

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/03/2023

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	34.84	33.64	31.30	30.13	29.04	30.88	31.06	29.36	28.48	31.78	35.54	34.60	35.48	32.11	34.42	38.87	33.44	40.15	35.26	34.27	34.63	33.03	34.96	30.21
24138	2.09	1.83	1.64	1.57	1.49	1.59	1.88	1.98	2.01	2.29	2.65	2.75	2.56	3.18	3.45	3.23	2.72	3.23	3.09	2.96	2.85	2.68	2.37	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.93	0.00	0.00	-7.12	-5.79	-3.03	0.00	-0.11	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.02	33.82	31.47	30.30	29.19	31.01	31.17	29.44	28.55	31.87	35.65	34.73	35.58	32.21	34.55	39.02	59.90	1382.50	164.16	34.52	34.74	33.17	35.38	31.46
24260	2.27	2.01	1.82	1.74	1.64	1.73	1.98	2.07	2.09	2.37	2.75	2.88	2.65	3.29	3.59	3.38	2.86	3.43	3.26	3.08	2.96	2.80	2.49	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.92	0.00	0.00	-7.12	-32.12	-1345.18	-128.73	-0.24	0.00	-0.02	-0.30	-1.18
74TH STREET_GT_2	35.02	33.82	31.47	30.30	29.19	31.01	31.17	29.44	28.55	31.87	35.65	34.73	35.58	32.21	34.55	39.02	59.90	1382.50	164.16	34.52	34.74	33.17	35.38	31.46
24261	2.27	2.01	1.82	1.74	1.64	1.73	1.98	2.07	2.09	2.37	2.75	2.88	2.65	3.29	3.59	3.38	2.86	3.43	3.26	3.08	2.96	2.80	2.49	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.92	0.00	0.00	-7.12	-32.12	-1345.18	-128.73	-0.24	0.00	-0.02	-0.30	-1.18
ADK HUDSON___FALLS	34.89	33.91	31.61	30.44	29.38	31.10	31.14	29.16	28.06	31.40	34.86	33.97	28.41	30.78	32.90	30.26	26.48	36.28	34.29	33.37	34.24	32.68	34.58	30.07
24011	2.14	2.11	1.96	1.87	1.83	1.82	1.96	1.78	1.59	1.91	1.96	2.12	1.67	1.86	1.93	1.75	1.55	1.72	2.12	2.15	2.46	2.33	1.99	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.75	0.00	0.00	0.00	0.00	-0.67	0.00	-0.03	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	35.15	34.19	31.88	30.68	29.62	31.31	31.41	29.38	28.22	31.61	35.06	34.19	28.60	30.98	33.08	30.46	26.67	36.50	34.56	33.64	34.56	33.00	34.90	30.36
23798	2.40	2.39	2.23	2.12	2.07	2.03	2.22	2.00	1.76	2.12	2.17	2.34	1.86	2.06	2.12	1.95	1.74	1.95	2.39	2.42	2.78	2.65	2.31	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.74	0.00	0.00	0.00	0.00	-0.67	0.00	-0.03	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.89	33.91	31.61	30.44	29.38	31.10	31.14	29.16	28.06	31.40	34.86	33.97	28.41	30.78	32.90	30.26	26.48	36.28	34.29	33.37	34.24	32.68	34.58	30.07
24028	2.14	2.11	1.96	1.87	1.83	1.82	1.96	1.78	1.59	1.91	1.96	2.12	1.67	1.86	1.93	1.75	1.55	1.72	2.12	2.15	2.46	2.33	1.99	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.75	0.00	0.00	0.00	0.00	-0.67	0.00	-0.03	0.00	0.00	0.00	0.00
ADK_NYS___DAM	34.49	33.72	31.46	30.33	29.30	31.04	30.80	28.75	27.64	30.79	34.33	33.45	28.44	30.50	32.58	29.65	25.90	35.58	33.45	32.85	33.50	31.97	33.82	29.54
23527	1.74	1.92	1.81	1.77	1.75	1.75	1.61	1.38	1.18	1.29	1.43	1.60	1.44	1.58	1.62	1.13	0.98	0.89	1.28	1.62	1.72	1.61	1.23	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	0.00	0.00	0.00	0.00	-0.80	0.00	-0.03	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.31	32.38	30.17	29.07	28.04	29.77	29.71	27.83	26.84	29.93	33.41	32.50	27.50	29.73	31.82	29.11	25.41	34.87	32.65	31.76	32.30	30.83	32.69	28.45
24190	0.56	0.58	0.52	0.52	0.50	0.48	0.53	0.46	0.37	0.43	0.51	0.65	0.69	0.80	0.85	0.59	0.48	0.30	0.48	0.54	0.52	0.48	0.10	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.81	0.00	0.00	0.00	0.00	-0.69	0.00	-0.03	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.74	31.88	29.73	28.68	27.63	29.34	29.11	27.31	26.38	29.42	32.81	31.63	24.42	28.12	30.10	27.76	24.30	33.31	31.55	30.57	31.10	29.69	32.44	28.09
355683	-0.02	0.07	0.08	0.12	0.07	0.05	-0.07	-0.06	-0.08	-0.07	-0.09	-0.22	-0.58	-0.80	-0.86	-0.76	-0.63	-0.57	-0.62	-0.63	-0.68	-0.66	-0.16	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.31	32.38	30.17	29.07	28.04	29.77	29.71	27.83	26.84	29.93	33.41	32.50	27.50	29.73	31.82	29.11	25.41	34.87	32.65	31.76	32.30	30.83	32.69	28.45
23571	0.56	0.58	0.52	0.52	0.50	0.48	0.53	0.46	0.37	0.43	0.51	0.65	0.69	0.80	0.85	0.59	0.48	0.30	0.48	0.54	0.52	0.48	0.10	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.81	0.00	0.00	0.00	0.00	-0.69	0.00	-0.03	0.00	0.00	0.00	0.00
ALBANY___2	33.31	32.38	30.17	29.07	28.04	29.77	29.71	27.83	26.84	29.93	33.41	32.50	27.50	29.73	31.82	29.11	25.41	34.87	32.65	31.76	32.30	30.83	32.69	28.45
23572	0.56	0.58	0.52	0.52	0.50	0.48	0.53	0.46	0.37	0.43	0.51	0.65	0.69	0.80	0.85	0.59	0.48	0.30	0.48	0.54	0.52	0.48	0.10	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.81	0.00	0.00	0.00	0.00	-0.69	0.00	-0.03	0.00	0.00	0.00	0.00
ALBANY___3	33.31	32.38	30.17	29.07	28.04	29.77	29.71	27.83	26.84	29.93	33.41	32.50	27.50	29.73	31.82	29.11	25.41	34.87	32.65	31.76	32.30	30.83	32.69	28.45
23573	0.56	0.58	0.52	0.52	0.50	0.48	0.53	0.46	0.37	0.43	0.51	0.65	0.69	0.80	0.85	0.59	0.48	0.30	0.48	0.54	0.52	0.48	0.10	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.81	0.00	0.00	0.00	0.00	-0.69	0.00	-0.03	0.00	0.00	0.00	0.00

ALBANY___4 23574	33.31 0.56 0.00	32.38 0.58 0.00	30.17 0.52 0.00	29.07 0.52 0.00	28.04 0.50 0.00	29.77 0.48 0.00	29.71 0.53 0.00	27.83 0.46 0.00	26.84 0.37 0.00	29.93 0.43 0.00	33.41 0.51 0.00	32.50 0.65 0.00	27.50 0.69 -1.81	29.73 0.80 0.00	31.82 0.85 0.00	29.11 0.59 0.00	25.41 0.48 0.00	34.87 0.30 -0.69	32.65 0.48 0.00	31.76 0.54 -0.03	32.30 0.52 0.00	30.83 0.48 0.00	32.69 0.10 0.00	28.45 0.19 0.00
ALBANY___LFGE 323615	33.68 0.93 0.00	32.73 0.93 0.00	30.50 0.84 0.00	29.38 0.82 0.00	28.35 0.80 0.00	30.10 0.82 0.00	30.05 0.87 0.00	28.15 0.77 0.00	27.16 0.70 0.00	30.31 0.81 0.00	33.85 0.95 0.00	32.92 1.08 0.00	27.82 1.02 -1.80	30.12 1.20 0.00	32.24 1.28 0.00	29.53 1.01 0.00	25.79 0.86 0.00	35.39 0.82 -0.69	33.11 0.94 0.00	32.20 0.97 -0.03	32.75 0.96 0.00	31.24 0.89 0.00	33.12 0.52 0.00	28.82 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	33.12 0.37 0.00	32.20 0.40 0.00	30.03 0.37 0.00	28.96 0.40 0.00	27.89 0.34 0.00	29.62 0.33 0.00	29.37 0.19 0.00	27.54 0.16 0.00	26.61 0.14 0.00	29.66 0.17 0.00	32.72 -0.17 0.00	31.83 -0.02 0.00	24.31 -0.69 0.00	28.00 -0.93 0.00	29.98 -0.99 0.00	27.63 -0.89 0.00	24.19 -0.73 0.00	33.19 -0.69 0.00	31.43 -0.74 0.00	30.45 -0.75 0.00	30.99 -0.78 0.00	29.62 -0.73 0.00	32.78 0.19 0.00	28.40 0.13 0.00
ALCOA_RYNLDS___DRP 24188	33.12 0.37 0.00	32.20 0.40 0.00	30.03 0.37 0.00	28.96 0.40 0.00	27.89 0.34 0.00	29.62 0.33 0.00	29.37 0.19 0.00	27.54 0.16 0.00	26.61 0.14 0.00	29.66 0.17 0.00	32.72 -0.17 0.00	31.83 -0.02 0.00	24.31 -0.69 0.00	28.00 -0.93 0.00	29.98 -0.99 0.00	27.63 -0.89 0.00	24.19 -0.73 0.00	33.19 -0.69 0.00	31.43 -0.74 0.00	30.45 -0.75 0.00	30.99 -0.78 0.00	29.62 -0.73 0.00	32.78 0.19 0.00	28.40 0.13 0.00
ALCOA___DSASP 323711	33.12 0.37 0.00	32.20 0.40 0.00	30.03 0.37 0.00	28.96 0.40 0.00	27.89 0.34 0.00	29.62 0.33 0.00	29.37 0.19 0.00	27.54 0.16 0.00	26.61 0.14 0.00	29.66 0.17 0.00	32.73 -0.17 0.00	31.83 -0.02 0.00	24.31 -0.69 0.00	28.00 -0.93 0.00	29.97 -0.99 0.00	27.63 -0.89 0.00	24.19 -0.73 0.00	33.19 -0.69 0.00	31.43 -0.74 0.00	30.45 -0.75 0.00	30.99 -0.78 0.00	29.62 -0.73 0.00	32.78 0.19 0.00	28.40 0.13 0.00
ALLEGHENY___COGEN 23514	33.90 1.15 0.00	32.71 0.91 0.00	30.56 0.91 0.00	29.37 0.81 0.00	28.41 0.86 0.00	30.27 0.99 0.00	30.30 1.12 0.00	28.19 0.81 0.00	27.29 0.83 0.00	30.25 0.76 0.00	33.57 0.68 0.00	32.19 0.34 0.00	25.62 0.62 0.00	29.75 0.82 0.00	31.75 0.79 0.00	29.61 1.10 0.00	26.00 1.08 0.00	35.66 1.78 0.00	33.91 1.74 0.00	33.10 1.91 0.00	34.17 2.39 0.00	32.91 2.55 0.00	35.14 2.55 0.00	30.47 2.21 0.00
ALTAMONT_115KV_TB 2 55880	33.74 0.99 0.00	32.74 0.94 0.00	30.51 0.86 0.00	29.39 0.83 0.00	28.35 0.81 0.00	30.12 0.83 0.00	30.09 0.90 0.00	28.20 0.82 0.00	27.19 0.73 0.00	30.33 0.83 0.00	33.85 0.96 0.00	32.91 1.06 0.00	27.76 1.01 -1.76	30.11 1.18 0.00	32.21 1.25 0.00	29.53 1.02 0.00	25.78 0.85 0.00	35.41 0.86 -0.66	33.16 0.99 0.00	32.23 1.01 -0.03	32.80 1.02 0.00	31.32 0.96 0.00	33.25 0.66 0.00	28.92 0.66 0.00
ALTONA_WT_PWR 323606	33.37 0.62 0.00	32.53 0.73 0.00	30.31 0.65 0.00	29.24 0.68 0.00	28.20 0.65 0.00	29.86 0.57 0.00	29.71 0.53 0.00	27.86 0.48 0.00	26.85 0.38 0.00	29.97 0.48 0.00	33.70 0.81 0.00	32.36 0.51 0.00	25.05 0.05 0.00	28.82 -0.10 0.00	30.80 -0.16 0.00	28.36 -0.16 0.00	24.86 -0.06 0.00	34.03 0.15 0.00	32.40 0.23 0.00	31.45 0.25 0.00	32.04 0.25 0.00	30.55 0.20 0.00	33.11 0.52 0.00	28.79 0.52 0.00
AMERICAN_REF_FUEL 24010	31.56 -1.19 0.00	30.55 -1.26 0.00	28.64 -1.01 0.00	27.55 -1.01 0.00	26.67 -0.88 0.00	28.53 -0.76 0.00	28.38 -0.80 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.25 -1.25 0.00	31.42 -1.47 0.00	30.41 -1.44 0.00	24.21 -0.78 0.00	28.14 -0.78 0.00	30.16 -0.80 0.00	28.17 -0.35 0.00	24.72 -0.21 0.00	33.67 -0.22 0.00	32.07 -0.10 0.00	30.90 -0.29 0.00	31.85 0.07 0.00	30.67 0.32 0.00	32.91 0.32 0.00	28.74 0.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.09 0.34 0.00	31.76 -0.05 0.00	29.64 -0.02 0.00	28.61 0.05 0.00	27.62 0.07 0.00	29.07 -0.21 0.00	29.17 -0.01 0.00	27.15 -0.23 0.00	26.68 0.21 0.00	29.96 0.46 0.00	33.49 0.60 0.00	32.35 0.50 0.00	25.71 0.71 0.00	30.05 1.13 0.00	32.11 1.14 0.00	29.94 1.42 0.00	26.19 1.27 0.00	35.61 1.73 0.00	33.85 1.68 0.00	32.58 1.38 0.00	33.45 1.67 0.00	32.14 1.79 0.00	34.39 1.80 0.00	29.82 1.55 0.00
ARTHUR_KILL_GT_1 23520	34.89 2.13 0.00	33.65 1.85 0.00	31.43 1.77 0.00	30.30 1.74 0.00	29.08 1.53 0.00	30.83 1.54 0.00	30.89 1.71 0.00	26.36 1.75 2.77	-2.15 1.78 30.40	4.79 2.00 26.70	31.21 2.37 4.06	31.36 2.55 3.05	29.76 2.38 -2.38	31.39 2.94 0.47	32.35 3.22 1.83	36.55 3.05 -4.98	35.87 2.51 -8.43	58.79 2.85 -22.05	44.87 2.79 -9.91	33.79 2.73 0.13	34.23 2.60 0.15	32.93 2.55 -0.02	35.11 2.21 -0.31	31.30 1.85 -1.18
ARTHUR_KILL_2 23512	34.76 2.01 0.00	33.53 1.73 0.00	31.32 1.66 0.00	30.22 1.65 0.00	28.99 1.45 0.00	30.75 1.46 0.00	30.80 1.62 0.00	26.28 1.67 2.77	-2.23 1.70 30.40	4.70 1.91 26.70	31.08 2.24 4.06	31.23 2.42 3.05	29.66 2.28 -2.38	31.28 2.82 0.47	32.21 3.08 1.83	36.41 2.92 -4.98	35.75 2.39 -8.43	58.62 2.68 -22.05	44.70 2.63 -9.91	33.63 2.57 0.13	34.07 2.44 0.15	32.78 2.40 -0.02	34.96 2.06 -0.31	31.17 1.72 -1.18
ARTHUR_KILL_3 23513	34.49 1.75 0.00	33.31 1.50 0.00	31.01 1.35 0.00	29.86 1.30 0.00	28.75 1.21 0.00	30.57 1.29 0.00	30.70 1.52 0.00	26.25 1.63 2.76	23.54 1.67 4.59	31.38 1.89 0.00	33.28 2.19 1.81	33.92 2.31 0.23	30.25 2.23 -3.02	31.74 2.81 0.00	34.02 3.05 0.00	36.65 2.87 -5.27	35.73 2.38 -8.42	58.69 2.75 -22.05	44.70 2.63 -9.90	33.53 2.48 0.14	33.90 2.35 0.23	32.61 2.23 -0.02	34.82 1.92 -0.30	31.03 1.58 -1.18
ARTHUR_KILL_COGEN 323718	34.89 2.13 0.00	33.65 1.85 0.00	31.43 1.77 0.00	30.30 1.74 0.00	29.08 1.53 0.00	30.83 1.54 0.00	30.89 1.71 0.00	26.36 1.75 2.77	-2.15 1.78 30.40	4.79 2.00 26.70	31.21 2.37 4.06	31.36 2.55 3.05	29.76 2.38 -2.38	31.39 2.94 0.47	32.35 3.22 1.83	36.55 3.05 -4.98	35.87 2.51 -8.43	58.79 2.85 -22.05	44.87 2.79 -9.91	33.79 2.73 0.13	34.23 2.60 0.15	32.93 2.55 -0.02	35.11 2.21 -0.31	31.30 1.85 -1.18
ASHOKAN____ 23654	34.21 1.46 0.00	32.96 1.16 0.00	30.66 1.01 0.00	29.51 0.95 0.00	28.49 0.94 0.00	30.41 1.12 0.00	30.47 1.29 0.00	28.62 1.24 0.00	27.59 1.13 0.00	30.83 1.34 0.00	34.41 1.51 0.00	33.45 1.60 0.00	26.50 1.50 0.00	30.78 1.86 0.00	33.15 2.18 0.00	30.57 2.05 0.00	26.54 1.61 0.00	35.87 1.69 -0.30	34.03 1.85 0.00	33.07 1.88 0.00	33.60 1.82 0.00	32.02 1.67 0.00	33.83 1.24 0.00	29.33 1.06 0.00

ASTORIA_EAST_ENERGY_CC1 323581	34.84 2.09 0.00	33.65 1.85 0.00	31.32 1.66 0.00	30.14 1.58 0.00	29.04 1.49 0.00	30.85 1.57 0.00	31.00 1.82 0.00	29.28 1.90 0.00	28.40 1.94 0.00	31.62 2.13 0.00	35.39 2.49 0.00	34.51 2.66 0.00	35.33 2.41 -7.92	31.93 3.00 0.00	34.23 3.26 -0.01	38.66 3.02 -7.13	59.55 2.50 -32.12	1381.95 2.88 -1345.18	163.67 2.77 -128.73	34.14 2.71 -0.24	34.38 2.60 0.00	32.85 2.47 -0.02	35.04 2.14 -0.30	31.18 1.74 -1.18
ASTORIA_EAST_ENERGY_CC2 323582	34.84 2.09 0.00	33.65 1.85 0.00	31.32 1.66 0.00	30.14 1.58 0.00	29.04 1.49 0.00	30.85 1.57 0.00	31.00 1.82 0.00	29.28 1.90 0.00	28.40 1.94 0.00	31.62 2.13 0.00	35.39 2.49 0.00	34.51 2.66 0.00	35.33 2.41 -7.92	31.93 3.00 0.00	34.23 3.26 -0.01	38.66 3.02 -7.13	59.55 2.50 -32.12	1381.95 2.88 -1345.18	163.67 2.77 -128.73	34.14 2.71 -0.24	34.38 2.60 0.00	32.85 2.47 -0.02	35.04 2.14 -0.30	31.18 1.74 -1.18
ASTORIA_GT2_1 24094	34.86 2.10 0.00	33.66 1.86 0.00	31.33 1.68 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.87 1.58 0.00	31.02 1.83 0.00	29.30 1.92 0.00	28.42 1.95 0.00	31.63 2.13 0.00	35.41 2.52 0.00	34.54 2.69 0.00	35.34 2.42 -7.92	31.95 3.02 0.00	34.26 3.29 -0.01	38.68 3.04 -7.13	59.56 2.51 -32.12	1381.96 2.90 -1345.18	163.69 2.80 -128.73	34.16 2.73 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.06 2.17 -0.30	31.20 1.75 -1.18
ASTORIA_GT2_2 24095	34.86 2.10 0.00	33.66 1.86 0.00	31.33 1.68 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.87 1.58 0.00	31.02 1.83 0.00	29.30 1.92 0.00	28.42 1.95 0.00	31.63 2.13 0.00	35.41 2.52 0.00	34.54 2.69 0.00	35.34 2.42 -7.92	31.95 3.02 0.00	34.26 3.29 -0.01	38.68 3.04 -7.13	59.56 2.51 -32.12	1381.96 2.90 -1345.18	163.69 2.80 -128.73	34.16 2.73 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.06 2.17 -0.30	31.20 1.75 -1.18
ASTORIA_GT2_3 24096	34.86 2.10 0.00	33.66 1.86 0.00	31.33 1.68 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.87 1.58 0.00	31.02 1.83 0.00	29.30 1.92 0.00	28.42 1.95 0.00	31.63 2.13 0.00	35.41 2.52 0.00	34.54 2.69 0.00	35.34 2.42 -7.92	31.95 3.02 0.00	34.26 3.29 -0.01	38.68 3.04 -7.13	59.56 2.51 -32.12	1381.96 2.90 -1345.18	163.69 2.80 -128.73	34.16 2.73 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.06 2.17 -0.30	31.20 1.75 -1.18
ASTORIA_GT2_4 24097	34.86 2.10 0.00	33.66 1.86 0.00	31.33 1.68 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.87 1.58 0.00	31.02 1.83 0.00	29.30 1.92 0.00	28.42 1.95 0.00	31.63 2.13 0.00	35.41 2.52 0.00	34.54 2.69 0.00	35.34 2.42 -7.92	31.95 3.02 0.00	34.26 3.29 -0.01	38.68 3.04 -7.13	59.56 2.51 -32.12	1381.96 2.90 -1345.18	163.69 2.80 -128.73	34.16 2.73 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.06 2.17 -0.30	31.20 1.75 -1.18
ASTORIA_GT3_1 24098	34.86 2.10 0.00	33.66 1.86 0.00	31.33 1.68 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.87 1.58 0.00	31.02 1.83 0.00	29.30 1.92 0.00	28.42 1.95 0.00	31.63 2.13 0.00	35.41 2.52 0.00	34.54 2.69 0.00	35.34 2.42 -7.92	31.95 3.02 0.00	34.26 3.29 -0.01	38.68 3.04 -7.13	59.56 2.51 -32.12	1381.96 2.90 -1345.18	163.69 2.80 -128.73	34.16 2.73 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.06 2.17 -0.30	31.20 1.75 -1.18
ASTORIA_GT3_2 24099	34.86 2.10 0.00	33.66 1.86 0.00	31.33 1.68 0.00	30.15 1.59 0.00																				

ASTORIA_GT_10 24110	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	29.00 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.23 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.34 2.45 0.00	34.46 2.61 0.00	35.33 2.40 -7.92	31.91 2.99 0.00	34.23 3.26 0.00	38.69 3.06 -7.12	59.56 2.52 -32.12	1381.97 2.91 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.12 -0.30	31.16 1.72 -1.18
ASTORIA_GT_11 24225	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	29.00 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.23 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.34 2.45 0.00	34.46 2.61 0.00	35.33 2.40 -7.92	31.91 2.99 0.00	34.23 3.26 0.00	38.69 3.06 -7.12	59.56 2.52 -32.12	1381.97 2.91 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.12 -0.30	31.16 1.72 -1.18
ASTORIA_GT_12 24226	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	28.99 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.35 2.45 0.00	34.45 2.60 0.00	35.33 2.41 -7.92	31.91 2.99 0.00	34.22 3.25 0.00	38.69 3.05 -7.12	59.56 2.52 -32.12	1381.97 2.90 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.11 -0.30	31.16 1.71 -1.18
ASTORIA_GT_13 24227	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	28.99 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.35 2.45 0.00	34.45 2.60 0.00	35.33 2.41 -7.92	31.91 2.99 0.00	34.22 3.25 0.00	38.69 3.05 -7.12	59.56 2.52 -32.12	1381.97 2.90 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.11 -0.30	31.16 1.71 -1.18
ASTORIA_GT_5 24106	34.93 2.18 0.00	33.72 1.92 0.00	31.39 1.73 0.00	30.21 1.65 0.00	29.11 1.56 0.00	30.93 1.64 0.00	31.08 1.89 0.00	29.36 1.98 0.00	28.48 2.01 0.00	31.70 2.21 0.00	35.49 2.59 0.00	34.60 2.75 0.00	35.41 2.49 -7.92	32.02 3.09 0.00	34.34 3.37 -0.01	38.76 3.12 -7.13	59.63 2.58 -32.12	1382.06 2.99 -1345.18	163.78 2.88 -128.73	34.25 2.81 -0.24	34.49 2.70 0.00	32.94 2.57 -0.02	35.14 2.24 -0.30	31.27 1.82 -1.18
ASTORIA_GT_7 24107	34.93 2.18 0.00	33.72 1.92 0.00	31.39 1.73 0.00	30.21 1.65 0.00	29.11 1.56 0.00	30.93 1.64 0.00	31.08 1.89 0.00	29.36 1.98 0.00	28.48 2.01 0.00	31.70 2.21 0.00	35.49 2.59 0.00	34.60 2.75 0.00	35.41 2.49 -7.92	32.02 3.09 0.00	34.34 3.37 -0.01	38.76 3.12 -7.13	59.63 2.58 -32.12	1382.06 2.99 -1345.18	163.78 2.88 -128.73	34.25 2.81 -0.24	34.49 2.70 0.00	32.94 2.57 -0.02	35.14 2.24 -0.30	31.27 1.82 -1.18
ASTORIA_GT_8 24108	34.92 2.17 0.00	33.73 1.92 0.00	31.39 1.73 0.00	30.21 1.65 0.00	29.11 1.56 0.00	30.93 1.64 0.00	31.08 1.90 0.00	29.36 1.98 0.00	28.48 2.01 0.00	31.71 2.21 0.00	35.50 2.60 0.00	34.61 2.77 0.00	35.41 2.49 -7.92	32.02 3.09 0.00	34.35 3.38 -0.01	38.76 3.12 -7.13	59.63 2.58 -32.12	1382.06 3.00 -1345.18	163.78 2.89 -128.73	34.25 2.81 -0.24	34.48 2.70 0.00	32.94 2.57 -0.02	35.14 2.24 -0.30	31.27 1.82 -1.18
ASTORIA___2 24149	34.86 2.11 0.00	33.66 1.86 0.00	31.34 1.68 0.00	30.16 1.60 0.00	29.05 1.50 0.00	30.87 1.58 0.00	31.02 1.84 0.00	29.30 1.92 0.00	28.42 1.95 0.00	31.63 2.13 0.00	35.41 2.51 0.00	34.53 2.69 0.00	35.34 2.42 -7.92	31.95 3.02 0.00	34.25 3.28 -0.01	38.68 3.04 -7.13	59.56 2.51 -32.12	1381.96 2.90 -1345.18	163.69 2.80 -128.73	34.17 2.73 -0.24	34.40 2.62 0.00	32.86 2.48 -0.02	35.06 2.17 -0.30	31.20 1.75 -1.18
ASTORIA___3 23516	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.10 1.54 0.00	28.99 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.34 2.44 0.00	34.45 2.60 0.00	35.33 2.40 -7.92	31.91 2.99 0.00	34.22 3.25 0.00	38.69 3.05 -7.12	59.56 2.52 -32.12	1381.97 2.90 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.11 -0.30	31.16 1.71 -1.18
ASTORIA___4 23517	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	29.00 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.23 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.34 2.45 0.00	34.46 2.61 0.00	35.33 2.40 -7.92	31.91 2.99 0.00	34.23 3.26 0.00	38.69 3.06 -7.12	59.56 2.52 -32.12	1381.97 2.91 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.12 -0.30	31.16 1.71 -1.18
ASTORIA___5 23518	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	28.99 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.35 2.45 0.00	34.45 2.60 0.00	35.33 2.41 -7.92	31.91 2.99 0.00	34.22 3.25 0.00	38.69 3.05 -7.12	59.56 2.52 -32.12	1381.97 2.90 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.11 -0.30	31.16 1.71 -1.18
AST_ENERGY_2_CC3 323677	34.65 1.90 0.00	33.47 1.66 0.00	31.14 1.49 0.00	29.99 1.43 0.00	28.88 1.34 0.00	30.69 1.41 0.00	30.82 1.64 0.00	29.12 1.75 0.00	28.23 1.77 0.00	31.49 2.00 0.00	35.22 2.33 0.00	34.29 2.44 0.00	35.25 2.32 -7.93	31.82 2.89 0.00	34.11 3.15 0.00	38.61 2.97 -7.12	59.53 2.49 -32.12	1382.02 2.93 -1345.21	163.71 2.81 -128.73	34.08 2.65 -0.24	34.31 2.53 0.00	32.76 2.39 -0.02	34.96 2.07 -0.30	31.13 1.69 -1.18
AST_ENERGY_2_CC4 323678	34.65 1.90 0.00	33.47 1.66 0.00	31.14 1.49 0.00	29.99 1.43 0.00	28.88 1.34 0.00	30.69 1.41 0.00	30.82 1.64 0.00	29.12 1.75 0.00	28.23 1.77 0.00	31.49 2.00 0.00	35.22 2.33 0.00	34.29 2.44 0.00	35.25 2.32 -7.93	31.82 2.89 0.00	34.11 3.15 0.00	38.61 2.97 -7.12	59.53 2.49 -32.12	1382.02 2.93 -1345.21	163.71 2.81 -128.73	34.08 2.65 -0.24	34.31 2.53 0.00	32.76 2.39 -0.02	34.96 2.07 -0.30	31.13 1.69 -1.18
ATHENS_STG_1 23668	33.88 1.12 0.00	32.83 1.02 0.00	30.58 0.92 0.00	29.45 0.89 0.00	28.41 0.86 0.00	30.17 0.88 0.00	30.19 1.00 0.00	28.33 0.95 0.00	27.33 0.86 0.00	30.45 0.95 0.00	34.00 1.11 0.00	33.06 1.21 0.00	28.29 1.18 -2.11	30.35 1.43 0.00	32.50 1.53 0.00	29.87 1.35 0.00	26.03 1.10 0.00	35.75 1.15 -0.71	33.40 1.23 0.00	32.46 1.23 -0.03	32.99 1.21 0.00	31.50 1.15 0.00	33.41 0.82 0.00	29.07 0.80 0.00
ATHENS_STG_2 23670	33.88 1.12 0.00	32.83 1.02 0.00	30.58 0.92 0.00	29.45 0.89 0.00	28.41 0.86 0.00	30.17 0.88 0.00	30.19 1.00 0.00	28.33 0.95 0.00	27.33 0.86 0.00	30.45 0.95 0.00	34.00 1.11 0.00	33.06 1.21 0.00	28.29 1.18 -2.11	30.35 1.43 0.00	32.50 1.53 0.00	29.87 1.35 0.00	26.03 1.10 0.00	35.75 1.15 -0.71	33.40 1.23 0.00	32.46 1.23 -0.03	32.99 1.21 0.00	31.50 1.15 0.00	33.41 0.82 0.00	29.07 0.80 0.00

ATHENS_STG_3 23677	33.88 1.12 0.00	32.83 1.02 0.00	30.58 0.92 0.00	29.45 0.89 0.00	28.41 0.86 0.00	30.17 0.88 0.00	30.19 1.00 0.00	28.33 0.95 0.00	27.33 0.86 0.00	30.45 0.95 0.00	34.00 1.11 0.00	33.06 1.21 0.00	28.29 1.18 -2.11	30.35 1.43 0.00	32.50 1.53 0.00	29.87 1.35 0.00	26.03 1.10 0.00	35.75 1.15 -0.71	33.40 1.23 0.00	32.46 1.23 -0.03	32.99 1.21 0.00	31.50 1.15 0.00	33.41 0.82 0.00	29.07 0.80 0.00
AUBURN____LFGE 323710	32.88 0.14 0.00	32.03 0.22 0.00	29.83 0.18 0.00	28.78 0.21 0.00	27.82 0.27 0.00	29.47 0.19 0.00	29.43 0.24 0.00	27.61 0.23 0.00	26.80 0.33 0.00	29.74 0.24 0.00	33.24 0.34 0.00	32.20 0.35 0.00	25.44 0.44 0.00	29.52 0.59 0.00	31.56 0.59 0.00	29.17 0.66 0.00	25.55 0.63 0.00	34.60 0.71 0.00	32.86 0.69 0.00	31.96 0.77 0.00	32.59 0.81 0.00	31.16 0.81 0.00	33.28 0.69 0.00	28.75 0.49 0.00
BABYLON_RES_REC 323704	35.71 2.90 -0.06	35.73 2.71 -1.22	48.67 2.52 -16.49	30.95 2.38 0.00	29.80 2.25 0.00	31.66 2.38 0.00	31.69 2.50 0.00	30.19 2.55 -0.26	28.95 2.48 0.00	32.52 2.75 -0.28	40.00 3.25 -3.86	53.73 3.18 -18.69	52.91 2.77 -25.14	84.77 3.25 -52.59	171.27 3.39 -136.91	53.96 3.10 -22.35	48.00 2.55 -20.53	45.47 3.07 -8.51	40.96 3.02 -5.78	35.45 2.89 -1.37	34.68 2.82 -0.09	35.06 3.07 -1.64	35.39 2.80 0.00	37.19 2.33 -6.60
BABYLON__69_KV_BK2 356345	36.21 3.40 -0.06	36.14 3.12 -1.22	49.06 2.92 -16.48	31.33 2.77 0.00	30.18 2.63 0.00	32.10 2.81 0.00	32.11 2.93 0.00	30.62 2.99 -0.26	29.39 2.93 0.00	33.02 3.25 -0.28	40.59 3.84 -3.86	54.50 3.96 -18.69	54.63 3.45 -26.18	85.62 4.10 -52.60	172.21 4.33 -136.91	54.83 3.97 -22.35	51.39 3.32 -23.14	49.78 4.11 -11.78	43.44 3.97 -7.30	39.66 3.72 -4.74	35.66 3.56 -0.32	35.61 3.59 -1.67	35.97 3.38 0.00	37.68 2.82 -6.60
BARON_WINDS____WT_PWR 323822	32.80 0.05 0.00	31.60 -0.20 0.00	29.52 -0.14 0.00	28.36 -0.19 0.00	27.43 -0.12 0.00	29.25 -0.04 0.00	29.26 0.08 0.00	27.21 -0.16 0.00	26.48 0.02 0.00	29.62 0.13 0.00	32.98 0.09 0.00	31.81 -0.04 0.00	25.21 0.21 0.00	29.42 0.49 0.00	31.50 0.53 0.00	29.27 0.75 0.00	25.56 0.64 0.00	34.81 0.92 0.00	33.09 0.93 0.00	31.97 0.77 0.00	32.77 0.99 0.00	31.41 1.06 0.00	33.57 0.98 0.00	29.12 0.85 0.00
BARRETT_IC_1 23704	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_10 23701	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_11 23702	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_12 23703	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_2 23705	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_3 23706	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_4 23707	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_5 23708	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_6 23709	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_7 23710	35.37 2.56 -0.06	35.32 2.30 -1.22	48.24 2.10 -16.48	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.02 0.00	31.26 2.07 0.00	29.67 2.03 -0.26	28.47 2.01 0.00	31.97 2.20 -0.28	39.34 2.59 -3.86	53.18 2.64 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.12 3.24 -136.91	53.80 2.94 -22.35	46.87 2.39 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60

BARRETT_IC_8 23711	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT_IC_9 23700	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT___1 23545	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BARRETT___2 23546	35.37 2.56 -0.07	35.32 2.30 -1.22	48.24 2.10 -16.49	30.56 2.00 0.00	29.44 1.89 0.00	31.31 2.03 0.00	31.26 2.07 0.00	29.66 2.03 -0.26	28.47 2.01 0.00	31.97 2.19 -0.28	39.35 2.59 -3.86	53.17 2.63 -18.69	52.15 2.41 -24.75	84.53 3.01 -52.59	171.11 3.23 -136.91	53.80 2.94 -22.35	46.87 2.38 -19.56	43.92 2.73 -7.29	40.09 2.70 -5.21	33.79 2.48 -0.11	34.14 2.36 0.00	34.39 2.41 -1.63	34.78 2.19 0.00	36.72 1.86 -6.60
BATAVIA___115KV_TB1 55881	32.92 0.16 0.00	31.75 -0.05 0.00	29.73 0.08 0.00	28.58 0.03 0.00	27.66 0.12 0.00	29.60 0.31 0.00	29.55 0.37 0.00	27.34 -0.03 0.00	26.61 0.14 0.00	29.74 0.25 0.00	33.10 0.19 0.00	31.98 0.13 0.00	25.38 0.38 0.00	29.51 0.59 0.00	31.60 0.63 0.00	29.44 0.92 0.00	25.87 0.94 0.00	35.27 1.39 0.00	33.66 1.49 0.00	32.47 1.27 0.00	33.39 1.61 0.00	32.07 1.71 0.00	34.30 1.71 0.00	29.85 1.58 0.00
BAYONEEC___CTG1 323682	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG10 323750	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG2 323683	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG3 323684	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG4 323685	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG5 323686	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG6 323687	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG7 323688	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG8 323689	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18
BAYONEEC___CTG9 323749	34.66 1.92 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.36 0.00	30.73 1.44 0.00	30.86 1.67 0.00	29.15 1.77 0.00	28.26 1.80 0.00	31.52 2.02 0.00	35.25 2.35 0.00	34.31 2.46 0.00	35.27 2.35 -7.93	31.86 2.94 0.00	34.15 3.19 0.00	37.35 2.99 -5.84	35.84 2.49 -8.42	58.86 2.93 -22.05	44.88 2.81 -9.90	33.70 2.65 0.14	34.07 2.53 0.23	32.76 2.39 -0.02	34.98 2.08 -0.30	31.16 1.71 -1.18

BEACON___LESR 323632	33.90 1.15 0.00	32.92 1.11 0.00	30.64 0.98 0.00	29.48 0.93 0.00	28.46 0.91 0.00	30.27 0.98 0.00	30.22 1.04 0.00	28.31 0.93 0.00	27.28 0.81 0.00	30.43 0.94 0.00	34.01 1.11 0.00	33.07 1.23 0.00	27.94 1.13 -1.82	30.32 1.40 0.00	32.49 1.53 0.00	29.74 1.23 0.00	25.97 1.05 0.00	35.69 1.10 -0.69	33.30 1.13 0.00	32.41 1.18 -0.03	32.86 1.08 0.00	31.33 0.98 0.00	33.26 0.67 0.00	28.90 0.63 0.00
BEAVER RIVER___HYD 24048	33.42 0.66 0.00	32.32 0.52 0.00	30.09 0.43 0.00	28.96 0.40 0.00	27.90 0.35 0.00	29.64 0.35 0.00	29.56 0.37 0.00	27.73 0.35 0.00	26.85 0.39 0.00	29.96 0.47 0.00	33.28 0.39 0.00	32.21 0.35 0.00	24.99 -0.01 0.00	28.94 0.02 0.00	30.88 -0.08 0.00	28.23 -0.29 0.00	24.58 -0.35 0.00	33.98 0.10 0.00	32.51 0.34 0.00	31.43 0.23 0.00	32.07 0.29 0.00	30.76 0.41 0.00	33.39 0.80 0.00	28.87 0.61 0.00
BEEBEE_GT_13 23619	32.50 -0.25 0.00	31.42 -0.38 0.00	29.37 -0.28 0.00	28.25 -0.31 0.00	27.31 -0.23 0.00	29.13 -0.15 0.00	29.08 -0.10 0.00	27.08 -0.30 0.00	26.31 -0.15 0.00	29.38 -0.12 0.00	32.72 -0.17 0.00	31.65 -0.20 0.00	25.07 0.07 0.00	29.11 0.18 0.00	31.18 0.21 0.00	28.97 0.45 0.00	25.38 0.45 0.00	34.63 0.74 0.00	32.96 0.79 0.00	31.85 0.65 0.00	32.61 0.83 0.00	31.27 0.92 0.00	33.42 0.83 0.00	29.03 0.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.20 2.45 0.00	33.96 2.16 0.00	31.63 1.98 0.00	30.44 1.88 0.00	29.30 1.75 0.00	31.11 1.82 0.00	31.26 2.07 0.00	29.53 2.16 0.00	28.65 2.18 0.00	31.94 2.45 0.00	35.76 2.86 0.00	34.89 3.04 0.00	35.68 2.76 -7.92	32.32 3.40 0.00	34.69 3.72 0.00	39.15 3.51 -7.12	59.96 2.91 -32.12	1382.48 3.42 -1345.18	164.18 3.28 -128.73	34.59 3.16 -0.24	34.82 3.04 0.00	33.31 2.94 -0.02	35.53 2.64 -0.30	31.61 2.16 -1.18
BETHLEHEM___GRP 23843	33.31 0.56 0.00	32.38 0.58 0.00	30.17 0.52 0.00	29.07 0.52 0.00	28.04 0.50 0.00	29.77 0.48 0.00	29.71 0.53 0.00	27.83 0.46 0.00	26.84 0.37 0.00	29.93 0.43 0.00	33.41 0.51 0.00	32.50 0.65 0.00	27.50 0.69 -1.81	29.73 0.80 0.00	31.82 0.85 0.00	29.11 0.59 0.00	25.41 0.48 0.00	34.87 0.30 -0.69	32.65 0.48 0.00	31.76 0.54 -0.03	32.30 0.52 0.00	30.83 0.48 0.00	32.69 0.10 0.00	28.45 0.19 0.00
BETHLEHEM___GS1 323560	33.31 0.56 0.00	32.38 0.58 0.00	30.17 0.52 0.00	29.07 0.51 0.00	28.04 0.50 0.00	29.77 0.48 0.00	29.71 0.53 0.00	27.83 0.45 0.00	26.84 0.37 0.00	29.93 0.44 0.00	33.41 0.51 0.00	32.49 0.64 0.00	27.50 0.69 -1.81	29.73 0.80 0.00	31.81 0.85 0.00	29.11 0.59 0.00	25.40 0.48 0.00	34.87 0.30 -0.69	32.65 0.48 0.00	31.76 0.54 -0.03	32.30 0.52 0.00	30.83 0.48 0.00	32.69 0.10 0.00	28.46 0.19 0.00
BETHLEHEM___GS2 323561	33.31 0.56 0.00	32.38 0.58 0.00	30.17 0.52 0.00	29.07 0.51 0.00	28.04 0.50 0.00	29.77 0.48 0.00	29.71 0.53 0.00	27.83 0.45 0.00	26.84 0.37 0.00	29.93 0.44 0.00	33.41 0.51 0.00	32.49 0.64 0.00	27.50 0.69 -1.81	29.73 0.80 0.00	31.81 0.85 0.00	29.11 0.59 0.00	25.40 0.48 0.00	34.87 0.30 -0.69	32.65 0.48 0.00	31.76 0.54 -0.03	32.30 0.52 0.00	30.83 0.48 0.00	32.69 0.10 0.00	28.46 0.19 0.00
BETHLEHEM___GS3 323562	33.31 0.56 0.00	32.38 0.58 0.00	30.17 0.52 0.00	29.07 0.51 0.00	28.04 0.50 0.00	29.77 0.48 0.00	29.71 0.53 0.00	27.83 0.45 0.00	26.84 0.37 0.00	29.93 0.44 0.00	33.41 0.51 0.00	32.49 0.64 0.00	27.50 0.69 -1.81	29.73 0.80 0.00	31.81 0.85 0.00	29.11 0.59 0.00	25.40 0.48 0.00	34.87 0.30 -0.69	32.65 0.48 0.00	31.76 0.54 -0.03	32.30 0.52 0.00	30.83 0.48 0.00	32.69 0.10 0.00	28.46 0.19 0.00
BETHLEHEM___STEEL 23779	32.46 -0.29 0.00	31.31 -0.50 0.00	29.31 -0.34 0.00	28.19 -0.37 0.00	27.29 -0.26 0.00	29.14 -0.15 0.00	29.07 -0.11 0.00	26.90 -0.47 0.00	26.19 -0.28 0.00	29.26 -0.23 0.00	32.56 -0.34 0.00	31.44 -0.41 0.00	25.02 0.02 0.00	29.16 0.24 0.00	31.23 0.27 0.00	29.18 0.66 0.00	25.57 0.64 0.00	34.88 0.99 0.00	33.17 0.99 0.00	31.94 0.74 0.00	32.83 1.05 0.00	31.57 1.22 0.00	33.82 1.23 0.00	29.43 1.17 0.00
BETHLHEM_115KV_TB1 79974	33.39 0.65 0.00	32.46 0.65 0.00	30.23 0.58 0.00	29.13 0.57 0.00	28.12 0.57 0.00	29.84 0.55 0.00	29.79 0.61 0.00	27.91 0.53 0.00	26.91 0.44 0.00	30.01 0.52 0.00	33.51 0.61 0.00	32.58 0.73 0.00	27.56 0.76 -1.80	29.81 0.88 0.00	31.91 0.94 0.00	29.20 0.68 0.00	25.48 0.56 0.00	34.98 0.41 -0.69	32.75 0.58 0.00	31.85 0.63 -0.03	32.39 0.61 0.00	30.92 0.57 0.00	32.79 0.20 0.00	28.54 0.28 0.00
BETHPAGE_CC_5 323564	35.49 2.68 -0.06	35.49 2.47 -1.22	48.42 2.28 -16.49	30.72 2.15 0.00	29.58 2.03 0.00	31.45 2.16 0.00	31.48 2.30 0.00	29.94 2.30 -0.26	28.71 2.24 0.00	32.24 2.47 -0.28	39.65 2.89 -3.86	53.52 2.98 -18.69	52.44 2.69 -24.75	84.81 3.28 -52.59	171.41 3.53 -136.91	54.11 3.25 -22.35	47.17 2.68 -19.56	44.38 3.20 -7.29	40.51 3.13 -5.21	34.22 2.91 -0.11	34.53 2.75 0.00	34.73 2.75 -1.63	35.04 2.44 0.00	36.90 2.04 -6.60
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.55 -0.20 0.00	31.37 -0.43 0.00	29.38 -0.28 0.00	28.24 -0.32 0.00	27.34 -0.21 0.00	29.20 -0.09 0.00	29.15 -0.04 0.00	26.98 -0.40 0.00	26.26 -0.20 0.00	29.36 -0.14 0.00	32.68 -0.22 0.00	31.55 -0.30 0.00	25.11 0.11 0.00	29.27 0.34 0.00	31.35 0.39 0.00	29.28 0.77 0.00	25.67 0.74 0.00	35.01 1.13 0.00	33.29 1.12 0.00	32.04 0.85 0.00	32.93 1.15 0.00	31.67 1.32 0.00	33.91 1.32 0.00	29.49 1.23 0.00
BINGHAMTON___COGEN 23790	32.95 0.20 0.00	31.84 0.03 0.00	29.70 0.05 0.00	28.56 0.00 0.00	27.59 0.04 0.00	29.35 0.06 0.00	29.40 0.22 0.00	27.55 0.17 0.00	26.71 0.24 0.00	29.80 0.31 0.00	33.20 0.30 0.00	32.09 0.24 0.00	25.38 0.38 0.00	29.55 0.62 0.00	31.68 0.71 0.00	29.25 0.73 0.00	25.52 0.59 0.00	34.63 0.74 0.00	32.87 0.70 0.00	31.82 0.63 0.00	32.49 0.71 0.00	31.05 0.70 0.00	33.14 0.55 0.00	28.71 0.44 0.00
BIXINCNT_115KV_LOAD 355685	32.77 0.02 0.00	31.50 -0.30 0.00	29.51 -0.15 0.00	28.33 -0.23 0.00	27.42 -0.13 0.00	29.35 0.06 0.00	29.37 0.19 0.00	27.19 -0.18 0.00	26.46 -0.01 0.00	29.70 0.21 0.00	33.09 0.19 0.00	31.84 -0.01 0.00	25.32 0.31 0.00	29.53 0.61 0.00	31.63 0.67 0.00	29.52 1.00 0.00	25.82 0.90 0.00	35.24 1.35 0.00	33.46 1.29 0.00	32.18 0.99 0.00	33.04 1.26 0.00	31.76 1.41 0.00	34.00 1.41 0.00	29.57 1.31 0.00
BLACK RIVER___HYD 24047	33.56 0.81 0.00	32.38 0.57 0.00	30.14 0.49 0.00	29.00 0.45 0.00	27.96 0.41 0.00	29.77 0.48 0.00	29.76 0.58 0.00	27.93 0.56 0.00	27.05 0.58 0.00	30.20 0.71 0.00	33.62 0.73 0.00	32.52 0.68 0.00	25.35 0.35 0.00	29.39 0.46 0.00	31.29 0.32 0.00	28.46 -0.05 0.00	24.76 -0.16 0.00	34.37 0.48 0.00	33.02 0.85 0.00	31.90 0.70 0.00	32.58 0.80 0.00	31.26 0.91 0.00	33.69 1.10 0.00	29.09 0.82 0.00

BLACKRVR_115KV_TB2 79977	33.56 0.81 0.00	32.38 0.58 0.00	30.15 0.49 0.00	29.01 0.45 0.00	27.96 0.41 0.00	29.77 0.48 0.00	29.76 0.58 0.00	27.93 0.56 0.00	27.05 0.59 0.00	30.20 0.70 0.00	33.62 0.73 0.00	32.53 0.68 0.00	25.35 0.35 0.00	29.39 0.46 0.00	31.28 0.32 0.00	28.47 -0.05 0.00	24.76 -0.16 0.00	34.37 0.49 0.00	33.01 0.84 0.00	31.90 0.70 0.00	32.58 0.80 0.00	31.27 0.91 0.00	33.69 1.10 0.00	29.09 0.82 0.00
BLISS_WT_PWR 323608	32.77 0.02 0.00	31.52 -0.29 0.00	29.52 -0.14 0.00	28.34 -0.22 0.00	27.42 -0.13 0.00	29.34 0.06 0.00	29.36 0.17 0.00	27.17 -0.20 0.00	26.43 -0.04 0.00	29.70 0.20 0.00	33.11 0.21 0.00	31.87 0.02 0.00	25.32 0.32 0.00	29.54 0.62 0.00	31.67 0.70 0.00	29.53 1.01 0.00	25.84 0.91 0.00	35.25 1.37 0.00	33.47 1.30 0.00	32.17 0.98 0.00	33.03 1.25 0.00	31.76 1.41 0.00	34.00 1.41 0.00	29.57 1.31 0.00
BLUE_CIRC_CHEM_DRP 24182	33.82 1.07 0.00	32.87 1.06 0.00	30.64 0.99 0.00	29.52 0.96 0.00	28.49 0.94 0.00	30.25 0.96 0.00	30.20 1.02 0.00	28.26 0.89 0.00	27.22 0.76 0.00	30.35 0.85 0.00	33.85 0.96 0.00	32.89 1.04 0.00	27.66 0.99 -1.67	30.07 1.15 0.00	32.17 1.21 0.00	29.39 0.88 0.00	25.66 0.73 0.00	35.19 0.68 -0.62	33.02 0.85 0.00	32.12 0.90 -0.03	32.70 0.91 0.00	31.22 0.87 0.00	33.14 0.55 0.00	28.86 0.59 0.00
BOC_GAS_DRP 24189	33.59 0.85 0.00	32.61 0.81 0.00	30.39 0.73 0.00	29.28 0.72 0.00	28.25 0.70 0.00	30.00 0.71 0.00	29.96 0.77 0.00	28.08 0.70 0.00	27.09 0.62 0.00	30.19 0.70 0.00	33.71 0.81 0.00	32.77 0.92 0.00	27.66 0.90 -1.76	30.00 1.07 0.00	32.10 1.14 0.00	29.40 0.88 0.00	25.65 0.72 0.00	35.20 0.65 -0.66	32.95 0.78 0.00	32.05 0.82 -0.03	32.60 0.82 0.00	31.13 0.78 0.00	33.05 0.46 0.00	28.76 0.49 0.00
BOONVILLE_115KV_TB1 79983	33.54 0.78 0.00	32.38 0.58 0.00	30.16 0.51 0.00	29.03 0.46 0.00	28.01 0.47 0.00	29.87 0.59 0.00	29.85 0.67 0.00	28.01 0.63 0.00	27.18 0.71 0.00	30.32 0.83 0.00	33.81 0.92 0.00	32.72 0.87 0.00	25.66 0.66 0.00	29.76 0.84 0.00	31.83 0.86 0.00	29.25 0.73 0.00	25.52 0.59 0.00	34.84 0.95 0.00	33.21 1.04 0.00	32.17 0.98 0.00	32.82 1.04 0.00	31.34 0.99 0.00	33.59 1.00 0.00	29.05 0.78 0.00
BORALEX_4TH_BRANCH 23824	34.49 1.74 0.00	33.72 1.92 0.00	31.46 1.81 0.00	30.33 1.77 0.00	29.30 1.75 0.00	31.04 1.75 0.00	30.80 1.61 0.00	28.75 1.38 0.00	27.64 1.18 0.00	30.79 1.29 0.00	34.33 1.43 0.00	33.45 1.60 0.00	28.44 1.44 -2.00	30.50 1.58 0.00	32.58 1.62 0.00	29.65 1.13 0.00	25.90 0.98 0.00	35.58 0.89 -0.80	33.45 1.28 0.00	32.85 1.62 -0.03	33.50 1.72 0.00	31.97 1.61 0.00	33.82 1.23 0.00	29.54 1.27 0.00
BOWLINE___1 23526	34.38 1.62 0.00	33.19 1.39 0.00	30.89 1.24 0.00	29.74 1.18 0.00	28.65 1.10 0.00	30.46 1.17 0.00	30.57 1.39 0.00	28.78 1.40 0.00	27.86 1.39 0.00	31.07 1.58 0.00	34.76 1.86 0.00	33.81 1.96 0.00	15.60 1.87 11.27	31.26 2.33 0.00	33.52 2.55 0.00	34.59 2.37 -3.71	29.89 1.95 -3.01	33.75 2.27 2.40	34.36 2.19 0.00	33.08 2.04 0.15	33.73 1.95 0.00	32.23 1.88 0.00	34.15 1.55 0.00	29.49 1.23 0.00
BOWLINE___2 23595	34.38 1.63 0.00	33.19 1.39 0.00	30.90 1.24 0.00	29.74 1.18 0.00	28.65 1.11 0.00	30.46 1.17 0.00	30.57 1.39 0.00	28.78 1.40 0.00	27.87 1.40 0.00	31.08 1.59 0.00	34.78 1.88 0.00	33.84 2.00 0.00	15.62 1.90 11.28	31.30 2.38 0.00	33.56 2.59 0.00	34.64 2.41 -3.71	29.94 1.99 -3.02	33.82 2.33 2.40	34.42 2.25 0.00	33.14 2.10 0.15	33.77 1.99 0.00	32.25 1.90 0.00	34.17 1.57 0.00	29.54 1.27 0.00
BRADY___115KV_TB2 356060	33.51 0.75 0.00	32.55 0.75 0.00	30.33 0.68 0.00	29.25 0.69 0.00	28.15 0.60 0.00	29.89 0.60 0.00	29.62 0.43 0.00	27.77 0.39 0.00	26.82 0.35 0.00	29.92 0.43 0.00	33.00 0.10 0.00	32.04 0.19 0.00	24.39 -0.61 0.00	28.10 -0.83 0.00	30.07 -0.89 0.00	27.73 -0.79 0.00	24.31 -0.62 0.00	33.43 -0.45 0.00	31.67 -0.50 0.00	30.69 -0.50 0.00	31.24 -0.54 0.00	29.88 -0.47 0.00	33.19 0.59 0.00	28.75 0.48 0.00
BRANSCOMB___SOLAR 323811	34.57 1.81 0.00	33.61 1.80 0.00	31.33 1.68 0.00	30.17 1.61 0.00	29.12 1.58 0.00	30.89 1.60 0.00	30.86 1.68 0.00	28.88 1.50 0.00	27.78 1.31 0.00	31.03 1.53 0.00	34.55 1.66 0.00	33.63 1.78 0.00	28.28 1.51 -1.78	30.57 1.64 0.00	32.69 1.73 0.00	30.00 1.49 0.00	26.26 1.34 0.00	36.11 1.54 -0.69	33.96 1.79 0.00	33.07 1.85 -0.03	33.80 2.02 0.00	32.25 1.90 0.00	34.17 1.58 0.00	29.73 1.47 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.96 3.15 -0.06	35.98 2.96 -1.22	48.94 2.80 -16.48	31.22 2.66 0.00	30.07 2.52 0.00	31.96 2.67 0.00	31.95 2.77 0.00	30.47 2.84 -0.26	29.21 2.74 0.00	32.78 3.01 -0.28	40.32 3.57 -3.86	54.24 3.69 -18.69	54.23 3.23 -26.01	85.30 3.78 -52.60	171.79 3.91 -136.91	54.43 3.56 -22.35	50.60 2.96 -22.71	48.71 3.57 -11.25	42.69 3.47 -7.05	38.58 3.19 -4.19	35.05 2.99 -0.28	35.11 3.10 -1.66	35.53 2.94 0.00	37.35 2.49 -6.60
BRISTLHL_115KV_TB1 79998	32.00 -0.75 0.00	30.97 -0.83 0.00	28.88 -0.77 0.00	27.79 -0.77 0.00	26.83 -0.72 0.00	28.57 -0.71 0.00	28.55 -0.64 0.00	26.74 -0.64 0.00	25.86 -0.61 0.00	28.83 -0.67 0.00	32.15 -0.75 0.00	31.13 -0.71 0.00	24.57 -0.43 0.00	28.50 -0.43 0.00	30.46 -0.51 0.00	28.09 -0.42 0.00	24.57 -0.36 0.00	33.40 -0.49 0.00	31.82 -0.36 0.00	30.83 -0.37 0.00	31.46 -0.33 0.00	30.04 -0.31 0.00	32.09 -0.50 0.00	27.83 -0.44 0.00
BROOKHAVEN___DRP 24191	35.99 3.18 -0.06	35.98 2.96 -1.22	48.99 2.85 -16.48	31.30 2.74 0.00	30.14 2.59 0.00	32.04 2.75 0.00	31.99 2.81 0.00	30.54 2.90 -0.26	29.24 2.78 0.00	32.75 2.98 -0.28	40.19 3.44 -3.86	54.05 3.50 -18.70	59.91 3.07 -31.84	85.34 3.79 -52.61	171.87 3.99 -136.91	54.43 3.55 -22.36	65.22 3.01 -37.29	67.06 3.64 -29.53	51.30 3.56 -15.57	57.59 3.36 -23.03	36.57 3.20 -1.58	35.37 3.20 -1.81	35.54 2.95 0.00	37.36 2.50 -6.60
BROOKLYN_NAVY_YARD 23515	34.69 1.94 0.00	33.52 1.71 0.00	31.20 1.54 0.00	30.03 1.47 0.00	28.93 1.38 0.00	30.73 1.44 0.00	30.87 1.69 0.00	29.16 1.79 0.00	28.28 1.81 0.00	31.52 2.03 0.00	35.24 2.34 0.00	34.32 2.47 0.00	35.28 2.36 -7.93	31.84 2.91 0.00	34.11 3.14 0.00	38.59 2.95 -7.12	59.50 2.45 -32.12	1381.97 2.90 -1345.18	163.67 2.77 -128.73	34.05 2.61 -0.24	34.28 2.49 0.00	32.74 2.36 -0.02	34.97 2.07 -0.30	31.13 1.68 -1.18
BROOKLYN___ARMY_DRP 323595	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18



