

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/08/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	22.80	21.51	21.22	21.12	21.79	23.49	34.38	39.28	31.75	27.68	26.06	25.36	25.76	26.33	26.93	29.55	35.80	54.31	38.78	34.03	29.92	27.93	25.75	24.13
24138	1.31	1.16	1.07	1.04	1.12	1.37	2.69	3.22	2.65	2.36	2.13	2.14	2.13	2.15	2.15	2.46	3.01	3.97	3.01	2.66	2.29	2.16	1.88	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.73	-1.15	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.69	21.49	21.20	21.12	21.85	23.44	34.13	39.13	31.69	27.60	25.99	25.29	25.69	26.21	26.88	29.49	35.67	54.22	38.71	34.00	29.87	27.85	25.73	24.13
24260	1.20	1.14	1.05	1.04	1.18	1.33	2.44	3.08	2.59	2.28	2.06	2.07	2.06	2.03	2.11	2.41	2.89	3.88	2.94	2.63	2.24	2.09	1.86	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.74	-1.15	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.69	21.49	21.20	21.12	21.85	23.44	34.13	39.13	31.69	27.60	25.99	25.29	25.69	26.21	26.88	29.49	35.67	54.22	38.71	34.00	29.87	27.85	25.73	24.13
24261	1.20	1.14	1.05	1.04	1.18	1.33	2.44	3.08	2.59	2.28	2.06	2.07	2.06	2.03	2.11	2.41	2.89	3.88	2.94	2.63	2.24	2.09	1.86	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.74	-1.15	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.74	21.49	21.26	21.18	22.02	23.80	34.45	39.32	31.43	27.02	25.39	24.78	25.34	25.83	26.56	28.63	34.53	55.06	38.14	33.06	29.04	26.87	24.94	24.27
24011	1.25	1.14	1.11	1.10	1.34	1.68	2.76	3.19	2.33	1.70	1.46	1.56	1.70	1.64	1.78	1.54	1.74	2.79	2.04	1.69	1.41	1.11	1.07	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.67	-1.48	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.93	21.59	21.39	21.31	22.14	23.97	34.03	38.85	30.97	26.54	24.93	24.34	24.91	25.39	26.09	28.82	34.76	55.46	38.42	33.31	29.87	27.70	25.61	24.41
23798	1.44	1.24	1.23	1.23	1.47	1.86	2.34	2.72	1.86	1.22	1.00	1.11	1.28	1.21	1.31	1.73	1.97	3.18	2.32	1.95	2.24	1.93	1.74	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.67	-1.48	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.74	21.49	21.26	21.18	22.02	23.80	34.45	39.32	31.43	27.02	25.39	24.78	25.34	25.83	26.56	28.63	34.53	55.06	38.14	33.06	29.04	26.87	24.94	24.27
24028	1.25	1.14	1.11	1.10	1.34	1.68	2.76	3.19	2.33	1.70	1.46	1.56	1.70	1.64	1.78	1.54	1.74	2.79	2.04	1.69	1.41	1.11	1.07	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.67	-1.48	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.31	21.04	20.78	20.74	21.40	23.18	33.53	38.23	30.67	26.49	24.93	24.20	24.67	25.29	25.96	28.63	34.72	54.65	38.13	33.12	29.26	27.26	25.15	23.77
23527	0.82	0.69	0.63	0.66	0.72	1.06	1.84	2.11	1.57	1.17	1.00	0.98	1.04	1.11	1.19	1.54	1.93	2.66	2.08	1.76	1.63	1.49	1.29	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.38	-1.43	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.64	20.51	20.32	20.26	20.88	22.45	32.39	37.05	29.77	25.73	24.36	23.64	24.08	24.69	25.24	27.73	33.64	53.19	36.99	32.09	28.27	26.31	24.41	23.00
24190	0.15	0.16	0.16	0.18	0.21	0.33	0.70	0.93	0.67	0.41	0.43	0.42	0.45	0.51	0.47	0.65	0.85	1.22	0.93	0.72	0.64	0.54	0.55	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.36	-1.43	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.10	20.04	19.87	19.80	20.45	21.67	31.09	35.18	28.61	24.87	23.52	22.85	23.26	23.82	24.45	26.76	32.49	43.08	34.34	31.12	27.41	25.56	23.63	22.37
355683	-0.39	-0.31	-0.28	-0.28	-0.23	-0.44	-0.60	-0.61	-0.49	-0.46	-0.41	-0.37	-0.38	-0.36	-0.32	-0.32	-0.30	-0.52	-0.28	-0.25	-0.22	-0.21	-0.24	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.64	20.51	20.32	20.26	20.88	22.45	32.39	37.05	29.77	25.73	24.36	23.64	24.08	24.69	25.24	27.73	33.64	53.19	36.99	32.09	28.27	26.31	24.41	23.00
23571	0.15	0.16	0.16	0.18	0.21	0.33	0.70	0.93	0.67	0.41	0.43	0.42	0.45	0.51	0.47	0.65	0.85	1.22	0.93	0.72	0.64	0.54	0.55	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.36	-1.43	0.00	0.00	0.00	0.00	0.00
ALBANY___2	21.64	20.51	20.32	20.26	20.88	22.45	32.39	37.05	29.77	25.73	24.36	23.64	24.08	24.69	25.24	27.73	33.64	53.19	36.99	32.09	28.27	26.31	24.41	23.00
23572	0.15	0.16	0.16	0.18	0.21	0.33	0.70	0.93	0.67	0.41	0.43	0.42	0.45	0.51	0.47	0.65	0.85	1.22	0.93	0.72	0.64	0.54	0.55	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.36	-1.43	0.00	0.00	0.00	0.00	0.00
ALBANY___3	21.64	20.51	20.32	20.26	20.88	22.45	32.39	37.05	29.77	25.73	24.36	23.64	24.08	24.69	25.24	27.73	33.64	53.19	36.99	32.09	28.27	26.31	24.41	23.00
23573	0.15	0.16	0.16	0.18	0.21	0.33	0.70	0.93	0.67	0.41	0.43	0.42	0.45	0.51	0.47	0.65	0.85	1.22	0.93	0.72	0.64	0.54	0.55	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.36	-1.43	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	21.64 0.15 0.00	20.51 0.16 0.00	20.32 0.16 0.00	20.26 0.18 0.00	20.88 0.21 0.00	22.45 0.33 0.00	32.39 0.70 0.00	37.05 0.93 -0.33	29.77 0.67 0.00	25.73 0.41 0.00	24.36 0.43 0.00	23.64 0.42 0.00	24.08 0.45 0.00	24.69 0.51 0.00	25.24 0.47 0.00	27.73 0.65 0.00	33.64 0.85 0.00	53.19 1.22 -8.36	36.99 0.93 -1.43	32.09 0.72 0.00	28.27 0.64 0.00	26.31 0.54 0.00	24.41 0.55 0.00	23.00 0.41 0.00
ALBANY___LFGE 323615	21.94 0.45 0.00	20.72 0.37 0.00	20.52 0.36 0.00	20.46 0.38 0.00	21.09 0.41 0.00	22.73 0.62 0.00	32.86 1.17 0.00	37.52 1.39 -0.34	30.09 0.99 0.00	26.01 0.68 0.00	24.57 0.65 0.00	23.88 0.65 0.00	24.34 0.71 0.00	24.93 0.75 0.00	25.52 0.74 0.00	28.09 1.00 0.00	34.07 1.28 0.00	53.90 1.83 -8.46	37.45 1.39 -1.45	32.49 1.13 0.00	28.65 1.02 0.00	26.69 0.93 0.00	24.70 0.83 0.00	23.25 0.66 0.00
ALCOA_PA_115KV_PL-6C 55860	21.21 -0.28 0.00	20.15 -0.20 0.00	19.97 -0.18 0.00	19.90 -0.18 0.00	20.55 -0.12 0.00	21.81 -0.31 0.00	31.31 -0.38 0.00	35.39 -0.39 0.00	28.78 -0.32 0.00	25.04 -0.28 0.00	23.69 -0.24 0.00	22.99 -0.23 0.00	23.42 -0.21 0.00	23.96 -0.22 0.00	24.60 -0.17 0.00	26.89 -0.19 0.00	32.72 -0.07 0.00	43.43 -0.17 0.00	34.58 -0.03 0.00	31.30 -0.06 0.00	27.60 -0.03 0.00	25.77 0.00 0.00	23.82 -0.05 0.00	22.57 -0.02 0.00
ALCOA_RYNLDS___DRP 24188	21.21 -0.28 0.00	20.15 -0.20 0.00	19.97 -0.18 0.00	19.90 -0.18 0.00	20.55 -0.12 0.00	21.81 -0.31 0.00	31.31 -0.38 0.00	35.39 -0.39 0.00	28.78 -0.32 0.00	25.04 -0.28 0.00	23.69 -0.24 0.00	22.99 -0.23 0.00	23.42 -0.21 0.00	23.96 -0.22 0.00	24.60 -0.17 0.00	26.89 -0.19 0.00	32.72 -0.07 0.00	43.43 -0.17 0.00	34.58 -0.03 0.00	31.30 -0.06 0.00	27.60 -0.03 0.00	25.77 0.00 0.00	23.82 -0.05 0.00	22.57 -0.02 0.00
ALCOA___DSASP 323711	21.15 -0.34 0.00	20.15 -0.20 0.00	19.97 -0.18 0.00	19.90 -0.18 0.00	20.55 -0.12 0.00	21.81 -0.31 0.00	31.31 -0.38 0.00	35.36 -0.43 0.00	28.78 -0.32 0.00	25.04 -0.28 0.00	23.69 -0.24 0.00	22.99 -0.23 0.00	23.42 -0.21 0.00	23.96 -0.22 0.00	24.60 -0.17 0.00	26.89 -0.19 0.00	32.72 -0.07 0.00	43.39 -0.22 0.00	34.58 -0.03 0.00	31.30 -0.06 0.00	27.60 -0.03 0.00	25.74 -0.03 0.00	23.82 -0.05 0.00	22.57 -0.02 0.00
ALLEGHENY___COGEN 23514	22.95 1.46 0.00	21.45 1.10 0.00	21.32 1.17 0.00	21.18 1.10 0.00	21.52 0.85 0.00	23.82 1.70 0.00	33.87 2.18 0.00	38.40 2.54 -0.07	31.29 2.18 0.00	27.09 1.77 0.00	25.46 1.53 0.00	24.50 1.28 0.00	24.82 1.18 0.00	25.34 1.16 0.00	25.94 1.16 0.00	27.92 0.84 0.00	33.54 0.75 0.00	47.32 1.83 -1.89	35.97 1.04 -0.32	32.84 1.47 0.00	28.74 1.11 0.00	26.82 1.06 0.00	24.51 0.64 0.00	23.30 0.70 0.00
ALTAMONT_115KV_TB 2 55880	21.98 0.49 0.00	20.80 0.45 0.00	20.60 0.44 0.00	20.52 0.44 0.00	21.19 0.52 0.00	22.78 0.66 0.00	32.86 1.17 0.00	37.55 1.43 -0.33	30.18 1.08 0.00	26.13 0.81 0.00	24.67 0.74 0.00	23.95 0.72 0.00	24.39 0.76 0.00	24.98 0.80 0.00	25.59 0.82 0.00	28.08 1.00 0.00	34.03 1.25 0.00	53.72 1.74 -8.37	37.40 1.35 -1.43	32.50 1.13 0.00	28.62 0.99 0.00	26.67 0.90 0.00	24.68 0.81 0.00	23.32 0.72 0.00
ALTONA_WT_PWR 323606	20.39 -1.10 0.00	19.50 -0.85 0.00	19.37 -0.79 0.00	19.28 -0.80 0.00	20.03 -0.64 0.00	21.39 -0.73 0.00	30.86 -0.82 0.00	35.07 -0.72 0.00	28.78 -0.32 0.00	25.02 -0.30 0.00	23.83 -0.10 0.00	23.25 0.02 0.00	23.73 0.09 0.00	24.37 0.19 0.00	25.19 0.42 0.00	27.71 0.62 0.00	33.81 1.02 0.00	45.00 1.40 0.00	35.76 1.14 0.00	32.46 1.10 0.00	28.62 0.99 0.00	26.64 0.88 0.00	24.46 0.60 0.00	23.16 0.57 0.00
AMERICAN_REF_FUEL 24010	21.73 0.24 0.00	20.25 -0.10 0.00	20.14 -0.02 0.00	20.00 -0.08 0.00	20.18 -0.50 0.00	22.34 0.22 0.00	31.06 -0.63 0.00	35.00 -0.86 -0.07	28.72 -0.38 0.00	25.35 0.03 0.00	24.02 0.10 0.00	23.16 -0.07 0.00	23.54 -0.09 0.00	23.96 -0.22 0.00	24.48 -0.30 0.00	25.81 -1.27 0.00	30.49 -2.30 0.00	42.35 -3.01 -1.76	32.16 -2.74 -0.27	29.58 -1.79 0.00	26.00 -1.63 0.00	24.30 -1.47 0.00	22.51 -1.36 0.00	21.49 -1.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.84 1.35 0.00	21.37 1.02 0.00	21.26 1.11 0.00	21.08 1.00 0.00	21.27 0.60 0.00	23.55 1.44 0.00	33.12 1.43 0.00	37.40 1.54 -0.07	30.73 1.63 0.00	27.12 1.80 0.00	25.65 1.72 0.00	24.69 1.46 0.00	25.08 1.44 0.00	25.46 1.28 0.00	26.01 1.24 0.00	27.41 0.33 0.00	32.30 -0.49 0.00	44.47 -1.00 -1.86	33.46 -1.45 -0.30	30.83 -0.53 0.00	27.05 -0.58 0.00	25.25 -0.52 0.00	23.27 -0.60 0.00	22.17 -0.43 0.00
ARTHUR_KILL_GT_1 23520	23.17 1.68 0.00	21.83 1.48 0.00	21.53 1.37 0.00	21.43 1.35 0.00	22.10 1.43 0.00	23.62 1.50 0.00	34.48 2.79 0.00	38.66 2.61 -0.26	31.63 2.53 0.00	27.58 2.25 0.00	25.91 1.98 0.00	25.27 2.04 0.00	25.67 2.03 0.00	26.21 2.03 0.00	26.81 2.03 0.00	29.49 2.41 0.00	35.48 2.69 0.00	53.86 3.53 -6.73	38.43 2.67 -1.14	34.09 2.73 0.00	30.01 2.38 0.00	28.06 2.29 0.00	26.04 2.17 0.00	24.55 1.94 -0.01
ARTHUR_KILL_2 23512	23.12 1.63 0.00	21.79 1.44 0.00	21.49 1.33 0.00	21.38 1.30 0.00	22.04 1.36 0.00	23.58 1.46 0.00	34.38 2.69 0.00	38.55 2.50 -0.26	31.55 2.44 0.00	27.50 2.18 0.00	25.84 1.91 0.00	25.20 1.97 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.73 1.96 0.00	29.41 2.33 0.00	35.38 2.59 0.00	53.74 3.40 -6.73	38.33 2.56 -1.14	33.97 2.60 0.00	29.92 2.29 0.00	27.98 2.22 0.00	25.97 2.10 0.00	24.48 1.87 -0.01
ARTHUR_KILL_3 23513	22.63 1.14 0.00	21.35 1.00 0.00	21.06 0.91 0.00	20.96 0.88 0.00	21.63 0.95 0.00	23.29 1.17 0.00	34.07 2.38 0.00	38.92 2.86 -0.27	31.46 2.36 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.15 1.93 0.00	25.55 1.91 0.00	26.12 1.94 0.00	26.71 1.93 0.00	29.33 2.25 0.00	35.48 2.69 0.00	53.87 3.53 -6.73	38.44 2.67 -1.15	33.75 2.38 0.00	29.70 2.07 0.00	27.72 1.96 0.00	25.56 1.69 0.00	23.95 1.36 0.00
ARTHUR_KILL_COGEN 323718	23.17 1.68 0.00	21.83 1.48 0.00	21.53 1.37 0.00	21.43 1.35 0.00	22.10 1.43 0.00	23.62 1.50 0.00	34.48 2.79 0.00	38.66 2.61 -0.26	31.63 2.53 0.00	27.58 2.25 0.00	25.91 1.98 0.00	25.27 2.04 0.00	25.67 2.03 0.00	26.21 2.03 0.00	26.81 2.03 0.00	29.49 2.41 0.00	35.48 2.69 0.00	53.86 3.53 -6.73	38.43 2.67 -1.14	34.09 2.73 0.00	30.01 2.38 0.00	28.06 2.29 0.00	26.04 2.17 0.00	24.55 1.94 -0.01
ASHOKAN____ 23654	22.56 1.07 0.00	21.27 0.92 0.00	21.02 0.87 0.00	20.92 0.84 0.00	21.73 1.05 0.00	23.49 1.37 0.00	34.25 2.57 0.00	38.30 2.22 -0.30	30.59 1.48 0.00	26.28 0.96 0.00	24.74 0.81 0.00	23.95 0.72 0.00	24.39 0.76 0.00	25.05 0.87 0.00	25.66 0.89 0.00	28.33 1.25 0.00	34.69 1.90 0.00	52.60 1.53 -7.47	37.07 1.18 -1.28	33.41 2.04 0.00	29.20 1.57 0.00	27.23 1.47 0.00	25.18 1.31 0.00	23.75 1.15 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.91 1.42 0.00	21.64 1.28 -0.01	21.35 1.19 -0.01	21.25 1.16 -0.01	21.92 1.24 -0.01	23.29 1.17 0.00	33.80 2.12 0.01	38.63 2.58 -0.26	31.28 2.18 0.01	27.26 1.95 0.01	25.69 1.77 0.01	25.03 1.81 0.01	25.42 1.80 0.01	25.96 1.79 0.01	26.55 1.78 0.01	29.16 2.09 0.01	35.31 2.52 0.01	53.65 3.31 -6.73	38.26 2.49 -1.14	33.62 2.26 0.01	29.58 1.96 0.01	27.65 1.88 0.00	25.58 1.72 0.00	24.09 1.49 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.91 1.42 0.00	21.64 1.28 -0.01	21.35 1.19 -0.01	21.25 1.16 -0.01	21.92 1.24 -0.01	23.29 1.17 0.00	33.80 2.12 0.01	38.63 2.58 -0.26	31.28 2.18 0.01	27.26 1.95 0.01	25.69 1.77 0.01	25.03 1.81 0.01	25.42 1.80 0.01	25.96 1.79 0.01	26.55 1.78 0.01	29.16 2.09 0.01	35.31 2.52 0.01	53.65 3.31 -6.73	38.26 2.49 -1.14	33.62 2.26 0.01	29.58 1.96 0.01	27.65 1.88 0.00	25.58 1.72 0.00	24.09 1.49 0.00
ASTORIA_GT2_1 24094	22.82 1.33 0.00	21.65 1.30 0.00	21.35 1.19 0.00	21.26 1.18 0.00	21.98 1.30 0.00	23.31 1.19 0.00	33.62 1.93 0.00	38.67 2.61 -0.27	31.31 2.21 0.00	27.30 1.98 0.00	25.72 1.79 0.00	25.06 1.83 0.00	25.43 1.80 0.00	25.95 1.77 0.00	26.61 1.83 0.00	29.17 2.09 0.00	35.31 2.52 0.00	53.66 3.31 -6.74	38.26 2.49 -1.15	33.63 2.26 0.00	29.59 1.96 0.00	27.60 1.83 0.00	25.61 1.74 0.00	24.13 1.54 0.00
ASTORIA_GT2_2 24095	22.82 1.33 0.00	21.65 1.30 0.00	21.35 1.19 0.00	21.26 1.18 0.00	21.98 1.30 0.00	23.31 1.19 0.00	33.62 1.93 0.00	38.67 2.61 -0.27	31.31 2.21 0.00	27.30 1.98 0.00	25.72 1.79 0.00	25.06 1.83 0.00	25.43 1.80 0.00	25.95 1.77 0.00	26.61 1.83 0.00	29.17 2.09 0.00	35.31 2.52 0.00	53.66 3.31 -6.74	38.26 2.49 -1.15	33.63 2.26 0.00	29.59 1.96 0.00	27.60 1.83 0.00	25.61 1.74 0.00	24.13 1.54 0.00
ASTORIA_GT2_3 24096	22.82 1.33 0.00	21.65 1.30 0.00	21.35 1.19 0.00	21.26 1.18 0.00	21.98 1.30 0.00	23.31 1.19 0.00	33.62 1.93 0.00	38.67 2.61 -0.27	31.31 2.21 0.00	27.30 1.98 0.00	25.72 1.79 0.00	25.06 1.83 0.00	25.43 1.80 0.00	25.95 1.77 0.00	26.61 1.83 0.00	29.17 2.09 0.00	35.31 2.52 0.00	53.66 3.31 -6.74	38.26 2.49 -1.15	33.63 2.26 0.00	29.59 1.96 0.00	27.60 1.83 0.00	25.61 1.74 0.00	24.13 1.54 0.00
ASTORIA_GT2_4 24097	22.82 1.33 0.00	21.65 1.30 0.00	21.35 1.19 0.00	21.26 1.18 0.00	21.98 1.30 0.00	23.31 1.19 0.00	33.62 1.93 0.00	38.67 2.61 -0.27	31.31 2.21 0.00	27.30 1.98 0.00	25.72 1.79 0.00	25.06 1.83 0.00	25.43 1.80 0.00	25.95 1.77 0.00	26.61 1.83 0.00	29.17 2.09 0.00	35.31 2.52 0.00	53.66 3.31 -6.74	38.26 2.49 -1.15	33.63 2.26 0.00	29.59 1.96 0.00	27.60 1.83 0.00	25.61 1.74 0.00	24.13 1.54 0.00
ASTORIA_GT3_1 24098	22.82 1.33 0.00	21.65 1.30 0.00	21.35 1.19 0.00	21.26 1.18 0.00	21.98 1.30 0.00	23.31 1.19 0.00	33.62 1.93 0.00	38.67 2.61 -0.27	31.31 2.21 0.00	27.30 1.98 0.00	25.72 1.79 0.00	25.06 1.83 0.00	25.43 1.80 0.00	25.95 1.77 0.00	26.61 1.83 0.00	29.17 2.09 0.00	35.31 2.52 0.00	53.66 3.31 -6.74	38.26 2.49 -1.15	33.63 2.26 0.00	29.59 1.96 0.00	27.60 1.83 0.00	25.61 1.74 0.00	24.13 1.54 0.00
ASTORIA_GT3_2 24099	22.82 1.33 0.00	21.65 1.30 0.00	21.35 1.19 0.00	21.26 1.18 0.00	21.98 1.30 0.00	23.31 1.19 0.00	33.62 1.93 0.00	38.67 2.61 -0.27	31.31 2.2															

