	42.55 2.08 0.00	41.28 1.96 0.00	40.40 2.16 0.00	36.92 2.53 0.00	45.78 3.26 -0.46	44.76 2.36 -9.36	40.58 2.07 0.00	35.85 1.75 0.00	32.72 1.48 0.00	31.87 1.24 0.00	34.57 1.01 0.00
RAVENSWOOD_GT_10 24258	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.32 1.10 0.00	30.90 1.41 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.60 2.01 0.00	42.47 2.00 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD_GT_11 24259	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.32 1.10 0.00	30.90 1.41 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.60 2.01 0.00	42.47 2.00 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD_GT_4 24252	21.01 0.85 0.00	26.91 1.10 0.00	26.51 1.09 0.00	26.45 1.15 0.00	27.33 1.11 0.00	30.90 1.41 0.00	46.73 2.67 0.00	40.14 2.77 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.56 0.00	36.91 1.95 0.00	39.61 2.02 0.00	42.48 2.02 0.00	41.21 1.89 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.52 2.01 0.00	35.80 1.71 0.00	32.69 1.45 0.00	31.84 1.21 0.00	34.55 0.99 0.00
RAVENSWOOD_GT_5 24254	21.01 0.85 0.00	26.91 1.10 0.00	26.51 1.09 0.00	26.45 1.15 0.00	27.33 1.11 0.00	30.90 1.41 0.00	46.73 2.67 0.00	40.14 2.77 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.56 0.00	36.91 1.95 0.00	39.61 2.02 0.00	42.48 2.02 0.00	41.21 1.89 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.52 2.01 0.00	35.80 1.71 0.00	32.69 1.45 0.00	31.84 1.21 0.00	34.55 0.99 0.00
RAVENSWOOD_GT_6 24253	21.01 0.85 0.00	26.91 1.10 0.00	26.51 1.09 0.00	26.45 1.15 0.00	27.33 1.11 0.00	30.90 1.41 0.00	46.73 2.67 0.00	40.14 2.77 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.56 0.00	36.91 1.95 0.00	39.61 2.02 0.00	42.48 2.02 0.00	41.21 1.89 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.52 2.01 0.00	35.80 1.71 0.00	32.69 1.45 0.00	31.84 1.21 0.00	34.55 0.99 0.00
RAVENSWOOD_GT_7 24255	21.01 0.85 0.00	26.91 1.10 0.00	26.51 1.09 0.00	26.45 1.15 0.00	27.33 1.11 0.00	30.90 1.41 0.00	46.73 2.67 0.00	40.14 2.77 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.56 0.00	36.91 1.95 0.00	39.61 2.02 0.00	42.48 2.02 0.00	41.21 1.89 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.52 2.01 0.00	35.80 1.71 0.00	32.69 1.45 0.00	31.84 1.21 0.00	34.55 0.99 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.32 1.10 0.00	30.90 1.41 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.60 2.01 0.00	42.47 2.00 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD_GT_9 24257	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.32 1.10 0.00	30.90 1.41 0.00	46.70 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.81 1.55 0.00	36.91 1.94 0.00	39.60 2.01 0.00	42.47 2.00 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.84 2.45 0.00	45.71 3.19 -0.46	44.70 2.31 -9.36	40.50 2.00 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.55 0.99 0.00
RAVENSWOOD___1 23533	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.42 1.11 0.00	27.28 1.07 0.00	30.86 1.38 0.00	46.68 2.62 0.00	40.14 2.77 0.00	30.42 1.81 0.00	29.50 1.48 0.00	27.82 1.56 0.00	36.91 1.95 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.19 1.87 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.69 2.30 -9.36	40.49 1.98 0.00	35.77 1.68 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.50 0.94 0.00
RAVENSWOOD___2 23534	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.42 1.11 0.00	27.28 1.07 0.00	30.86 1.38 0.00	46.68 2.62 0.00	40.14 2.77 0.00	30.42 1.81 0.00	29.50 1.48 0.00	27.82 1.56 0.00	36.91 1.95 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.19 1.87 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.69 2.30 -9.36	40.49 1.98 0.00	35.77 1.68 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.50 0.94 0.00
RAVENSWOOD___3 23535	21.01 0.85 0.00	26.90 1.09 0.00	26.50 1.09 0.00	26.44 1.13 0.00	27.32 1.10 0.00	30.89 1.41 0.00	46.71 2.65 0.00	40.14 2.76 0.00	30.41 1.80 0.00	29.48 1.47 0.00	27.81 1.56 0.00	36.91 1.94 0.00	39.60 2.01 0.00	42.48 2.01 0.00	41.20 1.88 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.70 3.18 -0.46	44.70 2.30 -9.36	40.50 1.99 0.00	35.79 1.70 0.00	32.68 1.44 0.00	31.83 1.20 0.00	34.54 0.98 0.00
RAVENSWOOD___4 23820	21.01 0.84 0.00	26.87 1.06 0.00	26.47 1.06 0.00	26.42 1.11 0.00	27.28 1.07 0.00	30.86 1.38 0.00	46.68 2.62 0.00	40.14 2.77 0.00	30.42 1.81 0.00	29.50 1.48 0.00	27.82 1.56 0.00	36.91 1.95 0.00	39.62 2.02 0.00	42.46 1.99 0.00	41.19 1.87 0.00	40.31 2.07 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.69 2.30 -9.36	40.49 1.98 0.00	35.77 1.68 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.50 0.94 0.00
RCPI_TRUST___DRP 24196	21.03 0.87 0.00	26.93 1.12 0.00	26.53 1.12 0.00	26.47 1.17 0.00	27.35 1.14 0.00	30.94 1.45 0.00	46.82 2.77 0.00	40.22 2.84 0.00	30.46 1.85 0.00	29.55 1.53 0.00	27.88 1.62 0.00	37.00 2.04 0.00	39.69 2.10 0.00	42.55 2.08 0.00	41.28 1.96 0.00	40.40 2.16 0.00	36.93 2.54 0.00	45.81 3.29 -0.46	44.77 2.38 -9.36	40.58 2.07 0.00	35.85 1.75 0.00	32.73 1.49 0.00	31.87 1.24 0.00	34.58 1.02 0.00
RED___ROCHESTER 323720	19.61 -0.56 0.00	25.01 -0.80 0.00	24.67 -0.74 0.00	24.47 -0.83 0.00	25.59 -0.62 0.00	29.00 -0.49 0.00	39.39 -0.27 4.39	36.85 -0.53 0.00	26.82 -0.26 1.54	25.34 -0.30 2.38	25.28 -0.35 0.62	33.42 -0.54 1.00	36.00 -0.40 1.20	38.96 -0.50 1.00	36.48 -0.37 2.47	36.93 -0.41 0.90	33.82 -0.45 0.12	41.69 -0.47 -0.11	34.50 -0.68 -2.15	34.13 -0.83 3.55	31.77 -0.82 1.50	28.90 -0.81 1.53	29.68 -0.70 0.25	32.50 -0.65 0.42

REGAN____SOLAR 323812	22.07 1.91 0.00	28.29 2.48 0.00	27.82 2.41 0.00	27.70 2.39 0.00	28.78 2.57 0.00	32.73 3.25 0.00	49.58 5.52 0.00	42.14 4.76 0.00	32.07 3.45 0.00	30.71 2.70 0.00	28.59 2.33 0.00	37.99 3.02 0.00	41.59 4.00 0.00	44.95 4.49 0.00	43.85 4.53 0.00	42.91 4.67 0.00	38.81 4.42 0.00	48.23 5.52 -0.65	50.41 4.18 -13.19	43.21 4.70 0.00	38.16 4.06 0.00	34.87 3.63 0.00	33.94 3.31 0.00	37.05 3.49 0.00
RENSSELAER____COGEN 23796	20.60 0.44 0.00	26.44 0.63 0.00	26.05 0.64 0.00	26.00 0.70 0.00	26.90 0.69 0.00	30.12 0.64 0.00	45.15 1.10 0.00	38.54 1.17 0.00	29.27 0.66 0.00	28.38 0.36 0.00	26.58 0.32 0.00	35.35 0.39 0.00	38.01 0.41 0.00	40.93 0.46 0.00	39.80 0.48 0.00	38.93 0.70 0.00	35.49 1.11 0.00	43.93 1.32 -0.55	45.18 0.86 -11.28	39.02 0.51 0.00	34.58 0.49 0.00	31.55 0.31 0.00	30.88 0.24 0.00	33.65 0.08 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.17 1.00 0.00	27.04 1.23 0.00	26.63 1.22 0.00	26.53 1.23 0.00	27.59 1.38 0.00	31.41 1.92 0.00	47.04 2.99 0.00	40.36 2.98 0.00	30.51 1.90 0.00	29.33 1.31 0.00	27.38 1.12 0.00	36.53 1.57 0.00	39.36 1.76 0.00	42.64 2.18 0.00	41.52 2.20 0.00	40.92 2.68 0.00	37.94 3.55 0.00	46.60 3.97 -0.57	47.35 2.68 -11.63	41.31 2.80 0.00	37.02 2.92 0.00	33.72 2.48 0.00	33.16 2.53 0.00	36.13 2.57 0.00
REVERE_CPPR_DRP 24186	20.54 0.37 0.00	26.36 0.55 0.00	25.96 0.55 0.00	25.84 0.54 0.00	26.80 0.58 0.00	30.24 0.76 0.00	45.64 1.59 0.00	38.91 1.53 0.00	29.79 1.18 0.00	29.22 1.21 0.00	27.45 1.19 0.00	36.35 1.39 0.00	39.25 1.65 0.00	42.27 1.80 0.00	41.09 1.77 0.00	39.93 1.69 0.00	35.97 1.58 0.00	44.06 1.95 -0.05	35.43 1.43 -0.96	40.04 1.54 0.00	35.37 1.28 0.00	32.33 1.09 0.00	31.65 1.02 0.00	34.60 1.03 0.00