BROOKVLE_69_KV_TB1 55790	35.43 2.62 -0.06	35.40 2.38 -1.22	48.28 2.14 -16.48	30.60 2.04 0.00	29.48 1.93 0.00	31.36 2.07 0.00	31.43 2.25 0.00	29.93 2.29 -0.26	28.74 2.27 0.00	32.22 2.45 -0.28	39.66 2.90 -3.86	53.57 3.03 -18.69	52.49 2.74 -24.75	84.90 3.38 -52.59	171.57 3.70 -136.91	54.29 3.43 -22.35	47.32 2.83 -19.56	44.58 3.40 -7.29	40.68 3.30 -5.21	34.38 3.07 -0.11	34.70 2.91 0.00	34.79 2.81 -1.63	35.06 2.46 0.00	36.90 2.04 -6.60
BROOME_2_LFGE 323671	32.95 0.20 0.00	31.84 0.03 0.00	29.70 0.05 0.00	28.56 0.00 0.00	27.59 0.04 0.00	29.35 0.06 0.00	29.41 0.22 0.00	27.55 0.17 0.00	26.71 0.24 0.00	29.81 0.31 0.00	33.20 0.30 0.00	32.09 0.24 0.00	25.37 0.37 0.00	29.55 0.62 0.00	31.68 0.72 0.00	29.24 0.73 0.00	25.52 0.59 0.00	34.63 0.74 0.00	32.87 0.70 0.00	31.82 0.63 0.00	32.49 0.71 0.00	31.06 0.70 0.00	33.14 0.55 0.00	28.71 0.44 0.00
BROOME___LFGE 323600	32.95 0.20 0.00	31.84 0.03 0.00	29.70 0.05 0.00	28.56 0.00 0.00	27.59 0.04 0.00	29.35 0.06 0.00	29.41 0.22 0.00	27.55 0.17 0.00	26.71 0.24 0.00	29.81 0.31 0.00	33.20 0.30 0.00	32.09 0.24 0.00	25.37 0.37 0.00	29.55 0.62 0.00	31.68 0.72 0.00	29.24 0.73 0.00	25.52 0.59 0.00	34.63 0.74 0.00	32.87 0.70 0.00	31.82 0.63 0.00	32.49 0.71 0.00	31.06 0.70 0.00	33.14 0.55 0.00	28.71 0.44 0.00
BROWNFLS_115KV_TB_3_5 80003	33.20 0.45 0.00	32.21 0.40 0.00	29.96 0.30 0.00	28.87 0.30 0.00	27.78 0.23 0.00	29.40 0.12 0.00	29.21 0.02 0.00	27.36 -0.02 0.00	26.47 0.01 0.00	29.53 0.04 0.00	32.76 -0.14 0.00	31.70 -0.15 0.00	24.36 -0.64 0.00	28.13 -0.79 0.00	30.06 -0.90 0.00	27.56 -0.96 0.00	24.05 -0.88 0.00	33.18 -0.70 0.00	31.62 -0.55 0.00	30.60 -0.59 0.00	31.19 -0.59 0.00	29.94 -0.41 0.00	32.95 0.36 0.00	28.56 0.29 0.00
BROWNSV1_27_KV_LOAD 356125	35.13 2.38 0.00	33.91 2.11 0.00	31.55 1.90 0.00	30.36 1.81 0.00	29.26 1.71 0.00	31.09 1.80 0.00	31.24 2.06 0.00	29.52 2.15 0.00	28.63 2.16 0.00	31.95 2.45 0.00	35.76 2.86 0.00	34.82 2.98 0.00	35.67 2.74 -7.93	32.34 3.41 0.00	34.69 3.72 0.00	39.14 3.50 -7.12	60.00 2.95 -32.12	1382.63 3.56 -1345.18	164.30 3.40 -128.73	34.65 3.21 -0.24	34.87 3.09 0.00	33.31 2.94 -0.02	35.55 2.66 -0.30	31.61 2.16 -1.18
BURROWS___LYONSDAL 23803	33.48 0.72 0.00	32.35 0.54 0.00	30.13 0.48 0.00	28.99 0.43 0.00	27.96 0.41 0.00	29.79 0.50 0.00	29.76 0.58 0.00	27.92 0.54 0.00	27.08 0.61 0.00	30.21 0.72 0.00	33.65 0.76 0.00	32.58 0.72 0.00	25.49 0.49 0.00	29.55 0.62 0.00	31.58 0.61 0.00	28.99 0.47 0.00	25.27 0.34 0.00	34.61 0.72 0.00	33.01 0.84 0.00	31.98 0.78 0.00	32.61 0.83 0.00	31.18 0.83 0.00	33.51 0.92 0.00	28.97 0.71 0.00
CAITHNESS_CC_1 323624	35.88 3.06 -0.06	35.89 2.87 -1.22	48.91 2.77 -16.49	31.20 2.64 0.00	30.04 2.50 0.00	31.93 2.64 0.00	31.88 2.70 0.00	30.44 2.80 -0.26	29.14 2.68 0.00	32.66 2.88 -0.28	40.09 3.34 -3.86	53.94 3.40 -18.70	59.73 3.00 -31.73	85.22 3.69 -52.61	171.74 3.87 -136.91	54.33 3.45 -22.36	64.86 2.91 -37.02	66.59 3.51 -29.20	51.01 3.42 -15.41	57.10 3.22 -22.69	36.40 3.06 -1.56	35.24 3.08 -1.81	35.42 2.83 0.00	37.25 2.39 -6.60
CALPINE BETH_PAGE_GT4 24209	35.50 2.69 -0.06	35.47 2.45 -1.22	48.38 2.24 -16.48	30.68 2.12 0.00	29.56 2.01 0.00	31.44 2.15 0.00	31.46 2.28 0.00	29.88 2.24 -0.26	28.67 2.21 0.00	32.21 2.44 -0.28	39.61 2.85 -3.86	53.49 2.95 -18.69	52.42 2.67 -24.75	84.79 3.27 -52.59	171.41 3.53 -136.91	54.10 3.24 -22.35	47.16 2.67 -19.56	44.37 3.19 -7.29	40.50 3.12 -5.21	34.22 2.92 -0.11	34.53 2.75 0.00	34.72 2.73 -1.63	35.02 2.43 0.00	36.88 2.02 -6.60
CALPINE_BETH_PAGE_GT_4 323586	35.50 2.69 -0.06	35.47 2.45 -1.22	48.39 2.25 -16.49	30.69 2.13 0.00	29.56 2.01 0.00	31.44 2.15 0.00	31.46 2.28 0.00	29.88 2.25 -0.26	28.67 2.21 0.00	32.21 2.44 -0.28	39.60 2.85 -3.86	53.49 2.94 -18.69	52.42 2.67 -24.75	84.79 3.26 -52.59	171.41 3.53 -136.91	54.10 3.24 -22.35	47.16 2.67 -19.56	44.37 3.19 -7.29	40.51 3.12 -5.21	34.22 2.91 -0.11	34.53 2.75 0.00	34.72 2.73 -1.63	35.02 2.43 0.00	36.88 2.02 -6.60
CALPINE_BP_GT1 23823	35.50 2.69 -0.06	35.47 2.45 -1.22	48.39 2.25 -16.49	30.69 2.13 0.00	29.56 2.01 0.00	31.44 2.15 0.00	31.46 2.28 0.00	29.88 2.25 -0.26	28.67 2.21 0.00	32.21 2.44 -0.28	39.60 2.85 -3.86	53.49 2.94 -18.69	52.42 2.67 -24.75	84.79 3.26 -52.59	171.41 3.53 -136.91	54.10 3.24 -22.35	47.16 2.67 -19.56	44.37 3.19 -7.29	40.51 3.12 -5.21	34.22 2.91 -0.11	34.53 2.75 0.00	34.72 2.73 -1.63	35.02 2.43 0.00	36.88 2.02 -6.60
CALSPAN___DRP 24200	32.46 -0.29 0.00	31.31 -0.50 0.00	29.31 -0.34 0.00	28.19 -0.37 0.00	27.29 -0.26 0.00	29.14 -0.15 0.00	29.07 -0.11 0.00	26.90 -0.47 0.00	26.19 -0.28 0.00	29.26 -0.23 0.00	32.56 -0.34 0.00	31.44 -0.41 0.00	25.02 0.02 0.00	29.16 0.24 0.00	31.23 0.27 0.00	29.18 0.66 0.00	25.57 0.64 0.00	34.88 0.99 0.00	33.17 0.99 0.00	31.94 0.74 0.00	32.83 1.05 0.00	31.57 1.22 0.00	33.82 1.23 0.00	29.43 1.17 0.00
CALVERTON___SOLAR 323806	36.16 3.35 -0.06	36.12 3.10 -1.22	49.14 3.00 -16.49	31.44 2.88 0.00	30.28 2.73 0.00	32.19 2.90 0.00	32.14 2.96 0.00	30.69 3.05 -0.26	29.39 2.93 0.00	32.91 3.13 -0.28	40.36 3.61 -3.86	54.20 3.65 -18.70	60.08 3.20 -31.88	85.51 3.97 -52.61	172.07 4.19 -136.91	54.59 3.71 -22.36	65.49 3.17 -37.39	67.41 3.87 -29.66	51.59 3.79 -15.63	57.94 3.58 -23.17	36.78 3.41 -1.59	35.55 3.38 -1.82	35.73 3.13 0.00	37.51 2.65 -6.60
CANDIGU_WT_PWR 323617	32.80 0.05 0.00	31.60 -0.20 0.00	29.52 -0.14 0.00	28.36 -0.19 0.00	27.43 -0.12 0.00	29.25 -0.04 0.00	29.26 0.08 0.00	27.21 -0.16 0.00	26.48 0.02 0.00	29.62 0.13 0.00	32.98 0.09 0.00	31.81 -0.04 0.00	25.21 0.21 0.00	29.42 0.49 0.00	31.50 0.53 0.00	29.27 0.75 0.00	25.56 0.64 0.00	34.81 0.92 0.00	33.09 0.93 0.00	31.97 0.77 0.00	32.77 0.99 0.00	31.41 1.06 0.00	33.57 0.98 0.00	29.12 0.85 0.00
CARR STREET_E_SYR 24060	32.35 -0.40 0.00	31.29 -0.52 0.00	29.17 -0.48 0.00	28.07 -0.49 0.00	27.11 -0.45 0.00	28.87 -0.42 0.00	28.83 -0.35 0.00	26.95 -0.43 0.00	26.05 -0.42 0.00	29.05 -0.44 0.00	32.41 -0.49 0.00	31.39 -0.46 0.00	24.77 -0.23 0.00	28.74 -0.19 0.00	30.76 -0.21 0.00	28.36 -0.15 0.00	24.81 -0.12 0.00	33.72 -0.17 0.00	32.06 -0.11 0.00	31.05 -0.14 0.00	31.68 -0.10 0.00	30.26 -0.09 0.00	32.32 -0.27 0.00	28.00 -0.26 0.00
CARTHAGE___PAPER 23857	33.67 0.92 0.00	32.52 0.72 0.00	30.27 0.62 0.00	29.14 0.58 0.00	28.08 0.53 0.00	29.87 0.58 0.00	29.82 0.63 0.00	27.97 0.59 0.00	27.09 0.63 0.00	30.24 0.74 0.00	33.59 0.70 0.00	32.48 0.64 0.00	25.21 0.22 0.00	29.19 0.27 0.00	31.17 0.21 0.00	28.42 -0.10 0.00	24.76 -0.17 0.00	34.34 0.46 0.00	32.88 0.71 0.00	31.77 0.58 0.00	32.45 0.67 0.00	31.13 0.77 0.00	33.71 1.12 0.00	29.12 0.85 0.00

CASSADAGA_WT_PWR 323784	33.38 0.63 0.00	31.98 0.18 0.00	29.83 0.18 0.00	28.79 0.23 0.00	27.82 0.27 0.00	29.30 0.01 0.00	29.39 0.21 0.00	27.36 -0.01 0.00	26.96 0.50 0.00	30.31 0.81 0.00	33.90 1.01 0.00	32.72 0.87 0.00	26.01 1.01 0.00	30.40 1.47 0.00	32.43 1.47 0.00	30.24 1.72 0.00	26.44 1.52 0.00	35.92 2.04 0.00	34.14 1.97 0.00	32.86 1.67 0.00	33.71 1.93 0.00	32.38 2.03 0.00	34.63 2.04 0.00	30.02 1.75 0.00
CE_DUNWOOD___DRP 24194	34.59 1.83 0.00	33.42 1.62 0.00	31.10 1.45 0.00	29.95 1.39 0.00	28.86 1.31 0.00	30.67 1.38 0.00	30.78 1.60 0.00	29.01 1.63 0.00	28.09 1.63 0.00	31.32 1.83 0.00	35.05 2.16 0.00	34.13 2.29 0.00	35.54 2.14 -8.40	31.58 2.66 0.00	33.86 2.90 0.00	37.29 2.68 -6.09	32.09 2.21 -4.95	39.48 2.60 -2.99	34.68 2.51 0.00	33.68 2.36 -0.12	34.04 2.25 0.00	32.49 2.14 0.00	34.39 1.80 0.00	29.78 1.51 0.00
CE_MILLWOOD___DRP 24193	34.50 1.76 0.00	33.35 1.54 0.00	31.04 1.39 0.00	29.88 1.32 0.00	28.80 1.25 0.00	30.60 1.32 0.00	30.71 1.53 0.00	28.93 1.56 0.00	28.02 1.55 0.00	31.24 1.75 0.00	34.96 2.06 0.00	34.03 2.19 0.00	35.82 2.05 -8.77	31.48 2.55 0.00	33.75 2.79 0.00	35.96 2.59 -4.86	31.01 2.13 -3.95	39.31 2.50 -2.93	34.58 2.42 0.00	34.07 2.28 -0.60	33.95 2.17 0.00	32.41 2.06 0.00	34.32 1.73 0.00	29.70 1.44 0.00
CE_NYC2_DRP 24202	34.83 2.08 0.00	33.63 1.82 0.00	31.30 1.64 0.00	30.13 1.56 0.00	29.02 1.47 0.00	30.82 1.54 0.00	30.95 1.77 0.00	29.26 1.89 0.00	28.38 1.92 0.00	31.62 2.13 0.00	35.37 2.48 0.00	34.47 2.63 0.00	35.35 2.43 -7.92	31.94 3.01 0.00	34.25 3.28 0.00	38.73 3.09 -7.12	59.61 2.56 -32.12	1382.03 2.96 -1345.18	163.73 2.83 -128.73	34.15 2.71 -0.24	34.38 2.60 0.00	32.84 2.47 -0.02	35.04 2.15 -0.30	31.18 1.74 -1.18
CE_NYC_DRP 24195	34.75 2.00 0.00	33.56 1.75 0.00	31.23 1.57 0.00	30.06 1.50 0.00	28.97 1.42 0.00	30.78 1.49 0.00	30.92 1.73 0.00	29.21 1.84 0.00	28.33 1.86 0.00	31.60 2.10 0.00	35.35 2.46 0.00	34.41 2.56 0.00	35.34 2.42 -7.93	31.94 3.01 0.00	34.25 3.28 0.00	38.71 3.07 -7.12	59.67 2.57 -32.16	1384.31 3.05 -1347.37	164.02 2.91 -128.94	34.18 2.75 -0.24	34.40 2.62 0.00	32.84 2.47 -0.02	35.05 2.16 -0.30	31.21 1.76 -1.18
CHAFFEE___LFGE 323603	32.52 -0.23 0.00	31.34 -0.47 0.00	29.34 -0.32 0.00	28.21 -0.34 0.00	27.31 -0.24 0.00	29.15 -0.14 0.00	29.11 -0.08 0.00	26.96 -0.42 0.00	26.24 -0.22 0.00	29.33 -0.16 0.00	32.65 -0.25 0.00	31.58 -0.27 0.00	25.11 0.11 0.00	29.28 0.35 0.00	31.40 0.43 0.00	29.31 0.79 0.00	25.68 0.75 0.00	35.02 1.14 0.00	33.29 1.12 0.00	32.06 0.86 0.00	32.92 1.14 0.00	31.67 1.32 0.00	33.90 1.31 0.00	29.46 1.19 0.00
CHATEAUG_35_KV_LOAD 355732	33.19 0.43 0.00	32.34 0.53 0.00	30.14 0.48 0.00	29.07 0.51 0.00	28.02 0.47 0.00	29.71 0.42 0.00	29.52 0.33 0.00	27.69 0.31 0.00	26.70 0.24 0.00	29.79 0.30 0.00	33.42 0.52 0.00	32.09 0.24 0.00	24.82 -0.18 0.00	28.55 -0.37 0.00	30.55 -0.42 0.00	28.14 -0.38 0.00	24.66 -0.27 0.00	33.80 -0.08 0.00	32.12 -0.05 0.00	31.16 -0.03 0.00	31.75 -0.03 0.00	30.28 -0.07 0.00	32.91 0.32 0.00	28.56 0.30 0.00
CHATEAUG_WT_PWR 323614	33.21 0.46 0.00	32.36 0.56 0.00	30.16 0.51 0.00	29.10 0.54 0.00	28.04 0.49 0.00	29.72 0.43 0.00	29.55 0.36 0.00	27.71 0.34 0.00	26.73 0.26 0.00	29.83 0.33 0.00	33.47 0.57 0.00	32.17 0.32 0.00	24.89 -0.10 0.00	28.64 -0.28 0.00	30.63 -0.34 0.00	28.21 -0.30 0.00	24.71 -0.21 0.00	33.85 -0.03 0.00	32.19 1.12 0.00	31.23 0.03 0.00	31.81 0.03 0.00	30.34 -0.01 0.00	32.94 0.34 0.00	28.62 0.35 0.00
CHAT_HIGH_FALL_HYD 323578	33.18 0.43 0.00	32.34 0.53 0.00	30.14 0.49 0.00	29.07 0.51 0.00	28.02 0.47 0.00	29.71 0.42 0.00	29.51 0.33 0.00	27.69 0.31 0.00	26.70 0.24 0.00	29.79 0.30 0.00	33.42 0.52 0.00	32.09 0.24 0.00	24.82 -0.18 0.00	28.55 -0.37 0.00	30.55 -0.42 0.00	28.14 -0.38 0.00	24.66 -0.27 0.00	33.80 -0.08 0.00	32.12 -0.05 0.00	31.16 -0.03 0.00	31.75 -0.03 0.00	30.28 -0.07 0.00	32.91 0.32 0.00	28.56 0.30 0.00
CHAUTAUQUA___LFGE 323629	32.95 0.19 0.00	31.66 -0.14 0.00	29.61 -0.05 0.00	28.52 -0.04 0.00	27.56 0.02 0.00	29.18 -0.11 0.00	29.26 0.07 0.00	27.17 -0.20 0.00	26.61 0.14 0.00	29.82 0.32 0.00	33.27 0.38 0.00	32.11 0.26 0.00	25.51 0.51 0.00	29.83 0.90 0.00	31.90 0.94 0.00	29.74 1.23 0.00	26.02 1.09 0.00	35.40 1.52 0.00	33.63 1.46 0.00	32.36 1.17 0.00	33.24 1.46 0.00	31.94 1.59 0.00	34.17 1.58 0.00	29.66 1.39 0.00
CHERRYST_13_KV_LD 356241	34.84 2.09 0.00	33.66 1.85 0.00	31.32 1.66 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.88 1.59 0.00	31.04 1.85 0.00	29.33 1.95 0.00	28.45 1.98 0.00	31.74 2.25 0.00	35.52 2.62 0.00	34.57 2.72 0.00	35.47 2.55 -7.93	32.09 3.17 0.00	34.41 3.45 0.00	38.87 3.23 -7.12	59.81 2.72 -32.16	1384.50 3.24 -1347.37	164.19 3.07 -128.94	34.32 2.88 -0.24	34.54 2.76 0.00	32.97 2.60 -0.02	35.17 2.28 -0.30	31.31 1.86 -1.18
CHESTROR_138KV_BK263 355645	34.20 1.44 0.00	33.03 1.23 0.00	30.75 1.10 0.00	29.60 1.04 0.00	28.53 0.98 0.00	30.32 1.03 0.00	30.41 1.23 0.00	28.61 1.23 0.00	27.69 1.22 0.00	30.88 1.39 0.00	34.56 1.66 0.00	33.61 1.77 0.00	19.88 1.67 6.79	31.02 2.10 0.00	33.27 2.31 0.00	32.74 2.17 -2.05	28.40 1.80 -1.67	34.17 2.08 1.80	34.21 2.03 0.00	33.00 1.91 0.11	33.60 1.82 0.00	32.07 1.72 0.00	34.01 1.41 0.00	29.43 1.16 0.00
CH_MIDHUDSON___DRP 24192	34.51 1.76 0.00	33.38 1.57 0.00	31.06 1.41 0.00	29.91 1.35 0.00	28.85 1.30 0.00	30.63 1.35 0.00	30.73 1.55 0.00	28.93 1.55 0.00	27.97 1.51 0.00	31.18 1.69 0.00	34.89 2.00 0.00	34.00 2.15 0.00	28.75 2.01 -1.74	31.41 2.48 0.00	33.66 2.70 0.00	31.03 2.51 0.00	27.03 2.11 0.00	37.17 2.45 -0.84	34.57 2.40 0.00	33.50 2.27 -0.03	33.98 2.20 0.00	32.41 2.05 0.00	34.30 1.71 0.00	29.72 1.46 0.00
CH_MISC_IPPS 23765	34.74 1.99 0.00	33.55 1.75 0.00	31.22 1.56 0.00	30.06 1.49 0.00	28.97 1.43 0.00	30.79 1.50 0.00	30.90 1.72 0.00	29.10 1.72 0.00	28.16 1.69 0.00	31.41 1.92 0.00	35.17 2.27 0.00	34.25 2.41 0.00	27.22 2.22 0.00	31.67 2.75 0.00	33.96 3.00 0.00	31.34 2.82 0.00	27.31 2.38 0.00	37.17 2.82 -0.47	34.89 2.72 0.00	33.76 2.57 0.00	34.27 2.49 0.00	32.68 2.32 0.00	34.59 2.00 0.00	29.93 1.67 0.00
CH_RES_BVR_FALLS 23983	32.68 -0.07 0.00	31.77 -0.03 0.00	29.63 -0.03 0.00	28.56 0.00 0.00	27.52 -0.03 0.00	29.25 -0.04 0.00	29.10 -0.09 0.00	27.29 -0.09 0.00	26.38 -0.09 0.00	29.40 -0.09 0.00	32.77 -0.13 0.00	31.69 -0.17 0.00	24.73 -0.27 0.00	28.57 -0.36 0.00	30.58 -0.39 0.00	28.16 -0.35 0.00	24.63 -0.29 0.00	33.59 -0.30 0.00	31.87 -0.30 0.00	30.90 -0.29 0.00	31.47 -0.31 0.00	30.05 -0.30 0.00	32.45 -0.14 0.00	28.14 -0.13 0.00

CH_RES_NIAGARA 23895	31.49 -1.27 0.00	30.42 -1.38 0.00	28.53 -1.12 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.33 -1.56 0.00	30.24 -1.61 0.00	24.08 -0.92 0.00	27.98 -0.94 0.00	29.98 -0.98 0.00	28.00 -0.52 0.00	24.56 -0.37 0.00	33.46 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.48 0.00	31.66 -0.12 0.00	30.65 0.30 0.00	32.90 0.31 0.00	28.80 0.53 0.00
CH_RES_SYRACUSE 23985	32.51 -0.24 0.00	31.44 -0.36 0.00	29.31 -0.34 0.00	28.22 -0.34 0.00	27.25 -0.30 0.00	29.04 -0.25 0.00	29.01 -0.18 0.00	27.19 -0.18 0.00	26.32 -0.14 0.00	29.33 -0.16 0.00	32.74 -0.16 0.00	31.71 -0.14 0.00	25.01 0.01 0.00	29.03 0.10 0.00	31.05 0.08 0.00	28.64 0.12 0.00	25.06 0.14 0.00	34.04 0.15 0.00	32.37 0.20 0.00	31.38 0.18 0.00	32.00 0.22 0.00	30.57 0.22 0.00	32.66 0.07 0.00	28.29 0.02 0.00
CLINTON_WT_PWR 323605	33.21 0.46 0.00	32.36 0.56 0.00	30.16 0.51 0.00	29.10 0.54 0.00	28.04 0.49 0.00	29.72 0.43 0.00	29.55 0.36 0.00	27.71 0.34 0.00	26.73 0.26 0.00	29.83 0.33 0.00	33.47 0.57 0.00	32.17 0.32 0.00	24.89 -0.10 0.00	28.64 -0.28 0.00	30.63 -0.34 0.00	28.21 -0.30 0.00	24.71 -0.21 0.00	33.85 -0.03 0.00	32.19 0.02 0.00	31.23 0.03 0.00	31.81 0.03 0.00	30.34 -0.01 0.00	32.94 0.34 0.00	28.62 0.35 0.00
CLINTON___LFGE 323618	33.60 0.85 0.00	32.71 0.91 0.00	30.47 0.81 0.00	29.39 0.83 0.00	28.34 0.80 0.00	30.03 0.74 0.00	29.91 0.72 0.00	28.06 0.68 0.00	27.04 0.58 0.00	30.20 0.70 0.00	34.15 1.25 0.00	32.64 0.79 0.00	25.26 0.26 0.00	29.05 0.12 0.00	31.02 0.05 0.00	28.58 0.07 0.00	25.09 0.16 0.00	34.35 0.46 0.00	32.76 0.59 0.00	31.81 0.62 0.00	32.42 0.64 0.00	30.90 0.55 0.00	33.43 0.84 0.00	29.06 0.79 0.00
COBBLENY_34_KV_TB1 80064	32.52 -0.24 0.00	31.34 -0.46 0.00	29.34 -0.31 0.00	28.21 -0.35 0.00	27.31 -0.24 0.00	29.15 -0.14 0.00	29.11 -0.08 0.00	26.96 -0.41 0.00	26.24 -0.22 0.00	29.33 -0.16 0.00	32.64 -0.26 0.00	31.55 -0.30 0.00	25.10 0.10 0.00	29.27 0.35 0.00	31.36 0.39 0.00	29.29 0.78 0.00	25.67 0.74 0.00	35.02 1.13 0.00	33.29 1.12 0.00	32.06 0.86 0.00	32.93 1.15 0.00	31.66 1.31 0.00	33.90 1.31 0.00	29.46 1.19 0.00
COFFEEN___115KV_TB3 355620	33.78 1.03 0.00	32.56 0.76 0.00	30.30 0.65 0.00	29.15 0.59 0.00	28.10 0.55 0.00	29.95 0.66 0.00	29.96 0.78 0.00	28.13 0.75 0.00	27.25 0.78 0.00	30.43 0.94 0.00	33.91 1.01 0.00	32.79 0.94 0.00	25.57 0.57 0.00	29.65 0.73 0.00	31.51 0.55 0.00	28.61 0.09 0.00	24.89 -0.04 0.00	34.61 0.72 0.00	33.31 1.14 0.00	32.16 0.96 0.00	32.87 1.09 0.00	31.55 1.20 0.00	33.96 1.37 0.00	29.29 1.02 0.00
COLDSPRG_115KV_BK1 355956	33.51 0.76 0.00	32.19 0.39 0.00	30.08 0.43 0.00	28.96 0.40 0.00	28.01 0.46 0.00	29.73 0.45 0.00	29.85 0.67 0.00	27.81 0.43 0.00	27.24 0.77 0.00	30.59 1.10 0.00	34.09 1.19 0.00	32.83 0.98 0.00	26.09 1.09 0.00	30.46 1.53 0.00	32.48 1.52 0.00	30.29 1.78 0.00	26.44 1.52 0.00	36.00 2.12 0.00	34.17 2.00 0.00	32.87 1.67 0.00	33.68 1.90 0.00	32.35 2.00 0.00	34.60 2.01 0.00	30.01 1.74 0.00
COLONIE_LFGE___ 323577	34.13 1.38 0.00	33.22 1.41 0.00	30.96 1.31 0.00	29.82 1.27 0.00	28.79 1.25 0.00	30.56 1.27 0.00	30.47 1.29 0.00	28.51 1.14 0.00	27.46 1.00 0.00	30.63 1.14 0.00	34.17 1.27 0.00	33.25 1.40 0.00	28.11 1.27 -1.84	30.35 1.42 0.00	32.47 1.50 0.00	29.73 1.21 0.00	25.98 1.05 0.00	35.66 1.07 -0.72	33.47 1.30 0.00	32.63 1.40 -0.03	33.24 1.46 0.00	31.72 1.37 0.00	33.60 1.01 0.00	29.29 1.02 0.00
COOPERNY_115KV_TB1 80082	33.82 1.07 0.00	32.68 0.88 0.00	30.44 0.78 0.00	29.30 0.74 0.00	28.24 0.69 0.00	30.03 0.74 0.00	30.07 0.89 0.00	28.27 0.90 0.00	27.37 0.91 0.00	30.53 1.03 0.00	34.13 1.24 0.00	33.17 1.32 0.00	23.72 1.26 2.54	30.53 1.60 0.00	32.71 1.74 0.00	30.15 1.64 0.00	26.29 1.37 0.00	34.54 1.59 0.93	33.71 1.54 0.00	32.60 1.45 0.04	33.17 1.39 0.00	31.67 1.32 0.00	33.68 1.08 0.00	29.15 0.88 0.00
COPENHAGEN_WT_PWR 323753	33.41 0.66 0.00	32.24 0.44 0.00	30.02 0.37 0.00	28.89 0.33 0.00	27.85 0.30 0.00	29.65 0.36 0.00	29.64 0.46 0.00	27.83 0.45 0.00	26.94 0.47 0.00	30.07 0.57 0.00	33.48 0.59 0.00	32.39 0.54 0.00	25.27 0.27 0.00	29.31 0.38 0.00	31.20 0.24 0.00	28.42 -0.09 0.00	24.69 -0.24 0.00	34.25 0.37 0.00	32.89 0.72 0.00	31.78 0.59 0.00	32.47 0.68 0.00	31.15 0.80 0.00	33.54 0.95 0.00	28.97 0.70 0.00
CORNELL___ 23752	33.33 0.58 0.00	32.17 0.37 0.00	30.00 0.34 0.00	28.86 0.30 0.00	27.87 0.32 0.00	29.71 0.42 0.00	29.74 0.56 0.00	27.90 0.53 0.00	27.07 0.60 0.00	30.16 0.66 0.00	33.56 0.67 0.00	32.47 0.62 0.00	25.65 0.65 0.00	29.80 0.88 0.00	31.95 0.98 0.00	29.47 0.96 0.00	25.73 0.81 0.00	35.03 1.14 0.00	33.33 1.16 0.00	32.30 1.10 0.00	32.99 1.21 0.00	31.54 1.18 0.00	33.64 1.05 0.00	29.09 0.82 0.00
CORONA_AAV_69_KV_TB1 355595	35.52 2.71 -0.06	35.45 2.43 -1.22	48.35 2.21 -16.48	30.66 2.10 0.00	29.55 2.00 0.00	31.43 2.14 0.00	31.45 2.27 0.00	29.91 2.27 -0.26	28.72 2.25 0.00	32.22 2.45 -0.28	39.63 2.88 -3.86	53.52 2.98 -18.69	52.44 2.70 -24.75	84.86 3.34 -52.59	171.50 3.62 -136.91	54.18 3.32 -22.35	47.24 2.75 -19.56	44.44 3.26 -7.29	40.57 3.19 -5.21	34.26 2.95 -0.11	34.61 2.83 0.00	34.76 2.78 -1.63	35.08 2.48 0.00	36.98 2.12 -6.60
CORTLAND_115KV_TB3 80093	33.04 0.29 0.00	31.92 0.12 0.00	29.77 0.11 0.00	28.63 0.07 0.00	27.65 0.10 0.00	29.45 0.16 0.00	29.48 0.30 0.00	27.63 0.26 0.00	26.79 0.32 0.00	29.87 0.38 0.00	33.28 0.38 0.00	32.18 0.33 0.00	25.41 0.41 0.00	29.55 0.63 0.00	31.64 0.67 0.00	29.16 0.64 0.00	25.45 0.53 0.00	34.62 0.73 0.00	32.92 0.75 0.00	31.89 0.69 0.00	32.58 0.80 0.00	31.13 0.78 0.00	33.22 0.62 0.00	28.75 0.49 0.00
COXSACKIE___GT 23611	35.07 2.32 0.00	34.02 2.22 0.00	31.71 2.06 0.00	30.52 1.96 0.00	29.46 1.91 0.00	31.30 2.01 0.00	31.29 2.10 0.00	29.29 1.91 0.00	28.18 1.72 0.00	31.48 1.98 0.00	35.11 2.21 0.00	34.05 2.20 0.00	28.22 1.85 -1.37	31.03 2.11 0.00	33.40 2.43 0.00	30.51 1.99 0.00	26.80 1.87 0.00	36.50 2.14 -0.48	34.72 2.55 0.00	33.57 2.37 0.00	34.22 2.44 0.00	32.65 2.30 0.00	34.50 1.91 0.00	29.96 1.69 0.00
CPV_VALLEY___CC1 323721	33.92 1.17 0.00	32.78 0.98 0.00	30.52 0.86 0.00	29.38 0.82 0.00	28.32 0.77 0.00	30.10 0.81 0.00	30.18 1.00 0.00	28.39 1.01 0.00	27.47 1.01 0.00	30.64 1.15 0.00	34.28 1.38 0.00	33.33 1.48 0.00	22.37 1.45 4.08	30.74 1.81 0.00	32.95 1.99 0.00	31.40 1.86 -1.03	27.29 1.53 -0.84	34.21 1.75 1.42	33.88 1.71 0.00	32.73 1.60 0.06	33.29 1.51 0.00	31.79 1.44 0.00	33.72 1.13 0.00	29.19 0.93 0.00

CPV_VALLEY___CC2 323722	33.92 1.17 0.00	32.78 0.98 0.00	30.52 0.86 0.00	29.38 0.82 0.00	28.32 0.77 0.00	30.10 0.81 0.00	30.18 1.00 0.00	28.39 1.01 0.00	27.47 1.01 0.00	30.64 1.15 0.00	34.28 1.38 0.00	33.33 1.48 0.00	22.37 1.45 4.08	30.74 1.81 0.00	32.95 1.99 0.00	31.40 1.86 -1.03	27.29 1.53 -0.84	34.21 1.75 1.42	33.88 1.71 0.00	32.73 1.60 0.06	33.29 1.51 0.00	31.79 1.44 0.00	33.72 1.13 0.00	29.19 0.93 0.00
CRESCENT___HYD 24018	34.13 1.38 0.00	33.22 1.41 0.00	30.96 1.31 0.00	29.82 1.27 0.00	28.79 1.25 0.00	30.56 1.27 0.00	30.47 1.29 0.00	28.51 1.14 0.00	27.46 1.00 0.00	30.63 1.14 0.00	34.17 1.27 0.00	33.25 1.40 0.00	28.11 1.27 -1.84	30.35 1.42 0.00	32.47 1.50 0.00	29.73 1.21 0.00	25.98 1.05 0.00	35.66 1.07 -0.72	33.47 1.30 0.00	32.63 1.40 -0.03	33.24 1.46 0.00	31.72 1.37 0.00	33.60 1.01 0.00	29.29 1.02 0.00
CRICKET___VALLEY_CC1 323756	34.05 1.30 0.00	33.00 1.19 0.00	30.72 1.07 0.00	29.63 1.06 0.00	28.58 1.03 0.00	30.31 1.02 0.00	30.40 1.21 0.00	28.58 1.20 0.00	27.56 1.09 0.00	30.70 1.21 0.00	34.34 1.44 0.00	33.47 1.63 0.00	30.14 1.58 -3.56	30.89 1.96 0.00	33.06 2.09 0.00	30.44 1.92 0.00	26.52 1.60 0.00	37.20 1.71 -1.60	33.95 1.78 0.00	32.98 1.73 -0.06	33.46 1.68 0.00	31.90 1.54 0.00	33.72 1.13 0.00	29.29 1.03 0.00
CRICKET___VALLEY_CC2 323757	34.05 1.30 0.00	33.00 1.19 0.00	30.72 1.07 0.00	29.63 1.06 0.00	28.58 1.03 0.00	30.31 1.02 0.00	30.40 1.21 0.00	28.58 1.20 0.00	27.56 1.09 0.00	30.70 1.21 0.00	34.34 1.44 0.00	33.47 1.63 0.00	30.14 1.58 -3.56	30.89 1.96 0.00	33.06 2.09 0.00	30.44 1.92 0.00	26.52 1.60 0.00	37.20 1.71 -1.60	33.95 1.78 0.00	32.98 1.73 -0.06	33.46 1.68 0.00	31.90 1.54 0.00	33.72 1.13 0.00	29.29 1.03 0.00
CRICKET___VALLEY_CC3 323758	34.05 1.30 0.00	33.00 1.19 0.00	30.72 1.07 0.00	29.63 1.06 0.00	28.58 1.03 0.00	30.31 1.02 0.00	30.40 1.21 0.00	28.58 1.20 0.00	27.56 1.09 0.00	30.70 1.21 0.00	34.34 1.44 0.00	33.47 1.63 0.00	30.14 1.58 -3.56	30.89 1.96 0.00	33.06 2.09 0.00	30.44 1.92 0.00	26.52 1.60 0.00	37.20 1.71 -1.60	33.95 1.78 0.00	32.98 1.73 -0.06	33.46 1.68 0.00	31.90 1.54 0.00	33.72 1.13 0.00	29.29 1.03 0.00
CRUCIBLE_METL_DRP 24180	32.51 -0.24 0.00	31.44 -0.36 0.00	29.31 -0.34 0.00	28.21 -0.34 0.00	27.24 -0.31 0.00	29.04 -0.25 0.00	29.01 -0.18 0.00	27.19 -0.19 0.00	26.32 -0.14 0.00	29.33 -0.17 0.00	32.74 -0.16 0.00	31.71 -0.14 0.00	25.01 0.01 0.00	29.03 0.10 0.00	31.04 0.07 0.00	28.64 0.12 0.00	25.06 0.14 0.00	34.04 0.15 0.00	32.37 0.20 0.00	31.38 0.18 0.00	32.00 0.22 0.00	30.57 0.22 0.00	32.66 0.06 0.00	28.29 0.02 0.00
DAHOWA___HYDRO 323763	34.67 1.92 0.00	33.71 1.90 0.00	31.43 1.78 0.00	30.27 1.71 0.00	29.21 1.66 0.00	30.97 1.68 0.00	30.95 1.77 0.00	28.97 1.59 0.00	27.86 1.39 0.00	31.14 1.64 0.00	34.65 1.75 0.00	33.73 1.88 0.00	28.33 1.57 -1.77	30.63 1.71 0.00	32.75 1.79 0.00	30.08 1.57 0.00	26.33 1.40 0.00	36.17 1.60 -0.68	34.06 1.89 0.00	33.17 1.95 -0.03	33.94 2.15 0.00	32.38 2.03 0.00	34.28 1.69 0.00	29.83 1.56 0.00
DANC___LFGE 323619	32.89 0.14 0.00	31.78 -0.03 0.00	29.61 -0.05 0.00	28.49 -0.07 0.00	27.47 -0.07 0.00	29.25 -0.04 0.00	29.24 0.05 0.00	27.42 0.04 0.00	26.53 0.06 0.00	29.59 0.10 0.00	32.98 0.08 0.00	31.92 0.07 0.00	25.01 0.01 0.00	29.00 0.08 0.00	30.92 -0.04 0.00	28.26 -0.26 0.00	24.59 -0.33 0.00	33.86 -0.03 0.00	32.46 0.29 0.00	31.41 0.21 0.00	32.06 0.28 0.00	30.76 0.41 0.00	33.01 0.42 0.00	28.54 0.27 0.00
DANSKAMMER___1 23586	34.74 1.99 0.00	33.55 1.75 0.00	31.22 1.56 0.00	30.06 1.49 0.00	28.97 1.43 0.00	30.79 1.50 0.00	30.90 1.72 0.00	29.10 1.72 0.00	28.16 1.69 0.00	31.41 1.92 0.00	35.17 2.27 0.00	34.25 2.41 0.00	27.22 2.22 0.00	31.67 2.75 0.00	33.96 3.00 0.00	31.34 2.82 0.00	27.31 2.38 0.00	37.17 2.82 -0.47	34.89 2.72 0.00	33.76 2.57 0.00	34.27 2.49 0.00	32.68 2.32 0.00	34.59 2.00 0.00	29.93 1.67 0.00
DANSKAMMER___2 23589	34.74 1.99 0.00	33.55 1.75 0.00	31.22 1.56 0.00	30.06 1.49 0.00	28.97 1.43 0.00	30.79 1.50 0.00	30.90 1.72 0.00	29.10 1.72 0.00	28.16 1.69 0.00	31.41 1.92 0.00	35.17 2.27 0.00	34.25 2.41 0.00	27.22 2.22 0.00	31.67 2.75 0.00	33.96 3.00 0.00	31.34 2.82 0.00	27.31 2.38 0.00	37.17 2.82 -0.47	34.89 2.72 0.00	33.76 2.57 0.00	34.27 2.49 0.00	32.68 2.32 0.00	34.59 2.00 0.00	29.93 1.67 0.00
DANSKAMMER___3 23590	34.74 1.99 0.00	33.55 1.75 0.00	31.22 1.56 0.00	30.06 1.49 0.00	28.97 1.43 0.00	30.79 1.50 0.00	30.90 1.72 0.00	29.10 1.72 0.00	28.16 1.69 0.00	31.41 1.92 0.00	35.17 2.27 0.00	34.25 2.41 0.00	27.22 2.22 0.00	31.67 2.75 0.00	33.96 3.00 0.00	31.34 2.82 0.00	27.31 2.38 0.00	37.17 2.82 -0.47	34.89 2.72 0.00	33.76 2.57 0.00	34.27 2.49 0.00	32.68 2.32 0.00	34.59 2.00 0.00	29.93 1.67 0.00
DANSKAMMER___4 23591	34.74 1.99 0.00	33.55 1.75 0.00	31.22 1.56 0.00	30.06 1.49 0.00	28.97 1.43 0.00	30.79 1.50 0.00	30.90 1.72 0.00	29.10 1.72 0.00	28.16 1.69 0.00	31.41 1.92 0.00	35.17 2.27 0.00	34.25 2.41 0.00	27.22 2.22 0.00	31.67 2.75 0.00	33.96 3.00 0.00	31.34 2.82 0.00	27.31 2.38 0.00	37.17 2.82 -0.47	34.89 2.72 0.00	33.76 2.57 0.00	34.27 2.49 0.00	32.68 2.32 0.00	34.59 2.00 0.00	29.93 1.67 0.00
DANSKAMMER___DIESEL 23592	34.74 1.99 0.00	33.55 1.75 0.00	31.22 1.57 0.00	30.06 1.49 0.00	28.97 1.43 0.00	30.79 1.50 0.00	30.90 1.72 0.00	29.10 1.72 0.00	28.16 1.69 0.00	31.41 1.92 0.00	35.17 2.27 0.00	34.26 2.41 0.00	27.22 2.22 0.00	31.68 2.75 0.00	33.97 3.00 0.00	31.34 2.82 0.00	27.31 2.38 0.00	37.17 2.82 -0.47	34.89 2.72 0.00	33.77 2.57 0.00	34.27 2.49 0.00	32.67 2.32 0.00	34.59 2.00 0.00	29.93 1.67 0.00
DARBY___SOLAR 323810	34.59 1.84 0.00	33.63 1.83 0.00	31.35 1.70 0.00	30.19 1.63 0.00	29.14 1.59 0.00	30.90 1.61 0.00	30.88 1.69 0.00	28.90 1.53 0.00	27.80 1.34 0.00	31.06 1.57 0.00	34.57 1.68 0.00	33.65 1.80 0.00	28.29 1.52 -1.78	30.57 1.65 0.00	32.70 1.74 0.00	30.03 1.51 0.00	26.28 1.35 0.00	36.12 1.55 -0.69	33.99 1.82 0.00	33.09 1.87 -0.03	33.83 2.05 0.00	32.29 1.94 0.00	34.20 1.61 0.00	29.76 1.49 0.00
DASHVILLE___HYD 23610	34.25 1.50 0.00	33.02 1.22 0.00	30.73 1.08 0.00	29.58 1.02 0.00	28.53 0.98 0.00	30.34 1.06 0.00	30.47 1.28 0.00	28.71 1.33 0.00	27.78 1.31 0.00	30.95 1.45 0.00	34.63 1.73 0.00	33.75 1.90 0.00	26.84 1.84 0.00	31.25 2.32 0.00	33.52 2.55 0.00	30.98 2.46 0.00	26.94 2.02 0.00	36.20 2.31 0.00	34.40 2.23 0.00	33.28 2.09 0.00	33.76 1.98 0.00	32.21 1.86 0.00	34.10 1.51 0.00	29.53 1.26 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	37.14 4.33 -0.06	37.05 4.02 -1.22	49.97 3.83 -16.48	32.25 3.69 0.00	31.06 3.51 0.00	33.00 3.71 0.00	32.98 3.79 0.00	31.52 3.89 -0.26	30.27 3.80 0.00	33.88 4.11 -0.28	41.58 4.82 -3.86	55.44 4.89 -18.70	61.13 4.19 -31.94	86.72 5.18 -52.61	173.42 5.54 -136.91	55.87 4.99 -22.36	66.77 4.29 -37.55	69.19 5.44 -29.86	53.15 5.25 -15.72	59.49 4.92 -23.37	38.06 4.67 -1.61	36.65 4.48 -1.82	36.85 4.26 0.00	38.42 3.55 -6.60
DELAWARE___LFGE 323621	33.72 0.97 0.00	32.63 0.83 0.00	30.41 0.75 0.00	29.28 0.71 0.00	28.24 0.69 0.00	30.03 0.74 0.00	30.06 0.87 0.00	28.22 0.84 0.00	27.34 0.87 0.00	30.49 1.00 0.00	34.03 1.13 0.00	32.98 1.14 0.00	26.05 1.05 0.00	30.23 1.30 0.00	32.39 1.42 0.00	29.88 1.36 0.00	26.06 1.13 0.00	35.27 1.38 0.00	33.52 1.35 0.00	32.49 1.30 0.00	33.09 1.31 0.00	31.61 1.26 0.00	33.70 1.11 0.00	29.20 0.94 0.00
DERFIELD_115KV_TB7 355931	32.76 0.01 0.00	31.80 0.00 0.00	29.65 0.00 0.00	28.55 -0.01 0.00	27.55 0.00 0.00	29.28 -0.01 0.00	29.21 0.03 0.00	27.40 0.03 0.00	26.49 0.03 0.00	29.52 0.03 0.00	32.94 0.05 0.00	31.92 0.06 0.00	25.12 0.12 0.00	29.09 0.16 0.00	31.15 0.18 0.00	28.67 0.15 0.00	25.05 0.12 0.00	33.99 0.11 0.00	32.30 0.13 0.00	31.32 0.13 0.00	31.92 0.14 0.00	30.49 0.14 0.00	32.62 0.03 0.00	28.29 0.03 0.00
DOGLEVILLE___HYD 23807	32.82 0.07 0.00	31.71 -0.10 0.00	29.48 -0.18 0.00	28.36 -0.20 0.00	27.37 -0.18 0.00	29.22 -0.07 0.00	29.20 0.01 0.00	27.43 0.05 0.00	26.50 0.03 0.00	29.60 0.11 0.00	33.06 0.17 0.00	32.07 0.22 0.00	25.41 0.41 0.00	29.46 0.54 0.00	31.55 0.58 0.00	28.90 0.39 0.00	25.25 0.32 0.00	33.92 0.03 0.00	32.26 0.08 0.00	31.56 0.36 0.00	32.23 0.45 0.00	30.85 0.50 0.00	32.54 -0.05 0.00	28.15 -0.12 0.00
DUNKIRK___115KV_TB_200 55889	32.88 0.12 0.00	31.62 -0.19 0.00	29.57 -0.09 0.00	28.47 -0.09 0.00	27.52 -0.03 0.00	29.16 -0.13 0.00	29.24 0.05 0.00	27.15 -0.23 0.00	26.55 0.09 0.00	29.75 0.25 0.00	33.18 0.28 0.00	32.00 0.15 0.00	25.44 0.43 0.00	29.74 0.81 0.00	31.79 0.83 0.00	29.66 1.15 0.00	25.94 1.01 0.00	35.32 1.44 0.00	33.55 1.38 0.00	32.29 1.10 0.00	33.16 1.38 0.00	31.86 1.50 0.00	34.11 1.51 0.00	29.58 1.32 0.00
DUNKIRK___1 23563	32.88 0.12 0.00	31.62 -0.19 0.00	29.57 -0.09 0.00	28.47 -0.09 0.00	27.52 -0.03 0.00	29.16 -0.13 0.00	29.24 0.05 0.00	27.15 -0.23 0.00	26.55 0.09 0.00	29.75 0.25 0.00	33.18 0.28 0.00	32.00 0.15 0.00	25.44 0.43 0.00	29.74 0.81 0.00	31.79 0.83 0.00	29.66 1.15 0.00	25.94 1.01 0.00	35.32 1.44 0.00	33.55 1.38 0.00	32.29 1.10 0.00	33.16 1.38 0.00	31.86 1.50 0.00	34.11 1.51 0.00	29.58 1.32 0.00
DUNKIRK___2 23564	32.88 0.12 0.00	31.62 -0.19 0.00	29.57 -0.09 0.00	28.47 -0.09 0.00	27.52 -0.03 0.00	29.16 -0.13 0.00	29.24 0.05 0.00	27.15 -0.23 0.00	26.55 0.09 0.00	29.75 0.25 0.00	33.18 0.28 0.00	32.00 0.15 0.00	25.44 0.43 0.00	29.74 0.81 0.00	31.79 0.83 0.00	29.66 1.15 0.00	25.94 1.01 0.00	35.32 1.44 0.00	33.55 1.38 0.00	32.29 1.10 0.00	33.16 1.38 0.00	31.86 1.50 0.00	34.11 1.51 0.00	29.58 1.32 0.00
DUNKIRK___3 23565	32.67 -0.08 0.00	31.46 -0.35 0.00	29.43 -0.22 0.00	28.32 -0.24 0.00	27.40 -0.15 0.00	29.10 -0.19 0.00	29.14 -0.04 0.00	27.03 -0.35 0.00	26.39 -0.08 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.72 -0.12 0.00	25.22 0.22 0.00	29.47 0.54 0.00	31.53 0.56 0.00	29.41 0.90 0.00	25.72 0.80 0.00	35.06 1.17 0.00	33.29 1.12 0.00	32.05 0.86 0.00	32.91 1.13 0.00	31.63 1.28 0.00	33.87 1.28 0.00	29.42 1.16 0.00
DUNKIRK___4 23566	32.67 -0.08 0.00	31.46 -0.35 0.00	29.43 -0.22 0.00	28.32 -0.24 0.00	27.40 -0.15 0.00	29.10 -0.19 0.00	29.14 -0.04 0.00	27.03 -0.35 0.00	26.39 -0.08 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.72 -0.12 0.00	25.22 0.22 0.00	29.47 0.54 0.00	31.53 0.56 0.00	29.41 0.90 0.00	25.72 0.80 0.00	35.06 1.17 0.00	33.29 1.12 0.00	32.05 0.86 0.00	32.91 1.13 0.00	31.63 1.28 0.00	33.87 1.28 0.00	29.42 1.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.66 1.91 0.00	33.49 1.69 0.00	31.17 1.52 0.00	30.01 1.45 0.00	28.91 1.37 0.00	30.73 1.44 0.00	30.84 1.66 0.00	29.08 1.71 0.00	28.16 1.70 0.00	31.40 1.91 0.00	35.15 2.25 0.00	34.21 2.36 0.00	35.11 2.22 -7.89	31.68 2.75 0.00	33.97 3.01 0.00	62.40 2.78 -31.10	52.51 2.29 -25.29	41.57 2.70 -4.99	34.78 2.61 0.00	33.76 2.45 -0.11	34.12 2.34 0.00	32.58 2.22 0.00	34.48 1.89 0.00	29.85 1.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.43 1.68 0.00	33.24 1.44 0.00	30.94 1.28 0.00	29.78 1.22 0.00	28.71 1.16 0.00	30.51 1.22 0.00	30.61 1.43 0.00	28.82 1.44 0.00	27.89 1.42 0.00	31.11 1.62 0.00	34.80 1.91 0.00	33.89 2.04 0.00	25.12 1.91 1.79	31.30 2.38 0.00	33.57 2.60 0.00	30.96 2.45 0.00	26.99 2.06 0.00	35.77 2.42 0.53	34.51 2.34 0.00	33.37 2.20 0.03	33.89 2.11 0.00	32.34 1.99 0.00	34.27 1.67 0.00	29.65 1.38 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.81 2.05 0.00	33.60 1.79 0.00	31.28 1.62 0.00	30.11 1.55 0.00	29.01 1.46 0.00	30.82 1.53 0.00	30.94 1.76 0.00	29.21 1.83 0.00	28.32 1.85 0.00	31.53 2.04 0.00	35.31 2.41 0.00	34.45 2.61 0.00	35.28 2.36 -7.92	31.85 2.92 0.00	34.15 3.19 0.00	38.59 2.95 -7.12	59.48 2.43 -32.12	1381.87 2.80 -1345.18	163.62 2.72 -128.73	34.09 2.65 -0.24	34.33 2.55 0.00	32.81 2.43 -0.02	34.98 2.09 -0.30	31.16 1.71 -1.18
E179THST_13_KV_LOAD 356214	34.99 2.24 0.00	33.77 1.97 0.00	31.43 1.78 0.00	30.25 1.69 0.00	29.14 1.60 0.00	30.96 1.68 0.00	31.10 1.92 0.00	29.37 1.99 0.00	28.48 2.01 0.00	31.71 2.22 0.00	35.51 2.62 0.00	34.67 2.82 0.00	35.44 2.52 -7.92	32.05 3.12 0.00	34.37 3.41 0.00	38.80 3.16 -7.12	59.66 2.61 -32.12	1382.11 3.05 -1345.18	163.85 2.96 -128.73	34.31 2.87 -0.24	34.56 2.78 0.00	33.03 2.66 -0.02	35.22 2.33 -0.30	31.36 1.91 -1.18
EAST HAMPTON___GT 23717	37.83 5.02 -0.06	37.67 4.65 -1.22	50.55 4.41 -16.49	32.80 4.23 0.00	31.56 4.02 0.00	33.55 4.26 0.00	33.56 4.38 0.00	32.10 4.46 -0.26	30.83 4.37 0.00	34.37 4.60 -0.28	42.20 5.45 -3.86	56.04 5.49 -18.70	61.63 4.68 -31.95	87.29 5.75 -52.61	174.05 6.17 -136.91	56.49 5.61 -22.36	67.34 4.86 -37.56	70.00 6.24 -29.87	53.92 6.02 -15.73	60.21 5.63 -23.38	38.72 5.33 -1.61	37.20 5.02 -1.82	37.44 4.84 0.00	38.87 4.01 -6.60
EAST RIVER___6 23660	34.76 2.01 0.00	33.56 1.75 0.00	31.22 1.56 0.00	30.07 1.51 0.00	28.97 1.42 0.00	30.76 1.47 0.00	30.92 1.73 0.00	29.24 1.86 0.00	28.36 1.89 0.00	31.64 2.15 0.00	35.41 2.51 0.00	34.47 2.62 0.00	35.40 2.48 -7.93	32.03 3.11 0.00	34.35 3.38 0.00	38.79 3.15 -7.12	59.74 2.65 -32.16	1384.43 3.17 -1347.37	164.12 3.02 -128.94	34.27 2.83 -0.24	34.47 2.68 0.00	32.87 2.50 -0.02	35.07 2.18 -0.30	31.21 1.77 -1.18