ASTORIA_GT_10 24110	22.71 1.22 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.35 1.24 0.00	33.88 2.19 0.00	38.88 2.83 -0.27	31.52 2.42 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.51 2.72 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.81 2.45 0.00	29.73 2.10 0.00	27.72 1.96 0.00	25.68 1.81 0.00	24.13 1.54 0.00
ASTORIA_GT_11 24225	22.71 1.22 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.35 1.24 0.00	33.88 2.19 0.00	38.88 2.83 -0.27	31.52 2.42 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.51 2.72 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.81 2.45 0.00	29.73 2.10 0.00	27.72 1.96 0.00	25.68 1.81 0.00	24.13 1.54 0.00
ASTORIA_GT_12 24226	22.71 1.22 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.35 1.24 0.00	33.88 2.19 0.00	38.88 2.83 -0.27	31.52 2.42 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.51 2.72 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.81 2.45 0.00	29.73 2.10 0.00	27.72 1.96 0.00	25.68 1.81 0.00	24.13 1.54 0.00
ASTORIA_GT_13 24227	22.71 1.22 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.35 1.24 0.00	33.88 2.19 0.00	38.88 2.83 -0.27	31.52 2.42 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.51 2.72 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.81 2.45 0.00	29.73 2.10 0.00	27.72 1.96 0.00	25.68 1.81 0.00	24.13 1.54 0.00
ASTORIA_GT_5 24106	22.95 1.46 0.00	21.68 1.32 -0.01	21.39 1.23 -0.01	21.29 1.20 -0.01	21.97 1.28 -0.01	23.33 1.22 0.00	33.87 2.18 0.01	38.73 2.69 -0.26	31.34 2.24 0.01	27.34 2.03 0.01	25.74 1.82 0.01	25.10 1.88 0.01	25.47 1.84 0.01	26.04 1.86 0.01	26.60 1.83 0.01	29.21 2.14 0.01	35.41 2.62 0.01	53.74 3.40 -6.73	38.33 2.56 -1.14	33.68 2.32 0.01	29.64 2.02 0.01	27.70 1.93 0.00	25.66 1.79 0.00	24.13 1.54 0.00
ASTORIA_GT_7 24107	22.95 1.46 0.00	21.68 1.32 -0.01	21.39 1.23 -0.01	21.29 1.20 -0.01	21.97 1.28 -0.01	23.33 1.22 0.00	33.87 2.18 0.01	38.73 2.69 -0.26	31.34 2.24 0.01	27.34 2.03 0.01	25.74 1.82 0.01	25.10 1.88 0.01	25.47 1.84 0.01	26.04 1.86 0.01	26.60 1.83 0.01	29.21 2.14 0.01	35.41 2.62 0.01	53.74 3.40 -6.73	38.33 2.56 -1.14	33.68 2.32 0.01	29.64 2.02 0.01	27.70 1.93 0.00	25.66 1.79 0.00	24.13 1.54 0.00
ASTORIA_GT_8 24108	22.84 1.35 0.00	21.67 1.32 0.00	21.39 1.23 0.00	21.28 1.20 0.00	22.02 1.34 0.00	23.33 1.22 0.00	33.65 1.96 0.00	38.70 2.65 -0.27	31.37 2.27 0.00	27.35 2.03 0.00	25.77 1.84 0.00	25.11 1.88 0.00	25.48 1.84 0.00	26.00 1.81 0.00	26.66 1.88 0.00	29.22 2.14 0.00	35.38 2.59 0.00	53.74 3.40 -6.74	38.33 2.56 -1.15	33.69 2.32 0.00	29.65 2.02 0.00	27.65 1.88 0.00	25.66 1.79 0.00	24.16 1.56 0.00
ASTORIA___2 24149	22.93 1.44 0.00	21.66 1.30 -0.01	21.35 1.19 -0.01	21.27 1.18 -0.01	21.92 1.24 -0.01	23.31 1.19 0.00	33.80 2.12 0.01	38.66 2.61 -0.26	31.28 2.18 0.01	27.29 1.98 0.01	25.69 1.77 0.01	25.05 1.83 0.01	25.42 1.80 0.01	25.99 1.81 0.01	26.55 1.78 0.01	29.16 2.09 0.01	35.31 2.52 0.01	53.65 3.31 -6.73	38.26 2.49 -1.14	33.62 2.26 0.01	29.61 1.99 0.01	27.65 1.88 0.00	25.61 1.74 0.00	24.09 1.49 0.00
ASTORIA___3 23516	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.35 1.24 0.00	34.10 2.41 0.00	38.88 2.83 -0.27	31.49 2.39 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.12 1.94 0.00	26.71 1.93 0.00	29.33 2.25 0.00	35.54 2.75 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.82 2.45 0.00	29.73 2.10 0.00	27.75 1.98 0.00	25.66 1.79 0.00	24.09 1.49 0.00
ASTORIA___4 23517	22.71 1.22 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.35 1.24 0.00	33.88 2.19 0.00	38.88 2.83 -0.27	31.52 2.42 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.51 2.72 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.81 2.45 0.00	29.73 2.10 0.00	27.72 1.96 0.00	25.68 1.81 0.00	24.13 1.54 0.00
ASTORIA___5 23518	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.35 1.24 0.00	34.10 2.41 0.00	38.88 2.83 -0.27	31.49 2.39 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.12 1.94 0.00	26.71 1.93 0.00	29.33 2.25 0.00	35.54 2.75 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.82 2.45 0.00	29.73 2.10 0.00	27.75 1.98 0.00	25.66 1.79 0.00	24.09 1.49 0.00
AST_ENERGY_2_CC3 323677	22.61 1.12 0.00	21.35 1.00 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.63 0.95 0.00	23.28 1.17 0.01	29.73 2.38 4.34	35.81 2.83 2.81	28.96 2.33 2.47	27.38 2.08 0.02	25.78 1.87 0.02	25.09 1.88 0.02	25.49 1.87 0.02	26.05 1.89 0.02	26.64 1.88 0.02	29.26 2.19 0.02	35.43 2.65 0.02	46.41 3.53 0.72	31.91 2.67 5.37	32.68 2.35 1.05	29.66 2.04 0.02	27.69 1.93 0.01	25.53 1.67 0.01	23.92 1.33 0.01
AST_ENERGY_2_CC4 323678	22.61 1.12 0.00	21.35 1.00 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.63 0.95 0.00	23.28 1.17 0.01	29.73 2.38 4.34	35.81 2.83 2.81	28.96 2.33 2.47	27.38 2.08 0.02	25.78 1.87 0.02	25.09 1.88 0.02	25.49 1.87 0.02	26.05 1.89 0.02	26.64 1.88 0.02	29.26 2.19 0.02	35.43 2.65 0.02	46.41 3.53 0.72	31.91 2.67 5.37	32.68 2.35 1.05	29.66 2.04 0.02	27.69 1.93 0.01	25.53 1.67 0.01	23.92 1.33 0.01
ATHENS_STG_1 23668	22.13 0.64 0.00	20.86 0.51 0.00	20.66 0.50 0.00	20.58 0.50 0.00	21.21 0.54 0.00	22.82 0.71 0.00	33.08 1.39 0.00	37.73 1.65 -0.30	30.35 1.25 0.00	26.36 1.04 0.00	24.86 0.93 0.00	24.13 0.90 0.00	24.58 0.95 0.00	25.15 0.97 0.00	25.77 0.99 0.00	28.30 1.22 0.00	34.27 1.48 0.00	53.11 2.01 -7.50	37.42 1.52 -1.28	32.68 1.32 0.00	28.79 1.16 0.00	26.87 1.11 0.00	24.80 0.93 0.00	23.37 0.77 0.00
ATHENS_STG_2 23670	22.13 0.64 0.00	20.86 0.51 0.00	20.66 0.50 0.00	20.58 0.50 0.00	21.21 0.54 0.00	22.82 0.71 0.00	33.08 1.39 0.00	37.73 1.65 -0.30	30.35 1.25 0.00	26.36 1.04 0.00	24.86 0.93 0.00	24.13 0.90 0.00	24.58 0.95 0.00	25.15 0.97 0.00	25.77 0.99 0.00	28.30 1.22 0.00	34.27 1.48 0.00	53.11 2.01 -7.50	37.42 1.52 -1.28	32.68 1.32 0.00	28.79 1.16 0.00	26.87 1.11 0.00	24.80 0.93 0.00	23.37 0.77 0.00

ATHENS_STG_3 23677	22.13 0.64 0.00	20.86 0.51 0.00	20.66 0.50 0.00	20.58 0.50 0.00	21.21 0.54 0.00	22.82 0.71 0.00	33.08 1.39 0.00	37.73 1.65 -0.30	30.35 1.25 0.00	26.36 1.04 0.00	24.86 0.93 0.00	24.13 0.90 0.00	24.58 0.95 0.00	25.15 0.97 0.00	25.77 0.99 0.00	28.30 1.22 0.00	34.27 1.48 0.00	53.11 2.01 -7.50	37.42 1.52 -1.28	32.68 1.32 0.00	28.79 1.16 0.00	26.87 1.11 0.00	24.80 0.93 0.00	23.37 0.77 0.00
AUBURN____LFGE 323710	21.88 0.39 0.00	20.63 0.28 0.00	20.44 0.28 0.00	20.36 0.28 0.00	20.84 0.17 0.00	22.67 0.55 0.00	32.35 0.67 0.00	36.64 0.79 -0.06	30.03 0.93 0.00	26.06 0.73 0.00	24.62 0.69 0.00	23.85 0.63 0.00	24.23 0.59 0.00	24.74 0.56 0.00	25.42 0.64 0.00	27.54 0.46 0.00	33.25 0.46 0.00	46.12 0.96 -1.56	35.37 0.48 -0.27	31.96 0.60 0.00	28.16 0.52 0.00	26.07 0.31 0.00	24.08 0.21 0.00	22.80 0.20 0.00
BABYLON_RES_REC 323704	30.70 1.57 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.30 -2.16	27.05 1.36 -5.02	31.20 1.66 -7.42	35.82 3.04 -1.09	44.47 3.69 -4.99	34.83 2.94 -2.79	31.28 2.43 -3.53	31.51 2.23 -5.35	31.10 2.18 -5.69	30.92 2.20 -5.09	30.94 2.22 -4.54	32.23 2.30 -5.16	33.22 2.73 -3.40	61.19 3.31 -25.09	87.96 4.49 -39.86	51.89 3.43 -13.84	45.95 3.04 -11.54	36.58 2.65 -6.29	33.80 2.53 -5.51	32.17 2.08 -6.23	31.51 1.76 -7.15
BABYLON__69_KV_BK2 356345	30.79 1.65 -7.64	27.83 1.53 -5.96	25.85 1.45 -4.24	23.68 1.45 -2.16	27.26 1.57 -5.02	31.39 1.86 -7.42	35.97 3.20 -1.09	44.72 3.94 -4.99	35.10 3.20 -2.79	31.51 2.66 -3.53	31.70 2.42 -5.35	31.29 2.37 -5.69	31.06 2.34 -5.09	31.09 2.37 -4.54	32.58 2.65 -5.16	33.44 2.95 -3.40	61.52 3.64 -25.09	88.39 4.93 -39.86	52.20 3.74 -13.84	46.26 3.36 -11.54	36.85 2.93 -6.29	33.85 2.58 -5.51	32.36 2.27 -6.23	31.71 1.97 -7.15
BALL_HILL_WT_PWR 323825	22.50 1.01 0.00	21.02 0.67 0.00	20.90 0.75 0.00	20.76 0.68 0.00	20.96 0.29 0.00	23.16 1.04 0.00	32.48 0.79 0.00	36.65 0.79 -0.07	30.06 0.96 0.00	26.54 1.22 0.00	25.12 1.20 0.00	24.20 0.98 0.00	24.60 0.97 0.00	25.03 0.85 0.00	25.57 0.79 0.00	27.00 -0.08 0.00	31.94 -0.85 0.00	44.01 -1.44 -1.84	33.25 -1.66 -0.29	30.74 -0.63 0.00	27.02 -0.61 0.00	25.25 -0.52 0.00	23.34 -0.53 0.00	22.23 -0.36 0.00
BARON_WINDS____WT_PWR 323822	22.31 0.82 0.00	20.90 0.55 0.00	20.76 0.60 0.00	20.66 0.58 0.00	21.03 0.35 0.00	23.13 1.02 0.00	32.80 1.11 0.00	37.02 1.14 -0.09	30.24 1.13 0.00	26.59 1.27 0.00	25.12 1.20 0.00	24.25 1.02 0.00	24.63 0.99 0.00	25.10 0.92 0.00	25.64 0.87 0.00	27.41 0.33 0.00	32.66 -0.13 0.00	45.57 -0.22 -2.18	34.36 -0.62 -0.36	31.40 0.03 0.00	27.58 -0.06 0.00	25.71 -0.05 0.00	23.67 -0.19 0.00	22.44 -0.16 0.00
BARRETT_IC_1 23704	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_10 23701	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_11 23702	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_12 23703	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_2 23705	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_3 23706	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_4 23707	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_5 23708	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_6 23709	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15

BARRETT_IC_7 23710	30.44 1.31 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	27.01 1.32 -5.02	31.04 1.50 -7.42	35.34 2.57 -1.09	43.97 3.19 -4.99	34.52 2.62 -2.79	31.15 2.30 -3.53	31.34 2.06 -5.35	30.96 2.04 -5.69	30.78 2.06 -5.09	30.80 2.08 -4.54	32.08 2.16 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.26 3.79 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.19 2.27 -6.29	33.41 2.14 -5.51	32.00 1.91 -6.23	31.37 1.63 -7.15
BARRETT_IC_8 23711	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT_IC_9 23700	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT___1 23545	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BARRETT___2 23546	30.55 1.42 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.97 1.28 -5.02	31.04 1.50 -7.42	35.50 2.73 -1.09	43.97 3.18 -4.99	34.49 2.59 -2.79	31.13 2.28 -3.53	31.31 2.03 -5.35	30.94 2.02 -5.69	30.80 2.08 -5.09	30.82 2.10 -4.54	32.03 2.10 -5.16	32.92 2.44 -3.40	60.73 2.85 -25.09	87.30 3.84 -39.86	51.40 2.94 -13.84	45.51 2.60 -11.54	36.22 2.29 -6.29	33.49 2.22 -5.51	31.98 1.88 -6.23	31.33 1.58 -7.15
BATAVIA___115KV_TB1 55881	22.39 0.90 0.00	20.88 0.53 0.00	20.78 0.62 0.00	20.62 0.54 0.00	20.61 -0.06 0.00	23.05 0.93 0.00	32.23 0.54 0.00	35.86 0.00 -0.07	29.63 0.52 0.00	26.13 0.81 0.00	24.72 0.79 0.00	23.95 0.72 0.00	24.32 0.69 0.00	24.79 0.60 0.00	25.19 0.42 0.00	26.92 -0.16 0.00	32.03 -0.75 0.00	44.56 -0.74 -1.69	33.89 -1.00 -0.27	31.05 -0.31 0.00	27.44 -0.19 0.00	25.74 -0.03 0.00	23.53 -0.33 0.00	22.24 -0.36 0.00
BAYONEEC___CTG1 323682	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG10 323750	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG2 323683	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG3 323684	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG4 323685	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG5 323686	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG6 323687	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG7 323688	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BAYONEEC___CTG8 323689	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00

BAYONEEC___CTG9 323749	22.67 1.18 0.00	21.41 1.06 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.16 2.47 0.00	39.02 2.97 -0.27	31.55 2.44 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.76 1.98 0.00	29.36 2.28 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.54 2.77 -1.15	33.84 2.48 0.00	29.76 2.13 0.00	27.78 2.01 0.00	25.61 1.74 0.00	24.00 1.40 0.00
BEACON___LESR 323632	22.09 0.60 0.00	20.84 0.49 0.00	20.64 0.48 0.00	20.58 0.50 0.00	21.23 0.56 0.00	22.91 0.80 0.00	33.15 1.46 0.00	37.84 1.72 -0.33	30.33 1.22 0.00	26.18 0.86 0.00	24.74 0.81 0.00	23.99 0.77 0.00	24.51 0.87 0.00	25.10 0.92 0.00	25.66 0.89 0.00	28.25 1.16 0.00	34.30 1.51 0.00	54.19 2.22 -8.36	37.75 1.70 -1.43	32.78 1.41 0.00	28.84 1.21 0.00	26.87 1.11 0.00	24.87 1.00 0.00	23.41 0.81 0.00
BEAVER RIVER___HYD 24048	21.43 -0.06 0.00	20.31 -0.04 0.00	20.08 -0.08 0.00	20.02 -0.06 0.00	20.61 -0.06 0.00	22.14 0.02 0.00	31.97 0.28 0.00	36.09 0.28 -0.02	29.28 0.18 0.00	25.40 0.08 0.00	24.00 0.07 0.00	23.23 0.00 0.00	23.61 -0.02 0.00	24.21 0.02 0.00	24.85 0.07 0.00	27.16 0.08 0.00	33.12 0.33 0.00	44.85 0.74 -0.50	35.15 0.45 -0.09	31.84 0.47 0.00	28.02 0.39 0.00	25.97 0.21 0.00	24.03 0.17 0.00	22.76 0.16 0.00
BEEBEE_GT_13 23619	21.98 0.49 0.00	20.57 0.22 0.00	20.44 0.28 0.00	20.30 0.22 0.00	20.49 -0.19 0.00	22.65 0.53 0.00	31.85 0.16 0.00	35.85 0.00 -0.06	29.34 0.23 0.00	25.73 0.41 0.00	24.38 0.45 0.00	23.64 0.42 0.00	24.01 0.38 0.00	24.47 0.29 0.00	24.97 0.20 0.00	26.87 -0.22 0.00	32.13 -0.66 0.00	44.79 -0.39 -1.58	34.20 -0.69 -0.27	31.02 -0.35 0.00	27.38 -0.25 0.00	25.59 -0.18 0.00	23.53 -0.33 0.00	22.24 -0.36 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.95 1.46 0.00	21.73 1.38 0.00	21.43 1.27 0.00	21.32 1.24 0.00	22.06 1.39 0.00	23.58 1.46 0.00	34.13 2.44 0.00	39.10 3.04 -0.27	31.78 2.68 0.00	27.70 2.38 0.00	26.06 2.13 0.00	25.41 2.18 0.00	25.79 2.15 0.00	26.31 2.13 0.00	26.95 2.18 0.00	29.60 2.52 0.00	35.84 3.05 0.00	54.35 4.01 -6.74	38.85 3.08 -1.15	34.22 2.85 0.00	30.06 2.43 0.00	28.03 2.27 0.00	25.97 2.10 0.00	24.41 1.81 -0.01
BETHLEHEM___GRP 23843	21.64 0.15 0.00	20.51 0.16 0.00	20.32 0.16 0.00	20.26 0.18 0.00	20.88 0.21 0.00	22.45 0.33 0.00	32.39 0.70 0.00	37.05 0.93 -0.33	29.77 0.67 0.00	25.73 0.41 0.00	24.36 0.43 0.00	23.64 0.42 0.00	24.08 0.45 0.00	24.69 0.51 0.00	25.24 0.47 0.00	27.73 0.65 0.00	33.64 0.85 0.00	53.19 1.22 -8.36	36.99 0.93 -1.43	32.09 0.72 0.00	28.27 0.64 0.00	26.31 0.54 0.00	24.41 0.55 0.00	23.00 0.41 0.00
BETHLEHEM___GS1 323560	21.70 0.21 0.00	20.51 0.16 0.00	20.32 0.16 0.00	20.26 0.18 0.00	20.84 0.16 0.00	22.45 0.33 0.00	32.45 0.76 0.00	37.02 0.90 -0.33	29.72 0.61 0.00	25.70 0.38 0.00	24.31 0.38 0.00	23.62 0.39 0.00	24.08 0.45 0.00	24.64 0.46 0.00	25.19 0.42 0.00	27.73 0.65 0.00	33.64 0.85 0.00	53.19 1.22 -8.36	36.99 0.94 -1.43	32.09 0.72 0.00	28.29 0.66 0.00	26.38 0.62 0.00	24.44 0.57 0.00	22.98 0.38 0.00
BETHLEHEM___GS2 323561	21.70 0.21 0.00	20.51 0.16 0.00	20.32 0.16 0.00	20.26 0.18 0.00	20.84 0.16 0.00	22.45 0.33 0.00	32.45 0.76 0.00	37.02 0.90 -0.33	29.72 0.61 0.00	25.70 0.38 0.00	24.31 0.38 0.00	23.62 0.39 0.00	24.08 0.45 0.00	24.64 0.46 0.00	25.19 0.42 0.00	27.73 0.65 0.00	33.64 0.85 0.00	53.19 1.22 -8.36	36.99 0.94 -1.43	32.09 0.72 0.00	28.29 0.66 0.00	26.38 0.62 0.00	24.44 0.57 0.00	22.98 0.38 0.00
BETHLEHEM___GS3 323562	21.70 0.21 0.00	20.51 0.16 0.00	20.32 0.16 0.00	20.26 0.18 0.00	20.84 0.16 0.00	22.45 0.33 0.00	32.45 0.76 0.00	37.02 0.90 -0.33	29.72 0.61 0.00	25.70 0.38 0.00	24.31 0.38 0.00	23.62 0.39 0.00	24.08 0.45 0.00	24.64 0.46 0.00	25.19 0.42 0.00	27.73 0.65 0.00	33.64 0.85 0.00	53.19 1.22 -8.36	36.99 0.94 -1.43	32.09 0.72 0.00	28.29 0.66 0.00	26.38 0.62 0.00	24.44 0.57 0.00	22.98 0.38 0.00
BETHLEHEM___STEEL 23779	22.35 0.86 0.00	20.88 0.53 0.00	20.76 0.60 0.00	20.62 0.54 0.00	20.59 -0.08 0.00	23.02 0.91 0.00	32.10 0.41 0.00	35.25 -0.61 -0.07	29.48 0.38 0.00	26.11 0.79 0.00	24.72 0.79 0.00	23.90 0.67 0.00	24.27 0.64 0.00	24.74 0.56 0.00	25.15 0.37 0.00	26.78 -0.30 0.00	31.71 -1.08 0.00	43.55 -1.88 -1.82	33.07 -1.83 -0.29	30.58 -0.78 0.00	27.13 -0.50 0.00	25.46 -0.31 0.00	23.29 -0.57 0.00	22.05 -0.54 0.00
BETHLHEM_115KV_TB1 79974	21.73 0.24 0.00	20.57 0.22 0.00	20.38 0.22 0.00	20.32 0.24 0.00	20.94 0.27 0.00	22.54 0.42 0.00	32.48 0.79 0.00	37.16 1.04 -0.33	29.86 0.76 0.00	25.80 0.48 0.00	24.43 0.50 0.00	23.71 0.49 0.00	24.15 0.52 0.00	24.76 0.58 0.00	25.32 0.55 0.00	27.81 0.73 0.00	33.74 0.95 0.00	53.27 1.31 -8.36	37.05 1.00 -1.43	32.18 0.82 0.00	28.35 0.72 0.00	26.38 0.62 0.00	24.49 0.62 0.00	23.07 0.47 0.00
BETHPAGE_CC_5 323564	30.68 1.55 -7.64	27.67 1.36 -5.96	25.69 1.29 -4.24	23.50 1.27 -2.16	27.03 1.34 -5.02	31.17 1.64 -7.42	35.75 2.98 -1.09	44.36 3.58 -4.99	34.78 2.88 -2.79	31.26 2.41 -3.53	31.51 2.23 -5.35	31.13 2.21 -5.69	30.94 2.22 -5.09	30.97 2.25 -4.54	32.23 2.30 -5.16	33.06 2.57 -3.40	60.93 3.05 -25.09	87.61 4.14 -39.86	51.61 3.15 -13.84	45.67 2.76 -11.54	36.38 2.46 -6.29	33.67 2.40 -5.51	32.15 2.05 -6.23	31.49 1.74 -7.15
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.39 0.90 0.00	20.94 0.59 0.00	20.82 0.67 0.00	20.68 0.60 0.00	20.65 -0.02 0.00	23.09 0.97 0.00	32.23 0.54 0.00	35.25 -0.61 -0.07	29.60 0.49 0.00	26.21 0.89 0.00	24.81 0.89 0.00	23.99 0.77 0.00	24.37 0.73 0.00	24.83 0.65 0.00	25.24 0.47 0.00	26.89 -0.19 0.00	31.87 -0.92 0.00	43.60 -1.83 -1.83	33.07 -1.83 -0.29	30.71 -0.66 0.00	27.22 -0.41 0.00	25.53 -0.23 0.00	23.36 -0.50 0.00	22.12 -0.47 0.00
BINGHAMTON___COGEN 23790	22.07 0.58 0.00	20.82 0.47 0.00	20.64 0.48 0.00	20.54 0.46 0.00	20.99 0.31 0.00	22.85 0.73 0.00	32.61 0.92 0.00	36.58 0.68 -0.11	29.89 0.79 0.00	26.18 0.86 0.00	24.72 0.79 0.00	23.95 0.72 0.00	24.34 0.71 0.00	24.86 0.68 0.00	25.39 0.62 0.00	27.54 0.46 0.00	33.15 0.36 0.00	46.98 0.52 -2.85	35.28 0.17 -0.48	31.81 0.44 0.00	28.04 0.41 0.00	26.23 0.46 0.00	24.18 0.31 0.00	22.87 0.27 0.00
BIXINCNT_115KV_LOAD 355685	22.65 1.16 0.00	21.22 0.88 0.00	21.08 0.93 0.00	20.96 0.88 0.00	20.96 0.29 0.00	23.40 1.28 0.00	32.83 1.14 0.00	35.54 -0.32 -0.07	30.03 0.93 0.00	26.61 1.29 0.00	25.17 1.24 0.00	24.32 1.09 0.00	24.67 1.04 0.00	25.12 0.94 0.00	25.49 0.72 0.00	27.19 0.11 0.00	32.26 -0.52 0.00	43.69 -1.79 -1.87	32.87 -2.04 -0.30	30.68 -0.69 0.00	27.16 -0.47 0.00	25.35 -0.41 0.00	23.27 -0.60 0.00	22.03 -0.56 0.00