REYNOLDS_115KV_TB3 80639	20.76 0.60 0.00	26.62 0.81 0.00	26.22 0.80 0.00	26.16 0.85 0.00	27.07 0.86 0.00	30.36 0.87 0.00	45.50 1.44 0.00	38.83 1.45 0.00	29.47 0.86 0.00	28.56 0.54 0.00	26.75 0.49 0.00	35.57 0.61 0.00	38.25 0.65 0.00	41.18 0.72 0.00	40.06 0.74 0.00	39.20 0.96 0.00	35.74 1.35 0.00	44.22 1.61 -0.56	45.41 1.09 -11.30	39.25 0.74 0.00	34.82 0.73 0.00	31.77 0.53 0.00	31.09 0.46 0.00	33.87 0.31 0.00
RIVERBAY____ 323610	21.15 0.99 0.00	27.07 1.26 0.00	26.68 1.27 0.00	26.64 1.34 0.00	27.53 1.32 0.00	31.12 1.64 0.00	47.12 3.07 0.00	40.53 3.15 0.00	30.66 2.05 0.00	29.73 1.72 0.00	28.03 1.77 0.00	37.14 2.17 0.00	39.80 2.20 0.00	42.66 2.19 0.00	41.36 2.04 0.00	40.50 2.26 0.00	37.02 2.63 0.00	45.93 3.41 -0.46	44.85 2.46 -9.36	40.68 2.17 0.00	35.96 1.86 0.00	32.84 1.60 0.00	31.99 1.36 0.00	34.69 1.13 0.00
RIVERSDE_115KV_TB3 55908	20.70 0.53 0.00	26.55 0.74 0.00	26.14 0.73 0.00	26.09 0.79 0.00	27.00 0.79 0.00	30.26 0.77 0.00	45.36 1.31 0.00	38.70 1.32 0.00	29.40 0.78 0.00	28.50 0.48 0.00	26.69 0.43 0.00	35.49 0.53 0.00	38.18 0.58 0.00	41.10 0.63 0.00	39.98 0.66 0.00	39.12 0.88 0.00	35.66 1.27 0.00	44.13 1.51 -0.56	45.36 1.01 -11.32	39.18 0.67 0.00	34.73 0.63 0.00	31.69 0.45 0.00	31.01 0.38 0.00	33.78 0.22 0.00
ROARING____BROOK_WT_PWR 323790	19.66 -0.51 0.00	25.22 -0.59 0.00	24.90 -0.52 0.00	24.74 -0.57 0.00	25.64 -0.57 0.00	28.81 -0.68 0.00	43.01 -1.04 0.00	36.49 -0.89 0.00	28.02 -0.59 0.00	27.81 -0.21 0.00	26.12 -0.14 0.00	34.88 -0.08 0.00	37.53 -0.07 0.00	40.26 -0.21 0.00	38.98 -0.34 0.00	37.81 -0.43 0.00	33.93 -0.46 0.00	41.57 -0.49 0.00	32.69 -0.34 0.00	38.18 -0.32 0.00	33.95 -0.14 0.00	31.36 0.12 0.00	30.79 0.15 0.00	33.68 0.11 0.00
ROCHESRG_115KV_T4 355643	19.43 -0.74 0.00	24.77 -1.04 0.00	24.45 -0.97 0.00	24.25 -1.05 0.00	25.35 -0.86 0.00	28.72 -0.77 0.00	43.31 -0.74 0.00	36.42 -0.95 0.00	28.02 -0.60 0.00	27.37 -0.64 0.00	25.59 -0.67 0.00	33.98 -0.98 0.00	36.72 -0.88 0.00	39.46 -1.01 0.00	38.45 -0.87 0.00	37.34 -0.90 0.00	33.51 -0.88 0.00	41.15 -1.02 -0.11	34.09 -1.08 -2.15	37.19 -1.31 0.00	32.87 -1.23 0.00	30.06 -1.19 0.00	29.61 -1.02 0.00	32.59 -0.97 0.00
ROCHESTER_9_IC 23652	19.53 -0.64 0.00	24.91 -0.90 0.00	24.57 -0.84 0.00	24.38 -0.93 0.00	25.49 -0.73 0.00	28.89 -0.60 0.00	43.58 -0.47 0.00	36.67 -0.71 0.00	28.21 -0.40 0.00	27.57 -0.45 0.00	25.77 -0.49 0.00	34.23 -0.74 0.00	36.98 -0.62 0.00	39.74 -0.73 0.00	38.72 -0.60 0.00	37.61 -0.63 0.00	33.75 -0.64 0.00	41.44 -0.73 -0.11	34.31 -0.87 -2.15	37.46 -1.05 0.00	33.09 -1.01 0.00	30.25 -0.99 0.00	29.78 -0.85 0.00	32.77 -0.79 0.00
ROCKVIEW_13_KV_LD 356306	21.05 0.88 0.00	26.95 1.14 0.00	26.55 1.13 0.00	26.49 1.19 0.00	27.38 1.16 0.00	30.95 1.46 0.00	46.77 2.72 0.00	40.16 2.78 0.00	30.41 1.80 0.00	29.49 1.47 0.00	27.80 1.54 0.00	36.92 1.95 0.00	39.62 2.02 0.00	42.52 2.05 0.00	41.25 1.93 0.00	40.33 2.09 0.00	36.85 2.46 0.00	45.73 3.21 -0.46	44.70 2.31 -9.36	40.55 2.05 0.00	35.85 1.75 0.00	32.71 1.47 0.00	31.87 1.24 0.00	34.63 1.06 0.00
ROME____115KV_TB2 80656	20.54 0.37 0.00	26.36 0.55 0.00	25.96 0.55 0.00	25.84 0.54 0.00	26.80 0.58 0.00	30.24 0.76 0.00	45.64 1.59 0.00	38.91 1.53 0.00	29.79 1.18 0.00	29.22 1.21 0.00	27.45 1.19 0.00	36.35 1.39 0.00	39.25 1.65 0.00	42.27 1.80 0.00	41.09 1.77 0.00	39.93 1.69 0.00	35.97 1.58 0.00	44.06 1.95 -0.05	35.43 1.43 -0.96	40.04 1.54 0.00	35.37 1.28 0.00	32.33 1.09 0.00	31.65 1.02 0.00	34.60 1.03 0.00
ROSETON____1 23587	20.87 0.70 0.00	26.74 0.93 0.00	26.33 0.92 0.00	26.28 0.98 0.00	27.17 0.95 0.00	30.67 1.19 0.00	46.25 2.20 0.00	39.67 2.29 0.00	30.06 1.45 0.00	29.14 1.12 0.00	27.41 1.15 0.00	36.43 1.46 0.00	39.03 1.44 0.00	41.88 1.42 0.00	40.63 1.31 0.00	39.71 1.48 0.00	36.30 1.92 0.00	45.12 2.60 -0.46	44.15 1.84 -9.28	40.05 1.55 0.00	35.42 1.32 0.00	32.32 1.08 0.00	31.52 0.89 0.00	34.30 0.74 0.00
ROSETON____2 23588	20.87 0.70 0.00	26.74 0.93 0.00	26.33 0.92 0.00	26.28 0.98 0.00	27.17 0.95 0.00	30.67 1.19 0.00	46.25 2.20 0.00	39.67 2.29 0.00	30.06 1.45 0.00	29.14 1.12 0.00	27.41 1.15 0.00	36.43 1.46 0.00	39.03 1.44 0.00	41.88 1.42 0.00	40.63 1.31 0.00	39.71 1.48 0.00	36.30 1.92 0.00	45.12 2.60 -0.46	44.15 1.84 -9.28	40.05 1.55 0.00	35.42 1.32 0.00	32.32 1.08 0.00	31.52 0.89 0.00	34.30 0.74 0.00
ROTTDRAM_115KV_TB3 80664	20.83 0.66 0.00	26.68 0.87 0.00	26.24 0.83 0.00	26.16 0.85 0.00	27.09 0.88 0.00	30.51 1.02 0.00	45.78 1.73 0.00	39.06 1.68 0.00	29.69 1.08 0.00	28.83 0.81 0.00	27.01 0.75 0.00	35.94 0.98 0.00	38.70 1.10 0.00	41.66 1.19 0.00	40.51 1.19 0.00	39.56 1.32 0.00	35.98 1.59 0.00	44.60 1.96 -0.58	46.17 1.38 -11.76	39.79 1.28 0.00	35.25 1.15 0.00	32.20 0.96 0.00	31.49 0.86 0.00	34.38 0.82 0.00

RUSSELL___1 23602	19.61 -0.56 0.00	25.01 -0.80 0.00	24.67 -0.74 0.00	24.47 -0.83 0.00	25.59 -0.62 0.00	29.00 -0.49 0.00	43.77 -0.28 0.00	36.85 -0.53 0.00	28.35 -0.26 0.00	27.71 -0.31 0.00	25.90 -0.36 0.00	34.41 -0.56 0.00	37.18 -0.41 0.00	39.96 -0.51 0.00	38.94 -0.38 0.00	37.81 -0.42 0.00	33.94 -0.45 0.00	41.68 -0.48 -0.11	34.50 -0.68 -2.15	37.66 -0.85 0.00	33.27 -0.83 0.00	30.41 -0.82 0.00	29.93 -0.70 0.00	32.92 -0.64 0.00
RUSSELL___2 23532	19.61 -0.56 0.00	25.01 -0.80 0.00	24.67 -0.74 0.00	24.47 -0.83 0.00	25.59 -0.62 0.00	29.00 -0.49 0.00	43.77 -0.28 0.00	36.85 -0.53 0.00	28.35 -0.26 0.00	27.71 -0.31 0.00	25.90 -0.36 0.00	34.41 -0.56 0.00	37.18 -0.41 0.00	39.96 -0.51 0.00	38.94 -0.38 0.00	37.81 -0.42 0.00	33.94 -0.45 0.00	41.68 -0.48 -0.11	34.50 -0.68 -2.15	37.66 -0.85 0.00	33.27 -0.83 0.00	30.41 -0.82 0.00	29.93 -0.70 0.00	32.92 -0.64 0.00
RUSSELL___3 23549	19.61 -0.56 0.00	25.01 -0.80 0.00	24.67 -0.74 0.00	24.47 -0.83 0.00	25.59 -0.62 0.00	29.00 -0.49 0.00	43.77 -0.28 0.00	36.85 -0.53 0.00	28.35 -0.26 0.00	27.71 -0.31 0.00	25.90 -0.36 0.00	34.41 -0.56 0.00	37.18 -0.41 0.00	39.96 -0.51 0.00	38.94 -0.38 0.00	37.81 -0.42 0.00	33.94 -0.45 0.00	41.68 -0.48 -0.11	34.50 -0.68 -2.15	37.66 -0.85 0.00	33.27 -0.83 0.00	30.41 -0.82 0.00	29.93 -0.70 0.00	32.92 -0.64 0.00
RUSSELL___4 23556	19.61 -0.56 0.00	25.01 -0.80 0.00	24.67 -0.74 0.00	24.47 -0.83 0.00	25.59 -0.62 0.00	29.00 -0.49 0.00	43.77 -0.28 0.00	36.85 -0.53 0.00	28.35 -0.26 0.00	27.71 -0.31 0.00	25.90 -0.36 0.00	34.41 -0.56 0.00	37.18 -0.41 0.00	39.96 -0.51 0.00	38.94 -0.38 0.00	37.81 -0.42 0.00	33.94 -0.45 0.00	41.68 -0.48 -0.11	34.50 -0.68 -2.15	37.66 -0.85 0.00	33.27 -0.83 0.00	30.41 -0.82 0.00	29.93 -0.70 0.00	32.92 -0.64 0.00
RUSSELL___STATION 23914	19.61 -0.56 0.00	25.01 -0.80 0.00	24.67 -0.74 0.00	24.47 -0.83 0.00	25.59 -0.62 0.00	29.00 -0.49 0.00	43.77 -0.28 0.00	36.85 -0.53 0.00	28.35 -0.26 0.00	27.71 -0.31 0.00	25.90 -0.36 0.00	34.41 -0.56 0.00	37.18 -0.41 0.00	39.96 -0.51 0.00	38.94 -0.38 0.00	37.81 -0.42 0.00	33.94 -0.45 0.00	41.68 -0.48 -0.11	34.50 -0.68 -2.15	37.66 -0.85 0.00	33.27 -0.83 0.00	30.41 -0.82 0.00	29.93 -0.70 0.00	32.92 -0.64 0.00
S SALMON___HYD 24043	19.40 -0.77 0.00	24.83 -0.99 0.00	24.47 -0.94 0.00	24.40 -0.91 0.00	25.25 -0.97 0.00	28.46 -1.03 0.00	42.94 -1.11 0.00	36.66 -0.72 0.00	28.00 -0.61 0.00	27.47 -0.55 0.00	25.86 -0.40 0.00	34.34 -0.63 0.00	36.96 -0.64 0.00	39.73 -0.74 0.00	38.62 -0.70 0.00	37.45 -0.78 0.00	33.74 -0.65 0.00	41.47 -0.66 -0.07	33.99 -0.55 -1.51	37.69 -0.81 0.00	33.29 -0.80 0.00	30.49 -0.75 0.00	29.95 -0.68 0.00	32.91 -0.65 0.00