EAST RIVER___7 23524	34.76 2.01 0.00	33.56 1.75 0.00	31.22 1.56 0.00	30.07 1.51 0.00	28.97 1.42 0.00	30.76 1.47 0.00	30.92 1.73 0.00	29.24 1.86 0.00	28.36 1.89 0.00	31.64 2.15 0.00	35.41 2.51 0.00	34.47 2.62 0.00	35.40 2.48 -7.93	32.03 3.11 0.00	34.35 3.38 0.00	38.79 3.15 -7.12	59.74 2.65 -32.16	1384.43 3.17 -1347.37	164.12 3.02 -128.94	34.27 2.83 -0.24	34.47 2.68 0.00	32.87 2.50 -0.02	35.07 2.18 -0.30	31.21 1.77 -1.18
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.59 1.83 0.00	33.42 1.62 0.00	31.10 1.45 0.00	29.95 1.39 0.00	28.86 1.31 0.00	30.67 1.38 0.00	30.78 1.60 0.00	29.01 1.63 0.00	28.09 1.63 0.00	31.32 1.83 0.00	35.05 2.16 0.00	34.13 2.29 0.00	35.54 2.14 -8.40	31.58 2.66 0.00	33.86 2.90 0.00	37.29 2.68 -6.09	32.09 2.21 -4.95	39.48 2.60 -2.99	34.68 2.51 0.00	33.68 2.36 -0.12	34.04 2.25 0.00	32.49 2.14 0.00	34.39 1.80 0.00	29.78 1.51 0.00
EAST_HAMPTON___DIESEL 23722	37.83 5.02 -0.06	37.67 4.65 -1.22	50.55 4.41 -16.49	32.80 4.23 0.00	31.56 4.02 0.00	33.55 4.26 0.00	33.56 4.38 0.00	32.10 4.46 -0.26	30.84 4.37 0.00	34.38 4.61 -0.28	42.22 5.46 -3.86	56.05 5.51 -18.70	61.64 4.69 -31.95	87.31 5.77 -52.61	174.07 6.20 -136.91	56.51 5.63 -22.36	67.36 4.87 -37.56	70.02 6.26 -29.87	53.95 6.04 -15.73	60.23 5.65 -23.38	38.73 5.34 -1.61	37.22 5.05 -1.82	37.45 4.86 0.00	38.88 4.02 -6.60
EAST_PULASKI___ESR 323781	32.40 -0.35 0.00	31.33 -0.48 0.00	29.20 -0.45 0.00	28.10 -0.46 0.00	27.12 -0.43 0.00	28.88 -0.41 0.00	28.85 -0.33 0.00	27.03 -0.34 0.00	26.12 -0.35 0.00	29.10 -0.39 0.00	32.44 -0.46 0.00	31.42 -0.43 0.00	24.72 -0.27 0.00	28.67 -0.25 0.00	30.61 -0.36 0.00	28.08 -0.44 0.00	24.50 -0.43 0.00	33.48 -0.40 0.00	32.05 -0.12 0.00	31.06 -0.14 0.00	31.71 -0.07 0.00	30.38 0.03 0.00	32.50 -0.09 0.00	28.14 -0.12 0.00
EAST_RIVER___1 323558	34.75 2.00 0.00	33.56 1.76 0.00	31.23 1.57 0.00	30.06 1.50 0.00	28.97 1.42 0.00	30.78 1.49 0.00	30.92 1.73 0.00	29.21 1.84 0.00	28.33 1.86 0.00	31.60 2.10 0.00	35.35 2.45 0.00	34.41 2.56 0.00	35.34 2.42 -7.93	31.93 3.01 0.00	34.23 3.27 0.00	38.71 3.07 -7.12	59.66 2.57 -32.16	1384.31 3.05 -1347.37	164.02 2.91 -128.94	34.18 2.75 -0.24	34.41 2.62 0.00	32.84 2.47 -0.02	35.05 2.16 -0.30	31.21 1.76 -1.18
EAST_RIVER___2 323559	34.76 2.01 0.00	33.56 1.75 0.00	31.22 1.56 0.00	30.07 1.51 0.00	28.97 1.42 0.00	30.76 1.47 0.00	30.92 1.73 0.00	29.24 1.86 0.00	28.36 1.89 0.00	31.64 2.15 0.00	35.41 2.51 0.00	34.47 2.62 0.00	35.40 2.48 -7.93	32.03 3.11 0.00	34.35 3.38 0.00	38.79 3.15 -7.12	59.74 2.65 -32.16	1384.43 3.17 -1347.37	164.12 3.02 -128.94	34.27 2.83 -0.24	34.47 2.68 0.00	32.87 2.50 -0.02	35.07 2.18 -0.30	31.21 1.77 -1.18
EAST___DELAWARE_HYD 23607	33.89 1.14 0.00	32.77 0.97 0.00	30.49 0.83 0.00	29.33 0.76 0.00	28.27 0.72 0.00	29.93 0.64 0.00	30.04 0.85 0.00	28.32 0.94 0.00	27.43 0.97 0.00	30.60 1.11 0.00	34.20 1.30 0.00	33.37 1.52 0.00	25.35 1.47 1.12	30.65 1.73 0.00	32.18 1.22 0.00	29.77 1.25 0.00	26.08 1.16 0.00	34.64 1.19 0.44	33.34 1.17 0.00	32.32 1.13 0.00	33.56 1.78 0.00	32.03 1.68 0.00	33.92 1.33 0.00	29.26 0.99 0.00
EIGHT_POINT___WT_PWR 323820	33.21 0.46 0.00	31.94 0.13 0.00	29.84 0.18 0.00	28.64 0.08 0.00	27.72 0.17 0.00	29.61 0.32 0.00	29.56 0.38 0.00	27.45 0.07 0.00	26.75 0.28 0.00	29.94 0.44 0.00	33.36 0.46 0.00	32.15 0.30 0.00	25.47 0.47 0.00	29.71 0.78 0.00	31.82 0.85 0.00	29.62 1.11 0.00	25.85 0.92 0.00	35.24 1.35 0.00	33.64 1.47 0.00	32.54 1.34 0.00	33.38 1.60 0.00	32.01 1.66 0.00	34.20 1.61 0.00	29.64 1.38 0.00
ELBRIDGE_115KV_TB2 80188	32.38 -0.37 0.00	31.37 -0.43 0.00	29.24 -0.41 0.00	28.17 -0.39 0.00	27.20 -0.34 0.00	28.94 -0.35 0.00	28.91 -0.27 0.00	27.10 -0.27 0.00	26.25 -0.21 0.00	29.22 -0.27 0.00	32.62 -0.27 0.00	31.59 -0.26 0.00	24.93 -0.06 0.00	28.93 0.01 0.00	30.95 -0.02 0.00	28.57 0.05 0.00	24.99 0.06 0.00	33.91 0.03 0.00	32.24 0.07 0.00	31.27 0.08 0.00	31.90 0.12 0.00	30.49 0.13 0.00	32.56 -0.03 0.00	28.20 -0.07 0.00
ELEC_TRO_TEK 24086	35.27 2.46 -0.06	35.25 2.23 -1.22	48.18 2.04 -16.48	30.51 1.95 0.00	29.38 1.84 0.00	31.22 1.94 0.00	31.27 2.08 0.00	29.74 2.11 -0.26	28.55 2.09 0.00	32.08 2.31 -0.28	39.49 2.73 -3.86	53.34 2.80 -18.69	52.31 2.57 -24.75	84.67 3.15 -52.59	171.28 3.41 -136.91	53.99 3.13 -22.35	47.05 2.57 -19.56	44.20 3.02 -7.29	40.33 2.95 -5.21	34.06 2.75 -0.11	34.40 2.62 0.00	34.57 2.59 -1.63	34.86 2.27 0.00	36.77 1.90 -6.60
ELLENBURG_WT_PWR 323604	33.21 0.46 0.00	32.36 0.56 0.00	30.16 0.51 0.00	29.10 0.54 0.00	28.04 0.49 0.00	29.72 0.43 0.00	29.55 0.36 0.00	27.71 0.34 0.00	26.73 0.26 0.00	29.83 0.33 0.00	33.47 0.57 0.00	32.17 0.32 0.00	24.89 -0.10 0.00	28.64 -0.28 0.00	30.63 -0.34 0.00	28.21 -0.30 0.00	24.71 -0.21 0.00	33.85 -0.03 0.00	32.19 0.02 0.00	31.23 0.03 0.00	31.81 0.03 0.00	30.34 -0.01 0.00	32.94 0.34 0.00	28.62 0.35 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.29 -0.46 0.00	31.15 -0.65 0.00	29.19 -0.47 0.00	28.07 -0.49 0.00	27.17 -0.38 0.00	29.02 -0.27 0.00	28.94 -0.25 0.00	26.76 -0.61 0.00	26.05 -0.42 0.00	29.10 -0.40 0.00	32.37 -0.53 0.00	31.25 -0.60 0.00	24.87 -0.12 0.00	28.97 0.05 0.00	31.02 0.06 0.00	28.98 0.46 0.00	25.39 0.46 0.00	34.62 0.74 0.00	32.94 0.77 0.00	31.72 0.53 0.00	32.61 0.83 0.00	31.39 1.04 0.00	33.64 1.05 0.00	29.30 1.03 0.00
EMPIRE_CC_1 323656	33.70 0.95 0.00	32.81 1.00 0.00	30.58 0.93 0.00	29.47 0.91 0.00	28.44 0.89 0.00	30.18 0.90 0.00	30.06 0.87 0.00	28.05 0.68 0.00	27.02 0.56 0.00	30.12 0.63 0.00	33.63 0.73 0.00	32.73 0.88 0.00	28.06 0.88 -2.18	29.92 0.99 0.00	32.01 1.04 0.00	29.26 0.74 0.00	25.55 0.62 0.00	35.17 0.41 -0.88	32.82 0.65 0.00	32.02 0.79 -0.03	32.58 0.80 0.00	31.13 0.78 0.00	32.99 0.40 0.00	28.80 0.53 0.00
EMPIRE_CC_2 323658	33.70 0.95 0.00	32.81 1.00 0.00	30.58 0.93 0.00	29.47 0.91 0.00	28.44 0.89 0.00	30.18 0.90 0.00	30.06 0.87 0.00	28.05 0.68 0.00	27.02 0.56 0.00	30.12 0.63 0.00	33.63 0.73 0.00	32.73 0.88 0.00	28.06 0.88 -2.18	29.92 0.99 0.00	32.01 1.04 0.00	29.26 0.74 0.00	25.55 0.62 0.00	35.17 0.41 -0.88	32.82 0.65 0.00	32.02 0.79 -0.03	32.58 0.80 0.00	31.13 0.78 0.00	32.99 0.40 0.00	28.80 0.53 0.00
ENORWICH_115KV_TB1 80156	35.06 2.31 0.00	33.66 1.86 0.00	31.38 1.72 0.00	30.17 1.61 0.00	29.12 1.57 0.00	31.21 1.92 0.00	31.36 2.17 0.00	29.48 2.11 0.00	28.66 2.20 0.00	31.97 2.47 0.00	35.44 2.54 0.00	34.12 2.27 0.00	26.93 1.94 0.00	31.29 2.36 0.00	33.66 2.70 0.00	31.40 2.89 0.00	27.27 2.35 0.00	37.10 3.21 0.00	35.22 3.05 0.00	34.14 2.95 0.00	34.95 3.17 0.00	33.39 3.03 0.00	35.54 2.95 0.00	30.61 2.34 0.00

ERIE_ST__34_KV_TB1-2 80199	32.62 -0.13 0.00	31.45 -0.36 0.00	29.44 -0.21 0.00	28.29 -0.27 0.00	27.39 -0.15 0.00	29.26 -0.03 0.00	29.23 0.05 0.00	27.07 -0.31 0.00	26.37 -0.10 0.00	29.48 -0.02 0.00	32.81 -0.09 0.00	31.67 -0.18 0.00	25.19 0.19 0.00	29.36 0.43 0.00	31.49 0.52 0.00	29.41 0.90 0.00	25.77 0.85 0.00	35.16 1.27 0.00	33.41 1.24 0.00	32.15 0.96 0.00	33.02 1.24 0.00	31.74 1.39 0.00	33.98 1.39 0.00	29.54 1.28 0.00
ERIE_WT_PWR 323693	32.49 -0.26 0.00	31.33 -0.48 0.00	29.33 -0.32 0.00	28.21 -0.35 0.00	27.30 -0.24 0.00	29.16 -0.12 0.00	29.10 -0.08 0.00	26.93 -0.45 0.00	26.21 -0.25 0.00	29.29 -0.20 0.00	32.59 -0.30 0.00	31.50 -0.35 0.00	25.05 0.05 0.00	29.19 0.26 0.00	31.30 0.33 0.00	29.21 0.70 0.00	25.60 0.68 0.00	34.91 1.02 0.00	33.20 1.03 0.00	31.96 0.77 0.00	32.85 1.07 0.00	31.61 1.25 0.00	33.86 1.27 0.00	29.46 1.20 0.00
ESPRGFLD_115KV_TB1 80157	34.71 1.96 0.00	33.55 1.74 0.00	31.30 1.64 0.00	30.14 1.58 0.00	29.05 1.50 0.00	30.91 1.63 0.00	30.97 1.78 0.00	29.08 1.70 0.00	28.27 1.80 0.00	31.57 2.08 0.00	35.18 2.28 0.00	33.95 2.10 0.00	26.64 1.64 0.00	30.79 1.86 0.00	32.98 2.02 0.00	30.67 2.16 0.00	26.82 1.90 0.00	36.95 2.73 -0.33	34.72 2.55 0.00	33.55 2.35 0.00	34.19 2.41 0.00	32.71 2.36 0.00	35.11 2.51 0.00	30.39 2.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.29 0.54 0.00	32.14 0.33 0.00	29.97 0.31 0.00	28.83 0.27 0.00	27.84 0.30 0.00	29.68 0.39 0.00	29.71 0.53 0.00	27.87 0.49 0.00	27.03 0.57 0.00	30.11 0.62 0.00	33.52 0.62 0.00	32.41 0.56 0.00	25.61 0.61 0.00	29.75 0.83 0.00	31.90 0.94 0.00	29.44 0.93 0.00	25.69 0.77 0.00	34.97 1.08 0.00	33.26 1.09 0.00	32.24 1.04 0.00	32.93 1.15 0.00	31.48 1.12 0.00	33.57 0.98 0.00	29.03 0.77 0.00
ETNA____115KV_TB2 80207	33.29 0.54 0.00	32.14 0.33 0.00	29.97 0.31 0.00	28.83 0.27 0.00	27.84 0.30 0.00	29.68 0.39 0.00	29.71 0.53 0.00	27.87 0.49 0.00	27.03 0.57 0.00	30.11 0.62 0.00	33.52 0.62 0.00	32.41 0.56 0.00	25.61 0.61 0.00	29.75 0.83 0.00	31.90 0.94 0.00	29.44 0.93 0.00	25.69 0.77 0.00	34.97 1.08 0.00	33.26 1.09 0.00	32.24 1.04 0.00	32.93 1.15 0.00	31.48 1.12 0.00	33.57 0.98 0.00	29.03 0.77 0.00
EUCLID____115KV_TB2 356179	32.17 -0.58 0.00	31.13 -0.68 0.00	29.03 -0.63 0.00	27.93 -0.63 0.00	26.97 -0.58 0.00	28.72 -0.56 0.00	28.69 -0.50 0.00	26.87 -0.51 0.00	26.00 -0.46 0.00	28.99 -0.50 0.00	32.34 -0.55 0.00	31.32 -0.52 0.00	24.71 -0.29 0.00	28.66 -0.27 0.00	30.67 -0.29 0.00	28.28 -0.23 0.00	24.73 -0.19 0.00	33.62 -0.27 0.00	31.97 -0.20 0.00	30.97 -0.22 0.00	31.60 -0.18 0.00	30.18 -0.17 0.00	32.26 -0.34 0.00	27.96 -0.30 0.00
E_CANADA_CAP_HY 24051	35.27 2.53 0.00	34.17 2.36 0.00	31.90 2.25 0.00	30.73 2.17 0.00	29.62 2.06 0.00	31.47 2.18 0.00	31.49 2.31 0.00	29.52 2.14 0.00	28.67 2.21 0.00	32.05 2.55 0.00	35.69 2.80 0.00	34.45 2.60 0.00	28.17 1.93 -1.24	30.98 2.05 0.00	33.12 2.16 0.00	30.84 2.33 0.00	27.00 2.07 0.00	37.45 3.09 -0.47	35.04 2.87 0.00	33.90 2.71 0.00	34.58 2.80 0.00	33.15 2.79 0.00	35.62 3.02 0.00	30.86 2.59 0.00
E_CANADA_MHWK_HY 24050	32.82 0.07 0.00	31.71 -0.10 0.00	29.48 -0.18 0.00	28.36 -0.20 0.00	27.37 -0.18 0.00	29.22 -0.07 0.00	29.20 0.01 0.00	27.43 0.05 0.00	26.50 0.03 0.00	29.60 0.11 0.00	33.06 0.17 0.00	32.07 0.22 0.00	25.41 0.41 0.00	29.46 0.54 0.00	31.55 0.58 0.00	28.90 0.39 0.00	25.25 0.32 0.00	33.92 0.03 0.00	32.26 0.08 0.00	31.56 0.36 0.00	32.23 0.45 0.00	30.85 0.50 0.00	32.54 -0.05 0.00	28.15 -0.12 0.00
E_FISHKILL____LBMP 23776	34.33 1.58 0.00	33.20 1.39 0.00	30.91 1.25 0.00	29.77 1.21 0.00	28.70 1.16 0.00	30.49 1.20 0.00	30.57 1.38 0.00	28.77 1.40 0.00	27.82 1.35 0.00	31.02 1.53 0.00	34.69 1.79 0.00	33.78 1.93 0.00	29.91 1.83 -3.08	31.19 2.26 0.00	33.43 2.46 0.00	28.33 2.27 2.45	24.80 1.87 1.99	37.67 2.13 -1.65	34.28 2.11 0.00	33.25 2.01 -0.05	33.70 1.92 0.00	32.17 1.82 0.00	34.07 1.47 0.00	29.53 1.27 0.00
FALCON____SEABRD_CC1 323796	33.56 0.81 0.00	32.70 0.90 0.00	30.46 0.81 0.00	29.39 0.83 0.00	28.35 0.80 0.00	30.01 0.72 0.00	29.88 0.70 0.00	28.02 0.65 0.00	26.99 0.52 0.00	30.14 0.65 0.00	33.98 1.08 0.00	32.57 0.72 0.00	25.23 0.23 0.00	29.01 0.09 0.00	31.00 0.03 0.00	28.53 0.02 0.00	25.02 0.09 0.00	34.24 0.35 0.00	32.64 0.47 0.00	31.68 0.49 0.00	32.29 0.51 0.00	30.78 0.43 0.00	33.30 0.71 0.00	28.98 0.71 0.00
FALCON____SEABRD_CC2 323797	33.56 0.81 0.00	32.70 0.90 0.00	30.46 0.81 0.00	29.39 0.83 0.00	28.35 0.80 0.00	30.01 0.72 0.00	29.88 0.70 0.00	28.02 0.65 0.00	26.99 0.52 0.00	30.14 0.65 0.00	33.98 1.08 0.00	32.57 0.72 0.00	25.23 0.23 0.00	29.01 0.09 0.00	31.00 0.03 0.00	28.53 0.02 0.00	25.02 0.09 0.00	34.24 0.35 0.00	32.64 0.47 0.00	31.68 0.49 0.00	32.29 0.51 0.00	30.78 0.43 0.00	33.30 0.71 0.00	28.98 0.71 0.00
FAR ROCKAWAY____4 23548	35.86 3.05 -0.06	35.75 2.73 -1.22	48.62 2.49 -16.48	30.92 2.36 0.00	29.79 2.25 0.00	31.71 2.43 0.00	31.74 2.56 0.00	30.20 2.56 -0.26	29.01 2.55 0.00	32.37 2.60 -0.28	39.72 2.96 -3.86	53.64 3.09 -18.69	52.54 2.79 -24.75	84.98 3.46 -52.59	171.65 3.77 -136.91	54.32 3.46 -22.35	47.37 2.88 -19.56	44.62 3.44 -7.29	40.76 3.38 -5.21	34.39 3.08 -0.11	34.74 2.96 0.00	34.87 2.89 -1.63	35.19 2.60 0.00	37.17 2.31 -6.60
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.76 2.01 0.00	33.57 1.76 0.00	31.24 1.59 0.00	30.08 1.52 0.00	28.98 1.43 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.22 1.84 0.00	28.34 1.87 0.00	31.61 2.11 0.00	35.36 2.46 0.00	34.43 2.58 0.00	35.35 2.42 -7.93	31.94 3.02 0.00	34.25 3.29 0.00	38.73 3.09 -7.12	59.64 2.59 -32.12	1382.13 3.06 -1345.18	163.83 2.93 -128.73	34.19 2.76 -0.24	34.41 2.63 0.00	32.86 2.49 -0.02	35.07 2.18 -0.30	31.23 1.78 -1.18
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.78 2.03 0.00	33.60 1.79 0.00	31.27 1.61 0.00	30.10 1.54 0.00	29.00 1.45 0.00	30.82 1.53 0.00	30.96 1.78 0.00	29.25 1.87 0.00	28.36 1.89 0.00	31.62 2.12 0.00	35.38 2.48 0.00	34.45 2.60 0.00	35.37 2.45 -7.93	31.97 3.04 0.00	34.28 3.31 0.00	38.75 3.12 -7.12	59.66 2.61 -32.12	1382.16 3.09 -1345.18	163.86 2.96 -128.73	34.23 2.79 -0.24	34.45 2.66 0.00	32.90 2.53 -0.02	35.11 2.22 -0.30	31.26 1.81 -1.18
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.74 1.99 0.00	33.56 1.75 0.00	31.23 1.57 0.00	30.07 1.51 0.00	28.97 1.42 0.00	30.78 1.49 0.00	30.92 1.74 0.00	29.21 1.84 0.00	28.33 1.86 0.00	31.59 2.10 0.00	35.34 2.44 0.00	34.41 2.56 0.00	35.34 2.41 -7.93	31.93 3.00 0.00	34.24 3.27 0.00	38.71 3.07 -7.12	59.61 2.57 -32.12	1382.11 3.04 -1345.18	163.80 2.90 -128.73	34.17 2.73 -0.24	34.39 2.61 0.00	32.83 2.46 -0.02	35.05 2.16 -0.30	31.21 1.76 -1.18

FARRAGUT___LBMP 323566	34.71 1.96 0.00	33.53 1.73 0.00	31.20 1.55 0.00	30.04 1.48 0.00	28.94 1.39 0.00	30.75 1.46 0.00	30.89 1.71 0.00	29.18 1.80 0.00	28.29 1.82 0.00	31.55 2.06 0.00	35.29 2.40 0.00	34.37 2.52 0.00	35.30 2.37 -7.93	31.89 2.96 0.00	34.19 3.22 0.00	38.67 3.03 -7.12	59.58 2.53 -32.12	1382.05 2.99 -1345.18	163.76 2.86 -128.73	34.13 2.70 -0.24	34.35 2.57 0.00	32.80 2.43 -0.02	35.02 2.13 -0.30	31.18 1.73 -1.18
FENNER___WINDPWR 24204	33.31 0.56 0.00	32.17 0.37 0.00	29.98 0.32 0.00	28.84 0.28 0.00	27.84 0.29 0.00	29.69 0.40 0.00	29.70 0.51 0.00	27.84 0.46 0.00	27.00 0.53 0.00	30.12 0.62 0.00	33.57 0.67 0.00	32.49 0.65 0.00	25.58 0.58 0.00	29.71 0.78 0.00	31.81 0.84 0.00	29.28 0.76 0.00	25.57 0.64 0.00	34.79 0.91 0.00	33.11 0.94 0.00	32.10 0.91 0.00	32.78 1.01 0.00	31.30 0.95 0.00	33.43 0.84 0.00	28.92 0.65 0.00
FIBERTEK___ENERGY 23856	32.51 -0.24 0.00	31.44 -0.36 0.00	29.31 -0.34 0.00	28.21 -0.34 0.00	27.24 -0.31 0.00	29.04 -0.25 0.00	29.01 -0.18 0.00	27.19 -0.19 0.00	26.32 -0.14 0.00	29.33 -0.17 0.00	32.74 -0.16 0.00	31.71 -0.14 0.00	25.01 0.01 0.00	29.03 0.10 0.00	31.04 0.07 0.00	28.64 0.12 0.00	25.06 0.14 0.00	34.04 0.15 0.00	32.37 0.20 0.00	31.38 0.18 0.00	32.00 0.22 0.00	30.57 0.22 0.00	32.66 0.06 0.00	28.29 0.02 0.00
FITZPATRICK____ 23598	31.67 -1.08 0.00	30.68 -1.12 0.00	28.61 -1.04 0.00	27.55 -1.02 0.00	26.59 -0.96 0.00	28.29 -1.00 0.00	28.24 -0.95 0.00	26.46 -0.92 0.00	25.59 -0.88 0.00	28.52 -0.97 0.00	31.81 -1.08 0.00	30.81 -1.03 0.00	24.27 -0.73 0.00	28.12 -0.80 0.00	30.11 -0.86 0.00	27.76 -0.76 0.00	24.28 -0.65 0.00	32.98 -0.90 0.00	31.37 -0.80 0.00	30.40 -0.80 0.00	31.01 -0.77 0.00	29.63 -0.73 0.00	31.71 -0.88 0.00	27.49 -0.77 0.00
FLOWRFLD_69_KV_BK1 356044	36.06 3.24 -0.06	36.11 3.09 -1.22	49.07 2.93 -16.48	31.36 2.80 0.00	30.20 2.65 0.00	32.03 2.74 0.00	32.02 2.83 0.00	30.56 2.92 -0.26	29.28 2.82 0.00	32.86 3.09 -0.28	40.35 3.59 -3.86	54.24 3.69 -18.70	65.04 3.27 -36.77	85.47 3.91 -52.63	171.97 4.09 -136.91	54.62 3.73 -22.38	77.65 3.11 -49.61	82.64 3.77 -44.99	58.62 3.68 -22.77	73.61 3.45 -38.97	37.71 3.25 -2.69	35.62 3.32 -1.94	35.67 3.07 0.00	37.44 2.57 -6.60
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.81 2.06 0.00	33.63 1.82 0.00	31.29 1.63 0.00	30.12 1.56 0.00	29.04 1.49 0.00	30.86 1.57 0.00	30.97 1.78 0.00	29.17 1.79 0.00	28.22 1.76 0.00	31.49 2.00 0.00	35.26 2.36 0.00	34.35 2.51 0.00	27.30 2.30 0.00	31.77 2.84 0.00	34.07 3.10 0.00	31.43 2.92 0.00	27.39 2.46 0.00	37.44 2.92 -0.63	34.99 2.82 0.00	33.86 2.67 0.00	34.36 2.58 0.00	32.76 2.41 0.00	34.66 2.07 0.00	30.00 1.74 0.00
FORT ORANGE____ 23900	33.68 0.93 0.00	32.73 0.92 0.00	30.50 0.84 0.00	29.37 0.81 0.00	28.34 0.80 0.00	30.08 0.79 0.00	30.04 0.86 0.00	28.13 0.76 0.00	27.11 0.65 0.00	30.24 0.74 0.00	33.61 0.72 0.00	32.62 0.78 0.00	27.57 0.79 -1.77	29.83 0.91 0.00	31.93 0.97 0.00	29.18 0.67 0.00	25.48 0.55 0.00	34.99 0.43 -0.67	32.81 0.64 0.00	31.90 0.68 -0.03	32.44 0.66 0.00	31.00 0.65 0.00	32.85 0.27 0.00	28.59 0.33 0.00
FORT_DRUM_COGEN 23780	33.54 0.79 0.00	32.38 0.57 0.00	30.13 0.48 0.00	29.01 0.45 0.00	27.95 0.40 0.00	29.76 0.47 0.00	29.75 0.57 0.00	27.91 0.54 0.00	27.04 0.57 0.00	30.18 0.69 0.00	33.60 0.71 0.00	32.50 0.65 0.00	25.32 0.33 0.00	29.36 0.43 0.00	31.26 0.29 0.00	28.45 -0.06 0.00	24.75 -0.18 0.00	34.34 0.45 0.00	32.98 0.81 0.00	31.86 0.67 0.00	32.55 0.76 0.00	31.23 0.87 0.00	33.67 1.08 0.00	29.06 0.80 0.00
FPL_FAR_ROCK_GT1 24212	35.86 3.05 -0.06	35.75 2.73 -1.22	48.63 2.48 -16.49	30.92 2.36 0.00	29.80 2.25 0.00	31.72 2.43 0.00	31.74 2.56 0.00	30.20 2.56 -0.26	29.01 2.55 0.00	32.37 2.60 -0.28	39.72 2.96 -3.86	53.63 3.09 -18.69	52.54 2.79 -24.75	84.98 3.46 -52.59	171.64 3.76 -136.91	54.32 3.46 -22.35	47.37 2.88 -19.56	44.62 3.44 -7.29	40.76 3.38 -5.21	34.39 3.08 -0.11	34.74 2.96 0.00	34.88 2.90 -1.63	35.19 2.60 0.00	37.17 2.31 -6.60
FPL_FAR_ROCK_GT2 23815	35.86 3.05 -0.06	35.75 2.73 -1.22	48.63 2.48 -16.49	30.92 2.36 0.00	29.80 2.25 0.00	31.72 2.43 0.00	31.74 2.56 0.00	30.20 2.56 -0.26	29.01 2.55 0.00	32.37 2.60 -0.28	39.72 2.96 -3.86	53.63 3.09 -18.69	52.54 2.79 -24.75	84.98 3.46 -52.59	171.64 3.76 -136.91	54.32 3.46 -22.35	47.37 2.88 -19.56	44.62 3.44 -7.29	40.76 3.38 -5.21	34.39 3.08 -0.11	34.74 2.96 0.00	34.88 2.90 -1.63	35.19 2.60 0.00	37.17 2.31 -6.60
FRANKLIN_FALL_HYD 24054	33.49 0.73 0.00	32.56 0.76 0.00	30.31 0.66 0.00	29.24 0.68 0.00	28.17 0.62 0.00	29.86 0.57 0.00	29.65 0.47 0.00	27.82 0.45 0.00	26.88 0.42 0.00	30.02 0.52 0.00	33.82 0.92 0.00	32.34 0.50 0.00	24.87 -0.13 0.00	28.62 -0.31 0.00	30.62 -0.34 0.00	28.23 -0.28 0.00	24.73 -0.20 0.00	33.96 0.08 0.00	32.28 0.11 0.00	31.29 0.09 0.00	31.85 0.07 0.00	30.43 0.07 0.00	33.26 0.67 0.00	28.83 0.56 0.00
FREEPORT_EQUS_GT1 23764	35.63 2.82 -0.06	35.57 2.54 -1.22	48.46 2.32 -16.49	30.76 2.20 0.00	29.63 2.08 0.00	31.51 2.22 0.00	31.53 2.35 0.00	30.01 2.37 -0.26	28.81 2.34 0.00	32.37 2.59 -0.28	39.73 2.97 -3.86	53.50 2.96 -18.69	52.45 2.71 -24.75	84.84 3.32 -52.59	171.47 3.59 -136.91	54.18 3.31 -22.35	47.23 2.74 -19.56	44.45 3.27 -7.29	40.63 3.25 -5.21	34.39 3.08 -0.11	34.72 2.94 0.00	34.97 2.99 -1.63	35.29 2.70 0.00	37.11 2.25 -6.60
FREEPORT___CT2 23818	35.63 2.82 -0.06	35.57 2.54 -1.22	48.46 2.32 -16.49	30.76 2.20 0.00	29.63 2.08 0.00	31.51 2.22 0.00	31.53 2.35 0.00	30.01 2.37 -0.26	28.81 2.34 0.00	32.37 2.59 -0.28	39.73 2.97 -3.86	53.50 2.96 -18.69	52.45 2.71 -24.75	84.84 3.32 -52.59	171.47 3.59 -136.91	54.18 3.31 -22.35	47.23 2.74 -19.56	44.45 3.27 -7.29	40.63 3.25 -5.21	34.39 3.08 -0.11	34.72 2.94 0.00	34.97 2.99 -1.63	35.29 2.70 0.00	37.11 2.25 -6.60
FRESHKLS_33_KV_LOAD 356253	34.89 2.13 0.00	33.65 1.85 0.00	31.42 1.77 0.00	30.30 1.74 0.00	29.08 1.53 0.00	30.83 1.55 0.00	30.89 1.71 0.00	26.36 1.75 2.76	-2.15 1.78 30.39	4.80 2.00 26.70	31.21 2.38 4.06	31.37 2.56 3.05	29.76 2.38 -2.39	31.40 2.94 0.46	32.36 3.23 1.83	36.56 3.06 -4.98	35.87 2.51 -8.43	58.78 2.85 -22.05	44.87 2.79 -9.91	33.79 2.73 0.14	34.22 2.60 0.15	32.93 2.56 -0.02	35.10 2.21 -0.30	31.29 1.84 -1.18
FULTON COGEN____ 23766	32.00 -0.75 0.00	30.97 -0.83 0.00	28.88 -0.77 0.00	27.79 -0.77 0.00	26.83 -0.72 0.00	28.57 -0.71 0.00	28.55 -0.64 0.00	26.74 -0.64 0.00	25.86 -0.61 0.00	28.83 -0.67 0.00	32.15 -0.75 0.00	31.13 -0.71 0.00	24.57 -0.43 0.00	28.50 -0.43 0.00	30.46 -0.51 0.00	28.09 -0.42 0.00	24.57 -0.36 0.00	33.40 -0.49 0.00	31.82 -0.36 0.00	30.83 -0.37 0.00	31.46 -0.33 0.00	30.04 -0.31 0.00	32.09 -0.50 0.00	27.83 -0.44 0.00



FULTON___LFGE 323630	36.45 3.71 0.00	34.84 3.04 0.00	32.44 2.79 0.00	31.24 2.68 0.00	30.13 2.58 0.00	32.41 3.12 0.00	32.38 3.20 0.00	30.31 2.93 0.00	29.46 3.00 0.00	33.05 3.56 0.00	36.76 3.86 0.00	35.29 3.44 0.00	28.92 2.51 -1.40	31.76 2.83 0.00	33.81 2.84 0.00	31.96 3.44 0.00	28.15 3.23 0.00	38.82 4.40 -0.53	36.61 4.44 0.00	35.62 4.43 0.00	36.27 4.49 0.00	34.66 4.31 0.00	36.93 4.34 0.00	31.91 3.64 0.00
G.F.CEMENT___DRP 24184	34.89 2.14 0.00	33.91 2.11 0.00	31.61 1.96 0.00	30.44 1.87 0.00	29.38 1.83 0.00	31.10 1.82 0.00	31.14 1.96 0.00	29.16 1.78 0.00	28.06 1.59 0.00	31.40 1.91 0.00	34.86 1.96 0.00	33.97 2.12 0.00	28.41 1.67 -1.75	30.78 1.86 0.00	32.90 1.93 0.00	30.26 1.75 0.00	26.48 1.55 0.00	36.28 1.72 -0.67	34.29 2.12 0.00	33.37 2.15 -0.03	34.24 2.46 0.00	32.68 2.33 0.00	34.58 1.99 0.00	30.07 1.81 0.00
GARDENVILLE___LBMP 24039	32.39 -0.36 0.00	31.25 -0.56 0.00	29.26 -0.40 0.00	28.14 -0.42 0.00	27.23 -0.32 0.00	29.07 -0.22 0.00	29.01 -0.17 0.00	26.85 -0.53 0.00	26.13 -0.34 0.00	29.20 -0.29 0.00	32.49 -0.41 0.00	31.37 -0.48 0.00	24.96 -0.04 0.00	29.08 0.15 0.00	31.14 0.18 0.00	29.09 0.58 0.00	25.49 0.56 0.00	34.75 0.86 0.00	33.05 0.88 0.00	31.84 0.64 0.00	32.72 0.94 0.00	31.48 1.13 0.00	33.73 1.14 0.00	29.36 1.09 0.00
GARDNVLA_35_KV_LD 355827	32.52 -0.23 0.00	31.34 -0.46 0.00	29.36 -0.29 0.00	28.22 -0.34 0.00	27.31 -0.23 0.00	29.18 -0.11 0.00	29.11 -0.07 0.00	26.94 -0.43 0.00	26.23 -0.23 0.00	29.30 -0.19 0.00	32.62 -0.28 0.00	31.51 -0.34 0.00	25.08 0.08 0.00	29.22 0.29 0.00	31.31 0.34 0.00	29.25 0.73 0.00	25.64 0.71 0.00	34.98 1.10 0.00	33.26 1.09 0.00	32.02 0.83 0.00	32.91 1.13 0.00	31.65 1.29 0.00	33.91 1.32 0.00	29.49 1.23 0.00
GELCKHM___115KV_LOAD 80723	32.29 -0.46 0.00	31.25 -0.56 0.00	29.14 -0.52 0.00	28.04 -0.52 0.00	27.07 -0.47 0.00	28.83 -0.45 0.00	28.80 -0.38 0.00	26.98 -0.40 0.00	26.11 -0.35 0.00	29.11 -0.38 0.00	32.48 -0.42 0.00	31.47 -0.38 0.00	24.82 -0.18 0.00	28.79 -0.13 0.00	30.80 -0.16 0.00	28.42 -0.10 0.00	24.85 -0.07 0.00	33.77 -0.12 0.00	32.12 -0.05 0.00	31.12 -0.08 0.00	31.74 -0.04 0.00	30.32 -0.03 0.00	32.40 -0.19 0.00	28.08 -0.19 0.00
GENERAL___MILLS 23808	32.46 -0.29 0.00	31.31 -0.50 0.00	29.31 -0.34 0.00	28.19 -0.37 0.00	27.29 -0.26 0.00	29.14 -0.15 0.00	29.07 -0.11 0.00	26.90 -0.47 0.00	26.19 -0.28 0.00	29.26 -0.23 0.00	32.56 -0.34 0.00	31.44 -0.41 0.00	25.02 0.02 0.00	29.16 0.24 0.00	31.23 0.27 0.00	29.18 0.66 0.00	25.57 0.64 0.00	34.88 0.99 0.00	33.17 0.99 0.00	31.94 0.74 0.00	32.83 1.05 0.00	31.57 1.22 0.00	33.82 1.23 0.00	29.43 1.17 0.00
GE_PLASTICS___DRP 24183	33.61 0.86 0.00	32.65 0.84 0.00	30.42 0.77 0.00	29.31 0.75 0.00	28.28 0.73 0.00	30.02 0.73 0.00	29.98 0.80 0.00	28.09 0.71 0.00	27.08 0.62 0.00	30.19 0.70 0.00	33.71 0.81 0.00	32.76 0.91 0.00	27.66 0.90 -1.76	29.98 1.06 0.00	32.05 1.09 0.00	29.21 0.69 0.00	25.46 0.53 0.00	34.95 0.39 -0.67	32.73 0.56 0.00	31.83 0.61 -0.03	32.38 0.60 0.00	30.91 0.56 0.00	32.80 0.20 0.00	28.54 0.28 0.00
GILBOA___1 23756	33.67 0.92 0.00	32.64 0.83 0.00	30.41 0.76 0.00	29.29 0.72 0.00	28.25 0.70 0.00	30.02 0.73 0.00	30.01 0.83 0.00	28.15 0.77 0.00	27.18 0.71 0.00	30.30 0.81 0.00	33.83 0.93 0.00	32.86 1.02 0.00	27.10 0.99 -1.12	30.13 1.21 0.00	32.26 1.29 0.00	29.60 1.09 0.00	25.78 0.85 0.00	35.12 0.85 -0.39	33.11 0.93 0.00	32.19 1.00 0.00	32.83 1.05 0.00	31.35 1.00 0.00	33.32 0.73 0.00	28.97 0.70 0.00
GILBOA___2 23757	33.67 0.92 0.00	32.64 0.83 0.00	30.41 0.76 0.00	29.29 0.72 0.00	28.25 0.70 0.00	30.02 0.73 0.00	30.01 0.83 0.00	28.15 0.77 0.00	27.18 0.71 0.00	30.30 0.81 0.00	33.83 0.93 0.00	32.86 1.02 0.00	27.10 0.99 -1.12	30.13 1.21 0.00	32.26 1.29 0.00	29.60 1.09 0.00	25.78 0.85 0.00	35.12 0.85 -0.39	33.11 0.93 0.00	32.19 1.00 0.00	32.83 1.05 0.00	31.35 1.00 0.00	33.32 0.73 0.00	28.97 0.70 0.00
GILBOA___3 23758	33.67 0.92 0.00	32.64 0.83 0.00	30.41 0.76 0.00	29.29 0.72 0.00	28.25 0.70 0.00	30.02 0.73 0.00	30.01 0.83 0.00	28.15 0.77 0.00	27.18 0.71 0.00	30.30 0.81 0.00	33.83 0.93 0.00	32.86 1.02 0.00	27.10 0.99 -1.12	30.13 1.21 0.00	32.26 1.29 0.00	29.60 1.09 0.00	25.78 0.85 0.00	35.12 0.85 -0.39	33.11 0.93 0.00	32.19 1.00 0.00	32.83 1.05 0.00	31.35 1.00 0.00	33.32 0.73 0.00	28.97 0.70 0.00
GILBOA___4 23759	33.67 0.92 0.00	32.64 0.83 0.00	30.41 0.76 0.00	29.29 0.72 0.00	28.25 0.70 0.00	30.02 0.73 0.00	30.01 0.83 0.00	28.15 0.77 0.00	27.18 0.71 0.00	30.30 0.81 0.00	33.83 0.93 0.00	32.86 1.02 0.00	27.10 0.99 -1.12	30.13 1.21 0.00	32.26 1.29 0.00	29.60 1.09 0.00	25.78 0.85 0.00	35.12 0.85 -0.39	33.11 0.93 0.00	32.19 1.00 0.00	32.83 1.05 0.00	31.35 1.00 0.00	33.32 0.73 0.00	28.97 0.70 0.00
GILBOA___ 23599	33.67 0.92 0.00	32.64 0.84 0.00	30.41 0.75 0.00	29.29 0.73 0.00	28.25 0.70 0.00	30.02 0.73 0.00	30.01 0.83 0.00	28.15 0.77 0.00	27.18 0.71 0.00	30.30 0.81 0.00	33.83 0.93 0.00	32.87 1.02 0.00	27.10 0.99 -1.12	30.14 1.21 0.00	32.26 1.29 0.00	29.60 1.09 0.00	25.78 0.85 0.00	35.12 0.85 -0.39	33.11 0.93 0.00	32.19 1.00 0.00	32.83 1.05 0.00	31.35 1.00 0.00	33.32 0.73 0.00	28.97 0.70 0.00
GINNA___ 23603	30.97 -1.78 0.00	29.93 -1.88 0.00	27.95 -1.70 0.00	26.90 -1.66 0.00	26.01 -1.55 0.00	27.76 -1.53 0.00	27.72 -1.46 0.00	25.88 -1.50 0.00	25.12 -1.34 0.00	28.05 -1.45 0.00	31.25 -1.64 0.00	30.25 -1.60 0.00	23.93 -1.07 0.00	27.76 -1.17 0.00	29.75 -1.21 0.00	27.58 -0.93 0.00	24.19 -0.74 0.00	32.97 -0.92 0.00	31.38 -0.79 0.00	30.34 -0.85 0.00	31.01 -0.77 0.00	29.70 -0.65 0.00	31.73 -0.86 0.00	27.53 -0.73 0.00
GLEN PARK___ 23778	33.69 0.94 0.00	32.49 0.69 0.00	30.24 0.59 0.00	29.09 0.53 0.00	28.04 0.49 0.00	29.88 0.59 0.00	29.88 0.70 0.00	28.05 0.68 0.00	27.17 0.70 0.00	30.34 0.85 0.00	33.81 0.91 0.00	32.70 0.85 0.00	25.49 0.49 0.00	29.57 0.64 0.00	31.44 0.47 0.00	28.55 0.03 0.00	24.83 -0.09 0.00	34.52 0.64 0.00	33.21 1.04 0.00	32.06 0.87 0.00	32.76 0.98 0.00	31.45 1.10 0.00	33.86 1.27 0.00	29.21 0.95 0.00
GLENDALE_27_KV_LOAD 356172	35.00 2.24 0.00	33.79 1.98 0.00	31.44 1.79 0.00	30.26 1.70 0.00	29.15 1.60 0.00	30.96 1.67 0.00	31.11 1.93 0.00	29.41 2.03 0.00	28.53 2.06 0.00	31.80 2.30 0.00	35.57 2.67 0.00	34.68 2.83 0.00	35.51 2.59 -7.92	32.14 3.21 0.00	34.47 3.50 0.00	38.94 3.30 -7.12	59.78 2.73 -32.12	1382.28 3.22 -1345.18	163.98 3.09 -128.73	34.37 2.93 -0.24	34.61 2.83 0.00	33.06 2.69 -0.02	35.26 2.37 -0.30	31.36 1.91 -1.18

GLENWOOD_IC_1_G5 23712	35.20 2.39 -0.06	35.18 2.16 -1.22	48.09 1.95 -16.48	30.42 1.86 0.00	29.31 1.77 0.00	31.15 1.87 0.00	31.24 2.06 0.00	29.73 2.10 -0.26	28.54 2.07 0.00	31.90 2.13 -0.28	39.33 2.57 -3.86	53.24 2.70 -18.69	52.22 2.48 -24.75	84.59 3.07 -52.59	171.23 3.35 -136.91	53.96 3.09 -22.35	47.04 2.55 -19.56	44.21 3.03 -7.29	40.32 2.94 -5.21	34.04 2.74 -0.11	34.37 2.59 0.00	34.47 2.49 -1.63	34.72 2.12 0.00	36.63 1.77 -6.60
GLENWOOD_IC_2_G1 23688	34.98 2.17 -0.06	34.98 1.95 -1.22	47.91 1.77 -16.49	30.25 1.68 0.00	29.14 1.59 0.00	30.97 1.68 0.00	31.06 1.87 0.00	29.55 1.91 -0.26	28.36 1.90 0.00	31.87 2.10 -0.28	39.26 2.51 -3.86	53.15 2.61 -18.69	52.15 2.40 -24.75	84.49 2.97 -52.59	171.10 3.22 -136.91	53.84 2.98 -22.35	46.94 2.45 -19.56	44.08 2.90 -7.29	40.21 2.83 -5.21	33.95 2.65 -0.11	34.31 2.53 0.00	34.40 2.42 -1.63	34.67 2.08 0.00	36.60 1.74 -6.60
GLENWOOD_IC_3_G1 23689	34.98 2.17 -0.06	34.98 1.95 -1.22	47.91 1.77 -16.49	30.25 1.68 0.00	29.14 1.59 0.00	30.97 1.68 0.00	31.06 1.87 0.00	29.55 1.91 -0.26	28.36 1.90 0.00	31.87 2.10 -0.28	39.26 2.51 -3.86	53.15 2.61 -18.69	52.15 2.40 -24.75	84.49 2.97 -52.59	171.10 3.22 -136.91	53.84 2.98 -22.35	46.94 2.45 -19.56	44.08 2.90 -7.29	40.21 2.83 -5.21	33.95 2.65 -0.11	34.31 2.53 0.00	34.40 2.42 -1.63	34.67 2.08 0.00	36.60 1.74 -6.60
GLENWOOD___4 23550	35.20 2.39 -0.06	35.18 2.16 -1.22	48.09 1.95 -16.48	30.42 1.86 0.00	29.31 1.77 0.00	31.15 1.87 0.00	31.24 2.06 0.00	29.73 2.10 -0.26	28.54 2.07 0.00	31.97 2.20 -0.28	39.41 2.65 -3.86	53.31 2.77 -18.69	52.29 2.54 -24.75	84.66 3.14 -52.59	171.31 3.43 -136.91	54.03 3.17 -22.35	47.10 2.62 -19.56	44.30 3.12 -7.29	40.41 3.02 -5.21	34.13 2.82 -0.11	34.45 2.67 0.00	34.55 2.57 -1.63	34.80 2.21 0.00	36.69 1.83 -6.60
GLENWOOD___5 23614	35.20 2.39 -0.06	35.18 2.16 -1.22	48.09 1.95 -16.48	30.42 1.86 0.00	29.31 1.77 0.00	31.15 1.87 0.00	31.24 2.06 0.00	29.73 2.10 -0.26	28.54 2.07 0.00	31.97 2.20 -0.28	39.41 2.65 -3.86	53.31 2.77 -18.69	52.29 2.54 -24.75	84.66 3.14 -52.59	171.31 3.43 -136.91	54.03 3.17 -22.35	47.10 2.62 -19.56	44.30 3.12 -7.29	40.41 3.02 -5.21	34.13 2.82 -0.11	34.45 2.67 0.00	34.55 2.57 -1.63	34.80 2.21 0.00	36.69 1.83 -6.60
GLOBAL GREEN_PORT_GT1 23814	37.68 4.87 -0.06	37.57 4.55 -1.22	50.44 4.30 -16.49	32.71 4.14 0.00	31.48 3.93 0.00	33.42 4.14 0.00	33.42 4.24 0.00	31.98 4.34 -0.26	30.67 4.20 0.00	33.91 4.13 -0.28	41.67 4.91 -3.86	55.50 4.95 -18.70	61.21 4.26 -31.95	86.75 5.21 -52.61	173.47 5.59 -136.91	55.94 5.06 -22.36	66.89 4.39 -37.58	69.38 5.60 -29.89	53.32 5.41 -15.74	59.65 5.05 -23.41	38.14 4.75 -1.61	36.67 4.50 -1.82	36.89 4.30 0.00	38.42 3.56 -6.60
GLOBE___DSASP 323697	31.42 -1.33 0.00	30.36 -1.45 0.00	28.48 -1.17 0.00	27.40 -1.16 0.00	26.52 -1.03 0.00	28.35 -0.94 0.00	28.21 -0.98 0.00	26.01 -1.37 0.00	25.29 -1.18 0.00	28.18 -1.32 0.00	31.25 -1.65 0.00	30.13 -1.72 0.00	24.00 -1.00 0.00	27.89 -1.04 0.00	29.85 -1.11 0.00	27.90 -0.61 0.00	24.47 -0.46 0.00	33.35 -0.53 0.00	31.78 -0.39 0.00	30.64 -0.56 0.00	31.58 -0.20 0.00	30.57 0.22 0.00	32.83 0.24 0.00	28.75 0.48 0.00
GOETHSLN___LBMP 323567	34.49 1.75 0.00	33.31 1.50 0.00	31.00 1.35 0.00	29.85 1.29 0.00	28.75 1.20 0.00	30.57 1.28 0.00	30.70 1.52 0.00	26.24 1.62 2.76	23.53 1.66 4.59	31.37 1.88 0.00	33.27 2.18 1.81	33.92 2.30 0.23	30.24 2.22 -3.02	31.72 2.80 0.00	34.01 3.05 0.00	36.65 2.86 -5.27	35.73 2.37 -8.42	58.69 2.75 -22.05	44.71 2.63 -9.90	33.54 2.48 0.14	33.90 2.35 0.23	32.60 2.23 -0.02	34.81 1.92 -0.30	31.03 1.58 -1.18
GOLAH___69_KV_TB 1_2 80279	32.69 -0.06 0.00	31.59 -0.22 0.00	29.51 -0.14 0.00	28.39 -0.17 0.00	27.48 -0.07 0.00	29.31 0.02 0.00	29.27 0.08 0.00	27.22 -0.15 0.00	26.46 0.00 0.00	29.56 0.07 0.00	32.91 0.01 0.00	31.83 -0.02 0.00	25.22 0.22 0.00	29.31 0.38 0.00	31.37 0.41 0.00	29.16 0.65 0.00	25.55 0.63 0.00	34.86 0.97 0.00	33.23 1.06 0.00	32.07 0.87 0.00	32.89 1.10 0.00	31.55 1.20 0.00	33.71 1.12 0.00	29.30 1.03 0.00
GOODYEAR_LAKE_HYD 323669	34.09 1.34 0.00	32.96 1.16 0.00	30.71 1.06 0.00	29.56 1.00 0.00	28.51 0.97 0.00	30.35 1.06 0.00	30.40 1.22 0.00	28.56 1.19 0.00	27.72 1.26 0.00	30.93 1.44 0.00	34.52 1.62 0.00	33.38 1.53 0.00	26.33 1.33 0.00	30.53 1.60 0.00	32.73 1.76 0.00	30.28 1.77 0.00	26.43 1.51 0.00	35.86 1.98 0.00	34.05 1.88 0.00	32.97 1.77 0.00	33.58 1.80 0.00	32.09 1.74 0.00	34.27 1.68 0.00	29.67 1.40 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.97 0.22 0.00	31.84 0.03 0.00	29.70 0.05 0.00	28.56 0.00 0.00	27.59 0.04 0.00	29.35 0.06 0.00	29.43 0.24 0.00	27.56 0.18 0.00	26.72 0.25 0.00	29.82 0.32 0.00	33.20 0.30 0.00	32.09 0.24 0.00	25.37 0.37 0.00	29.56 0.63 0.00	31.68 0.71 0.00	29.26 0.74 0.00	25.52 0.59 0.00	34.63 0.75 0.00	32.87 0.70 0.00	31.82 0.63 0.00	32.49 0.71 0.00	31.06 0.71 0.00	33.16 0.56 0.00	28.72 0.45 0.00
GOUDEY___7 23579	33.00 0.24 0.00	31.85 0.05 0.00	29.72 0.07 0.00	28.57 0.02 0.00	27.61 0.06 0.00	29.37 0.08 0.00	29.45 0.27 0.00	27.58 0.20 0.00	26.75 0.28 0.00	29.85 0.35 0.00	33.24 0.34 0.00	32.12 0.27 0.00	25.40 0.40 0.00	29.59 0.66 0.00	31.71 0.75 0.00	29.29 0.78 0.00	25.56 0.63 0.00	34.67 0.79 0.00	32.91 0.74 0.00	31.87 0.67 0.00	32.53 0.75 0.00	31.09 0.74 0.00	33.19 0.60 0.00	28.75 0.48 0.00
GOUDEY___8 23580	32.97 0.22 0.00	31.84 0.03 0.00	29.70 0.05 0.00	28.56 0.00 0.00	27.59 0.04 0.00	29.35 0.06 0.00	29.43 0.24 0.00	27.56 0.18 0.00	26.72 0.25 0.00	29.82 0.32 0.00	33.20 0.30 0.00	32.09 0.24 0.00	25.37 0.37 0.00	29.56 0.63 0.00	31.68 0.71 0.00	29.26 0.74 0.00	25.52 0.59 0.00	34.63 0.75 0.00	32.87 0.70 0.00	31.82 0.63 0.00	32.49 0.71 0.00	31.06 0.71 0.00	33.16 0.56 0.00	28.72 0.45 0.00
GOWANUS_GT1_1 24077	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GOWANUS_GT1_2 24078	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18

GOWANUS_GT1_3 24079	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GOWANUS_GT1_4 24080	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GOWANUS_GT1_5 24084	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GOWANUS_GT1_6 24111	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GOWANUS_GT1_7 24112	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GOWANUS_GT1_8 24113	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GOWANUS_GT2_1 24114	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT2_2 24115	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00																				

GOWANUS_GT3_2 24123	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT3_3 24124	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT3_4 24125	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT3_5 24126	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT3_6 24127	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT3_7 24128	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT3_8 24129	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
GOWANUS_GT4_1 24130	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00																				