BLACK RIVER___HYD 24047	21.73 0.24 0.00	20.57 0.22 0.00	20.30 0.14 0.00	20.26 0.18 0.00	20.80 0.12 0.00	22.45 0.33 0.00	32.45 0.76 0.00	36.58 0.75 -0.03	29.60 0.49 0.00	25.63 0.30 0.00	24.22 0.29 0.00	23.41 0.18 0.00	23.80 0.17 0.00	24.42 0.24 0.00	25.05 0.27 0.00	27.35 0.27 0.00	33.41 0.62 0.00	45.86 1.40 -0.86	35.63 0.87 -0.15	32.31 0.94 0.00	28.40 0.77 0.00	26.23 0.46 0.00	24.30 0.43 0.00	23.00 0.41 0.00
BLACKRVR_115KV_TB2 79977	21.73 0.24 0.00	20.57 0.22 0.00	20.30 0.14 0.00	20.26 0.18 0.00	20.78 0.10 0.00	22.45 0.33 0.00	32.45 0.76 0.00	36.50 0.68 -0.03	29.57 0.47 0.00	25.63 0.30 0.00	24.19 0.26 0.00	23.41 0.19 0.00	23.78 0.14 0.00	24.40 0.22 0.00	24.97 0.20 0.00	27.35 0.27 0.00	33.41 0.62 0.00	45.86 1.40 -0.86	35.63 0.87 -0.15	32.31 0.94 0.00	28.40 0.77 0.00	26.31 0.54 0.00	24.32 0.45 0.00	23.00 0.41 0.00
BLISS_WT_PWR 323608	22.69 1.20 0.00	21.22 0.87 0.00	21.06 0.91 0.00	20.98 0.90 0.00	21.17 0.50 0.00	23.40 1.28 0.00	32.96 1.27 0.00	37.15 1.29 -0.07	30.47 1.37 0.00	26.94 1.62 0.00	25.48 1.55 0.00	24.53 1.30 0.00	24.91 1.28 0.00	25.32 1.14 0.00	25.84 1.06 0.00	27.19 0.11 0.00	32.26 -0.53 0.00	43.73 -1.75 -1.87	32.80 -2.11 -0.30	30.58 -0.78 0.00	26.77 -0.86 0.00	24.97 -0.80 0.00	23.10 -0.76 0.00	22.01 -0.59 0.00
BLUESTONE___WT_PWR 323821	23.04 1.55 0.00	21.73 1.38 0.00	21.47 1.31 0.00	21.43 1.35 0.00	21.96 1.28 0.00	23.86 1.75 0.00	34.57 2.88 0.00	39.09 3.18 -0.12	31.43 2.33 0.00	27.35 2.03 0.00	25.82 1.89 0.00	24.97 1.74 0.00	25.41 1.77 0.00	25.97 1.79 0.00	26.63 1.86 0.00	28.98 1.90 0.00	35.48 2.69 0.00	50.41 3.88 -2.92	37.71 2.60 -0.50	34.00 2.64 0.00	29.87 2.24 0.00	27.65 1.88 0.00	25.54 1.67 0.00	24.13 1.54 0.00
BLUE_CIRC_CHEM_DRP 24182	21.92 0.43 0.00	20.76 0.41 0.00	20.56 0.40 0.00	20.48 0.40 0.00	21.13 0.45 0.00	22.71 0.60 0.00	32.77 1.08 0.00	37.44 1.32 -0.33	30.12 1.02 0.00	26.08 0.76 0.00	24.62 0.69 0.00	23.90 0.67 0.00	24.34 0.71 0.00	24.96 0.77 0.00	25.54 0.77 0.00	28.03 0.95 0.00	33.97 1.18 0.00	53.55 1.61 -8.33	37.29 1.25 -1.43	32.43 1.07 0.00	28.57 0.94 0.00	26.62 0.85 0.00	24.65 0.79 0.00	23.25 0.66 0.00
BOC_GAS_DRP 24189	21.90 0.41 0.00	20.74 0.39 0.00	20.54 0.38 0.00	20.46 0.38 0.00	21.11 0.43 0.00	22.69 0.58 0.00	32.70 1.01 0.00	37.41 1.29 -0.33	30.06 0.96 0.00	26.06 0.73 0.00	24.60 0.67 0.00	23.90 0.67 0.00	24.32 0.69 0.00	24.91 0.73 0.00	25.52 0.74 0.00	28.00 0.92 0.00	33.94 1.15 0.00	53.47 1.53 -8.33	37.26 1.21 -1.43	32.40 1.04 0.00	28.51 0.88 0.00	26.59 0.82 0.00	24.61 0.74 0.00	23.23 0.63 0.00
BOONVILLE_115KV_TB1 79983	21.92 0.43 0.00	20.76 0.41 0.00	20.50 0.34 0.00	20.46 0.38 0.00	21.03 0.35 0.00	22.62 0.51 0.00	32.64 0.95 0.00	36.70 0.89 -0.02	29.83 0.73 0.00	26.01 0.68 0.00	24.57 0.65 0.00	23.78 0.56 0.00	24.20 0.57 0.00	24.79 0.60 0.00	25.32 0.55 0.00	27.71 0.62 0.00	33.67 0.89 0.00	45.45 1.40 -0.45	35.63 0.93 -0.08	32.28 0.91 0.00	28.40 0.77 0.00	26.44 0.67 0.00	24.44 0.57 0.00	23.12 0.52 0.00
BORALEX_4TH_BRANCH 23824	22.24 0.75 0.00	21.04 0.69 0.00	20.78 0.62 0.00	20.74 0.66 0.00	21.44 0.76 0.00	23.18 1.06 0.00	33.50 1.81 0.00	38.30 2.18 -0.33	30.76 1.66 0.00	26.56 1.24 0.00	24.98 1.05 0.00	24.27 1.05 0.00	24.70 1.06 0.00	25.34 1.16 0.00	26.01 1.24 0.00	28.63 1.54 0.00	34.72 1.93 0.00	54.65 2.66 -8.38	38.13 2.08 -1.43	33.12 1.76 0.00	29.18 1.55 0.00	27.18 1.42 0.00	25.11 1.24 0.00	23.79 1.20 0.00
BOWLINE___1 23526	22.41 0.92 0.00	21.16 0.81 0.00	20.92 0.77 0.00	20.84 0.76 0.00	21.46 0.79 0.00	23.09 0.97 0.00	33.65 1.97 0.00	38.37 2.32 -0.26	30.91 1.81 0.00	26.94 1.62 0.00	25.36 1.44 0.00	24.67 1.44 0.00	25.08 1.44 0.00	25.63 1.45 0.00	26.26 1.49 0.00	28.82 1.73 0.00	34.86 2.07 0.00	53.04 2.92 -6.51	37.88 2.15 -1.11	33.19 1.82 0.00	29.23 1.60 0.00	27.29 1.52 0.00	25.18 1.31 0.00	23.66 1.06 0.00
BOWLINE___2 23595	22.43 0.94 0.00	21.18 0.83 0.00	20.92 0.77 0.00	20.84 0.76 0.00	21.48 0.81 0.00	23.13 1.02 0.00	33.72 2.03 0.00	38.45 2.40 -0.26	30.97 1.86 0.00	26.97 1.65 0.00	25.41 1.48 0.00	24.71 1.49 0.00	25.12 1.49 0.00	25.68 1.50 0.00	26.31 1.54 0.00	28.87 1.79 0.00	34.92 2.13 0.00	53.12 3.01 -6.51	37.95 2.22 -1.11	33.25 1.88 0.00	29.29 1.66 0.00	27.34 1.57 0.00	25.20 1.34 0.00	23.70 1.11 0.00
BRADY___115KV_TB2 356060	21.34 -0.15 0.00	20.27 -0.08 0.00	20.10 -0.06 0.00	20.02 -0.06 0.00	20.70 0.02 0.00	21.96 -0.15 0.00	31.63 -0.06 0.00	35.75 -0.04 0.00	29.10 0.00 0.00	25.25 -0.08 0.00	23.88 -0.05 0.00	23.18 -0.05 0.00	23.61 -0.02 0.00	24.16 -0.02 0.00	24.82 0.05 0.00	27.14 0.05 0.00	33.05 0.26 0.00	43.96 0.35 0.00	35.00 0.38 0.00	31.71 0.35 0.00	27.93 0.30 0.00	26.05 0.28 0.00	24.06 0.19 0.00	22.78 0.18 0.00
BRANSCOMB___SOLAR 323811	22.52 1.03 0.00	21.22 0.87 0.00	21.00 0.85 0.00	20.94 0.86 0.00	21.69 1.01 0.00	23.44 1.33 0.00	33.59 1.90 0.00	38.28 2.15 -0.34	30.59 1.48 0.00	26.34 1.01 0.00	24.79 0.86 0.00	24.13 0.90 0.00	24.65 1.02 0.00	25.22 1.04 0.00	25.89 1.12 0.00	28.54 1.46 0.00	34.56 1.77 0.00	54.88 2.66 -8.62	38.10 2.01 -1.47	33.06 1.69 0.00	29.37 1.74 0.00	27.31 1.55 0.00	25.23 1.36 0.00	23.93 1.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.66 1.53 -7.64	27.71 1.40 -5.96	25.75 1.35 -4.24	23.56 1.33 -2.16	27.14 1.45 -5.02	31.24 1.70 -7.42	35.78 3.01 -1.09	44.50 3.72 -4.99	34.89 3.00 -2.79	31.33 2.48 -3.53	31.53 2.25 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.94 2.22 -4.54	32.41 2.48 -5.16	33.25 2.76 -3.40	61.26 3.38 -25.09	88.00 4.54 -39.86	51.92 3.46 -13.84	45.98 3.07 -11.54	36.60 2.68 -6.29	33.62 2.34 -5.51	32.20 2.10 -6.23	31.55 1.81 -7.15
BRISTLHL_115KV_TB1 79998	21.43 -0.06 0.00	20.23 -0.12 0.00	20.03 -0.12 0.00	19.96 -0.12 0.00	20.47 -0.21 0.00	22.14 0.02 0.00	31.50 -0.19 0.00	35.34 -0.50 -0.05	28.72 -0.38 0.00	25.17 -0.15 0.00	23.81 -0.12 0.00	23.09 -0.14 0.00	23.47 -0.17 0.00	23.96 -0.22 0.00	24.43 -0.35 0.00	26.62 -0.46 0.00	32.13 -0.66 0.00	44.21 -0.61 -1.22	34.17 -0.66 -0.21	30.87 -0.50 0.00	27.19 -0.44 0.00	25.46 -0.31 0.00	23.63 -0.24 0.00	22.42 -0.18 0.00
BROOKHAVEN___DRP 24191	30.70 1.57 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.52 1.29 -2.16	27.12 1.43 -5.02	31.26 1.73 -7.42	35.91 3.14 -1.09	44.40 3.61 -4.99	34.75 2.85 -2.79	31.23 2.38 -3.53	31.41 2.13 -5.35	30.96 2.04 -5.69	30.73 2.01 -5.09	30.75 2.03 -4.54	32.18 2.25 -5.16	33.14 2.65 -3.40	61.26 3.38 -25.09	87.74 4.27 -39.86	51.68 3.22 -13.84	45.67 2.76 -11.54	36.38 2.46 -6.29	33.41 2.14 -5.51	31.96 1.86 -6.23	31.35 1.60 -7.15



BROOKLYN_NAVY_YARD 23515	22.67 1.18 0.00	21.39 1.04 0.00	21.10 0.95 0.00	21.00 0.92 0.00	21.67 0.99 0.00	23.35 1.24 0.00	34.23 2.54 0.00	39.10 3.04 -0.27	31.61 2.50 0.00	27.52 2.20 0.00	25.91 1.98 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.19 2.01 0.00	26.81 2.03 0.00	29.41 2.33 0.00	35.61 2.82 0.00	54.09 3.75 -6.73	38.61 2.84 -1.15	33.91 2.54 0.00	29.84 2.21 0.00	27.83 2.06 0.00	25.66 1.79 0.00	24.02 1.42 0.00
BROOKLYN___ARMY_DRP 323595	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
BROOKVLE_69_KV_TB1 55790	30.66 1.53 -7.64	27.75 1.44 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.16 1.47 -5.02	31.26 1.73 -7.42	35.72 2.95 -1.09	44.50 3.72 -4.99	34.95 3.06 -2.79	31.43 2.58 -3.53	31.63 2.34 -5.35	31.27 2.35 -5.69	31.06 2.34 -5.09	31.06 2.35 -4.54	32.48 2.55 -5.16	33.33 2.84 -3.40	61.29 3.41 -25.09	88.13 4.67 -39.86	52.03 3.57 -13.84	46.08 3.17 -11.54	36.69 2.76 -6.29	33.74 2.47 -5.51	32.29 2.20 -6.23	31.62 1.88 -7.15
BROOME_2_LFGE 323671	22.11 0.62 0.00	20.82 0.47 0.00	20.64 0.48 0.00	20.54 0.46 0.00	21.05 0.37 0.00	22.85 0.73 0.00	32.67 0.98 0.00	36.94 1.04 -0.11	30.01 0.90 0.00	26.26 0.94 0.00	24.79 0.86 0.00	23.99 0.77 0.00	24.39 0.76 0.00	24.91 0.72 0.00	25.49 0.72 0.00	27.54 0.46 0.00	33.15 0.36 0.00	47.02 0.57 -2.85	35.28 0.17 -0.48	31.81 0.44 0.00	27.99 0.36 0.00	26.13 0.36 0.00	24.15 0.29 0.00	22.89 0.29 0.00
BROOME___LFGE 323600	22.11 0.62 0.00	20.82 0.47 0.00	20.64 0.48 0.00	20.54 0.46 0.00	21.05 0.37 0.00	22.85 0.73 0.00	32.67 0.98 0.00	36.94 1.04 -0.11	30.01 0.90 0.00	26.26 0.94 0.00	24.79 0.86 0.00	23.99 0.77 0.00	24.39 0.76 0.00	24.91 0.72 0.00	25.49 0.72 0.00	27.54 0.46 0.00	33.15 0.36 0.00	47.02 0.57 -2.85	35.28 0.17 -0.48	31.81 0.44 0.00	27.99 0.36 0.00	26.13 0.36 0.00	24.15 0.29 0.00	22.89 0.29 0.00
BROWNFLS_115KV_TB_3_5 80003	21.19 -0.30 0.00	20.10 -0.24 0.00	19.89 -0.26 0.00	19.84 -0.24 0.00	20.47 -0.21 0.00	21.87 -0.24 0.00	31.59 -0.10 0.00	35.70 -0.11 -0.01	29.02 -0.09 0.00	25.15 -0.18 0.00	23.78 -0.14 0.00	23.04 -0.19 0.00	23.45 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.92 -0.16 0.00	32.82 0.03 0.00	44.18 0.22 -0.35	34.82 0.14 -0.06	31.52 0.16 0.00	27.74 0.11 0.00	25.82 0.05 0.00	23.89 0.02 0.00	22.60 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	22.74 1.25 0.00	21.53 1.18 0.00	21.24 1.09 0.00	21.14 1.06 0.00	21.87 1.20 0.00	23.51 1.39 0.00	34.22 2.54 0.00	39.28 3.22 -0.27	31.87 2.76 0.00	27.75 2.43 0.00	26.11 2.18 0.00	25.43 2.21 0.00	25.81 2.17 0.00	26.36 2.18 0.00	27.00 2.23 0.00	29.63 2.55 0.00	35.87 3.08 0.00	54.44 4.10 -6.73	38.92 3.15 -1.15	34.19 2.82 0.00	30.06 2.43 0.00	28.01 2.24 0.00	25.85 1.98 0.00	24.25 1.65 0.00
BURROWS___LYONSDAL 23803	21.81 0.32 0.00	20.65 0.31 0.00	20.42 0.26 0.00	20.36 0.28 0.00	20.94 0.27 0.00	22.51 0.40 0.00	32.51 0.82 0.00	36.56 0.75 -0.02	29.71 0.61 0.00	25.88 0.56 0.00	24.45 0.53 0.00	23.67 0.44 0.00	24.06 0.43 0.00	24.67 0.48 0.00	25.19 0.42 0.00	27.60 0.51 0.00	33.58 0.79 0.00	45.33 1.26 -0.46	35.53 0.83 -0.08	32.18 0.82 0.00	28.32 0.69 0.00	26.36 0.59 0.00	24.37 0.50 0.00	23.05 0.45 0.00
CAITHNESS_CC_1 323624	30.74 1.61 -7.64	27.65 1.34 -5.96	25.67 1.27 -4.24	23.50 1.27 -2.16	27.01 1.32 -5.02	31.20 1.66 -7.42	35.94 3.17 -1.09	44.36 3.58 -4.99	34.69 2.79 -2.79	31.15 2.30 -3.53	31.39 2.11 -5.35	30.94 2.02 -5.69	30.73 2.01 -5.09	30.77 2.05 -4.54	32.06 2.13 -5.16	33.09 2.60 -3.40	61.19 3.31 -25.09	87.74 4.28 -39.86	51.64 3.18 -13.84	45.67 2.76 -11.54	36.36 2.43 -6.29	33.54 2.27 -5.51	31.96 1.86 -6.23	31.33 1.58 -7.15
CALPINE BETH_PAGE_GT4 24209	30.53 1.40 -7.64	27.63 1.32 -5.96	25.65 1.25 -4.24	23.48 1.24 -2.16	27.05 1.36 -5.02	31.13 1.59 -7.42	35.53 2.76 -1.09	44.25 3.47 -4.99	34.72 2.82 -2.79	31.26 2.41 -3.53	31.46 2.18 -5.35	31.08 2.16 -5.69	30.90 2.17 -5.09	30.89 2.18 -4.54	32.31 2.38 -5.16	33.00 2.52 -3.40	60.90 3.02 -25.09	87.56 4.10 -39.86	51.58 3.12 -13.84	45.64 2.73 -11.54	36.33 2.40 -6.29	33.41 2.14 -5.51	32.12 2.03 -6.23	31.46 1.72 -7.15
CALPINE_BETH_PAGE_GT_4 323586	30.63 1.50 -7.64	27.63 1.32 -5.96	25.65 1.25 -4.24	23.48 1.25 -2.16	26.99 1.30 -5.02	31.13 1.59 -7.42	35.69 2.91 -1.09	44.29 3.51 -4.99	34.72 2.82 -2.79	31.23 2.38 -3.53	31.46 2.18 -5.35	31.08 2.16 -5.69	30.90 2.17 -5.09	30.92 2.20 -4.54	32.18 2.25 -5.16	33.00 2.52 -3.40	60.89 3.01 -25.09	87.56 4.10 -39.86	51.58 3.12 -13.84	45.64 2.73 -11.54	36.33 2.40 -6.29	33.59 2.32 -5.51	32.10 2.00 -6.23	31.44 1.70 -7.15
CALPINE_BP_GT1 23823	30.63 1.50 -7.64	27.63 1.32 -5.96	25.65 1.25 -4.24	23.48 1.25 -2.16	26.99 1.30 -5.02	31.13 1.59 -7.42	35.69 2.91 -1.09	44.29 3.51 -4.99	34.72 2.82 -2.79	31.23 2.38 -3.53	31.46 2.18 -5.35	31.08 2.16 -5.69	30.90 2.17 -5.09	30.92 2.20 -4.54	32.18 2.25 -5.16	33.00 2.52 -3.40	60.89 3.01 -25.09	87.56 4.10 -39.86	51.58 3.12 -13.84	45.64 2.73 -11.54	36.33 2.40 -6.29	33.59 2.32 -5.51	32.10 2.00 -6.23	31.44 1.70 -7.15
CALSPAN___DRP 24200	22.35 0.86 0.00	20.88 0.53 0.00	20.76 0.60 0.00	20.62 0.54 0.00	20.59 -0.08 0.00	23.02 0.91 0.00	32.10 0.41 0.00	35.25 -0.61 -0.07	29.48 0.38 0.00	26.11 0.79 0.00	24.72 0.79 0.00	23.90 0.67 0.00	24.27 0.64 0.00	24.74 0.56 0.00	25.15 0.37 0.00	26.78 -0.30 0.00	31.71 -1.08 0.00	43.55 -1.88 -1.82	33.07 -1.83 -0.29	30.58 -0.78 0.00	27.13 -0.50 0.00	25.46 -0.31 0.00	23.29 -0.57 0.00	22.05 -0.54 0.00
CALVERTON___SOLAR 323806	30.87 1.74 -7.64	27.75 1.44 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.12 1.43 -5.02	31.33 1.79 -7.42	36.20 3.42 -1.09	44.54 3.76 -4.99	34.81 2.91 -2.79	31.26 2.41 -3.53	31.46 2.18 -5.35	30.99 2.07 -5.69	30.76 2.03 -5.09	30.82 2.10 -4.54	32.13 2.20 -5.16	33.22 2.73 -3.40	61.39 3.51 -25.09	87.87 4.40 -39.86	51.79 3.32 -13.84	45.76 2.85 -11.54	36.44 2.51 -6.29	33.59 2.32 -5.51	31.98 1.88 -6.23	31.37 1.63 -7.15
CANDIGU_WT_PWR 323617	22.31 0.82 0.00	20.90 0.55 0.00	20.76 0.60 0.00	20.66 0.58 0.00	21.03 0.35 0.00	23.13 1.02 0.00	32.80 1.11 0.00	37.02 1.14 -0.09	30.24 1.13 0.00	26.59 1.27 0.00	25.12 1.20 0.00	24.25 1.02 0.00	24.63 0.99 0.00	25.10 0.92 0.00	25.64 0.87 0.00	27.41 0.33 0.00	32.66 -0.13 0.00	45.57 -0.22 -2.18	34.36 -0.62 -0.36	31.40 0.03 0.00	27.58 -0.06 0.00	25.71 -0.05 0.00	23.67 -0.19 0.00	22.44 -0.16 0.00