S.PERRY___115KV_TB1 80734	19.68 -0.48 0.00	25.13 -0.69 0.00	24.84 -0.57 0.00	24.73 -0.58 0.00	25.90 -0.32 0.00	29.53 0.05 0.00	45.00 0.94 0.00	38.06 0.69 0.00	29.09 0.48 0.00	28.44 0.42 0.00	26.61 0.35 0.00	35.28 0.31 0.00	38.21 0.62 0.00	41.33 0.86 0.00	40.36 1.05 0.00	39.29 1.05 0.00	35.17 0.78 0.00	43.18 0.99 -0.13	36.13 0.47 -2.62	38.98 0.47 0.00	34.40 0.30 0.00	31.34 0.10 0.00	30.83 0.20 0.00	33.84 0.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.08 -1.09 0.00	24.28 -1.53 0.00	24.03 -1.38 0.00	23.80 -1.50 0.00	25.08 -1.14 0.00	28.51 -0.97 0.00	43.06 -0.99 0.00	35.91 -1.47 0.00	27.74 -0.87 0.00	27.12 -0.90 0.00	25.27 -0.99 0.00	33.57 -1.40 0.00	36.44 -1.15 0.00	39.15 -1.32 0.00	38.25 -1.07 0.00	37.07 -1.17 0.00	33.04 -1.35 0.00	40.60 -1.59 -0.12	33.83 -1.66 -2.46	36.70 -1.81 0.00	32.44 -1.65 0.00	29.71 -1.53 0.00	29.40 -1.23 0.00	32.47 -1.09 0.00
SAWYER___23_KV_LOAD 55526	19.08 -1.09 0.00	24.28 -1.53 0.00	24.03 -1.38 0.00	23.80 -1.50 0.00	25.08 -1.14 0.00	28.51 -0.97 0.00	43.06 -0.99 0.00	35.91 -1.47 0.00	27.74 -0.87 0.00	27.12 -0.90 0.00	25.27 -0.99 0.00	33.57 -1.40 0.00	36.44 -1.15 0.00	39.15 -1.32 0.00	38.25 -1.07 0.00	37.07 -1.17 0.00	33.04 -1.35 0.00	40.60 -1.59 -0.12	33.83 -1.66 -2.46	36.70 -1.81 0.00	32.44 -1.65 0.00	29.71 -1.53 0.00	29.40 -1.23 0.00	32.47 -1.09 0.00
SELKIRK___I 23801	20.82 0.66 0.00	26.71 0.90 0.00	26.30 0.89 0.00	26.23 0.93 0.00	27.16 0.94 0.00	30.47 0.98 0.00	45.66 1.61 0.00	38.93 1.55 0.00	29.57 0.96 0.00	28.68 0.66 0.00	26.86 0.60 0.00	35.74 0.77 0.00	38.43 0.84 0.00	41.39 0.92 0.00	40.25 0.94 0.00	39.38 1.14 0.00	35.84 1.45 0.00	44.34 1.74 -0.55	45.36 1.19 -11.13	39.46 0.96 0.00	34.97 0.88 0.00	31.92 0.68 0.00	31.24 0.60 0.00	34.09 0.53 0.00
SELKIRK___II 23799	20.68 0.51 0.00	26.52 0.71 0.00	26.12 0.71 0.00	26.05 0.75 0.00	26.96 0.75 0.00	30.25 0.76 0.00	45.35 1.30 0.00	38.70 1.33 0.00	29.40 0.79 0.00	28.53 0.51 0.00	26.73 0.47 0.00	35.55 0.59 0.00	38.21 0.61 0.00	41.15 0.68 0.00	40.01 0.69 0.00	39.11 0.88 0.00	35.61 1.23 0.00	44.11 1.49 -0.55	45.28 1.01 -11.24	39.22 0.71 0.00	34.75 0.66 0.00	31.71 0.47 0.00	31.03 0.40 0.00	33.85 0.28 0.00
SENECA OSWGO___HYD 24041	19.70 -0.46 0.00	25.20 -0.61 0.00	24.82 -0.60 0.00	24.69 -0.62 0.00	25.53 -0.69 0.00	28.79 -0.69 0.00	43.29 -0.76 0.00	36.73 -0.64 0.00	28.08 -0.53 0.00	27.40 -0.62 0.00	25.69 -0.57 0.00	34.09 -0.87 0.00	36.70 -0.90 0.00	39.49 -0.98 0.00	38.42 -0.90 0.00	37.41 -0.83 0.00	33.73 -0.66 0.00	41.42 -0.72 -0.08	34.04 -0.68 -1.70	37.55 -0.95 0.00	33.21 -0.89 0.00	30.33 -0.91 0.00	29.74 -0.89 0.00	32.70 -0.86 0.00
SENECA___115KV_TB3 355854	19.31 -0.86 0.00	24.60 -1.21 0.00	24.35 -1.07 0.00	24.13 -1.17 0.00	25.40 -0.82 0.00	28.94 -0.55 0.00	43.73 -0.32 0.00	36.54 -0.83 0.00	28.20 -0.41 0.00	27.57 -0.44 0.00	25.71 -0.55 0.00	34.19 -0.77 0.00	37.15 -0.44 0.00	39.96 -0.50 0.00	39.05 -0.27 0.00	37.88 -0.36 0.00	33.72 -0.67 0.00	41.48 -0.70 -0.12	34.56 -0.99 -2.51	37.44 -1.06 0.00	33.12 -0.98 0.00	30.29 -0.95 0.00	29.95 -0.69 0.00	33.02 -0.54 0.00
SENECA___ENERGY 23797	19.69 -0.47 0.00	25.17 -0.64 0.00	24.80 -0.61 0.00	24.67 -0.63 0.00	25.65 -0.57 0.00	29.06 -0.43 0.00	43.87 -0.18 0.00	37.28 -0.10 0.00	28.51 -0.10 0.00	27.84 -0.18 0.00	26.10 -0.16 0.00	34.62 -0.35 0.00	37.28 -0.31 0.00	40.17 -0.30 0.00	39.14 -0.18 0.00	38.12 -0.12 0.00	34.32 -0.07 0.00	42.12 -0.05 -0.11	35.01 -0.21 -2.19	38.00 -0.51 0.00	33.63 -0.46 0.00	30.68 -0.56 0.00	30.04 -0.59 0.00	32.94 -0.62 0.00
SHOEMAKER___GT 23640	20.77 0.60 0.00	26.60 0.79 0.00	26.21 0.79 0.00	26.13 0.83 0.00	27.02 0.81 0.00	30.52 1.04 0.00	46.02 1.96 0.00	39.41 2.03 0.00	29.89 1.28 0.00	28.99 0.98 0.00	27.27 1.01 0.00	36.26 1.30 0.00	38.92 1.32 0.00	41.80 1.34 0.00	40.59 1.27 0.00	39.65 1.41 0.00	36.14 1.75 0.00	44.84 2.36 -0.43	43.34 1.66 -8.65	39.90 1.40 0.00	35.28 1.19 0.00	32.21 0.97 0.00	31.42 0.79 0.00	34.23 0.67 0.00

SHOEMAKR_138KV_BK 111 55601	20.75 0.59 0.00	26.59 0.78 0.00	26.18 0.77 0.00	26.12 0.82 0.00	27.01 0.79 0.00	30.50 1.02 0.00	45.99 1.94 0.00	39.39 2.02 0.00	29.87 1.26 0.00	28.99 0.97 0.00	27.26 1.00 0.00	36.24 1.28 0.00	38.90 1.31 0.00	41.78 1.31 0.00	40.57 1.25 0.00	39.62 1.39 0.00	36.13 1.74 0.00	44.83 2.34 -0.42	43.27 1.64 -8.60	39.88 1.38 0.00	35.26 1.16 0.00	32.18 0.94 0.00	31.40 0.77 0.00	34.20 0.64 0.00
SHOREHAM_IC_1 23715	20.96 1.44 0.64	27.92 2.11 0.00	27.41 2.00 0.00	27.36 2.06 0.00	28.22 2.01 0.00	32.00 2.51 0.00	48.55 4.50 0.00	41.79 4.41 0.00	31.34 2.73 0.00	30.09 2.08 0.00	28.58 2.31 -0.01	38.32 3.31 -0.05	45.63 3.48 -4.56	44.22 3.75 0.00	43.08 3.75 -0.01	41.79 3.55 0.00	38.07 3.68 0.00	46.97 4.45 -0.46	45.70 3.31 -9.36	41.78 3.28 0.00	37.05 2.96 0.00	35.05 2.95 -0.86	33.01 2.37 0.00	35.64 2.08 0.00
SHOREHAM_IC_2 23716	20.96 1.44 0.64	27.92 2.11 0.00	27.41 2.00 0.00	27.36 2.06 0.00	28.22 2.01 0.00	32.00 2.51 0.00	48.55 4.50 0.00	41.79 4.41 0.00	31.34 2.73 0.00	30.09 2.08 0.00	28.58 2.31 -0.01	38.32 3.31 -0.05	45.63 3.48 -4.56	44.22 3.75 0.00	43.08 3.75 -0.01	41.79 3.55 0.00	38.07 3.68 0.00	46.97 4.45 -0.46	45.70 3.31 -9.36	41.78 3.28 0.00	37.05 2.96 0.00	35.05 2.95 -0.86	33.01 2.37 0.00	35.64 2.08 0.00
SISSONVILLE____ 23735	26.16 -0.25 -6.24	32.54 -0.34 -7.07	30.94 -0.32 -5.84	25.05 -0.25 0.00	26.08 -0.13 0.00	29.37 -0.12 0.00	43.86 -0.20 0.00	37.16 -0.21 0.00	28.59 -0.02 0.00	28.30 0.28 0.00	26.55 0.29 0.00	35.53 0.56 0.00	38.23 0.64 0.00	41.24 0.78 0.00	40.05 0.73 0.00	38.62 0.39 0.00	33.97 -0.42 0.00	41.09 -0.98 -0.02	32.97 -0.35 -0.30	38.64 0.13 0.00	34.23 0.13 0.00	31.84 0.60 0.00	31.41 0.78 0.00	34.61 1.05 0.00
SITHE_IND_GS1 24169	19.54 -0.62 0.00	25.00 -0.81 0.00	24.62 -0.79 0.00	24.48 -0.83 0.00	25.32 -0.90 0.00	28.50 -0.99 0.00	42.72 -1.33 0.00	36.19 -1.18 0.00	27.70 -0.91 0.00	27.04 -0.98 0.00	25.33 -0.93 0.00	33.62 -1.34 0.00	36.18 -1.41 0.00	38.92 -1.55 0.00	37.86 -1.45 0.00	36.85 -1.39 0.00	33.21 -1.18 0.00	40.72 -1.41 -0.07	33.29 -1.20 -1.45	36.97 -1.53 0.00	32.72 -1.37 0.00	29.94 -1.30 0.00	29.38 -1.25 0.00	32.35 -1.21 0.00
SITHE_IND_GS2 24170	19.54 -0.62 0.00	25.00 -0.81 0.00	24.62 -0.79 0.00	24.48 -0.83 0.00	25.32 -0.90 0.00	28.50 -0.99 0.00	42.72 -1.33 0.00	36.19 -1.18 0.00	27.70 -0.91 0.00	27.04 -0.98 0.00	25.33 -0.93 0.00	33.62 -1.34 0.00	36.18 -1.41 0.00	38.92 -1.55 0.00	37.86 -1.45 0.00	36.85 -1.39 0.00	33.21 -1.18 0.00	40.72 -1.41 -0.07	33.29 -1.20 -1.45	36.97 -1.53 0.00	32.72 -1.37 0.00	29.94 -1.30 0.00	29.38 -1.25 0.00	32.35 -1.21 0.00
SITHE_IND_GS3 24171	19.54 -0.62 0.00	25.00 -0.81 0.00	24.62 -0.79 0.00	24.48 -0.83 0.00	25.32 -0.90 0.00	28.50 -0.99 0.00	42.72 -1.33 0.00	36.19 -1.18 0.00	27.70 -0.91 0.00	27.04 -0.98 0.00	25.33 -0.93 0.00	33.62 -1.34 0.00	36.18 -1.41 0.00	38.92 -1.55 0.00	37.86 -1.45 0.00	36.85 -1.39 0.00	33.21 -1.18 0.00	40.72 -1.41 -0.07	33.29 -1.20 -1.45	36.97 -1.53 0.00	32.72 -1.37 0.00	29.94 -1.30 0.00	29.38 -1.25 0.00	32.35 -1.21 0.00