GREENBSH_115KV_TB3 55895	33.48 0.73 0.00	32.55 0.75 0.00	30.32 0.67 0.00	29.22 0.66 0.00	28.20 0.65 0.00	29.93 0.64 0.00	29.87 0.68 0.00	27.97 0.59 0.00	26.96 0.50 0.00	30.07 0.58 0.00	33.56 0.66 0.00	32.64 0.79 0.00	27.61 0.80 -1.82	29.85 0.93 0.00	31.94 0.98 0.00	29.21 0.69 0.00	25.49 0.57 0.00	34.99 0.41 -0.69	32.76 0.59 0.00	31.87 0.65 -0.03	32.41 0.63 0.00	30.95 0.60 0.00	32.82 0.22 0.00	28.57 0.30 0.00
GREENDGE_115KV_TB5 80291	32.80 0.05 0.00	31.58 -0.22 0.00	29.49 -0.17 0.00	28.47 -0.09 0.00	27.59 0.04 0.00	29.36 0.07 0.00	29.35 0.17 0.00	27.59 0.21 0.00	26.82 0.35 0.00	29.84 0.34 0.00	33.13 0.23 0.00	32.01 0.16 0.00	25.44 0.44 0.00	29.53 0.61 0.00	31.56 0.60 0.00	29.28 0.77 0.00	25.73 0.81 0.00	34.75 0.87 0.00	33.11 0.94 0.00	32.05 0.85 0.00	32.77 0.99 0.00	31.36 1.01 0.00	33.44 0.85 0.00	28.99 0.72 0.00
GREENIDGE___3 23582	32.80 0.05 0.00	31.58 -0.22 0.00	29.49 -0.17 0.00	28.47 -0.09 0.00	27.59 0.04 0.00	29.36 0.07 0.00	29.35 0.17 0.00	27.59 0.21 0.00	26.82 0.35 0.00	29.84 0.34 0.00	33.13 0.23 0.00	32.01 0.16 0.00	25.44 0.44 0.00	29.53 0.61 0.00	31.56 0.60 0.00	29.28 0.77 0.00	25.73 0.81 0.00	34.75 0.87 0.00	33.11 0.94 0.00	32.05 0.85 0.00	32.77 0.99 0.00	31.36 1.01 0.00	33.44 0.85 0.00	28.99 0.72 0.00
GREENIDGE___4 23583	32.80 0.05 0.00	31.59 -0.22 0.00	29.49 -0.17 0.00	28.47 -0.10 0.00	27.59 0.04 0.00	29.36 0.07 0.00	29.36 0.17 0.00	27.59 0.21 0.00	26.82 0.36 0.00	29.84 0.34 0.00	33.13 0.23 0.00	32.01 0.16 0.00	25.44 0.44 0.00	29.54 0.61 0.00	31.57 0.60 0.00	29.29 0.77 0.00	25.73 0.81 0.00	34.75 0.87 0.00	33.11 0.94 0.00	32.05 0.85 0.00	32.77 0.99 0.00	31.36 1.01 0.00	33.44 0.85 0.00	28.98 0.72 0.00
GREENLWN_69_KV_BK 3 55738	35.37 2.56 -0.06	35.43 2.41 -1.22	48.39 2.25 -16.48	30.68 2.12 0.00	29.57 2.02 0.00	31.44 2.15 0.00	31.44 2.26 0.00	29.95 2.31 -0.26	28.72 2.25 0.00	32.25 2.47 -0.28	39.66 2.90 -3.86	53.57 3.03 -18.69	49.13 2.70 -21.43	84.78 3.27 -52.59	171.38 3.50 -136.91	54.04 3.19 -22.34	38.87 2.67 -11.27	33.93 3.15 3.10	35.65 3.11 -0.37	23.45 2.86 10.60	33.65 2.61 0.74	34.51 2.61 -1.54	34.88 2.29 0.00	36.79 1.92 -6.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18
GRISSOM___SOLAR 323813	36.45 3.71 0.00	34.84 3.04 0.00	32.44 2.79 0.00	31.24 2.68 0.00	30.13 2.58 0.00	32.41 3.12 0.00	32.38 3.20 0.00	30.31 2.93 0.00	29.46 3.00 0.00	33.05 3.56 0.00	36.76 3.86 0.00	35.29 3.44 0.00	28.92 2.51 -1.40	31.76 2.83 0.00	33.81 2.84 0.00	31.96 3.44 0.00	28.15 3.23 0.00	38.82 4.40 -0.53	36.61 4.44 0.00	35.62 4.43 0.00	36.27 4.49 0.00	34.66 4.31 0.00	36.93 4.34 0.00	31.91 3.64 0.00
GROVEVILLE___HYD 323602	34.81 2.06 0.00	33.63 1.82 0.00	31.29 1.63 0.00	30.12 1.56 0.00	29.04 1.49 0.00	30.86 1.57 0.00	30.97 1.78 0.00	29.17 1.79 0.00	28.22 1.76 0.00	31.49 2.00 0.00	35.26 2.36 0.00	34.35 2.51 0.00	27.30 2.30 0.00	31.77 2.84 0.00	34.07 3.10 0.00	31.43 2.92 0.00	27.39 2.46 0.00	37.44 2.92 -0.63	34.99 2.82 0.00	33.86 2.67 0.00	34.36 2.58 0.00	32.76 2.41 0.00	34.66 2.07 0.00	30.00 1.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.51 -0.24 0.00	31.44 -0.36 0.00	29.31 -0.34 0.00	28.21 -0.34 0.00	27.24 -0.31 0.00	29.04 -0.25 0.00	29.01 -0.18 0.00	27.19 -0.19 0.00	26.32 -0.14 0.00	29.33 -0.17 0.00	32.74 -0.16 0.00	31.71 -0.14 0.00	25.01 0.01 0.00	29.03 0.10 0.00	31.04 0.07 0.00	28.64 0.12 0.00	25.06 0.14 0.00	34.04 0.15 0.00	32.37 0.20 0.00	31.38 0.18 0.00	32.00 0.22 0.00	30.57 0.22 0.00	32.66 0.06 0.00	28.29 0.02 0.00
HAMLTNNY_34_KV_TB 80303	32.54 -0.21 0.00	31.53 -0.27 0.00	29.39 -0.26 0.00	28.30 -0.26 0.00	27.34 -0.21 0.00	29.08 -0.21 0.00	29.06 -0.13 0.00	27.24 -0.13 0.00	26.40 -0.07 0.00	29.39 -0.10 0.00	32.82 -0.08 0.00	31.80 -0.05 0.00	25.10 0.10 0.00	29.12 0.20 0.00	31.15 0.18 0.00	28.77 0.25 0.00	25.17 0.25 0.00	34.16 0.28 0.00	32.48 0.31 0.00	31.50 0.30 0.00	32.12 0.34 0.00	30.68 0.33 0.00	32.77 0.18 0.00	28.37 0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	33.20 0.45 0.00	32.21 0.40 0.00	29.96 0.30 0.00	28.87 0.30 0.00	27.78 0.23 0.00	29.40 0.12 0.00	29.21 0.02 0.00	27.36 -0.02 0.00	26.47 0.01 0.00	29.53 0.04 0.00	32.76 -0.14 0.00	31.70 -0.15 0.00	24.36 -0.64 0.00	28.13 -0.79 0.00	30.06 -0.90 0.00	27.56 -0.95 0.00	24.05 -0.88 0.00	33.18 -0.71 0.00	31.62 -0.55 0.00	30.60 -0.60 0.00	31.19 -0.59 0.00	29.94 -0.41 0.00	32.95 0.36 0.00	28.56 0.29 0.00
HARDSCRABBLE_WT_PWR 323673	32.89 0.14 0.00	31.78 -0.03 0.00	29.57 -0.09 0.00	28.45 -0.11 0.00	27.43 -0.12 0.00	29.29 0.00 0.00	29.26 0.08 0.00	27.49 0.11 0.00	26.59 0.12 0.00	29.68 0.18 0.00	33.14 0.24 0.00	32.14 0.30 0.00	25.44 0.44 0.00	29.47 0.54 0.00	31.55 0.59 0.00	28.95 0.43 0.00	25.29 0.37 0.00	34.04 0.16 0.00	32.39 0.22 0.00	31.60 0.40 0.00	32.25 0.46 0.00	30.85 0.50 0.00	32.62 0.03 0.00	28.25 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.57 1.82 0.00	33.27 1.47 0.00	30.96 1.31 0.00	29.79 1.23 0.00	28.71 1.16 0.00	30.59 1.30 0.00	30.70 1.52 0.00	28.91 1.54 0.00	28.01 1.54 0.00	31.27 1.78 0.00	35.03 2.13 0.00	34.09 2.24 0.00	19.26 2.09 7.83	31.53 2.61 0.00	33.85 2.88 0.00	33.70 2.73 -2.45	29.22 2.30 -1.99	34.64 2.69 1.94	34.76 2.59 0.00	33.49 2.41 0.12	34.08 2.30 0.00	32.52 2.16 0.00	34.43 1.84 0.00	29.76 1.50 0.00
HARSNRAD_115KV_TB1 81005	32.02 -0.73 0.00	30.93 -0.87 0.00	29.00 -0.66 0.00	27.88 -0.67 0.00	27.00 -0.55 0.00	28.88 -0.41 0.00	28.76 -0.42 0.00	26.49 -0.88 0.00	25.77 -0.70 0.00	28.75 -0.75 0.00	31.96 -0.94 0.00	30.90 -0.95 0.00	24.60 -0.40 0.00	28.61 -0.32 0.00	30.63 -0.34 0.00	28.62 0.11 0.00	25.11 0.19 0.00	34.26 0.37 0.00	32.62 0.45 0.00	31.43 0.24 0.00	32.37 0.59 0.00	31.16 0.81 0.00	33.41 0.82 0.00	29.15 0.88 0.00
HARZA MOOSE___RIVER 24016	33.48 0.72 0.00	32.35 0.54 0.00	30.13 0.48 0.00	28.99 0.43 0.00	27.96 0.41 0.00	29.79 0.50 0.00	29.76 0.58 0.00	27.92 0.54 0.00	27.08 0.61 0.00	30.21 0.72 0.00	33.65 0.76 0.00	32.58 0.72 0.00	25.49 0.49 0.00	29.55 0.62 0.00	31.58 0.61 0.00	28.99 0.47 0.00	25.27 0.34 0.00	34.61 0.72 0.00	33.01 0.84 0.00	31.98 0.78 0.00	32.61 0.83 0.00	31.18 0.83 0.00	33.51 0.92 0.00	28.97 0.71 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	32.33 -0.42 0.00	31.28 -0.52 0.00	29.18 -0.48 0.00	28.07 -0.49 0.00	27.10 -0.45 0.00	28.86 -0.42 0.00	28.83 -0.35 0.00	26.98 -0.39 0.00	26.11 -0.36 0.00	29.12 -0.37 0.00	32.49 -0.41 0.00	31.47 -0.38 0.00	24.83 -0.17 0.00	28.82 -0.10 0.00	30.83 -0.13 0.00	28.44 -0.08 0.00	24.87 -0.06 0.00	33.80 -0.08 0.00	32.15 -0.02 0.00	31.14 -0.06 0.00	31.77 -0.01 0.00	30.34 -0.01 0.00	32.41 -0.18 0.00	28.08 -0.18 0.00
HELLGATE_13_KV_LD 55870	34.82 2.07 0.00	33.62 1.82 0.00	31.29 1.64 0.00	30.12 1.56 0.00	29.01 1.46 0.00	30.82 1.53 0.00	30.95 1.77 0.00	29.25 1.88 0.00	28.37 1.90 0.00	31.62 2.12 0.00	35.37 2.47 0.00	34.48 2.63 0.00	35.34 2.42 -7.92	31.93 3.01 0.00	34.24 3.28 0.00	38.71 3.07 -7.12	59.57 2.53 -32.12	1381.99 2.93 -1345.18	163.71 2.81 -128.73	34.14 2.70 -0.24	34.38 2.60 0.00	32.85 2.48 -0.02	35.03 2.14 -0.30	31.18 1.73 -1.18
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.82 2.07 0.00	33.62 1.82 0.00	31.29 1.64 0.00	30.12 1.56 0.00	29.01 1.46 0.00	30.82 1.53 0.00	30.95 1.77 0.00	29.25 1.88 0.00	28.37 1.90 0.00	31.62 2.12 0.00	35.37 2.47 0.00	34.48 2.63 0.00	35.34 2.42 -7.92	31.93 3.01 0.00	34.24 3.28 0.00	38.71 3.07 -7.12	59.57 2.53 -32.12	1381.99 2.93 -1345.18	163.71 2.81 -128.73	34.14 2.70 -0.24	34.38 2.60 0.00	32.85 2.48 -0.02	35.03 2.14 -0.30	31.18 1.73 -1.18
HEMPSTEAD____ 23647	35.24 2.43 -0.06	35.24 2.22 -1.22	48.17 2.03 -16.49	30.48 1.92 0.00	29.37 1.82 0.00	31.21 1.92 0.00	31.26 2.08 0.00	29.75 2.11 -0.26	28.56 2.09 0.00	32.05 2.28 -0.28	39.44 2.69 -3.86	53.32 2.78 -18.69	52.30 2.55 -24.75	84.66 3.14 -52.59	171.28 3.41 -136.91	53.99 3.13 -22.35	47.06 2.57 -19.56	44.22 3.04 -7.29	40.36 2.98 -5.21	34.09 2.78 -0.11	34.42 2.64 0.00	34.57 2.59 -1.63	34.86 2.26 0.00	36.74 1.88 -6.60
HEWLETT__69_KV_BK3 55828	35.68 2.87 -0.06	35.59 2.57 -1.22	48.47 2.34 -16.48	30.78 2.22 0.00	29.66 2.11 0.00	31.56 2.28 0.00	31.59 2.40 0.00	30.04 2.41 -0.26	28.85 2.39 0.00	32.30 2.53 -0.28	39.70 2.94 -3.86	53.59 3.05 -18.69	52.50 2.75 -24.75	84.93 3.40 -52.59	171.59 3.71 -136.91	54.26 3.40 -22.35	47.31 2.82 -19.56	44.54 3.36 -7.29	40.67 3.28 -5.21	34.33 3.02 -0.11	34.67 2.89 0.00	34.82 2.84 -1.63	35.14 2.55 0.00	37.07 2.21 -6.60
HICKLING___1 23621	33.11 0.35 0.00	31.93 0.12 0.00	29.84 0.18 0.00	28.67 0.11 0.00	27.73 0.18 0.00	29.46 0.17 0.00	29.59 0.40 0.00	27.64 0.26 0.00	26.86 0.40 0.00	30.04 0.55 0.00	33.39 0.49 0.00	32.24 0.39 0.00	25.53 0.53 0.00	29.83 0.91 0.00	31.97 1.01 0.00	29.62 1.11 0.00	25.89 0.96 0.00	35.20 1.31 0.00	33.41 1.24 0.00	32.26 1.07 0.00	33.00 1.22 0.00	31.57 1.22 0.00	33.71 1.12 0.00	29.17 0.90 0.00
HICKLING___2 23622	33.11 0.35 0.00	31.93 0.12 0.00	29.84 0.18 0.00	28.67 0.11 0.00	27.73 0.18 0.00	29.46 0.17 0.00	29.59 0.40 0.00	27.64 0.26 0.00	26.86 0.40 0.00	30.04 0.55 0.00	33.39 0.49 0.00	32.24 0.39 0.00	25.53 0.53 0.00	29.83 0.91 0.00	31.97 1.01 0.00	29.62 1.11 0.00	25.89 0.96 0.00	35.20 1.31 0.00	33.41 1.24 0.00	32.26 1.07 0.00	33.00 1.22 0.00	31.57 1.22 0.00	33.71 1.12 0.00	29.17 0.90 0.00
HIGH FALLS___HY 23754	34.69 1.94 0.00	33.32 1.51 0.00	30.98 1.32 0.00	29.81 1.25 0.00	28.72 1.17 0.00	30.61 1.32 0.00	30.76 1.58 0.00	29.02 1.64 0.00	28.12 1.65 0.00	31.36 1.87 0.00	35.02 2.13 0.00	34.18 2.33 0.00	27.13 2.14 0.00	31.55 2.62 0.00	33.70 2.73 0.00	31.21 2.70 0.00	27.32 2.39 0.00	36.77 2.89 0.00	34.91 2.74 0.00	33.74 2.54 0.00	34.40 2.62 0.00	32.83 2.48 0.00	34.78 2.19 0.00	30.00 1.74 0.00
HILLBURN___GT 23639	34.48 1.73 0.00	33.16 1.35 0.00	30.85 1.19 0.00	29.68 1.12 0.00	28.60 1.05 0.00	30.51 1.23 0.00	30.65 1.47 0.00	28.86 1.49 0.00	27.96 1.49 0.00	31.21 1.72 0.00	34.94 2.04 0.00	34.00 2.16 0.00	17.84 2.04 9.20	31.47 2.55 0.00	33.76 2.80 0.00	34.11 2.62 -2.98	29.52 2.18 -2.42	34.34 2.58 2.13	34.64 2.47 0.00	33.35 2.29 0.14	33.95 2.17 0.00	32.41 2.06 0.00	34.32 1.73 0.00	29.65 1.39 0.00
HILLSIDE_115KV_TB1 80332	32.52 -0.23 0.00	31.32 -0.48 0.00	29.27 -0.38 0.00	28.12 -0.44 0.00	27.20 -0.35 0.00	28.92 -0.37 0.00	29.07 -0.12 0.00	27.17 -0.21 0.00	26.40 -0.07 0.00	29.49 -0.01 0.00	32.80 -0.10 0.00	31.62 -0.23 0.00	25.04 0.04 0.00	29.28 0.35 0.00	31.36 0.40 0.00	29.04 0.53 0.00	25.32 0.39 0.00	34.39 0.50 0.00	32.61 0.44 0.00	31.50 0.30 0.00	32.23 0.45 0.00	30.83 0.48 0.00	32.94 0.35 0.00	28.51 0.25 0.00
HISHELDN_WT_PWR 323625	32.44 -0.31 0.00	31.27 -0.54 0.00	29.23 -0.43 0.00	28.11 -0.45 0.00	27.20 -0.35 0.00	29.08 -0.20 0.00	29.02 -0.17 0.00	26.86 -0.51 0.00	26.14 -0.33 0.00	29.22 -0.27 0.00	32.53 -0.37 0.00	31.41 -0.44 0.00	24.96 -0.04 0.00	29.10 0.17 0.00	31.17 0.21 0.00	29.05 0.54 0.00	25.46 0.53 0.00	34.68 0.79 0.00	32.99 0.82 0.00	31.80 0.60 0.00	32.67 0.89 0.00	31.41 1.06 0.00	33.63 1.04 0.00	29.25 0.99 0.00
HOLTSVILLE_IC_1 23690	35.82 3.01 -0.06	35.86 2.84 -1.22	48.86 2.72 -16.49	31.15 2.59 0.00	29.99 2.45 0.00	31.86 2.57 0.00	31.83 2.65 0.00	30.37 2.73 -0.26	29.09 2.62 0.00	32.61 2.84 -0.28	40.08 3.32 -3.86	53.93 3.38 -18.70	59.55 2.99 -31.56	85.16 3.62 -52.61	171.68 3.80 -136.91	54.32 3.44 -22.36	64.38 2.86 -36.59	65.98 3.43 -28.66	50.68 3.34 -15.16	56.46 3.13 -22.14	36.28 2.98 -1.52	35.17 3.02 -1.81	35.36 2.77 0.00	37.20 2.34 -6.60
HOLTSVILLE_IC_10 23699	36.06 3.25 -0.06	36.13 3.11 -1.22	49.11 2.97 -16.49	31.39 2.82 0.00	30.22 2.67 0.00	32.05 2.76 0.00	32.03 2.84 0.00	30.57 2.93 -0.26	29.30 2.83 0.00	32.87 3.09 -0.28	40.36 3.60 -3.86	54.22 3.68 -18.70	61.36 3.26 -33.10	85.42 3.88 -52.62	171.99 4.12 -136.91	54.64 3.75 -22.37	68.49 3.14 -40.43	71.13 3.77 -33.48	53.28 3.71 -17.41	61.78 3.48 -27.10	36.95 3.30 -1.87	35.52 3.32 -1.85	35.68 3.08 0.00	37.46 2.60 -6.60
HOLTSVILLE_IC_2 23691	35.82 3.01 -0.06	35.86 2.84 -1.22	48.86 2.72 -16.49	31.15 2.59 0.00	29.99 2.45 0.00	31.86 2.57 0.00	31.83 2.65 0.00	30.37 2.73 -0.26	29.09 2.62 0.00	32.61 2.84 -0.28	40.08 3.32 -3.86	53.93 3.38 -18.70	59.55 2.99 -31.56	85.16 3.62 -52.61	171.68 3.80 -136.91	54.32 3.44 -22.36	64.38 2.86 -36.59	65.98 3.43 -28.66	50.68 3.34 -15.16	56.46 3.13 -22.14	36.28 2.98 -1.52	35.17 3.02 -1.81	35.36 2.77 0.00	37.20 2.34 -6.60
HOLTSVILLE_IC_3 23692	35.82 3.01 -0.06	35.86 2.84 -1.22	48.86 2.72 -16.49	31.15 2.59 0.00	29.99 2.45 0.00	31.86 2.57 0.00	31.83 2.65 0.00	30.37 2.73 -0.26	29.09 2.62 0.00	32.61 2.84 -0.28	40.08 3.32 -3.86	53.93 3.38 -18.70	59.55 2.99 -31.56	85.16 3.62 -52.61	171.68 3.80 -136.91	54.32 3.44 -22.36	64.38 2.86 -36.59	65.98 3.43 -28.66	50.68 3.34 -15.16	56.46 3.13 -22.14	36.28 2.98 -1.52	35.17 3.02 -1.81	35.36 2.77 0.00	37.20 2.34 -6.60

HOLTSVILLE_IC_4 23693	35.82 3.01 -0.06	35.86 2.84 -1.22	48.86 2.72 -16.49	31.15 2.59 0.00	29.99 2.45 0.00	31.86 2.57 0.00	31.83 2.65 0.00	30.37 2.73 -0.26	29.09 2.62 0.00	32.61 2.84 -0.28	40.08 3.32 -3.86	53.93 3.38 -18.70	59.55 2.99 -31.56	85.16 3.62 -52.61	171.68 3.80 -136.91	54.32 3.44 -22.36	64.38 2.86 -36.59	65.98 3.43 -28.66	50.68 3.34 -15.16	56.46 3.13 -22.14	36.28 2.98 -1.52	35.17 3.02 -1.81	35.36 2.77 0.00	37.20 2.34 -6.60
HOLTSVILLE_IC_5 23694	35.82 3.01 -0.06	35.86 2.84 -1.22	48.86 2.72 -16.49	31.15 2.59 0.00	29.99 2.45 0.00	31.86 2.57 0.00	31.83 2.65 0.00	30.37 2.73 -0.26	29.09 2.62 0.00	32.61 2.84 -0.28	40.08 3.32 -3.86	53.93 3.38 -18.70	59.55 2.99 -31.56	85.16 3.62 -52.61	171.68 3.80 -136.91	54.32 3.44 -22.36	64.38 2.86 -36.59	65.98 3.43 -28.66	50.68 3.34 -15.16	56.46 3.13 -22.14	36.28 2.98 -1.52	35.17 3.02 -1.81	35.36 2.77 0.00	37.20 2.34 -6.60
HOLTSVILLE_IC_6 23695	36.06 3.25 -0.06	36.13 3.11 -1.22	49.11 2.97 -16.49	31.39 2.82 0.00	30.22 2.67 0.00	32.05 2.76 0.00	32.03 2.84 0.00	30.57 2.93 -0.26	29.30 2.83 0.00	32.87 3.09 -0.28	40.36 3.60 -3.86	54.22 3.68 -18.70	61.36 3.26 -33.10	85.42 3.88 -52.62	171.99 4.12 -136.91	54.64 3.75 -22.37	68.49 3.14 -40.43	71.13 3.77 -33.48	53.28 3.71 -17.41	61.78 3.48 -27.10	36.95 3.30 -1.87	35.52 3.32 -1.85	35.68 3.08 0.00	37.46 2.60 -6.60
HOLTSVILLE_IC_7 23696	36.06 3.25 -0.06	36.13 3.11 -1.22	49.11 2.97 -16.49	31.39 2.82 0.00	30.22 2.67 0.00	32.05 2.76 0.00	32.03 2.84 0.00	30.57 2.93 -0.26	29.30 2.83 0.00	32.87 3.09 -0.28	40.36 3.60 -3.86	54.22 3.68 -18.70	61.36 3.26 -33.10	85.42 3.88 -52.62	171.99 4.12 -136.91	54.64 3.75 -22.37	68.49 3.14 -40.43	71.13 3.77 -33.48	53.28 3.71 -17.41	61.78 3.48 -27.10	36.95 3.30 -1.87	35.52 3.32 -1.85	35.68 3.08 0.00	37.46 2.60 -6.60
HOLTSVILLE_IC_8 23697	36.06 3.25 -0.06	36.13 3.11 -1.22	49.11 2.97 -16.49	31.39 2.82 0.00	30.22 2.67 0.00	32.05 2.76 0.00	32.03 2.84 0.00	30.57 2.93 -0.26	29.30 2.83 0.00	32.87 3.09 -0.28	40.36 3.60 -3.86	54.22 3.68 -18.70	61.36 3.26 -33.10	85.42 3.88 -52.62	171.99 4.12 -136.91	54.64 3.75 -22.37	68.49 3.14 -40.43	71.13 3.77 -33.48	53.28 3.71 -17.41	61.78 3.48 -27.10	36.95 3.30 -1.87	35.52 3.32 -1.85	35.68 3.08 0.00	37.46 2.60 -6.60
HOLTSVILLE_IC_9 23698	36.06 3.25 -0.06	36.13 3.11 -1.22	49.11 2.97 -16.49	31.39 2.82 0.00	30.22 2.67 0.00	32.05 2.76 0.00	32.03 2.84 0.00	30.57 2.93 -0.26	29.30 2.83 0.00	32.87 3.09 -0.28	40.36 3.60 -3.86	54.22 3.68 -18.70	61.36 3.26 -33.10	85.42 3.88 -52.62	171.99 4.12 -136.91	54.64 3.75 -22.37	68.49 3.14 -40.43	71.13 3.77 -33.48	53.28 3.71 -17.41	61.78 3.48 -27.10	36.95 3.30 -1.87	35.52 3.32 -1.85	35.68 3.08 0.00	37.46 2.60 -6.60
HOMER_HL_115KV_TB2 355744	32.56 -0.19 0.00	31.41 -0.40 0.00	29.41 -0.25 0.00	28.23 -0.33 0.00	27.36 -0.19 0.00	29.19 -0.09 0.00	29.30 0.11 0.00	27.22 -0.15 0.00	26.51 0.04 0.00	29.71 0.22 0.00	32.95 0.05 0.00	31.58 -0.27 0.00	25.07 0.07 0.00	29.24 0.31 0.00	31.48 0.51 0.00	29.35 0.84 0.00	25.50 0.57 0.00	34.80 0.92 0.00	33.00 0.83 0.00	31.77 0.58 0.00	32.51 0.73 0.00	31.27 0.92 0.00	33.45 0.87 0.00	29.12 0.85 0.00
HOWARD_WT_PWR 323690	33.25 0.50 0.00	31.98 0.17 0.00	29.87 0.21 0.00	28.67 0.11 0.00	27.75 0.20 0.00	29.66 0.37 0.00	29.60 0.42 0.00	27.51 0.13 0.00	26.79 0.33 0.00	29.98 0.49 0.00	33.42 0.52 0.00	32.20 0.35 0.00	25.51 0.51 0.00	29.75 0.83 0.00	31.86 0.89 0.00	29.67 1.15 0.00	25.87 0.94 0.00	35.30 1.41 0.00	33.70 1.53 0.00	32.59 1.40 0.00	33.43 1.65 0.00	32.07 1.72 0.00	34.24 1.65 0.00	29.70 1.44 0.00
HQ_GEN_CEDARS 23644	33.20 0.45 0.00	32.29 0.48 0.00	30.10 0.44 0.00	29.03 0.47 0.00	27.95 0.40 0.00	29.66 0.37 0.00	29.40 0.21 0.00	27.56 0.18 0.00	26.62 0.15 0.00	29.69 0.19 0.00	32.75 -0.14 0.00	31.84 -0.01 0.00	24.11 -0.88 0.00	27.77 -1.16 0.00	29.73 -1.24 0.00	27.39 -1.13 0.00	23.99 -0.94 0.00	32.93 -0.96 0.00	31.19 -0.98 0.00	30.21 -0.98 0.00	30.75 -1.03 0.00	29.41 -0.94 0.00	32.84 0.25 0.00	28.47 0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	33.20 0.45 0.00	32.29 0.48 0.00	30.09 0.44 0.00	29.03 0.47 0.00	27.95 0.40 0.00	29.66 0.37 0.00	29.40 0.22 0.00	27.56 0.18 0.00	26.62 0.16 0.00	29.69 0.20 0.00	32.75 -0.14 0.00	31.84 -0.01 0.00	23.92 -0.88 0.19	27.77 -1.16 0.00	29.72 -1.24 0.00	27.39 -1.13 0.00	23.99 -0.94 0.00	32.93 -0.96 0.00	31.19 -0.98 0.00	30.21 -0.99 0.00	30.75 -1.03 0.00	29.41 -0.94 0.00	32.84 0.25 0.00	28.47 0.20 0.00
HQ_GEN_IMPORT 323601	32.67 -0.07 0.00	31.84 0.03 0.00	29.69 0.04 0.00	28.62 0.06 0.00	27.58 0.04 0.00	29.31 0.02 0.00	29.08 -0.10 0.00	27.30 -0.08 0.00	26.38 -0.08 0.00	29.40 -0.10 0.00	32.81 -0.15 -0.07	31.80 -0.24 -0.19	24.56 -0.44 0.00	28.32 -0.60 0.00	30.31 -0.65 0.00	27.93 -0.58 0.00	24.46 -0.46 0.00	33.48 -0.41 0.00	31.66 -0.51 0.00	30.69 -0.50 0.00	31.25 -0.53 0.00	22.53 -0.51 7.31	32.43 -0.16 0.00	28.11 -0.16 0.00
HQ_GEN_WHEEL 23651	32.67 -0.07 0.00	31.84 0.03 0.00	29.69 0.04 0.00	28.62 0.06 0.00	27.58 0.04 0.00	29.31 0.02 0.00	29.08 -0.10 0.00	27.30 -0.08 0.00	26.38 -0.08 0.00	29.40 -0.10 0.00	32.81 -0.15 -0.07	31.80 -0.24 -0.19	24.56 -0.44 0.00	28.32 -0.60 0.00	30.31 -0.65 0.00	27.93 -0.58 0.00	24.46 -0.46 0.00	33.48 -0.41 0.00	31.66 -0.51 0.00	30.69 -0.50 0.00	31.25 -0.53 0.00	22.53 -0.51 7.31	32.43 -0.16 0.00	28.11 -0.16 0.00
HUDSON_AVE_GT_3 23810	34.80 2.05 0.00	33.61 1.81 0.00	31.28 1.63 0.00	30.12 1.56 0.00	29.01 1.46 0.00	30.83 1.54 0.00	30.97 1.78 0.00	29.25 1.87 0.00	28.36 1.90 0.00	31.64 2.15 0.00	35.40 2.50 0.00	34.47 2.62 0.00	35.38 2.46 -7.93	31.98 3.06 0.00	34.30 3.33 0.00	38.77 3.13 -7.12	59.67 2.62 -32.12	1382.18 3.11 -1345.18	163.87 2.97 -128.73	34.24 2.81 -0.24	34.46 2.68 0.00	32.91 2.54 -0.02	35.12 2.23 -0.30	31.27 1.82 -1.18
HUDSON_AVE_GT_4 23540	34.80 2.05 0.00	33.61 1.81 0.00	31.28 1.63 0.00	30.12 1.56 0.00	29.01 1.46 0.00	30.83 1.54 0.00	30.97 1.78 0.00	29.25 1.87 0.00	28.36 1.90 0.00	31.64 2.15 0.00	35.40 2.50 0.00	34.47 2.62 0.00	35.38 2.46 -7.93	31.98 3.06 0.00	34.30 3.33 0.00	38.77 3.13 -7.12	59.67 2.62 -32.12	1382.18 3.11 -1345.18	163.87 2.97 -128.73	34.24 2.81 -0.24	34.46 2.68 0.00	32.91 2.54 -0.02	35.12 2.23 -0.30	31.27 1.82 -1.18
HUDSON_AVE_GT_5 23657	34.80 2.05 0.00	33.61 1.81 0.00	31.28 1.63 0.00	30.12 1.56 0.00	29.01 1.46 0.00	30.83 1.54 0.00	30.97 1.78 0.00	29.25 1.87 0.00	28.36 1.90 0.00	31.64 2.15 0.00	35.40 2.50 0.00	34.47 2.62 0.00	35.38 2.46 -7.93	31.98 3.06 0.00	34.30 3.33 0.00	38.77 3.13 -7.12	59.67 2.62 -32.12	1382.18 3.11 -1345.18	163.87 2.97 -128.73	34.24 2.81 -0.24	34.46 2.68 0.00	32.91 2.54 -0.02	35.12 2.23 -0.30	31.27 1.82 -1.18

HUDSON_AVE_10 24168	34.68 1.94 0.00	33.52 1.72 0.00	31.19 1.54 0.00	30.03 1.47 0.00	28.93 1.38 0.00	30.73 1.44 0.00	30.87 1.69 0.00	29.16 1.79 0.00	28.28 1.81 0.00	31.52 2.03 0.00	35.24 2.35 0.00	34.33 2.48 0.00	35.28 2.36 -7.93	31.84 2.91 0.00	34.11 3.15 0.00	38.59 2.95 -7.12	59.50 2.45 -32.12	1381.97 2.90 -1345.18	163.67 2.77 -128.73	34.04 2.61 -0.24	34.27 2.49 0.00	32.73 2.36 -0.02	34.97 2.08 -0.30	31.13 1.69 -1.18
HUDSON___115KV_TB 4 355613	34.19 1.44 0.00	33.20 1.40 0.00	30.94 1.28 0.00	29.79 1.23 0.00	28.75 1.20 0.00	30.52 1.23 0.00	30.50 1.31 0.00	28.56 1.18 0.00	27.51 1.04 0.00	30.69 1.19 0.00	34.20 1.31 0.00	33.18 1.33 0.00	27.85 1.25 -1.60	30.34 1.41 0.00	32.51 1.54 0.00	29.76 1.24 0.00	26.00 1.07 0.00	35.64 1.17 -0.59	33.60 1.42 0.00	32.61 1.40 -0.03	33.17 1.39 0.00	31.66 1.31 0.00	33.52 0.93 0.00	29.14 0.87 0.00
HUNTER MOUNT___DRP 323613	34.37 1.62 0.00	33.42 1.62 0.00	31.14 1.49 0.00	29.99 1.43 0.00	28.95 1.40 0.00	30.71 1.43 0.00	30.68 1.49 0.00	28.72 1.34 0.00	27.64 1.17 0.00	30.86 1.36 0.00	34.41 1.51 0.00	33.39 1.54 0.00	27.74 1.38 -1.37	30.48 1.55 0.00	32.69 1.73 0.00	29.87 1.35 0.00	26.11 1.18 0.00	35.66 1.29 -0.48	33.79 1.62 0.00	32.75 1.56 0.00	33.37 1.58 0.00	31.83 1.48 0.00	33.69 1.10 0.00	29.29 1.02 0.00
HUNTINGTON_RES_REC 323705	35.70 2.89 -0.06	35.79 2.76 -1.22	48.75 2.61 -16.49	31.03 2.46 0.00	29.88 2.33 0.00	31.73 2.44 0.00	31.71 2.53 0.00	30.25 2.61 -0.26	29.00 2.53 0.00	32.57 2.80 -0.28	40.03 3.27 -3.86	53.96 3.41 -18.70	80.36 3.03 -52.33	85.24 3.65 -52.67	171.77 3.89 -136.92	54.46 3.53 -22.41	116.43 2.98 -88.52	131.26 3.57 -93.80	81.18 3.50 -45.51	123.71 3.24 -89.27	40.96 3.01 -6.16	35.73 3.02 -2.35	35.32 2.72 -0.01	37.13 2.27 -6.60
HUNTLEY___63 23557	32.27 -0.48 0.00	31.14 -0.67 0.00	29.19 -0.47 0.00	28.07 -0.50 0.00	27.17 -0.38 0.00	29.06 -0.23 0.00	28.96 -0.23 0.00	26.73 -0.65 0.00	26.01 -0.45 0.00	29.02 -0.48 0.00	32.25 -0.65 0.00	31.13 -0.72 0.00	24.79 -0.21 0.00	28.85 -0.08 0.00	30.90 -0.07 0.00	28.88 0.36 0.00	25.33 0.41 0.00	34.55 0.67 0.00	32.88 0.71 0.00	31.68 0.48 0.00	32.61 0.83 0.00	31.44 1.08 0.00	33.71 1.12 0.00	29.40 1.13 0.00
HUNTLEY___64 23558	32.27 -0.48 0.00	31.14 -0.67 0.00	29.19 -0.47 0.00	28.07 -0.50 0.00	27.17 -0.38 0.00	29.06 -0.23 0.00	28.96 -0.23 0.00	26.73 -0.65 0.00	26.01 -0.45 0.00	29.02 -0.48 0.00	32.25 -0.65 0.00	31.13 -0.72 0.00	24.79 -0.21 0.00	28.85 -0.08 0.00	30.90 -0.07 0.00	28.88 0.36 0.00	25.33 0.41 0.00	34.55 0.67 0.00	32.88 0.71 0.00	31.68 0.48 0.00	32.61 0.83 0.00	31.44 1.08 0.00	33.71 1.12 0.00	29.40 1.13 0.00
HUNTLEY___65 23559	32.27 -0.48 0.00	31.14 -0.67 0.00	29.19 -0.47 0.00	28.07 -0.50 0.00	27.17 -0.38 0.00	29.06 -0.23 0.00	28.96 -0.23 0.00	26.73 -0.65 0.00	26.01 -0.45 0.00	29.02 -0.48 0.00	32.25 -0.65 0.00	31.13 -0.72 0.00	24.79 -0.21 0.00	28.85 -0.08 0.00	30.90 -0.07 0.00	28.88 0.36 0.00	25.33 0.41 0.00	34.55 0.67 0.00	32.88 0.71 0.00	31.68 0.48 0.00	32.61 0.83 0.00	31.44 1.08 0.00	33.71 1.12 0.00	29.40 1.13 0.00
HUNTLEY___66 23560	32.27 -0.48 0.00	31.14 -0.67 0.00	29.19 -0.47 0.00	28.07 -0.50 0.00	27.17 -0.38 0.00	29.06 -0.23 0.00	28.96 -0.23 0.00	26.73 -0.65 0.00	26.01 -0.45 0.00	29.02 -0.48 0.00	32.25 -0.65 0.00	31.13 -0.72 0.00	24.79 -0.21 0.00	28.85 -0.08 0.00	30.90 -0.07 0.00	28.88 0.36 0.00	25.33 0.41 0.00	34.55 0.67 0.00	32.88 0.71 0.00	31.68 0.48 0.00	32.61 0.83 0.00	31.44 1.08 0.00	33.71 1.12 0.00	29.40 1.13 0.00
HUNTLEY___67 23561	32.05 -0.70 0.00	30.93 -0.87 0.00	28.98 -0.67 0.00	27.88 -0.68 0.00	26.99 -0.56 0.00	28.83 -0.46 0.00	28.73 -0.45 0.00	26.55 -0.82 0.00	25.83 -0.63 0.00	28.84 -0.66 0.00	32.07 -0.83 0.00	30.97 -0.88 0.00	24.65 -0.35 0.00	28.69 -0.24 0.00	30.73 -0.24 0.00	28.70 0.19 0.00	25.15 0.22 0.00	34.31 0.42 0.00	32.66 0.49 0.00	31.45 0.26 0.00	32.36 0.58 0.00	31.16 0.81 0.00	33.41 0.82 0.00	29.12 0.85 0.00
HUNTLEY___68 23562	32.05 -0.70 0.00	30.93 -0.87 0.00	28.98 -0.67 0.00	27.88 -0.68 0.00	26.99 -0.56 0.00	28.83 -0.46 0.00	28.73 -0.45 0.00	26.55 -0.82 0.00	25.83 -0.63 0.00	28.84 -0.66 0.00	32.07 -0.83 0.00	30.97 -0.88 0.00	24.65 -0.35 0.00	28.69 -0.24 0.00	30.73 -0.24 0.00	28.70 0.19 0.00	25.15 0.22 0.00	34.31 0.42 0.00	32.66 0.49 0.00	31.45 0.26 0.00	32.36 0.58 0.00	31.16 0.81 0.00	33.41 0.82 0.00	29.12 0.85 0.00
HYLAND___LFGE 323620	34.01 1.26 0.00	32.86 1.05 0.00	30.70 1.05 0.00	29.50 0.94 0.00	28.54 0.99 0.00	30.36 1.08 0.00	30.40 1.22 0.00	28.29 0.91 0.00	27.37 0.90 0.00	30.26 0.77 0.00	33.56 0.66 0.00	32.15 0.30 0.00	25.58 0.58 0.00	29.71 0.78 0.00	31.69 0.73 0.00	29.59 1.08 0.00	25.97 1.04 0.00	35.66 1.77 0.00	33.93 1.76 0.00	33.17 1.98 0.00	34.30 2.52 0.00	33.06 2.70 0.00	35.31 2.72 0.00	30.61 2.34 0.00
INDECK___CORINTH 23802	34.48 1.73 0.00	33.52 1.72 0.00	31.25 1.59 0.00	30.11 1.55 0.00	29.06 1.51 0.00	30.75 1.46 0.00	30.76 1.58 0.00	28.83 1.45 0.00	27.78 1.31 0.00	31.07 1.58 0.00	34.46 1.56 0.00	33.56 1.71 0.00	28.04 1.31 -1.74	30.38 1.45 0.00	32.47 1.50 0.00	29.88 1.36 0.00	26.12 1.20 0.00	35.78 1.22 -0.67	33.83 1.66 0.00	32.92 1.70 -0.03	33.80 2.02 0.00	32.25 1.90 0.00	34.14 1.55 0.00	29.68 1.41 0.00
INDECK___ILION 23567	32.84 0.09 0.00	31.82 0.01 0.00	29.64 -0.02 0.00	28.53 -0.04 0.00	27.52 -0.03 0.00	29.31 0.02 0.00	29.26 0.08 0.00	27.46 0.09 0.00	26.55 0.09 0.00	29.62 0.13 0.00	33.07 0.17 0.00	32.05 0.20 0.00	25.29 0.29 0.00	29.30 0.37 0.00	31.37 0.41 0.00	28.83 0.31 0.00	25.19 0.26 0.00	34.05 0.17 0.00	32.38 0.21 0.00	31.51 0.31 0.00	32.13 0.35 0.00	30.71 0.36 0.00	32.67 0.07 0.00	28.31 0.04 0.00
INDECK___OLEAN 23982	32.55 -0.20 0.00	31.41 -0.39 0.00	29.40 -0.25 0.00	28.23 -0.33 0.00	27.36 -0.19 0.00	29.19 -0.09 0.00	29.30 0.12 0.00	27.22 -0.15 0.00	26.51 0.04 0.00	29.71 0.22 0.00	32.95 0.06 0.00	31.60 -0.25 0.00	25.07 0.07 0.00	29.25 0.32 0.00	31.51 0.54 0.00	29.35 0.84 0.00	25.52 0.59 0.00	34.80 0.92 0.00	33.00 0.83 0.00	31.77 0.58 0.00	32.51 0.73 0.00	31.27 0.92 0.00	33.46 0.86 0.00	29.11 0.85 0.00
INDECK___OSWEGO 23783	31.90 -0.85 0.00	30.89 -0.92 0.00	28.79 -0.86 0.00	27.72 -0.84 0.00	26.75 -0.80 0.00	28.48 -0.81 0.00	28.45 -0.74 0.00	26.63 -0.75 0.00	25.65 -0.81 0.00	28.52 -0.98 0.00	31.79 -1.11 0.00	30.79 -1.05 0.00	24.30 -0.70 0.00	28.16 -0.76 0.00	30.10 -0.87 0.00	27.73 -0.79 0.00	24.24 -0.69 0.00	32.98 -0.90 0.00	31.59 -0.58 0.00	30.67 -0.52 0.00	31.29 -0.49 0.00	29.91 -0.44 0.00	31.97 -0.62 0.00	27.71 -0.56 0.00



INDECK___YERKES 23781	32.30 -0.45 0.00	31.15 -0.65 0.00	29.21 -0.45 0.00	28.09 -0.48 0.00	27.19 -0.36 0.00	29.08 -0.20 0.00	28.99 -0.20 0.00	26.75 -0.62 0.00	26.03 -0.43 0.00	29.04 -0.45 0.00	32.28 -0.61 0.00	31.18 -0.66 0.00	24.82 -0.18 0.00	28.87 -0.05 0.00	30.97 0.00 0.00	28.92 0.40 0.00	25.38 0.45 0.00	34.58 0.70 0.00	32.91 0.74 0.00	31.70 0.50 0.00	32.62 0.84 0.00	31.46 1.11 0.00	33.74 1.15 0.00	29.42 1.16 0.00
INDIAN POINT_GT_1 24139	34.47 1.73 0.00	33.30 1.49 0.00	31.00 1.34 0.00	29.83 1.28 0.00	28.75 1.20 0.00	30.56 1.27 0.00	30.67 1.48 0.00	28.89 1.52 0.00	27.97 1.51 0.00	31.20 1.71 0.00	34.92 2.02 0.00	33.99 2.15 0.00	36.21 2.02 -9.19	31.45 2.52 0.00	33.72 2.76 0.00	35.89 2.56 -4.82	30.96 2.11 -3.92	39.34 2.48 -2.98	34.56 2.39 0.00	34.38 2.24 -0.94	33.92 2.14 0.00	32.39 2.03 0.00	34.29 1.70 0.00	29.67 1.40 0.00
INDIAN POINT_GT_2 23659	34.47 1.73 0.00	33.30 1.49 0.00	31.00 1.34 0.00	29.83 1.28 0.00	28.75 1.20 0.00	30.56 1.27 0.00	30.67 1.48 0.00	28.89 1.52 0.00	27.97 1.51 0.00	31.20 1.71 0.00	34.92 2.02 0.00	33.99 2.15 0.00	36.21 2.02 -9.19	31.45 2.52 0.00	33.72 2.76 0.00	35.89 2.56 -4.82	30.96 2.11 -3.92	39.34 2.48 -2.98	34.56 2.39 0.00	34.38 2.24 -0.94	33.92 2.14 0.00	32.39 2.03 0.00	34.29 1.70 0.00	29.67 1.40 0.00
INDIAN POINT_GT_3 24019	34.47 1.73 0.00	33.30 1.49 0.00	31.00 1.34 0.00	29.83 1.28 0.00	28.75 1.20 0.00	30.56 1.27 0.00	30.67 1.48 0.00	28.89 1.52 0.00	27.97 1.51 0.00	31.20 1.71 0.00	34.92 2.02 0.00	33.99 2.15 0.00	36.21 2.02 -9.19	31.45 2.52 0.00	33.72 2.76 0.00	35.89 2.56 -4.82	30.96 2.11 -3.92	39.34 2.48 -2.98	34.56 2.39 0.00	34.38 2.24 -0.94	33.92 2.14 0.00	32.39 2.03 0.00	34.29 1.70 0.00	29.67 1.40 0.00
INDIAN POINT___2 23530	34.43 1.68 0.00	33.25 1.45 0.00	30.95 1.30 0.00	29.79 1.23 0.00	28.71 1.16 0.00	30.52 1.23 0.00	30.63 1.44 0.00	28.85 1.47 0.00	27.94 1.47 0.00	31.16 1.66 0.00	34.87 1.97 0.00	33.94 2.09 0.00	39.21 1.97 -12.23	31.39 2.47 0.00	33.65 2.69 0.00	35.74 2.51 -4.71	30.83 2.07 -3.84	39.78 2.43 -3.47	34.51 2.34 0.00	33.11 2.19 0.27	33.86 2.08 0.00	32.33 1.98 0.00	34.23 1.64 0.00	29.62 1.35 0.00
INDIAN POINT___3 23531	34.44 1.69 0.00	33.27 1.46 0.00	30.97 1.31 0.00	29.81 1.25 0.00	28.74 1.19 0.00	30.54 1.25 0.00	30.64 1.46 0.00	28.86 1.49 0.00	27.94 1.47 0.00	31.16 1.66 0.00	34.87 1.97 0.00	33.94 2.09 0.00	36.39 1.97 -9.42	31.39 2.46 0.00	33.65 2.69 0.00	35.52 2.49 -4.52	30.65 2.05 -3.67	39.27 2.39 -2.99	34.48 2.31 0.00	33.31 2.18 0.06	33.85 2.07 0.00	32.33 1.97 0.00	34.23 1.64 0.00	29.62 1.35 0.00
INGHAM_C_115KV_TB7 356103	32.82 0.07 0.00	31.71 -0.10 0.00	29.49 -0.17 0.00	28.36 -0.20 0.00	27.37 -0.18 0.00	29.22 -0.07 0.00	29.20 0.01 0.00	27.43 0.05 0.00	26.50 0.03 0.00	29.60 0.10 0.00	33.06 0.17 0.00	32.07 0.22 0.00	25.41 0.41 0.00	29.46 0.54 0.00	31.55 0.58 0.00	28.90 0.39 0.00	25.25 0.32 0.00	33.92 0.03 0.00	32.26 0.08 0.00	31.56 0.36 0.00	32.23 0.45 0.00	30.85 0.50 0.00	32.54 -0.05 0.00	28.15 -0.12 0.00
IP CORINTH___1 23988	34.67 1.92 0.00	33.70 1.89 0.00	31.41 1.75 0.00	30.25 1.69 0.00	29.20 1.65 0.00	30.91 1.62 0.00	30.93 1.75 0.00	28.99 1.61 0.00	27.92 1.45 0.00	31.24 1.75 0.00	34.64 1.75 0.00	33.74 1.89 0.00	28.18 1.45 -1.74	30.55 1.62 0.00	32.66 1.69 0.00	30.05 1.53 0.00	26.27 1.35 0.00	35.98 1.42 -0.67	34.01 1.84 0.00	33.10 1.88 -0.03	33.99 2.21 0.00	32.43 2.08 0.00	34.33 1.74 0.00	29.84 1.57 0.00
IP___TICONDEROGA 23804	36.50 3.75 0.00	35.42 3.62 0.00	33.06 3.41 0.00	31.74 3.18 0.00	30.65 3.10 0.00	32.43 3.14 0.00	32.72 3.53 0.00	30.52 3.14 0.00	29.19 2.73 0.00	32.81 3.32 0.00	36.17 3.28 0.00	35.45 3.60 0.00	29.62 2.89 -1.74	32.14 3.21 0.00	34.22 3.26 0.00	31.62 3.10 0.00	27.77 2.84 0.00	37.96 3.40 -0.67	36.15 3.97 0.00	35.15 3.93 -0.03	36.20 4.42 0.00	34.59 4.24 0.00	36.53 3.94 0.00	31.73 3.47 0.00
ISLIP_RES_REC 323679	36.24 3.43 -0.06	36.31 3.28 -1.22	49.27 3.13 -16.49	31.54 2.98 0.00	30.38 2.83 0.00	32.21 2.92 0.00	32.18 3.00 0.00	30.73 3.09 -0.26	29.47 3.00 0.00	33.08 3.30 -0.28	40.62 3.86 -3.86	54.50 3.96 -18.70	60.80 3.49 -32.31	85.72 4.18 -52.61	172.30 4.43 -136.91	54.92 4.04 -22.36	66.79 3.40 -38.46	69.02 4.12 -31.01	52.47 4.04 -16.26	59.55 3.80 -24.55	37.07 3.60 -1.69	35.77 3.59 -1.83	35.94 3.35 0.00	37.67 2.81 -6.60
JAMAICA__27_KV_LOAD 355505	34.85 2.10 0.00	33.72 1.91 0.00	31.37 1.71 0.00	30.20 1.64 0.00	29.09 1.54 0.00	30.88 1.60 0.00	31.03 1.85 0.00	29.31 1.93 0.00	28.40 1.93 0.00	31.64 2.14 0.00	35.31 2.41 0.00	34.44 2.59 0.00	35.39 2.47 -7.93	31.97 3.05 0.00	34.25 3.29 0.00	38.69 3.05 -7.12	59.56 2.51 -32.12	1382.09 3.02 -1345.18	163.81 2.91 -128.73	34.16 2.73 -0.24	34.41 2.63 0.00	32.90 2.53 -0.02	35.19 2.30 -0.30	31.32 1.88 -1.18
JANIS___SOLAR 323808	34.15 1.40 0.00	32.89 1.08 0.00	30.65 1.00 0.00	29.49 0.93 0.00	28.48 0.93 0.00	30.41 1.12 0.00	30.49 1.31 0.00	28.63 1.25 0.00	27.79 1.33 0.00	30.94 1.44 0.00	34.25 1.36 0.00	32.96 1.11 0.00	26.05 1.05 0.00	30.21 1.29 0.00	32.61 1.65 0.00	30.32 1.81 0.00	26.27 1.35 0.00	35.89 2.01 0.00	34.20 2.03 0.00	33.14 1.95 0.00	33.92 2.14 0.00	32.45 2.10 0.00	34.59 2.00 0.00	29.84 1.58 0.00
JARVIS____ 23743	32.76 0.01 0.00	31.80 0.00 0.00	29.65 0.00 0.00	28.55 -0.01 0.00	27.55 0.00 0.00	29.28 -0.01 0.00	29.21 0.03 0.00	27.40 0.03 0.00	26.49 0.03 0.00	29.52 0.03 0.00	32.94 0.05 0.00	31.92 0.06 0.00	25.12 0.12 0.00	29.09 0.16 0.00	31.15 0.18 0.00	28.67 0.15 0.00	25.05 0.12 0.00	33.99 0.11 0.00	32.30 0.13 0.00	31.32 0.13 0.00	31.92 0.14 0.00	30.49 0.14 0.00	32.62 0.03 0.00	28.29 0.03 0.00
JENNISON___1 23625	34.34 1.59 0.00	33.08 1.27 0.00	30.84 1.18 0.00	29.66 1.09 0.00	28.62 1.07 0.00	30.55 1.26 0.00	30.66 1.48 0.00	28.80 1.42 0.00	27.97 1.50 0.00	31.21 1.71 0.00	34.68 1.78 0.00	33.46 1.61 0.00	26.44 1.44 0.00	30.77 1.85 0.00	33.09 2.13 0.00	30.72 2.20 0.00	26.74 1.81 0.00	36.28 2.40 0.00	34.44 2.27 0.00	33.37 2.17 0.00	34.09 2.31 0.00	32.55 2.20 0.00	34.68 2.09 0.00	29.92 1.65 0.00
JENNISON___2 23626	34.34 1.59 0.00	33.08 1.27 0.00	30.84 1.18 0.00	29.66 1.09 0.00	28.62 1.07 0.00	30.55 1.26 0.00	30.66 1.48 0.00	28.80 1.42 0.00	27.97 1.50 0.00	31.21 1.71 0.00	34.68 1.78 0.00	33.46 1.61 0.00	26.44 1.44 0.00	30.77 1.85 0.00	33.09 2.13 0.00	30.72 2.20 0.00	26.74 1.81 0.00	36.28 2.40 0.00	34.44 2.27 0.00	33.37 2.17 0.00	34.09 2.31 0.00	32.55 2.20 0.00	34.68 2.09 0.00	29.92 1.65 0.00

JERICO_RISE_WT_PWR 323719	33.12 0.37 0.00	32.28 0.48 0.00	30.10 0.44 0.00	29.03 0.48 0.00	27.99 0.43 0.00	29.65 0.37 0.00	29.46 0.27 0.00	27.64 0.26 0.00	26.67 0.21 0.00	29.75 0.26 0.00	33.37 0.47 0.00	32.06 0.21 0.00	24.80 -0.20 0.00	28.52 -0.40 0.00	30.51 -0.46 0.00	28.11 -0.41 0.00	24.63 -0.29 0.00	33.76 -0.13 0.00	32.08 -0.10 0.00	31.09 -0.10 0.00	31.67 -0.11 0.00	30.21 -0.14 0.00	32.84 0.25 0.00	28.50 0.24 0.00
KATONAH__115KV_46KV_TB4 355592	34.72 1.97 0.00	33.55 1.75 0.00	31.22 1.57 0.00	30.05 1.49 0.00	28.96 1.42 0.00	30.78 1.49 0.00	30.90 1.71 0.00	29.11 1.74 0.00	28.21 1.74 0.00	31.47 1.97 0.00	35.22 2.32 0.00	34.33 2.48 0.00	32.34 2.32 -5.02	31.80 2.88 0.00	34.09 3.13 0.00	31.43 2.92 0.00	27.35 2.42 0.00	38.65 2.85 -1.91	34.89 2.72 0.00	33.83 2.55 -0.08	34.23 2.45 0.00	32.63 2.28 0.00	34.55 1.96 0.00	29.91 1.64 0.00
KCE_NY_1 323755	34.70 1.95 0.00	33.73 1.93 0.00	31.43 1.78 0.00	30.24 1.68 0.00	29.19 1.65 0.00	31.02 1.73 0.00	30.97 1.79 0.00	29.04 1.67 0.00	27.99 1.52 0.00	31.23 1.73 0.00	34.80 1.90 0.00	33.86 2.01 0.00	28.44 1.69 -1.75	30.84 1.92 0.00	33.04 2.07 0.00	30.35 1.84 0.00	26.52 1.60 0.00	36.42 1.86 -0.67	34.22 2.05 0.00	33.28 2.06 -0.03	33.96 2.18 0.00	32.34 1.99 0.00	34.31 1.72 0.00	29.85 1.58 0.00
KCE_NY_6_ESR 323823	32.49 -0.26 0.00	31.33 -0.48 0.00	29.33 -0.32 0.00	28.21 -0.35 0.00	27.30 -0.24 0.00	29.16 -0.12 0.00	29.10 -0.08 0.00	26.93 -0.45 0.00	26.21 -0.25 0.00	29.29 -0.20 0.00	32.59 -0.30 0.00	31.50 -0.35 0.00	25.05 0.05 0.00	29.19 0.26 0.00	31.30 0.33 0.00	29.21 0.70 0.00	25.60 0.68 0.00	34.91 1.02 0.00	33.20 1.03 0.00	31.96 0.77 0.00	32.85 1.07 0.00	31.61 1.25 0.00	33.86 1.27 0.00	29.46 1.20 0.00
KEDC_PORT_JEFF_GT2 24210	35.99 3.18 -0.06	36.03 3.01 -1.22	49.01 2.87 -16.49	31.29 2.73 0.00	30.13 2.59 0.00	31.99 2.70 0.00	31.97 2.79 0.00	30.51 2.87 -0.26	29.23 2.76 0.00	32.77 3.00 -0.28	40.23 3.47 -3.86	54.09 3.55 -18.70	62.69 3.15 -34.54	85.29 3.75 -52.62	171.70 3.82 -136.91	54.38 3.50 -22.37	71.85 2.87 -44.05	75.36 3.46 -38.01	55.07 3.38 -19.52	66.14 3.17 -31.78	36.96 2.99 -2.19	35.38 3.14 -1.88	35.51 2.92 0.00	37.32 2.46 -6.60
KEDC_PORT_JEFF_GT3 24211	35.99 3.18 -0.06	36.03 3.01 -1.22	49.01 2.87 -16.49	31.29 2.73 0.00	30.13 2.59 0.00	31.99 2.70 0.00	31.97 2.79 0.00	30.51 2.87 -0.26	29.23 2.76 0.00	32.77 3.00 -0.28	40.23 3.47 -3.86	54.09 3.55 -18.70	62.69 3.15 -34.54	85.29 3.75 -52.62	171.70 3.82 -136.91	54.38 3.50 -22.37	71.85 2.87 -44.05	75.36 3.46 -38.01	55.07 3.38 -19.52	66.14 3.17 -31.78	36.96 2.99 -2.19	35.38 3.14 -1.88	35.51 2.92 0.00	37.32 2.46 -6.60
KEDC_GLWD_GT4 24219	35.20 2.39 -0.06	35.18 2.16 -1.22	48.10 1.96 -16.49	30.42 1.86 0.00	29.31 1.77 0.00	31.16 1.87 0.00	31.24 2.06 0.00	29.74 2.10 -0.26	28.54 2.07 0.00	31.90 2.13 -0.28	39.32 2.57 -3.86	53.23 2.69 -18.69	52.22 2.48 -24.75	84.59 3.06 -52.59	171.22 3.34 -136.91	53.96 3.09 -22.35	47.04 2.55 -19.56	44.21 3.03 -7.29	40.32 2.94 -5.21	34.04 2.74 -0.11	34.38 2.60 0.00	34.47 2.49 -1.63	34.71 2.12 0.00	36.63 1.77 -6.60
KEDC_GLWD_GT5 24220	35.20 2.39 -0.06	35.18 2.16 -1.22	48.10 1.96 -16.49	30.42 1.86 0.00	29.31 1.77 0.00	31.16 1.87 0.00	31.24 2.06 0.00	29.74 2.10 -0.26	28.54 2.07 0.00	31.90 2.13 -0.28	39.32 2.57 -3.86	53.23 2.69 -18.69	52.22 2.48 -24.75	84.59 3.06 -52.59	171.22 3.34 -136.91	53.96 3.09 -22.35	47.04 2.55 -19.56	44.21 3.03 -7.29	40.32 2.94 -5.21	34.04 2.74 -0.11	34.38 2.60 0.00	34.47 2.49 -1.63	34.71 2.12 0.00	36.63 1.77 -6.60
KENSICO____ 23655	34.59 1.83 0.00	33.42 1.62 0.00	31.10 1.45 0.00	29.95 1.39 0.00	28.86 1.31 0.00	30.67 1.38 0.00	30.78 1.60 0.00	29.01 1.63 0.00	28.09 1.63 0.00	31.32 1.83 0.00	35.05 2.16 0.00	34.13 2.29 0.00	35.54 2.14 -8.40	31.58 2.66 0.00	33.86 2.90 0.00	37.29 2.68 -6.09	32.09 2.21 -4.95	39.48 2.60 -2.99	34.68 2.51 0.00	33.68 2.36 -0.12	34.04 2.25 0.00	32.49 2.14 0.00	34.39 1.80 0.00	29.78 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.72 1.98 0.00	33.38 1.58 0.00	31.04 1.38 0.00	29.86 1.31 0.00	28.78 1.23 0.00	30.66 1.37 0.00	30.80 1.61 0.00	29.04 1.66 0.00	28.12 1.65 0.00	31.36 1.87 0.00	35.02 2.13 0.00	34.21 2.36 0.00	27.15 2.15 0.00	31.54 2.61 0.00	33.63 2.67 0.00	31.12 2.60 0.00	27.25 2.33 0.00	36.35 2.76 0.30	34.84 2.67 0.00	33.68 2.49 0.00	34.41 2.63 0.00	32.84 2.49 0.00	34.76 2.17 0.00	30.01 1.74 0.00
KIAC_JFK_GT1 23816	34.73 1.98 0.00	33.62 1.82 0.00	31.28 1.63 0.00	30.13 1.57 0.00	29.01 1.47 0.00	30.78 1.50 0.00	30.92 1.74 0.00	29.20 1.83 0.00	28.30 1.84 0.00	31.53 2.03 0.00	35.18 2.29 0.00	34.31 2.47 0.00	35.29 2.36 -7.93	31.84 2.92 0.00	34.13 3.16 0.00	38.57 2.93 -7.12	59.44 2.39 -32.12	1381.93 2.87 -1345.18	163.66 2.76 -128.73	34.02 2.58 -0.24	34.26 2.48 0.00	32.75 2.38 -0.02	35.04 2.15 -0.30	31.18 1.74 -1.18
KIAC_JFK_GT2 23817	34.73 1.98 0.00	33.62 1.82 0.00	31.28 1.63 0.00	30.13 1.57 0.00	29.01 1.47 0.00	30.78 1.50 0.00	30.92 1.74 0.00	29.20 1.83 0.00	28.30 1.84 0.00	31.53 2.03 0.00	35.18 2.29 0.00	34.31 2.47 0.00	35.29 2.36 -7.93	31.84 2.92 0.00	34.13 3.16 0.00	38.57 2.93 -7.12	59.44 2.39 -32.12	1381.93 2.87 -1345.18	163.66 2.76 -128.73	34.02 2.58 -0.24	34.26 2.48 0.00	32.75 2.38 -0.02	35.04 2.15 -0.30	31.18 1.74 -1.18
KIAC_JFK____ 323774	34.73 1.99 0.00	33.62 1.82 0.00	31.29 1.63 0.00	30.12 1.56 0.00	29.01 1.47 0.00	30.78 1.50 0.00	30.92 1.74 0.00	29.20 1.83 0.00	28.30 1.84 0.00	31.53 2.03 0.00	35.18 2.29 0.00	34.31 2.46 0.00	35.29 2.36 -7.93	31.84 2.92 0.00	34.12 3.15 0.00	38.57 2.93 -7.12	59.44 2.40 -32.12	1381.93 2.87 -1345.18	163.66 2.76 -128.73	34.02 2.58 -0.24	34.27 2.48 0.00	32.75 2.38 -0.02	35.04 2.15 -0.30	31.18 1.74 -1.18
KINTIGH____ 23543	31.90 -0.85 0.00	30.82 -0.98 0.00	28.88 -0.77 0.00	27.77 -0.79 0.00	26.88 -0.67 0.00	28.71 -0.58 0.00	28.63 -0.56 0.00	26.51 -0.86 0.00	25.76 -0.70 0.00	28.75 -0.74 0.00	31.96 -0.93 0.00	30.88 -0.97 0.00	24.53 -0.47 0.00	28.51 -0.42 0.00	30.53 -0.43 0.00	28.46 -0.05 0.00	24.92 0.00 0.00	34.00 0.11 0.00	32.36 0.19 0.00	31.21 0.01 0.00	32.06 0.28 0.00	30.84 0.49 0.00	33.04 0.45 0.00	28.78 0.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.60 0.85 0.00	32.71 0.91 0.00	30.47 0.81 0.00	29.39 0.83 0.00	28.34 0.80 0.00	30.03 0.74 0.00	29.91 0.72 0.00	28.06 0.68 0.00	27.04 0.58 0.00	30.20 0.70 0.00	34.15 1.25 0.00	32.64 0.79 0.00	25.26 0.26 0.00	29.05 0.12 0.00	31.02 0.05 0.00	28.58 0.07 0.00	25.08 0.16 0.00	34.35 0.46 0.00	32.76 0.59 0.00	31.82 0.62 0.00	32.42 0.64 0.00	30.90 0.55 0.00	33.43 0.84 0.00	29.06 0.79 0.00