CARR STREET_E_SYR 24060	21.58 0.09 0.00	20.35 0.00 0.00	20.16 0.00 0.00	20.08 0.00 0.00	20.61 -0.06 0.00	22.25 0.13 0.00	31.50 -0.19 0.00	35.59 -0.25 -0.05	28.93 -0.17 0.00	25.37 0.05 0.00	24.00 0.07 0.00	23.27 0.05 0.00	23.66 0.02 0.00	24.16 -0.02 0.00	24.70 -0.07 0.00	26.84 -0.24 0.00	32.26 -0.53 0.00	44.43 -0.48 -1.30	34.25 -0.59 -0.22	30.93 -0.44 0.00	27.33 -0.30 0.00	25.53 -0.23 0.00	23.75 -0.12 0.00	22.55 -0.05 0.00
CARTHAGE___PAPER 23857	21.49 0.00 0.00	20.37 0.02 0.00	20.12 -0.04 0.00	20.06 -0.02 0.00	20.65 -0.02 0.00	22.21 0.09 0.00	32.13 0.44 0.00	36.25 0.43 -0.03	29.36 0.26 0.00	25.42 0.10 0.00	24.00 0.07 0.00	23.25 0.02 0.00	23.61 -0.02 0.00	24.23 0.05 0.00	24.87 0.10 0.00	27.22 0.14 0.00	33.25 0.46 0.00	45.33 1.00 -0.72	35.40 0.66 -0.12	32.06 0.69 0.00	28.18 0.55 0.00	26.10 0.33 0.00	24.13 0.26 0.00	22.82 0.23 0.00
CASSADAGA_WT_PWR 323784	23.02 1.53 0.00	21.53 1.18 0.00	21.43 1.27 0.00	21.26 1.18 0.00	21.44 0.77 0.00	23.75 1.64 0.00	33.46 1.77 0.00	37.76 1.90 -0.07	31.02 1.92 0.00	27.45 2.13 0.00	25.96 2.03 0.00	24.97 1.74 0.00	25.34 1.70 0.00	25.73 1.55 0.00	26.29 1.51 0.00	27.62 0.54 0.00	32.56 -0.23 0.00	44.73 -0.74 -1.87	33.57 -1.35 -0.30	30.96 -0.41 0.00	27.19 -0.44 0.00	25.35 -0.41 0.00	23.36 -0.50 0.00	22.26 -0.34 0.00
CE_DUNWOOD___DRP 24194	22.48 0.99 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.94 0.86 0.00	21.67 0.99 0.00	23.27 1.15 0.00	33.81 2.12 0.00	38.74 2.68 -0.27	31.29 2.18 0.00	27.22 1.90 0.00	25.63 1.70 0.00	24.92 1.70 0.00	25.34 1.70 0.00	25.87 1.69 0.00	26.56 1.78 0.00	29.14 2.06 0.00	35.25 2.46 0.00	53.64 3.31 -6.72	38.30 2.53 -1.15	33.56 2.20 0.00	29.54 1.91 0.00	27.54 1.78 0.00	25.42 1.55 0.00	23.91 1.31 0.00
CE_MILLWOOD___DRP 24193	22.44 0.95 0.00	21.26 0.92 0.00	21.00 0.85 0.00	20.92 0.84 0.00	21.63 0.95 0.00	23.24 1.13 0.00	33.75 2.06 0.00	38.67 2.61 -0.27	31.20 2.10 0.00	27.15 1.82 0.00	25.56 1.63 0.00	24.85 1.63 0.00	25.27 1.63 0.00	25.83 1.64 0.00	26.48 1.71 0.00	29.06 1.98 0.00	35.15 2.36 0.00	53.52 3.23 -6.69	38.22 2.46 -1.14	33.50 2.13 0.00	29.45 1.82 0.00	27.47 1.70 0.00	25.37 1.50 0.00	23.84 1.24 0.00
CE_NYC2_DRP 24202	22.71 1.22 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.38 1.26 0.00	33.91 2.22 0.00	38.92 2.86 -0.27	31.55 2.44 0.00	27.48 2.15 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.57 1.94 0.00	26.09 1.91 0.00	26.76 1.98 0.00	29.36 2.27 0.00	35.54 2.75 0.00	53.96 3.62 -6.74	38.54 2.77 -1.15	33.85 2.48 0.00	29.76 2.13 0.00	27.75 1.98 0.00	25.68 1.81 0.00	24.13 1.54 0.00
CE_NYC_DRP 24195	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	33.76 2.34 0.28	38.83 2.97 -0.07	31.42 2.47 0.16	27.53 2.20 0.00	25.91 1.99 0.00	25.22 2.00 0.00	25.60 1.96 0.00	26.14 1.96 0.00	26.81 2.03 0.00	29.38 2.30 0.00	35.58 2.79 0.00	53.57 3.71 -6.26	38.16 2.80 -0.74	33.81 2.51 0.07	29.79 2.16 0.00	27.78 2.01 0.00	25.63 1.77 0.00	24.07 1.47 0.00
CHAFFEE___LFGE 323603	22.37 0.88 0.00	20.90 0.55 0.00	20.78 0.63 0.00	20.64 0.56 0.00	20.84 0.16 0.00	23.02 0.91 0.00	32.29 0.60 0.00	36.43 0.57 -0.07	29.92 0.81 0.00	26.39 1.06 0.00	24.98 1.05 0.00	24.06 0.83 0.00	24.46 0.83 0.00	24.91 0.72 0.00	25.47 0.69 0.00	26.89 -0.19 0.00	31.87 -0.92 0.00	43.88 -1.57 -1.84	33.22 -1.70 -0.29	30.77 -0.60 0.00	27.02 -0.61 0.00	25.28 -0.49 0.00	23.34 -0.53 0.00	22.21 -0.38 0.00
CHATEAUG_35_KV_LOAD 355732	20.44 -1.05 0.00	19.47 -0.88 0.00	19.37 -0.79 0.00	19.26 -0.82 0.00	20.01 -0.66 0.00	21.34 -0.77 0.00	30.80 -0.89 0.00	35.04 -0.75 0.00	28.67 -0.44 0.00	24.92 -0.41 0.00	23.71 -0.22 0.00	23.13 -0.09 0.00	23.61 -0.02 0.00	24.23 0.05 0.00	25.07 0.30 0.00	27.52 0.43 0.00	33.58 0.79 0.00	44.70 1.09 0.00	35.55 0.93 0.00	32.25 0.88 0.00	28.43 0.80 0.00	26.44 0.67 0.00	24.32 0.45 0.00	23.03 0.43 0.00
CHATEAUG_WT_PWR 323614	20.33 -1.16 0.00	19.43 -0.92 0.00	19.33 -0.83 0.00	19.22 -0.86 0.00	19.97 -0.70 0.00	21.30 -0.82 0.00	30.74 -0.95 0.00	34.90 -0.89 0.00	28.64 -0.47 0.00	24.92 -0.41 0.00	23.71 -0.22 0.00	23.13 -0.09 0.00	23.61 -0.02 0.00	24.25 0.07 0.00	25.05 0.27 0.00	27.54 0.46 0.00	33.61 0.82 0.00	44.70 1.09 0.00	35.55 0.94 0.00	32.24 0.88 0.00	28.40 0.77 0.00	26.46 0.70 0.00	24.32 0.45 0.00	23.00 0.41 0.00
CHAT_HIGH_FALL_HYD 323578	20.37 -1.12 0.00	19.47 -0.87 0.00	19.37 -0.79 0.00	19.26 -0.82 0.00	20.01 -0.66 0.00	21.34 -0.77 0.00	30.80 -0.89 0.00	34.97 -0.82 0.00	28.67 -0.44 0.00	24.92 -0.41 0.00	23.71 -0.22 0.00	23.13 -0.09 0.00	23.61 -0.02 0.00	24.23 0.05 0.00	25.02 0.25 0.00	27.51 0.43 0.00	33.61 0.82 0.00	44.70 1.09 0.00	35.55 0.94 0.00	32.24 0.88 0.00	28.43 0.80 0.00	26.49 0.72 0.00	24.32 0.45 0.00	23.03 0.43 0.00
CHAUTAUQUA___LFGE 323629	22.74 1.25 0.00	21.24 0.89 0.00	21.14 0.99 0.00	20.98 0.90 0.00	21.17 0.50 0.00	23.40 1.28 0.00	32.86 1.17 0.00	37.11 1.25 -0.07	30.47 1.37 0.00	26.89 1.57 0.00	25.46 1.53 0.00	24.50 1.28 0.00	24.91 1.28 0.00	25.32 1.14 0.00	25.86 1.09 0.00	27.30 0.22 0.00	32.26 -0.53 0.00	44.46 -1.00 -1.85	33.56 -1.35 -0.29	30.96 -0.41 0.00	27.19 -0.44 0.00	25.40 -0.36 0.00	23.44 -0.43 0.00	22.33 -0.27 0.00
CHERRYST_13_KV_LD 356241	22.65 1.16 0.00	21.47 1.12 0.00	21.18 1.03 0.00	21.08 1.00 0.00	21.81 1.14 0.00	23.44 1.33 0.00	33.85 2.44 0.28	38.94 3.08 -0.07	31.54 2.59 0.16	27.60 2.28 0.00	25.99 2.06 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.21 2.03 0.00	26.88 2.11 0.00	29.49 2.41 0.00	35.67 2.89 0.00	53.70 3.84 -6.26	38.26 2.91 -0.74	33.90 2.60 0.07	29.87 2.24 0.00	27.83 2.06 0.00	25.70 1.84 0.00	24.11 1.51 0.00
CHESTROR_138KV_BK263 355645	22.26 0.77 0.00	21.08 0.73 0.00	20.84 0.69 0.00	20.76 0.68 0.00	21.44 0.76 0.00	23.05 0.93 0.00	33.40 1.71 0.00	38.15 2.11 -0.25	30.76 1.66 0.00	26.74 1.42 0.00	25.20 1.27 0.00	24.48 1.25 0.00	24.91 1.28 0.00	25.46 1.28 0.00	26.14 1.36 0.00	28.63 1.54 0.00	34.66 1.87 0.00	52.43 2.62 -6.21	37.65 1.97 -1.06	33.06 1.69 0.00	29.07 1.44 0.00	27.13 1.37 0.00	25.06 1.19 0.00	23.59 0.99 0.00
CH_MIDHUDSON___DRP 24192	22.44 0.95 0.00	21.22 0.88 0.00	20.98 0.83 0.00	20.90 0.82 0.00	21.63 0.95 0.00	23.27 1.15 0.00	33.78 2.09 0.00	38.57 2.51 -0.27	31.08 1.98 0.00	26.97 1.65 0.00	25.39 1.46 0.00	24.67 1.44 0.00	25.10 1.47 0.00	25.68 1.50 0.00	26.33 1.56 0.00	28.95 1.87 0.00	35.05 2.26 0.00	53.67 3.18 -6.88	38.22 2.42 -1.18	33.44 2.07 0.00	29.43 1.80 0.00	27.41 1.65 0.00	25.30 1.43 0.00	23.82 1.22 0.00

CH_MISC_IPPS 23765	22.61 1.12 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.65 0.97 0.00	23.35 1.24 0.00	34.07 2.38 0.00	38.71 2.65 -0.27	31.14 2.04 0.00	27.05 1.72 0.00	25.46 1.53 0.00	24.71 1.49 0.00	25.15 1.51 0.00	25.75 1.57 0.00	26.38 1.61 0.00	29.01 1.92 0.00	35.15 2.36 0.00	53.77 3.40 -6.76	38.34 2.56 -1.16	33.53 2.16 0.00	29.51 1.88 0.00	27.52 1.75 0.00	25.35 1.48 0.00	23.82 1.22 0.00
CH_RES_BVR_FALLS 23983	21.02 -0.47 0.00	19.98 -0.37 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.34 -0.33 0.00	21.67 -0.44 0.00	31.12 -0.57 0.00	35.21 -0.57 0.00	28.70 -0.41 0.00	24.97 -0.35 0.00	23.62 -0.31 0.00	22.95 -0.28 0.00	23.35 -0.28 0.00	23.92 -0.27 0.00	24.53 -0.25 0.00	26.84 -0.24 0.00	32.56 -0.23 0.00	43.17 -0.44 0.00	34.38 -0.24 0.00	31.12 -0.25 0.00	27.41 -0.22 0.00	25.51 -0.26 0.00	23.55 -0.31 0.00	22.23 -0.36 0.00
CH_RES_NIAGARA 23895	21.49 0.00 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.97 -0.70 0.00	22.09 -0.02 0.00	30.67 -1.02 0.00	34.57 -1.29 -0.07	28.38 -0.73 0.00	25.04 -0.28 0.00	23.74 -0.19 0.00	22.90 -0.33 0.00	23.28 -0.35 0.00	23.70 -0.48 0.00	24.18 -0.59 0.00	25.51 -1.57 0.00	30.10 -2.69 0.00	41.86 -3.49 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.70 -1.93 0.00	24.01 -1.75 0.00	22.27 -1.60 0.00	21.24 -1.36 0.00
CH_RES_SYRACUSE 23985	21.70 0.21 0.00	20.47 0.12 0.00	20.28 0.12 0.00	20.20 0.12 0.00	20.74 0.06 0.00	22.43 0.31 0.00	31.88 0.19 0.00	35.95 0.11 -0.05	29.22 0.12 0.00	25.55 0.23 0.00	24.17 0.24 0.00	23.41 0.18 0.00	23.80 0.17 0.00	24.30 0.12 0.00	24.85 0.07 0.00	27.03 -0.05 0.00	32.59 -0.20 0.00	45.03 0.04 -1.38	34.68 -0.17 -0.24	31.30 -0.06 0.00	27.55 -0.08 0.00	25.71 -0.05 0.00	23.89 0.02 0.00	22.69 0.09 0.00
CLINTON_WT_PWR 323605	20.33 -1.16 0.00	19.43 -0.92 0.00	19.33 -0.83 0.00	19.22 -0.86 0.00	19.97 -0.70 0.00	21.30 -0.82 0.00	30.74 -0.95 0.00	34.90 -0.89 0.00	28.64 -0.47 0.00	24.92 -0.41 0.00	23.71 -0.22 0.00	23.13 -0.09 0.00	23.61 -0.02 0.00	24.25 0.07 0.00	25.05 0.27 0.00	27.54 0.46 0.00	33.61 0.82 0.00	44.70 1.09 0.00	35.55 0.94 0.00	32.24 0.88 0.00	28.40 0.77 0.00	26.46 0.70 0.00	24.32 0.45 0.00	23.00 0.41 0.00
CLINTON__LFGE 323618	20.52 -0.97 0.00	19.60 -0.75 0.00	19.49 -0.66 0.00	19.40 -0.68 0.00	20.16 -0.52 0.00	21.59 -0.53 0.00	31.18 -0.51 0.00	35.40 -0.39 0.00	29.05 -0.06 0.00	25.22 -0.10 0.00	24.00 0.07 0.00	23.41 0.18 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.34 0.57 0.00	27.89 0.81 0.00	34.10 1.31 0.00	45.44 1.83 0.00	36.11 1.49 0.00	32.75 1.38 0.00	28.87 1.24 0.00	26.87 1.11 0.00	24.65 0.79 0.00	23.34 0.74 0.00
COBBLENY_34_KV_TB1 80064	22.35 0.86 0.00	20.90 0.55 0.00	20.78 0.62 0.00	20.64 0.56 0.00	20.61 -0.06 0.00	23.02 0.91 0.00	32.16 0.48 0.00	35.32 -0.54 -0.07	29.57 0.47 0.00	26.16 0.84 0.00	24.77 0.84 0.00	23.95 0.72 0.00	24.32 0.69 0.00	24.79 0.60 0.00	25.22 0.45 0.00	26.89 -0.19 0.00	31.87 -0.92 0.00	43.79 -1.66 -1.84	33.21 -1.70 -0.29	30.77 -0.60 0.00	27.30 -0.33 0.00	25.59 -0.18 0.00	23.39 -0.48 0.00	22.12 -0.47 0.00
COFFEEN__115KV_TB3 355620	21.86 0.37 0.00	20.69 0.35 0.00	20.40 0.24 0.00	20.36 0.28 0.00	20.90 0.23 0.00	22.58 0.46 0.00	32.70 1.01 0.00	36.75 0.93 -0.03	29.74 0.64 0.00	25.75 0.43 0.00	24.31 0.38 0.00	23.53 0.30 0.00	23.92 0.28 0.00	24.54 0.36 0.00	25.10 0.32 0.00	27.52 0.43 0.00	33.64 0.85 0.00	46.23 1.74 -0.87	35.91 1.14 -0.15	32.59 1.22 0.00	28.65 1.02 0.00	26.49 0.72 0.00	24.49 0.62 0.00	23.14 0.54 0.00
COLDSPRG_115KV_BK1 355956	23.19 1.70 0.00	21.73 1.38 0.00	21.63 1.47 0.00	21.47 1.39 0.00	21.46 0.79 0.00	23.95 1.84 0.00	33.72 2.03 0.00	36.54 0.68 -0.07	30.88 1.78 0.00	27.40 2.08 0.00	25.87 1.94 0.00	24.95 1.72 0.00	25.34 1.70 0.00	25.75 1.57 0.00	26.19 1.41 0.00	27.87 0.79 0.00	33.02 0.23 0.00	44.97 -0.52 -1.89	33.92 -1.00 -0.30	31.56 0.19 0.00	28.10 0.47 0.00	26.33 0.57 0.00	24.03 0.17 0.00	22.73 0.14 0.00
COLONIE_LFGE__ 323577	22.22 0.73 0.00	20.96 0.61 0.00	20.72 0.56 0.00	20.66 0.58 0.00	21.34 0.66 0.00	23.05 0.93 0.00	33.24 1.55 0.00	37.92 1.79 -0.34	30.41 1.31 0.00	26.26 0.94 0.00	24.74 0.81 0.00	24.04 0.81 0.00	24.51 0.87 0.00	25.12 0.94 0.00	25.77 0.99 0.00	28.36 1.27 0.00	34.36 1.57 0.00	54.38 2.27 -8.50	37.80 1.73 -1.46	32.84 1.47 0.00	29.01 1.38 0.00	27.03 1.26 0.00	24.96 1.10 0.00	23.57 0.97 0.00
COOPERNY_115KV_TB1 80082	22.09 0.60 0.00	20.92 0.57 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.25 0.58 0.00	22.85 0.73 0.00	33.02 1.33 0.00	37.59 1.61 -0.19	30.41 1.31 0.00	26.46 1.14 0.00	24.96 1.03 0.00	24.25 1.02 0.00	24.65 1.02 0.00	25.20 1.02 0.00	25.84 1.07 0.00	28.27 1.19 0.00	34.23 1.44 0.00	50.48 2.01 -4.87	36.94 1.49 -0.83	32.65 1.29 0.00	28.76 1.13 0.00	26.82 1.06 0.00	24.77 0.91 0.00	23.37 0.77 0.00
COPENHAGEN_WT_PWR 323753	21.70 0.21 0.00	20.53 0.18 0.00	20.26 0.10 0.00	20.22 0.14 0.00	20.78 0.10 0.00	22.43 0.31 0.00	32.36 0.67 0.00	36.47 0.64 -0.04	29.51 0.41 0.00	25.58 0.25 0.00	24.17 0.24 0.00	23.37 0.14 0.00	23.75 0.12 0.00	24.37 0.19 0.00	25.00 0.22 0.00	27.27 0.19 0.00	33.28 0.49 0.00	45.68 1.18 -0.90	35.50 0.73 -0.15	32.18 0.81 0.00	28.27 0.64 0.00	26.15 0.39 0.00	24.22 0.36 0.00	22.94 0.34 0.00
CORNELL____ 23752	22.26 0.77 0.00	21.00 0.65 0.00	20.80 0.64 0.00	20.72 0.64 0.00	21.21 0.54 0.00	23.11 1.00 0.00	33.08 1.39 0.00	37.16 1.29 -0.09	30.38 1.28 0.00	26.54 1.22 0.00	25.03 1.10 0.00	24.20 0.98 0.00	24.60 0.97 0.00	25.15 0.97 0.00	25.67 0.89 0.00	27.84 0.76 0.00	33.74 0.95 0.00	47.35 1.57 -2.17	35.96 0.97 -0.37	32.47 1.10 0.00	28.60 0.97 0.00	26.67 0.90 0.00	24.58 0.72 0.00	23.25 0.66 0.00
CORONAAV_69_KV_TB1 355595	30.59 1.46 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.52 1.29 -2.16	27.12 1.43 -5.02	31.17 1.64 -7.42	35.59 2.82 -1.09	44.22 3.44 -4.99	34.69 2.79 -2.79	31.31 2.46 -3.53	31.51 2.23 -5.35	31.13 2.21 -5.69	30.94 2.22 -5.09	30.94 2.22 -4.54	32.23 2.30 -5.16	33.11 2.63 -3.40	60.93 3.05 -25.09	87.61 4.14 -39.86	51.65 3.18 -13.84	45.76 2.85 -11.54	36.41 2.49 -6.29	33.64 2.37 -5.51	32.20 2.10 -6.23	31.53 1.79 -7.15
CORTLAND_115KV_TB3 80093	22.03 0.54 0.00	20.80 0.45 0.00	20.60 0.44 0.00	20.52 0.44 0.00	21.03 0.35 0.00	22.82 0.71 0.00	32.67 0.98 0.00	36.69 0.82 -0.07	29.92 0.81 0.00	26.16 0.84 0.00	24.69 0.77 0.00	23.90 0.67 0.00	24.30 0.66 0.00	24.83 0.65 0.00	25.37 0.59 0.00	27.60 0.51 0.00	33.35 0.56 0.00	46.42 0.96 -1.86	35.49 0.55 -0.32	32.03 0.66 0.00	28.21 0.58 0.00	26.33 0.57 0.00	24.32 0.45 0.00	23.03 0.43 0.00