SITHE_IND_GS4 24172	19.54 -0.62 0.00	25.00 -0.81 0.00	24.62 -0.79 0.00	24.48 -0.83 0.00	25.32 -0.90 0.00	28.50 -0.99 0.00	42.72 -1.33 0.00	36.19 -1.18 0.00	27.70 -0.91 0.00	27.04 -0.98 0.00	25.33 -0.93 0.00	33.62 -1.34 0.00	36.18 -1.41 0.00	38.92 -1.55 0.00	37.86 -1.45 0.00	36.85 -1.39 0.00	33.21 -1.18 0.00	40.72 -1.41 -0.07	33.29 -1.20 -1.45	36.97 -1.53 0.00	32.72 -1.37 0.00	29.94 -1.30 0.00	29.38 -1.25 0.00	32.35 -1.21 0.00
SITHE____BATAVIA 24024	19.70 -0.47 0.00	25.07 -0.75 0.00	24.77 -0.64 0.00	24.54 -0.76 0.00	25.82 -0.40 0.00	29.37 -0.12 0.00	37.65 0.38 6.78	37.16 -0.21 0.00	26.34 0.09 2.37	24.40 0.06 3.68	25.22 -0.08 0.96	33.17 -0.26 1.54	35.79 0.04 1.84	38.87 -0.05 1.54	35.63 0.12 3.81	36.89 0.04 1.39	34.02 -0.19 0.18	41.97 -0.20 -0.11	34.75 -0.58 -2.30	32.41 -0.64 5.45	31.09 -0.70 2.31	28.20 -0.69 2.35	29.77 -0.47 0.39	32.59 -0.32 0.64
SITHE____INDEPEND 23800	19.54 -0.63 0.00	25.00 -0.81 0.00	24.62 -0.79 0.00	24.48 -0.83 0.00	25.32 -0.90 0.00	28.50 -0.99 0.00	42.72 -1.33 0.00	36.20 -1.18 0.00	27.70 -0.91 0.00	27.04 -0.98 0.00	25.33 -0.93 0.00	33.62 -1.34 0.00	36.18 -1.42 0.00	38.92 -1.55 0.00	37.86 -1.46 0.00	36.85 -1.39 0.00	33.21 -1.18 0.00	40.72 -1.41 -0.07	33.29 -1.20 -1.45	36.97 -1.53 0.00	32.72 -1.37 0.00	29.94 -1.30 0.00	29.38 -1.25 0.00	32.35 -1.22 0.00
SITHE____MASSENA 23902	21.49 0.17 -1.16	27.30 0.18 -1.31	26.68 0.18 -1.08	25.50 0.19 0.00	26.51 0.29 0.00	29.80 0.31 0.00	44.15 0.10 0.00	37.31 0.10 -0.07	28.71 0.10 0.00	28.34 0.32 0.00	26.53 0.27 0.00	35.50 0.54 0.00	38.18 0.59 0.00	41.19 0.72 0.00	39.98 0.66 0.00	38.67 0.43 0.00	34.30 -0.09 0.00	41.73 -0.33 0.00	33.11 0.07 0.00	39.08 0.57 0.00	34.67 0.57 0.00	32.09 0.85 0.00	31.56 0.93 0.00	34.64 1.07 0.00
SITHE____OGDNSBRG 24021	24.76 0.33 -4.27	31.06 0.41 -4.84	29.81 0.41 -3.99	25.73 0.43 0.00	26.76 0.55 0.00	30.12 0.63 0.00	44.80 0.75 0.00	37.89 0.51 0.00	29.18 0.57 0.00	28.84 0.83 0.00	27.02 0.76 0.00	36.18 1.22 0.00	38.91 1.31 0.00	41.99 1.52 0.00	40.75 1.43 0.00	39.35 1.11 0.00	34.79 0.40 0.00	42.25 0.17 -0.01	33.82 0.56 -0.24	39.68 1.18 0.00	35.19 1.10 0.00	32.66 1.42 0.00	32.09 1.46 0.00	35.26 1.70 0.00
SITHE____STERLING 23777	20.47 0.31 0.00	26.25 0.44 0.00	25.86 0.44 0.00	25.74 0.43 0.00	26.68 0.46 0.00	30.10 0.62 0.00	45.37 1.32 0.00	38.61 1.23 0.00	29.54 0.93 0.00	28.92 0.90 0.00	27.14 0.88 0.00	35.95 0.99 0.00	38.81 1.21 0.00	41.80 1.33 0.00	40.65 1.33 0.00	39.55 1.32 0.00	35.66 1.27 0.00	43.65 1.53 -0.05	35.21 1.07 -1.11	39.60 1.10 0.00	35.00 0.91 0.00	31.97 0.73 0.00	31.28 0.65 0.00	34.22 0.66 0.00
SLEIGHT__34_KV_TB1 80719	19.58 -0.59 0.00	25.01 -0.80 0.00	24.65 -0.76 0.00	24.48 -0.82 0.00	25.51 -0.70 0.00	28.88 -0.61 0.00	43.62 -0.43 0.00	36.87 -0.50 0.00	28.30 -0.31 0.00	27.64 -0.38 0.00	25.87 -0.39 0.00	34.36 -0.61 0.00	37.05 -0.54 0.00	39.85 -0.62 0.00	38.84 -0.48 0.00	37.75 -0.49 0.00	33.96 -0.43 0.00	41.69 -0.48 -0.10	34.54 -0.62 -2.12	37.64 -0.86 0.00	33.27 -0.82 0.00	30.38 -0.86 0.00	29.80 -0.84 0.00	32.74 -0.82 0.00
SOUTH CAIRO____GT 23612	21.43 1.27 0.00	27.55 1.74 0.00	27.13 1.71 0.00	27.07 1.77 0.00	28.06 1.84 0.00	31.50 2.01 0.00	47.33 3.28 0.00	40.40 3.02 0.00	30.63 2.02 0.00	29.43 1.42 0.00	27.52 1.27 0.00	36.75 1.79 0.00	39.58 1.99 0.00	42.78 2.31 0.00	41.79 2.47 0.00	41.02 2.78 0.00	37.43 3.04 0.00	46.26 3.66 -0.53	46.44 2.61 -10.79	41.08 2.57 0.00	36.35 2.25 0.00	33.08 1.84 0.00	32.33 1.70 0.00	35.20 1.64 0.00

SOUTH HAMPTN___IC 23720	21.24 1.73 0.65	28.28 2.47 0.00	27.77 2.36 0.00	27.71 2.41 0.00	28.61 2.40 0.00	32.47 2.99 0.00	49.28 5.23 0.00	42.42 5.05 0.00	31.81 3.19 0.00	30.53 2.51 0.00	28.99 2.72 -0.01	38.84 3.83 -0.05	46.23 4.09 -4.55	44.89 4.42 0.00	43.75 4.43 -0.01	42.46 4.22 0.00	38.69 4.30 0.00	47.76 5.24 -0.46	46.29 3.90 -9.36	42.45 3.94 0.00	37.63 3.53 0.00	35.54 3.45 -0.86	33.47 2.84 0.00	36.13 2.57 0.00
SOUTHDOW_115KV_TB1 355954	19.81 -0.35 0.00	25.30 -0.52 0.00	25.08 -0.33 0.00	24.88 -0.42 0.00	26.17 -0.04 0.00	30.01 0.52 0.00	45.70 1.65 0.00	38.34 0.96 0.00	29.48 0.87 0.00	28.76 0.74 0.00	26.83 0.57 0.00	35.77 0.81 0.00	39.10 1.50 0.00	42.17 1.70 0.00	41.09 1.77 0.00	39.84 1.60 0.00	34.85 0.46 0.00	43.64 1.45 -0.13	36.25 0.61 -2.61	39.20 0.69 0.00	34.72 0.63 0.00	31.68 0.43 0.00	31.18 0.55 0.00	34.22 0.66 0.00
SOUTHOLD_69_KV_BK 2 55809	21.47 1.96 0.65	28.56 2.75 0.00	28.06 2.65 0.00	27.99 2.69 0.00	28.89 2.68 0.00	32.83 3.34 0.00	49.87 5.82 0.00	42.93 5.55 0.00	32.17 3.56 0.00	30.87 2.85 0.00	29.29 3.02 -0.01	39.27 4.26 -0.05	46.71 4.56 -4.55	45.41 4.95 0.00	44.27 4.95 -0.01	43.01 4.77 0.00	39.20 4.81 0.00	48.39 5.87 -0.46	46.78 4.39 -9.36	43.00 4.50 0.00	38.09 4.00 0.00	35.95 3.85 -0.86	33.84 3.21 0.00	36.52 2.96 0.00
SOUTHOLD___IC 23719	21.47 1.96 0.65	28.56 2.76 0.00	28.05 2.64 0.00	27.99 2.69 0.00	28.90 2.69 0.00	32.82 3.34 0.00	49.88 5.83 0.00	42.93 5.55 0.00	32.17 3.56 0.00	30.87 2.85 0.00	29.29 3.02 -0.01	39.27 4.26 -0.05	46.71 4.56 -4.55	45.41 4.95 0.00	44.28 4.95 -0.01	42.99 4.75 0.00	39.20 4.81 0.00	48.39 5.87 -0.46	46.78 4.38 -9.36	42.99 4.48 0.00	38.09 4.00 0.00	35.95 3.85 -0.86	33.84 3.21 0.00	36.51 2.95 0.00
SOUTH_FORK_WT_PWR 323839	21.52 2.01 0.65	28.62 2.82 0.00	28.11 2.70 0.00	28.05 2.75 0.00	28.97 2.76 0.00	32.91 3.42 0.00	50.00 5.95 0.00	43.04 5.66 0.00	32.25 3.64 0.00	30.94 2.92 0.00	29.36 3.09 -0.01	39.35 4.34 -0.05	46.81 4.66 -4.55	45.52 5.05 0.00	44.39 5.07 -0.01	43.12 4.88 0.00	39.31 4.92 0.00	48.52 5.99 -0.46	46.88 4.48 -9.36	43.10 4.60 0.00	38.19 4.10 0.00	36.04 3.94 -0.86	33.92 3.29 0.00	36.60 3.04 0.00
SPIERFLS_115KV_TB 1 80737	20.64 0.47 0.00	26.41 0.60 0.00	25.98 0.56 0.00	25.91 0.60 0.00	26.87 0.65 0.00	30.33 0.85 0.00	45.54 1.49 0.00	38.88 1.51 0.00	29.51 0.90 0.00	28.54 0.52 0.00	26.70 0.44 0.00	35.71 0.75 0.00	38.50 0.91 0.00	41.52 1.05 0.00	40.37 1.06 0.00	39.39 1.15 0.00	36.05 1.66 0.00	44.70 2.06 -0.57	46.03 1.34 -11.65	40.26 1.75 0.00	35.82 1.73 0.00	32.73 1.49 0.00	32.02 1.39 0.00	34.89 1.33 0.00
ST LAWRENCE___ 23600	20.12 -0.05 0.00	25.70 -0.11 0.00	25.32 -0.10 0.00	25.21 -0.10 0.00	26.20 -0.02 0.00	29.43 -0.06 0.00	43.67 -0.38 0.00	36.90 -0.48 0.00	28.40 -0.21 0.00	28.02 0.00 0.00	26.22 -0.04 0.00	35.08 0.12 0.00	37.73 0.13 0.00	40.69 0.22 0.00	39.50 0.18 0.00	38.21 -0.02 0.00	33.95 -0.44 0.00	41.34 -0.72 0.00	32.79 -0.24 0.00	38.71 0.20 0.00	34.32 0.23 0.00	31.66 0.42 0.00	31.12 0.49 0.00	34.12 0.57 0.00
STATE_CA_115KV_115_LB 55624	20.71 0.54 0.00	26.55 0.74 0.00	26.16 0.75 0.00	26.11 0.80 0.00	27.01 0.80 0.00	30.26 0.78 0.00	45.38 1.33 0.00	38.74 1.37 0.00	29.43 0.82 0.00	28.55 0.53 0.00	26.74 0.48 0.00	35.57 0.60 0.00	38.25 0.66 0.00	41.19 0.73 0.00	40.06 0.74 0.00	39.18 0.94 0.00	35.73 1.34 0.00	44.22 1.60 -0.56	45.49 1.06 -11.39	39.26 0.75 0.00	34.79 0.70 0.00	31.74 0.50 0.00	31.04 0.41 0.00	33.82 0.26 0.00
STATE_ST_34_KV_LOAD 55959	20.01 -0.15 0.00	25.61 -0.20 0.00	25.23 -0.19 0.00	25.09 -0.21 0.00	26.01 -0.20 0.00	29.40 -0.08 0.00	44.32 0.27 0.00	37.61 0.24 0.00	28.84 0.22 0.00	28.16 0.14 0.00	26.40 0.15 0.00	35.06 0.09 0.00	37.69 0.09 0.00	40.58 0.12 0.00	39.59 0.27 0.00	38.52 0.28 0.00	34.73 0.34 0.00	42.67 0.50 -0.11	35.43 0.22 -2.17	38.44 -0.07 0.00	34.06 -0.03 0.00	31.12 -0.11 0.00	30.38 -0.25 0.00	33.33 -0.24 0.00