LACHUTE____HYDRO 323717	36.50 3.75 0.00	35.42 3.62 0.00	33.06 3.40 0.00	31.74 3.18 0.00	30.65 3.10 0.00	32.43 3.14 0.00	32.71 3.53 0.00	30.51 3.14 0.00	29.19 2.73 0.00	32.81 3.32 0.00	36.18 3.28 0.00	35.45 3.60 0.00	29.62 2.88 -1.74	32.13 3.21 0.00	34.22 3.25 0.00	31.62 3.10 0.00	27.76 2.83 0.00	37.96 3.41 -0.67	36.14 3.97 0.00	35.15 3.93 -0.03	36.20 4.42 0.00	34.59 4.24 0.00	36.53 3.94 0.00	31.73 3.47 0.00
LAWRNCAV_115KV_TB1 80681	33.24 0.49 0.00	32.28 0.48 0.00	30.03 0.37 0.00	28.96 0.40 0.00	27.84 0.29 0.00	29.45 0.16 0.00	29.13 -0.06 0.00	27.27 -0.11 0.00	26.34 -0.13 0.00	29.39 -0.11 0.00	32.49 -0.40 0.00	31.49 -0.36 0.00	23.86 -1.14 0.00	27.47 -1.46 0.00	29.39 -1.57 0.00	27.06 -1.45 0.00	23.69 -1.23 0.00	32.60 -1.29 0.00	30.90 -1.27 0.00	29.93 -1.27 0.00	30.47 -1.31 0.00	29.24 -1.11 0.00	32.76 0.17 0.00	28.44 0.17 0.00
LEDERLE____ 23769	34.63 1.88 0.00	33.38 1.58 0.00	31.06 1.41 0.00	29.89 1.33 0.00	28.80 1.26 0.00	30.65 1.36 0.00	30.78 1.59 0.00	28.98 1.61 0.00	28.08 1.62 0.00	31.34 1.84 0.00	35.08 2.19 0.00	34.16 2.31 0.00	16.83 2.15 10.32	31.61 2.69 0.00	33.92 2.95 0.00	34.65 2.76 -3.38	29.97 2.30 -2.75	34.35 2.74 2.28	34.78 2.61 0.00	33.48 2.43 0.15	34.09 2.31 0.00	32.55 2.20 0.00	34.46 1.87 0.00	29.76 1.50 0.00
LIGHTHSE_115KV_TB6 355974	32.54 -0.21 0.00	31.47 -0.34 0.00	29.32 -0.33 0.00	28.21 -0.35 0.00	27.22 -0.33 0.00	28.99 -0.30 0.00	28.97 -0.22 0.00	27.15 -0.22 0.00	26.26 -0.21 0.00	29.27 -0.22 0.00	32.64 -0.26 0.00	31.61 -0.24 0.00	24.85 -0.15 0.00	28.83 -0.10 0.00	30.76 -0.21 0.00	28.19 -0.33 0.00	24.57 -0.36 0.00	33.64 -0.25 0.00	32.17 0.00 0.00	31.16 -0.03 0.00	31.81 0.03 0.00	30.50 0.15 0.00	32.66 0.07 0.00	28.26 0.00 0.00
LINDEN COGEN____ 23786	34.47 1.72 0.00	33.29 1.48 0.00	30.99 1.33 0.00	29.84 1.28 0.00	28.74 1.19 0.00	30.55 1.26 0.00	30.68 1.50 0.00	26.22 1.61 2.76	23.52 1.65 4.59	31.35 1.86 0.00	33.25 2.17 1.81	33.90 2.28 0.23	30.22 2.21 -3.02	31.71 2.79 0.00	34.00 3.03 0.00	36.63 2.85 -5.27	35.71 2.36 -8.42	58.68 2.74 -22.05	44.69 2.62 -9.90	33.52 2.46 0.14	33.88 2.34 0.23	32.59 2.22 -0.02	34.79 1.90 -0.30	31.02 1.57 -1.18
LINDHRST_69_KV_BK1 356055	35.97 3.16 -0.06	35.91 2.89 -1.22	48.83 2.69 -16.48	31.11 2.55 0.00	29.96 2.42 0.00	31.86 2.57 0.00	31.88 2.70 0.00	30.38 2.74 -0.26	29.16 2.69 0.00	32.77 2.99 -0.28	40.28 3.53 -3.86	54.17 3.62 -18.69	53.54 3.20 -25.34	85.35 3.83 -52.60	171.96 4.08 -136.91	54.60 3.74 -22.35	49.10 3.13 -21.04	46.87 3.83 -9.15	41.96 3.71 -6.08	36.71 3.49 -2.03	35.26 3.34 -0.13	35.37 3.37 -1.64	35.69 3.10 0.00	37.44 2.58 -6.60
LIPA_MISC_IPP 23656	35.99 3.18 -0.06	35.98 2.96 -1.22	48.99 2.85 -16.48	31.30 2.74 0.00	30.14 2.59 0.00	32.04 2.75 0.00	31.99 2.81 0.00	30.54 2.90 -0.26	29.24 2.78 0.00	32.75 2.98 -0.28	40.19 3.44 -3.86	54.05 3.50 -18.70	59.91 3.07 -31.84	85.34 3.79 -52.61	171.87 3.99 -136.91	54.43 3.55 -22.36	65.22 3.01 -37.29	67.06 3.64 -29.53	51.30 3.56 -15.57	57.59 3.36 -23.03	36.57 3.20 -1.58	35.37 3.20 -1.81	35.54 2.95 0.00	37.36 2.50 -6.60
LISF____SOLAR 323691	36.08 3.27 -0.06	36.04 3.02 -1.22	49.05 2.91 -16.49	31.35 2.79 0.00	30.19 2.64 0.00	32.12 2.83 0.00	32.07 2.89 0.00	30.62 2.98 -0.26	29.32 2.85 0.00	32.83 3.05 -0.28	40.27 3.51 -3.86	54.11 3.57 -18.70	60.26 3.14 -32.12	85.40 3.86 -52.61	171.95 4.07 -136.91	54.52 3.64 -22.36	66.01 3.09 -37.99	68.06 3.76 -30.41	51.83 3.49 -15.98	58.62 3.48 -23.94	36.76 3.33 -1.65	35.49 3.31 -1.82	35.66 3.07 0.00	37.45 2.59 -6.60
LITTLE FALLS____HYD 24013	32.82 0.07 0.00	31.71 -0.10 0.00	29.49 -0.17 0.00	28.36 -0.20 0.00	27.37 -0.18 0.00	29.22 -0.07 0.00	29.20 0.01 0.00	27.43 0.05 0.00	26.50 0.03 0.00	29.60 0.10 0.00	33.06 0.17 0.00	32.07 0.22 0.00	25.41 0.41 0.00	29.46 0.54 0.00	31.55 0.58 0.00	28.90 0.39 0.00	25.25 0.32 0.00	33.92 0.03 0.00	32.26 0.08 0.00	31.56 0.36 0.00	32.23 0.45 0.00	30.85 0.50 0.00	32.54 -0.05 0.00	28.15 -0.12 0.00
LITTLRIV_115KV_TB1 356100	33.65 0.90 0.00	32.62 0.81 0.00	30.34 0.69 0.00	29.26 0.70 0.00	28.13 0.58 0.00	29.82 0.53 0.00	29.50 0.31 0.00	27.66 0.28 0.00	26.72 0.25 0.00	29.81 0.32 0.00	32.95 0.05 0.00	31.94 0.09 0.00	24.23 -0.77 0.00	27.89 -1.04 0.00	29.84 -1.12 0.00	27.50 -1.02 0.00	24.10 -0.83 0.00	33.20 -0.69 0.00	31.45 -0.72 0.00	30.46 -0.74 0.00	30.99 -0.79 0.00	29.72 -0.63 0.00	33.23 0.64 0.00	28.82 0.55 0.00
LI_NEWBRDGE____DRP 323616	35.20 2.39 -0.06	35.19 2.17 -1.22	48.14 2.00 -16.48	30.46 1.90 0.00	29.35 1.80 0.00	31.20 1.91 0.00	31.22 2.03 0.00	29.72 2.09 -0.26	28.50 2.04 0.00	32.02 2.25 -0.28	39.40 2.65 -3.86	53.28 2.73 -18.69	52.24 2.49 -24.75	84.57 3.05 -52.59	171.15 3.27 -136.91	53.86 3.00 -22.35	46.94 2.45 -19.56	44.04 2.87 -7.29	40.20 2.81 -5.21	33.93 2.62 -0.11	34.26 2.48 0.00	34.46 2.48 -1.63	34.75 2.16 0.00	36.68 1.82 -6.60
LOCKPORT_115KV_TB60_63_64 80432	32.03 -0.72 0.00	30.96 -0.84 0.00	29.02 -0.64 0.00	27.91 -0.65 0.00	27.01 -0.54 0.00	28.89 -0.39 0.00	28.78 -0.40 0.00	26.50 -0.88 0.00	25.78 -0.69 0.00	28.75 -0.74 0.00	31.98 -0.92 0.00	30.91 -0.94 0.00	24.61 -0.39 0.00	28.62 -0.31 0.00	30.64 -0.32 0.00	28.63 0.12 0.00	25.12 0.20 0.00	34.26 0.38 0.00	32.64 0.47 0.00	31.45 0.25 0.00	32.40 0.62 0.00	31.18 0.83 0.00	33.44 0.84 0.00	29.17 0.90 0.00
LOCKPORT____CC1 323769	32.02 -0.73 0.00	30.94 -0.87 0.00	28.99 -0.66 0.00	27.89 -0.67 0.00	27.00 -0.55 0.00	28.88 -0.41 0.00	28.76 -0.42 0.00	26.49 -0.88 0.00	25.77 -0.70 0.00	28.75 -0.75 0.00	31.97 -0.93 0.00	30.92 -0.93 0.00	24.61 -0.39 0.00	28.62 -0.31 0.00	30.67 -0.30 0.00	28.63 0.12 0.00	25.13 0.21 0.00	34.26 0.38 0.00	32.62 0.45 0.00	31.43 0.24 0.00	32.36 0.58 0.00	31.16 0.81 0.00	33.41 0.82 0.00	29.16 0.89 0.00
LOCKPORT____CC2 323770	32.02 -0.73 0.00	30.94 -0.87 0.00	28.99 -0.66 0.00	27.89 -0.67 0.00	27.00 -0.55 0.00	28.88 -0.41 0.00	28.76 -0.42 0.00	26.49 -0.88 0.00	25.77 -0.70 0.00	28.75 -0.75 0.00	31.97 -0.93 0.00	30.92 -0.93 0.00	24.61 -0.39 0.00	28.62 -0.31 0.00	30.67 -0.30 0.00	28.63 0.12 0.00	25.13 0.21 0.00	34.26 0.38 0.00	32.62 0.45 0.00	31.43 0.24 0.00	32.36 0.58 0.00	31.16 0.81 0.00	33.41 0.82 0.00	29.16 0.89 0.00
LOCKPORT____CC3 323771	32.02 -0.73 0.00	30.94 -0.87 0.00	28.99 -0.66 0.00	27.89 -0.67 0.00	27.00 -0.55 0.00	28.88 -0.41 0.00	28.76 -0.42 0.00	26.49 -0.88 0.00	25.77 -0.70 0.00	28.75 -0.75 0.00	31.97 -0.93 0.00	30.92 -0.93 0.00	24.61 -0.39 0.00	28.62 -0.31 0.00	30.67 -0.30 0.00	28.63 0.12 0.00	25.13 0.21 0.00	34.26 0.38 0.00	32.62 0.45 0.00	31.43 0.24 0.00	32.36 0.58 0.00	31.16 0.81 0.00	33.41 0.82 0.00	29.16 0.89 0.00

LONG_LAKE_PHOENIX 24014	32.00 -0.75 0.00	30.97 -0.83 0.00	28.88 -0.77 0.00	27.79 -0.77 0.00	26.83 -0.72 0.00	28.57 -0.71 0.00	28.55 -0.64 0.00	26.74 -0.64 0.00	25.86 -0.61 0.00	28.83 -0.67 0.00	32.15 -0.75 0.00	31.13 -0.71 0.00	24.57 -0.43 0.00	28.50 -0.43 0.00	30.46 -0.51 0.00	28.09 -0.42 0.00	24.57 -0.36 0.00	33.40 -0.49 0.00	31.82 -0.36 0.00	30.83 -0.37 0.00	31.46 -0.33 0.00	30.04 -0.31 0.00	32.09 -0.50 0.00	27.83 -0.44 0.00
LOVETT___3 23632	34.41 1.66 0.00	33.21 1.40 0.00	30.91 1.25 0.00	29.75 1.19 0.00	28.66 1.12 0.00	30.48 1.19 0.00	30.60 1.42 0.00	28.81 1.43 0.00	27.89 1.43 0.00	31.11 1.62 0.00	34.81 1.91 0.00	33.88 2.03 0.00	16.10 1.93 10.83	31.33 2.40 0.00	33.60 2.64 0.00	34.51 2.44 -3.55	29.83 2.02 -2.89	33.90 2.36 2.34	34.44 2.27 0.00	33.16 2.12 0.15	33.79 2.01 0.00	32.28 1.92 0.00	34.19 1.60 0.00	29.54 1.27 0.00
LOVETT___4 23642	34.41 1.66 0.00	33.21 1.40 0.00	30.91 1.25 0.00	29.75 1.19 0.00	28.66 1.12 0.00	30.48 1.19 0.00	30.60 1.42 0.00	28.81 1.43 0.00	27.89 1.43 0.00	31.11 1.62 0.00	34.81 1.91 0.00	33.88 2.03 0.00	16.10 1.93 10.83	31.33 2.40 0.00	33.60 2.64 0.00	34.51 2.44 -3.55	29.83 2.02 -2.89	33.90 2.36 2.34	34.44 2.27 0.00	33.16 2.12 0.15	33.79 2.01 0.00	32.28 1.92 0.00	34.19 1.60 0.00	29.54 1.27 0.00
LOVETT___5 23593	34.41 1.66 0.00	33.21 1.40 0.00	30.91 1.25 0.00	29.75 1.19 0.00	28.66 1.12 0.00	30.48 1.19 0.00	30.60 1.42 0.00	28.81 1.43 0.00	27.89 1.43 0.00	31.11 1.62 0.00	34.81 1.91 0.00	33.88 2.03 0.00	16.10 1.93 10.83	31.33 2.40 0.00	33.60 2.64 0.00	34.51 2.44 -3.55	29.83 2.02 -2.89	33.90 2.36 2.34	34.44 2.27 0.00	33.16 2.12 0.15	33.79 2.01 0.00	32.28 1.92 0.00	34.19 1.60 0.00	29.54 1.27 0.00
LOWER_RAQUET___HYD 24057	33.26 0.50 0.00	32.28 0.48 0.00	30.00 0.35 0.00	28.94 0.38 0.00	27.81 0.26 0.00	29.39 0.10 0.00	29.03 -0.15 0.00	27.16 -0.21 0.00	26.25 -0.21 0.00	29.29 -0.21 0.00	32.42 -0.48 0.00	31.38 -0.47 0.00	23.78 -1.22 0.00	27.37 -1.56 0.00	29.28 -1.68 0.00	26.95 -1.56 0.00	23.60 -1.32 0.00	32.49 -1.40 0.00	30.81 -1.36 0.00	29.84 -1.35 0.00	30.38 -1.40 0.00	29.19 -1.16 0.00	32.73 0.14 0.00	28.44 0.17 0.00
LOWER___HUDSON 24059	34.13 1.38 0.00	33.22 1.41 0.00	30.96 1.31 0.00	29.82 1.27 0.00	28.79 1.25 0.00	30.56 1.27 0.00	30.47 1.29 0.00	28.51 1.14 0.00	27.46 1.00 0.00	30.63 1.14 0.00	34.17 1.27 0.00	33.25 1.40 0.00	28.11 1.27 -1.84	30.35 1.42 0.00	32.47 1.50 0.00	29.73 1.21 0.00	25.98 1.05 0.00	35.66 1.07 -0.72	33.47 1.30 0.00	32.63 1.40 -0.03	33.24 1.46 0.00	31.72 1.37 0.00	33.60 1.01 0.00	29.29 1.02 0.00
LOWVILLE_115KV_TB2 356335	33.44 0.69 0.00	32.34 0.53 0.00	30.10 0.44 0.00	28.98 0.42 0.00	27.93 0.38 0.00	29.68 0.39 0.00	29.62 0.44 0.00	27.78 0.41 0.00	26.92 0.46 0.00	30.05 0.55 0.00	33.40 0.50 0.00	32.31 0.47 0.00	25.14 0.14 0.00	29.12 0.19 0.00	31.08 0.12 0.00	28.45 -0.07 0.00	24.74 -0.18 0.00	34.16 0.27 0.00	32.66 0.49 0.00	31.59 0.40 0.00	32.23 0.45 0.00	30.88 0.53 0.00	33.43 0.84 0.00	28.90 0.63 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.67 1.92 0.00	33.69 1.89 0.00	31.40 1.74 0.00	30.23 1.67 0.00	29.18 1.63 0.00	30.97 1.68 0.00	30.94 1.76 0.00	28.99 1.61 0.00	27.95 1.48 0.00	31.20 1.71 0.00	34.77 1.87 0.00	33.83 1.98 0.00	28.41 1.66 -1.75	30.81 1.89 0.00	32.99 2.02 0.00	30.30 1.79 0.00	26.49 1.56 0.00	36.37 1.81 -0.67	34.17 2.00 0.00	33.24 2.02 -0.03	33.93 2.14 0.00	32.35 2.00 0.00	34.30 1.71 0.00	29.84 1.57 0.00
LUTHERNY_35_KV_BK2 355980	34.70 1.96 0.00	33.73 1.93 0.00	31.43 1.77 0.00	30.24 1.68 0.00	29.19 1.65 0.00	31.02 1.73 0.00	30.97 1.79 0.00	29.04 1.66 0.00	27.99 1.52 0.00	31.23 1.73 0.00	34.80 1.90 0.00	33.86 2.01 0.00	28.44 1.69 -1.75	30.85 1.92 0.00	33.04 2.08 0.00	30.35 1.84 0.00	26.52 1.60 0.00	36.42 1.86 -0.67	34.21 2.05 0.00	33.28 2.06 -0.03	33.96 2.18 0.00	32.34 1.99 0.00	34.31 1.72 0.00	29.85 1.59 0.00
LWR___OSWEGATCHIE_HYD 23850	33.20 0.45 0.00	32.21 0.40 0.00	29.96 0.30 0.00	28.87 0.30 0.00	27.78 0.23 0.00	29.40 0.12 0.00	29.21 0.02 0.00	27.36 -0.02 0.00	26.47 0.01 0.00	29.53 0.04 0.00	32.76 -0.14 0.00	31.70 -0.15 0.00	24.36 -0.64 0.00	28.13 -0.79 0.00	30.06 -0.90 0.00	27.56 -0.96 0.00	24.05 -0.88 0.00	33.18 -0.70 0.00	31.62 -0.55 0.00	30.60 -0.59 0.00	31.19 -0.59 0.00	29.94 -0.41 0.00	32.95 0.36 0.00	28.56 0.29 0.00
LYONS_FALL_HYD 23570	33.48 0.72 0.00	32.35 0.54 0.00	30.12 0.47 0.00	28.99 0.43 0.00	27.96 0.41 0.00	29.79 0.50 0.00	29.76 0.58 0.00	27.92 0.54 0.00	27.08 0.61 0.00	30.21 0.72 0.00	33.65 0.76 0.00	32.58 0.73 0.00	25.49 0.49 0.00	29.55 0.62 0.00	31.57 0.61 0.00	28.99 0.47 0.00	25.27 0.34 0.00	34.61 0.72 0.00	33.01 0.84 0.00	31.98 0.78 0.00	32.61 0.83 0.00	31.18 0.83 0.00	33.51 0.92 0.00	28.97 0.71 0.00
MADISON___COUNTY_LFGE 323628	33.52 0.77 0.00	32.35 0.54 0.00	30.14 0.49 0.00	29.00 0.44 0.00	27.99 0.44 0.00	29.87 0.58 0.00	29.88 0.69 0.00	28.02 0.64 0.00	27.18 0.71 0.00	30.33 0.84 0.00	33.82 0.93 0.00	32.73 0.88 0.00	25.75 0.75 0.00	29.92 0.99 0.00	32.02 1.06 0.00	29.45 0.94 0.00	25.72 0.80 0.00	35.01 1.13 0.00	33.33 1.16 0.00	32.33 1.14 0.00	33.03 1.25 0.00	31.53 1.17 0.00	33.66 1.07 0.00	29.10 0.84 0.00
MALONE___115KV_TB1 356076	33.49 0.73 0.00	32.56 0.76 0.00	30.31 0.66 0.00	29.24 0.68 0.00	28.17 0.62 0.00	29.86 0.57 0.00	29.65 0.47 0.00	27.82 0.45 0.00	26.88 0.42 0.00	30.02 0.52 0.00	33.82 0.92 0.00	32.34 0.50 0.00	24.87 -0.13 0.00	28.62 -0.31 0.00	30.62 -0.34 0.00	28.23 -0.28 0.00	24.73 -0.20 0.00	33.96 0.08 0.00	32.28 0.11 0.00	31.29 0.09 0.00	31.85 0.07 0.00	30.43 0.07 0.00	33.26 0.67 0.00	28.83 0.56 0.00
MAPLEWOD_115KV_TB3 80458	34.06 1.31 0.00	33.11 1.31 0.00	30.85 1.20 0.00	29.72 1.16 0.00	28.68 1.13 0.00	30.43 1.14 0.00	30.38 1.20 0.00	28.46 1.09 0.00	27.46 0.99 0.00	30.64 1.14 0.00	34.22 1.32 0.00	33.30 1.45 0.00	28.12 1.32 -1.81	30.44 1.52 0.00	32.58 1.62 0.00	29.85 1.33 0.00	26.10 1.17 0.00	35.86 1.28 -0.69	33.56 1.39 0.00	32.64 1.41 -0.03	33.20 1.42 0.00	31.68 1.33 0.00	33.58 0.99 0.00	29.21 0.95 0.00
MAPLE_RIDGE_WT_1 323574	32.68 -0.06 0.00	31.77 -0.03 0.00	29.63 -0.03 0.00	28.56 -0.01 0.00	27.52 -0.03 0.00	29.25 -0.03 0.00	29.11 -0.07 0.00	27.30 -0.07 0.00	26.39 -0.08 0.00	29.43 -0.07 0.00	32.80 -0.10 0.00	31.73 -0.13 0.00	24.80 -0.20 0.00	28.67 -0.26 0.00	30.69 -0.28 0.00	28.27 -0.24 0.00	24.71 -0.21 0.00	33.68 -0.20 0.00	31.96 -0.21 0.00	30.98 -0.21 0.00	31.57 -0.22 0.00	30.14 -0.21 0.00	32.49 -0.10 0.00	28.17 -0.09 0.00

MAPLE RIDGE_WT_2 323611	32.68 -0.06 0.00	31.77 -0.03 0.00	29.63 -0.03 0.00	28.56 -0.01 0.00	27.52 -0.03 0.00	29.25 -0.03 0.00	29.11 -0.07 0.00	27.30 -0.07 0.00	26.39 -0.08 0.00	29.43 -0.07 0.00	32.80 -0.10 0.00	31.73 -0.13 0.00	24.80 -0.20 0.00	28.67 -0.26 0.00	30.69 -0.28 0.00	28.27 -0.24 0.00	24.71 -0.21 0.00	33.68 -0.20 0.00	31.96 -0.21 0.00	30.98 -0.21 0.00	31.57 -0.22 0.00	30.14 -0.21 0.00	32.49 -0.10 0.00	28.17 -0.09 0.00
MARBLE RIVER_WT_PWR 323696	33.20 0.45 0.00	32.36 0.55 0.00	30.15 0.50 0.00	29.10 0.54 0.00	28.04 0.49 0.00	29.71 0.43 0.00	29.55 0.36 0.00	27.71 0.34 0.00	26.73 0.26 0.00	29.82 0.33 0.00	33.47 0.57 0.00	32.16 0.31 0.00	24.89 -0.11 0.00	28.64 -0.28 0.00	30.63 -0.34 0.00	28.21 -0.31 0.00	24.71 -0.21 0.00	33.85 -0.04 0.00	32.19 0.02 0.00	31.22 0.03 0.00	31.80 0.02 0.00	30.34 -0.01 0.00	32.93 0.34 0.00	28.60 0.34 0.00
MARSHVLE_115KV_TB1 80742	35.33 2.58 0.00	34.22 2.41 0.00	31.94 2.28 0.00	30.77 2.21 0.00	29.65 2.11 0.00	31.51 2.22 0.00	31.53 2.35 0.00	29.56 2.19 0.00	28.71 2.24 0.00	32.10 2.60 0.00	35.76 2.86 0.00	34.51 2.66 0.00	28.25 1.98 -1.27	31.06 2.14 0.00	33.22 2.25 0.00	30.93 2.42 0.00	27.07 2.14 0.00	37.54 3.17 -0.48	35.12 2.95 0.00	33.99 2.80 0.00	34.68 2.90 0.00	33.22 2.87 0.00	35.67 3.08 0.00	30.89 2.63 0.00
MARSH HILL_WT_PWR 323713	33.21 0.46 0.00	31.94 0.13 0.00	29.84 0.18 0.00	28.64 0.08 0.00	27.72 0.17 0.00	29.61 0.32 0.00	29.56 0.38 0.00	27.45 0.07 0.00	26.75 0.28 0.00	29.94 0.44 0.00	33.36 0.46 0.00	32.15 0.30 0.00	25.47 0.47 0.00	29.71 0.78 0.00	31.82 0.85 0.00	29.62 1.11 0.00	25.85 0.92 0.00	35.24 1.35 0.00	33.64 1.47 0.00	32.54 1.34 0.00	33.38 1.60 0.00	32.01 1.66 0.00	34.20 1.61 0.00	29.64 1.38 0.00
MCINTYRE_115KV_TB2 80467	33.80 1.05 0.00	32.82 1.01 0.00	30.56 0.90 0.00	29.47 0.91 0.00	28.35 0.80 0.00	30.08 0.79 0.00	29.79 0.60 0.00	27.94 0.56 0.00	26.98 0.51 0.00	30.13 0.63 0.00	33.21 0.31 0.00	32.25 0.40 0.00	24.46 -0.53 0.00	28.18 -0.74 0.00	30.16 -0.80 0.00	27.83 -0.69 0.00	24.41 -0.52 0.00	33.62 -0.27 0.00	31.83 -0.35 0.00	30.83 -0.37 0.00	31.37 -0.41 0.00	30.03 -0.33 0.00	33.47 0.88 0.00	28.98 0.72 0.00
MECO____69_KV_BK1 80468	36.45 3.71 0.00	34.84 3.04 0.00	32.47 2.82 0.00	31.24 2.68 0.00	30.13 2.58 0.00	32.41 3.12 0.00	32.38 3.20 0.00	30.30 2.93 0.00	29.47 3.00 0.00	33.06 3.56 0.00	36.76 3.86 0.00	35.29 3.44 0.00	28.92 2.52 -1.40	31.76 2.84 0.00	33.81 2.84 0.00	31.96 3.44 0.00	28.15 3.23 0.00	38.83 4.40 -0.53	36.61 4.44 0.00	35.63 4.43 0.00	36.27 4.49 0.00	34.66 4.31 0.00	36.93 4.34 0.00	31.91 3.64 0.00
MENANDS__115KV_TB5 355628	33.72 0.97 0.00	32.80 1.00 0.00	30.57 0.91 0.00	29.45 0.89 0.00	28.42 0.88 0.00	30.16 0.87 0.00	30.09 0.90 0.00	28.17 0.79 0.00	27.17 0.70 0.00	30.30 0.80 0.00	33.83 0.93 0.00	32.92 1.07 0.00	27.84 1.02 -1.82	30.10 1.18 0.00	32.21 1.25 0.00	29.48 0.97 0.00	25.75 0.82 0.00	35.33 0.75 -0.70	33.08 0.91 0.00	32.20 0.98 -0.03	32.75 0.97 0.00	31.25 0.90 0.00	33.12 0.53 0.00	28.85 0.58 0.00
MG INDUSTRY__DRP 24185	33.82 1.07 0.00	32.87 1.06 0.00	30.64 0.99 0.00	29.52 0.96 0.00	28.49 0.94 0.00	30.25 0.96 0.00	30.20 1.02 0.00	28.26 0.89 0.00	27.22 0.76 0.00	30.35 0.85 0.00	33.85 0.96 0.00	32.89 1.04 0.00	27.66 0.99 -1.67	30.07 1.15 0.00	32.17 1.21 0.00	29.39 0.88 0.00	25.66 0.73 0.00	35.19 0.68 -0.62	33.02 0.85 0.00	32.12 0.90 -0.03	32.70 0.91 0.00	31.22 0.87 0.00	33.14 0.55 0.00	28.86 0.59 0.00
MID__OSWEGATCHIE_HYD 23849	33.20 0.45 0.00	32.21 0.40 0.00	29.96 0.30 0.00	28.87 0.30 0.00	27.78 0.23 0.00	29.40 0.12 0.00	29.21 0.02 0.00	27.36 -0.02 0.00	26.47 0.01 0.00	29.53 0.04 0.00	32.76 -0.14 0.00	31.70 -0.15 0.00	24.36 -0.64 0.00	28.13 -0.79 0.00	30.06 -0.90 0.00	27.56 -0.96 0.00	24.05 -0.88 0.00	33.18 -0.70 0.00	31.62 -0.55 0.00	30.60 -0.59 0.00	31.19 -0.59 0.00	29.94 -0.41 0.00	32.95 0.36 0.00	28.56 0.29 0.00
MID__RAQUETTE_HYD 23851	33.26 0.50 0.00	32.28 0.48 0.00	30.01 0.35 0.00	28.94 0.38 0.00	27.81 0.26 0.00	29.39 0.10 0.00	29.03 -0.15 0.00	27.17 -0.21 0.00	26.25 -0.21 0.00	29.29 -0.21 0.00	32.42 -0.48 0.00	31.38 -0.47 0.00	23.78 -1.22 0.00	27.37 -1.55 0.00	29.29 -1.68 0.00	26.95 -1.56 0.00	23.60 -1.32 0.00	32.49 -1.40 0.00	30.81 -1.36 0.00	29.84 -1.35 0.00	30.38 -1.40 0.00	29.19 -1.16 0.00	32.73 0.14 0.00	28.44 0.17 0.00
MILLIKEN__1 23584	33.29 0.53 0.00	32.15 0.34 0.00	29.96 0.30 0.00	28.84 0.28 0.00	27.86 0.31 0.00	29.70 0.41 0.00	29.73 0.54 0.00	27.89 0.51 0.00	27.06 0.60 0.00	30.12 0.63 0.00	33.56 0.66 0.00	32.47 0.62 0.00	25.63 0.63 0.00	29.79 0.86 0.00	31.91 0.95 0.00	29.44 0.93 0.00	25.73 0.81 0.00	34.98 1.10 0.00	33.27 1.10 0.00	32.26 1.07 0.00	32.96 1.18 0.00	31.51 1.15 0.00	33.61 1.02 0.00	29.05 0.79 0.00
MILLIKEN__2 23585	33.29 0.53 0.00	32.15 0.34 0.00	29.96 0.30 0.00	28.84 0.28 0.00	27.86 0.31 0.00	29.70 0.41 0.00	29.73 0.54 0.00	27.89 0.51 0.00	27.06 0.60 0.00	30.12 0.63 0.00	33.56 0.66 0.00	32.47 0.62 0.00	25.63 0.63 0.00	29.79 0.86 0.00	31.91 0.95 0.00	29.44 0.93 0.00	25.73 0.81 0.00	34.98 1.10 0.00	33.27 1.10 0.00	32.26 1.07 0.00	32.96 1.18 0.00	31.51 1.15 0.00	33.61 1.02 0.00	29.05 0.79 0.00
MILLIKEN__DIESEL 23629	33.29 0.53 0.00	32.15 0.34 0.00	29.96 0.30 0.00	28.84 0.28 0.00	27.86 0.31 0.00	29.70 0.41 0.00	29.73 0.54 0.00	27.89 0.51 0.00	27.06 0.60 0.00	30.12 0.63 0.00	33.56 0.66 0.00	32.47 0.62 0.00	25.63 0.63 0.00	29.79 0.86 0.00	31.91 0.95 0.00	29.44 0.93 0.00	25.73 0.81 0.00	34.98 1.10 0.00	33.27 1.10 0.00	32.26 1.07 0.00	32.96 1.18 0.00	31.51 1.15 0.00	33.61 1.02 0.00	29.05 0.79 0.00
MILLSEAT__LFGE 323607	32.62 -0.13 0.00	31.50 -0.31 0.00	29.49 -0.16 0.00	28.36 -0.20 0.00	27.46 -0.09 0.00	29.37 0.08 0.00	29.30 0.11 0.00	27.06 -0.31 0.00	26.34 -0.13 0.00	29.42 -0.08 0.00	32.73 -0.16 0.00	31.66 -0.19 0.00	25.14 0.15 0.00	29.23 0.30 0.00	31.33 0.36 0.00	29.19 0.68 0.00	25.65 0.73 0.00	34.96 1.07 0.00	33.33 1.16 0.00	32.13 0.94 0.00	33.05 1.28 0.00	31.77 1.42 0.00	34.01 1.42 0.00	29.62 1.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.50 1.76 0.00	33.35 1.54 0.00	31.04 1.39 0.00	29.88 1.32 0.00	28.80 1.25 0.00	30.60 1.32 0.00	30.71 1.53 0.00	28.93 1.56 0.00	28.02 1.55 0.00	31.24 1.75 0.00	34.96 2.06 0.00	34.03 2.19 0.00	35.82 2.05 -8.77	31.48 2.55 0.00	33.75 2.79 0.00	35.96 2.59 -4.86	31.01 2.13 -3.95	39.31 2.50 -2.93	34.58 2.42 0.00	34.07 2.28 -0.60	33.95 2.17 0.00	32.41 2.06 0.00	34.32 1.73 0.00	29.70 1.44 0.00

MILLWOOD_13_KV_LOAD 356217	34.61 1.86 0.00	33.43 1.62 0.00	31.12 1.47 0.00	29.96 1.40 0.00	28.87 1.32 0.00	30.68 1.39 0.00	30.80 1.61 0.00	29.02 1.64 0.00	28.10 1.64 0.00	31.34 1.85 0.00	35.08 2.19 0.00	34.16 2.31 0.00	35.93 2.16 -8.77	31.62 2.69 0.00	33.91 2.94 0.00	36.10 2.73 -4.86	31.13 2.26 -3.95	39.48 2.67 -2.93	34.74 2.57 0.00	34.21 2.42 -0.60	34.09 2.31 0.00	32.54 2.19 0.00	34.44 1.84 0.00	29.80 1.53 0.00
MODEL_CITY_ENERGY 24167	31.70 -1.05 0.00	30.67 -1.13 0.00	28.74 -0.91 0.00	27.66 -0.90 0.00	26.77 -0.78 0.00	28.64 -0.65 0.00	28.50 -0.69 0.00	26.19 -1.18 0.00	25.47 -1.00 0.00	28.39 -1.10 0.00	31.58 -1.32 0.00	30.56 -1.29 0.00	24.33 -0.67 0.00	28.28 -0.65 0.00	30.31 -0.65 0.00	28.31 -0.21 0.00	24.84 -0.08 0.00	33.84 -0.05 0.00	32.23 0.06 0.00	31.06 -0.13 0.00	32.01 0.23 0.00	30.81 0.46 0.00	33.06 0.46 0.00	28.86 0.59 0.00
MODERN_LFGE_ 323580	31.70 -1.05 0.00	30.67 -1.13 0.00	28.74 -0.91 0.00	27.66 -0.90 0.00	26.77 -0.78 0.00	28.64 -0.65 0.00	28.50 -0.69 0.00	26.19 -1.18 0.00	25.47 -1.00 0.00	28.39 -1.10 0.00	31.58 -1.32 0.00	30.56 -1.29 0.00	24.33 -0.67 0.00	28.28 -0.65 0.00	30.31 -0.65 0.00	28.31 -0.21 0.00	24.84 -0.08 0.00	33.84 -0.05 0.00	32.23 0.06 0.00	31.06 -0.13 0.00	32.01 0.23 0.00	30.81 0.46 0.00	33.06 0.46 0.00	28.86 0.59 0.00
MOHAWK_PAPER__DRP 24187	34.06 1.31 0.00	33.11 1.31 0.00	30.85 1.20 0.00	29.72 1.16 0.00	28.68 1.13 0.00	30.43 1.14 0.00	30.38 1.20 0.00	28.46 1.09 0.00	27.46 0.99 0.00	30.64 1.14 0.00	34.22 1.32 0.00	33.30 1.45 0.00	28.12 1.32 -1.81	30.44 1.52 0.00	32.58 1.62 0.00	29.85 1.33 0.00	26.10 1.17 0.00	35.86 1.28 -0.69	33.56 1.39 0.00	32.64 1.41 -0.03	33.20 1.42 0.00	31.68 1.33 0.00	33.58 0.99 0.00	29.21 0.95 0.00
MOHICAN__35_KV_115KV_LD 80490	34.89 2.14 0.00	33.91 2.11 0.00	31.61 1.96 0.00	30.44 1.87 0.00	29.38 1.83 0.00	31.10 1.82 0.00	31.14 1.96 0.00	29.16 1.78 0.00	28.06 1.59 0.00	31.40 1.91 0.00	34.86 1.96 0.00	33.97 2.12 0.00	28.41 1.67 -1.75	30.78 1.86 0.00	32.90 1.93 0.00	30.26 1.75 0.00	26.48 1.55 0.00	36.28 1.72 -0.67	34.29 2.12 0.00	33.37 2.15 -0.03	34.24 2.46 0.00	32.68 2.33 0.00	34.58 1.99 0.00	30.07 1.81 0.00
MONGAUP__HYD 23641	34.53 1.78 0.00	33.22 1.41 0.00	30.89 1.23 0.00	29.89 1.33 0.00	28.65 1.10 0.00	30.56 1.27 0.00	30.65 1.47 0.00	28.81 1.44 0.00	27.89 1.42 0.00	31.04 1.54 0.00	34.80 1.90 0.00	33.79 1.94 0.00	20.45 1.61 6.16	31.02 2.09 0.00	33.31 2.34 0.00	32.78 2.45 -1.81	28.32 1.92 -1.48	34.52 2.34 1.71	34.54 2.37 0.00	33.36 2.26 0.10	33.95 2.17 0.00	32.40 2.05 0.00	34.38 1.79 0.00	29.76 1.50 0.00
MONTAUK__DIESEL 23721	37.83 5.02 -0.06	37.67 4.65 -1.22	50.55 4.40 -16.48	32.79 4.23 0.00	31.56 4.02 0.00	33.55 4.26 0.00	33.56 4.38 0.00	32.10 4.46 -0.26	30.83 4.37 0.00	34.37 4.60 -0.28	42.20 5.45 -3.86	56.04 5.49 -18.70	61.63 4.68 -31.95	87.29 5.75 -52.61	174.05 6.17 -136.91	56.49 5.61 -22.36	67.34 4.86 -37.56	70.00 6.25 -29.87	53.93 6.02 -15.73	60.21 5.63 -23.38	38.72 5.33 -1.61	37.19 5.02 -1.82	37.44 4.84 0.00	38.87 4.01 -6.60
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.38 0.63 0.00	31.98 0.18 0.00	29.83 0.18 0.00	28.79 0.22 0.00	27.82 0.27 0.00	29.30 0.02 0.00	29.39 0.21 0.00	27.36 -0.02 0.00	26.96 0.50 0.00	30.31 0.82 0.00	33.90 1.00 0.00	32.70 0.86 0.00	26.01 1.01 0.00	30.39 1.47 0.00	32.40 1.43 0.00	30.23 1.72 0.00	26.44 1.52 0.00	35.92 2.04 0.00	34.14 1.96 0.00	32.86 1.67 0.00	33.72 1.93 0.00	32.39 2.03 0.00	34.63 2.04 0.00	30.02 1.75 0.00
MORTIMER_115KV_TB3 55949	32.46 -0.29 0.00	31.39 -0.42 0.00	29.34 -0.31 0.00	28.22 -0.34 0.00	27.29 -0.26 0.00	29.11 -0.18 0.00	29.05 -0.13 0.00	27.05 -0.33 0.00	26.28 -0.19 0.00	29.35 -0.15 0.00	32.68 -0.21 0.00	31.61 -0.24 0.00	25.04 0.04 0.00	29.07 0.15 0.00	31.14 0.17 0.00	28.93 0.42 0.00	25.34 0.42 0.00	34.57 0.69 0.00	32.91 0.74 0.00	31.79 0.60 0.00	32.57 0.79 0.00	31.23 0.88 0.00	33.38 0.79 0.00	29.00 0.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.75 2.00 0.00	33.57 1.77 0.00	31.25 1.60 0.00	30.08 1.52 0.00	28.98 1.43 0.00	30.79 1.50 0.00	30.92 1.74 0.00	29.21 1.83 0.00	28.31 1.84 0.00	31.57 2.07 0.00	35.32 2.42 0.00	34.40 2.55 0.00	35.30 2.38 -7.92	31.89 2.96 0.00	34.20 3.23 0.00	38.69 3.05 -7.12	59.64 2.59 -32.12	1382.13 3.07 -1345.18	163.83 2.93 -128.73	34.20 2.77 -0.24	34.42 2.64 0.00	32.88 2.51 -0.02	35.09 2.20 -0.30	31.21 1.77 -1.18
MUNSVILLE_WIND_PWR 323609	35.27 2.52 0.00	33.85 2.05 0.00	31.54 1.88 0.00	30.34 1.78 0.00	29.28 1.73 0.00	31.38 2.10 0.00	31.55 2.36 0.00	29.67 2.30 0.00	28.86 2.39 0.00	32.19 2.69 0.00	35.69 2.79 0.00	34.37 2.52 0.00	27.12 2.12 0.00	31.52 2.59 0.00	33.91 2.95 0.00	31.63 3.11 0.00	27.46 2.54 0.00	37.36 3.48 0.00	35.47 3.30 0.00	34.37 3.17 0.00	35.19 3.41 0.00	33.60 3.25 0.00	35.76 3.17 0.00	30.78 2.52 0.00
N SALMON__HYD 24042	33.49 0.74 0.00	32.56 0.76 0.00	30.31 0.66 0.00	29.24 0.68 0.00	28.17 0.62 0.00	29.86 0.57 0.00	29.66 0.47 0.00	27.82 0.45 0.00	26.88 0.42 0.00	30.02 0.52 0.00	33.82 0.92 0.00	32.34 0.50 0.00	24.87 -0.13 0.00	28.62 -0.31 0.00	30.63 -0.34 0.00	28.23 -0.28 0.00	24.73 -0.20 0.00	33.96 0.08 0.00	32.28 0.11 0.00	31.29 0.09 0.00	31.85 0.07 0.00	30.43 0.07 0.00	33.26 0.67 0.00	28.83 0.56 0.00
N.AKRON__115KV_KNAPP 355671	32.51 -0.24 0.00	31.38 -0.42 0.00	29.40 -0.25 0.00	28.28 -0.28 0.00	27.37 -0.18 0.00	29.29 0.00 0.00	29.21 0.03 0.00	26.97 -0.41 0.00	26.25 -0.22 0.00	29.29 -0.21 0.00	32.59 -0.31 0.00	31.49 -0.36 0.00	25.05 0.05 0.00	29.13 0.21 0.00	31.17 0.21 0.00	29.10 0.59 0.00	25.54 0.61 0.00	34.85 0.96 0.00	33.21 1.03 0.00	32.04 0.84 0.00	32.97 1.19 0.00	31.69 1.34 0.00	33.94 1.35 0.00	29.56 1.30 0.00
N.BELMOR_69_KV_BK1 55787	35.53 2.72 -0.06	35.48 2.46 -1.22	48.38 2.24 -16.48	30.69 2.12 0.00	29.56 2.01 0.00	31.43 2.14 0.00	31.46 2.28 0.00	29.94 2.30 -0.26	28.74 2.27 0.00	32.29 2.51 -0.28	39.68 2.92 -3.86	53.50 2.96 -18.69	52.45 2.70 -24.75	84.83 3.31 -52.59	171.47 3.59 -136.91	54.16 3.30 -22.35	47.22 2.73 -19.56	44.44 3.26 -7.29	40.60 3.22 -5.21	34.34 3.03 -0.11	34.66 2.88 0.00	34.87 2.89 -1.63	35.18 2.59 0.00	37.01 2.15 -6.60
N.E._GEN_SANDY PD 24062	33.58 1.31 0.48	33.12 1.31 0.00	30.86 1.21 0.00	29.75 1.19 0.00	28.72 1.17 0.00	30.45 1.17 0.00	30.42 1.24 0.00	28.51 1.14 0.00	27.46 1.00 0.00	30.50 1.10 0.10	34.01 1.29 0.18	33.67 1.46 -0.36	29.19 1.39 -2.81	30.55 1.63 0.00	32.68 1.72 0.00	29.96 1.45 0.00	26.63 1.21 -0.49	35.45 1.19 -0.37	33.72 1.40 -0.15	32.71 1.47 -0.04	33.24 1.46 0.00	32.40 1.37 -0.67	32.84 0.95 0.71	29.52 0.97 -0.28

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.48 1.73 0.00	33.27 1.47 0.00	30.96 1.31 0.00	29.80 1.24 0.00	28.71 1.16 0.00	30.53 1.24 0.00	30.65 1.47 0.00	28.86 1.49 0.00	27.95 1.48 0.00	31.18 1.68 0.00	34.90 2.00 0.00	33.97 2.12 0.00	16.40 2.00 10.60	31.42 2.50 0.00	33.71 2.74 0.00	34.55 2.55 -3.48	29.87 2.12 -2.83	34.08 2.50 2.31	34.57 2.40 0.00	33.27 2.23 0.15	33.90 2.11 0.00	32.37 2.02 0.00	34.29 1.69 0.00	29.62 1.35 0.00
N.QUEENS_27_KV_LOAD 356247	34.92 2.17 0.00	33.73 1.92 0.00	31.39 1.73 0.00	30.21 1.65 0.00	29.11 1.56 0.00	30.93 1.64 0.00	31.08 1.90 0.00	29.36 1.98 0.00	28.48 2.01 0.00	31.71 2.21 0.00	35.50 2.60 0.00	34.61 2.77 0.00	35.41 2.49 -7.92	32.02 3.09 0.00	34.35 3.38 -0.01	38.76 3.12 -7.13	59.63 2.58 -32.12	1382.06 3.00 -1345.18	163.78 2.89 -128.73	34.25 2.81 -0.24	34.48 2.70 0.00	32.94 2.57 -0.02	35.14 2.24 -0.30	31.27 1.82 -1.18
N.TROY___115KV_TB1 355778	34.13 1.38 0.00	33.22 1.41 0.00	30.96 1.31 0.00	29.83 1.27 0.00	28.79 1.24 0.00	30.56 1.27 0.00	30.47 1.29 0.00	28.51 1.14 0.00	27.46 1.00 0.00	30.63 1.14 0.00	34.17 1.27 0.00	33.25 1.41 0.00	28.11 1.27 -1.84	30.35 1.43 0.00	32.47 1.51 0.00	29.73 1.21 0.00	25.98 1.05 0.00	35.66 1.06 -0.72	33.47 1.30 0.00	32.63 1.40 -0.03	33.23 1.45 0.00	31.72 1.37 0.00	33.60 1.01 0.00	29.28 1.02 0.00
NARROWS_GT1_1 24228	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT1_2 24229	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT1_3 24230	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT1_4 24231	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT1_5 24232	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT1_6 24233	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT1_7 24234	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT1_8 24235	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT2_1 24236	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT2_2 24237	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT2_3 24238	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT2_4 24239	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18

NARROWS_GT2_5 24240	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT2_6 24241	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT2_7 24242	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NARROWS_GT2_8 24243	34.97 2.22 0.00	33.74 1.94 0.00	31.45 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.94 1.65 0.00	31.07 1.88 0.00	29.35 1.97 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.60 0.00	34.62 2.77 0.00	35.47 2.55 -7.92	32.06 3.14 0.00	34.39 3.42 0.00	38.87 3.23 -7.12	59.71 2.66 -32.12	1382.16 3.10 -1345.18	163.87 2.98 -128.73	34.30 2.87 -0.24	34.53 2.75 0.00	33.03 2.65 -0.02	35.25 2.35 -0.31	31.36 1.91 -1.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.37 1.62 0.00	33.42 1.62 0.00	31.14 1.49 0.00	29.99 1.43 0.00	28.95 1.40 0.00	30.71 1.43 0.00	30.68 1.49 0.00	28.72 1.34 0.00	27.64 1.17 0.00	30.86 1.36 0.00	34.41 1.51 0.00	33.39 1.54 0.00	27.74 1.38 -1.37	30.48 1.55 0.00	32.69 1.73 0.00	29.87 1.35 0.00	26.11 1.18 0.00	35.66 1.29 -0.48	33.79 1.62 0.00	32.75 1.56 0.00	33.37 1.58 0.00	31.83 1.48 0.00	33.69 1.10 0.00	29.29 1.02 0.00
NCHELSEA_115KV_TR2 355582	34.76 2.01 0.00	33.57 1.76 0.00	31.23 1.58 0.00	30.07 1.51 0.00	28.99 1.44 0.00	30.81 1.52 0.00	30.91 1.73 0.00	29.11 1.73 0.00	28.18 1.71 0.00	31.43 1.94 0.00	35.19 2.29 0.00	34.29 2.44 0.00	27.24 2.24 0.00	31.70 2.77 0.00	33.99 3.03 0.00	31.36 2.85 0.00	27.33 2.40 0.00	37.26 2.85 -0.53	34.92 2.75 0.00	33.79 2.60 0.00	34.29 2.51 0.00	32.70 2.34 0.00	34.60 2.01 0.00	29.95 1.68 0.00
NEG CAPITAL___MECHNVIL 23645	34.71 1.96 0.00	33.70 1.90 0.00	31.41 1.76 0.00	30.23 1.67 0.00	29.19 1.65 0.00	30.99 1.71 0.00	30.96 1.78 0.00	29.02 1.64 0.00	27.99 1.52 0.00	31.25 1.75 0.00	34.84 1.94 0.00	33.90 2.05 0.00	28.52 1.74 -1.78	30.90 1.98 0.00	33.08 2.12 0.00	30.38 1.87 0.00	26.58 1.65 0.00	36.49 1.92 -0.69	34.24 2.07 0.00	33.32 2.10 -0.03	33.98 2.19 0.00	32.41 2.05 0.00	34.33 1.74 0.00	29.87 1.60 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.97 -0.78 0.00	30.89 -0.91 0.00	28.85 -0.80 0.00	27.76 -0.80 0.00	26.84 -0.71 0.00	28.65 -0.63 0.00	28.64 -0.55 0.00	26.73 -0.64 0.00	25.96 -0.50 0.00	28.97 -0.52 0.00	32.29 -0.61 0.00	31.25 -0.60 0.00	24.72 -0.27 0.00	28.69 -0.24 0.00	30.75 -0.22 0.00	28.50 -0.01 0.00	24.98 0.05 0.00	34.03 0.14 0.00	32.39 0.22 0.00	31.33 0.13 0.00	32.02 0.24 0.00	30.66 0.31 0.00	32.75 0.16 0.00	28.41 0.14 0.00
NEG CENTRAL___DRP 24199	32.75 0.00 0.00	31.61 -0.19 0.00	29.49 -0.16 0.00	28.41 -0.15 0.00	27.48 -0.07 0.00	29.26 -0.03 0.00	29.27 0.08 0.00	27.45 0.07 0.00	26.65 0.19 0.00	29.68 0.19 0.00	33.08 0.18 0.00	32.00 0.15 0.00	25.31 0.31 0.00	29.37 0.44 0.00	31.43 0.47 0.00	29.11 0.60 0.00	25.50 0.58 0.00	34.54 0.66 0.00	32.89 0.72 0.00	31.89 0.70 0.00	32.56 0.78 0.00	31.13 0.78 0.00	33.22 0.63 0.00	28.77 0.50 0.00
NEG CENTRAL___INDECK 23768	33.69 0.94 0.00	32.43 0.62 0.00	30.30 0.64 0.00	29.11 0.55 0.00	28.15 0.61 0.00	30.09 0.80 0.00	30.10 0.92 0.00	28.00 0.62 0.00	27.16 0.69 0.00	30.22 0.73 0.00	33.60 0.70 0.00	32.27 0.42 0.00	25.70 0.70 0.00	29.82 0.90 0.00	31.84 0.87 0.00	29.66 1.15 0.00	26.06 1.14 0.00	35.65 1.76 0.00	33.88 1.71 0.00	32.95 1.75 0.00	33.91 2.12 0.00	32.60 2.25 0.00	34.81 2.21 0.00	30.20 1.94 0.00
NEG CENTRAL___SENECA 23627	32.91 0.16 0.00	31.68 -0.12 0.00	29.58 -0.08 0.00	28.49 -0.07 0.00	27.57 0.02 0.00	29.38 0.10 0.00	29.41 0.23 0.00	27.60 0.22 0.00	26.83 0.36 0.00	29.88 0.39 0.00	33.27 0.37 0.00	32.14 0.29 0.00	25.48 0.48 0.00	29.56 0.64 0.00	31.66 0.69 0.00	29.36 0.84 0.00	25.72 0.80 0.00	34.83 0.94 0.00	33.18 1.01 0.00	32.13 0.94 0.00	32.85 1.07 0.00	31.41 1.06 0.00	33.50 0.91 0.00	29.02 0.75 0.00
NEG CENTRAL___STATE_STREET 24147	32.88 0.14 0.00	32.03 0.22 0.00	29.83 0.18 0.00	28.78 0.21 0.00	27.82 0.27 0.00	29.47 0.19 0.00	29.43 0.24 0.00	27.61 0.23 0.00	26.80 0.33 0.00	29.74 0.24 0.00	33.24 0.34 0.00	32.20 0.35 0.00	25.44 0.44 0.00	29.52 0.59 0.00	31.56 0.59 0.00	29.17 0.66 0.00	25.55 0.63 0.00	34.60 0.71 0.00	32.86 0.69 0.00	31.96 0.77 0.00	32.59 0.81 0.00	31.16 0.81 0.00	33.28 0.69 0.00	28.75 0.49 0.00
NEG MILLWOOD___DRP 24198	34.86 2.11 0.00	33.67 1.86 0.00	31.32 1.66 0.00	30.15 1.59 0.00	29.07 1.52 0.00	30.88 1.59 0.00	31.00 1.81 0.00	29.22 1.84 0.00	28.30 1.83 0.00	31.58 2.08 0.00	35.36 2.46 0.00	34.47 2.62 0.00	30.34 2.42 -2.93	31.91 2.99 0.00	34.23 3.26 0.00	31.58 3.07 0.00	27.51 2.58 0.00	38.27 3.08 -1.31	35.12 2.95 0.00	34.02 2.78 -0.05	34.46 2.68 0.00	32.84 2.49 0.00	34.75 2.16 0.00	30.06 1.79 0.00
NEG NORTH_FLCN_SEA 23793	33.56 0.81 0.00	32.70 0.90 0.00	30.46 0.80 0.00	29.39 0.83 0.00	28.35 0.80 0.00	30.01 0.72 0.00	29.88 0.70 0.00	28.02 0.65 0.00	26.99 0.52 0.00	30.14 0.65 0.00	33.98 1.08 0.00	32.57 0.72 0.00	25.23 0.23 0.00	29.02 0.09 0.00	31.00 0.03 0.00	28.53 0.02 0.00	25.02 0.09 0.00	34.24 0.35 0.00	32.64 0.47 0.00	31.68 0.49 0.00	32.29 0.51 0.00	30.78 0.43 0.00	33.30 0.71 0.00	28.98 0.71 0.00
NEG NORTH_KES_CHATEGAY 23792	33.19 0.43 0.00	32.34 0.53 0.00	30.14 0.48 0.00	29.07 0.51 0.00	28.02 0.47 0.00	29.71 0.42 0.00	29.52 0.33 0.00	27.69 0.31 0.00	26.70 0.24 0.00	29.79 0.30 0.00	33.42 0.52 0.00	32.09 0.24 0.00	24.82 -0.18 0.00	28.55 -0.37 0.00	30.55 -0.42 0.00	28.14 -0.38 0.00	24.66 -0.27 0.00	33.80 -0.08 0.00	32.12 -0.05 0.00	31.16 -0.03 0.00	31.75 -0.03 0.00	30.28 -0.07 0.00	32.91 0.32 0.00	28.56 0.30 0.00