COXSACKIE___GT 23611	22.71 1.22 0.00	21.43 1.08 0.00	21.20 1.05 0.00	21.10 1.02 0.00	21.92 1.24 0.00	23.75 1.64 0.00	34.60 2.91 0.00	38.93 2.83 -0.31	31.02 1.92 0.00	26.44 1.11 0.00	24.89 0.96 0.00	24.06 0.83 0.00	24.56 0.92 0.00	25.24 1.06 0.00	25.84 1.06 0.00	28.73 1.65 0.00	35.22 2.43 0.00	55.03 3.58 -7.85	38.73 2.77 -1.34	33.91 2.54 0.00	29.73 2.10 0.00	27.67 1.91 0.00	25.44 1.57 0.00	23.98 1.38 0.00
CPV_VALLEY___CC1 323721	22.20 0.71 0.00	20.96 0.61 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.25 0.58 0.00	22.89 0.77 0.00	33.24 1.55 0.00	37.80 1.79 -0.23	30.50 1.40 0.00	26.56 1.24 0.00	25.05 1.12 0.00	24.34 1.11 0.00	24.75 1.11 0.00	25.32 1.14 0.00	25.94 1.16 0.00	28.41 1.33 0.00	34.40 1.61 0.00	51.60 2.27 -5.72	37.26 1.66 -0.98	32.78 1.41 0.00	28.87 1.24 0.00	26.95 1.19 0.00	24.87 1.00 0.00	23.41 0.81 0.00
CPV_VALLEY___CC2 323722	22.20 0.71 0.00	20.96 0.61 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.25 0.58 0.00	22.89 0.77 0.00	33.24 1.55 0.00	37.80 1.79 -0.23	30.50 1.40 0.00	26.56 1.24 0.00	25.05 1.12 0.00	24.34 1.11 0.00	24.75 1.11 0.00	25.32 1.14 0.00	25.94 1.16 0.00	28.41 1.33 0.00	34.40 1.61 0.00	51.60 2.27 -5.72	37.26 1.66 -0.98	32.78 1.41 0.00	28.87 1.24 0.00	26.95 1.19 0.00	24.87 1.00 0.00	23.41 0.81 0.00
CRESCENT___HYD 24018	22.22 0.73 0.00	20.96 0.61 0.00	20.72 0.56 0.00	20.66 0.58 0.00	21.34 0.66 0.00	23.05 0.93 0.00	33.24 1.55 0.00	37.92 1.79 -0.34	30.41 1.31 0.00	26.26 0.94 0.00	24.74 0.81 0.00	24.04 0.81 0.00	24.51 0.87 0.00	25.12 0.94 0.00	25.77 0.99 0.00	28.36 1.27 0.00	34.36 1.57 0.00	54.38 2.27 -8.50	37.80 1.73 -1.46	32.84 1.47 0.00	29.01 1.38 0.00	27.03 1.26 0.00	24.96 1.10 0.00	23.57 0.97 0.00
CRICKET___VALLEY_CC1 323756	22.37 0.88 0.00	21.10 0.75 0.00	20.82 0.66 0.00	20.76 0.68 0.00	21.42 0.74 0.00	23.13 1.02 0.00	33.65 1.97 0.00	38.43 2.36 -0.28	30.94 1.83 0.00	26.79 1.47 0.00	25.22 1.29 0.00	24.48 1.25 0.00	24.93 1.30 0.00	25.53 1.35 0.00	26.19 1.41 0.00	28.87 1.79 0.00	34.95 2.16 0.00	53.64 2.92 -7.12	38.09 2.25 -1.22	33.31 1.95 0.00	29.37 1.74 0.00	27.42 1.65 0.00	25.23 1.36 0.00	23.75 1.15 0.00
CRICKET___VALLEY_CC2 323757	22.37 0.88 0.00	21.10 0.75 0.00	20.82 0.66 0.00	20.76 0.68 0.00	21.42 0.74 0.00	23.13 1.02 0.00	33.65 1.97 0.00	38.43 2.36 -0.28	30.94 1.83 0.00	26.79 1.47 0.00	25.22 1.29 0.00	24.48 1.25 0.00	24.93 1.30 0.00	25.53 1.35 0.00	26.19 1.41 0.00	28.87 1.79 0.00	34.95 2.16 0.00	53.64 2.92 -7.12	38.09 2.25 -1.22	33.31 1.95 0.00	29.37 1.74 0.00	27.42 1.65 0.00	25.23 1.36 0.00	23.75 1.15 0.00
CRICKET___VALLEY_CC3 323758	22.37 0.88 0.00	21.10 0.75 0.00	20.82 0.66 0.00	20.76 0.68 0.00	21.42 0.74 0.00	23.13 1.02 0.00	33.65 1.97 0.00	38.43 2.36 -0.28	30.94 1.83 0.00	26.79 1.47 0.00	25.22 1.29 0.00	24.48 1.25 0.00	24.93 1.30 0.00	25.53 1.35 0.00	26.19 1.41 0.00	28.87 1.79 0.00	34.95 2.16 0.00	53.64 2.92 -7.12	38.09 2.25 -1.22	33.31 1.95 0.00	29.37 1.74 0.00	27.42 1.65 0.00	25.23 1.36 0.00	23.75 1.15 0.00
CRUCIBLE_METL_DRP 24180	21.68 0.19 0.00	20.47 0.12 0.00	20.28 0.12 0.00	20.20 0.12 0.00	20.72 0.04 0.00	22.43 0.31 0.00	31.91 0.22 0.00	35.88 0.04 -0.05	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.03 -0.05 0.00	32.63 -0.16 0.00	45.03 0.04 -1.38	34.68 -0.17 -0.24	31.30 -0.06 0.00	27.60 -0.03 0.00	25.79 0.03 0.00	23.91 0.05 0.00	22.66 0.07 0.00
DAHOWA___HYDRO 323763	22.61 1.12 0.00	21.31 0.96 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.79 1.12 0.00	23.55 1.44 0.00	33.69 2.00 0.00	38.39 2.26 -0.34	30.64 1.54 0.00	26.39 1.06 0.00	24.81 0.89 0.00	24.18 0.95 0.00	24.70 1.06 0.00	25.24 1.06 0.00	25.91 1.14 0.00	28.60 1.52 0.00	34.56 1.77 0.00	54.99 2.75 -8.63	38.14 2.04 -1.48	33.09 1.72 0.00	29.48 1.85 0.00	27.39 1.62 0.00	25.30 1.43 0.00	24.02 1.42 0.00
DANC___LFGE 323619	21.58 0.09 0.00	20.39 0.04 0.00	20.16 0.00 0.00	20.10 0.02 0.00	20.65 -0.02 0.00	22.29 0.18 0.00	31.97 0.28 0.00	36.08 0.25 -0.04	29.22 0.12 0.00	25.40 0.08 0.00	23.98 0.05 0.00	23.23 0.00 0.00	23.59 -0.05 0.00	24.18 0.00 0.00	24.77 0.00 0.00	27.00 -0.08 0.00	32.82 0.03 0.00	45.10 0.48 -1.02	34.97 0.17 -0.17	31.65 0.28 0.00	27.82 0.19 0.00	25.82 0.05 0.00	23.96 0.10 0.00	22.73 0.14 0.00
DANSKAMMER___1 23586	22.61 1.12 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.65 0.97 0.00	23.35 1.24 0.00	34.07 2.38 0.00	38.71 2.65 -0.27	31.14 2.04 0.00	27.05 1.72 0.00	25.46 1.53 0.00	24.71 1.49 0.00	25.15 1.51 0.00	25.75 1.57 0.00	26.38 1.61 0.00	29.01 1.92 0.00	35.15 2.36 0.00	53.77 3.40 -6.76	38.34 2.56 -1.16	33.53 2.16 0.00	29.51 1.88 0.00	27.52 1.75 0.00	25.35 1.48 0.00	23.82 1.22 0.00
DANSKAMMER___2 23589	22.61 1.12 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.65 0.97 0.00	23.35 1.24 0.00	34.07 2.38 0.00	38.71 2.65 -0.27	31.14 2.04 0.00	27.05 1.72 0.00	25.46 1.53 0.00	24.71 1.49 0.00	25.15 1.51 0.00	25.75 1.57 0.00	26.38 1.61 0.00	29.01 1.92 0.00	35.15 2.36 0.00	53.77 3.40 -6.76	38.34 2.56 -1.16	33.53 2.16 0.00	29.51 1.88 0.00	27.52 1.75 0.00	25.35 1.48 0.00	23.82 1.22 0.00
DANSKAMMER___3 23590	22.61 1.12 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.65 0.97 0.00	23.35 1.24 0.00	34.07 2.38 0.00	38.71 2.65 -0.27	31.14 2.04 0.00	27.05 1.72 0.00	25.46 1.53 0.00	24.71 1.49 0.00	25.15 1.51 0.00	25.75 1.57 0.00	26.38 1.61 0.00	29.01 1.92 0.00	35.15 2.36 0.00	53.77 3.40 -6.76	38.34 2.56 -1.16	33.53 2.16 0.00	29.51 1.88 0.00	27.52 1.75 0.00	25.35 1.48 0.00	23.82 1.22 0.00
DANSKAMMER___4 23591	22.61 1.12 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.65 0.97 0.00	23.35 1.24 0.00	34.07 2.38 0.00	38.71 2.65 -0.27	31.14 2.04 0.00	27.05 1.72 0.00	25.46 1.53 0.00	24.71 1.49 0.00	25.15 1.51 0.00	25.75 1.57 0.00	26.38 1.61 0.00	29.01 1.92 0.00	35.15 2.36 0.00	53.77 3.40 -6.76	38.34 2.56 -1.16	33.53 2.16 0.00	29.51 1.88 0.00	27.52 1.75 0.00	25.35 1.48 0.00	23.82 1.22 0.00
DANSKAMMER___DIESEL 23592	22.52 1.03 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.71 1.03 0.00	23.35 1.24 0.00	33.94 2.25 0.00	38.67 2.61 -0.27	31.17 2.07 0.00	27.04 1.72 0.00	25.46 1.53 0.00	24.71 1.49 0.00	25.15 1.51 0.00	25.73 1.55 0.00	26.41 1.64 0.00	29.01 1.92 0.00	35.15 2.36 0.00	53.72 3.36 -6.76	38.34 2.56 -1.16	33.53 2.16 0.00	29.48 1.85 0.00	27.49 1.73 0.00	25.35 1.48 0.00	23.86 1.27 0.00

DARBY___SOLAR 323810	22.54 1.05 0.00	21.24 0.89 0.00	21.02 0.87 0.00	20.96 0.88 0.00	21.71 1.03 0.00	23.47 1.35 0.00	33.59 1.90 0.00	38.31 2.18 -0.34	30.62 1.51 0.00	26.39 1.06 0.00	24.84 0.91 0.00	24.18 0.95 0.00	24.67 1.04 0.00	25.24 1.06 0.00	25.89 1.12 0.00	28.57 1.49 0.00	34.53 1.74 0.00	54.88 2.66 -8.62	38.07 1.97 -1.47	33.06 1.69 0.00	29.37 1.74 0.00	27.31 1.55 0.00	25.25 1.38 0.00	23.95 1.36 0.00
DASHVILLE___HYD 23610	22.41 0.92 0.00	21.20 0.85 0.00	20.94 0.79 0.00	20.86 0.78 0.00	21.61 0.93 0.00	23.20 1.08 0.00	33.72 2.03 0.00	38.03 1.97 -0.28	30.88 1.78 0.00	26.84 1.52 0.00	25.27 1.34 0.00	24.53 1.30 0.00	24.93 1.30 0.00	25.51 1.33 0.00	26.11 1.34 0.00	28.71 1.62 0.00	34.82 2.03 0.00	52.81 2.27 -6.94	37.54 1.73 -1.19	33.22 1.85 0.00	29.21 1.57 0.00	27.31 1.55 0.00	25.20 1.34 0.00	23.70 1.11 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.15 2.02 -7.64	28.06 1.75 -5.96	26.07 1.67 -4.24	23.90 1.67 -2.16	27.49 1.80 -5.02	31.73 2.19 -7.42	36.67 3.90 -1.09	45.29 4.51 -4.99	35.51 3.61 -2.79	31.76 2.91 -3.53	31.89 2.61 -5.35	31.41 2.49 -5.69	31.16 2.43 -5.09	31.18 2.47 -4.54	32.78 2.85 -5.16	33.84 3.36 -3.40	62.18 4.30 -25.09	88.92 5.45 -39.86	52.62 4.15 -13.84	46.48 3.58 -11.54	37.10 3.18 -6.29	33.95 2.68 -5.51	32.39 2.29 -6.23	31.76 2.01 -7.15
DELAWARE___LFGE 323621	22.24 0.75 0.00	21.02 0.67 0.00	20.82 0.67 0.00	20.76 0.68 0.00	21.34 0.66 0.00	23.00 0.88 0.00	33.18 1.49 0.00	37.57 1.65 -0.13	30.47 1.37 0.00	26.54 1.22 0.00	25.03 1.10 0.00	24.27 1.05 0.00	24.70 1.06 0.00	25.25 1.06 0.00	25.86 1.09 0.00	28.27 1.19 0.00	34.23 1.44 0.00	48.95 2.01 -3.34	36.57 1.38 -0.57	32.72 1.35 0.00	28.82 1.19 0.00	26.85 1.08 0.00	24.77 0.91 0.00	23.39 0.79 0.00
DERFIELD_115KV_TB7 355931	21.58 0.09 0.00	20.43 0.08 0.00	20.22 0.06 0.00	20.14 0.06 0.00	20.76 0.08 0.00	22.23 0.11 0.00	31.88 0.19 0.00	36.01 0.21 -0.01	29.28 0.17 0.00	25.47 0.15 0.00	24.05 0.12 0.00	23.34 0.12 0.00	23.75 0.12 0.00	24.33 0.15 0.00	24.92 0.15 0.00	27.25 0.16 0.00	33.02 0.23 0.00	44.09 0.31 -0.18	34.86 0.21 -0.03	31.56 0.19 0.00	27.77 0.14 0.00	25.89 0.13 0.00	23.98 0.12 0.00	22.71 0.11 0.00
DOGLEVILLE___HYD 23807	22.07 0.58 0.00	20.92 0.57 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.23 0.56 0.00	22.80 0.69 0.00	32.83 1.14 0.00	36.91 1.11 -0.01	30.03 0.93 0.00	26.34 1.01 0.00	24.91 0.98 0.00	24.18 0.95 0.00	24.60 0.97 0.00	25.20 1.02 0.00	25.84 1.06 0.00	28.06 0.97 0.00	34.00 1.21 0.00	45.44 1.66 -0.18	35.93 1.28 -0.03	32.49 1.13 0.00	28.54 0.91 0.00	26.51 0.75 0.00	24.65 0.79 0.00	23.27 0.68 0.00
DUNKIRK___115KV_TB_200 55889	22.65 1.16 0.00	21.18 0.83 0.00	21.08 0.93 0.00	20.92 0.84 0.00	20.90 0.23 0.00	23.35 1.24 0.00	32.67 0.98 0.00	35.97 0.11 -0.07	30.06 0.96 0.00	26.61 1.29 0.00	25.17 1.24 0.00	24.32 1.09 0.00	24.70 1.06 0.00	25.15 0.97 0.00	25.59 0.82 0.00	27.25 0.16 0.00	32.23 -0.56 0.00	44.33 -1.13 -1.85	33.56 -1.35 -0.29	30.96 -0.41 0.00	27.44 -0.19 0.00	25.69 -0.08 0.00	23.51 -0.36 0.00	22.24 -0.36 0.00
DUNKIRK___1 23563	22.65 1.16 0.00	21.18 0.83 0.00	21.08 0.93 0.00	20.92 0.84 0.00	20.90 0.23 0.00	23.35 1.24 0.00	32.67 0.98 0.00	35.97 0.11 -0.07	30.06 0.96 0.00	26.61 1.29 0.00	25.17 1.24 0.00	24.32 1.09 0.00	24.70 1.06 0.00	25.15 0.97 0.00	25.59 0.82 0.00	27.25 0.16 0.00	32.23 -0.56 0.00	44.33 -1.13 -1.85	33.56 -1.35 -0.29	30.96 -0.41 0.00	27.44 -0.19 0.00	25.69 -0.08 0.00	23.51 -0.36 0.00	22.24 -0.36 0.00
DUNKIRK___2 23564	22.65 1.16 0.00	21.18 0.83 0.00	21.08 0.93 0.00	20.92 0.84 0.00	20.90 0.23 0.00	23.35 1.24 0.00	32.67 0.98 0.00	35.97 0.11 -0.07	30.06 0.96 0.00	26.61 1.29 0.00	25.17 1.24 0.00	24.32 1.09 0.00	24.70 1.06 0.00	25.15 0.97 0.00	25.59 0.82 0.00	27.25 0.16 0.00	32.23 -0.56 0.00	44.33 -1.13 -1.85	33.56 -1.35 -0.29	30.96 -0.41 0.00	27.44 -0.19 0.00	25.69 -0.08 0.00	23.51 -0.36 0.00	22.24 -0.36 0.00
DUNKIRK___3 23565	22.54 1.05 0.00	21.10 0.75 0.00	20.98 0.83 0.00	20.84 0.76 0.00	20.82 0.14 0.00	23.24 1.13 0.00	32.51 0.82 0.00	35.72 -0.14 -0.07	29.86 0.76 0.00	26.46 1.14 0.00	25.03 1.10 0.00	24.18 0.95 0.00	24.56 0.92 0.00	25.00 0.82 0.00	25.44 0.67 0.00	27.11 0.03 0.00	32.10 -0.69 0.00	44.07 -1.40 -1.86	33.36 -1.56 -0.29	30.83 -0.53 0.00	27.35 -0.28 0.00	25.64 -0.13 0.00	23.46 -0.41 0.00	22.21 -0.38 0.00
DUNKIRK___4 23566	22.56 1.07 0.00	21.10 0.75 0.00	20.98 0.83 0.00	20.84 0.76 0.00	20.80 0.12 0.00	23.24 1.13 0.00	32.48 0.79 0.00	35.75 -0.11 -0.07	29.89 0.79 0.00	26.46 1.14 0.00	25.03 1.10 0.00	24.20 0.98 0.00	24.58 0.95 0.00	25.03 0.85 0.00	25.44 0.67 0.00	27.11 0.03 0.00	32.07 -0.72 0.00	44.05 -1.40 -1.83	33.39 -1.52 -0.29	30.83 -0.53 0.00	27.33 -0.30 0.00	25.61 -0.15 0.00	23.44 -0.43 0.00	22.17 -0.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.52 1.03 0.00	21.33 0.98 0.00	21.06 0.91 0.00	20.98 0.90 0.00	21.71 1.03 0.00	23.31 1.19 0.00	33.88 2.19 0.00	38.85 2.79 -0.27	31.34 2.24 0.00	27.27 1.95 0.00	25.70 1.77 0.00	24.99 1.77 0.00	25.41 1.77 0.00	25.95 1.77 0.00	26.63 1.86 0.00	29.20 2.11 0.00	35.31 2.52 0.00	53.79 3.44 -6.74	38.37 2.60 -1.15	33.66 2.29 0.00	29.62 1.99 0.00	27.62 1.86 0.00	25.49 1.62 0.00	23.95 1.36 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.39 0.90 0.00	21.20 0.85 0.00	20.94 0.79 0.00	20.86 0.78 0.00	21.58 0.91 0.00	23.20 1.08 0.00	33.69 2.00 0.00	38.38 2.33 -0.26	30.97 1.86 0.00	26.89 1.57 0.00	25.34 1.41 0.00	24.60 1.37 0.00	25.03 1.39 0.00	25.58 1.40 0.00	26.24 1.46 0.00	28.82 1.73 0.00	34.85 2.07 0.00	53.09 2.92 -6.56	37.92 2.18 -1.12	33.25 1.88 0.00	29.23 1.60 0.00	27.29 1.52 0.00	25.18 1.31 0.00	23.70 1.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.82 1.33 0.00	21.61 1.26 0.00	21.32 1.17 0.00	21.22 1.14 0.00	21.96 1.28 0.00	23.33 1.22 0.00	33.75 2.06 0.00	38.70 2.65 -0.27	31.37 2.27 0.00	27.35 2.03 0.00	25.75 1.82 0.00	25.06 1.83 0.00	25.45 1.82 0.00	25.97 1.79 0.00	26.61 1.83 0.00	29.22 2.14 0.00	35.38 2.59 0.00	53.74 3.40 -6.74	38.33 2.56 -1.15	33.69 2.32 0.00	29.62 1.99 0.00	27.62 1.86 0.00	25.63 1.77 0.00	24.16 1.56 0.00
E179THST_13_KV_LOAD 356214	22.89 1.40 0.00	21.69 1.34 0.00	21.39 1.23 0.00	21.30 1.22 0.00	22.02 1.34 0.00	23.42 1.30 0.00	33.88 2.19 0.00	38.88 2.83 -0.27	31.52 2.42 0.00	27.48 2.15 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.09 1.91 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.54 2.75 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.85 2.48 0.00	29.73 2.10 0.00	27.75 1.98 0.00	25.75 1.89 0.00	24.25 1.65 0.00