STATION 5_MISC_HYD 23604	19.53 -0.64 0.00	24.91 -0.91 0.00	24.57 -0.84 0.00	24.37 -0.93 0.00	25.49 -0.73 0.00	28.89 -0.60 0.00	39.19 -0.47 4.39	36.66 -0.71 0.00	26.67 -0.40 1.54	25.19 -0.44 2.38	25.15 -0.49 0.62	33.23 -0.73 1.00	35.79 -0.62 1.20	38.74 -0.73 1.00	36.26 -0.59 2.47	36.72 -0.62 0.90	33.63 -0.65 0.12	41.44 -0.72 -0.11	34.31 -0.87 -2.15	33.91 -1.04 3.55	31.60 -1.00 1.50	28.74 -0.98 1.53	29.53 -0.85 0.25	32.36 -0.79 0.42
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.77 -0.39 0.00	25.25 -0.56 0.00	24.90 -0.51 0.00	24.73 -0.58 0.00	25.79 -0.43 0.00	29.24 -0.25 0.00	44.16 0.10 0.00	37.34 -0.04 0.00	28.65 0.04 0.00	27.98 -0.04 0.00	26.19 -0.07 0.00	34.78 -0.18 0.00	37.52 -0.08 0.00	40.37 -0.09 0.00	39.34 0.02 0.00	38.23 0.00 0.00	34.38 -0.01 0.00	42.20 0.03 -0.11	34.97 -0.21 -2.15	38.11 -0.39 0.00	33.69 -0.41 0.00	30.75 -0.49 0.00	30.18 -0.45 0.00	33.14 -0.43 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.45 -0.72 0.00	24.81 -1.01 0.00	24.48 -0.94 0.00	24.28 -1.02 0.00	25.38 -0.84 0.00	28.75 -0.74 0.00	43.36 -0.69 0.00	36.52 -0.85 0.00	28.09 -0.52 0.00	27.45 -0.57 0.00	25.66 -0.60 0.00	34.10 -0.86 0.00	36.83 -0.77 0.00	39.58 -0.89 0.00	38.57 -0.75 0.00	37.47 -0.77 0.00	33.64 -0.75 0.00	41.30 -0.87 -0.11	34.22 -0.96 -2.14	37.32 -1.18 0.00	32.97 -1.12 0.00	30.14 -1.10 0.00	29.65 -0.98 0.00	32.62 -0.95 0.00
STA_56___34_KV_BUS2 355983	19.45 -0.72 0.00	24.81 -1.01 0.00	24.48 -0.94 0.00	24.28 -1.02 0.00	25.38 -0.84 0.00	28.75 -0.74 0.00	43.36 -0.69 0.00	36.52 -0.85 0.00	28.09 -0.52 0.00	27.45 -0.57 0.00	25.66 -0.60 0.00	34.10 -0.86 0.00	36.83 -0.77 0.00	39.58 -0.89 0.00	38.57 -0.75 0.00	37.47 -0.77 0.00	33.64 -0.75 0.00	41.30 -0.87 -0.11	34.22 -0.96 -2.14	37.32 -1.18 0.00	32.97 -1.12 0.00	30.14 -1.10 0.00	29.65 -0.98 0.00	32.62 -0.95 0.00
STA_67___115KV_BK2 355882	19.49 -0.68 0.00	24.86 -0.95 0.00	24.53 -0.88 0.00	24.33 -0.97 0.00	25.44 -0.77 0.00	28.82 -0.66 0.00	43.48 -0.57 0.00	36.58 -0.80 0.00	28.14 -0.48 0.00	27.50 -0.52 0.00	25.71 -0.55 0.00	34.14 -0.82 0.00	36.89 -0.71 0.00	39.64 -0.83 0.00	38.63 -0.69 0.00	37.52 -0.72 0.00	33.67 -0.73 0.00	41.34 -0.83 -0.11	34.24 -0.95 -2.15	37.35 -1.15 0.00	33.00 -1.09 0.00	30.17 -1.07 0.00	29.72 -0.91 0.00	32.71 -0.85 0.00
STA_7___115KV_9TRANS 80674	19.61 -0.56 0.00	25.01 -0.80 0.00	24.67 -0.74 0.00	24.47 -0.83 0.00	25.59 -0.62 0.00	29.00 -0.49 0.00	43.77 -0.28 0.00	36.85 -0.53 0.00	28.35 -0.26 0.00	27.71 -0.31 0.00	25.90 -0.36 0.00	34.41 -0.56 0.00	37.18 -0.41 0.00	39.96 -0.51 0.00	38.94 -0.38 0.00	37.81 -0.42 0.00	33.94 -0.45 0.00	41.68 -0.48 -0.11	34.50 -0.68 -2.15	37.66 -0.85 0.00	33.27 -0.83 0.00	30.41 -0.82 0.00	29.93 -0.70 0.00	32.92 -0.64 0.00

STA_82___115KV_TB1 80780	19.50 -0.67 0.00	24.87 -0.94 0.00	24.54 -0.87 0.00	24.34 -0.96 0.00	25.46 -0.75 0.00	28.84 -0.65 0.00	43.51 -0.55 0.00	36.60 -0.77 0.00	28.16 -0.45 0.00	27.52 -0.50 0.00	25.72 -0.54 0.00	34.16 -0.80 0.00	36.92 -0.68 0.00	39.67 -0.80 0.00	38.66 -0.66 0.00	37.54 -0.69 0.00	33.69 -0.70 0.00	41.37 -0.79 -0.11	34.27 -0.92 -2.16	37.38 -1.12 0.00	33.03 -1.07 0.00	30.21 -1.04 0.00	29.74 -0.89 0.00	32.73 -0.84 0.00
STEEL___WIND 323596	19.26 -0.90 0.00	24.55 -1.26 0.00	24.29 -1.13 0.00	24.07 -1.23 0.00	25.34 -0.87 0.00	28.87 -0.62 0.00	33.70 -0.41 9.95	36.50 -0.87 0.00	24.69 -0.44 3.48	22.16 -0.46 5.39	24.29 -0.57 1.40	31.89 -0.80 2.27	34.37 -0.49 2.74	37.60 -0.58 2.29	33.34 -0.32 5.66	35.80 -0.37 2.06	33.42 -0.70 0.27	41.45 -0.73 -0.12	34.52 -1.02 -2.51	29.35 -1.06 8.09	29.68 -0.99 3.42	26.80 -0.95 3.49	29.35 -0.70 0.58	32.05 -0.55 0.95
STEPHTWN_115KV_BK_2 55603	20.85 0.69 0.00	26.75 0.94 0.00	26.34 0.93 0.00	26.27 0.96 0.00	27.21 1.00 0.00	30.54 1.06 0.00	45.96 1.91 0.00	39.20 1.83 0.00	29.68 1.07 0.00	28.81 0.79 0.00	26.94 0.68 0.00	35.90 0.94 0.00	38.59 0.99 0.00	41.49 1.02 0.00	40.28 0.96 0.00	39.44 1.20 0.00	35.97 1.58 0.00	44.60 1.98 -0.55	45.68 1.37 -11.28	39.64 1.13 0.00	35.06 0.97 0.00	31.95 0.72 0.00	31.25 0.61 0.00	34.03 0.47 0.00
STEUBEN_REC_LFGE 323667	18.58 -1.58 0.00	23.83 -1.98 0.00	23.62 -1.79 0.00	23.71 -1.60 0.00	24.94 -1.28 0.00	28.58 -0.91 0.00	43.83 -0.22 0.00	37.19 -0.19 0.00	28.20 -0.41 0.00	27.62 -0.40 0.00	25.84 -0.42 0.00	34.24 -0.72 0.00	37.28 -0.31 0.00	40.80 0.34 0.00	40.06 0.74 0.00	38.86 0.63 0.00	34.46 0.07 0.00	42.12 -0.09 -0.15	35.75 -0.29 -3.01	38.00 -0.50 0.00	33.56 -0.53 0.00	30.41 -0.83 0.00	30.07 -0.56 0.00	33.00 -0.56 0.00
STILLWATER___SOLAR 323814	21.01 0.84 0.00	26.91 1.10 0.00	26.47 1.05 0.00	26.39 1.09 0.00	27.36 1.14 0.00	30.82 1.33 0.00	46.27 2.22 0.00	39.50 2.12 0.00	29.95 1.34 0.00	29.01 0.99 0.00	27.15 0.89 0.00	36.18 1.21 0.00	38.96 1.37 0.00	42.00 1.53 0.00	40.84 1.52 0.00	39.93 1.69 0.00	36.46 2.07 0.00	45.11 2.47 -0.57	46.36 1.74 -11.59	40.27 1.76 0.00	35.73 1.64 0.00	32.61 1.37 0.00	31.90 1.27 0.00	34.79 1.23 0.00
STONY___BROOK 24151	20.98 1.45 0.63	27.92 2.11 0.00	27.40 2.00 0.00	27.34 2.04 0.00	28.22 2.01 0.00	32.01 2.53 0.00	48.50 4.45 0.00	41.54 4.17 0.00	31.19 2.58 0.00	29.98 1.97 0.00	28.53 2.26 -0.01	38.18 3.17 -0.05	45.52 3.35 -4.58	44.04 3.58 0.00	42.90 3.57 -0.01	41.58 3.35 0.00	37.89 3.50 0.00	46.76 4.24 -0.46	45.55 3.15 -9.36	41.58 3.07 0.00	36.89 2.79 0.00	34.87 2.77 -0.86	32.85 2.22 0.00	35.47 1.91 0.00
STURGEON_POOL_HYD 23609	20.97 0.80 0.00	26.89 1.07 0.00	26.43 1.02 0.00	26.36 1.06 0.00	27.25 1.04 0.00	30.79 1.31 0.00	46.43 2.37 0.00	39.81 2.44 0.00	30.18 1.57 0.00	29.29 1.27 0.00	27.53 1.27 0.00	36.55 1.58 0.00	39.21 1.61 0.00	42.06 1.59 0.00	40.80 1.48 0.00	39.88 1.64 0.00	36.38 1.99 0.00	45.19 2.65 -0.48	44.66 1.90 -9.74	40.13 1.63 0.00	35.47 1.38 0.00	32.37 1.13 0.00	31.56 0.93 0.00	34.40 0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.80 0.64 0.00	26.64 0.83 0.00	26.26 0.85 0.00	26.21 0.90 0.00	27.09 0.87 0.00	30.60 1.11 0.00	46.17 2.12 0.00	39.59 2.22 0.00	30.01 1.40 0.00	29.11 1.09 0.00	27.40 1.14 0.00	36.41 1.45 0.00	39.07 1.48 0.00	41.95 1.48 0.00	40.71 1.39 0.00	39.78 1.54 0.00	36.31 1.92 0.00	45.07 2.57 -0.43	43.65 1.80 -8.82	40.03 1.53 0.00	35.38 1.29 0.00	32.29 1.05 0.00	31.48 0.86 0.00	34.28 0.72 0.00
SWANROAD_115KV_TB1 355699	18.88 -1.29 0.00	24.03 -1.79 0.00	23.77 -1.64 0.00	23.54 -1.77 0.00	24.83 -1.39 0.00	28.22 -1.27 0.00	42.48 -1.57 0.00	35.23 -2.14 0.00	27.27 -1.34 0.00	26.65 -1.37 0.00	24.81 -1.45 0.00	32.90 -2.06 0.00	35.67 -1.93 0.00	38.27 -2.20 0.00	37.38 -1.94 0.00	36.23 -2.00 0.00	32.28 -2.11 0.00	39.56 -2.62 -0.12	32.96 -2.48 -2.40	35.71 -2.80 0.00	31.52 -2.58 0.00	28.88 -2.36 0.00	28.75 -1.88 0.00	31.88 -1.69 0.00
SYNERGY___BIOGAS 323694	19.70 -0.47 0.00	25.07 -0.75 0.00	24.77 -0.64 0.00	24.54 -0.76 0.00	25.82 -0.40 0.00	29.37 -0.12 0.00	37.65 0.38 6.78	37.16 -0.21 0.00	26.34 0.09 2.37	24.40 0.06 3.68	25.22 -0.08 0.96	33.17 -0.26 1.54	35.79 0.04 1.84	38.87 -0.05 1.54	35.63 0.12 3.81	36.89 0.04 1.39	34.02 -0.19 0.18	41.97 -0.20 -0.11	34.75 -0.58 -2.30	32.41 -0.64 5.45	31.09 -0.70 2.31	28.20 -0.69 2.35	29.77 -0.47 0.39	32.59 -0.32 0.64
SYRACUSE___ENERGY_ST1 323597	19.98 -0.18 0.00	25.53 -0.29 0.00	25.13 -0.28 0.00	25.00 -0.30 0.00	25.87 -0.34 0.00	29.20 -0.29 0.00	43.95 -0.10 0.00	37.30 -0.07 0.00	28.51 -0.10 0.00	27.83 -0.19 0.00	26.09 -0.17 0.00	34.63 -0.33 0.00	37.26 -0.34 0.00	40.09 -0.38 0.00	39.03 -0.29 0.00	38.00 -0.24 0.00	34.27 -0.12 0.00	42.08 -0.08 -0.09	34.76 -0.20 -1.93	38.09 -0.42 0.00	33.70 -0.40 0.00	30.77 -0.47 0.00	30.14 -0.49 0.00	33.12 -0.45 0.00