NEG NORTH___ALICE_FALLS 23915	33.60 0.85 0.00	32.71 0.91 0.00	30.47 0.81 0.00	29.39 0.83 0.00	28.34 0.80 0.00	30.03 0.74 0.00	29.91 0.72 0.00	28.06 0.68 0.00	27.04 0.58 0.00	30.20 0.70 0.00	34.15 1.25 0.00	32.64 0.79 0.00	25.26 0.26 0.00	29.05 0.12 0.00	31.02 0.05 0.00	28.58 0.07 0.00	25.08 0.16 0.00	34.35 0.46 0.00	32.76 0.59 0.00	31.82 0.62 0.00	32.42 0.64 0.00	30.90 0.55 0.00	33.43 0.84 0.00	29.06 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	33.60 0.85 0.00	32.71 0.91 0.00	30.47 0.81 0.00	29.39 0.83 0.00	28.34 0.80 0.00	30.03 0.74 0.00	29.91 0.72 0.00	28.06 0.68 0.00	27.04 0.58 0.00	30.20 0.70 0.00	34.15 1.25 0.00	32.64 0.79 0.00	25.26 0.26 0.00	29.05 0.12 0.00	31.02 0.05 0.00	28.58 0.07 0.00	25.08 0.16 0.00	34.35 0.46 0.00	32.76 0.59 0.00	31.82 0.62 0.00	32.42 0.64 0.00	30.90 0.55 0.00	33.43 0.84 0.00	29.06 0.79 0.00
NEG NORTH___PLATTSBURG 23628	33.60 0.85 0.00	32.71 0.91 0.00	30.47 0.81 0.00	29.39 0.83 0.00	28.34 0.80 0.00	30.03 0.74 0.00	29.91 0.72 0.00	28.06 0.68 0.00	27.04 0.58 0.00	30.20 0.70 0.00	34.15 1.25 0.00	32.64 0.79 0.00	25.26 0.26 0.00	29.05 0.12 0.00	31.02 0.05 0.00	28.58 0.07 0.00	25.09 0.16 0.00	34.35 0.46 0.00	32.76 0.59 0.00	31.81 0.62 0.00	32.42 0.64 0.00	30.90 0.55 0.00	33.43 0.84 0.00	29.06 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	32.02 -0.73 0.00	30.93 -0.87 0.00	29.00 -0.66 0.00	27.88 -0.67 0.00	27.00 -0.55 0.00	28.88 -0.41 0.00	28.76 -0.42 0.00	26.49 -0.88 0.00	25.77 -0.70 0.00	28.75 -0.75 0.00	31.96 -0.94 0.00	30.90 -0.95 0.00	24.60 -0.40 0.00	28.61 -0.32 0.00	30.63 -0.34 0.00	28.62 0.11 0.00	25.11 0.19 0.00	34.26 0.37 0.00	32.62 0.45 0.00	31.43 0.24 0.00	32.37 0.59 0.00	31.16 0.81 0.00	33.41 0.82 0.00	29.15 0.88 0.00
NEG WEST___LANCASTR 23811	32.39 -0.36 0.00	31.23 -0.57 0.00	29.25 -0.40 0.00	28.12 -0.44 0.00	27.22 -0.33 0.00	29.06 -0.22 0.00	29.05 -0.14 0.00	26.93 -0.44 0.00	26.20 -0.26 0.00	29.30 -0.19 0.00	32.58 -0.31 0.00	31.40 -0.45 0.00	24.97 -0.03 0.00	29.12 0.19 0.00	31.21 0.25 0.00	29.12 0.61 0.00	25.48 0.55 0.00	34.75 0.86 0.00	33.03 0.86 0.00	31.80 0.61 0.00	32.65 0.87 0.00	31.39 1.03 0.00	33.61 1.02 0.00	29.21 0.95 0.00
NEG_PENN_ALLEGHNY 23528	33.02 0.27 0.00	31.90 0.09 0.00	29.76 0.11 0.00	28.62 0.06 0.00	27.64 0.09 0.00	29.40 0.11 0.00	29.46 0.28 0.00	27.60 0.22 0.00	26.77 0.30 0.00	29.87 0.38 0.00	33.27 0.37 0.00	32.16 0.31 0.00	25.43 0.43 0.00	29.62 0.70 0.00	31.76 0.80 0.00	29.32 0.80 0.00	25.58 0.66 0.00	34.72 0.84 0.00	32.96 0.79 0.00	31.90 0.71 0.00	32.56 0.78 0.00	31.12 0.76 0.00	33.22 0.62 0.00	28.76 0.50 0.00
NEG___GEN_MONROE 24207	32.69 -0.06 0.00	31.59 -0.22 0.00	29.51 -0.14 0.00	28.39 -0.17 0.00	27.48 -0.07 0.00	29.31 0.02 0.00	29.27 0.08 0.00	27.22 -0.15 0.00	26.46 0.00 0.00	29.56 0.07 0.00	32.91 0.01 0.00	31.83 -0.02 0.00	25.22 0.22 0.00	29.31 0.38 0.00	31.37 0.41 0.00	29.16 0.65 0.00	25.55 0.63 0.00	34.86 0.97 0.00	33.23 1.06 0.00	32.07 0.87 0.00	32.89 1.10 0.00	31.55 1.20 0.00	33.71 1.12 0.00	29.30 1.03 0.00
NEPA___ENERGY 23901	32.55 -0.20 0.00	31.33 -0.47 0.00	29.33 -0.32 0.00	28.20 -0.36 0.00	27.28 -0.26 0.00	28.93 -0.36 0.00	29.05 -0.13 0.00	26.98 -0.40 0.00	26.32 -0.14 0.00	29.46 -0.04 0.00	32.79 -0.11 0.00	31.57 -0.28 0.00	25.07 0.07 0.00	29.38 0.45 0.00	31.45 0.49 0.00	29.31 0.79 0.00	25.58 0.65 0.00	34.83 0.95 0.00	33.02 0.85 0.00	31.79 0.59 0.00	32.63 0.85 0.00	31.33 0.97 0.00	33.54 0.95 0.00	29.08 0.82 0.00
NEVERSINK___HYD 23608	34.13 1.38 0.00	32.89 1.09 0.00	30.58 0.92 0.00	29.42 0.86 0.00	28.35 0.81 0.00	30.15 0.86 0.00	30.26 1.08 0.00	28.53 1.15 0.00	27.63 1.17 0.00	30.83 1.34 0.00	34.46 1.56 0.00	33.62 1.77 0.00	25.49 1.65 1.16	30.85 1.93 0.00	32.31 1.34 0.00	29.89 1.38 0.00	26.19 1.26 0.00	34.77 1.34 0.45	33.48 1.32 0.00	32.47 1.28 0.00	33.82 2.04 0.00	32.27 1.92 0.00	34.19 1.60 0.00	29.49 1.22 0.00
NEWKRMKL_115KV_TB1 55635	33.56 0.82 0.00	32.62 0.82 0.00	30.40 0.74 0.00	29.28 0.72 0.00	28.25 0.71 0.00	30.00 0.71 0.00	29.95 0.77 0.00	28.05 0.68 0.00	27.06 0.60 0.00	30.20 0.70 0.00	33.72 0.83 0.00	32.80 0.95 0.00	27.73 0.93 -1.80	30.01 1.08 0.00	32.12 1.15 0.00	29.40 0.89 0.00	25.68 0.75 0.00	35.24 0.67 -0.69	32.98 0.81 0.00	32.07 0.85 -0.03	32.62 0.84 0.00	31.12 0.77 0.00	32.99 0.40 0.00	28.71 0.45 0.00
NEWTON___FALLS_HYD 23847	33.20 0.45 0.00	32.21 0.40 0.00	29.96 0.30 0.00	28.87 0.30 0.00	27.78 0.23 0.00	29.40 0.12 0.00	29.21 0.02 0.00	27.36 -0.02 0.00	26.47 0.01 0.00	29.53 0.04 0.00	32.76 -0.14 0.00	31.70 -0.15 0.00	24.36 -0.64 0.00	28.13 -0.79 0.00	30.06 -0.90 0.00	27.56 -0.96 0.00	24.05 -0.88 0.00	33.18 -0.70 0.00	31.62 -0.55 0.00	30.60 -0.59 0.00	31.19 -0.59 0.00	29.94 -0.41 0.00	32.95 0.36 0.00	28.56 0.29 0.00
NGRID_A1_DSASP 323792	31.49 -1.27 0.00	30.42 -1.38 0.00	28.53 -1.12 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.33 -1.56 0.00	30.24 -1.61 0.00	24.08 -0.92 0.00	27.98 -0.94 0.00	29.98 -0.98 0.00	28.00 -0.52 0.00	24.56 -0.37 0.00	33.46 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.48 0.00	31.66 -0.12 0.00	30.65 0.30 0.00	32.90 0.31 0.00	28.80 0.53 0.00
NGRID_A2_DSASP 323793	31.49 -1.27 0.00	30.42 -1.38 0.00	28.53 -1.12 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.33 -1.56 0.00	30.24 -1.61 0.00	24.08 -0.92 0.00	27.98 -0.94 0.00	29.98 -0.98 0.00	28.00 -0.52 0.00	24.56 -0.37 0.00	33.46 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.48 0.00	31.66 -0.12 0.00	30.65 0.30 0.00	32.90 0.31 0.00	28.80 0.53 0.00
NGRID_A4_DSASP 323807	31.48 -1.27 0.00	30.42 -1.38 0.00	28.54 -1.11 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.32 -1.58 0.00	30.20 -1.65 0.00	24.07 -0.93 0.00	27.97 -0.96 0.00	29.95 -1.02 0.00	27.97 -0.54 0.00	24.54 -0.39 0.00	33.45 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.47 0.00	31.67 -0.11 0.00	30.65 0.30 0.00	32.91 0.31 0.00	28.80 0.53 0.00
NIAGARA_115E_LBMP 323715	31.52 -1.24 0.00	30.52 -1.29 0.00	28.61 -1.04 0.00	27.52 -1.04 0.00	26.64 -0.91 0.00	28.50 -0.78 0.00	28.35 -0.83 0.00	26.02 -1.35 0.00	25.29 -1.17 0.00	28.19 -1.30 0.00	31.35 -1.54 0.00	30.36 -1.49 0.00	24.17 -0.83 0.00	28.09 -0.83 0.00	30.10 -0.86 0.00	28.11 -0.40 0.00	24.68 -0.25 0.00	33.60 -0.28 0.00	32.01 -0.16 0.00	30.84 -0.35 0.00	31.80 0.01 0.00	30.61 0.26 0.00	32.86 0.27 0.00	28.70 0.43 0.00

NIAGARA_115W_LBMP 323714	31.42 -1.33 0.00	30.36 -1.45 0.00	28.47 -1.18 0.00	27.39 -1.16 0.00	26.52 -1.03 0.00	28.35 -0.94 0.00	28.21 -0.98 0.00	26.01 -1.37 0.00	25.29 -1.17 0.00	28.18 -1.32 0.00	31.25 -1.64 0.00	30.16 -1.69 0.00	24.01 -0.99 0.00	27.90 -1.03 0.00	29.91 -1.05 0.00	27.92 -0.59 0.00	24.50 -0.43 0.00	33.36 -0.53 0.00	31.79 -0.38 0.00	30.64 -0.56 0.00	31.57 -0.21 0.00	30.57 0.22 0.00	32.83 0.24 0.00	28.75 0.48 0.00
NIAGARA_230_LBMP 323716	31.65 -1.10 0.00	30.57 -1.24 0.00	28.66 -0.99 0.00	27.58 -0.99 0.00	26.69 -0.85 0.00	28.54 -0.75 0.00	28.40 -0.78 0.00	26.21 -1.16 0.00	25.48 -0.98 0.00	28.41 -1.08 0.00	31.59 -1.31 0.00	30.54 -1.31 0.00	24.30 -0.70 0.00	28.25 -0.68 0.00	30.27 -0.69 0.00	28.27 -0.25 0.00	24.77 -0.15 0.00	33.77 -0.11 0.00	32.17 -0.01 0.00	30.98 -0.21 0.00	31.90 0.12 0.00	30.75 0.40 0.00	32.99 0.40 0.00	28.79 0.53 0.00
NIAGARA__115KV_198_GIBSON 55903	31.42 -1.33 0.00	30.36 -1.45 0.00	28.48 -1.17 0.00	27.40 -1.16 0.00	26.52 -1.03 0.00	28.35 -0.94 0.00	28.21 -0.98 0.00	26.01 -1.37 0.00	25.29 -1.18 0.00	28.18 -1.32 0.00	31.25 -1.65 0.00	30.13 -1.72 0.00	24.00 -1.00 0.00	27.89 -1.04 0.00	29.85 -1.11 0.00	27.90 -0.61 0.00	24.47 -0.46 0.00	33.35 -0.53 0.00	31.78 -0.39 0.00	30.64 -0.56 0.00	31.58 -0.20 0.00	30.57 0.22 0.00	32.83 0.24 0.00	28.75 0.48 0.00
NIAGARA____ 23760	31.51 -1.24 0.00	30.48 -1.33 0.00	28.57 -1.08 0.00	27.49 -1.07 0.00	26.61 -0.94 0.00	28.46 -0.83 0.00	28.33 -0.85 0.00	26.11 -1.26 0.00	25.38 -1.08 0.00	28.31 -1.19 0.00	31.45 -1.45 0.00	30.39 -1.46 0.00	24.19 -0.81 0.00	28.11 -0.81 0.00	30.13 -0.83 0.00	28.13 -0.39 0.00	24.67 -0.26 0.00	33.62 -0.27 0.00	32.02 -0.15 0.00	30.86 -0.33 0.00	31.78 0.00 0.00	30.67 0.32 0.00	32.91 0.32 0.00	28.74 0.47 0.00
NINE_MILE_1 23575	31.67 -1.08 0.00	30.68 -1.13 0.00	28.61 -1.04 0.00	27.55 -1.02 0.00	26.59 -0.96 0.00	28.29 -1.00 0.00	28.24 -0.95 0.00	26.46 -0.92 0.00	25.59 -0.88 0.00	28.52 -0.97 0.00	31.81 -1.08 0.00	30.81 -1.03 0.00	24.27 -0.73 0.00	28.12 -0.80 0.00	30.11 -0.86 0.00	27.76 -0.76 0.00	24.28 -0.65 0.00	32.98 -0.90 0.00	31.37 -0.80 0.00	30.40 -0.79 0.00	31.01 -0.77 0.00	29.63 -0.73 0.00	31.71 -0.88 0.00	27.49 -0.77 0.00
NINE_MILE_2 23744	31.67 -1.08 0.00	30.68 -1.12 0.00	28.61 -1.04 0.00	27.55 -1.02 0.00	26.59 -0.96 0.00	28.30 -0.99 0.00	28.24 -0.95 0.00	26.46 -0.92 0.00	25.59 -0.87 0.00	28.52 -0.97 0.00	31.81 -1.08 0.00	30.81 -1.03 0.00	24.27 -0.73 0.00	28.12 -0.80 0.00	30.11 -0.86 0.00	27.76 -0.76 0.00	24.28 -0.65 0.00	32.98 -0.90 0.00	31.37 -0.80 0.00	30.40 -0.79 0.00	31.01 -0.77 0.00	29.63 -0.73 0.00	31.71 -0.88 0.00	27.49 -0.77 0.00
NM_CAPITAL____DRP 24208	33.64 0.89 0.00	32.72 0.91 0.00	30.49 0.84 0.00	29.38 0.81 0.00	28.35 0.80 0.00	30.08 0.79 0.00	30.01 0.83 0.00	28.10 0.72 0.00	27.09 0.63 0.00	30.22 0.73 0.00	33.74 0.85 0.00	32.83 0.98 0.00	27.78 0.95 -1.83	30.02 1.09 0.00	32.13 1.17 0.00	29.40 0.89 0.00	25.67 0.75 0.00	35.23 0.65 -0.71	32.98 0.81 0.00	32.10 0.88 -0.03	32.65 0.87 0.00	31.16 0.81 0.00	33.03 0.44 0.00	28.76 0.50 0.00
NM_CENTRAL____DRP 24181	32.37 -0.38 0.00	31.31 -0.49 0.00	29.20 -0.45 0.00	28.09 -0.47 0.00	27.12 -0.43 0.00	28.90 -0.39 0.00	28.86 -0.32 0.00	27.02 -0.36 0.00	26.14 -0.33 0.00	29.16 -0.33 0.00	32.53 -0.37 0.00	31.51 -0.34 0.00	24.87 -0.13 0.00	28.85 -0.07 0.00	30.87 -0.10 0.00	28.47 -0.05 0.00	24.90 -0.03 0.00	33.84 -0.04 0.00	32.19 0.02 0.00	31.18 -0.02 0.00	31.81 0.03 0.00	30.38 0.03 0.00	32.45 -0.15 0.00	28.11 -0.15 0.00
NM_FRONTIER____DRP 24179	31.42 -1.33 0.00	30.36 -1.45 0.00	28.48 -1.17 0.00	27.40 -1.16 0.00	26.52 -1.03 0.00	28.35 -0.94 0.00	28.21 -0.98 0.00	26.01 -1.37 0.00	25.29 -1.18 0.00	28.18 -1.32 0.00	31.25 -1.65 0.00	30.13 -1.72 0.00	24.00 -1.00 0.00	27.89 -1.04 0.00	29.85 -1.11 0.00	27.90 -0.61 0.00	24.47 -0.46 0.00	33.35 -0.53 0.00	31.78 -0.39 0.00	30.64 -0.56 0.00	31.58 -0.20 0.00	30.57 0.22 0.00	32.83 0.24 0.00	28.75 0.48 0.00
NM_ST_REGIS____HYD 24053	33.35 0.60 0.00	32.39 0.59 0.00	30.12 0.47 0.00	29.05 0.49 0.00	27.94 0.39 0.00	29.54 0.26 0.00	29.23 0.05 0.00	27.37 -0.01 0.00	26.45 -0.02 0.00	29.51 0.02 0.00	32.83 -0.07 0.00	31.67 -0.18 0.00	24.09 -0.91 0.00	27.73 -1.20 0.00	29.67 -1.30 0.00	27.32 -1.20 0.00	23.92 -1.00 0.00	32.92 -0.97 0.00	31.24 -0.93 0.00	30.25 -0.94 0.00	30.80 -0.98 0.00	29.55 -0.80 0.00	32.91 0.32 0.00	28.57 0.30 0.00
NORTHPORT____1 23551	35.42 2.61 -0.06	35.54 2.51 -1.22	48.53 2.39 -16.49	30.84 2.28 0.00	29.70 2.15 0.00	31.55 2.27 0.00	31.53 2.35 0.00	30.05 2.41 -0.26	28.76 2.29 0.00	32.25 2.47 -0.28	39.74 2.99 -3.86	53.58 3.04 -18.69	52.99 2.70 -25.29	84.77 3.25 -52.60	171.28 3.40 -136.91	53.96 3.09 -22.35	48.33 2.49 -20.91	45.80 2.94 -8.99	41.01 2.84 -6.00	35.70 2.65 -1.85	34.42 2.51 -0.12	34.54 2.55 -1.64	34.92 2.33 0.00	36.83 1.97 -6.60
NORTHPORT____2 23552	35.42 2.61 -0.06	35.54 2.51 -1.22	48.53 2.39 -16.49	30.84 2.28 0.00	29.70 2.15 0.00	31.55 2.27 0.00	31.53 2.35 0.00	30.05 2.41 -0.26	28.76 2.29 0.00	32.25 2.47 -0.28	39.74 2.99 -3.86	53.58 3.04 -18.69	52.99 2.70 -25.29	84.77 3.25 -52.60	171.28 3.40 -136.91	53.96 3.09 -22.35	48.33 2.49 -20.91	45.80 2.94 -8.99	41.01 2.84 -6.00	35.70 2.65 -1.85	34.42 2.51 -0.12	34.54 2.55 -1.64	34.92 2.33 0.00	36.83 1.97 -6.60
NORTHPORT____3 23553	35.28 2.47 -0.06	35.37 2.34 -1.22	48.34 2.20 -16.49	30.63 2.07 0.00	29.52 1.97 0.00	31.39 2.10 0.00	31.38 2.20 0.00	29.89 2.26 -0.26	28.64 2.17 0.00	32.15 2.37 -0.28	39.52 2.77 -3.86	53.41 2.87 -18.69	50.97 2.55 -23.43	84.60 3.08 -52.59	171.16 3.28 -136.91	53.83 2.97 -22.34	43.68 2.49 -16.26	39.95 2.90 -3.16	38.36 2.90 -3.28	29.70 2.66 4.15	33.89 2.40 0.29	34.36 2.42 -1.59	34.69 2.10 0.00	36.64 1.78 -6.60
NORTHPORT____4 23650	35.28 2.47 -0.06	35.37 2.34 -1.22	48.34 2.20 -16.49	30.63 2.07 0.00	29.52 1.97 0.00	31.39 2.10 0.00	31.38 2.20 0.00	29.89 2.26 -0.26	28.64 2.17 0.00	32.15 2.37 -0.28	39.52 2.77 -3.86	53.41 2.87 -18.69	50.97 2.55 -23.43	84.60 3.08 -52.59	171.16 3.28 -136.91	53.83 2.97 -22.34	43.68 2.49 -16.26	39.95 2.90 -3.16	38.36 2.90 -3.28	29.70 2.66 4.15	33.89 2.40 0.29	34.36 2.42 -1.59	34.69 2.10 0.00	36.64 1.78 -6.60
NORTHPORT____IC 23718	35.42 2.61 -0.06	35.54 2.51 -1.22	48.53 2.39 -16.49	30.84 2.28 0.00	29.70 2.15 0.00	31.55 2.27 0.00	31.53 2.35 0.00	30.05 2.41 -0.26	28.76 2.29 0.00	32.25 2.47 -0.28	39.74 2.99 -3.86	53.58 3.04 -18.69	52.99 2.70 -25.29	84.77 3.25 -52.60	171.28 3.40 -136.91	53.96 3.09 -22.35	48.33 2.49 -20.91	45.80 2.94 -8.99	41.01 2.84 -6.00	35.70 2.65 -1.85	34.42 2.51 -0.12	34.54 2.55 -1.64	34.92 2.33 0.00	36.83 1.97 -6.60

NORTH____COUNTRY_ESR 323785	33.12 0.37 0.00	32.28 0.48 0.00	30.10 0.44 0.00	29.03 0.48 0.00	27.99 0.43 0.00	29.65 0.37 0.00	29.46 0.27 0.00	27.64 0.26 0.00	26.67 0.21 0.00	29.75 0.26 0.00	33.37 0.47 0.00	32.06 0.21 0.00	24.80 -0.20 0.00	28.52 -0.40 0.00	30.51 -0.46 0.00	28.11 -0.41 0.00	24.63 -0.29 0.00	33.76 -0.13 0.00	32.08 -0.10 0.00	31.09 -0.10 0.00	31.67 -0.11 0.00	30.21 -0.14 0.00	32.84 0.25 0.00	28.50 0.24 0.00
NPX_GEN_1385_PROXY 323591	31.13 1.66 3.28	34.63 1.61 -1.22	47.97 1.82 -16.49	30.34 1.78 0.00	29.21 1.67 0.00	31.19 1.90 0.00	30.91 1.72 0.00	29.48 1.84 -0.26	28.09 1.63 0.00	31.42 1.65 -0.28	38.82 2.06 -3.86	52.66 2.12 -18.69	8.62 1.96 18.34	50.88 2.39 -19.57	168.33 2.48 -134.88	40.29 2.23 -9.55	30.32 1.74 -3.66	27.78 1.91 8.02	33.30 1.87 0.73	27.04 1.72 5.87	33.57 1.67 -0.12	33.65 1.66 -1.64	33.94 1.35 0.00	35.99 1.13 -6.60
NPX_GEN_CSC 323557	36.06 3.25 -0.06	36.02 3.00 -1.22	49.06 2.92 -16.49	31.39 2.83 0.00	30.23 2.68 0.00	32.16 2.87 0.00	32.08 2.90 0.00	30.63 3.00 -0.26	29.35 2.88 0.00	32.83 3.06 -0.28	40.22 3.46 -3.86	54.06 3.51 -18.70	59.77 3.07 -31.70	85.40 3.86 -52.61	171.94 4.06 -136.91	54.41 3.53 -22.36	65.38 3.02 -37.43	67.25 3.66 -29.71	51.42 3.60 -15.65	57.83 3.42 -23.21	36.65 3.27 -1.60	35.43 3.26 -1.82	35.59 2.99 0.00	37.41 2.55 -6.60
NSINS_S_GLNS_FALLS 23858	34.89 2.14 0.00	33.90 2.09 0.00	31.59 1.94 0.00	30.42 1.86 0.00	29.36 1.82 0.00	31.09 1.81 0.00	31.12 1.94 0.00	29.15 1.78 0.00	28.07 1.60 0.00	31.40 1.91 0.00	34.86 1.96 0.00	33.95 2.11 0.00	28.39 1.64 -1.74	30.76 1.84 0.00	32.88 1.91 0.00	30.26 1.74 0.00	26.46 1.54 0.00	36.24 1.69 -0.67	34.25 2.08 0.00	33.33 2.11 -0.03	34.20 2.43 0.00	32.66 2.31 0.00	34.55 1.96 0.00	30.03 1.77 0.00
NUCOR_STEEL____DRP 24197	32.84 0.09 0.00	31.83 0.02 0.00	29.63 -0.03 0.00	28.58 0.02 0.00	27.62 0.07 0.00	29.45 0.16 0.00	29.40 0.21 0.00	27.58 0.20 0.00	26.77 0.30 0.00	29.68 0.19 0.00	33.21 0.31 0.00	32.17 0.33 0.00	25.41 0.41 0.00	29.49 0.56 0.00	31.51 0.55 0.00	29.12 0.60 0.00	25.50 0.58 0.00	34.55 0.67 0.00	32.79 0.62 0.00	31.91 0.72 0.00	32.53 0.75 0.00	31.12 0.76 0.00	33.24 0.64 0.00	28.71 0.44 0.00
NUMBER_THREE_WT_PWR 323818	33.44 0.69 0.00	32.34 0.53 0.00	30.10 0.44 0.00	28.98 0.42 0.00	27.93 0.38 0.00	29.68 0.39 0.00	29.62 0.44 0.00	27.78 0.41 0.00	26.92 0.46 0.00	30.05 0.55 0.00	33.40 0.50 0.00	32.31 0.47 0.00	25.14 0.14 0.00	29.12 0.19 0.00	31.08 0.12 0.00	28.45 -0.07 0.00	24.74 -0.18 0.00	34.16 0.27 0.00	32.66 0.49 0.00	31.59 0.40 0.00	32.23 0.45 0.00	30.88 0.53 0.00	33.43 0.84 0.00	28.90 0.64 0.00
NYISO_LBMP_REFERENCE 24008	32.75 0.00 0.00	31.80 0.00 0.00	29.65 0.00 0.00	28.56 0.00 0.00	27.55 0.00 0.00	29.29 0.00 0.00	29.19 0.00 0.00	27.38 0.00 0.00	26.46 0.00 0.00	29.49 0.00 0.00	32.90 0.00 0.00	31.85 0.00 0.00	25.00 0.00 0.00	28.93 0.00 0.00	30.97 0.00 0.00	28.52 0.00 0.00	24.93 0.00 0.00	33.88 0.00 0.00	32.17 0.00 0.00	31.19 0.00 0.00	31.78 0.00 0.00	30.35 0.00 0.00	32.59 0.00 0.00	28.27 0.00 0.00
NYPA_BRENTWD____GT 24164	35.96 3.15 -0.06	35.98 2.96 -1.22	48.95 2.81 -16.49	31.22 2.66 0.00	30.07 2.52 0.00	31.96 2.67 0.00	31.95 2.77 0.00	30.48 2.83 -0.26	29.21 2.74 0.00	32.78 3.01 -0.28	40.33 3.57 -3.86	54.23 3.68 -18.69	54.23 3.23 -26.01	85.31 3.78 -52.60	171.79 3.91 -136.91	54.43 3.56 -22.35	50.59 2.95 -22.71	48.71 3.57 -11.25	42.69 3.47 -7.05	38.58 3.19 -4.19	35.05 2.98 -0.28	35.12 3.10 -1.66	35.53 2.94 0.00	37.35 2.49 -6.60
NYPA_GOWANUS____GT5 24156	34.95 2.20 0.00	33.72 1.92 0.00	31.43 1.77 0.00	30.25 1.69 0.00	29.11 1.56 0.00	30.91 1.62 0.00	31.06 1.88 0.00	29.34 1.96 0.00	28.44 1.98 0.00	31.72 2.23 0.00	35.49 2.59 0.00	34.60 2.75 0.00	6.28 2.53 21.24	32.05 3.12 0.00	34.38 3.42 0.00	38.86 3.22 -7.12	59.71 2.66 -32.12	1382.15 3.08 -1345.18	163.86 2.97 -128.73	34.29 2.85 -0.24	34.52 2.74 0.00	33.03 2.65 -0.02	35.23 2.33 -0.31	31.34 1.89 -1.18
NYPA_GOWANUS____GT6 24157	34.95 2.20 0.00	33.72 1.92 0.00	31.43 1.77 0.00	30.25 1.69 0.00	29.11 1.56 0.00	30.91 1.62 0.00	31.06 1.88 0.00	29.34 1.96 0.00	28.44 1.98 0.00	31.72 2.23 0.00	35.49 2.59 0.00	34.60 2.75 0.00	6.28 2.53 21.24	32.05 3.12 0.00	34.38 3.42 0.00	38.86 3.22 -7.12	59.71 2.66 -32.12	1382.15 3.08 -1345.18	163.86 2.97 -128.73	34.29 2.85 -0.24	34.52 2.74 0.00	33.03 2.65 -0.02	35.23 2.33 -0.31	31.34 1.89 -1.18
NYPA_HARLEM_RVR_GT1 24160	34.83 2.08 0.00	33.65 1.85 0.00	31.32 1.66 0.00	30.15 1.59 0.00	29.04 1.49 0.00	30.85 1.57 0.00	31.00 1.82 0.00	29.27 1.90 0.00	28.39 1.93 0.00	31.58 2.09 0.00	35.36 2.46 0.00	34.49 2.64 0.00	35.31 2.39 -7.92	31.90 2.97 0.00	34.20 3.23 0.00	38.64 3.00 -7.12	59.52 2.47 -32.12	1381.92 2.85 -1345.18	163.65 2.75 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.45 -0.02	35.01 2.12 -0.30	31.17 1.72 -1.18
NYPA_HARLEM_RVR_GT2 24161	34.83 2.08 0.00	33.65 1.85 0.00	31.32 1.66 0.00	30.15 1.59 0.00	29.04 1.49 0.00	30.85 1.57 0.00	31.00 1.82 0.00	29.27 1.90 0.00	28.39 1.93 0.00	31.58 2.09 0.00	35.36 2.46 0.00	34.49 2.64 0.00	35.31 2.39 -7.92	31.90 2.97 0.00	34.20 3.23 0.00	38.64 3.00 -7.12	59.52 2.47 -32.12	1381.92 2.85 -1345.18	163.65 2.75 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.45 -0.02	35.01 2.12 -0.30	31.17 1.72 -1.18
NYPA_KENT____GT 24152	34.91 2.16 0.00	33.70 1.90 0.00	31.38 1.73 0.00	30.21 1.65 0.00	29.08 1.54 0.00	30.89 1.60 0.00	31.03 1.84 0.00	29.32 1.95 0.00	28.44 1.97 0.00	31.69 2.20 0.00	35.46 2.56 0.00	34.55 2.71 0.00	35.41 2.49 -7.92	32.00 3.08 0.00	34.32 3.35 0.00	38.80 3.16 -7.12	59.66 2.61 -32.12	1382.09 3.02 -1345.18	163.81 2.91 -128.73	34.23 2.80 -0.24	34.46 2.68 0.00	32.94 2.57 -0.02	35.16 2.27 -0.30	31.30 1.85 -1.18
NYPA_POUCH1____GT 24155	34.93 2.18 0.00	33.69 1.89 0.00	31.43 1.78 0.00	30.28 1.72 0.00	29.10 1.56 0.00	30.88 1.59 0.00	30.98 1.80 0.00	29.07 1.87 0.17	26.45 1.89 1.90	7.52 2.11 24.09	31.58 2.46 3.78	31.66 2.64 2.84	30.20 2.44 -2.76	31.51 3.02 0.44	32.56 3.30 1.71	36.76 3.12 -5.12	37.55 2.57 -10.06	271.35 2.95 -234.51	53.07 2.86 -18.04	33.85 2.77 0.11	34.29 2.65 0.14	32.96 2.58 -0.02	35.17 2.28 -0.31	31.33 1.88 -1.18
NYPA_VERNON____GT2 24162	34.85 2.10 0.00	33.66 1.85 0.00	31.33 1.67 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.85 1.56 0.00	30.99 1.81 0.00	29.29 1.91 0.00	28.41 1.95 0.00	31.65 2.16 0.00	35.40 2.51 0.00	34.50 2.65 0.00	35.38 2.46 -7.92	31.97 3.05 0.00	34.28 3.32 0.00	38.76 3.12 -7.12	59.63 2.59 -32.12	1382.07 3.01 -1345.18	163.78 2.89 -128.73	34.18 2.75 -0.24	34.43 2.65 0.00	32.89 2.52 -0.02	35.08 2.19 -0.30	31.22 1.78 -1.18

NYPA_VERNON____GT3 24163	34.85 2.10 0.00	33.66 1.85 0.00	31.33 1.67 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.85 1.56 0.00	30.99 1.81 0.00	29.29 1.91 0.00	28.41 1.95 0.00	31.65 2.16 0.00	35.40 2.51 0.00	34.50 2.65 0.00	35.38 2.46 -7.92	31.97 3.05 0.00	34.28 3.32 0.00	38.76 3.12 -7.12	59.63 2.59 -32.12	1382.07 3.01 -1345.18	163.78 2.89 -128.73	34.18 2.75 -0.24	34.43 2.65 0.00	32.89 2.52 -0.02	35.08 2.19 -0.30	31.22 1.78 -1.18
NYPA____ASTORIA_CC1 323568	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	28.99 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.35 2.45 0.00	34.45 2.60 0.00	35.33 2.41 -7.92	31.91 2.99 0.00	34.22 3.25 0.00	38.69 3.05 -7.12	59.56 2.52 -32.12	1381.97 2.90 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.11 -0.30	31.16 1.71 -1.18
NYPA____ASTORIA_CC2 323569	34.80 2.05 0.00	33.61 1.80 0.00	31.28 1.62 0.00	30.11 1.55 0.00	28.99 1.45 0.00	30.80 1.51 0.00	30.94 1.75 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.60 2.10 0.00	35.35 2.45 0.00	34.45 2.60 0.00	35.33 2.41 -7.92	31.91 2.99 0.00	34.22 3.25 0.00	38.69 3.05 -7.12	59.56 2.52 -32.12	1381.97 2.90 -1345.18	163.69 2.79 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.46 -0.02	35.01 2.11 -0.30	31.16 1.71 -1.18
NYPA____HOLTSVILL 23794	35.81 3.00 -0.06	35.86 2.83 -1.22	48.85 2.71 -16.49	31.14 2.58 0.00	29.99 2.44 0.00	31.84 2.56 0.00	31.82 2.64 0.00	30.37 2.73 -0.26	29.08 2.61 0.00	32.60 2.83 -0.28	40.06 3.31 -3.86	53.91 3.36 -18.70	59.54 2.98 -31.56	85.15 3.62 -52.61	171.67 3.79 -136.91	54.30 3.42 -22.36	64.38 2.86 -36.59	65.97 3.42 -28.66	50.66 3.33 -15.16	56.46 3.13 -22.14	36.26 2.96 -1.52	35.16 3.00 -1.81	35.36 2.76 0.00	37.19 2.33 -6.60
NYPA____HELLGATE_GT1 24158	34.83 2.08 0.00	33.65 1.85 0.00	31.32 1.66 0.00	30.15 1.59 0.00	29.04 1.49 0.00	30.85 1.57 0.00	31.00 1.82 0.00	29.27 1.90 0.00	28.39 1.93 0.00	31.60 2.11 0.00	35.38 2.48 0.00	34.49 2.64 0.00	35.31 2.39 -7.92	31.90 2.97 0.00	34.20 3.23 0.00	38.64 3.00 -7.12	59.52 2.47 -32.12	1381.92 2.85 -1345.18	163.65 2.75 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.45 -0.02	35.01 2.12 -0.30	31.18 1.73 -1.18
NYPA____HELLGATE_GT2 24159	34.83 2.08 0.00	33.65 1.85 0.00	31.32 1.66 0.00	30.15 1.59 0.00	29.04 1.49 0.00	30.85 1.57 0.00	31.00 1.82 0.00	29.27 1.90 0.00	28.39 1.93 0.00	31.60 2.11 0.00	35.38 2.48 0.00	34.49 2.64 0.00	35.31 2.39 -7.92	31.90 2.97 0.00	34.20 3.23 0.00	38.64 3.00 -7.12	59.52 2.47 -32.12	1381.92 2.85 -1345.18	163.65 2.75 -128.73	34.12 2.68 -0.24	34.36 2.58 0.00	32.83 2.45 -0.02	35.01 2.12 -0.30	31.18 1.73 -1.18
NYS_BARGE____HYD 23848	32.03 -0.72 0.00	30.96 -0.85 0.00	29.01 -0.64 0.00	27.91 -0.65 0.00	27.01 -0.54 0.00	28.90 -0.39 0.00	28.78 -0.40 0.00	26.50 -0.88 0.00	25.78 -0.69 0.00	28.75 -0.74 0.00	31.98 -0.91 0.00	30.94 -0.91 0.00	24.62 -0.38 0.00	28.62 -0.30 0.00	30.68 -0.28 0.00	28.65 0.14 0.00	25.15 0.22 0.00	34.27 0.38 0.00	32.64 0.47 0.00	31.45 0.26 0.00	32.39 0.61 0.00	31.18 0.83 0.00	33.43 0.84 0.00	29.16 0.90 0.00
OAK ORCHARD____HYD 24046	32.47 -0.29 0.00	31.39 -0.42 0.00	29.34 -0.31 0.00	28.22 -0.34 0.00	27.29 -0.26 0.00	29.11 -0.18 0.00	29.05 -0.13 0.00	27.05 -0.32 0.00	26.28 -0.19 0.00	29.35 -0.15 0.00	32.69 -0.21 0.00	31.63 -0.22 0.00	25.05 0.05 0.00	29.08 0.16 0.00	31.17 0.20 0.00	28.94 0.43 0.00	25.36 0.43 0.00	34.57 0.69 0.00	32.91 0.74 0.00	31.79 0.60 0.00	32.57 0.78 0.00	31.23 0.88 0.00	33.38 0.79 0.00	29.00 0.73 0.00
OAKDALE____35_KV_LOAD 356122	32.91 0.16 0.00	31.79 -0.01 0.00	29.66 0.01 0.00	28.53 -0.03 0.00	27.56 0.01 0.00	29.31 0.03 0.00	29.37 0.19 0.00	27.51 0.13 0.00	26.67 0.20 0.00	29.76 0.26 0.00	33.16 0.26 0.00	32.05 0.20 0.00	25.34 0.34 0.00	29.51 0.58 0.00	31.62 0.66 0.00	29.20 0.68 0.00	25.47 0.55 0.00	34.56 0.68 0.00	32.81 0.64 0.00	31.76 0.57 0.00	32.43 0.65 0.00	30.99 0.64 0.00	33.09 0.50 0.00	28.66 0.40 0.00
OCC_CHEM____DRP 24175	31.48 -1.27 0.00	30.42 -1.38 0.00	28.54 -1.11 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.32 -1.58 0.00	30.20 -1.65 0.00	24.07 -0.93 0.00	27.97 -0.96 0.00	29.95 -1.02 0.00	27.97 -0.54 0.00	24.54 -0.39 0.00	33.45 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.47 0.00	31.67 -0.11 0.00	30.65 0.30 0.00	32.91 0.31 0.00	28.80 0.53 0.00
OH_GEN_PROXY 24063	31.66 -1.09 0.00	30.58 -1.23 0.00	28.67 -0.98 0.00	27.59 -0.98 0.00	26.70 -0.84 0.00	28.54 -0.75 0.00	28.42 -0.76 0.00	26.26 -1.12 0.00	25.53 -0.94 0.00	28.47 -1.02 0.00	31.65 -1.25 0.00	30.59 -1.26 0.00	24.14 -0.67 0.19	28.30 -0.63 0.00	30.33 -0.63 0.00	28.31 -0.21 0.00	24.80 -0.13 0.00	33.81 -0.07 0.00	32.20 0.03 0.00	31.02 -0.18 0.00	31.91 0.13 0.00	30.76 0.41 0.00	32.99 0.39 0.00	28.77 0.51 0.00
OLIN_CORP_DRP 24177	31.56 -1.19 0.00	30.55 -1.26 0.00	28.65 -1.01 0.00	27.55 -1.01 0.00	26.67 -0.88 0.00	28.53 -0.76 0.00	28.38 -0.80 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.41 -1.49 0.00	30.38 -1.47 0.00	24.21 -0.79 0.00	28.13 -0.79 0.00	30.12 -0.84 0.00	28.15 -0.36 0.00	24.69 -0.23 0.00	33.66 -0.23 0.00	32.07 -0.10 0.00	30.90 -0.29 0.00	31.86 0.08 0.00	30.67 0.31 0.00	32.92 0.32 0.00	28.74 0.48 0.00
OLIN_CORP_DSASP 323712	31.49 -1.27 0.00	30.42 -1.38 0.00	28.53 -1.12 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.33 -1.56 0.00	30.24 -1.61 0.00	24.08 -0.92 0.00	27.98 -0.94 0.00	29.98 -0.98 0.00	28.00 -0.52 0.00	24.56 -0.37 0.00	33.46 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.48 0.00	31.66 -0.12 0.00	30.65 0.30 0.00	32.90 0.31 0.00	28.80 0.53 0.00
ONEIDA_HERK_LFGE 323681	33.50 0.74 0.00	32.35 0.55 0.00	30.13 0.48 0.00	29.00 0.44 0.00	27.99 0.44 0.00	29.85 0.56 0.00	29.83 0.64 0.00	27.98 0.60 0.00	27.15 0.68 0.00	30.29 0.79 0.00	33.78 0.88 0.00	32.68 0.84 0.00	25.64 0.64 0.00	29.73 0.81 0.00	31.80 0.83 0.00	29.22 0.71 0.00	25.50 0.58 0.00	34.80 0.91 0.00	33.16 1.00 0.00	32.13 0.94 0.00	32.78 1.00 0.00	31.30 0.95 0.00	33.54 0.95 0.00	29.01 0.74 0.00
ONEIDA____115KV_TB4 55905	33.52 0.77 0.00	32.35 0.54 0.00	30.14 0.49 0.00	29.00 0.44 0.00	27.99 0.44 0.00	29.87 0.58 0.00	29.88 0.69 0.00	28.02 0.64 0.00	27.18 0.71 0.00	30.33 0.84 0.00	33.82 0.93 0.00	32.73 0.88 0.00	25.75 0.75 0.00	29.92 0.99 0.00	32.02 1.06 0.00	29.45 0.94 0.00	25.72 0.80 0.00	35.01 1.13 0.00	33.33 1.16 0.00	32.33 1.14 0.00	33.03 1.25 0.00	31.53 1.17 0.00	33.66 1.07 0.00	29.10 0.84 0.00

ONONDAGA_REF_OCCRA 23987	32.59 -0.16 0.00	31.51 -0.30 0.00	29.38 -0.27 0.00	28.27 -0.29 0.00	27.29 -0.26 0.00	29.07 -0.22 0.00	29.06 -0.12 0.00	27.22 -0.16 0.00	26.34 -0.12 0.00	29.38 -0.12 0.00	32.78 -0.12 0.00	31.74 -0.12 0.00	25.04 0.05 0.00	29.08 0.15 0.00	31.11 0.14 0.00	28.68 0.16 0.00	25.08 0.16 0.00	34.11 0.22 0.00	32.44 0.27 0.00	31.42 0.23 0.00	32.07 0.28 0.00	30.62 0.27 0.00	32.69 0.10 0.00	28.32 0.05 0.00
ONONDAGA___COGEN 23986	32.51 -0.24 0.00	31.44 -0.36 0.00	29.31 -0.34 0.00	28.21 -0.34 0.00	27.24 -0.31 0.00	29.04 -0.25 0.00	29.01 -0.18 0.00	27.19 -0.19 0.00	26.32 -0.14 0.00	29.33 -0.17 0.00	32.74 -0.16 0.00	31.71 -0.14 0.00	25.01 0.01 0.00	29.03 0.10 0.00	31.04 0.07 0.00	28.64 0.12 0.00	25.06 0.14 0.00	34.04 0.15 0.00	32.37 0.20 0.00	31.38 0.18 0.00	32.00 0.22 0.00	30.57 0.22 0.00	32.66 0.06 0.00	28.29 0.02 0.00
ONTARIO___LFGE 23819	32.91 0.16 0.00	31.69 -0.12 0.00	29.58 -0.07 0.00	28.49 -0.07 0.00	27.56 0.02 0.00	29.38 0.10 0.00	29.41 0.23 0.00	27.60 0.22 0.00	26.83 0.37 0.00	29.88 0.39 0.00	33.26 0.37 0.00	32.15 0.30 0.00	25.48 0.48 0.00	29.57 0.64 0.00	31.67 0.70 0.00	29.36 0.84 0.00	25.72 0.80 0.00	34.82 0.94 0.00	33.18 1.01 0.00	32.13 0.94 0.00	32.84 1.06 0.00	31.42 1.06 0.00	33.50 0.91 0.00	29.01 0.75 0.00
ORANGEVILLE_WT_PWR 323706	32.52 -0.24 0.00	31.33 -0.48 0.00	29.28 -0.38 0.00	28.15 -0.41 0.00	27.23 -0.31 0.00	29.13 -0.16 0.00	29.07 -0.11 0.00	26.93 -0.45 0.00	26.20 -0.26 0.00	29.29 -0.20 0.00	32.62 -0.28 0.00	31.49 -0.36 0.00	25.01 0.01 0.00	29.17 0.25 0.00	31.24 0.28 0.00	29.11 0.60 0.00	25.50 0.57 0.00	34.72 0.83 0.00	33.03 0.86 0.00	31.84 0.65 0.00	32.70 0.92 0.00	31.43 1.08 0.00	33.64 1.05 0.00	29.25 0.98 0.00
ORANGEVILLE___ESR 323794	32.52 -0.24 0.00	31.33 -0.48 0.00	29.28 -0.38 0.00	28.15 -0.41 0.00	27.23 -0.31 0.00	29.13 -0.16 0.00	29.07 -0.11 0.00	26.93 -0.45 0.00	26.20 -0.26 0.00	29.29 -0.20 0.00	32.62 -0.28 0.00	31.49 -0.36 0.00	25.01 0.01 0.00	29.17 0.25 0.00	31.24 0.28 0.00	29.11 0.60 0.00	25.50 0.57 0.00	34.72 0.83 0.00	33.03 0.86 0.00	31.84 0.65 0.00	32.70 0.92 0.00	31.43 1.08 0.00	33.64 1.05 0.00	29.25 0.98 0.00
OSWEGATCHIE___HYD 24044	33.20 0.45 0.00	32.21 0.40 0.00	29.96 0.30 0.00	28.87 0.30 0.00	27.78 0.23 0.00	29.40 0.12 0.00	29.21 0.02 0.00	27.36 -0.02 0.00	26.47 0.01 0.00	29.53 0.04 0.00	32.76 -0.14 0.00	31.70 -0.15 0.00	24.36 -0.64 0.00	28.13 -0.79 0.00	30.06 -0.90 0.00	27.56 -0.95 0.00	24.05 -0.88 0.00	33.18 -0.71 0.00	31.62 -0.55 0.00	30.60 -0.60 0.00	31.19 -0.59 0.00	29.94 -0.41 0.00	32.95 0.36 0.00	28.56 0.29 0.00
OSWEGO___5 23606	31.93 -0.82 0.00	30.93 -0.87 0.00	28.85 -0.80 0.00	27.77 -0.79 0.00	26.81 -0.74 0.00	28.53 -0.76 0.00	28.48 -0.70 0.00	26.68 -0.70 0.00	25.82 -0.65 0.00	28.76 -0.73 0.00	32.08 -0.82 0.00	31.07 -0.78 0.00	24.49 -0.52 0.00	28.38 -0.54 0.00	30.36 -0.60 0.00	28.01 -0.51 0.00	24.49 -0.44 0.00	33.28 -0.61 0.00	31.65 -0.52 0.00	30.67 -0.52 0.00	31.30 -0.49 0.00	29.90 -0.45 0.00	32.00 -0.60 0.00	27.74 -0.53 0.00
OSWEGO___6 23613	31.93 -0.82 0.00	30.93 -0.87 0.00	28.85 -0.80 0.00	27.77 -0.79 0.00	26.81 -0.74 0.00	28.53 -0.76 0.00	28.48 -0.70 0.00	26.68 -0.70 0.00	25.82 -0.65 0.00	28.76 -0.73 0.00	32.08 -0.82 0.00	31.07 -0.78 0.00	24.49 -0.52 0.00	28.38 -0.54 0.00	30.36 -0.60 0.00	28.01 -0.51 0.00	24.49 -0.44 0.00	33.28 -0.61 0.00	31.65 -0.52 0.00	30.67 -0.52 0.00	31.30 -0.49 0.00	29.90 -0.45 0.00	32.00 -0.60 0.00	27.74 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	32.27 -0.48 0.00	31.14 -0.67 0.00	29.19 -0.47 0.00	28.07 -0.50 0.00	27.17 -0.38 0.00	29.06 -0.23 0.00	28.96 -0.23 0.00	26.73 -0.65 0.00	26.01 -0.45 0.00	29.02 -0.48 0.00	32.25 -0.65 0.00	31.13 -0.72 0.00	24.79 -0.21 0.00	28.85 -0.08 0.00	30.90 -0.07 0.00	28.88 0.36 0.00	25.33 0.41 0.00	34.55 0.67 0.00	32.88 0.71 0.00	31.68 0.48 0.00	32.61 0.83 0.00	31.44 1.08 0.00	33.71 1.12 0.00	29.40 1.13 0.00
OXBOW____ 24026	31.98 -0.77 0.00	30.86 -0.94 0.00	28.94 -0.71 0.00	27.83 -0.73 0.00	26.94 -0.61 0.00	28.82 -0.47 0.00	28.70 -0.49 0.00	26.48 -0.90 0.00	25.76 -0.71 0.00	28.72 -0.77 0.00	31.90 -1.00 0.00	30.80 -1.05 0.00	24.52 -0.48 0.00	28.52 -0.40 0.00	30.57 -0.40 0.00	28.55 0.03 0.00	25.06 0.13 0.00	34.14 0.25 0.00	32.51 0.34 0.00	31.32 0.12 0.00	32.24 0.46 0.00	31.16 0.80 0.00	33.42 0.83 0.00	29.20 0.93 0.00
OXY_CHEM_DSASP 323612	31.48 -1.27 0.00	30.42 -1.38 0.00	28.54 -1.11 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.32 -1.58 0.00	30.20 -1.65 0.00	24.07 -0.93 0.00	27.97 -0.96 0.00	29.95 -1.02 0.00	27.97 -0.54 0.00	24.54 -0.39 0.00	33.45 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.47 0.00	31.67 -0.11 0.00	30.65 0.30 0.00	32.91 0.31 0.00	28.80 0.53 0.00
OZONE_PARK_ESR 323760	35.14 2.39 0.00	33.93 2.13 0.00	31.56 1.91 0.00	30.38 1.82 0.00	29.27 1.72 0.00	31.10 1.81 0.00	31.26 2.07 0.00	29.53 2.16 0.00	28.64 2.17 0.00	31.94 2.45 0.00	35.76 2.86 0.00	34.82 2.98 0.00	35.67 2.74 -7.93	32.34 3.41 0.00	34.69 3.72 0.00	39.15 3.51 -7.12	60.00 2.96 -32.12	1382.65 3.58 -1345.18	164.32 3.42 -128.73	34.67 3.23 -0.24	34.89 3.10 0.00	33.31 2.94 -0.02	35.56 2.67 -0.30	31.63 2.18 -1.18
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.48 -1.27 0.00	30.42 -1.38 0.00	28.54 -1.11 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.32 -1.58 0.00	30.20 -1.65 0.00	24.07 -0.93 0.00	27.97 -0.96 0.00	29.95 -1.02 0.00	27.97 -0.54 0.00	24.54 -0.39 0.00	33.45 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.47 0.00	31.67 -0.11 0.00	30.65 0.30 0.00	32.91 0.31 0.00	28.80 0.53 0.00
PACKARD__115KV_DUPONT_184 80571	31.48 -1.27 0.00	30.42 -1.38 0.00	28.54 -1.11 0.00	27.45 -1.11 0.00	26.58 -0.97 0.00	28.41 -0.88 0.00	28.26 -0.92 0.00	26.07 -1.31 0.00	25.34 -1.12 0.00	28.24 -1.25 0.00	31.32 -1.58 0.00	30.20 -1.65 0.00	24.07 -0.93 0.00	27.97 -0.96 0.00	29.95 -1.02 0.00	27.97 -0.54 0.00	24.54 -0.39 0.00	33.45 -0.43 0.00	31.88 -0.29 0.00	30.72 -0.47 0.00	31.67 -0.11 0.00	30.65 0.30 0.00	32.91 0.31 0.00	28.80 0.53 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.81 2.05 0.00	33.60 1.79 0.00	31.28 1.62 0.00	30.11 1.55 0.00	29.01 1.46 0.00	30.81 1.52 0.00	30.94 1.76 0.00	29.20 1.82 0.00	28.30 1.83 0.00	31.53 2.03 0.00	35.29 2.39 0.00	34.45 2.60 0.00	35.27 2.34 -7.92	31.83 2.91 0.00	34.14 3.17 0.00	38.58 2.94 -7.12	59.46 2.41 -32.12	1381.84 2.78 -1345.18	163.61 2.71 -128.73	34.08 2.65 -0.24	34.31 2.53 0.00	32.80 2.43 -0.02	34.97 2.08 -0.30	31.16 1.71 -1.18