EAST HAMPTON___GT 23717	31.47 2.34 -7.64	28.26 1.95 -5.96	26.27 1.87 -4.24	24.10 1.87 -2.16	27.63 1.94 -5.02	31.97 2.43 -7.42	37.18 4.40 -1.09	45.83 5.05 -4.99	35.82 3.93 -2.79	32.01 3.16 -3.53	32.15 2.87 -5.35	31.64 2.72 -5.69	31.39 2.67 -5.09	31.47 2.76 -4.54	32.88 2.95 -5.16	34.22 3.74 -3.40	62.63 4.75 -25.09	89.57 6.10 -39.86	53.13 4.67 -13.84	46.96 4.05 -11.54	37.46 3.54 -6.29	34.52 3.25 -5.51	32.65 2.55 -6.23	31.96 2.22 -7.15
EAST RIVER___6 23660	22.74 1.25 0.00	21.45 1.10 0.00	21.16 1.01 0.00	21.08 1.00 0.00	21.73 1.05 0.00	23.40 1.28 0.00	33.95 2.54 0.28	38.90 3.04 -0.07	31.48 2.53 0.16	27.60 2.28 0.00	25.96 2.03 0.00	25.34 2.11 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.47 2.38 0.00	35.71 2.92 0.00	53.74 3.88 -6.26	38.26 2.91 -0.74	33.90 2.60 0.07	29.84 2.21 0.00	27.85 2.09 0.00	25.66 1.79 0.00	24.04 1.45 0.00
EAST RIVER___7 23524	22.74 1.25 0.00	21.45 1.10 0.00	21.16 1.01 0.00	21.08 1.00 0.00	21.73 1.05 0.00	23.40 1.28 0.00	33.95 2.54 0.28	38.90 3.04 -0.07	31.48 2.53 0.16	27.60 2.28 0.00	25.96 2.03 0.00	25.34 2.11 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.47 2.38 0.00	35.71 2.92 0.00	53.74 3.88 -6.26	38.26 2.91 -0.74	33.90 2.60 0.07	29.84 2.21 0.00	27.85 2.09 0.00	25.66 1.79 0.00	24.04 1.45 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.48 0.99 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.94 0.86 0.00	21.67 0.99 0.00	23.27 1.15 0.00	33.81 2.12 0.00	38.74 2.68 -0.27	31.29 2.18 0.00	27.22 1.90 0.00	25.63 1.70 0.00	24.92 1.70 0.00	25.34 1.70 0.00	25.87 1.69 0.00	26.56 1.78 0.00	29.14 2.06 0.00	35.25 2.46 0.00	53.64 3.31 -6.72	38.30 2.53 -1.15	33.56 2.20 0.00	29.54 1.91 0.00	27.54 1.78 0.00	25.42 1.55 0.00	23.91 1.31 0.00
EAST_HAMPTON___DIESEL 23722	31.47 2.34 -7.64	28.26 1.95 -5.96	26.27 1.87 -4.24	24.10 1.87 -2.16	27.66 1.97 -5.02	31.97 2.43 -7.42	37.18 4.40 -1.09	45.86 5.08 -4.99	35.82 3.93 -2.79	32.01 3.16 -3.53	32.15 2.87 -5.35	31.66 2.74 -5.69	31.39 2.67 -5.09	31.47 2.76 -4.54	32.88 2.95 -5.16	34.22 3.74 -3.40	62.63 4.75 -25.09	89.61 6.15 -39.86	53.17 4.71 -13.84	46.96 4.05 -11.54	37.46 3.54 -6.29	34.52 3.25 -5.51	32.67 2.58 -6.23	31.96 2.22 -7.15
EAST_PULASKI___ESR 323781	21.49 0.00 0.00	20.31 -0.04 0.00	20.10 -0.06 0.00	20.02 -0.06 0.00	20.55 -0.12 0.00	22.20 0.09 0.00	31.72 0.03 0.00	35.69 -0.14 -0.04	28.96 -0.15 0.00	25.25 -0.08 0.00	23.86 -0.07 0.00	23.11 -0.12 0.00	23.49 -0.14 0.00	24.04 -0.15 0.00	24.55 -0.22 0.00	26.76 -0.32 0.00	32.43 -0.36 0.00	44.56 -0.17 -1.13	34.50 -0.31 -0.19	31.18 -0.19 0.00	27.46 -0.17 0.00	25.61 -0.15 0.00	23.77 -0.10 0.00	22.55 -0.05 0.00
EAST_RIVER___1 323558	22.69 1.20 0.00	21.43 1.08 0.00	21.12 0.97 0.00	21.04 0.96 0.00	21.71 1.03 0.00	23.38 1.26 0.00	33.92 2.50 0.28	38.87 3.01 -0.07	31.42 2.47 0.16	27.50 2.18 0.00	25.89 1.96 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.16 1.98 0.00	26.78 2.01 0.00	29.38 2.30 0.00	35.61 2.82 0.00	53.57 3.70 -6.26	38.19 2.84 -0.74	33.81 2.51 0.07	29.79 2.16 0.00	27.80 2.04 0.00	25.63 1.77 0.00	24.02 1.42 0.00
EAST_RIVER___2 323559	22.74 1.25 0.00	21.45 1.10 0.00	21.16 1.01 0.00	21.08 1.00 0.00	21.73 1.05 0.00	23.40 1.28 0.00	33.95 2.54 0.28	38.90 3.04 -0.07	31.48 2.53 0.16	27.60 2.28 0.00	25.96 2.03 0.00	25.34 2.11 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.47 2.38 0.00	35.71 2.92 0.00	53.74 3.88 -6.26	38.26 2.91 -0.74	33.90 2.60 0.07	29.84 2.21 0.00	27.85 2.09 0.00	25.66 1.79 0.00	24.04 1.45 0.00
EAST___DELAWARE_HYD 23607	22.67 1.18 0.00	21.39 1.04 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.71 1.03 0.00	23.42 1.30 0.00	34.19 2.50 0.00	38.46 2.43 -0.24	31.02 1.92 0.00	27.05 1.72 0.00	25.44 1.51 0.00	24.69 1.46 0.00	25.12 1.49 0.00	25.71 1.52 0.00	26.36 1.59 0.00	28.84 1.76 0.00	34.99 2.20 0.00	52.76 3.18 -5.98	38.03 2.39 -1.02	33.44 2.07 0.00	29.37 1.74 0.00	27.42 1.65 0.00	25.35 1.48 0.00	23.84 1.24 0.00
EIGHT_POINT___WT_PWR 323820	22.59 1.10 0.00	21.14 0.79 0.00	21.02 0.87 0.00	20.92 0.84 0.00	21.29 0.62 0.00	23.58 1.46 0.00	33.46 1.77 0.00	37.70 1.82 -0.08	30.79 1.69 0.00	27.07 1.75 0.00	25.60 1.67 0.00	24.67 1.44 0.00	25.03 1.39 0.00	25.51 1.33 0.00	26.06 1.29 0.00	27.76 0.68 0.00	33.02 0.23 0.00	46.06 0.35 -2.11	34.73 -0.24 -0.35	31.81 0.44 0.00	27.88 0.25 0.00	25.97 0.21 0.00	23.87 0.00 0.00	22.57 -0.02 0.00
ELBRIDGE_115KV_TB2 80188	21.60 0.11 0.00	20.39 0.04 0.00	20.20 0.04 0.00	20.12 0.04 0.00	20.63 -0.04 0.00	22.34 0.22 0.00	31.78 0.10 0.00	35.77 -0.07 -0.06	29.04 -0.06 0.00	25.35 0.03 0.00	23.98 0.05 0.00	23.25 0.02 0.00	23.61 -0.02 0.00	24.13 -0.05 0.00	24.70 -0.07 0.00	26.95 -0.14 0.00	32.53 -0.26 0.00	44.90 -0.13 -1.43	34.55 -0.31 -0.24	31.21 -0.16 0.00	27.49 -0.14 0.00	25.66 -0.10 0.00	23.79 -0.07 0.00	22.55 -0.05 0.00
ELEC_TRO_TEK 24086	30.48 1.35 -7.64	27.61 1.30 -5.96	25.63 1.23 -4.24	23.44 1.20 -2.16	27.03 1.34 -5.02	31.08 1.55 -7.42	35.47 2.69 -1.09	44.18 3.40 -4.99	34.66 2.76 -2.79	31.20 2.36 -3.53	31.41 2.13 -5.35	31.03 2.11 -5.69	30.85 2.13 -5.09	30.85 2.13 -4.54	32.23 2.30 -5.16	33.06 2.57 -3.40	60.96 3.08 -25.09	87.65 4.19 -39.86	51.65 3.18 -13.84	45.76 2.85 -11.54	36.38 2.46 -6.29	33.49 2.22 -5.51	32.08 1.98 -6.23	31.44 1.69 -7.15
ELLENBURG_WT_PWR 323604	20.33 -1.16 0.00	19.43 -0.92 0.00	19.33 -0.83 0.00	19.22 -0.86 0.00	19.97 -0.70 0.00	21.30 -0.82 0.00	30.74 -0.95 0.00	34.90 -0.89 0.00	28.64 -0.47 0.00	24.92 -0.41 0.00	23.71 -0.22 0.00	23.13 -0.09 0.00	23.61 -0.02 0.00	24.25 0.07 0.00	25.05 0.27 0.00	27.54 0.46 0.00	33.61 0.82 0.00	44.70 1.09 0.00	35.55 0.94 0.00	32.24 0.88 0.00	28.40 0.77 0.00	26.46 0.70 0.00	24.32 0.45 0.00	23.00 0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.18 0.69 0.00	20.72 0.37 0.00	20.60 0.44 0.00	20.46 0.38 0.00	20.41 -0.27 0.00	22.85 0.73 0.00	31.78 0.10 0.00	35.04 -0.82 -0.07	29.22 0.12 0.00	25.88 0.56 0.00	24.50 0.57 0.00	23.69 0.46 0.00	24.08 0.45 0.00	24.54 0.36 0.00	24.92 0.15 0.00	26.54 -0.54 0.00	31.41 -1.38 0.00	43.31 -2.09 -1.80	32.89 -2.01 -0.28	30.33 -1.04 0.00	26.91 -0.72 0.00	25.22 -0.54 0.00	23.10 -0.76 0.00	21.90 -0.70 0.00
EMPIRE_CC_1 323656	22.07 0.58 0.00	20.82 0.47 0.00	20.60 0.44 0.00	20.54 0.46 0.00	21.17 0.50 0.00	22.85 0.73 0.00	32.83 1.14 0.00	37.39 1.29 -0.32	30.03 0.93 0.00	25.98 0.66 0.00	24.57 0.65 0.00	23.88 0.65 0.00	24.32 0.69 0.00	24.93 0.75 0.00	25.49 0.72 0.00	28.03 0.95 0.00	34.00 1.21 0.00	53.22 1.57 -8.05	37.28 1.28 -1.38	32.43 1.07 0.00	28.60 0.97 0.00	26.77 1.00 0.00	24.72 0.86 0.00	23.32 0.72 0.00