SYRACUSE___ENERGY_ST2 323598	19.98 -0.18 0.00	25.53 -0.29 0.00	25.13 -0.28 0.00	25.00 -0.30 0.00	25.87 -0.34 0.00	29.20 -0.29 0.00	43.95 -0.10 0.00	37.30 -0.07 0.00	28.51 -0.10 0.00	27.83 -0.19 0.00	26.09 -0.17 0.00	34.63 -0.33 0.00	37.26 -0.34 0.00	40.09 -0.38 0.00	39.03 -0.29 0.00	38.00 -0.24 0.00	34.27 -0.12 0.00	42.08 -0.08 -0.09	34.76 -0.20 -1.93	38.09 -0.42 0.00	33.70 -0.40 0.00	30.77 -0.47 0.00	30.14 -0.49 0.00	33.12 -0.45 0.00
SYRACUSE___POWER 24017	19.95 -0.21 0.00	25.54 -0.27 0.00	25.14 -0.27 0.00	25.01 -0.30 0.00	25.89 -0.33 0.00	29.22 -0.27 0.00	43.99 -0.06 0.00	37.34 -0.04 0.00	28.54 -0.08 0.00	27.84 -0.18 0.00	26.10 -0.17 0.00	34.65 -0.31 0.00	37.29 -0.30 0.00	40.15 -0.32 0.00	39.07 -0.25 0.00	38.04 -0.20 0.00	34.32 -0.07 0.00	42.14 -0.01 -0.10	34.82 -0.17 -1.96	38.13 -0.37 0.00	33.72 -0.38 0.00	30.78 -0.46 0.00	30.17 -0.46 0.00	33.14 -0.42 0.00
TALLMAN___138KV_BK151 55660	20.82 0.66 0.00	26.69 0.88 0.00	26.33 0.91 0.00	26.28 0.98 0.00	27.16 0.94 0.00	30.68 1.19 0.00	46.36 2.31 0.00	39.80 2.43 0.00	30.14 1.53 0.00	29.21 1.19 0.00	27.54 1.28 0.00	36.56 1.60 0.00	39.24 1.65 0.00	42.13 1.66 0.00	40.87 1.56 0.00	39.95 1.71 0.00	36.49 2.10 0.00	45.30 2.79 -0.44	44.01 1.96 -9.02	40.15 1.65 0.00	35.49 1.40 0.00	32.39 1.15 0.00	31.57 0.94 0.00	34.36 0.80 0.00
TEALLAVE_115KV_TB7 355573	19.85 -0.32 0.00	25.39 -0.42 0.00	25.01 -0.41 0.00	24.87 -0.44 0.00	25.74 -0.48 0.00	29.03 -0.45 0.00	43.69 -0.36 0.00	37.07 -0.30 0.00	28.35 -0.27 0.00	27.65 -0.36 0.00	25.92 -0.34 0.00	34.43 -0.53 0.00	37.05 -0.55 0.00	39.86 -0.61 0.00	38.79 -0.53 0.00	37.77 -0.47 0.00	34.06 -0.33 0.00	41.81 -0.34 -0.09	34.39 -0.42 -1.77	37.83 -0.67 0.00	33.46 -0.63 0.00	30.56 -0.68 0.00	29.96 -0.68 0.00	32.92 -0.64 0.00

TELGRAPH_34_KV_EAST 80808	19.29 -0.87 0.00	24.56 -1.25 0.00	24.28 -1.13 0.00	24.06 -1.25 0.00	25.35 -0.87 0.00	28.82 -0.66 0.00	43.50 -0.55 0.00	36.25 -1.12 0.00	28.04 -0.57 0.00	27.41 -0.61 0.00	25.53 -0.73 0.00	33.87 -1.09 0.00	36.72 -0.87 0.00	39.43 -1.03 0.00	38.50 -0.82 0.00	37.33 -0.91 0.00	33.31 -1.08 0.00	40.87 -1.31 -0.12	33.92 -1.46 -2.35	36.87 -1.63 0.00	32.54 -1.55 0.00	29.79 -1.45 0.00	29.52 -1.11 0.00	32.62 -0.94 0.00
TEMPLE___115KV_TB 2 55572	19.87 -0.30 0.00	25.41 -0.40 0.00	25.02 -0.39 0.00	24.88 -0.43 0.00	25.76 -0.46 0.00	29.06 -0.43 0.00	43.72 -0.33 0.00	37.10 -0.28 0.00	28.36 -0.25 0.00	27.67 -0.35 0.00	25.93 -0.32 0.00	34.44 -0.52 0.00	37.07 -0.53 0.00	39.89 -0.58 0.00	38.82 -0.50 0.00	37.80 -0.44 0.00	34.09 -0.30 0.00	41.84 -0.31 -0.09	34.42 -0.40 -1.79	37.86 -0.64 0.00	33.49 -0.60 0.00	30.58 -0.66 0.00	29.97 -0.66 0.00	32.94 -0.62 0.00
TIANA___69_KV_BK 1 55817	21.16 1.65 0.65	28.18 2.37 0.00	27.67 2.26 0.00	27.61 2.31 0.00	28.49 2.28 0.00	32.34 2.86 0.00	49.08 5.03 0.00	42.25 4.87 0.00	31.68 3.06 0.00	30.40 2.39 0.00	28.87 2.60 -0.01	38.70 3.69 -0.05	46.07 3.92 -4.55	44.71 4.24 0.00	43.57 4.25 -0.01	42.29 4.06 0.00	38.53 4.14 0.00	47.55 5.03 -0.46	46.14 3.75 -9.36	42.29 3.79 0.00	37.48 3.38 0.00	35.41 3.32 -0.86	33.35 2.72 0.00	36.00 2.44 0.00
TILDEN___115KV_TB1 80814	19.95 -0.21 0.00	25.54 -0.27 0.00	25.14 -0.27 0.00	25.01 -0.30 0.00	25.89 -0.33 0.00	29.22 -0.27 0.00	43.99 -0.06 0.00	37.34 -0.04 0.00	28.54 -0.08 0.00	27.84 -0.18 0.00	26.10 -0.17 0.00	34.65 -0.31 0.00	37.29 -0.30 0.00	40.15 -0.32 0.00	39.07 -0.25 0.00	38.04 -0.20 0.00	34.32 -0.07 0.00	42.14 -0.01 -0.10	34.82 -0.17 -1.96	38.13 -0.37 0.00	33.72 -0.38 0.00	30.78 -0.46 0.00	30.17 -0.46 0.00	33.14 -0.42 0.00
TRIGEN___CC 323695	24.49 1.05 -3.28	27.31 1.48 -0.02	26.81 1.38 -0.01	26.74 1.42 -0.01	27.63 1.40 -0.02	31.25 1.76 0.00	47.26 3.21 0.00	40.62 3.24 0.00	30.62 2.01 0.00	29.58 1.56 0.00	28.09 1.82 -0.02	37.45 2.40 -0.09	48.08 2.50 -7.98	43.04 2.57 0.00	41.81 2.49 -0.01	40.68 2.45 0.00	37.11 2.72 0.00	45.90 3.38 -0.46	44.87 2.47 -9.36	40.80 2.30 0.00	36.14 2.04 0.00	34.58 1.93 -1.41	32.18 1.55 0.00	34.87 1.31 0.00
TRINITY___115KV___4 BK 55933	20.64 0.48 0.00	26.47 0.66 0.00	26.08 0.67 0.00	26.03 0.73 0.00	26.94 0.72 0.00	30.16 0.68 0.00	45.21 1.15 0.00	38.59 1.21 0.00	29.31 0.69 0.00	28.42 0.40 0.00	26.62 0.36 0.00	35.40 0.44 0.00	38.07 0.47 0.00	40.99 0.52 0.00	39.87 0.55 0.00	39.00 0.76 0.00	35.55 1.16 0.00	44.00 1.38 -0.56	45.24 0.91 -11.31	39.07 0.56 0.00	34.64 0.54 0.00	31.61 0.36 0.00	30.92 0.29 0.00	33.69 0.13 0.00
UNION___PROCESSING_DRP 323587	19.51 -0.66 0.00	24.88 -0.93 0.00	24.55 -0.87 0.00	24.35 -0.96 0.00	25.46 -0.75 0.00	28.86 -0.63 0.00	43.54 -0.52 0.00	36.62 -0.75 0.00	28.17 -0.44 0.00	27.53 -0.49 0.00	25.73 -0.53 0.00	34.18 -0.78 0.00	36.94 -0.66 0.00	39.69 -0.78 0.00	38.68 -0.64 0.00	37.56 -0.68 0.00	33.70 -0.69 0.00	41.39 -0.78 -0.11	34.28 -0.91 -2.16	37.40 -1.11 0.00	33.04 -1.05 0.00	30.21 -1.04 0.00	29.74 -0.89 0.00	32.74 -0.82 0.00
UPPER HUDSON___HYD 24058	20.64 0.47 0.00	26.41 0.60 0.00	25.98 0.56 0.00	25.91 0.60 0.00	26.87 0.65 0.00	30.33 0.85 0.00	45.54 1.49 0.00	38.88 1.51 0.00	29.51 0.90 0.00	28.54 0.53 0.00	26.70 0.44 0.00	35.71 0.75 0.00	38.50 0.91 0.00	41.52 1.05 0.00	40.37 1.06 0.00	39.38 1.14 0.00	36.06 1.67 0.00	44.70 2.06 -0.57	46.03 1.35 -11.65	40.25 1.75 0.00	35.82 1.72 0.00	32.73 1.49 0.00	32.02 1.39 0.00	34.89 1.33 0.00
UPPER RAQUET___HYD 24056	26.16 -0.25 -6.24	32.54 -0.34 -7.07	30.94 -0.32 -5.84	25.05 -0.25 0.00	26.08 -0.13 0.00	29.37 -0.12 0.00	43.86 -0.20 0.00	37.16 -0.21 0.00	28.59 -0.02 0.00	28.30 0.28 0.00	26.55 0.29 0.00	35.52 0.56 0.00	38.23 0.64 0.00	41.24 0.78 0.00	40.05 0.73 0.00	38.62 0.39 0.00	33.97 -0.42 0.00	41.10 -0.98 -0.02	32.97 -0.36 -0.30	38.64 0.13 0.00	34.23 0.14 0.00	31.84 0.60 0.00	31.41 0.78 0.00	34.62 1.06 0.00
VALLEY44_115KV_TB2 355964	20.04 -0.12 0.00	25.58 -0.23 0.00	25.32 -0.10 0.00	25.13 -0.18 0.00	26.23 0.01 0.00	29.77 0.28 0.00	45.34 1.29 0.00	37.91 0.53 0.00	29.06 0.45 0.00	28.46 0.44 0.00	26.57 0.31 0.00	35.42 0.46 0.00	38.41 0.81 0.00	41.40 0.93 0.00	40.36 1.04 0.00	39.22 0.98 0.00	34.71 0.32 0.00	42.71 0.52 -0.13	35.67 0.01 -2.64	38.61 0.10 0.00	34.35 0.26 0.00	31.50 0.25 0.00	31.00 0.37 0.00	34.04 0.48 0.00
VALLEY___115KV_TB 1-4 80826	20.22 0.06 0.00	25.95 0.14 0.00	25.52 0.10 0.00	25.46 0.16 0.00	26.35 0.13 0.00	29.68 0.19 0.00	44.59 0.54 0.00	38.27 0.89 0.00	29.09 0.48 0.00	28.21 0.20 0.00	26.41 0.15 0.00	35.06 0.10 0.00	37.83 0.23 0.00	40.67 0.20 0.00	39.63 0.31 0.00	38.72 0.48 0.00	35.30 0.91 0.00	43.32 1.25 -0.01	34.05 0.76 -0.27	38.97 0.46 0.00	34.39 0.29 0.00	31.41 0.17 0.00	30.77 0.13 0.00	33.50 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.76 0.60 0.00	26.64 0.83 0.00	26.18 0.77 0.00	26.09 0.78 0.00	27.02 0.80 0.00	30.58 1.09 0.00	46.13 2.08 0.00	39.34 1.96 0.00	29.99 1.38 0.00	29.23 1.22 0.00	27.43 1.17 0.00	36.64 1.68 0.00	39.15 1.55 0.00	42.08 1.61 0.00	40.95 1.63 0.00	39.92 1.68 0.00	36.12 1.73 0.00	44.62 2.31 -0.24	39.56 1.66 -4.87	40.10 1.60 0.00	35.44 1.34 0.00	32.34 1.10 0.00	31.60 0.97 0.00	34.54 0.98 0.00