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.10 2.34 0.00	33.76 1.96 0.00	31.43 1.78 0.00	30.23 1.67 0.00	29.14 1.59 0.00	31.10 1.81 0.00	31.31 2.13 0.00	29.54 2.16 0.00	28.60 2.13 0.00	31.80 2.31 0.00	35.63 2.73 0.00	34.79 2.94 0.00	35.56 2.64 -7.92	32.18 3.26 0.00	34.52 3.55 0.00	38.94 3.30 -7.12	59.79 2.74 -32.12	1382.30 3.24 -1345.18	164.03 3.13 -128.73	34.51 3.07 -0.24	34.70 2.92 0.00	33.14 2.77 -0.02	35.34 2.45 -0.30	31.45 2.01 -1.18
PATROON__115KV_TB1 80586	33.68 0.93 0.00	32.73 0.93 0.00	30.50 0.84 0.00	29.38 0.82 0.00	28.35 0.80 0.00	30.10 0.81 0.00	30.05 0.87 0.00	28.15 0.77 0.00	27.16 0.70 0.00	30.31 0.82 0.00	33.85 0.95 0.00	32.93 1.08 0.00	27.82 1.02 -1.80	30.12 1.20 0.00	32.24 1.28 0.00	29.53 1.02 0.00	25.79 0.87 0.00	35.39 0.82 -0.69	33.11 0.94 0.00	32.20 0.97 -0.03	32.74 0.96 0.00	31.24 0.89 0.00	33.12 0.52 0.00	28.82 0.56 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.52 -0.24 0.00	31.35 -0.46 0.00	29.35 -0.30 0.00	28.20 -0.35 0.00	27.31 -0.23 0.00	29.17 -0.11 0.00	29.14 -0.04 0.00	27.00 -0.38 0.00	26.28 -0.19 0.00	29.38 -0.11 0.00	32.68 -0.21 0.00	31.54 -0.31 0.00	25.08 0.08 0.00	29.25 0.32 0.00	31.35 0.38 0.00	29.27 0.76 0.00	25.64 0.71 0.00	34.97 1.08 0.00	33.25 1.07 0.00	32.00 0.81 0.00	32.85 1.07 0.00	31.59 1.24 0.00	33.83 1.24 0.00	29.41 1.15 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.86 2.11 0.00	33.67 1.86 0.00	31.32 1.66 0.00	30.15 1.59 0.00	29.07 1.52 0.00	30.88 1.59 0.00	31.00 1.81 0.00	29.22 1.84 0.00	28.30 1.83 0.00	31.58 2.08 0.00	35.36 2.46 0.00	34.47 2.62 0.00	30.34 2.42 -2.93	31.91 2.99 0.00	34.23 3.26 0.00	31.58 3.07 0.00	27.51 2.58 0.00	38.27 3.08 -1.31	35.12 2.95 0.00	34.02 2.78 -0.05	34.46 2.68 0.00	32.84 2.49 0.00	34.75 2.16 0.00	30.06 1.79 0.00
PEEKSKILL____ 23653	34.47 1.73 0.00	33.30 1.49 0.00	31.00 1.34 0.00	29.84 1.28 0.00	28.75 1.20 0.00	30.56 1.27 0.00	30.67 1.48 0.00	28.89 1.51 0.00	27.97 1.51 0.00	31.20 1.71 0.00	34.92 2.02 0.00	33.98 2.14 0.00	36.21 2.02 -9.19	31.45 2.53 0.00	33.71 2.75 0.00	35.89 2.56 -4.82	30.95 2.11 -3.92	39.34 2.47 -2.98	34.56 2.39 0.00	34.38 2.24 -0.94	33.92 2.14 0.00	32.38 2.03 0.00	34.29 1.70 0.00	29.67 1.40 0.00
PGE MADISON__WINDPWR 24146	35.27 2.52 0.00	33.85 2.05 0.00	31.54 1.88 0.00	30.34 1.78 0.00	29.28 1.73 0.00	31.38 2.10 0.00	31.55 2.36 0.00	29.67 2.30 0.00	28.86 2.39 0.00	32.19 2.69 0.00	35.69 2.79 0.00	34.37 2.52 0.00	27.12 2.12 0.00	31.52 2.59 0.00	33.91 2.95 0.00	31.63 3.11 0.00	27.46 2.54 0.00	37.36 3.48 0.00	35.47 3.30 0.00	34.37 3.17 0.00	35.19 3.41 0.00	33.60 3.25 0.00	35.76 3.17 0.00	30.78 2.52 0.00
PIERCEFIELD__HYD 23852	33.26 0.50 0.00	32.28 0.48 0.00	30.01 0.35 0.00	28.94 0.38 0.00	27.81 0.26 0.00	29.39 0.10 0.00	29.03 -0.15 0.00	27.17 -0.21 0.00	26.25 -0.21 0.00	29.29 -0.21 0.00	32.42 -0.48 0.00	31.38 -0.47 0.00	23.78 -1.22 0.00	27.37 -1.55 0.00	29.29 -1.68 0.00	26.95 -1.56 0.00	23.60 -1.32 0.00	32.49 -1.40 0.00	30.81 -1.36 0.00	29.84 -1.35 0.00	30.38 -1.40 0.00	29.19 -1.16 0.00	32.73 0.14 0.00	28.44 0.17 0.00
PINELAWN_CC_1 323563	35.71 2.90 -0.06	35.73 2.71 -1.22	48.67 2.52 -16.49	30.95 2.38 0.00	29.80 2.25 0.00	31.66 2.38 0.00	31.69 2.50 0.00	30.19 2.55 -0.26	28.95 2.48 0.00	32.52 2.75 -0.28	40.00 3.25 -3.86	53.73 3.18 -18.69	52.91 2.77 -25.14	84.77 3.25 -52.59	171.27 3.39 -136.91	53.96 3.10 -22.35	48.00 2.55 -20.53	45.47 3.07 -8.51	40.96 3.02 -5.78	35.45 2.89 -1.37	34.68 2.82 -0.09	35.06 3.07 -1.64	35.39 2.80 0.00	37.19 2.33 -6.60
PJM_GEN_HTP_PROXY 323702	34.66 1.91 0.00	33.48 1.68 0.00	31.16 1.51 0.00	30.00 1.44 0.00	28.90 1.35 0.00	30.72 1.43 0.00	30.86 1.67 0.00	29.13 1.76 0.00	28.24 1.78 0.00	31.50 2.00 0.00	35.31 2.34 -0.07	34.49 2.45 -0.19	35.24 2.31 -7.93	31.82 2.89 0.00	34.11 3.15 0.00	38.59 2.94 -7.12	33.18 2.46 -5.79	39.82 2.91 -3.03	34.95 2.78 0.00	33.94 2.63 -0.11	34.28 2.50 0.00	32.72 2.37 0.00	34.64 2.05 0.00	29.94 1.68 0.00
PJM_GEN_KEystone 24065	33.18 0.43 0.00	15.95 0.20 16.06	17.53 0.21 12.33	20.38 0.16 8.34	22.40 0.19 5.33	22.59 0.22 6.93	29.62 0.44 0.00	27.53 0.35 0.19	26.58 0.44 0.32	31.01 0.55 -0.97	33.45 0.61 0.06	32.62 0.60 -0.18	13.88 0.76 11.88	109.39 1.11 -79.35	32.22 1.25 0.00	31.78 1.30 -1.96	27.85 1.04 -1.89	34.26 1.23 0.86	34.03 1.17 -0.69	32.11 1.00 0.09	32.79 1.02 0.02	31.41 1.06 0.00	33.45 0.83 -0.02	29.06 0.71 -0.08
PJM_GEN_NEPTUNE_PROXY 323594	35.18 2.36 -0.06	35.17 2.15 -1.22	48.13 1.99 -16.49	30.45 1.88 0.00	29.33 1.78 0.00	31.17 1.89 0.00	31.20 2.02 0.00	29.71 2.07 -0.26	28.49 2.02 0.00	32.00 2.22 -0.28	39.45 2.63 -3.93	53.44 2.70 -18.89	52.22 2.47 -24.75	84.55 3.03 -52.59	171.13 3.25 -136.91	53.84 2.97 -22.35	46.92 2.44 -19.56	44.02 2.84 -7.29	40.17 2.79 -5.21	33.91 2.60 -0.11	34.23 2.45 0.00	34.44 2.45 -1.63	34.72 2.13 0.00	36.66 1.80 -6.60
PJM_GEN_VFT_PROXY 323633	34.47 1.72 0.00	33.29 1.48 0.00	30.99 1.33 0.00	29.84 1.28 0.00	28.74 1.19 0.00	30.55 1.26 0.00	30.68 1.50 0.00	26.22 1.61 2.76	23.52 1.65 4.59	31.35 1.86 0.00	33.32 2.17 1.74	34.09 2.28 0.04	30.22 2.21 -3.02	31.71 2.79 0.00	34.00 3.03 0.00	36.63 2.85 -5.27	35.71 2.36 -8.42	58.68 2.74 -22.05	44.69 2.62 -9.90	33.52 2.46 0.14	33.88 2.34 0.23	32.59 2.22 -0.02	34.79 1.90 -0.30	31.02 1.57 -1.18
PLATSBRG_115KV_PMLD1 355749	33.53 0.78 0.00	32.68 0.88 0.00	30.44 0.78 0.00	29.37 0.81 0.00	28.33 0.78 0.00	29.99 0.70 0.00	29.86 0.67 0.00	28.00 0.63 0.00	26.96 0.50 0.00	30.11 0.62 0.00	33.93 1.03 0.00	32.54 0.69 0.00	25.21 0.21 0.00	28.98 0.06 0.00	30.97 0.00 0.00	28.50 -0.01 0.00	24.98 0.06 0.00	34.21 0.32 0.00	32.61 0.44 0.00	31.64 0.45 0.00	32.25 0.47 0.00	30.74 0.39 0.00	33.27 0.68 0.00	28.95 0.68 0.00
PLEASANTVLY__LBMP 24000	34.29 1.54 0.00	33.17 1.36 0.00	30.89 1.23 0.00	29.75 1.19 0.00	28.69 1.14 0.00	30.46 1.17 0.00	30.54 1.36 0.00	28.74 1.37 0.00	27.78 1.31 0.00	30.96 1.47 0.00	34.64 1.74 0.00	33.73 1.88 0.00	30.44 1.79 -3.66	31.13 2.20 0.00	33.36 2.39 0.00	30.71 2.19 0.00	26.74 1.81 0.00	37.59 2.05 -1.65	34.21 2.04 0.00	33.20 1.95 -0.06	33.66 1.88 0.00	32.12 1.77 0.00	34.00 1.41 0.00	29.49 1.23 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.62 1.86 0.00	33.46 1.66 0.00	31.13 1.48 0.00	29.97 1.41 0.00	28.88 1.34 0.00	30.69 1.40 0.00	30.80 1.62 0.00	29.02 1.64 0.00	28.09 1.63 0.00	31.33 1.83 0.00	35.06 2.16 0.00	34.14 2.29 0.00	33.33 2.14 -6.19	31.59 2.67 0.00	33.88 2.92 0.00	13.72 2.70 17.50	12.92 2.22 14.23	37.29 2.62 -0.78	34.70 2.53 0.00	33.67 2.38 -0.09	34.06 2.28 0.00	32.50 2.14 0.00	34.39 1.80 0.00	29.79 1.53 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.62 1.86 0.00	33.46 1.66 0.00	31.13 1.48 0.00	29.97 1.41 0.00	28.88 1.34 0.00	30.69 1.40 0.00	30.80 1.62 0.00	29.02 1.64 0.00	28.09 1.63 0.00	31.33 1.83 0.00	35.06 2.16 0.00	34.14 2.29 0.00	33.33 2.14 -6.19	31.59 2.67 0.00	33.88 2.92 0.00	13.72 2.70 17.50	12.92 2.22 14.23	37.29 2.62 -0.78	34.70 2.53 0.00	33.67 2.38 -0.09	34.06 2.28 0.00	32.50 2.14 0.00	34.39 1.80 0.00	29.79 1.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.61 1.85 0.00	33.45 1.64 0.00	31.12 1.47 0.00	29.97 1.41 0.00	28.90 1.35 0.00	30.69 1.41 0.00	30.81 1.63 0.00	29.00 1.63 0.00	28.04 1.58 0.00	31.27 1.77 0.00	34.99 2.09 0.00	34.09 2.24 0.00	28.94 2.09 -1.86	31.50 2.58 0.00	33.79 2.82 0.00	31.16 2.65 0.00	27.17 2.24 0.00	37.44 2.65 -0.90	34.74 2.57 0.00	33.66 2.43 -0.03	34.14 2.36 0.00	32.54 2.19 0.00	34.44 1.85 0.00	29.83 1.56 0.00
POLETTI____ 23519	34.65 1.90 0.00	33.47 1.67 0.00	31.15 1.50 0.00	29.99 1.43 0.00	28.89 1.34 0.00	30.70 1.41 0.00	30.83 1.65 0.00	29.12 1.74 0.00	28.24 1.77 0.00	31.49 2.00 0.00	35.23 2.33 0.00	34.30 2.45 0.00	35.25 2.32 -7.93	31.82 2.90 0.00	34.13 3.16 0.00	38.62 2.98 -7.12	59.54 2.49 -32.12	1382.03 2.93 -1345.21	163.71 2.81 -128.73	34.09 2.65 -0.24	34.31 2.53 0.00	32.76 2.39 -0.02	34.96 2.07 -0.30	31.13 1.69 -1.18
POMONA____ESR 323819	34.48 1.73 0.00	33.27 1.47 0.00	30.96 1.31 0.00	29.80 1.24 0.00	28.71 1.16 0.00	30.53 1.24 0.00	30.65 1.47 0.00	28.86 1.49 0.00	27.95 1.48 0.00	31.18 1.68 0.00	34.90 2.00 0.00	33.97 2.12 0.00	16.40 2.00 10.60	31.42 2.50 0.00	33.71 2.74 0.00	34.55 2.55 -3.48	29.87 2.12 -2.83	34.08 2.50 2.31	34.57 2.40 0.00	33.27 2.23 0.15	33.90 2.11 0.00	32.37 2.02 0.00	34.29 1.69 0.00	29.62 1.35 0.00
PORT_JEFF_3 23555	35.93 3.12 -0.06	35.98 2.95 -1.22	48.96 2.81 -16.49	31.24 2.67 0.00	30.08 2.53 0.00	31.94 2.66 0.00	31.92 2.74 0.00	30.46 2.82 -0.26	29.17 2.70 0.00	32.69 2.91 -0.28	40.13 3.38 -3.86	53.96 3.42 -18.70	60.25 3.02 -32.22	85.14 3.60 -52.61	171.58 3.70 -136.91	54.24 3.36 -22.36	65.98 2.81 -38.25	67.98 3.36 -30.74	51.52 3.22 -16.13	58.48 3.01 -24.28	36.31 2.86 -1.67	35.17 3.00 -1.83	35.38 2.78 0.00	37.22 2.36 -6.60
PORT_JEFF_4 23616	35.93 3.12 -0.06	35.98 2.95 -1.22	48.96 2.81 -16.49	31.24 2.67 0.00	30.08 2.53 0.00	31.94 2.66 0.00	31.92 2.74 0.00	30.46 2.82 -0.26	29.17 2.70 0.00	32.69 2.91 -0.28	40.13 3.38 -3.86	53.96 3.42 -18.70	60.25 3.02 -32.22	85.14 3.60 -52.61	171.58 3.70 -136.91	54.24 3.36 -22.36	65.98 2.81 -38.25	67.98 3.36 -30.74	51.52 3.22 -16.13	58.48 3.01 -24.28	36.31 2.86 -1.67	35.17 3.00 -1.83	35.38 2.78 0.00	37.22 2.36 -6.60
PORT_JEFF_IC 23713	35.99 3.18 -0.06	36.03 3.01 -1.22	49.01 2.87 -16.49	31.29 2.73 0.00	30.13 2.59 0.00	31.99 2.70 0.00	31.97 2.79 0.00	30.51 2.87 -0.26	29.23 2.76 0.00	32.77 3.00 -0.28	40.23 3.47 -3.86	54.09 3.55 -18.70	62.69 3.15 -34.54	85.29 3.75 -52.62	171.70 3.82 -136.91	54.38 3.50 -22.37	71.85 2.87 -44.05	75.36 3.46 -38.01	55.07 3.38 -19.52	66.14 3.17 -31.78	36.96 2.99 -2.19	35.38 3.14 -1.88	35.51 2.92 0.00	37.32 2.46 -6.60
PPL PILGRIM_ST_GT1 24216	35.96 3.15 -0.06	35.98 2.96 -1.22	48.95 2.81 -16.49	31.22 2.66 0.00	30.07 2.52 0.00	31.96 2.67 0.00	31.95 2.77 0.00	30.48 2.83 -0.26	29.21 2.74 0.00	32.78 3.01 -0.28	40.33 3.57 -3.86	54.23 3.68 -18.69	54.23 3.23 -26.01	85.31 3.78 -52.60	171.79 3.91 -136.91	54.43 3.56 -22.35	50.59 2.95 -22.71	48.71 3.57 -11.25	42.69 3.47 -7.05	38.58 3.19 -4.19	35.05 2.98 -0.28	35.12 3.10 -1.66	35.53 2.94 0.00	37.35 2.49 -6.60
PPL PILGRIM_ST_GT2 24217	35.96 3.15 -0.06	35.98 2.96 -1.22	48.95 2.81 -16.49	31.22 2.66 0.00	30.07 2.52 0.00	31.96 2.67 0.00	31.95 2.77 0.00	30.48 2.83 -0.26	29.21 2.74 0.00	32.78 3.01 -0.28	40.33 3.57 -3.86	54.23 3.68 -18.69	54.23 3.23 -26.01	85.31 3.78 -52.60	171.79 3.91 -136.91	54.43 3.56 -22.35	50.59 2.95 -22.71	48.71 3.57 -11.25	42.69 3.47 -7.05	38.58 3.19 -4.19	35.05 2.98 -0.28	35.12 3.10 -1.66	35.53 2.94 0.00	37.35 2.49 -6.60
PPL_SHRM_GT3 24213	36.09 3.27 -0.06	36.03 3.01 -1.22	49.07 2.92 -16.49	31.40 2.83 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.10 2.91 0.00	30.66 3.02 -0.26	29.36 2.89 0.00	32.84 3.06 -0.28	40.23 3.47 -3.86	53.90 3.35 -18.70	60.36 2.74 -32.62	85.42 3.88 -52.62	171.91 4.03 -136.91	54.06 3.18 -22.37	67.20 3.03 -39.24	69.58 3.71 -31.98	52.50 3.62 -16.71	59.96 3.21 -25.56	36.82 3.28 -1.76	35.48 3.29 -1.83	35.62 3.03 0.00	37.44 2.58 -6.60
PPL_SHRM_GT4 24214	36.09 3.27 -0.06	36.03 3.01 -1.22	49.07 2.92 -16.49	31.40 2.83 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.10 2.91 0.00	30.66 3.02 -0.26	29.36 2.89 0.00	32.84 3.06 -0.28	40.23 3.47 -3.86	53.90 3.35 -18.70	60.36 2.74 -32.62	85.42 3.88 -52.62	171.91 4.03 -136.91	54.06 3.18 -22.37	67.20 3.03 -39.24	69.58 3.71 -31.98	52.50 3.62 -16.71	59.96 3.21 -25.56	36.82 3.28 -1.76	35.48 3.29 -1.83	35.62 3.03 0.00	37.44 2.58 -6.60
PROJECT___ORANGE 1 24174	32.40 -0.35 0.00	31.34 -0.47 0.00	29.21 -0.44 0.00	28.11 -0.45 0.00	27.15 -0.40 0.00	28.92 -0.37 0.00	28.89 -0.29 0.00	27.04 -0.34 0.00	26.16 -0.30 0.00	29.18 -0.31 0.00	32.56 -0.33 0.00	31.54 -0.31 0.00	24.89 -0.11 0.00	28.88 -0.05 0.00	30.90 -0.07 0.00	28.50 -0.01 0.00	24.93 0.00 0.00	33.88 -0.01 0.00	32.23 0.05 0.00	31.20 0.01 0.00	31.84 0.06 0.00	30.41 0.05 0.00	32.47 -0.12 0.00	28.14 -0.13 0.00
PROJECT___ORANGE 2 24166	32.40 -0.35 0.00	31.34 -0.47 0.00	29.21 -0.44 0.00	28.11 -0.45 0.00	27.15 -0.40 0.00	28.92 -0.37 0.00	28.89 -0.29 0.00	27.04 -0.34 0.00	26.16 -0.30 0.00	29.18 -0.31 0.00	32.56 -0.33 0.00	31.54 -0.31 0.00	24.89 -0.11 0.00	28.88 -0.05 0.00	30.90 -0.07 0.00	28.50 -0.01 0.00	24.93 0.00 0.00	33.88 -0.01 0.00	32.23 0.05 0.00	31.20 0.01 0.00	31.84 0.06 0.00	30.41 0.05 0.00	32.47 -0.12 0.00	28.14 -0.13 0.00
PUCKETT___SOLAR 323809	33.48 0.73 0.00	32.29 0.48 0.00	30.12 0.46 0.00	28.96 0.40 0.00	27.97 0.42 0.00	29.80 0.51 0.00	29.89 0.70 0.00	28.02 0.64 0.00	27.17 0.70 0.00	30.28 0.78 0.00	33.62 0.72 0.00	32.39 0.54 0.00	25.59 0.59 0.00	29.83 0.91 0.00	32.15 1.18 0.00	29.74 1.22 0.00	25.94 1.02 0.00	35.21 1.32 0.00	33.41 1.24 0.00	32.41 1.22 0.00	33.12 1.34 0.00	31.65 1.29 0.00	33.75 1.16 0.00	29.19 0.92 0.00
PYRITES___HYD 24023	33.80 1.06 0.00	32.76 0.95 0.00	30.48 0.82 0.00	29.39 0.83 0.00	28.26 0.71 0.00	29.99 0.70 0.00	29.69 0.51 0.00	27.85 0.47 0.00	26.90 0.43 0.00	30.02 0.52 0.00	33.16 0.25 0.00	32.15 0.30 0.00	24.40 -0.60 0.00	28.09 -0.83 0.00	30.06 -0.90 0.00	27.72 -0.79 0.00	24.29 -0.63 0.00	33.47 -0.41 0.00	31.70 -0.47 0.00	30.69 -0.50 0.00	31.23 -0.55 0.00	29.94 -0.41 0.00	33.43 0.84 0.00	28.96 0.70 0.00

QUAKERRD_115KV_BK1 80622	31.66 -1.09 0.00	30.60 -1.20 0.00	28.59 -1.07 0.00	27.50 -1.06 0.00	26.59 -0.96 0.00	28.37 -0.92 0.00	28.33 -0.86 0.00	26.43 -0.95 0.00	25.65 -0.82 0.00	28.63 -0.87 0.00	31.90 -1.00 0.00	30.86 -0.99 0.00	24.42 -0.58 0.00	28.33 -0.59 0.00	30.35 -0.62 0.00	28.14 -0.37 0.00	24.65 -0.27 0.00	33.61 -0.28 0.00	31.98 -0.19 0.00	30.93 -0.26 0.00	31.63 -0.15 0.00	30.30 -0.05 0.00	32.38 -0.21 0.00	28.12 -0.15 0.00
QUENSBRY_115KV_TB8 356137	34.93 2.18 0.00	33.97 2.16 0.00	31.67 2.02 0.00	30.49 1.93 0.00	29.43 1.88 0.00	31.13 1.84 0.00	31.17 1.99 0.00	29.20 1.83 0.00	28.10 1.64 0.00	31.47 1.97 0.00	34.91 2.01 0.00	34.02 2.17 0.00	28.43 1.69 -1.74	30.81 1.89 0.00	32.92 1.96 0.00	30.31 1.80 0.00	26.51 1.58 0.00	36.29 1.74 -0.67	34.33 2.16 0.00	33.40 2.18 -0.03	34.30 2.52 0.00	32.74 2.39 0.00	34.64 2.05 0.00	30.11 1.84 0.00
RAMAPO___LBMP 323565	34.32 1.57 0.00	33.13 1.32 0.00	30.83 1.18 0.00	29.68 1.12 0.00	28.60 1.05 0.00	30.40 1.11 0.00	30.52 1.33 0.00	28.72 1.35 0.00	27.81 1.35 0.00	31.03 1.54 0.00	34.73 1.83 0.00	33.79 1.94 0.00	16.68 1.86 10.17	31.25 2.32 0.00	33.51 2.55 0.00	34.25 2.38 -3.36	29.62 1.96 -2.74	33.91 2.29 2.27	34.38 2.21 0.00	33.09 2.06 0.16	33.71 1.94 0.00	32.20 1.85 0.00	34.12 1.52 0.00	29.50 1.23 0.00
RANKINE____ 23646	32.46 -0.29 0.00	31.31 -0.50 0.00	29.31 -0.34 0.00	28.19 -0.37 0.00	27.29 -0.26 0.00	29.14 -0.15 0.00	29.07 -0.11 0.00	26.90 -0.47 0.00	26.19 -0.28 0.00	29.26 -0.23 0.00	32.56 -0.34 0.00	31.44 -0.41 0.00	25.02 0.02 0.00	29.16 0.24 0.00	31.23 0.27 0.00	29.18 0.66 0.00	25.57 0.64 0.00	34.88 0.99 0.00	33.17 0.99 0.00	31.94 0.74 0.00	32.83 1.05 0.00	31.57 1.22 0.00	33.82 1.23 0.00	29.43 1.17 0.00
RAVENSWOOD_GT2_1 24244	34.74 1.99 0.00	33.56 1.76 0.00	31.23 1.57 0.00	30.07 1.51 0.00	28.97 1.42 0.00	30.78 1.49 0.00	30.90 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.37 2.52 0.00	35.30 2.38 -7.92	31.89 2.96 0.00	34.18 3.22 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.08 3.02 -1345.18	163.79 2.89 -128.73	34.17 2.73 -0.24	34.39 2.61 0.00	32.84 2.47 -0.02	35.06 2.16 -0.30	31.19 1.75 -1.18
RAVENSWOOD_GT2_2 24245	34.74 1.99 0.00	33.56 1.76 0.00	31.23 1.57 0.00	30.07 1.51 0.00	28.97 1.42 0.00	30.78 1.49 0.00	30.90 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.37 2.52 0.00	35.30 2.38 -7.92	31.89 2.96 0.00	34.18 3.22 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.08 3.02 -1345.18	163.79 2.89 -128.73	34.17 2.73 -0.24	34.39 2.61 0.00	32.84 2.47 -0.02	35.06 2.16 -0.30	31.19 1.75 -1.18
RAVENSWOOD_GT2_3 24246	34.75 2.00 0.00	33.57 1.76 0.00	31.25 1.59 0.00	30.08 1.52 0.00	28.98 1.43 0.00	30.79 1.50 0.00	30.92 1.74 0.00	29.21 1.83 0.00	28.32 1.85 0.00	31.58 2.08 0.00	35.33 2.43 0.00	34.41 2.55 0.00	35.32 2.39 -7.92	31.91 2.98 0.00	34.20 3.24 0.00	38.70 3.06 -7.12	59.63 2.58 -32.12	1382.12 3.05 -1345.18	163.81 2.91 -128.73	34.19 2.76 -0.24	34.41 2.63 0.00	32.86 2.49 -0.02	35.07 2.18 -0.30	31.20 1.76 -1.18
RAVENSWOOD_GT2_4 24247	34.75 2.00 0.00	33.57 1.76 0.00	31.25 1.59 0.00	30.08 1.52 0.00	28.98 1.43 0.00	30.79 1.50 0.00	30.92 1.74 0.00	29.21 1.83 0.00	28.32 1.85 0.00	31.58 2.08 0.00	35.33 2.43 0.00	34.41 2.55 0.00	35.32 2.39 -7.92	31.91 2.98 0.00	34.20 3.24 0.00	38.70 3.06 -7.12	59.63 2.58 -32.12	1382.12 3.05 -1345.18	163.81 2.91 -128.73	34.19 2.76 -0.24	34.41 2.63 0.00	32.86 2.49 -0.02	35.07 2.18 -0.30	31.20 1.76 -1.18
RAVENSWOOD_GT3_1 24248	34.74 1.99 0.00	33.56 1.76 0.00	31.23 1.57 0.00	30.07 1.51 0.00	28.96 1.42 0.00	30.78 1.49 0.00	30.90 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.37 2.52 0.00	35.30 2.38 -7.92	31.89 2.96 0.00	34.18 3.22 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.08 3.02 -1345.18	163.79 2.89 -128.73	34.17 2.73 -0.24	34.39 2.61 0.00	32.84 2.47 -0.02	35.06 2.16 -0.30	31.19 1.75 -1.18
RAVENSWOOD_GT3_2 24249	34.74 1.99 0.00	33.56 1.76 0.00	31.23 1.57 0.00	30.07 1.51 0.00	28.96 1.42 0.00	30.78 1.49 0.00	30.90 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.37 2.52 0.00	35.30 2.38 -7.92	31.89 2.96 0.00	34.18 3.22 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.08 3.02 -1345.18	163.79 2.89 -128.73	34.17 2.73 -0.24	34.39 2.61 0.00	32.84 2.47 -0.02	35.06 2.16 -0.30	31.19 1.75 -1.18
RAVENSWOOD_GT3_3 24250	34.80 2.05 0.00	33.62 1.81 0.00	31.29 1.63 0.00	30.12 1.56 0.00	29.01 1.46 0.00	30.83 1.54 0.00	30.96 1.78 0.00	29.25 1.87 0.00	28.36 1.89 0.00	31.62 2.13 0.00	35.39 2.49 0.00	34.46 2.61 0.00	35.37 2.44 -7.92	31.96 3.03 0.00	34.28 3.31 0.00	38.75 3.12 -7.12	59.67 2.62 -32.12	1382.18 3.11 -1345.18	163.87 2.97 -128.73	34.25 2.81 -0.24	34.47 2.69 0.00	32.92 2.55 -0.02	35.12 2.23 -0.30	31.26 1.81 -1.18
RAVENSWOOD_GT3_4 24251	34.80 2.05 0.00	33.62 1.81 0.00	31.29 1.63 0.00	30.12 1.55 0.00	29.01 1.46 0.00	30.83 1.54 0.00	30.96 1.78 0.00	29.25 1.87 0.00	28.36 1.89 0.00	31.62 2.13 0.00	35.38 2.49 0.00	34.45 2.60 0.00	35.36 2.44 -7.92	31.96 3.04 0.00	34.26 3.30 0.00	38.75 3.11 -7.12	59.67 2.62 -32.12	1382.18 3.11 -1345.18	163.87 2.97 -128.73	34.25 2.81 -0.24	34.47 2.69 0.00	32.92 2.55 -0.02	35.12 2.23 -0.30	31.26 1.81 -1.18
RAVENSWOOD_GT_1 23729	34.85 2.10 0.00	33.66 1.85 0.00	31.33 1.67 0.00	30.15 1.59 0.00	29.05 1.50 0.00	30.85 1.56 0.00	30.99 1.81 0.00	29.29 1.91 0.00	28.41 1.95 0.00	31.65 2.16 0.00	35.40 2.51 0.00	34.50 2.65 0.00	35.38 2.46 -7.92	31.97 3.05 0.00	34.28 3.32 0.00	38.76 3.12 -7.12	59.63 2.59 -32.12	1382.07 3.01 -1345.18	163.78 2.89 -128.73	34.18 2.75 -0.24	34.43 2.65 0.00	32.89 2.52 -0.02	35.08 2.19 -0.30	31.22 1.78 -1.18
RAVENSWOOD_GT_10 24258	34.73 1.98 0.00	33.55 1.75 0.00	31.23 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.78 1.49 0.00	30.91 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.38 2.53 0.00	35.30 2.38 -7.92	31.89 2.96 0.00	34.19 3.23 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.09 3.03 -1345.18	163.80 2.90 -128.73	34.17 2.74 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.05 2.16 -0.30	31.20 1.75 -1.18
RAVENSWOOD_GT_11 24259	34.73 1.98 0.00	33.55 1.75 0.00	31.23 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.78 1.49 0.00	30.91 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.37 2.52 0.00	35.30 2.38 -7.92	31.89 2.97 0.00	34.19 3.22 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.09 3.02 -1345.18	163.80 2.90 -128.73	34.17 2.74 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.06 2.16 -0.30	31.20 1.75 -1.18



RAVENSWOOD_GT_4 24252	34.72 1.97 0.00	33.55 1.74 0.00	31.22 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.77 1.49 0.00	30.91 1.73 0.00	29.19 1.81 0.00	28.30 1.83 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.38 2.53 0.00	35.30 2.38 -7.92	31.90 2.97 0.00	34.20 3.24 0.00	38.69 3.05 -7.12	59.63 2.58 -32.12	1382.12 3.05 -1345.18	163.82 2.92 -128.73	34.19 2.76 -0.24	34.41 2.63 0.00	32.86 2.49 -0.02	35.08 2.19 -0.30	31.21 1.76 -1.18
RAVENSWOOD_GT_5 24254	34.72 1.97 0.00	33.55 1.74 0.00	31.22 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.77 1.49 0.00	30.91 1.73 0.00	29.19 1.81 0.00	28.30 1.83 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.38 2.53 0.00	35.30 2.38 -7.92	31.90 2.97 0.00	34.20 3.24 0.00	38.69 3.05 -7.12	59.63 2.58 -32.12	1382.12 3.05 -1345.18	163.82 2.92 -128.73	34.19 2.76 -0.24	34.41 2.63 0.00	32.86 2.49 -0.02	35.08 2.19 -0.30	31.21 1.76 -1.18
RAVENSWOOD_GT_6 24253	34.72 1.97 0.00	33.55 1.74 0.00	31.22 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.77 1.49 0.00	30.91 1.73 0.00	29.19 1.81 0.00	28.30 1.83 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.38 2.53 0.00	35.30 2.38 -7.92	31.90 2.97 0.00	34.20 3.24 0.00	38.69 3.05 -7.12	59.63 2.58 -32.12	1382.12 3.05 -1345.18	163.82 2.92 -128.73	34.19 2.76 -0.24	34.41 2.63 0.00	32.86 2.49 -0.02	35.08 2.19 -0.30	31.21 1.76 -1.18
RAVENSWOOD_GT_7 24255	34.72 1.97 0.00	33.55 1.74 0.00	31.22 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.77 1.49 0.00	30.91 1.73 0.00	29.19 1.81 0.00	28.30 1.83 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.38 2.53 0.00	35.30 2.38 -7.92	31.90 2.97 0.00	34.20 3.24 0.00	38.69 3.05 -7.12	59.63 2.58 -32.12	1382.12 3.05 -1345.18	163.82 2.92 -128.73	34.19 2.76 -0.24	34.41 2.63 0.00	32.86 2.49 -0.02	35.08 2.19 -0.30	31.21 1.76 -1.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.73 1.98 0.00	33.55 1.75 0.00	31.23 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.78 1.49 0.00	30.91 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.38 2.53 0.00	35.30 2.38 -7.92	31.89 2.96 0.00	34.19 3.23 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.09 3.03 -1345.18	163.80 2.90 -128.73	34.17 2.74 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.05 2.16 -0.30	31.20 1.75 -1.18
RAVENSWOOD_GT_9 24257	34.73 1.98 0.00	33.55 1.75 0.00	31.23 1.57 0.00	30.06 1.50 0.00	28.96 1.41 0.00	30.78 1.49 0.00	30.91 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.37 2.52 0.00	35.30 2.38 -7.92	31.89 2.97 0.00	34.19 3.22 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.09 3.02 -1345.18	163.80 2.90 -128.73	34.17 2.74 -0.24	34.39 2.61 0.00	32.85 2.48 -0.02	35.06 2.16 -0.30	31.20 1.75 -1.18
RAVENSWOOD___1 23533	34.81 2.06 0.00	33.62 1.81 0.00	31.29 1.63 0.00	30.12 1.56 0.00	29.00 1.45 0.00	30.80 1.52 0.00	30.93 1.74 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.61 2.12 0.00	35.34 2.44 0.00	34.43 2.58 0.00	35.33 2.41 -7.92	31.91 2.98 0.00	34.21 3.25 0.00	38.70 3.06 -7.12	59.58 2.53 -32.12	1382.01 2.94 -1345.18	163.71 2.82 -128.73	34.12 2.69 -0.24	34.35 2.57 0.00	32.81 2.44 -0.02	35.00 2.11 -0.30	31.15 1.71 -1.18
RAVENSWOOD___2 23534	34.81 2.06 0.00	33.61 1.81 0.00	31.26 1.60 0.00	30.07 1.51 0.00	28.96 1.42 0.00	30.71 1.43 0.00	30.78 1.59 0.00	29.13 1.75 0.00	28.29 1.83 0.00	31.51 2.02 0.00	35.14 2.24 0.00	34.18 2.34 0.00	35.15 2.23 -7.92	31.70 2.77 0.00	33.98 3.01 0.00	38.47 2.83 -7.12	59.39 2.34 -32.12	1381.72 2.65 -1345.18	163.45 2.56 -128.73	33.87 2.44 -0.24	34.10 2.32 0.00	32.58 2.20 -0.02	34.74 1.85 -0.30	30.94 1.50 -1.18
RAVENSWOOD___3 23535	34.74 1.99 0.00	33.56 1.76 0.00	31.23 1.57 0.00	30.07 1.51 0.00	28.97 1.42 0.00	30.78 1.49 0.00	30.91 1.72 0.00	29.19 1.81 0.00	28.30 1.84 0.00	31.56 2.07 0.00	35.31 2.41 0.00	34.38 2.53 0.00	35.30 2.38 -7.92	31.89 2.97 0.00	34.19 3.23 0.00	38.68 3.04 -7.12	59.61 2.56 -32.12	1382.09 3.02 -1345.18	163.79 2.89 -128.73	34.17 2.73 -0.24	34.39 2.61 0.00	32.85 2.47 -0.02	35.06 2.16 -0.30	31.19 1.75 -1.18
RAVENSWOOD___4 23820	34.81 2.06 0.00	33.62 1.81 0.00	31.29 1.63 0.00	30.12 1.56 0.00	29.00 1.45 0.00	30.80 1.52 0.00	30.93 1.74 0.00	29.24 1.86 0.00	28.35 1.89 0.00	31.61 2.12 0.00	35.34 2.44 0.00	34.43 2.58 0.00	35.33 2.41 -7.92	31.91 2.98 0.00	34.21 3.25 0.00	38.70 3.06 -7.12	59.58 2.53 -32.12	1382.01 2.94 -1345.18	163.71 2.82 -128.73	34.12 2.69 -0.24	34.35 2.57 0.00	32.81 2.44 -0.02	35.00 2.11 -0.30	31.15 1.71 -1.18
RCPL_TRUST___DRP 24196	34.69 1.94 0.00	33.50 1.70 0.00	31.17 1.52 0.00	30.02 1.46 0.00	28.93 1.38 0.00	30.74 1.45 0.00	30.88 1.70 0.00	29.17 1.80 0.00	28.29 1.82 0.00	31.55 2.05 0.00	35.30 2.40 0.00	34.36 2.52 0.00	35.29 2.36 -7.93	31.86 2.94 0.00	34.16 3.20 0.00	38.64 3.00 -7.12	33.23 2.51 -5.79	39.87 2.96 -3.03	35.01 2.84 0.00	33.99 2.69 -0.11	34.34 2.56 0.00	32.78 2.43 0.00	34.70 2.10 0.00	29.99 1.72 0.00
RED___ROCHESTER 323720	32.67 -0.09 0.00	31.58 -0.22 0.00	29.51 -0.15 0.00	28.38 -0.18 0.00	27.44 -0.11 0.00	29.26 -0.03 0.00	29.22 0.04 0.00	27.20 -0.18 0.00	26.44 -0.03 0.00	29.53 0.04 0.00	32.91 0.01 0.00	31.84 -0.01 0.00	25.21 0.21 0.00	29.28 0.35 0.00	31.39 0.43 0.00	29.15 0.63 0.00	25.55 0.62 0.00	34.85 0.96 0.00	33.18 1.01 0.00	32.06 0.86 0.00	32.82 1.04 0.00	31.46 1.11 0.00	33.62 1.03 0.00	29.19 0.92 0.00
REGAN___SOLAR 323812	36.45 3.71 0.00	34.84 3.04 0.00	32.44 2.79 0.00	31.24 2.68 0.00	30.13 2.58 0.00	32.41 3.12 0.00	32.38 3.20 0.00	30.31 2.93 0.00	29.46 3.00 0.00	33.05 3.56 0.00	36.76 3.86 0.00	35.29 3.44 0.00	28.92 2.51 -1.40	31.76 2.83 0.00	33.81 2.84 0.00	31.96 3.44 0.00	28.15 3.23 0.00	38.82 4.40 -0.53	36.61 4.44 0.00	35.62 4.43 0.00	36.27 4.49 0.00	34.66 4.31 0.00	36.93 4.34 0.00	31.91 3.64 0.00
RENSSELAER___COGEN 23796	33.48 0.73 0.00	32.55 0.74 0.00	30.33 0.67 0.00	29.22 0.66 0.00	28.20 0.65 0.00	29.93 0.64 0.00	29.87 0.68 0.00	27.97 0.59 0.00	26.96 0.50 0.00	30.07 0.58 0.00	33.55 0.66 0.00	32.64 0.79 0.00	27.61 0.80 -1.82	29.85 0.93 0.00	31.94 0.98 0.00	29.20 0.69 0.00	25.49 0.56 0.00	34.99 0.42 -0.69	32.76 0.59 0.00	31.87 0.65 -0.03	32.41 0.63 0.00	30.95 0.60 0.00	32.82 0.22 0.00	28.57 0.30 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.78 4.03 0.00	35.64 3.83 0.00	33.26 3.61 0.00	31.92 3.36 0.00	30.81 3.27 0.00	32.67 3.38 0.00	32.97 3.79 0.00	30.78 3.40 0.00	29.48 3.01 0.00	33.16 3.67 0.00	36.48 3.58 0.00	35.77 3.93 0.00	29.87 3.13 -1.74	32.42 3.49 0.00	34.53 3.56 0.00	31.92 3.41 0.00	28.04 3.12 0.00	38.36 3.80 -0.67	36.53 4.36 0.00	35.52 4.29 -0.03	36.57 4.79 0.00	34.93 4.58 0.00	36.87 4.28 0.00	32.00 3.73 0.00

REVERE_CPDR_DRP 24186	33.82 1.08 0.00	32.60 0.79 0.00	30.38 0.72 0.00	29.21 0.65 0.00	28.19 0.64 0.00	30.12 0.83 0.00	30.13 0.95 0.00	28.25 0.88 0.00	27.43 0.96 0.00	30.63 1.13 0.00	34.15 1.25 0.00	33.06 1.21 0.00	25.93 0.94 0.00	30.16 1.23 0.00	32.23 1.26 0.00	29.68 1.16 0.00	25.92 0.99 0.00	35.32 1.44 0.00	33.66 1.49 0.00	32.66 1.46 0.00	33.34 1.56 0.00	31.81 1.46 0.00	33.99 1.40 0.00	29.36 1.10 0.00
REYNOLDS_115KV_TB3 80639	33.73 0.97 0.00	32.83 1.02 0.00	30.59 0.94 0.00	29.48 0.92 0.00	28.45 0.90 0.00	30.18 0.89 0.00	30.09 0.90 0.00	28.15 0.78 0.00	27.14 0.67 0.00	30.26 0.76 0.00	33.78 0.88 0.00	32.87 1.02 0.00	27.84 0.99 -1.86	30.05 1.13 0.00	32.15 1.19 0.00	29.41 0.90 0.00	25.69 0.76 0.00	35.24 0.64 -0.72	33.01 0.84 0.00	32.14 0.92 -0.03	32.71 0.92 0.00	31.23 0.87 0.00	33.09 0.50 0.00	28.84 0.57 0.00
RIVERBAY____ 323610	35.10 2.34 0.00	33.76 1.96 0.00	31.43 1.78 0.00	30.23 1.67 0.00	29.14 1.59 0.00	31.10 1.81 0.00	31.31 2.13 0.00	29.54 2.16 0.00	28.60 2.13 0.00	31.80 2.31 0.00	35.63 2.73 0.00	34.79 2.94 0.00	35.56 2.64 -7.92	32.18 3.26 0.00	34.52 3.55 0.00	38.94 3.30 -7.12	59.79 2.74 -32.12	1382.30 3.24 -1345.18	164.03 3.13 -128.73	34.51 3.07 -0.24	34.70 2.92 0.00	33.14 2.77 -0.02	35.34 2.45 -0.30	31.45 2.01 -1.18
RIVERSDE_115KV_TB3 55908	33.64 0.89 0.00	32.72 0.91 0.00	30.49 0.84 0.00	29.38 0.81 0.00	28.35 0.80 0.00	30.08 0.79 0.00	30.01 0.83 0.00	28.10 0.72 0.00	27.09 0.63 0.00	30.22 0.73 0.00	33.74 0.85 0.00	32.83 0.98 0.00	27.78 0.95 -1.83	30.02 1.09 0.00	32.13 1.17 0.00	29.40 0.89 0.00	25.67 0.75 0.00	35.23 0.65 -0.71	32.98 0.81 0.00	32.10 0.88 -0.03	32.65 0.87 0.00	31.16 0.81 0.00	33.03 0.44 0.00	28.76 0.50 0.00
ROARING__BROOK_WT_PWR 323790	32.68 -0.06 0.00	31.77 -0.03 0.00	29.63 -0.03 0.00	28.56 -0.01 0.00	27.52 -0.03 0.00	29.25 -0.03 0.00	29.11 -0.07 0.00	27.30 -0.07 0.00	26.39 -0.08 0.00	29.43 -0.07 0.00	32.80 -0.10 0.00	31.73 -0.13 0.00	24.80 -0.20 0.00	28.67 -0.26 0.00	30.69 -0.28 0.00	28.27 -0.24 0.00	24.71 -0.21 0.00	33.68 -0.20 0.00	31.96 -0.21 0.00	30.98 -0.21 0.00	31.57 -0.22 0.00	30.14 -0.21 0.00	32.49 -0.10 0.00	28.17 -0.09 0.00
ROCHESRG_115KV_T4 355643	32.30 -0.45 0.00	31.23 -0.57 0.00	29.20 -0.46 0.00	28.09 -0.47 0.00	27.16 -0.39 0.00	28.97 -0.31 0.00	28.92 -0.27 0.00	26.92 -0.46 0.00	26.14 -0.33 0.00	29.18 -0.31 0.00	32.49 -0.40 0.00	31.43 -0.42 0.00	24.90 -0.10 0.00	28.91 -0.02 0.00	30.96 -0.01 0.00	28.76 0.25 0.00	25.19 0.27 0.00	34.36 0.47 0.00	32.71 0.54 0.00	31.60 0.40 0.00	32.37 0.58 0.00	31.04 0.69 0.00	33.20 0.60 0.00	28.84 0.58 0.00
ROCHESTER_9_IC 23652	32.50 -0.25 0.00	31.42 -0.38 0.00	29.37 -0.28 0.00	28.25 -0.31 0.00	27.31 -0.23 0.00	29.13 -0.15 0.00	29.08 -0.10 0.00	27.08 -0.30 0.00	26.31 -0.15 0.00	29.38 -0.12 0.00	32.72 -0.17 0.00	31.65 -0.20 0.00	25.07 0.07 0.00	29.11 0.18 0.00	31.18 0.21 0.00	28.97 0.45 0.00	25.38 0.45 0.00	34.63 0.74 0.00	32.96 0.79 0.00	31.85 0.65 0.00	32.61 0.83 0.00	31.27 0.92 0.00	33.42 0.83 0.00	29.03 0.77 0.00
ROCKVIEW_13_KV_LD 356306	34.77 2.01 0.00	33.59 1.78 0.00	31.26 1.60 0.00	30.08 1.52 0.00	28.99 1.44 0.00	30.81 1.53 0.00	30.93 1.74 0.00	29.17 1.79 0.00	28.25 1.78 0.00	31.50 2.00 0.00	35.25 2.36 0.00	34.33 2.48 0.00	35.21 2.32 -7.89	31.81 2.88 0.00	34.11 3.15 0.00	62.53 2.92 -31.10	52.62 2.41 -25.29	41.75 2.87 -4.99	34.95 2.78 0.00	33.91 2.60 -0.11	34.27 2.49 0.00	32.70 2.35 0.00	34.61 2.02 0.00	29.96 1.69 0.00
ROME____115KV_TB2 80656	33.82 1.08 0.00	32.60 0.79 0.00	30.38 0.72 0.00	29.21 0.65 0.00	28.19 0.64 0.00	30.12 0.83 0.00	30.13 0.95 0.00	28.25 0.88 0.00	27.43 0.96 0.00	30.63 1.13 0.00	34.15 1.25 0.00	33.06 1.21 0.00	25.93 0.94 0.00	30.16 1.23 0.00	32.23 1.26 0.00	29.68 1.16 0.00	25.92 0.99 0.00	35.32 1.44 0.00	33.66 1.49 0.00	32.66 1.46 0.00	33.34 1.56 0.00	31.81 1.46 0.00	33.99 1.40 0.00	29.36 1.10 0.00
ROSETON__1 23587	34.26 1.52 0.00	33.14 1.33 0.00	30.85 1.19 0.00	29.71 1.15 0.00	28.64 1.09 0.00	30.42 1.13 0.00	30.50 1.32 0.00	28.71 1.33 0.00	27.76 1.29 0.00	30.94 1.44 0.00	34.61 1.72 0.00	33.68 1.84 0.00	26.74 1.75 0.00	31.09 2.17 0.00	33.32 2.35 0.00	29.43 2.18 1.27	25.69 1.79 1.03	34.42 2.05 1.52	34.19 2.02 0.00	33.12 1.92 0.00	33.63 1.84 0.00	32.09 1.74 0.00	34.00 1.41 0.00	29.47 1.20 0.00
ROSETON__2 23588	34.26 1.52 0.00	33.14 1.33 0.00	30.85 1.19 0.00	29.71 1.15 0.00	28.64 1.09 0.00	30.42 1.13 0.00	30.50 1.32 0.00	28.71 1.33 0.00	27.76 1.29 0.00	30.94 1.44 0.00	34.61 1.72 0.00	33.68 1.84 0.00	26.74 1.75 0.00	31.09 2.17 0.00	33.32 2.35 0.00	29.43 2.18 1.27	25.69 1.79 1.03	34.42 2.05 1.52	34.19 2.02 0.00	33.12 1.92 0.00	33.63 1.84 0.00	32.09 1.74 0.00	34.00 1.41 0.00	29.47 1.20 0.00
ROTTTRDAM_115KV_TB3 80664	34.07 1.32 0.00	33.04 1.24 0.00	30.79 1.14 0.00	29.66 1.09 0.00	28.61 1.06 0.00	30.41 1.12 0.00	30.39 1.21 0.00	28.49 1.11 0.00	27.49 1.02 0.00	30.67 1.17 0.00	34.23 1.33 0.00	33.26 1.41 0.00	27.93 1.25 -1.68	30.37 1.45 0.00	32.52 1.55 0.00	29.89 1.37 0.00	26.10 1.17 0.00	35.88 1.35 -0.64	33.61 1.44 0.00	32.68 1.46 -0.03	33.28 1.50 0.00	31.77 1.42 0.00	33.75 1.16 0.00	29.34 1.07 0.00
RUSSELL__1 23602	32.66 -0.09 0.00	31.59 -0.22 0.00	29.51 -0.15 0.00	28.38 -0.18 0.00	27.44 -0.11 0.00	29.26 -0.03 0.00	29.22 0.04 0.00	27.20 -0.18 0.00	26.44 -0.03 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.82 -0.03 0.00	25.21 0.21 0.00	29.27 0.34 0.00	31.36 0.40 0.00	29.14 0.62 0.00	25.53 0.61 0.00	34.84 0.96 0.00	33.18 1.01 0.00	32.06 0.86 0.00	32.82 1.05 0.00	31.46 1.11 0.00	33.62 1.03 0.00	29.19 0.92 0.00
RUSSELL__2 23532	32.66 -0.09 0.00	31.59 -0.22 0.00	29.51 -0.15 0.00	28.38 -0.18 0.00	27.44 -0.11 0.00	29.26 -0.03 0.00	29.22 0.04 0.00	27.20 -0.18 0.00	26.44 -0.03 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.82 -0.03 0.00	25.21 0.21 0.00	29.27 0.34 0.00	31.36 0.40 0.00	29.14 0.62 0.00	25.53 0.61 0.00	34.84 0.96 0.00	33.18 1.01 0.00	32.06 0.86 0.00	32.82 1.05 0.00	31.46 1.11 0.00	33.62 1.03 0.00	29.19 0.92 0.00
RUSSELL__3 23549	32.66 -0.09 0.00	31.59 -0.22 0.00	29.51 -0.15 0.00	28.38 -0.18 0.00	27.44 -0.11 0.00	29.26 -0.03 0.00	29.22 0.04 0.00	27.20 -0.18 0.00	26.44 -0.03 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.82 -0.03 0.00	25.21 0.21 0.00	29.27 0.34 0.00	31.36 0.40 0.00	29.14 0.62 0.00	25.53 0.61 0.00	34.84 0.96 0.00	33.18 1.01 0.00	32.06 0.86 0.00	32.82 1.05 0.00	31.46 1.11 0.00	33.62 1.03 0.00	29.19 0.92 0.00

RUSSELL___4 23556	32.66 -0.09 0.00	31.59 -0.22 0.00	29.51 -0.15 0.00	28.38 -0.18 0.00	27.44 -0.11 0.00	29.26 -0.03 0.00	29.22 0.04 0.00	27.20 -0.18 0.00	26.44 -0.03 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.82 -0.03 0.00	25.21 0.21 0.00	29.27 0.34 0.00	31.36 0.40 0.00	29.14 0.62 0.00	25.53 0.61 0.00	34.84 0.96 0.00	33.18 1.01 0.00	32.06 0.86 0.00	32.82 1.05 0.00	31.46 1.11 0.00	33.62 1.03 0.00	29.19 0.92 0.00
RUSSELL___STATION 23914	32.66 -0.09 0.00	31.59 -0.22 0.00	29.51 -0.15 0.00	28.38 -0.18 0.00	27.44 -0.11 0.00	29.26 -0.03 0.00	29.22 0.04 0.00	27.20 -0.18 0.00	26.44 -0.03 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.82 -0.03 0.00	25.21 0.21 0.00	29.27 0.34 0.00	31.36 0.40 0.00	29.14 0.62 0.00	25.53 0.61 0.00	34.84 0.96 0.00	33.18 1.01 0.00	32.06 0.86 0.00	32.82 1.05 0.00	31.46 1.11 0.00	33.62 1.03 0.00	29.19 0.92 0.00
S SALMON___HYD 24043	32.55 -0.21 0.00	31.46 -0.34 0.00	29.32 -0.33 0.00	28.21 -0.35 0.00	27.22 -0.33 0.00	28.99 -0.30 0.00	28.97 -0.22 0.00	27.15 -0.22 0.00	26.26 -0.21 0.00	29.27 -0.22 0.00	32.64 -0.26 0.00	31.61 -0.24 0.00	24.85 -0.15 0.00	28.83 -0.10 0.00	30.76 -0.20 0.00	28.19 -0.33 0.00	24.57 -0.36 0.00	33.64 -0.25 0.00	32.17 0.00 0.00	31.16 -0.03 0.00	31.81 0.03 0.00	30.51 0.15 0.00	32.66 0.07 0.00	28.26 0.00 0.00
S.PERRY___115KV_TB1 80734	33.69 0.94 0.00	32.43 0.63 0.00	30.30 0.65 0.00	29.11 0.55 0.00	28.15 0.61 0.00	30.09 0.80 0.00	30.10 0.92 0.00	28.00 0.62 0.00	27.16 0.69 0.00	30.22 0.73 0.00	33.59 0.69 0.00	32.25 0.40 0.00	25.70 0.70 0.00	29.82 0.90 0.00	31.81 0.85 0.00	29.66 1.14 0.00	26.06 1.13 0.00	35.65 1.76 0.00	33.88 1.72 0.00	32.95 1.76 0.00	33.91 2.13 0.00	32.60 2.25 0.00	34.81 2.22 0.00	30.20 1.94 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.14 -0.61 0.00	31.03 -0.78 0.00	29.07 -0.59 0.00	27.96 -0.60 0.00	27.06 -0.49 0.00	28.92 -0.37 0.00	28.82 -0.37 0.00	26.63 -0.75 0.00	25.91 -0.55 0.00	28.93 -0.57 0.00	32.17 -0.73 0.00	31.07 -0.78 0.00	24.73 -0.26 0.00	28.79 -0.14 0.00	30.83 -0.14 0.00	28.80 0.28 0.00	25.24 0.32 0.00	34.43 0.54 0.00	32.77 0.60 0.00	31.57 0.37 0.00	32.48 0.70 0.00	31.27 0.92 0.00	33.53 0.94 0.00	29.22 0.95 0.00
SAWYER___23_KV_LOAD 55526	32.14 -0.61 0.00	31.03 -0.78 0.00	29.07 -0.59 0.00	27.96 -0.60 0.00	27.06 -0.49 0.00	28.92 -0.37 0.00	28.82 -0.37 0.00	26.63 -0.75 0.00	25.91 -0.55 0.00	28.93 -0.57 0.00	32.17 -0.73 0.00	31.07 -0.78 0.00	24.73 -0.26 0.00	28.79 -0.14 0.00	30.83 -0.14 0.00	28.80 0.28 0.00	25.24 0.32 0.00	34.43 0.54 0.00	32.77 0.60 0.00	31.57 0.37 0.00	32.48 0.70 0.00	31.27 0.92 0.00	33.53 0.94 0.00	29.22 0.95 0.00
SELKIRK___I 23801	33.82 1.07 0.00	32.87 1.06 0.00	30.64 0.99 0.00	29.52 0.96 0.00	28.49 0.94 0.00	30.25 0.96 0.00	30.20 1.02 0.00	28.26 0.89 0.00	27.22 0.76 0.00	30.34 0.85 0.00	33.85 0.96 0.00	32.88 1.03 0.00	27.65 0.99 -1.67	30.07 1.15 0.00	32.16 1.20 0.00	29.39 0.87 0.00	25.66 0.73 0.00	35.19 0.68 -0.62	33.02 0.85 0.00	32.12 0.90 -0.03	32.69 0.91 0.00	31.22 0.87 0.00	33.14 0.55 0.00	28.86 0.59 0.00
SELKIRK___II 23799	33.61 0.86 0.00	32.65 0.84 0.00	30.43 0.77 0.00	29.31 0.74 0.00	28.28 0.73 0.00	30.02 0.73 0.00	29.98 0.80 0.00	28.08 0.71 0.00	27.08 0.62 0.00	30.19 0.70 0.00	33.71 0.81 0.00	32.75 0.91 0.00	27.66 0.90 -1.76	29.98 1.05 0.00	32.05 1.08 0.00	29.20 0.69 0.00	25.46 0.53 0.00	34.95 0.40 -0.67	32.73 0.55 0.00	31.83 0.61 -0.03	32.38 0.60 0.00	30.91 0.56 0.00	32.79 0.20 0.00	28.54 0.28 0.00
SENECA OSWGO___HYD 24041	32.00 -0.74 0.00	30.97 -0.83 0.00	28.88 -0.77 0.00	27.79 -0.77 0.00	26.83 -0.72 0.00	28.57 -0.71 0.00	28.55 -0.64 0.00	26.74 -0.63 0.00	25.86 -0.61 0.00	28.83 -0.67 0.00	32.15 -0.75 0.00	31.14 -0.71 0.00	24.57 -0.43 0.00	28.50 -0.43 0.00	30.46 -0.50 0.00	28.09 -0.42 0.00	24.57 -0.36 0.00	33.40 -0.49 0.00	31.82 -0.36 0.00	30.83 -0.36 0.00	31.45 -0.33 0.00	30.04 -0.31 0.00	32.09 -0.50 0.00	27.83 -0.44 0.00
SENECA___115KV_TB3 355854	32.52 -0.23 0.00	31.35 -0.45 0.00	29.36 -0.29 0.00	28.23 -0.32 0.00	27.32 -0.22 0.00	29.18 -0.10 0.00	29.12 -0.06 0.00	26.95 -0.43 0.00	26.23 -0.23 0.00	29.31 -0.18 0.00	32.62 -0.28 0.00	31.50 -0.35 0.00	25.07 0.07 0.00	29.22 0.29 0.00	31.29 0.33 0.00	29.23 0.72 0.00	25.62 0.69 0.00	34.95 1.06 0.00	33.23 1.06 0.00	32.00 0.80 0.00	32.88 1.10 0.00	31.63 1.28 0.00	33.89 1.29 0.00	29.48 1.22 0.00
SENECA___ENERGY 23797	32.49 -0.26 0.00	31.40 -0.41 0.00	29.29 -0.36 0.00	28.22 -0.34 0.00	27.28 -0.27 0.00	29.04 -0.24 0.00	29.06 -0.13 0.00	27.24 -0.14 0.00	26.44 -0.03 0.00	29.46 -0.03 0.00	32.85 -0.05 0.00	31.76 -0.09 0.00	25.11 0.11 0.00	29.16 0.23 0.00	31.21 0.24 0.00	28.92 0.41 0.00	25.32 0.40 0.00	34.32 0.44 0.00	32.66 0.49 0.00	31.69 0.49 0.00	32.35 0.56 0.00	30.94 0.59 0.00	33.03 0.44 0.00	28.60 0.33 0.00
SHOEMAKER___GT 23640	34.11 1.36 0.00	33.00 1.19 0.00	30.72 1.07 0.00	29.58 1.02 0.00	28.52 0.97 0.00	30.27 0.98 0.00	30.33 1.15 0.00	28.53 1.15 0.00	27.60 1.13 0.00	30.76 1.27 0.00	34.43 1.54 0.00	33.47 1.62 0.00	20.36 1.52 6.16	30.83 1.90 0.00	33.06 2.09 0.00	32.35 2.02 -1.81	28.04 1.64 -1.48	34.06 1.89 1.71	34.05 1.88 0.00	32.88 1.78 0.10	33.48 1.70 0.00	31.96 1.61 0.00	33.91 1.32 0.00	29.37 1.10 0.00
SHOEMAKR_138KV_BK 111 55601	34.09 1.34 0.00	32.97 1.16 0.00	30.69 1.04 0.00	29.55 0.99 0.00	28.49 0.94 0.00	30.25 0.96 0.00	30.32 1.14 0.00	28.52 1.14 0.00	27.60 1.13 0.00	30.77 1.27 0.00	34.43 1.54 0.00	33.47 1.63 0.00	20.69 1.53 5.83	30.85 1.92 0.00	33.08 2.11 0.00	32.22 2.02 -1.69	27.95 1.65 -1.38	34.12 1.90 1.67	34.05 1.88 0.00	32.88 1.78 0.09	33.47 1.69 0.00	31.95 1.60 0.00	33.91 1.32 0.00	29.35 1.09 0.00
SHOREHAM_IC_1 23715	36.09 3.27 -0.06	36.03 3.01 -1.22	49.07 2.92 -16.49	31.40 2.83 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.10 2.91 0.00	30.66 3.02 -0.26	29.36 2.89 0.00	32.84 3.06 -0.28	40.23 3.47 -3.86	53.90 3.35 -18.70	60.36 2.74 -32.62	85.42 3.88 -52.62	171.91 4.03 -136.91	54.06 3.18 -22.37	67.20 3.03 -39.24	69.58 3.71 -31.98	52.50 3.62 -16.71	59.96 3.21 -25.56	36.82 3.28 -1.76	35.48 3.29 -1.83	35.62 3.03 0.00	37.44 2.58 -6.60
SHOREHAM_IC_2 23716	36.09 3.27 -0.06	36.03 3.01 -1.22	49.07 2.92 -16.49	31.40 2.83 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.10 2.91 0.00	30.66 3.02 -0.26	29.36 2.89 0.00	32.84 3.06 -0.28	40.23 3.47 -3.86	53.90 3.35 -18.70	60.36 2.74 -32.62	85.42 3.88 -52.62	171.91 4.03 -136.91	54.06 3.18 -22.37	67.20 3.03 -39.24	69.58 3.71 -31.98	52.50 3.62 -16.71	59.96 3.21 -25.56	36.82 3.28 -1.76	35.48 3.29 -1.83	35.62 3.03 0.00	37.44 2.58 -6.60