EMPIRE_CC_2 323658	22.07 0.58 0.00	20.82 0.47 0.00	20.60 0.44 0.00	20.54 0.46 0.00	21.17 0.50 0.00	22.85 0.73 0.00	32.83 1.14 0.00	37.39 1.29 -0.32	30.03 0.93 0.00	25.98 0.66 0.00	24.57 0.65 0.00	23.88 0.65 0.00	24.32 0.69 0.00	24.93 0.75 0.00	25.49 0.72 0.00	28.03 0.95 0.00	34.00 1.21 0.00	53.22 1.57 -8.05	37.28 1.28 -1.38	32.43 1.07 0.00	28.60 0.97 0.00	26.77 1.00 0.00	24.72 0.86 0.00	23.32 0.72 0.00
ENORWICH_115KV_TB1 80156	23.23 1.74 0.00	21.98 1.63 0.00	21.69 1.53 0.00	21.69 1.61 0.00	22.14 1.47 0.00	24.20 2.08 0.00	35.11 3.42 0.00	39.33 3.44 -0.11	31.31 2.21 0.00	27.22 1.90 0.00	25.67 1.75 0.00	24.81 1.58 0.00	25.24 1.61 0.00	25.85 1.67 0.00	26.43 1.66 0.00	28.87 1.79 0.00	36.07 3.28 0.00	51.13 4.84 -2.69	38.43 3.36 -0.46	34.69 3.32 0.00	30.53 2.90 0.00	28.32 2.55 0.00	25.99 2.12 0.00	24.52 1.92 0.00
ERIE_ST__34_KV_TB1-2 80199	22.52 1.03 0.00	21.06 0.71 0.00	20.94 0.79 0.00	20.80 0.72 0.00	20.76 0.08 0.00	23.20 1.08 0.00	32.45 0.76 0.00	35.18 -0.68 -0.07	29.80 0.70 0.00	26.41 1.09 0.00	24.98 1.05 0.00	24.16 0.93 0.00	24.53 0.90 0.00	25.00 0.82 0.00	25.42 0.64 0.00	27.08 0.00 0.00	32.10 -0.69 0.00	43.56 -1.88 -1.83	33.00 -1.90 -0.29	30.90 -0.47 0.00	27.44 -0.19 0.00	25.71 -0.05 0.00	23.51 -0.36 0.00	22.26 -0.34 0.00
ERIE_WT_PWR 323693	22.39 0.90 0.00	20.90 0.55 0.00	20.78 0.63 0.00	20.64 0.56 0.00	20.84 0.16 0.00	23.05 0.93 0.00	32.23 0.54 0.00	36.36 0.50 -0.07	29.83 0.73 0.00	26.36 1.04 0.00	24.96 1.03 0.00	24.04 0.81 0.00	24.44 0.80 0.00	24.88 0.70 0.00	25.42 0.64 0.00	26.81 -0.27 0.00	31.71 -1.08 0.00	43.68 -1.75 -1.82	33.10 -1.80 -0.29	30.61 -0.75 0.00	26.91 -0.72 0.00	25.15 -0.62 0.00	23.27 -0.60 0.00	22.17 -0.43 0.00
ESPRGFLD_115KV_TB1 80157	22.33 0.84 0.00	21.10 0.75 0.00	20.88 0.73 0.00	20.82 0.74 0.00	21.46 0.79 0.00	23.22 1.11 0.00	33.65 1.96 0.00	38.01 2.25 0.03	30.88 1.78 0.00	26.72 1.39 0.00	25.17 1.24 0.00	24.39 1.16 0.00	24.79 1.16 0.00	25.39 1.21 0.00	26.11 1.34 0.00	28.52 1.44 0.00	34.66 1.87 0.00	45.74 2.88 0.74	36.50 2.01 0.13	33.25 1.88 0.00	29.23 1.60 0.00	27.13 1.37 0.00	24.94 1.07 0.00	23.55 0.95 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.22 0.73 0.00	20.98 0.63 0.00	20.76 0.60 0.00	20.68 0.60 0.00	21.19 0.52 0.00	23.07 0.95 0.00	33.02 1.33 0.00	37.09 1.22 -0.09	30.33 1.22 0.00	26.49 1.16 0.00	24.98 1.05 0.00	24.16 0.93 0.00	24.56 0.92 0.00	25.10 0.92 0.00	25.62 0.84 0.00	27.79 0.70 0.00	33.67 0.89 0.00	47.25 1.48 -2.16	35.89 0.90 -0.37	32.37 1.00 0.00	28.54 0.91 0.00	26.62 0.85 0.00	24.56 0.69 0.00	23.21 0.61 0.00
ETNA_____115KV_TB2 80207	22.22 0.73 0.00	20.98 0.63 0.00	20.76 0.60 0.00	20.68 0.60 0.00	21.19 0.52 0.00	23.07 0.95 0.00	33.02 1.33 0.00	37.09 1.22 -0.09	30.33 1.22 0.00	26.49 1.16 0.00	24.98 1.05 0.00	24.16 0.93 0.00	24.56 0.92 0.00	25.10 0.92 0.00	25.62 0.84 0.00	27.79 0.70 0.00	33.67 0.89 0.00	47.25 1.48 -2.16	35.89 0.90 -0.37	32.37 1.00 0.00	28.54 0.91 0.00	26.62 0.85 0.00	24.56 0.69 0.00	23.21 0.61 0.00
EUCLID__115KV_TB2 356179	21.45 -0.04 0.00	20.25 -0.10 0.00	20.06 -0.10 0.00	19.98 -0.10 0.00	20.49 -0.19 0.00	22.14 0.02 0.00	31.47 -0.22 0.00	35.41 -0.43 -0.05	28.81 -0.29 0.00	25.20 -0.13 0.00	23.83 -0.10 0.00	23.11 -0.12 0.00	23.49 -0.14 0.00	24.01 -0.17 0.00	24.53 -0.25 0.00	26.70 -0.38 0.00	32.20 -0.59 0.00	44.32 -0.57 -1.28	34.22 -0.62 -0.22	30.87 -0.50 0.00	27.24 -0.39 0.00	25.46 -0.31 0.00	23.63 -0.24 0.00	22.42 -0.18 0.00
E_CANADA_CAP_HY 24051	22.24 0.75 0.00	20.98 0.63 0.00	20.76 0.60 0.00	20.70 0.62 0.00	21.46 0.79 0.00	23.22 1.11 0.00	33.75 2.06 0.00	38.72 2.50 -0.43	30.85 1.75 0.00	26.49 1.17 0.00	24.89 0.96 0.00	24.13 0.90 0.00	24.58 0.95 0.00	25.22 1.04 0.00	25.94 1.16 0.00	28.41 1.33 0.00	34.59 1.80 0.00	57.36 3.01 -10.75	38.61 2.15 -1.84	33.28 1.91 0.00	29.23 1.60 0.00	27.21 1.44 0.00	24.94 1.07 0.00	23.55 0.95 0.00
E_CANADA_MHWK_HY 24050	22.07 0.58 0.00	20.92 0.57 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.23 0.56 0.00	22.80 0.69 0.00	32.83 1.14 0.00	36.91 1.11 -0.01	30.03 0.93 0.00	26.34 1.01 0.00	24.91 0.98 0.00	24.18 0.95 0.00	24.60 0.97 0.00	25.20 1.02 0.00	25.84 1.06 0.00	28.06 0.97 0.00	34.00 1.21 0.00	45.44 1.66 -0.18	35.93 1.28 -0.03	32.49 1.13 0.00	28.54 0.91 0.00	26.51 0.75 0.00	24.65 0.79 0.00	23.27 0.68 0.00
E_FISHKILL__LBMP 23776	22.35 0.86 0.00	21.16 0.81 0.00	20.92 0.77 0.00	20.84 0.76 0.00	21.54 0.87 0.00	23.16 1.04 0.00	33.59 1.90 0.00	38.46 2.40 -0.27	31.02 1.92 0.00	26.94 1.62 0.00	25.39 1.46 0.00	24.67 1.44 0.00	25.08 1.44 0.00	25.66 1.48 0.00	26.31 1.54 0.00	28.90 1.81 0.00	34.95 2.16 0.00	53.47 2.97 -6.89	38.05 2.25 -1.18	33.34 1.98 0.00	29.34 1.71 0.00	27.34 1.57 0.00	25.25 1.38 0.00	23.77 1.18 0.00
FALCON__SEABRD_CC1 323796	20.54 -0.95 0.00	19.62 -0.73 0.00	19.51 -0.65 0.00	19.42 -0.66 0.00	20.18 -0.50 0.00	21.56 -0.55 0.00	31.15 -0.54 0.00	35.36 -0.43 0.00	29.02 -0.09 0.00	25.22 -0.10 0.00	24.00 0.07 0.00	23.41 0.18 0.00	23.89 0.26 0.00	24.54 0.36 0.00	25.37 0.59 0.00	27.89 0.81 0.00	34.07 1.28 0.00	45.35 1.75 0.00	36.04 1.42 0.00	32.72 1.35 0.00	28.82 1.19 0.00	26.85 1.08 0.00	24.65 0.79 0.00	23.34 0.74 0.00
FALCON__SEABRD_CC2 323797	20.54 -0.95 0.00	19.62 -0.73 0.00	19.51 -0.65 0.00	19.42 -0.66 0.00	20.18 -0.50 0.00	21.56 -0.55 0.00	31.15 -0.54 0.00	35.36 -0.43 0.00	29.02 -0.09 0.00	25.22 -0.10 0.00	24.00 0.07 0.00	23.41 0.18 0.00	23.89 0.26 0.00	24.54 0.36 0.00	25.37 0.59 0.00	27.89 0.81 0.00	34.07 1.28 0.00	45.35 1.75 0.00	36.04 1.42 0.00	32.72 1.35 0.00	28.82 1.19 0.00	26.85 1.08 0.00	24.65 0.79 0.00	23.34 0.74 0.00
FAR ROCKAWAY__4 23548	30.83 1.70 -7.64	27.91 1.61 -5.96	25.91 1.51 -4.24	23.74 1.51 -2.16	27.32 1.63 -5.02	31.44 1.90 -7.42	36.01 3.23 -1.09	44.65 3.87 -4.99	35.04 3.14 -2.79	31.61 2.76 -3.53	31.79 2.51 -5.35	31.43 2.51 -5.69	31.23 2.51 -5.09	31.23 2.51 -4.54	32.56 2.63 -5.16	33.44 2.95 -3.40	60.86 2.98 -25.09	87.61 4.14 -39.86	51.61 3.15 -13.84	45.73 2.82 -11.54	36.52 2.60 -6.29	34.03 2.76 -5.51	32.51 2.41 -6.23	31.80 2.06 -7.15
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.03 2.34 0.00	39.06 3.01 -0.27	31.61 2.50 0.00	27.55 2.23 0.00	25.91 1.99 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.16 1.98 0.00	26.83 2.06 0.00	29.41 2.33 0.00	35.61 2.82 0.00	54.09 3.75 -6.73	38.61 2.84 -1.15	33.91 2.54 0.00	29.81 2.18 0.00	27.80 2.04 0.00	25.66 1.79 0.00	24.09 1.49 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.03 2.34 0.00	39.06 3.01 -0.27	31.61 2.50 0.00	27.53 2.20 0.00	25.91 1.99 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.14 1.96 0.00	26.81 2.03 0.00	29.41 2.33 0.00	35.58 2.79 0.00	54.05 3.71 -6.73	38.61 2.84 -1.15	33.91 2.54 0.00	29.81 2.18 0.00	27.78 2.01 0.00	25.66 1.79 0.00	24.09 1.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.03 2.34 0.00	39.03 2.97 -0.27	31.58 2.47 0.00	27.50 2.18 0.00	25.89 1.96 0.00	25.20 1.97 0.00	25.60 1.96 0.00	26.14 1.96 0.00	26.78 2.01 0.00	29.38 2.30 0.00	35.54 2.75 0.00	54.00 3.66 -6.73	38.58 2.80 -1.15	33.88 2.51 0.00	29.79 2.16 0.00	27.75 1.98 0.00	25.63 1.77 0.00	24.07 1.47 0.00
FARRAGUT___LBMP 323566	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	34.00 2.31 0.00	38.99 2.93 -0.27	31.55 2.44 0.00	27.48 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.12 1.93 0.00	26.76 1.98 0.00	29.36 2.27 0.00	35.51 2.72 0.00	53.96 3.62 -6.73	38.54 2.77 -1.15	33.85 2.48 0.00	29.76 2.13 0.00	27.75 1.98 0.00	25.61 1.74 0.00	24.04 1.45 0.00
FENNER___WINDPWR 24204	22.09 0.60 0.00	20.88 0.53 0.00	20.64 0.48 0.00	20.58 0.50 0.00	21.15 0.48 0.00	22.82 0.71 0.00	32.77 1.08 0.00	36.91 1.07 -0.05	30.01 0.90 0.00	26.18 0.86 0.00	24.74 0.81 0.00	23.97 0.74 0.00	24.37 0.73 0.00	24.93 0.75 0.00	25.54 0.77 0.00	27.76 0.68 0.00	33.64 0.85 0.00	46.29 1.35 -1.33	35.68 0.83 -0.23	32.21 0.85 0.00	28.35 0.72 0.00	26.36 0.59 0.00	24.44 0.57 0.00	23.16 0.57 0.00
FIBERTEK___ENERGY 23856	21.68 0.19 0.00	20.47 0.12 0.00	20.28 0.12 0.00	20.20 0.12 0.00	20.72 0.04 0.00	22.43 0.31 0.00	31.91 0.22 0.00	35.88 0.04 -0.05	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.03 -0.05 0.00	32.63 -0.16 0.00	45.03 0.04 -1.38	34.68 -0.17 -0.24	31.30 -0.06 0.00	27.60 -0.03 0.00	25.79 0.03 0.00	23.91 0.05 0.00	22.66 0.07 0.00
FITZPATRICK____ 23598	21.15 -0.34 0.00	19.96 -0.39 0.00	19.77 -0.38 0.00	19.70 -0.38 0.00	20.22 -0.45 0.00	21.76 -0.35 0.00	30.86 -0.82 0.00	34.83 -1.00 -0.04	28.32 -0.78 0.00	24.71 -0.61 0.00	23.38 -0.55 0.00	22.67 -0.56 0.00	23.04 -0.59 0.00	23.58 -0.60 0.00	24.11 -0.67 0.00	26.24 -0.84 0.00	31.67 -1.11 0.00	43.32 -1.31 -1.02	33.62 -1.18 -0.17	30.36 -1.00 0.00	26.74 -0.89 0.00	24.97 -0.80 0.00	23.24 -0.62 0.00	22.10 -0.50 0.00
FLOWRFLD_69_KV_BK1 356044	30.74 1.61 -7.64	27.77 1.47 -5.96	25.79 1.39 -4.24	23.62 1.39 -2.16	27.22 1.53 -5.02	31.33 1.79 -7.42	35.88 3.11 -1.09	44.79 4.01 -4.99	35.16 3.26 -2.79	31.43 2.58 -3.53	31.63 2.34 -5.35	31.22 2.30 -5.69	31.02 2.29 -5.09	31.04 2.32 -4.54	32.63 2.70 -5.16	33.52 3.03 -3.40	61.62 3.74 -25.09	88.44 4.97 -39.86	52.27 3.81 -13.84	46.26 3.36 -11.54	36.85 2.93 -6.29	33.69 2.42 -5.51	32.24 2.15 -6.23	31.60 1.85 -7.15
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.54 1.05 0.00	21.35 1.00 0.00	21.06 0.91 0.00	20.98 0.90 0.00	21.73 1.05 0.00	23.40 1.28 0.00	34.00 2.31 0.00	38.74 2.68 -0.27	31.23 2.12 0.00	27.07 1.75 0.00	25.51 1.58 0.00	24.76 1.53 0.00	25.17 1.54 0.00	25.78 1.60 0.00	26.43 1.66 0.00	29.06 1.98 0.00	35.22 2.43 0.00	53.83 3.44 -6.78	38.41 2.63 -1.16	33.59 2.23 0.00	29.54 1.91 0.00	27.54 1.78 0.00	25.39 1.53 0.00	23.89 1.29 0.00
FORT ORANGE____ 23900	21.98 0.49 0.00	20.76 0.41 0.00	20.56 0.40 0.00	20.48 0.40 0.00	21.11 0.43 0.00	22.78 0.66 0.00	32.92 1.23 0.00	37.51 1.39 -0.33	30.09 0.99 0.00	25.96 0.63 0.00	24.53 0.60 0.00	23.81 0.58 0.00	24.27 0.64 0.00	24.86 0.68 0.00	25.44 0.67 0.00	28.03 0.95 0.00	34.07 1.28 0.00	53.70 1.79 -8.30	37.43 1.39 -1.42	32.56 1.19 0.00	28.68 1.05 0.00	26.72 0.95 0.00	24.72 0.86 0.00	23.27 0.68 0.00
FORT_DRUM_COGEN 23780	21.73 0.24 0.00	20.57 0.22 0.00	20.30 0.14 0.00	20.26 0.18 0.00	20.78 0.10 0.00	22.45 0.33 0.00	32.45 0.76 0.00	36.50 0.68 -0.03	29.57 0.47 0.00	25.63 0.30 0.00	24.19 0.26 0.00	23.41 0.19 0.00	23.78 0.14 0.00	24.40 0.22 0.00	24.97 0.20 0.00	27.35 0.27 0.00	33.41 0.62 0.00	45.86 1.40 -0.86	35.63 0.87 -0.15	32.31 0.94 0.00	28.40 0.77 0.00	26.31 0.54 0.00	24.32 0.45 0.00	23.00 0.41 0.00
FOX_HILLS___ESR 323835	22.93 1.44 0.00	21.71 1.36 0.00	21.41 1.25 0.00	21.30 1.22 0.00	22.04 1.36 0.00	23.53 1.42 0.00	34.00 2.31 0.00	38.92 2.86 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.64 2.85 0.00	54.09 3.75 -6.74	38.65 2.87 -1.15	34.10 2.73 0.00	29.95 2.32 0.00	27.96 2.19 0.00	25.92 2.05 0.00	24.39 1.79 -0.01
FPL_FAR_ROCK_GT1 24212	30.94 1.81 -7.64	27.91 1.61 -5.96	25.91 1.51 -4.24	23.74 1.51 -2.16	27.28 1.59 -5.02	31.44 1.90 -7.42	36.13 3.36 -1.09	44.68 3.90 -4.99	35.04 3.14 -2.79	31.61 2.76 -3.53	31.79 2.51 -5.35	31.43 2.51 -5.69	31.23 2.50 -5.09	31.28 2.56 -4.54	32.55 2.62 -5.16	33.44 2.95 -3.40	60.89 3.01 -25.09	87.65 4.19 -39.86	51.61 3.15 -13.84	45.73 2.82 -11.54	36.52 2.60 -6.29	34.03 2.76 -5.51	32.48 2.39 -6.23	31.78 2.03 -7.15
FPL_FAR_ROCK_GT2 23815	30.94 1.81 -7.64	27.91 1.61 -5.96	25.91 1.51 -4.24	23.74 1.51 -2.16	27.28 1.59 -5.02	31.44 1.90 -7.42	36.13 3.36 -1.09	44.68 3.90 -4.99	35.04 3.14 -2.79	31.61 2.76 -3.53	31.79 2.51 -5.35	31.43 2.51 -5.69	31.23 2.50 -5.09	31.28 2.56 -4.54	32.55 2.62 -5.16	33.44 2.95 -3.40	60.89 3.01 -25.09	87.65 4.19 -39.86	51.61 3.15 -13.84	45.73 2.82 -11.54	36.52 2.60 -6.29	34.03 2.76 -5.51	32.48 2.39 -6.23	31.78 2.03 -7.15
FRANKLIN_FALL_HYD 24054	20.72 -0.77 0.00	19.72 -0.63 0.00	19.61 -0.54 0.00	19.50 -0.58 0.00	20.26 -0.41 0.00	21.63 -0.49 0.00	31.25 -0.44 0.00	35.47 -0.32 0.00	29.02 -0.09 0.00	25.20 -0.13 0.00	23.95 0.02 0.00	23.32 0.09 0.00	23.78 0.14 0.00	24.37 0.19 0.00	25.17 0.40 0.00	27.57 0.49 0.00	33.71 0.92 0.00	44.91 1.31 0.00	35.66 1.04 0.00	32.34 0.97 0.00	28.51 0.88 0.00	26.56 0.80 0.00	24.44 0.57 0.00	23.14 0.54 0.00
FREEPORT_EQUS_GT1 23764	30.70 1.57 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.30 -2.16	27.08 1.39 -5.02	31.20 1.66 -7.42	35.82 3.04 -1.09	44.43 3.65 -4.99	34.83 2.94 -2.79	31.31 2.46 -3.53	31.53 2.25 -5.35	31.15 2.23 -5.69	30.97 2.25 -5.09	31.02 2.30 -4.54	32.28 2.35 -5.16	33.22 2.73 -3.40	61.19 3.31 -25.09	87.96 4.49 -39.86	51.92 3.46 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.80 2.53 -5.51	32.20 2.10 -6.23	31.53 1.78 -7.15



FREEPORT___CT2 23818	30.70 1.57 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.30 -2.16	27.08 1.39 -5.02	31.20 1.66 -7.42	35.82 3.04 -1.09	44.43 3.65 -4.99	34.83 2.94 -2.79	31.31 2.46 -3.53	31.53 2.25 -5.35	31.15 2.23 -5.69	30.97 2.25 -5.09	31.02 2.30 -4.54	32.28 2.35 -5.16	33.22 2.73 -3.40	61.19 3.31 -25.09	87.96 4.49 -39.86	51.92 3.46 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.80 2.53 -5.51	32.20 2.10 -6.23	31.53 1.78 -7.15
FRESHKLS_33_KV_LOAD 356253	23.08 1.59 0.00	21.83 1.49 0.00	21.53 1.37 0.00	21.43 1.35 0.00	22.16 1.49 0.00	23.62 1.50 0.00	33.88 2.19 0.00	38.63 2.58 -0.27	31.64 2.53 0.00	27.58 2.25 0.00	25.91 1.99 0.00	25.27 2.04 0.00	25.64 2.01 0.00	26.16 1.98 0.00	26.81 2.03 0.00	29.49 2.41 0.00	35.48 2.69 0.00	53.87 3.53 -6.74	38.44 2.67 -1.15	34.10 2.73 0.00	29.98 2.35 0.00	28.03 2.27 0.00	26.04 2.17 0.00	24.57 1.97 -0.01
FULTON COGEN____ 23766	21.43 -0.06 0.00	20.23 -0.12 0.00	20.03 -0.12 0.00	19.96 -0.12 0.00	20.47 -0.21 0.00	22.14 0.02 0.00	31.50 -0.19 0.00	35.34 -0.50 -0.05	28.72 -0.38 0.00	25.17 -0.15 0.00	23.81 -0.12 0.00	23.09 -0.14 0.00	23.47 -0.17 0.00	23.96 -0.22 0.00	24.43 -0.35 0.00	26.62 -0.46 0.00	32.13 -0.66 0.00	44.21 -0.61 -1.22	34.17 -0.66 -0.21	30.87 -0.50 0.00	27.19 -0.44 0.00	25.46 -0.31 0.00	23.63 -0.24 0.00	22.42 -0.18 0.00
FULTON___LFGE 323630	22.84 1.35 0.00	21.51 1.16 0.00	21.30 1.15 0.00	21.24 1.16 0.00	22.14 1.47 0.00	24.02 1.90 0.00	34.92 3.23 0.00	39.59 3.40 -0.40	31.40 2.30 0.00	27.12 1.80 0.00	25.41 1.48 0.00	24.69 1.46 0.00	25.29 1.65 0.00	26.07 1.89 0.00	26.93 2.15 0.00	29.17 2.09 0.00	35.61 2.82 0.00	58.17 4.45 -10.11	39.57 3.22 -1.73	34.19 2.82 0.00	29.98 2.35 0.00	27.80 2.04 0.00	25.73 1.86 0.00	24.25 1.65 0.00
G.F.CEMENT___DRP 24184	22.74 1.25 0.00	21.49 1.14 0.00	21.26 1.11 0.00	21.18 1.10 0.00	22.02 1.34 0.00	23.80 1.68 0.00	34.45 2.76 0.00	39.32 3.19 -0.34	31.43 2.33 0.00	27.02 1.70 0.00	25.39 1.46 0.00	24.78 1.56 0.00	25.34 1.70 0.00	25.83 1.64 0.00	26.56 1.78 0.00	28.63 1.54 0.00	34.53 1.74 0.00	55.06 2.79 -8.67	38.14 2.04 -1.48	33.06 1.69 0.00	29.04 1.41 0.00	26.87 1.11 0.00	24.94 1.07 0.00	24.27 1.67 0.00
GARDENVILLE___LBMP 24039	22.26 0.77 0.00	20.82 0.47 0.00	20.70 0.54 0.00	20.56 0.48 0.00	20.51 -0.17 0.00	22.93 0.82 0.00	31.97 0.29 0.00	35.18 -0.68 -0.07	29.37 0.26 0.00	26.03 0.71 0.00	24.62 0.69 0.00	23.81 0.58 0.00	24.20 0.57 0.00	24.67 0.48 0.00	25.07 0.30 0.00	26.70 -0.38 0.00	31.61 -1.18 0.00	43.46 -1.96 -1.82	32.97 -1.94 -0.29	30.49 -0.88 0.00	27.05 -0.58 0.00	25.35 -0.41 0.00	23.22 -0.64 0.00	21.99 -0.61 0.00
GARDNVLA_35_KV_LD 355827	22.37 0.88 0.00	20.92 0.57 0.00	20.80 0.64 0.00	20.66 0.58 0.00	20.61 -0.06 0.00	23.05 0.93 0.00	32.13 0.44 0.00	35.32 -0.54 -0.07	29.54 0.44 0.00	26.16 0.84 0.00	24.77 0.84 0.00	23.95 0.72 0.00	24.32 0.69 0.00	24.79 0.60 0.00	25.19 0.42 0.00	26.84 -0.24 0.00	31.81 -0.98 0.00	43.68 -1.74 -1.82	33.14 -1.77 -0.29	30.68 -0.69 0.00	27.19 -0.44 0.00	25.51 -0.26 0.00	23.34 -0.53 0.00	22.10 -0.50 0.00
GELCKHM___115KV_LOAD 80723	21.53 0.04 0.00	20.33 -0.02 0.00	20.14 -0.02 0.00	20.06 -0.02 0.00	20.57 -0.10 0.00	22.23 0.11 0.00	31.66 -0.03 0.00	35.59 -0.25 -0.05	28.96 -0.15 0.00	25.32 0.00 0.00	23.93 0.00 0.00	23.20 -0.02 0.00	23.59 -0.05 0.00	24.11 -0.07 0.00	24.63 -0.15 0.00	26.84 -0.24 0.00	32.36 -0.43 0.00	44.58 -0.35 -1.32	34.40 -0.45 -0.23	31.05 -0.31 0.00	27.38 -0.25 0.00	25.59 -0.18 0.00	23.72 -0.14 0.00	22.51 -0.09 0.00
GENERAL___MILLS 23808	22.35 0.86 0.00	20.88 0.53 0.00	20.76 0.60 0.00	20.62 0.54 0.00	20.59 -0.08 0.00	23.02 0.91 0.00	32.10 0.41 0.00	35.25 -0.61 -0.07	29.48 0.38 0.00	26.11 0.79 0.00	24.72 0.79 0.00	23.90 0.67 0.00	24.27 0.64 0.00	24.74 0.56 0.00	25.15 0.37 0.00	26.78 -0.30 0.00	31.71 -1.08 0.00	43.55 -1.88 -1.82	33.07 -1.83 -0.29	30.58 -0.78 0.00	27.13 -0.50 0.00	25.46 -0.31 0.00	23.29 -0.57 0.00	22.05 -0.54 0.00
GE_PLASTICS___DRP 24183	21.90 0.41 0.00	20.72 0.37 0.00	20.52 0.36 0.00	20.46 0.38 0.00	21.11 0.43 0.00	22.69 0.58 0.00	32.73 1.05 0.00	37.41 1.29 -0.33	30.06 0.96 0.00	26.01 0.68 0.00	24.57 0.65 0.00	23.85 0.63 0.00	24.30 0.66 0.00	24.91 0.73 0.00	25.49 0.72 0.00	28.00 0.92 0.00	33.94 1.15 0.00	53.54 1.61 -8.32	37.29 1.25 -1.42	32.40 1.04 0.00	28.54 0.91 0.00	26.59 0.82 0.00	24.63 0.76 0.00	23.23 0.63 0.00
GILBOA___1 23756	22.09 0.60 0.00	20.82 0.47 0.00	20.68 0.52 0.00	20.60 0.52 0.00	21.23 0.56 0.00	22.78 0.66 0.00	32.92 1.23 0.00	37.49 1.43 -0.27	30.21 1.11 0.00	26.26 0.94 0.00	24.77 0.84 0.00	24.04 0.81 0.00	24.46 0.83 0.00	25.03 0.85 0.00	25.64 0.87 0.00	28.11 1.03 0.00	34.03 1.25 0.00	51.95 1.57 -6.77	36.99 1.21 -1.16	32.49 1.13 0.00	28.62 0.99 0.00	26.69 0.93 0.00	24.65 0.79 0.00	23.27 0.68 0.00
GILBOA___2 23757	22.09 0.60 0.00	20.82 0.47 0.00	20.68 0.52 0.00	20.60 0.52 0.00	21.23 0.56 0.00	22.78 0.66 0.00	32.92 1.23 0.00	37.49 1.43 -0.27	30.21 1.11 0.00	26.26 0.94 0.00	24.77 0.84 0.00	24.04 0.81 0.00	24.46 0.83 0.00	25.03 0.85 0.00	25.64 0.87 0.00	28.11 1.03 0.00	34.03 1.25 0.00	51.95 1.57 -6.77	36.99 1.21 -1.16	32.49 1.13 0.00	28.62 0.99 0.00	26.69 0.93 0.00	24.65 0.79 0.00	23.27 0.68 0.00
GILBOA___3 23758	22.09 0.60 0.00	20.82 0.47 0.00	20.68 0.52 0.00	20.60 0.52 0.00	21.23 0.56 0.00	22.78 0.66 0.00	32.92 1.23 0.00	37.49 1.43 -0.27	30.21 1.11 0.00	26.26 0.94 0.00	24.77 0.84 0.00	24.04 0.81 0.00	24.46 0.83 0.00	25.03 0.85 0.00	25.64 0.87 0.00	28.11 1.03 0.00	34.03 1.25 0.00	51.95 1.57 -6.77	36.99 1.21 -1.16	32.49 1.13 0.00	28.62 0.99 0.00	26.69 0.93 0.00	24.65 0.79 0.00	23.27 0.68 0.00
GILBOA___4 23759	22.09 0.60 0.00	20.82 0.47 0.00	20.68 0.52 0.00	20.60 0.52 0.00	21.23 0.56 0.00	22.78 0.66 0.00	32.92 1.23 0.00	37.49 1.43 -0.27	30.21 1.11 0.00	26.26 0.94 0.00	24.77 0.84 0.00	24.04 0.81 0.00	24.46 0.83 0.00	25.03 0.85 0.00	25.64 0.87 0.00	28.11 1.03 0.00	34.03 1.25 0.00	51.95 1.57 -6.77	36.99 1.21 -1.16	32.49 1.13 0.00	28.62 0.99 0.00	26.69 0.93 0.00	24.65 0.79 0.00	23.27 0.68 0.00
GILBOA____ 23599	22.03 0.54 0.00	20.82 0.47 0.00	20.68 0.52 0.00	20.60 0.52 0.00	21.25 0.58 0.00	22.78 0.66 0.00	32.86 1.17 0.00	37.49 1.43 -0.27	30.24 1.14 0.00	26.26 0.94 0.00	24.77 0.84 0.00	24.04 0.81 0.00	24.46 0.83 0.00	25.03 0.85 0.00	25.67 0.89 0.00	28.11 1.03 0.00	34.00 1.21 0.00	51.90 1.53 -6.77	36.99 1.21 -1.16	32.50 1.13 0.00	28.60 0.97 0.00	26.67 0.90 0.00	24.65 0.79 0.00	23.27 0.68 0.00