VISCHER___FERRY HYD 24020	20.93 0.76 0.00	26.82 1.00 0.00	26.38 0.97 0.00	26.31 1.01 0.00	27.26 1.04 0.00	30.63 1.14 0.00	45.91 1.86 0.00	39.21 1.83 0.00	29.73 1.12 0.00	28.79 0.77 0.00	26.94 0.68 0.00	35.86 0.90 0.00	38.59 0.99 0.00	41.58 1.11 0.00	40.44 1.13 0.00	39.58 1.34 0.00	36.10 1.71 0.00	44.65 2.02 -0.56	45.86 1.40 -11.42	39.69 1.18 0.00	35.23 1.14 0.00	32.13 0.89 0.00	31.46 0.83 0.00	34.29 0.73 0.00
V_A_10_SYNC_DSASP 323832	19.00 -1.17 0.00	24.22 -1.60 0.00	23.94 -1.48 0.00	23.72 -1.59 0.00	24.90 -1.32 0.00	28.24 -1.25 0.00	35.42 -1.46 7.17	35.59 -1.78 0.00	24.94 -1.17 2.51	22.94 -1.19 3.89	24.01 -1.24 1.01	31.61 -1.72 1.63	34.05 -1.60 1.95	37.00 -1.83 1.63	33.68 -1.61 4.03	35.13 -1.65 1.47	32.50 -1.69 0.19	40.18 -1.99 -0.11	33.37 -1.93 -2.27	30.55 -2.18 5.77	29.67 -1.99 2.44	26.92 -1.83 2.49	28.66 -1.56 0.42	31.38 -1.49 0.68
V_CMM_10_SYNC_DSASP 323787	20.20 0.04 0.00	25.82 0.01 0.00	25.42 0.00 0.00	25.32 0.02 0.00	26.31 0.09 0.00	29.56 0.08 0.00	43.88 -0.17 0.00	37.08 -0.30 0.00	28.54 -0.08 0.00	28.15 0.13 0.00	26.35 0.09 0.00	35.24 0.28 0.00	37.90 0.31 0.00	40.88 0.41 0.00	39.67 0.36 0.00	38.39 0.15 0.00	34.11 -0.28 0.00	41.55 -0.52 0.00	32.94 -0.09 0.00	38.88 0.38 0.00	34.49 0.39 0.00	31.80 0.56 0.00	31.26 0.63 0.00	34.28 0.72 0.00

V_CMP_10_SYNC_DSASP 323788	-21.05 -0.42 40.80	-21.01 -0.59 46.24	-13.33 -0.56 38.18	25.02 -0.28 0.00	26.39 0.17 0.00	30.04 0.55 0.00	44.34 0.29 0.00	37.50 0.13 0.00	28.65 0.04 0.00	28.33 0.31 0.00	26.68 0.42 0.00	35.82 0.86 0.00	38.77 1.18 0.00	41.97 1.50 0.00	41.01 1.69 0.00	39.25 1.01 0.00	35.11 0.71 0.00	42.57 0.51 0.00	33.94 0.91 0.00	40.05 1.55 0.00	35.93 1.84 0.00	33.15 1.91 0.00	32.68 2.05 0.00	35.73 2.17 0.00
V_D_10_SYNC_DSASP 323841	18.59 -1.58 0.00	23.64 -2.17 0.00	23.39 -2.02 0.00	23.15 -2.15 0.00	24.43 -1.78 0.00	27.76 -1.73 0.00	33.02 -2.13 8.90	34.74 -2.64 0.00	23.85 -1.65 3.11	21.63 -1.56 4.83	23.25 -1.75 1.25	30.48 -2.46 2.02	32.90 -2.27 2.43	35.82 -2.62 2.03	32.11 -2.19 5.01	34.04 -2.37 1.82	31.71 -2.44 0.24	39.19 -2.99 -0.12	32.67 -2.76 -2.41	28.45 -2.87 7.17	28.51 -2.55 3.03	25.87 -2.28 3.10	28.00 -2.11 0.52	30.74 -1.98 0.85
V_E_10_SYNC_DSASP 323830	20.79 0.62 0.00	26.70 0.89 0.00	26.29 0.87 0.00	26.15 0.84 0.00	27.26 1.05 0.00	31.08 1.60 0.00	50.08 3.34 -2.69	40.43 3.05 0.00	31.97 2.42 -0.94	32.02 2.55 -1.46	29.06 2.42 -0.38	38.64 3.06 -0.61	41.32 3.00 -0.73	44.65 3.57 -0.61	44.68 3.85 -1.51	42.56 3.77 -0.55	37.75 3.29 -0.07	46.71 4.46 -0.19	40.18 3.29 -3.85	44.12 3.52 -2.10	37.79 2.81 -0.89	34.30 2.15 -0.90	32.68 1.90 -0.15	35.80 1.99 -0.25
V_F_30_NSYNC___DSASP 323816	21.03 0.87 0.00	26.94 1.13 0.00	26.50 1.08 0.00	26.42 1.12 0.00	27.39 1.17 0.00	30.85 1.37 0.00	46.34 2.29 0.00	39.56 2.18 0.00	29.99 1.38 0.00	29.06 1.05 0.00	27.21 0.95 0.00	36.24 1.28 0.00	39.04 1.44 0.00	42.07 1.61 0.00	40.92 1.60 0.00	39.99 1.75 0.00	36.50 2.11 0.00	45.18 2.55 -0.57	46.44 1.79 -11.62	40.34 1.83 0.00	35.78 1.68 0.00	32.65 1.41 0.00	31.94 1.31 0.00	34.84 1.27 0.00
V_F_30_SYNC_DSASP 323786	20.71 0.54 0.00	26.55 0.74 0.00	26.15 0.74 0.00	26.11 0.80 0.00	27.01 0.80 0.00	30.26 0.78 0.00	45.38 1.32 0.00	38.74 1.36 0.00	29.43 0.82 0.00	28.55 0.53 0.00	26.74 0.48 0.00	35.57 0.60 0.00	38.25 0.65 0.00	41.18 0.72 0.00	40.05 0.74 0.00	39.18 0.94 0.00	35.72 1.33 0.00	44.21 1.59 -0.56	45.48 1.06 -11.39	39.26 0.75 0.00	34.79 0.69 0.00	31.74 0.50 0.00	31.04 0.41 0.00	33.82 0.26 0.00
V_XM_10_SYNC_DSASP 323789	-21.05 -0.42 40.80	-21.01 -0.59 46.24	-13.33 -0.56 38.18	25.02 -0.28 0.00	26.39 0.17 0.00	30.04 0.55 0.00	44.34 0.29 0.00	37.50 0.13 0.00	28.65 0.04 0.00	28.33 0.31 0.00	26.68 0.42 0.00	35.82 0.86 0.00	38.77 1.18 0.00	41.97 1.50 0.00	41.01 1.69 0.00	39.25 1.01 0.00	35.11 0.71 0.00	42.57 0.51 0.00	33.94 0.91 0.00	40.05 1.55 0.00	35.93 1.84 0.00	33.15 1.91 0.00	32.68 2.05 0.00	35.73 2.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.88 0.72 0.00	26.76 0.95 0.00	26.41 0.99 0.00	26.38 1.07 0.00	27.25 1.03 0.00	30.80 1.31 0.00	46.53 2.48 0.00	39.95 2.58 0.00	30.26 1.65 0.00	29.33 1.31 0.00	27.64 1.38 0.00	36.71 1.75 0.00	39.40 1.81 0.00	42.30 1.83 0.00	41.04 1.72 0.00	40.10 1.87 0.00	36.62 2.24 0.00	45.47 2.96 -0.45	44.19 2.09 -9.07	40.32 1.81 0.00	35.63 1.54 0.00	32.51 1.27 0.00	31.69 1.06 0.00	34.47 0.91 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.99 0.83 0.00	26.88 1.07 0.00	26.48 1.07 0.00	26.43 1.13 0.00	27.30 1.09 0.00	30.88 1.39 0.00	46.72 2.67 0.00	40.12 2.74 0.00	30.39 1.78 0.00	29.47 1.45 0.00	27.80 1.54 0.00	36.90 1.94 0.00	39.59 2.00 0.00	42.43 1.96 0.00	41.17 1.85 0.00	40.28 2.04 0.00	36.83 2.44 0.00	45.69 3.17 -0.46	44.69 2.29 -9.36	40.49 1.98 0.00	35.76 1.67 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.52 0.96 0.00
W50THST__13_KV_LOAD 356117	21.15 0.99 0.00	27.07 1.26 0.00	26.66 1.24 0.00	26.60 1.30 0.00	27.48 1.27 0.00	31.10 1.61 0.00	47.09 3.04 0.00	40.48 3.11 0.00	30.68 2.07 0.00	29.77 1.75 0.00	28.09 1.83 0.00	37.28 2.32 0.00	40.01 2.41 0.00	42.87 2.41 0.00	41.59 2.27 0.00	40.69 2.45 0.00	37.21 2.82 0.00	46.14 3.61 -0.46	45.01 2.61 -9.36	40.84 2.33 0.00	36.07 1.98 0.00	32.93 1.69 0.00	32.06 1.43 0.00	34.76 1.20 0.00
WADING RIVER_IC_1 23522	20.96 1.45 0.66	27.92 2.11 0.00	27.41 2.00 0.00	27.36 2.06 0.00	28.22 2.01 0.00	32.00 2.51 0.00	48.55 4.50 0.00	41.76 4.38 0.00	31.34 2.73 0.00	30.09 2.07 0.00	28.59 2.32 -0.01	38.31 3.30 -0.05	45.61 3.47 -4.55	44.21 3.74 0.00	43.07 3.75 -0.01	41.78 3.54 0.00	38.06 3.67 0.00	46.97 4.45 -0.46	45.70 3.31 -9.36	41.76 3.26 0.00	37.04 2.95 0.00	35.03 2.94 -0.86	33.00 2.36 0.00	35.63 2.07 0.00
WADING RIVER_IC_2 23547	20.96 1.45 0.66	27.92 2.11 0.00	27.41 2.00 0.00	27.36 2.06 0.00	28.22 2.01 0.00	32.00 2.51 0.00	48.55 4.50 0.00	41.76 4.38 0.00	31.34 2.73 0.00	30.09 2.07 0.00	28.59 2.32 -0.01	38.31 3.30 -0.05	45.61 3.47 -4.55	44.21 3.74 0.00	43.07 3.75 -0.01	41.78 3.54 0.00	38.06 3.67 0.00	46.97 4.45 -0.46	45.70 3.31 -9.36	41.76 3.26 0.00	37.04 2.95 0.00	35.03 2.94 -0.86	33.00 2.36 0.00	35.63 2.07 0.00
WADING RIVER_IC_3 23601	20.96 1.45 0.66	27.92 2.11 0.00	27.41 2.00 0.00	27.36 2.06 0.00	28.22 2.01 0.00	32.00 2.51 0.00	48.55 4.50 0.00	41.76 4.38 0.00	31.34 2.73 0.00	30.09 2.07 0.00	28.59 2.32 -0.01	38.31 3.30 -0.05	45.61 3.47 -4.55	44.21 3.74 0.00	43.07 3.75 -0.01	41.78 3.54 0.00	38.06 3.67 0.00	46.97 4.45 -0.46	45.70 3.31 -9.36	41.76 3.26 0.00	37.04 2.95 0.00	35.03 2.94 -0.86	33.00 2.36 0.00	35.63 2.07 0.00
WALDENNY_12_KV_BK2 80841	19.32 -0.84 0.00	24.61 -1.21 0.00	24.35 -1.06 0.00	24.13 -1.17 0.00	25.40 -0.81 0.00	28.94 -0.55 0.00	43.73 -0.32 0.00	36.52 -0.86 0.00	28.20 -0.41 0.00	27.57 -0.45 0.00	25.71 -0.55 0.00	34.17 -0.79 0.00	37.12 -0.47 0.00	39.93 -0.54 0.00	39.02 -0.30 0.00	37.82 -0.42 0.00	33.69 -0.70 0.00	41.41 -0.78 -0.12	34.48 -1.05 -2.50	37.37 -1.13 0.00	33.05 -1.05 0.00	30.23 -1.01 0.00	29.90 -0.73 0.00	32.98 -0.58 0.00
WALDEN___HYDRO 24148	21.02 0.86 0.00	26.91 1.10 0.00	26.50 1.09 0.00	26.46 1.15 0.00	27.35 1.14 0.00	30.91 1.43 0.00	46.69 2.64 0.00	40.06 2.69 0.00	30.33 1.72 0.00	29.38 1.36 0.00	27.64 1.38 0.00	36.75 1.79 0.00	39.45 1.85 0.00	42.37 1.90 0.00	41.14 1.82 0.00	40.19 1.96 0.00	36.71 2.32 0.00	45.60 3.09 -0.45	44.41 2.22 -9.16	40.50 1.99 0.00	35.79 1.69 0.00	32.64 1.40 0.00	31.81 1.18 0.00	34.62 1.06 0.00