SISSONVILLE____ 23735	33.26 0.50 0.00	32.28 0.48 0.00	30.01 0.35 0.00	28.94 0.38 0.00	27.81 0.26 0.00	29.39 0.10 0.00	29.03 -0.15 0.00	27.17 -0.21 0.00	26.25 -0.21 0.00	29.29 -0.21 0.00	32.42 -0.48 0.00	31.38 -0.47 0.00	23.78 -1.22 0.00	27.37 -1.55 0.00	29.29 -1.68 0.00	26.95 -1.56 0.00	23.60 -1.32 0.00	32.49 -1.40 0.00	30.81 -1.36 0.00	29.84 -1.35 0.00	30.38 -1.40 0.00	29.19 -1.16 0.00	32.73 0.14 0.00	28.44 0.17 0.00
SITHE_IND_GS1 24169	31.65 -1.10 0.00	30.67 -1.13 0.00	28.59 -1.07 0.00	27.53 -1.03 0.00	26.56 -0.99 0.00	28.28 -1.01 0.00	28.23 -0.96 0.00	26.44 -0.93 0.00	25.58 -0.88 0.00	28.50 -1.00 0.00	31.79 -1.11 0.00	30.79 -1.06 0.00	24.26 -0.74 0.00	28.11 -0.82 0.00	30.09 -0.88 0.00	27.74 -0.77 0.00	24.27 -0.66 0.00	32.97 -0.91 0.00	31.35 -0.82 0.00	30.39 -0.81 0.00	31.00 -0.78 0.00	29.61 -0.74 0.00	31.69 -0.90 0.00	27.48 -0.79 0.00
SITHE_IND_GS2 24170	31.65 -1.10 0.00	30.67 -1.13 0.00	28.59 -1.07 0.00	27.53 -1.03 0.00	26.56 -0.99 0.00	28.28 -1.01 0.00	28.23 -0.96 0.00	26.44 -0.93 0.00	25.58 -0.88 0.00	28.50 -1.00 0.00	31.79 -1.11 0.00	30.79 -1.06 0.00	24.26 -0.74 0.00	28.11 -0.82 0.00	30.09 -0.88 0.00	27.74 -0.77 0.00	24.27 -0.66 0.00	32.97 -0.91 0.00	31.35 -0.82 0.00	30.39 -0.81 0.00	31.00 -0.78 0.00	29.61 -0.74 0.00	31.69 -0.90 0.00	27.48 -0.79 0.00
SITHE_IND_GS3 24171	31.65 -1.10 0.00	30.67 -1.13 0.00	28.59 -1.07 0.00	27.53 -1.03 0.00	26.56 -0.99 0.00	28.28 -1.01 0.00	28.23 -0.96 0.00	26.44 -0.93 0.00	25.58 -0.88 0.00	28.50 -1.00 0.00	31.79 -1.11 0.00	30.79 -1.06 0.00	24.26 -0.74 0.00	28.11 -0.82 0.00	30.09 -0.88 0.00	27.74 -0.77 0.00	24.27 -0.66 0.00	32.97 -0.91 0.00	31.35 -0.82 0.00	30.39 -0.81 0.00	31.00 -0.78 0.00	29.61 -0.74 0.00	31.69 -0.90 0.00	27.48 -0.79 0.00
SITHE_IND_GS4 24172	31.65 -1.10 0.00	30.67 -1.13 0.00	28.59 -1.07 0.00	27.53 -1.03 0.00	26.56 -0.99 0.00	28.28 -1.01 0.00	28.23 -0.96 0.00	26.44 -0.93 0.00	25.58 -0.88 0.00	28.50 -1.00 0.00	31.79 -1.11 0.00	30.79 -1.06 0.00	24.26 -0.74 0.00	28.11 -0.82 0.00	30.09 -0.88 0.00	27.74 -0.77 0.00	24.27 -0.66 0.00	32.97 -0.91 0.00	31.35 -0.82 0.00	30.39 -0.81 0.00	31.00 -0.78 0.00	29.61 -0.74 0.00	31.69 -0.90 0.00	27.48 -0.79 0.00
SITHE____BATAVIA 24024	32.95 0.20 0.00	31.80 -0.01 0.00	29.75 0.10 0.00	28.61 0.05 0.00	27.69 0.14 0.00	29.63 0.34 0.00	29.58 0.40 0.00	27.38 0.01 0.00	26.65 0.19 0.00	29.79 0.29 0.00	33.15 0.25 0.00	32.06 0.21 0.00	25.43 0.43 0.00	29.57 0.64 0.00	31.67 0.71 0.00	29.49 0.98 0.00	25.92 0.99 0.00	35.32 1.44 0.00	33.69 1.52 0.00	32.50 1.31 0.00	33.41 1.64 0.00	32.10 1.75 0.00	34.33 1.74 0.00	29.87 1.60 0.00
SITHE____INDEPEND 23800	31.65 -1.10 0.00	30.67 -1.14 0.00	28.59 -1.07 0.00	27.53 -1.03 0.00	26.56 -0.99 0.00	28.28 -1.00 0.00	28.22 -0.96 0.00	26.44 -0.93 0.00	25.58 -0.88 0.00	28.50 -1.00 0.00	31.79 -1.11 0.00	30.78 -1.06 0.00	24.26 -0.74 0.00	28.11 -0.82 0.00	30.08 -0.88 0.00	27.74 -0.77 0.00	24.26 -0.66 0.00	32.97 -0.91 0.00	31.35 -0.82 0.00	30.39 -0.81 0.00	31.00 -0.78 0.00	29.61 -0.74 0.00	31.69 -0.90 0.00	27.48 -0.79 0.00
SITHE____MASSENA 23902	33.12 0.37 0.00	32.21 0.41 0.00	30.03 0.37 0.00	28.97 0.41 0.00	27.89 0.35 0.00	29.62 0.33 0.00	29.38 0.19 0.00	27.54 0.17 0.00	26.61 0.14 0.00	29.67 0.17 0.00	32.73 -0.17 0.00	31.83 -0.02 0.00	24.30 -0.70 0.00	27.98 -0.94 0.00	29.95 -1.01 0.00	27.61 -0.91 0.00	24.17 -0.75 0.00	33.17 -0.71 0.00	31.42 -0.75 0.00	30.44 -0.76 0.00	30.98 -0.80 0.00	29.60 -0.75 0.00	32.79 0.19 0.00	28.41 0.15 0.00
SITHE____OGDNSBRG 24021	33.72 0.97 0.00	32.74 0.94 0.00	30.49 0.84 0.00	29.41 0.85 0.00	28.29 0.74 0.00	30.02 0.73 0.00	29.73 0.55 0.00	27.89 0.51 0.00	26.93 0.47 0.00	30.07 0.57 0.00	33.15 0.25 0.00	32.18 0.33 0.00	24.44 -0.56 0.00	28.16 -0.77 0.00	30.14 -0.83 0.00	27.80 -0.72 0.00	24.38 -0.55 0.00	33.57 -0.32 0.00	31.78 -0.39 0.00	30.78 -0.41 0.00	31.33 -0.46 0.00	29.98 -0.37 0.00	33.39 0.80 0.00	28.91 0.64 0.00
SITHE____STERLING 23777	33.52 0.77 0.00	32.35 0.54 0.00	30.13 0.48 0.00	29.00 0.43 0.00	27.99 0.44 0.00	29.87 0.58 0.00	29.88 0.69 0.00	28.02 0.64 0.00	27.18 0.71 0.00	30.33 0.84 0.00	33.82 0.93 0.00	32.73 0.88 0.00	25.75 0.75 0.00	29.91 0.99 0.00	32.03 1.06 0.00	29.45 0.94 0.00	25.72 0.80 0.00	35.01 1.12 0.00	33.33 1.16 0.00	32.33 1.14 0.00	33.02 1.25 0.00	31.52 1.17 0.00	33.66 1.07 0.00	29.10 0.84 0.00
SLEIGHT__34_KV_TB1 80719	33.11 0.36 0.00	31.94 0.14 0.00	29.77 0.12 0.00	28.65 0.10 0.00	27.71 0.16 0.00	29.61 0.33 0.00	29.63 0.45 0.00	27.78 0.41 0.00	27.01 0.54 0.00	30.08 0.59 0.00	33.60 0.70 0.00	32.55 0.70 0.00	25.71 0.71 0.00	29.81 0.89 0.00	31.96 0.99 0.00	29.54 1.03 0.00	25.88 0.95 0.00	35.09 1.20 0.00	33.43 1.26 0.00	32.42 1.23 0.00	33.04 1.26 0.00	31.58 1.23 0.00	33.70 1.11 0.00	29.13 0.86 0.00
SOUTH CAIRO____GT 23612	34.81 2.06 0.00	33.81 2.01 0.00	31.51 1.85 0.00	30.33 1.77 0.00	29.27 1.72 0.00	31.06 1.77 0.00	31.04 1.85 0.00	29.05 1.68 0.00	27.96 1.50 0.00	31.20 1.71 0.00	34.83 1.93 0.00	33.81 1.96 0.00	28.06 1.70 -1.37	30.83 1.91 0.00	33.14 2.17 0.00	30.30 1.78 0.00	26.53 1.60 0.00	36.23 1.87 -0.48	34.39 2.22 0.00	33.27 2.08 0.00	33.91 2.13 0.00	32.35 2.00 0.00	34.21 1.62 0.00	29.71 1.45 0.00
SOUTH HAMPTN____IC 23720	36.79 3.98 -0.06	36.72 3.70 -1.22	49.68 3.54 -16.49	31.97 3.40 0.00	30.78 3.23 0.00	32.71 3.42 0.00	32.68 3.49 0.00	31.23 3.59 -0.26	29.97 3.51 0.00	33.57 3.80 -0.28	41.17 4.42 -3.86	55.03 4.49 -18.70	60.81 3.86 -31.94	86.33 4.79 -52.61	172.96 5.09 -136.91	55.44 4.56 -22.36	66.39 3.92 -37.54	68.63 4.89 -29.86	52.62 4.73 -15.72	59.01 4.45 -23.37	37.61 4.23 -1.61	36.26 4.09 -1.82	36.45 3.85 0.00	38.11 3.25 -6.60
SOUTHDOW_115KV_TB1 355954	33.72 0.97 0.00	32.31 0.50 0.00	30.17 0.52 0.00	29.07 0.51 0.00	28.11 0.56 0.00	29.77 0.48 0.00	29.88 0.70 0.00	27.84 0.47 0.00	27.35 0.89 0.00	30.74 1.25 0.00	34.32 1.42 0.00	33.10 1.25 0.00	26.32 1.32 0.00	30.75 1.83 0.00	32.72 1.75 0.00	30.52 2.01 0.00	26.68 1.75 0.00	36.29 2.40 0.00	34.45 2.28 0.00	33.13 1.94 0.00	33.96 2.18 0.00	32.62 2.27 0.00	34.87 2.27 0.00	30.21 1.95 0.00
SOUTHOLD_69_KV_BK 2 55809	37.68 4.87 -0.06	37.57 4.55 -1.22	50.44 4.30 -16.48	32.71 4.14 0.00	31.48 3.93 0.00	33.42 4.14 0.00	33.42 4.24 0.00	31.98 4.34 -0.26	30.67 4.20 0.00	33.91 4.13 -0.28	41.67 4.91 -3.86	55.50 4.95 -18.70	61.21 4.26 -31.95	86.75 5.21 -52.61	173.47 5.59 -136.91	55.95 5.07 -22.36	66.89 4.39 -37.58	69.38 5.60 -29.89	53.33 5.42 -15.74	59.65 5.05 -23.41	38.13 4.74 -1.61	36.67 4.50 -1.82	36.89 4.30 0.00	38.43 3.56 -6.60

SOUTHOLD___IC 23719	37.68 4.87 -0.06	37.57 4.55 -1.22	50.44 4.30 -16.49	32.71 4.14 0.00	31.48 3.93 0.00	33.42 4.14 0.00	33.42 4.24 0.00	31.98 4.34 -0.26	30.67 4.20 0.00	33.91 4.13 -0.28	41.67 4.91 -3.86	55.50 4.95 -18.70	61.21 4.26 -31.95	86.75 5.21 -52.61	173.47 5.59 -136.91	55.94 5.06 -22.36	66.89 4.39 -37.58	69.38 5.60 -29.89	53.32 5.41 -15.74	59.65 5.05 -23.41	38.14 4.75 -1.61	36.67 4.50 -1.82	36.89 4.30 0.00	38.42 3.56 -6.60
SPIERFLS_115KV_TB 1 80737	34.67 1.92 0.00	33.70 1.89 0.00	31.41 1.75 0.00	30.25 1.69 0.00	29.20 1.65 0.00	30.91 1.62 0.00	30.93 1.75 0.00	28.99 1.61 0.00	27.92 1.45 0.00	31.24 1.75 0.00	34.64 1.75 0.00	33.74 1.89 0.00	28.18 1.45 -1.74	30.55 1.62 0.00	32.66 1.69 0.00	30.05 1.53 0.00	26.27 1.35 0.00	35.98 1.42 -0.67	34.01 1.84 0.00	33.10 1.88 -0.03	33.99 2.21 0.00	32.43 2.08 0.00	34.33 1.74 0.00	29.84 1.57 0.00
ST LAWRENCE____ 23600	32.58 -0.18 0.00	31.73 -0.07 0.00	29.61 -0.05 0.00	28.56 -0.01 0.00	27.49 -0.05 0.00	29.20 -0.09 0.00	28.96 -0.22 0.00	27.17 -0.20 0.00	26.24 -0.22 0.00	29.26 -0.24 0.00	32.54 -0.35 0.00	31.44 -0.40 0.00	24.28 -0.72 0.00	27.96 -0.97 0.00	29.92 -1.04 0.00	27.58 -0.93 0.00	24.15 -0.78 0.00	33.11 -0.77 0.00	31.36 -0.81 0.00	30.38 -0.81 0.00	30.92 -0.86 0.00	29.51 -0.84 0.00	32.26 -0.34 0.00	27.95 -0.32 0.00
STATE_CA_115KV_115_LB 55624	33.68 0.93 0.00	32.73 0.93 0.00	30.50 0.84 0.00	29.39 0.82 0.00	28.35 0.80 0.00	30.10 0.81 0.00	30.05 0.87 0.00	28.16 0.78 0.00	27.17 0.70 0.00	30.31 0.82 0.00	33.85 0.96 0.00	32.93 1.08 0.00	27.82 1.03 -1.80	30.13 1.20 0.00	32.26 1.29 0.00	29.53 1.02 0.00	25.79 0.87 0.00	35.40 0.83 -0.69	33.12 0.95 0.00	32.20 0.98 -0.03	32.75 0.97 0.00	31.25 0.90 0.00	33.12 0.53 0.00	28.82 0.56 0.00
STATE_ST_34_KV_LOAD 55959	32.88 0.14 0.00	32.03 0.22 0.00	29.83 0.18 0.00	28.78 0.21 0.00	27.82 0.27 0.00	29.47 0.19 0.00	29.43 0.24 0.00	27.61 0.23 0.00	26.80 0.33 0.00	29.74 0.24 0.00	33.24 0.34 0.00	32.20 0.35 0.00	25.44 0.44 0.00	29.52 0.59 0.00	31.56 0.59 0.00	29.17 0.66 0.00	25.55 0.63 0.00	34.60 0.71 0.00	32.86 0.69 0.00	31.96 0.77 0.00	32.59 0.81 0.00	31.16 0.81 0.00	33.28 0.69 0.00	28.75 0.49 0.00
STATION 5_MISC_HYD 23604	32.50 -0.25 0.00	31.42 -0.39 0.00	29.37 -0.29 0.00	28.25 -0.31 0.00	27.31 -0.23 0.00	29.13 -0.15 0.00	29.08 -0.10 0.00	27.08 -0.30 0.00	26.31 -0.15 0.00	29.38 -0.11 0.00	32.73 -0.17 0.00	31.66 -0.18 0.00	25.08 0.08 0.00	29.11 0.19 0.00	31.21 0.24 0.00	28.98 0.46 0.00	25.39 0.47 0.00	34.63 0.74 0.00	32.97 0.80 0.00	31.84 0.65 0.00	32.61 0.83 0.00	31.27 0.92 0.00	33.42 0.83 0.00	29.03 0.77 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.71 -0.04 0.00	31.57 -0.24 0.00	29.45 -0.20 0.00	28.34 -0.22 0.00	27.41 -0.14 0.00	29.24 -0.04 0.00	29.24 0.06 0.00	27.34 -0.04 0.00	26.57 0.11 0.00	29.65 0.15 0.00	33.04 0.14 0.00	31.96 0.11 0.00	25.32 0.32 0.00	29.37 0.45 0.00	31.48 0.51 0.00	29.17 0.65 0.00	25.56 0.63 0.00	34.78 0.89 0.00	33.12 0.95 0.00	32.05 0.85 0.00	32.75 0.97 0.00	31.34 0.99 0.00	33.46 0.86 0.00	29.00 0.73 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.32 -0.43 0.00	31.23 -0.57 0.00	29.19 -0.47 0.00	28.08 -0.49 0.00	27.15 -0.40 0.00	28.96 -0.33 0.00	28.91 -0.27 0.00	26.95 -0.43 0.00	26.18 -0.28 0.00	29.24 -0.25 0.00	32.58 -0.32 0.00	31.52 -0.33 0.00	24.96 -0.03 0.00	28.98 0.05 0.00	31.04 0.07 0.00	28.82 0.30 0.00	25.26 0.33 0.00	34.45 0.56 0.00	32.80 0.63 0.00	31.68 0.48 0.00	32.43 0.64 0.00	31.08 0.72 0.00	33.21 0.61 0.00	28.83 0.56 0.00
STA_56___34_KV_BUS2 355983	32.32 -0.43 0.00	31.23 -0.57 0.00	29.19 -0.47 0.00	28.08 -0.49 0.00	27.15 -0.40 0.00	28.96 -0.33 0.00	28.91 -0.27 0.00	26.95 -0.43 0.00	26.18 -0.28 0.00	29.24 -0.25 0.00	32.58 -0.32 0.00	31.52 -0.33 0.00	24.96 -0.03 0.00	28.98 0.05 0.00	31.04 0.07 0.00	28.82 0.30 0.00	25.26 0.33 0.00	34.45 0.56 0.00	32.80 0.63 0.00	31.68 0.48 0.00	32.43 0.64 0.00	31.08 0.72 0.00	33.21 0.61 0.00	28.83 0.56 0.00
STA_67___115KV_BK2 355882	32.43 -0.32 0.00	31.35 -0.45 0.00	29.30 -0.35 0.00	28.19 -0.37 0.00	27.26 -0.29 0.00	29.08 -0.21 0.00	29.02 -0.16 0.00	27.02 -0.36 0.00	26.25 -0.22 0.00	29.30 -0.19 0.00	32.64 -0.26 0.00	31.56 -0.28 0.00	25.01 0.01 0.00	29.04 0.11 0.00	31.10 0.13 0.00	28.89 0.37 0.00	25.31 0.39 0.00	34.53 0.64 0.00	32.87 0.70 0.00	31.75 0.56 0.00	32.53 0.74 0.00	31.19 0.84 0.00	33.35 0.75 0.00	28.97 0.70 0.00
STA_7___115KV_9TRANS 80674	32.66 -0.09 0.00	31.59 -0.22 0.00	29.51 -0.15 0.00	28.38 -0.18 0.00	27.44 -0.11 0.00	29.26 -0.03 0.00	29.22 0.04 0.00	27.20 -0.18 0.00	26.44 -0.03 0.00	29.53 0.04 0.00	32.90 0.00 0.00	31.82 -0.03 0.00	25.21 0.21 0.00	29.27 0.34 0.00	31.36 0.40 0.00	29.14 0.62 0.00	25.53 0.61 0.00	34.84 0.96 0.00	33.18 1.01 0.00	32.06 0.86 0.00	32.82 1.05 0.00	31.46 1.11 0.00	33.62 1.03 0.00	29.19 0.92 0.00
STA_82___115KV_TB1 80780	32.45 -0.30 0.00	31.38 -0.43 0.00	29.33 -0.33 0.00	28.21 -0.35 0.00	27.28 -0.27 0.00	29.10 -0.19 0.00	29.04 -0.14 0.00	27.04 -0.34 0.00	26.27 -0.20 0.00	29.33 -0.17 0.00	32.66 -0.23 0.00	31.60 -0.25 0.00	25.03 0.03 0.00	29.06 0.13 0.00	31.12 0.15 0.00	28.92 0.40 0.00	25.34 0.41 0.00	34.56 0.67 0.00	32.90 0.72 0.00	31.78 0.58 0.00	32.55 0.77 0.00	31.22 0.86 0.00	33.37 0.78 0.00	28.99 0.72 0.00
STEEL___WIND 323596	32.49 -0.26 0.00	31.33 -0.48 0.00	29.33 -0.32 0.00	28.21 -0.35 0.00	27.30 -0.24 0.00	29.16 -0.12 0.00	29.10 -0.08 0.00	26.93 -0.45 0.00	26.21 -0.25 0.00	29.29 -0.20 0.00	32.59 -0.30 0.00	31.50 -0.35 0.00	25.05 0.05 0.00	29.19 0.26 0.00	31.30 0.33 0.00	29.21 0.70 0.00	25.60 0.68 0.00	34.91 1.02 0.00	33.20 1.03 0.00	31.96 0.77 0.00	32.85 1.07 0.00	31.61 1.25 0.00	33.86 1.27 0.00	29.46 1.20 0.00
STEPHTWN_115KV_BK_2 55603	33.90 1.15 0.00	32.92 1.12 0.00	30.63 0.98 0.00	29.48 0.93 0.00	28.46 0.91 0.00	30.27 0.98 0.00	30.23 1.04 0.00	28.31 0.93 0.00	27.28 0.81 0.00	30.43 0.94 0.00	34.01 1.11 0.00	33.08 1.23 0.00	27.94 1.13 -1.82	30.32 1.40 0.00	32.50 1.53 0.00	29.74 1.23 0.00	25.97 1.05 0.00	35.68 1.10 -0.69	33.30 1.13 0.00	32.41 1.19 -0.03	32.86 1.08 0.00	31.33 0.98 0.00	33.26 0.67 0.00	28.90 0.63 0.00
STEUBEN_REC_LFGE 323667	33.36 0.61 0.00	32.07 0.27 0.00	29.96 0.30 0.00	28.76 0.20 0.00	27.84 0.30 0.00	29.78 0.49 0.00	29.75 0.56 0.00	27.66 0.29 0.00	26.95 0.48 0.00	30.15 0.66 0.00	33.59 0.69 0.00	32.35 0.50 0.00	25.65 0.65 0.00	29.90 0.97 0.00	32.01 1.05 0.00	29.82 1.30 0.00	26.03 1.10 0.00	35.52 1.63 0.00	33.89 1.72 0.00	32.77 1.58 0.00	33.60 1.82 0.00	32.22 1.87 0.00	34.40 1.81 0.00	29.84 1.58 0.00

STONY___BROOK 24151	36.02 3.21 -0.06	36.08 3.06 -1.22	49.05 2.91 -16.49	31.33 2.76 0.00	30.17 2.62 0.00	32.01 2.72 0.00	31.99 2.81 0.00	30.54 2.90 -0.26	29.26 2.79 0.00	32.83 3.06 -0.28	40.31 3.56 -3.86	54.18 3.64 -18.70	64.25 3.23 -36.02	85.42 3.87 -52.62	171.89 4.01 -136.91	54.56 3.67 -22.37	75.70 3.04 -47.74	80.20 3.68 -42.64	57.43 3.59 -21.68	71.10 3.37 -36.54	37.47 3.17 -2.52	35.54 3.27 -1.93	35.62 3.02 0.00	37.39 2.53 -6.60
STURGEON_POOL_HYD 23609	34.39 1.63 0.00	33.15 1.35 0.00	30.84 1.19 0.00	29.69 1.13 0.00	28.62 1.07 0.00	30.44 1.16 0.00	30.58 1.40 0.00	28.82 1.44 0.00	27.88 1.42 0.00	31.07 1.58 0.00	34.78 1.89 0.00	33.89 2.04 0.00	26.96 1.96 0.00	31.39 2.46 0.00	33.66 2.70 0.00	31.12 2.60 0.00	27.07 2.14 0.00	36.36 2.48 0.00	34.55 2.38 0.00	33.42 2.23 0.00	33.92 2.14 0.00	32.36 2.01 0.00	34.26 1.66 0.00	29.66 1.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.26 1.51 0.00	33.05 1.24 0.00	30.75 1.10 0.00	29.59 1.03 0.00	28.52 0.98 0.00	30.36 1.07 0.00	30.46 1.27 0.00	28.66 1.28 0.00	27.75 1.28 0.00	30.96 1.47 0.00	34.65 1.75 0.00	33.71 1.86 0.00	19.54 1.77 7.23	31.14 2.21 0.00	33.39 2.42 0.00	33.01 2.27 -2.22	28.63 1.90 -1.80	34.22 2.20 1.86	34.30 2.13 0.00	33.08 2.00 0.11	33.67 1.90 0.00	32.15 1.80 0.00	34.07 1.48 0.00	29.48 1.22 0.00
SWANROAD_115KV_TB1 355699	31.60 -1.15 0.00	30.59 -1.21 0.00	28.68 -0.98 0.00	27.58 -0.98 0.00	26.70 -0.85 0.00	28.57 -0.72 0.00	28.42 -0.76 0.00	26.09 -1.28 0.00	25.37 -1.10 0.00	28.28 -1.22 0.00	31.44 -1.45 0.00	30.42 -1.43 0.00	24.23 -0.77 0.00	28.16 -0.76 0.00	30.15 -0.81 0.00	28.18 -0.33 0.00	24.73 -0.20 0.00	33.71 -0.18 0.00	32.12 -0.05 0.00	30.95 -0.24 0.00	31.91 0.12 0.00	30.71 0.36 0.00	32.96 0.37 0.00	28.77 0.51 0.00
SYNERGY___BIOGAS 323694	32.95 0.20 0.00	31.80 -0.01 0.00	29.75 0.10 0.00	28.61 0.05 0.00	27.69 0.14 0.00	29.63 0.34 0.00	29.58 0.40 0.00	27.38 0.01 0.00	26.65 0.19 0.00	29.79 0.29 0.00	33.15 0.25 0.00	32.06 0.21 0.00	25.43 0.43 0.00	29.57 0.64 0.00	31.67 0.71 0.00	29.49 0.98 0.00	25.92 0.99 0.00	35.32 1.44 0.00	33.69 1.52 0.00	32.50 1.31 0.00	33.41 1.64 0.00	32.10 1.75 0.00	34.33 1.74 0.00	29.87 1.60 0.00
SYRACUSE___ENERGY_ST1 323597	32.51 -0.24 0.00	31.44 -0.36 0.00	29.31 -0.34 0.00	28.21 -0.34 0.00	27.24 -0.31 0.00	29.04 -0.25 0.00	29.01 -0.18 0.00	27.19 -0.19 0.00	26.32 -0.14 0.00	29.33 -0.17 0.00	32.74 -0.16 0.00	31.71 -0.14 0.00	25.01 0.01 0.00	29.03 0.10 0.00	31.04 0.07 0.00	28.64 0.12 0.00	25.06 0.14 0.00	34.04 0.15 0.00	32.37 0.20 0.00	31.38 0.18 0.00	32.00 0.22 0.00	30.57 0.22 0.00	32.66 0.06 0.00	28.29 0.02 0.00
SYRACUSE___ENERGY_ST2 323598	32.51 -0.24 0.00	31.44 -0.36 0.00	29.31 -0.34 0.00	28.21 -0.34 0.00	27.24 -0.31 0.00	29.04 -0.25 0.00	29.01 -0.18 0.00	27.19 -0.19 0.00	26.32 -0.14 0.00	29.33 -0.17 0.00	32.74 -0.16 0.00	31.71 -0.14 0.00	25.01 0.01 0.00	29.03 0.10 0.00	31.04 0.07 0.00	28.64 0.12 0.00	25.06 0.14 0.00	34.04 0.15 0.00	32.37 0.20 0.00	31.38 0.18 0.00	32.00 0.22 0.00	30.57 0.22 0.00	32.66 0.06 0.00	28.29 0.02 0.00
SYRACUSE___POWER 24017	32.55 -0.20 0.00	31.47 -0.33 0.00	29.35 -0.30 0.00	28.24 -0.32 0.00	27.26 -0.29 0.00	29.04 -0.25 0.00	29.02 -0.17 0.00	27.18 -0.20 0.00	26.31 -0.15 0.00	29.34 -0.15 0.00	32.73 -0.17 0.00	31.69 -0.16 0.00	25.01 0.01 0.00	29.03 0.11 0.00	31.06 0.10 0.00	28.64 0.12 0.00	25.05 0.12 0.00	34.06 0.18 0.00	32.40 0.22 0.00	31.38 0.19 0.00	32.01 0.23 0.00	30.57 0.22 0.00	32.65 0.06 0.00	28.29 0.02 0.00
TALLMAN___138KV_BK151 55660	34.44 1.69 0.00	33.23 1.42 0.00	30.92 1.26 0.00	29.76 1.20 0.00	28.68 1.13 0.00	30.49 1.20 0.00	30.61 1.43 0.00	28.82 1.44 0.00	27.91 1.45 0.00	31.15 1.65 0.00	34.87 1.97 0.00	33.94 2.09 0.00	17.03 1.98 9.94	31.41 2.48 0.00	33.69 2.72 0.00	34.30 2.53 -3.25	29.67 2.10 -2.64	34.14 2.49 2.23	34.55 2.38 0.00	33.25 2.21 0.15	33.87 2.09 0.00	32.34 1.99 0.00	34.25 1.66 0.00	29.59 1.33 0.00
TEALLAVE_115KV_TB7 355573	32.37 -0.38 0.00	31.31 -0.49 0.00	29.20 -0.45 0.00	28.09 -0.47 0.00	27.12 -0.43 0.00	28.90 -0.39 0.00	28.86 -0.32 0.00	27.02 -0.36 0.00	26.14 -0.33 0.00	29.16 -0.33 0.00	32.53 -0.37 0.00	31.51 -0.34 0.00	24.87 -0.13 0.00	28.85 -0.07 0.00	30.87 -0.10 0.00	28.47 -0.05 0.00	24.90 -0.03 0.00	33.84 -0.04 0.00	32.19 0.02 0.00	31.18 -0.02 0.00	31.81 0.03 0.00	30.38 0.03 0.00	32.45 -0.15 0.00	28.11 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	32.34 -0.42 0.00	31.24 -0.57 0.00	29.26 -0.39 0.00	28.14 -0.42 0.00	27.24 -0.31 0.00	29.14 -0.15 0.00	29.05 -0.14 0.00	26.80 -0.58 0.00	26.08 -0.38 0.00	29.10 -0.39 0.00	32.38 -0.51 0.00	31.30 -0.55 0.00	24.90 -0.11 0.00	28.95 0.02 0.00	30.99 0.02 0.00	28.93 0.42 0.00	25.39 0.46 0.00	34.66 0.77 0.00	32.99 0.82 0.00	31.82 0.63 0.00	32.74 0.97 0.00	31.49 1.13 0.00	33.73 1.14 0.00	29.39 1.13 0.00
TEMPLE___115KV_TB 2 55572	32.40 -0.35 0.00	31.34 -0.47 0.00	29.21 -0.44 0.00	28.11 -0.45 0.00	27.15 -0.40 0.00	28.92 -0.37 0.00	28.89 -0.29 0.00	27.04 -0.34 0.00	26.16 -0.30 0.00	29.18 -0.31 0.00	32.56 -0.33 0.00	31.54 -0.31 0.00	24.89 -0.11 0.00	28.88 -0.05 0.00	30.90 -0.07 0.00	28.50 -0.01 0.00	24.93 0.00 0.00	33.88 -0.01 0.00	32.23 0.05 0.00	31.20 0.01 0.00	31.84 0.06 0.00	30.41 0.05 0.00	32.47 -0.12 0.00	28.14 -0.13 0.00
TIANA___69_KV_BK 1 55817	36.59 3.78 -0.06	36.52 3.49 -1.22	49.49 3.35 -16.48	31.79 3.23 0.00	30.62 3.07 0.00	32.55 3.27 0.00	32.51 3.32 0.00	31.06 3.42 -0.26	29.80 3.33 0.00	33.38 3.61 -0.28	40.94 4.19 -3.86	54.81 4.26 -18.70	60.62 3.67 -31.95	86.11 4.57 -52.61	172.73 4.85 -136.91	55.20 4.32 -22.36	66.21 3.71 -37.57	68.38 4.61 -29.89	52.39 4.48 -15.73	58.80 4.21 -23.40	37.40 4.01 -1.61	36.07 3.90 -1.82	36.25 3.66 0.00	37.94 3.08 -6.60
TILDEN___115KV_TB1 80814	32.55 -0.20 0.00	31.47 -0.33 0.00	29.35 -0.30 0.00	28.24 -0.32 0.00	27.26 -0.29 0.00	29.04 -0.25 0.00	29.02 -0.17 0.00	27.18 -0.20 0.00	26.31 -0.15 0.00	29.34 -0.15 0.00	32.73 -0.17 0.00	31.69 -0.16 0.00	25.01 0.01 0.00	29.03 0.11 0.00	31.06 0.10 0.00	28.64 0.12 0.00	25.05 0.12 0.00	34.06 0.18 0.00	32.40 0.22 0.00	31.38 0.19 0.00	32.01 0.23 0.00	30.57 0.22 0.00	32.65 0.06 0.00	28.29 0.02 0.00
TRIGEN___CC 323695	35.27 2.46 -0.06	35.25 2.23 -1.22	48.18 2.04 -16.48	30.51 1.95 0.00	29.38 1.84 0.00	31.22 1.94 0.00	31.27 2.08 0.00	29.74 2.11 -0.26	28.55 2.09 0.00	32.08 2.31 -0.28	39.49 2.73 -3.86	53.34 2.80 -18.69	52.31 2.57 -24.75	84.67 3.15 -52.59	171.28 3.41 -136.91	53.99 3.13 -22.35	47.05 2.57 -19.56	44.20 3.02 -7.29	40.33 2.95 -5.21	34.06 2.75 -0.11	34.40 2.62 0.00	34.57 2.59 -1.63	34.86 2.27 0.00	36.77 1.90 -6.60

TRINITY__115KV__4 BK 55933	33.54 0.79 0.00	32.61 0.81 0.00	30.39 0.73 0.00	29.28 0.72 0.00	28.25 0.70 0.00	29.99 0.70 0.00	29.93 0.74 0.00	28.02 0.65 0.00	27.02 0.55 0.00	30.13 0.64 0.00	33.64 0.75 0.00	32.74 0.89 0.00	27.69 0.87 -1.82	29.93 1.00 0.00	32.03 1.07 0.00	29.32 0.80 0.00	25.60 0.67 0.00	35.13 0.54 -0.70	32.88 0.71 0.00	32.00 0.77 -0.03	32.54 0.76 0.00	31.06 0.71 0.00	32.93 0.34 0.00	28.68 0.41 0.00
UNION__PROCESSING_DRP 323587	32.46 -0.29 0.00	31.39 -0.42 0.00	29.34 -0.31 0.00	28.22 -0.34 0.00	27.29 -0.26 0.00	29.11 -0.18 0.00	29.05 -0.13 0.00	27.05 -0.33 0.00	26.28 -0.19 0.00	29.35 -0.15 0.00	32.68 -0.21 0.00	31.61 -0.24 0.00	25.04 0.04 0.00	29.07 0.15 0.00	31.14 0.17 0.00	28.93 0.42 0.00	25.34 0.42 0.00	34.57 0.69 0.00	32.91 0.74 0.00	31.79 0.60 0.00	32.57 0.79 0.00	31.23 0.88 0.00	33.38 0.79 0.00	29.00 0.73 0.00
UPPER HUDSON__HYD 24058	34.67 1.92 0.00	33.70 1.89 0.00	31.41 1.76 0.00	30.25 1.69 0.00	29.20 1.65 0.00	30.91 1.62 0.00	30.93 1.75 0.00	28.99 1.61 0.00	27.92 1.45 0.00	31.24 1.75 0.00	34.64 1.75 0.00	33.74 1.89 0.00	28.18 1.45 -1.74	30.55 1.62 0.00	32.65 1.68 0.00	30.05 1.53 0.00	26.27 1.34 0.00	35.98 1.42 -0.67	34.01 1.84 0.00	33.10 1.88 -0.03	33.99 2.21 0.00	32.43 2.08 0.00	34.33 1.74 0.00	29.84 1.57 0.00
UPPER RAQUET__HYD 24056	33.26 0.50 0.00	32.28 0.48 0.00	30.00 0.35 0.00	28.94 0.38 0.00	27.81 0.26 0.00	29.39 0.10 0.00	29.03 -0.15 0.00	27.16 -0.21 0.00	26.25 -0.21 0.00	29.29 -0.21 0.00	32.42 -0.48 0.00	31.38 -0.47 0.00	23.78 -1.22 0.00	27.37 -1.56 0.00	29.28 -1.68 0.00	26.95 -1.56 0.00	23.60 -1.32 0.00	32.49 -1.40 0.00	30.81 -1.36 0.00	29.84 -1.35 0.00	30.38 -1.40 0.00	29.19 -1.16 0.00	32.73 0.14 0.00	28.44 0.17 0.00
VALLEY44_115KV_TB2 355964	32.53 -0.22 0.00	31.39 -0.41 0.00	29.40 -0.25 0.00	28.23 -0.33 0.00	27.35 -0.20 0.00	29.18 -0.11 0.00	29.27 0.09 0.00	27.18 -0.20 0.00	26.47 0.00 0.00	29.65 0.16 0.00	32.89 -0.01 0.00	31.55 -0.30 0.00	25.04 0.04 0.00	29.22 0.30 0.00	31.40 0.43 0.00	29.26 0.75 0.00	25.46 0.54 0.00	34.74 0.86 0.00	32.94 0.77 0.00	31.72 0.53 0.00	32.49 0.70 0.00	31.23 0.87 0.00	33.44 0.85 0.00	29.10 0.83 0.00
VALLEY__115KV_TB 1-4 80826	32.96 0.20 0.00	31.84 0.04 0.00	29.64 -0.01 0.00	28.52 -0.04 0.00	27.51 -0.04 0.00	29.37 0.08 0.00	29.34 0.16 0.00	27.55 0.18 0.00	26.66 0.19 0.00	29.75 0.25 0.00	33.21 0.31 0.00	32.20 0.35 0.00	25.46 0.46 0.00	29.48 0.55 0.00	31.57 0.60 0.00	28.98 0.47 0.00	25.32 0.40 0.00	34.16 0.27 0.00	32.49 0.32 0.00	31.64 0.44 0.00	32.28 0.50 0.00	30.86 0.51 0.00	32.73 0.14 0.00	28.36 0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.97 1.22 0.00	32.91 1.10 0.00	30.65 1.00 0.00	29.50 0.95 0.00	28.46 0.91 0.00	30.18 0.90 0.00	30.22 1.03 0.00	28.38 1.00 0.00	27.53 1.06 0.00	30.75 1.25 0.00	34.33 1.43 0.00	33.29 1.44 0.00	26.28 1.28 0.00	30.50 1.58 0.00	32.69 1.73 0.00	30.16 1.65 0.00	26.31 1.39 0.00	35.63 1.74 0.00	33.89 1.71 0.00	32.82 1.63 0.00	33.43 1.65 0.00	31.90 1.55 0.00	33.99 1.40 0.00	29.43 1.16 0.00
VISCHER__FERRY HYD 24020	34.13 1.38 0.00	33.22 1.41 0.00	30.96 1.31 0.00	29.82 1.27 0.00	28.79 1.25 0.00	30.56 1.27 0.00	30.47 1.29 0.00	28.51 1.14 0.00	27.46 1.00 0.00	30.63 1.14 0.00	34.17 1.27 0.00	33.25 1.40 0.00	28.11 1.27 -1.84	30.35 1.42 0.00	32.47 1.50 0.00	29.73 1.21 0.00	25.98 1.05 0.00	35.66 1.07 -0.72	33.47 1.30 0.00	32.63 1.40 -0.03	33.24 1.46 0.00	31.72 1.37 0.00	33.60 1.01 0.00	29.29 1.02 0.00
V_A_10_SYNC_DSASP 323832	31.90 -0.85 0.00	30.82 -0.98 0.00	28.88 -0.77 0.00	27.77 -0.79 0.00	26.88 -0.67 0.00	28.71 -0.58 0.00	28.63 -0.56 0.00	26.51 -0.86 0.00	25.76 -0.70 0.00	28.75 -0.74 0.00	31.96 -0.93 0.00	30.88 -0.97 0.00	24.53 -0.47 0.00	28.51 -0.42 0.00	30.53 -0.43 0.00	28.46 -0.05 0.00	24.92 0.00 0.00	34.00 0.11 0.00	32.36 0.19 0.00	31.21 0.01 0.00	32.06 0.28 0.00	30.84 0.49 0.00	33.04 0.45 0.00	28.78 0.52 0.00
V_CMM_10_SYNC_DSASP 323787	32.70 -0.05 0.00	31.85 0.04 0.00	29.71 0.06 0.00	28.66 0.10 0.00	27.60 0.05 0.00	29.31 0.03 0.00	29.09 -0.10 0.00	27.29 -0.09 0.00	26.36 -0.11 0.00	29.39 -0.10 0.00	32.75 -0.15 0.00	31.59 -0.26 0.00	24.39 -0.61 0.00	28.09 -0.84 0.00	30.07 -0.89 0.00	27.72 -0.80 0.00	24.27 -0.66 0.00	33.27 -0.61 0.00	31.51 -0.66 0.00	30.53 -0.67 0.00	31.07 -0.71 0.00	29.65 -0.70 0.00	32.40 -0.19 0.00	28.06 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	33.53 0.78 0.00	32.68 0.88 0.00	30.44 0.79 0.00	29.37 0.81 0.00	28.33 0.78 0.00	29.98 0.70 0.00	29.86 0.67 0.00	28.00 0.63 0.00	26.96 0.50 0.00	30.11 0.62 0.00	33.92 1.03 0.00	32.54 0.69 0.00	25.21 0.21 0.00	28.98 0.06 0.00	30.97 0.00 0.00	28.50 -0.01 0.00	24.98 0.06 0.00	34.21 0.32 0.00	32.61 0.43 0.00	31.64 0.45 0.00	32.25 0.47 0.00	30.75 0.39 0.00	33.27 0.68 0.00	28.95 0.68 0.00
V_E_10_SYNC_DSASP 323830	35.27 2.52 0.00	33.85 2.05 0.00	31.54 1.88 0.00	30.34 1.78 0.00	29.28 1.73 0.00	31.38 2.10 0.00	31.55 2.36 0.00	29.67 2.30 0.00	28.86 2.39 0.00	32.19 2.69 0.00	35.69 2.79 0.00	34.37 2.52 0.00	27.12 2.12 0.00	31.52 2.59 0.00	33.91 2.95 0.00	31.63 3.11 0.00	27.46 2.54 0.00	37.36 3.48 0.00	35.47 3.30 0.00	34.37 3.17 0.00	35.19 3.41 0.00	33.60 3.25 0.00	35.76 3.17 0.00	30.78 2.52 0.00
V_F_30_NSYNC__DSASP 323816	34.67 1.92 0.00	33.69 1.89 0.00	31.40 1.74 0.00	30.23 1.67 0.00	29.18 1.63 0.00	30.97 1.68 0.00	30.94 1.76 0.00	28.99 1.61 0.00	27.95 1.48 0.00	31.20 1.71 0.00	34.77 1.87 0.00	33.83 1.98 0.00	28.41 1.66 -1.75	30.81 1.89 0.00	32.97 2.01 0.00	30.30 1.78 0.00	26.49 1.56 0.00	36.36 1.81 -0.67	34.17 2.00 0.00	33.24 2.01 -0.03	33.93 2.14 0.00	32.35 2.00 0.00	34.30 1.71 0.00	29.84 1.57 0.00
V_F_30_SYNC_DSASP 323786	33.68 0.93 0.00	32.73 0.93 0.00	30.50 0.84 0.00	29.38 0.82 0.00	28.35 0.80 0.00	30.10 0.81 0.00	30.05 0.87 0.00	28.15 0.77 0.00	27.16 0.70 0.00	30.31 0.82 0.00	33.85 0.95 0.00	32.93 1.08 0.00	27.82 1.02 -1.80	30.12 1.20 0.00	32.24 1.28 0.00	29.53 1.02 0.00	25.79 0.87 0.00	35.39 0.82 -0.69	33.11 0.94 0.00	32.20 0.97 -0.03	32.74 0.96 0.00	31.24 0.89 0.00	33.12 0.52 0.00	28.82 0.56 0.00
V_XM_10_SYNC_DSASP 323789	33.53 0.78 0.00	32.68 0.88 0.00	30.44 0.79 0.00	29.37 0.81 0.00	28.33 0.78 0.00	29.98 0.70 0.00	29.86 0.67 0.00	28.00 0.63 0.00	26.96 0.50 0.00	30.11 0.62 0.00	33.92 1.03 0.00	32.54 0.69 0.00	25.21 0.21 0.00	28.98 0.06 0.00	30.97 0.00 0.00	28.50 -0.01 0.00	24.98 0.06 0.00	34.21 0.32 0.00	32.61 0.43 0.00	31.64 0.45 0.00	32.25 0.47 0.00	30.75 0.39 0.00	33.27 0.68 0.00	28.95 0.68 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.60 1.84 0.00	33.37 1.56 0.00	31.05 1.40 0.00	29.88 1.32 0.00	28.79 1.25 0.00	30.63 1.34 0.00	30.75 1.57 0.00	28.96 1.58 0.00	28.05 1.59 0.00	31.29 1.80 0.00	35.03 2.14 0.00	34.11 2.26 0.00	16.48 2.12 10.64	31.56 2.63 0.00	33.86 2.89 0.00	34.70 2.70 -3.49	30.01 2.25 -2.84	34.24 2.67 2.32	34.71 2.54 0.00	33.42 2.37 0.15	34.05 2.27 0.00	32.50 2.15 0.00	34.41 1.82 0.00	29.73 1.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.70 1.95 0.00	33.51 1.70 0.00	31.19 1.54 0.00	30.02 1.46 0.00	28.93 1.38 0.00	30.75 1.46 0.00	30.90 1.71 0.00	29.18 1.80 0.00	28.29 1.82 0.00	31.56 2.06 0.00	35.31 2.41 0.00	34.37 2.52 0.00	35.29 2.37 -7.93	31.88 2.95 0.00	34.18 3.22 0.00	38.65 3.01 -7.12	33.24 2.52 -5.79	39.89 2.98 -3.03	35.02 2.85 0.00	34.00 2.70 -0.11	34.35 2.57 0.00	32.79 2.44 0.00	34.70 2.11 0.00	29.99 1.73 0.00
W50THST__13_KV_LOAD 356117	34.84 2.09 0.00	33.65 1.85 0.00	31.31 1.65 0.00	30.14 1.58 0.00	29.04 1.49 0.00	30.89 1.61 0.00	31.07 1.89 0.00	29.37 2.00 0.00	28.49 2.03 0.00	31.79 2.30 0.00	35.57 2.67 0.00	34.63 2.78 0.00	35.50 2.58 -7.93	32.12 3.20 0.00	34.44 3.48 0.00	38.89 3.25 -7.12	33.45 2.73 -5.79	40.17 3.25 -3.03	35.28 3.11 0.00	34.28 2.97 -0.11	34.63 2.85 0.00	33.03 2.68 0.00	34.96 2.37 0.00	30.21 1.94 0.00
WADING RIVER_IC_1 23522	36.07 3.26 -0.06	36.03 3.00 -1.22	49.07 2.93 -16.49	31.40 2.84 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.09 2.91 0.00	30.65 3.01 -0.26	29.36 2.89 0.00	32.84 3.07 -0.28	40.22 3.47 -3.86	54.07 3.52 -18.70	59.96 3.07 -31.89	85.42 3.88 -52.61	171.95 4.07 -136.91	54.41 3.53 -22.36	65.36 3.03 -37.40	67.23 3.67 -29.68	51.43 3.62 -15.64	57.81 3.43 -23.18	36.67 3.29 -1.60	35.44 3.27 -1.82	35.60 3.01 0.00	37.42 2.56 -6.60
WADING RIVER_IC_2 23547	36.07 3.26 -0.06	36.03 3.00 -1.22	49.07 2.93 -16.49	31.40 2.84 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.09 2.91 0.00	30.65 3.01 -0.26	29.36 2.89 0.00	32.84 3.07 -0.28	40.22 3.47 -3.86	54.07 3.52 -18.70	59.96 3.07 -31.89	85.42 3.88 -52.61	171.95 4.07 -136.91	54.41 3.53 -22.36	65.36 3.03 -37.40	67.23 3.67 -29.68	51.43 3.62 -15.64	57.81 3.43 -23.18	36.67 3.29 -1.60	35.44 3.27 -1.82	35.60 3.01 0.00	37.42 2.56 -6.60
WADING RIVER_IC_3 23601	36.07 3.26 -0.06	36.03 3.00 -1.22	49.07 2.93 -16.49	31.40 2.84 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.09 2.91 0.00	30.65 3.01 -0.26	29.36 2.89 0.00	32.84 3.07 -0.28	40.22 3.47 -3.86	54.07 3.52 -18.70	59.96 3.07 -31.89	85.42 3.88 -52.61	171.95 4.07 -136.91	54.41 3.53 -22.36	65.36 3.03 -37.40	67.23 3.67 -29.68	51.43 3.62 -15.64	57.81 3.43 -23.18	36.67 3.29 -1.60	35.44 3.27 -1.82	35.60 3.01 0.00	37.42 2.56 -6.60
WALDENNY_I2_KV_BK2 80841	32.50 -0.25 0.00	31.34 -0.46 0.00	29.36 -0.30 0.00	28.23 -0.33 0.00	27.32 -0.23 0.00	29.19 -0.10 0.00	29.13 -0.06 0.00	26.94 -0.44 0.00	26.23 -0.24 0.00	29.29 -0.20 0.00	32.61 -0.29 0.00	31.50 -0.35 0.00	25.07 0.07 0.00	29.22 0.29 0.00	31.30 0.33 0.00	29.24 0.72 0.00	25.64 0.71 0.00	34.95 1.07 0.00	33.25 1.08 0.00	32.00 0.81 0.00	32.90 1.12 0.00	31.64 1.29 0.00	33.89 1.30 0.00	29.49 1.23 0.00
WALDEN__HYDRO 24148	34.62 1.86 0.00	33.41 1.61 0.00	31.08 1.43 0.00	29.91 1.35 0.00	28.83 1.28 0.00	30.64 1.35 0.00	30.74 1.55 0.00	28.92 1.55 0.00	27.98 1.51 0.00	31.21 1.72 0.00	34.90 2.00 0.00	34.05 2.20 0.00	25.22 2.02 1.79	31.46 2.53 0.00	33.78 2.81 0.00	31.12 2.60 0.00	27.17 2.24 0.00	36.00 2.64 0.53	34.77 2.60 0.00	33.65 2.48 0.03	34.15 2.37 0.00	32.58 2.23 0.00	34.49 1.90 0.00	29.83 1.56 0.00
WARRENSBURG____ 23737	34.67 1.92 0.00	33.70 1.89 0.00	31.41 1.76 0.00	30.25 1.69 0.00	29.20 1.65 0.00	30.91 1.62 0.00	30.93 1.75 0.00	28.99 1.61 0.00	27.92 1.45 0.00	31.24 1.75 0.00	34.64 1.75 0.00	33.74 1.89 0.00	28.18 1.45 -1.74	30.55 1.62 0.00	32.65 1.68 0.00	30.05 1.53 0.00	26.27 1.34 0.00	35.98 1.42 -0.67	34.01 1.84 0.00	33.10 1.88 -0.03	33.99 2.21 0.00	32.43 2.08 0.00	34.33 1.74 0.00	29.84 1.57 0.00
WATERSIDE__6 8 9 23538	34.81 2.06 0.00	33.62 1.81 0.00	31.28 1.63 0.00	30.12 1.56 0.00	29.00 1.45 0.00	30.80 1.52 0.00	30.93 1.74 0.00	29.23 1.86 0.00	28.35 1.89 0.00	31.61 2.11 0.00	35.34 2.44 0.00	34.44 2.59 0.00	35.33 2.41 -7.92	31.91 2.98 0.00	34.22 3.25 0.00	38.70 3.06 -7.12	59.58 2.54 -32.12	1382.00 2.94 -1345.18	163.71 2.82 -128.73	34.12 2.69 -0.24	34.35 2.57 0.00	32.81 2.44 -0.02	35.00 2.11 -0.30	31.15 1.71 -1.18
WATKINRD_115KV_LN8_ILLION 55919	32.84 0.09 0.00	31.82 0.01 0.00	29.64 -0.02 0.00	28.53 -0.04 0.00	27.52 -0.03 0.00	29.31 0.02 0.00	29.26 0.08 0.00	27.46 0.09 0.00	26.55 0.09 0.00	29.62 0.13 0.00	33.07 0.17 0.00	32.05 0.20 0.00	25.29 0.29 0.00	29.30 0.37 0.00	31.37 0.41 0.00	28.83 0.31 0.00	25.19 0.26 0.00	34.05 0.17 0.00	32.38 0.21 0.00	31.51 0.31 0.00	32.13 0.35 0.00	30.71 0.36 0.00	32.67 0.07 0.00	28.31 0.04 0.00
WATSON__69_KV_BK 1 55734	36.33 3.52 -0.06	36.28 3.26 -1.22	49.20 3.06 -16.48	31.47 2.91 0.00	30.30 2.75 0.00	32.22 2.93 0.00	32.23 3.04 0.00	30.75 3.11 -0.26	29.50 3.04 0.00	33.16 3.39 -0.28	40.74 3.98 -3.86	54.64 4.10 -18.69	57.03 3.58 -28.45	85.77 4.25 -52.61	172.37 4.49 -136.91	54.99 4.11 -22.36	57.20 3.45 -28.82	57.06 4.26 -18.91	46.93 4.13 -10.62	47.14 3.85 -12.09	36.28 3.67 -0.82	35.75 3.68 -1.73	36.08 3.48 0.00	37.77 2.91 -6.60
WDELAWARE__HYD 323627	33.91 1.16 0.00	32.79 0.98 0.00	30.49 0.84 0.00	29.34 0.77 0.00	28.28 0.73 0.00	29.96 0.67 0.00	30.07 0.88 0.00	28.34 0.96 0.00	27.45 0.99 0.00	30.63 1.13 0.00	34.23 1.33 0.00	33.41 1.55 0.00	25.35 1.48 1.13	30.67 1.75 0.00	32.19 1.22 0.00	29.77 1.26 0.00	26.09 1.17 0.00	34.64 1.20 0.44	33.35 1.18 0.00	32.33 1.14 0.00	33.60 1.82 0.00	32.06 1.71 0.00	33.95 1.36 0.00	29.28 1.02 0.00
WEST BABYLON__IC 23714	36.12 3.31 -0.06	36.05 3.03 -1.22	48.97 2.83 -16.48	31.24 2.68 0.00	30.09 2.54 0.00	32.01 2.72 0.00	32.03 2.85 0.00	30.53 2.90 -0.26	29.30 2.84 0.00	32.93 3.15 -0.28	40.48 3.73 -3.86	54.37 3.82 -18.69	53.90 3.33 -25.56	85.49 3.97 -52.60	172.09 4.21 -136.91	54.72 3.86 -22.35	49.76 3.23 -21.61	47.73 3.98 -9.86	42.43 3.86 -6.41	37.56 3.61 -2.76	35.42 3.46 -0.18	35.52 3.52 -1.65	35.87 3.28 0.00	37.60 2.73 -6.60
WEST CANADA__HYD 24049	32.76 0.01 0.00	31.80 0.00 0.00	29.65 0.00 0.00	28.55 -0.01 0.00	27.55 0.00 0.00	29.28 -0.01 0.00	29.21 0.03 0.00	27.40 0.03 0.00	26.49 0.03 0.00	29.52 0.03 0.00	32.94 0.05 0.00	31.92 0.06 0.00	25.12 0.12 0.00	29.09 0.16 0.00	31.15 0.18 0.00	28.67 0.15 0.00	25.05 0.12 0.00	33.99 0.11 0.00	32.30 0.13 0.00	31.32 0.13 0.00	31.92 0.14 0.00	30.49 0.14 0.00	32.62 0.03 0.00	28.29 0.03 0.00



WESTERN_NY_WIND 24143	32.92 0.16 0.00	31.75 -0.05 0.00	29.72 0.07 0.00	28.58 0.03 0.00	27.66 0.12 0.00	29.60 0.31 0.00	29.55 0.37 0.00	27.34 -0.03 0.00	26.61 0.15 0.00	29.74 0.25 0.00	33.10 0.20 0.00	32.01 0.16 0.00	25.39 0.39 0.00	29.52 0.59 0.00	31.64 0.67 0.00	29.46 0.94 0.00	25.89 0.96 0.00	35.28 1.39 0.00	33.66 1.49 0.00	32.47 1.27 0.00	33.38 1.60 0.00	32.07 1.71 0.00	34.30 1.71 0.00	29.85 1.58 0.00
WESTOVER___LESR 323668	33.00 0.24 0.00	31.85 0.05 0.00	29.72 0.07 0.00	28.57 0.02 0.00	27.61 0.06 0.00	29.37 0.08 0.00	29.45 0.27 0.00	27.58 0.20 0.00	26.75 0.28 0.00	29.85 0.35 0.00	33.24 0.34 0.00	32.12 0.27 0.00	25.40 0.40 0.00	29.59 0.66 0.00	31.71 0.75 0.00	29.29 0.78 0.00	25.56 0.63 0.00	34.67 0.79 0.00	32.91 0.74 0.00	31.87 0.67 0.00	32.53 0.75 0.00	31.09 0.74 0.00	33.19 0.60 0.00	28.75 0.48 0.00
WETHRSFD_WT_PWR 323626	32.54 -0.21 0.00	31.35 -0.46 0.00	29.29 -0.36 0.00	28.17 -0.39 0.00	27.25 -0.30 0.00	29.13 -0.15 0.00	29.08 -0.10 0.00	26.96 -0.42 0.00	26.22 -0.25 0.00	29.32 -0.18 0.00	32.64 -0.26 0.00	31.50 -0.35 0.00	25.03 0.03 0.00	29.19 0.26 0.00	31.25 0.29 0.00	29.12 0.60 0.00	25.51 0.59 0.00	34.73 0.84 0.00	33.03 0.86 0.00	31.86 0.66 0.00	32.72 0.94 0.00	31.44 1.09 0.00	33.64 1.05 0.00	29.25 0.98 0.00
WHAVSTOR_138KV_BK127 55557	34.41 1.66 0.00	33.20 1.40 0.00	30.90 1.25 0.00	29.75 1.19 0.00	28.66 1.12 0.00	30.48 1.19 0.00	30.59 1.41 0.00	28.80 1.43 0.00	27.89 1.42 0.00	31.11 1.61 0.00	34.80 1.91 0.00	33.87 2.02 0.00	16.14 1.92 10.78	31.32 2.40 0.00	33.59 2.62 0.00	34.48 2.43 -3.54	29.81 2.01 -2.87	33.90 2.35 2.34	34.42 2.25 0.00	33.14 2.10 0.15	33.77 1.99 0.00	32.27 1.92 0.00	34.19 1.60 0.00	29.53 1.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.41 1.66 0.00	33.20 1.40 0.00	30.90 1.25 0.00	29.75 1.19 0.00	28.66 1.12 0.00	30.48 1.19 0.00	30.59 1.41 0.00	28.80 1.43 0.00	27.89 1.42 0.00	31.11 1.61 0.00	34.80 1.91 0.00	33.87 2.02 0.00	16.14 1.92 10.78	31.32 2.40 0.00	33.59 2.62 0.00	34.48 2.43 -3.54	29.81 2.01 -2.87	33.90 2.35 2.34	34.42 2.25 0.00	33.14 2.10 0.15	33.77 1.99 0.00	32.27 1.92 0.00	34.19 1.60 0.00	29.53 1.27 0.00
WHITEHAL_115KV_TB1 80871	35.71 2.96 0.00	34.81 3.00 0.00	32.49 2.84 0.00	31.20 2.64 0.00	30.14 2.59 0.00	31.73 2.44 0.00	31.97 2.79 0.00	29.80 2.42 0.00	28.43 1.97 0.00	31.87 2.38 0.00	35.31 2.41 0.00	34.54 2.69 0.00	28.92 2.18 -1.74	31.29 2.36 0.00	33.30 2.33 0.00	30.71 2.20 0.00	26.95 2.02 0.00	36.82 2.26 -0.67	35.06 2.89 0.00	34.14 2.92 -0.03	35.19 3.41 0.00	33.67 3.31 0.00	35.59 3.00 0.00	30.98 2.71 0.00
WHITEPLN_13_KV_LOAD 356215	34.96 2.21 0.00	33.63 1.82 0.00	31.29 1.64 0.00	30.12 1.55 0.00	29.02 1.47 0.00	30.97 1.68 0.00	31.11 1.93 0.00	29.35 1.97 0.00	28.44 1.98 0.00	31.73 2.24 0.00	35.54 2.64 0.00	34.63 2.78 0.00	35.94 2.54 -8.40	32.06 3.13 0.00	34.40 3.44 0.00	37.81 3.21 -6.09	32.54 2.67 -4.95	40.10 3.22 -2.99	35.26 3.09 0.00	34.19 2.87 -0.12	34.53 2.75 0.00	32.93 2.58 0.00	34.84 2.25 0.00	30.14 1.87 0.00
WM_FLOYD_69_KV_BK2 356380	36.16 3.35 -0.06	36.12 3.10 -1.22	49.11 2.97 -16.48	31.40 2.84 0.00	30.24 2.69 0.00	32.18 2.89 0.00	32.14 2.95 0.00	30.69 3.05 -0.26	29.39 2.92 0.00	32.92 3.14 -0.28	40.36 3.61 -3.86	54.22 3.68 -18.70	60.53 3.24 -32.30	85.51 3.97 -52.61	172.07 4.19 -136.91	54.63 3.75 -22.36	66.54 3.19 -38.43	68.74 3.90 -30.96	52.21 3.81 -16.24	59.31 3.61 -24.51	36.91 3.44 -1.69	35.61 3.43 -1.83	35.78 3.18 0.00	37.54 2.68 -6.60
WOODARD___115KV_TB2 355635	32.30 -0.45 0.00	31.24 -0.57 0.00	29.13 -0.53 0.00	28.03 -0.54 0.00	27.06 -0.49 0.00	28.83 -0.46 0.00	28.80 -0.39 0.00	26.97 -0.40 0.00	26.10 -0.36 0.00	29.10 -0.40 0.00	32.47 -0.43 0.00	31.45 -0.40 0.00	24.81 -0.19 0.00	28.78 -0.15 0.00	30.79 -0.17 0.00	28.40 -0.12 0.00	24.83 -0.09 0.00	33.76 -0.13 0.00	32.10 -0.07 0.00	31.10 -0.09 0.00	31.72 -0.05 0.00	30.31 -0.05 0.00	32.38 -0.21 0.00	28.05 -0.21 0.00
YORK___WARBASSE 23770	34.97 2.22 0.00	33.74 1.94 0.00	31.44 1.79 0.00	30.27 1.71 0.00	29.13 1.58 0.00	30.93 1.64 0.00	31.07 1.88 0.00	29.35 1.98 0.00	28.46 1.99 0.00	31.72 2.23 0.00	35.50 2.61 0.00	34.63 2.78 0.00	35.47 2.54 -7.92	32.06 3.14 0.00	34.40 3.43 0.00	38.88 3.24 -7.12	59.71 2.67 -32.12	1382.16 3.10 -1345.18	163.87 2.97 -128.73	34.30 2.87 -0.24	34.52 2.75 0.00	33.03 2.66 -0.02	35.25 2.35 -0.30	31.36 1.91 -1.18