WARRENSBURG____ 23737	20.64 0.47 0.00	26.41 0.60 0.00	25.98 0.56 0.00	25.91 0.60 0.00	26.87 0.65 0.00	30.33 0.85 0.00	45.54 1.49 0.00	38.88 1.51 0.00	29.51 0.90 0.00	28.54 0.53 0.00	26.70 0.44 0.00	35.71 0.75 0.00	38.50 0.91 0.00	41.52 1.05 0.00	40.37 1.06 0.00	39.38 1.14 0.00	36.06 1.67 0.00	44.70 2.06 -0.57	46.03 1.35 -11.65	40.25 1.75 0.00	35.82 1.72 0.00	32.73 1.49 0.00	32.02 1.39 0.00	34.89 1.33 0.00

WATERSIDE___6 8 9 23538	21.01 0.84 0.00	26.87 1.06 0.00	26.48 1.06 0.00	26.42 1.11 0.00	27.29 1.07 0.00	30.86 1.38 0.00	46.68 2.62 0.00	40.14 2.77 0.00	30.42 1.81 0.00	29.50 1.48 0.00	27.82 1.57 0.00	36.92 1.96 0.00	39.62 2.03 0.00	42.46 1.99 0.00	41.20 1.88 0.00	40.31 2.08 0.00	36.85 2.46 0.00	45.69 3.17 -0.46	44.69 2.29 -9.36	40.49 1.99 0.00	35.78 1.68 0.00	32.66 1.42 0.00	31.81 1.18 0.00	34.51 0.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.28 0.11 0.00	26.00 0.19 0.00	25.58 0.16 0.00	25.50 0.20 0.00	26.39 0.18 0.00	29.70 0.22 0.00	44.57 0.52 0.00	38.08 0.70 0.00	28.98 0.37 0.00	28.17 0.16 0.00	26.38 0.12 0.00	34.96 0.00 0.00	37.74 0.14 0.00	40.63 0.17 0.00	39.53 0.21 0.00	38.60 0.36 0.00	35.06 0.67 0.00	43.00 0.92 -0.01	33.86 0.56 -0.27	38.86 0.35 0.00	34.35 0.26 0.00	31.40 0.16 0.00	30.73 0.09 0.00	33.50 -0.06 0.00
WATSON___69_KV_BK 1 55734	21.31 1.56 0.42	27.96 2.15 0.00	27.43 2.01 0.00	27.36 2.06 0.00	28.24 2.03 0.00	32.03 2.55 0.00	48.55 4.50 0.00	41.79 4.41 0.00	31.38 2.77 0.00	30.18 2.16 0.00	28.71 2.43 -0.01	38.38 3.37 -0.05	45.89 3.59 -4.70	44.30 3.83 0.00	43.12 3.80 -0.01	41.83 3.59 0.00	38.09 3.70 0.00	47.01 4.49 -0.46	45.75 3.35 -9.36	41.87 3.36 0.00	37.12 3.02 0.00	35.09 2.97 -0.88	33.06 2.42 0.00	35.71 2.15 0.00
WDELAWARE___HYD 323627	20.79 0.62 0.00	26.62 0.81 0.00	26.20 0.79 0.00	26.14 0.84 0.00	27.03 0.82 0.00	30.60 1.11 0.00	46.32 2.27 0.00	39.73 2.35 0.00	30.10 1.49 0.00	29.19 1.17 0.00	27.38 1.12 0.00	36.45 1.48 0.00	39.15 1.55 0.00	42.06 1.60 0.00	40.83 1.51 0.00	39.87 1.63 0.00	36.43 2.04 0.00	45.27 2.79 -0.42	43.56 1.90 -8.63	40.16 1.65 0.00	35.48 1.38 0.00	32.37 1.13 0.00	31.52 0.89 0.00	34.30 0.73 0.00
WEST BABYLON___IC 23714	21.61 1.44 0.00	27.82 2.01 0.00	27.29 1.88 0.00	27.22 1.92 0.00	28.11 1.90 0.00	31.87 2.38 0.00	48.26 4.21 0.00	41.53 4.15 0.00	31.22 2.61 0.00	30.04 2.02 0.00	28.58 2.31 -0.01	38.20 3.19 -0.05	46.00 3.39 -5.01	44.07 3.60 0.00	42.86 3.54 -0.01	41.60 3.36 0.00	37.89 3.50 0.00	46.79 4.27 -0.46	45.56 3.16 -9.36	41.63 3.13 0.00	36.92 2.83 0.00	34.93 2.76 -0.93	32.88 2.25 0.00	35.53 1.97 0.00
WEST CANADA___HYD 24049	20.18 0.02 0.00	25.86 0.04 0.00	25.46 0.04 0.00	25.35 0.05 0.00	26.24 0.03 0.00	29.51 0.03 0.00	44.15 0.10 0.00	37.54 0.16 0.00	28.69 0.08 0.00	28.07 0.05 0.00	26.31 0.05 0.00	34.98 0.02 0.00	37.65 0.06 0.00	40.51 0.04 0.00	39.32 0.00 0.00	38.28 0.05 0.00	34.56 0.17 0.00	42.29 0.22 -0.01	33.41 0.11 -0.27	38.53 0.03 0.00	34.12 0.03 0.00	31.24 0.00 0.00	30.63 0.00 0.00	33.53 -0.03 0.00
WESTERN_NY_WIND 24143	19.67 -0.50 0.00	25.03 -0.78 0.00	24.74 -0.68 0.00	24.51 -0.79 0.00	25.79 -0.43 0.00	29.33 -0.15 0.00	44.36 0.31 0.00	37.10 -0.28 0.00	28.67 0.05 0.00	28.02 0.00 0.00	26.14 -0.12 0.00	34.65 -0.31 0.00	37.57 -0.02 0.00	40.35 -0.11 0.00	39.37 0.06 0.00	38.20 -0.04 0.00	34.15 -0.24 0.00	41.90 -0.28 -0.11	34.72 -0.63 -2.32	37.77 -0.73 0.00	33.33 -0.77 0.00	30.48 -0.77 0.00	30.12 -0.51 0.00	33.20 -0.36 0.00
WESTOVER___LESR 323668	20.04 -0.12 0.00	25.68 -0.13 0.00	25.29 -0.12 0.00	25.17 -0.14 0.00	26.06 -0.15 0.00	29.52 0.04 0.00	44.59 0.54 0.00	37.89 0.51 0.00	28.89 0.28 0.00	28.19 0.17 0.00	26.43 0.17 0.00	35.12 0.15 0.00	37.82 0.22 0.00	40.78 0.31 0.00	39.67 0.35 0.00	38.65 0.41 0.00	34.80 0.41 0.00	42.96 0.69 -0.20	37.42 0.33 -4.06	38.64 0.13 0.00	34.19 0.09 0.00	31.21 -0.03 0.00	30.58 -0.05 0.00	33.47 -0.09 0.00
WETHRSFD_WT_PWR 323626	18.73 -1.43 0.00	23.91 -1.90 0.00	23.69 -1.72 0.00	23.63 -1.68 0.00	24.82 -1.40 0.00	28.38 -1.10 0.00	39.67 -0.93 3.44	36.31 -1.07 0.00	26.60 -0.81 1.21	25.33 -0.81 1.87	24.93 -0.85 0.49	32.93 -1.25 0.79	35.61 -1.04 0.95	38.90 -0.78 0.79	36.95 -0.41 1.96	37.11 -0.42 0.71	33.53 -0.77 0.09	41.30 -0.90 -0.13	34.70 -1.06 -2.73	34.43 -1.24 2.83	31.73 -1.16 1.20	28.81 -1.21 1.22	29.44 -0.99 0.20	32.27 -0.96 0.33
WHAVSTOR_138KV_BK127 55557	20.80 0.64 0.00	26.67 0.86 0.00	26.31 0.90 0.00	26.28 0.98 0.00	27.15 0.94 0.00	30.67 1.19 0.00	46.34 2.28 0.00	39.77 2.39 0.00	30.13 1.52 0.00	29.20 1.18 0.00	27.51 1.26 0.00	36.54 1.58 0.00	39.22 1.63 0.00	42.10 1.64 0.00	40.84 1.52 0.00	39.93 1.69 0.00	36.46 2.07 0.00	45.26 2.75 -0.45	44.05 1.94 -9.08	40.14 1.63 0.00	35.47 1.38 0.00	32.37 1.13 0.00	31.56 0.93 0.00	34.34 0.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.80 0.64 0.00	26.67 0.86 0.00	26.31 0.90 0.00	26.28 0.98 0.00	27.15 0.94 0.00	30.67 1.19 0.00	46.34 2.28 0.00	39.77 2.39 0.00	30.13 1.52 0.00	29.20 1.18 0.00	27.51 1.26 0.00	36.54 1.58 0.00	39.22 1.63 0.00	42.10 1.64 0.00	40.84 1.52 0.00	39.93 1.69 0.00	36.46 2.07 0.00	45.26 2.75 -0.45	44.05 1.94 -9.08	40.14 1.63 0.00	35.47 1.38 0.00	32.37 1.13 0.00	31.56 0.93 0.00	34.34 0.78 0.00
WHITEHAL_115KV_TB1 80871	20.95 0.78 0.00	26.75 0.94 0.00	26.34 0.93 0.00	26.24 0.94 0.00	27.29 1.08 0.00	31.05 1.56 0.00	46.44 2.39 0.00	39.86 2.49 0.00	30.16 1.54 0.00	29.01 0.99 0.00	27.07 0.81 0.00	36.11 1.15 0.00	38.94 1.34 0.00	42.14 1.67 0.00	41.02 1.70 0.00	40.43 2.19 0.00	37.39 3.00 0.00	45.89 3.26 -0.57	46.87 2.20 -11.63	40.72 2.21 0.00	36.23 2.14 0.00	33.08 1.84 0.00	32.59 1.96 0.00	35.54 1.97 0.00
WHITEPLN_13_KV_LOAD 356215	21.14 0.97 0.00	27.07 1.26 0.00	26.66 1.25 0.00	26.61 1.31 0.00	27.50 1.29 0.00	31.10 1.61 0.00	47.02 2.97 0.00	40.40 3.02 0.00	30.60 1.99 0.00	29.66 1.64 0.00	27.95 1.69 0.00	37.14 2.18 0.00	39.86 2.27 0.00	42.78 2.31 0.00	41.52 2.20 0.00	40.59 2.35 0.00	37.08 2.69 0.00	46.02 3.50 -0.46	44.91 2.53 -9.35	40.78 2.28 0.00	36.04 1.95 0.00	32.89 1.65 0.00	32.03 1.40 0.00	34.79 1.23 0.00
WM_FLOYD_69_KV_BK2 356380	20.95 1.43 0.64	27.89 2.08 0.00	27.39 1.98 0.00	27.33 2.03 0.00	28.19 1.98 0.00	31.98 2.49 0.00	48.50 4.45 0.00	41.74 4.36 0.00	31.31 2.70 0.00	30.07 2.05 0.00	28.56 2.29 -0.01	38.29 3.28 -0.05	45.60 3.44 -4.56	44.18 3.72 0.00	43.04 3.72 -0.01	41.76 3.52 0.00	38.03 3.64 0.00	46.92 4.40 -0.46	45.67 3.27 -9.36	41.74 3.23 0.00	37.01 2.92 0.00	35.01 2.91 -0.86	32.97 2.34 0.00	35.62 2.05 0.00
WOODARD__115KV_TB2 355635	19.81 -0.35 0.00	25.34 -0.47 0.00	24.95 -0.47 0.00	24.81 -0.49 0.00	25.68 -0.53 0.00	28.96 -0.53 0.00	43.54 -0.51 0.00	36.94 -0.44 0.00	28.25 -0.36 0.00	27.57 -0.45 0.00	25.83 -0.43 0.00	34.31 -0.66 0.00	36.92 -0.68 0.00	39.72 -0.75 0.00	38.65 -0.67 0.00	37.63 -0.61 0.00	33.94 -0.45 0.00	41.66 -0.49 -0.09	34.31 -0.53 -1.81	37.72 -0.78 0.00	33.37 -0.73 0.00	30.48 -0.76 0.00	29.88 -0.75 0.00	32.85 -0.71 0.00

YORK____WARBASSE	21.08	26.97	26.59	26.52	27.39	30.99	46.84	40.32	30.54	29.60	27.92	37.05	39.76	42.57	41.30	40.44	36.98	45.81	44.82	40.64	35.92	32.79	31.93	34.66
23770	0.92	1.16	1.17	1.22	1.18	1.51	2.79	2.94	1.93	1.58	1.66	2.09	2.17	2.10	1.98	2.20	2.59	3.30	2.42	2.13	1.82	1.55	1.30	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.46	-9.36	0.00	0.00	0.00	0.00	0.00