GINNA____ 23603	20.70 -0.79 0.00	19.41 -0.94 0.00	19.29 -0.87 0.00	19.16 -0.92 0.00	19.56 -1.12 0.00	21.34 -0.77 0.00	30.23 -1.46 0.00	34.20 -1.65 -0.06	27.94 -1.17 0.00	24.39 -0.94 0.00	23.11 -0.81 0.00	22.39 -0.84 0.00	22.74 -0.90 0.00	23.17 -1.01 0.00	23.68 -1.09 0.00	25.57 -1.52 0.00	30.72 -2.06 0.00	43.02 -2.14 -1.55	32.77 -2.11 -0.27	29.61 -1.76 0.00	25.94 -1.69 0.00	24.19 -1.57 0.00	22.39 -1.48 0.00	21.33 -1.26 0.00
GLEN PARK____ 23778	21.81 0.32 0.00	20.63 0.28 0.00	20.36 0.20 0.00	20.32 0.24 0.00	20.88 0.21 0.00	22.54 0.42 0.00	32.61 0.92 0.00	36.72 0.90 -0.03	29.72 0.61 0.00	25.73 0.40 0.00	24.29 0.36 0.00	23.51 0.28 0.00	23.87 0.24 0.00	24.52 0.34 0.00	25.15 0.37 0.00	27.46 0.38 0.00	33.54 0.75 0.00	46.09 1.61 -0.87	35.81 1.04 -0.15	32.49 1.13 0.00	28.54 0.91 0.00	26.36 0.59 0.00	24.41 0.55 0.00	23.09 0.50 0.00
GLENDALDE_27_KV_LOAD 356172	22.78 1.29 0.00	21.57 1.22 0.00	21.28 1.13 0.00	21.18 1.10 0.00	21.92 1.24 0.00	23.44 1.33 0.00	34.07 2.38 0.00	39.06 3.01 -0.27	31.69 2.59 0.00	27.60 2.28 0.00	25.99 2.06 0.00	25.32 2.09 0.00	25.69 2.06 0.00	26.21 2.03 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.71 2.94 -1.15	34.00 2.63 0.00	29.90 2.27 0.00	27.85 2.09 0.00	25.77 1.91 0.00	24.22 1.63 0.00
GLENWOOD_IC_1_G5 23712	30.59 1.46 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.31 -2.16	27.12 1.43 -5.02	31.20 1.66 -7.42	35.63 2.85 -1.09	44.36 3.58 -4.99	34.84 2.94 -2.79	31.36 2.51 -3.53	31.55 2.27 -5.35	31.20 2.28 -5.69	30.99 2.27 -5.09	30.99 2.27 -4.54	32.38 2.45 -5.16	33.25 2.76 -3.40	61.19 3.31 -25.09	87.96 4.49 -39.86	51.89 3.43 -13.84	45.98 3.07 -11.54	36.58 2.65 -6.29	33.67 2.40 -5.51	32.22 2.12 -6.23	31.55 1.81 -7.15
GLENWOOD_IC_2_G1 23688	30.66 1.53 -7.64	27.65 1.34 -5.96	25.67 1.27 -4.24	23.50 1.27 -2.16	27.01 1.32 -5.02	31.13 1.59 -7.42	35.69 2.91 -1.09	44.29 3.51 -4.99	34.72 2.82 -2.79	31.26 2.41 -3.53	31.48 2.20 -5.35	31.10 2.18 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.21 2.28 -5.16	33.14 2.66 -3.40	61.10 3.22 -25.09	87.83 4.36 -39.86	51.75 3.29 -13.84	45.86 2.95 -11.54	36.49 2.57 -6.29	33.69 2.42 -5.51	32.12 2.03 -6.23	31.46 1.72 -7.15
GLENWOOD_IC_3_G1 23689	30.66 1.53 -7.64	27.65 1.34 -5.96	25.67 1.27 -4.24	23.50 1.27 -2.16	27.01 1.32 -5.02	31.13 1.59 -7.42	35.69 2.91 -1.09	44.29 3.51 -4.99	34.72 2.82 -2.79	31.26 2.41 -3.53	31.48 2.20 -5.35	31.10 2.18 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.21 2.28 -5.16	33.14 2.66 -3.40	61.10 3.22 -25.09	87.83 4.36 -39.86	51.75 3.29 -13.84	45.86 2.95 -11.54	36.49 2.57 -6.29	33.69 2.42 -5.51	32.12 2.03 -6.23	31.46 1.72 -7.15
GLENWOOD____4 23550	30.59 1.46 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.31 -2.16	27.12 1.43 -5.02	31.20 1.66 -7.42	35.63 2.85 -1.09	44.36 3.58 -4.99	34.84 2.94 -2.79	31.36 2.51 -3.53	31.55 2.27 -5.35	31.20 2.28 -5.69	30.99 2.27 -5.09	30.99 2.27 -4.54	32.38 2.45 -5.16	33.25 2.76 -3.40	61.19 3.31 -25.09	87.96 4.49 -39.86	51.89 3.43 -13.84	45.98 3.07 -11.54	36.58 2.65 -6.29	33.67 2.40 -5.51	32.22 2.12 -6.23	31.55 1.81 -7.15
GLENWOOD____5 23614	30.59 1.46 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.31 -2.16	27.12 1.43 -5.02	31.20 1.66 -7.42	35.63 2.85 -1.09	44.36 3.58 -4.99	34.84 2.94 -2.79	31.36 2.51 -3.53	31.55 2.27 -5.35	31.20 2.28 -5.69	30.99 2.27 -5.09	30.99 2.27 -4.54	32.38 2.45 -5.16	33.25 2.76 -3.40	61.19 3.31 -25.09	87.96 4.49 -39.86	51.89 3.43 -13.84	45.98 3.07 -11.54	36.58 2.65 -6.29	33.67 2.40 -5.51	32.22 2.12 -6.23	31.55 1.81 -7.15
GLOBAL GREEN_PORT_GT1 23814	31.43 2.30 -7.64	28.22 1.91 -5.96	26.23 1.83 -4.24	24.06 1.83 -2.16	27.61 1.92 -5.02	31.93 2.39 -7.42	37.12 4.34 -1.09	45.69 4.90 -4.99	35.71 3.81 -2.79	31.96 3.11 -3.53	32.10 2.82 -5.35	31.61 2.69 -5.69	31.37 2.65 -5.09	31.43 2.71 -4.54	32.83 2.90 -5.16	34.09 3.60 -3.40	62.50 4.62 -25.09	89.44 5.97 -39.86	53.00 4.53 -13.84	46.86 3.95 -11.54	37.35 3.43 -6.29	34.41 3.14 -5.51	32.62 2.53 -6.23	31.91 2.17 -7.15
GLOBE____DSASP 323697	21.40 -0.09 0.00	19.96 -0.39 0.00	19.85 -0.30 0.00	19.72 -0.36 0.00	19.64 -1.03 0.00	22.03 -0.09 0.00	30.45 -1.24 0.00	33.82 -2.04 -0.07	27.97 -1.14 0.00	24.79 -0.53 0.00	23.47 -0.45 0.00	22.74 -0.49 0.00	23.09 -0.54 0.00	23.55 -0.63 0.00	23.93 -0.84 0.00	25.43 -1.65 0.00	30.03 -2.75 0.00	41.69 -3.66 -1.75	31.74 -3.15 -0.27	29.14 -2.23 0.00	25.86 -1.77 0.00	24.27 -1.49 0.00	22.27 -1.60 0.00	21.11 -1.49 0.00
GOETHSLN____LBMP 323567	22.52 1.03 0.00	21.35 1.00 0.00	21.06 0.91 0.00	20.98 0.90 0.00	21.69 1.01 0.00	23.29 1.17 0.00	33.91 2.22 0.00	38.88 2.83 -0.27	31.49 2.39 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.15 1.93 0.00	25.55 1.91 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.30 2.22 0.00	35.44 2.66 0.00	53.83 3.49 -6.73	38.44 2.67 -1.15	33.75 2.38 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.56 1.69 0.00	24.00 1.40 0.00
GOLAH____69_KV_TB 1_2 80279	22.01 0.52 0.00	20.59 0.24 0.00	20.46 0.30 0.00	20.32 0.24 0.00	20.45 -0.23 0.00	22.62 0.51 0.00	31.75 0.06 0.00	35.64 -0.21 -0.06	29.19 0.09 0.00	25.65 0.33 0.00	24.31 0.38 0.00	23.53 0.30 0.00	23.89 0.26 0.00	24.37 0.19 0.00	24.82 0.05 0.00	26.73 -0.35 0.00	31.90 -0.89 0.00	44.41 -0.78 -1.59	33.92 -0.97 -0.27	30.87 -0.50 0.00	27.24 -0.39 0.00	25.46 -0.31 0.00	23.44 -0.43 0.00	22.24 -0.36 0.00
GOODYEAR_LAKE_HYD 323669	22.37 0.88 0.00	21.16 0.81 0.00	20.94 0.79 0.00	20.88 0.80 0.00	21.46 0.79 0.00	23.18 1.06 0.00	33.53 1.84 0.00	37.88 2.00 -0.09	30.79 1.69 0.00	26.77 1.44 0.00	25.27 1.34 0.00	24.48 1.25 0.00	24.89 1.25 0.00	25.46 1.28 0.00	26.11 1.34 0.00	28.55 1.46 0.00	34.59 1.80 0.00	48.33 2.57 -2.15	36.75 1.77 -0.37	33.09 1.73 0.00	29.12 1.49 0.00	27.08 1.31 0.00	24.96 1.10 0.00	23.57 0.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.11 0.62 0.00	20.86 0.51 0.00	20.66 0.50 0.00	20.58 0.50 0.00	21.01 0.33 0.00	22.89 0.77 0.00	32.64 0.95 0.00	36.58 0.68 -0.11	29.92 0.81 0.00	26.21 0.89 0.00	24.74 0.81 0.00	23.95 0.72 0.00	24.34 0.71 0.00	24.86 0.68 0.00	25.39 0.62 0.00	27.54 0.46 0.00	33.15 0.36 0.00	46.93 0.48 -2.84	35.24 0.14 -0.48	31.81 0.44 0.00	28.04 0.41 0.00	26.23 0.46 0.00	24.18 0.31 0.00	22.89 0.29 0.00
GOUDEY____7 23579	22.13 0.64 0.00	20.88 0.53 0.00	20.68 0.52 0.00	20.60 0.52 0.00	21.03 0.35 0.00	22.91 0.80 0.00	32.67 0.98 0.00	36.62 0.72 -0.11	29.95 0.84 0.00	26.23 0.91 0.00	24.77 0.84 0.00	23.99 0.77 0.00	24.37 0.73 0.00	24.88 0.70 0.00	25.42 0.64 0.00	27.57 0.49 0.00	33.18 0.39 0.00	47.01 0.57 -2.84	35.28 0.17 -0.48	31.84 0.47 0.00	28.07 0.44 0.00	26.26 0.49 0.00	24.20 0.33 0.00	22.91 0.32 0.00

GODEY___8 23580	22.11 0.62 0.00	20.86 0.51 0.00	20.66 0.50 0.00	20.58 0.50 0.00	21.01 0.33 0.00	22.89 0.77 0.00	32.64 0.95 0.00	36.58 0.68 -0.11	29.92 0.81 0.00	26.21 0.89 0.00	24.74 0.81 0.00	23.95 0.72 0.00	24.34 0.71 0.00	24.86 0.68 0.00	25.39 0.62 0.00	27.54 0.46 0.00	33.15 0.36 0.00	46.93 0.48 -2.84	35.24 0.14 -0.48	31.81 0.44 0.00	28.04 0.41 0.00	26.23 0.46 0.00	24.18 0.31 0.00	22.89 0.29 0.00
GOWANUS_GT1_1 24077	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT1_2 24078	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT1_3 24079	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT1_4 24080	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT1_5 24084	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT1_6 24111	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT1_7 24112	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT1_8 24113	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT2_1 24114	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT2_2 24115	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT2_3 24116	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT2_4 24117	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT2_5 24118	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT2_6 24119	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01

GOWANUS_GT2_7 24120	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT2_8 24121	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_1 24122	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_2 24123	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_3 24124	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_4 24125	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_5 24126	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_6 24127	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_7 24128	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT3_8 24129	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
GOWANUS_GT4_1 24130	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT4_2 24131	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT4_3 24132	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT4_4 24133	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT4_5 24134	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01

GOWANUS_GT4_6 24135	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT4_7 24136	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GOWANUS_GT4_8 24137	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GREENBSH_115KV_TB3 55895	21.77 0.28 0.00	20.61 0.26 0.00	20.42 0.26 0.00	20.36 0.28 0.00	21.01 0.33 0.00	22.60 0.49 0.00	32.58 0.89 0.00	37.27 1.15 -0.33	29.95 0.84 0.00	25.88 0.56 0.00	24.48 0.55 0.00	23.76 0.53 0.00	24.20 0.57 0.00	24.81 0.63 0.00	25.37 0.59 0.00	27.90 0.81 0.00	33.84 1.05 0.00	53.45 1.48 -8.36	37.19 1.14 -1.43	32.31 0.94 0.00	28.43 0.80 0.00	26.46 0.70 0.00	24.56 0.69 0.00	23.14 0.54 0.00
GREENDGE_115KV_TB5 80291	22.22 0.73 0.00	20.92 0.57 0.00	20.74 0.58 0.00	20.64 0.56 0.00	21.01 0.33 0.00	23.16 1.04 0.00	32.96 1.27 0.00	36.55 0.68 -0.08	30.21 1.11 0.00	26.49 1.16 0.00	25.03 1.10 0.00	24.20 0.98 0.00	24.56 0.92 0.00	25.05 0.87 0.00	25.52 0.74 0.00	27.62 0.54 0.00	33.12 0.33 0.00	46.10 0.48 -2.01	35.03 0.07 -0.34	31.99 0.63 0.00	28.18 0.55 0.00	26.33 0.57 0.00	24.18 0.31 0.00	22.82 0.23 0.00
GREENIDGE___3 23582	22.22 0.73 0.00	20.92 0.57 0.00	20.74 0.58 0.00	20.64 0.56 0.00	21.01 0.33 0.00	23.16 1.04 0.00	32.96 1.27 0.00	36.55 0.68 -0.08	30.21 1.11 0.00	26.49 1.16 0.00	25.03 1.10 0.00	24.20 0.98 0.00	24.56 0.92 0.00	25.05 0.87 0.00	25.52 0.74 0.00	27.62 0.54 0.00	33.12 0.33 0.00	46.10 0.48 -2.01	35.03 0.07 -0.34	31.99 0.63 0.00	28.18 0.55 0.00	26.33 0.57 0.00	24.18 0.31 0.00	22.82 0.23 0.00
GREENIDGE___4 23583	22.26 0.77 0.00	20.92 0.57 0.00	20.74 0.58 0.00	20.64 0.56 0.00	21.11 0.43 0.00	23.16 1.04 0.00	32.99 1.30 0.00	36.94 1.07 -0.08	30.35 1.25 0.00	26.61 1.29 0.00	25.12 1.20 0.00	24.27 1.05 0.00	24.63 0.99 0.00	25.12 0.94 0.00	25.69 0.92 0.00	27.62 0.54 0.00	32.89 0.10 0.00	46.15 0.53 -2.01	35.03 0.07 -0.34	31.99 0.63 0.00	28.07 0.44 0.00	26.13 0.36 0.00	24.13 0.26 0.00	22.87 0.27 0.00
GREENLWN_69_KV_BK 3 55738	30.59 1.46 -7.64	27.75 1.44 -5.96	25.77 1.37 -4.24	23.58 1.35 -2.16	27.18 1.49 -5.02	31.15 1.61 -7.42	35.44 2.66 -1.09	44.11 3.33 -4.99	34.60 2.71 -2.79	31.28 2.43 -3.53	31.55 2.27 -5.35	31.20 2.28 -5.69	31.04 2.32 -5.09	31.02 2.30 -4.54	32.31 2.38 -5.16	33.11 2.63 -3.40	60.93 3.05 -25.09	87.65 4.19 -39.86	51.61 3.15 -13.84	45.73 2.82 -11.54	36.35 2.43 -6.29	33.46 2.19 -5.51	32.15 2.05 -6.23	31.55 1.81 -7.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01
GRISSOM___SOLAR 323813	22.84 1.35 0.00	21.51 1.16 0.00	21.30 1.15 0.00	21.24 1.16 0.00	22.14 1.47 0.00	24.02 1.90 0.00	34.92 3.23 0.00	39.59 3.40 -0.40	31.40 2.30 0.00	27.12 1.80 0.00	25.41 1.48 0.00	24.69 1.46 0.00	25.29 1.65 0.00	26.07 1.89 0.00	26.93 2.15 0.00	29.17 2.09 0.00	35.61 2.82 0.00	58.17 4.45 -10.11	39.57 3.22 -1.73	34.19 2.82 0.00	29.98 2.35 0.00	27.80 2.04 0.00	25.73 1.86 0.00	24.25 1.65 0.00
GROVEVILLE___HYD 323602	22.54 1.05 0.00	21.35 1.00 0.00	21.06 0.91 0.00	20.98 0.90 0.00	21.73 1.05 0.00	23.40 1.28 0.00	34.00 2.31 0.00	38.74 2.68 -0.27	31.23 2.12 0.00	27.07 1.75 0.00	25.51 1.58 0.00	24.76 1.53 0.00	25.17 1.54 0.00	25.78 1.60 0.00	26.43 1.66 0.00	29.06 1.98 0.00	35.22 2.43 0.00	53.83 3.44 -6.78	38.41 2.63 -1.16	33.59 2.23 0.00	29.54 1.91 0.00	27.54 1.78 0.00	25.39 1.53 0.00	23.89 1.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.68 0.19 0.00	20.47 0.12 0.00	20.28 0.12 0.00	20.20 0.12 0.00	20.72 0.04 0.00	22.43 0.31 0.00	31.91 0.22 0.00	35.88 0.04 -0.05	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.03 -0.05 0.00	32.63 -0.16 0.00	45.03 0.04 -1.38	34.68 -0.17 -0.24	31.30 -0.06 0.00	27.60 -0.03 0.00	25.79 0.03 0.00	23.91 0.05 0.00	22.66 0.07 0.00
HAMLTNNY_34_KV_TB 80303	21.75 0.26 0.00	20.51 0.16 0.00	20.34 0.18 0.00	20.24 0.16 0.00	20.74 0.06 0.00	22.49 0.38 0.00	32.04 0.35 0.00	36.06 0.21 -0.06	29.31 0.20 0.00	25.58 0.25 0.00	24.19 0.26 0.00	23.44 0.21 0.00	23.82 0.19 0.00	24.33 0.15 0.00	24.90 0.12 0.00	27.14 0.05 0.00	32.76 -0.03 0.00	45.26 0.22 -1.43	34.83 -0.03 -0.24	31.43 0.06 0.00	27.71 0.08 0.00	25.84 0.08 0.00	23.94 0.07 0.00	22.69 0.09 0.00
HAMPSHIRE___PAPER_HYD 323593	21.17 -0.32 0.00	20.11 -0.24 0.00	19.89 -0.26 0.00	19.84 -0.24 0.00	20.47 -0.21 0.00	21.87 -0.24 0.00	31.59 -0.09 0.00	35.70 -0.11 -0.01	29.02 -0.09 0.00	25.15 -0.18 0.00	23.79 -0.14 0.00	23.04 -0.19 0.00	23.44 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.92 -0.16 0.00	32.82 0.03 0.00	44.18 0.22 -0.35	34.82 0.14 -0.06	31.52 0.16 0.00	27.74 0.11 0.00	25.82 0.05 0.00	23.89 0.02 0.00	22.60 0.00 0.00
HARDSCRABBLE_WT_PWR 323673	21.83 0.34 0.00	20.69 0.35 0.00	20.50 0.34 0.00	20.42 0.34 0.00	21.03 0.35 0.00	22.60 0.49 0.00	32.58 0.89 0.00	36.65 0.86 -0.01	29.83 0.73 0.00	26.16 0.83 0.00	24.74 0.81 0.00	24.02 0.79 0.00	24.46 0.83 0.00	25.05 0.87 0.00	25.66 0.89 0.00	27.89 0.81 0.00	33.81 1.02 0.00	45.18 1.40 -0.18	35.72 1.07 -0.03	32.31 0.94 0.00	28.35 0.72 0.00	26.31 0.54 0.00	24.46 0.60 0.00	23.07 0.48 0.00



HOLTSVILLE_IC_10 23699	30.83 1.70 -7.64	27.75 1.44 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.12 1.43 -5.02	31.31 1.77 -7.42	36.10 3.33 -1.09	44.72 3.94 -4.99	35.01 3.12 -2.79	31.36 2.51 -3.53	31.56 2.27 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.39 2.90 -3.40	61.52 3.64 -25.09	88.22 4.75 -39.86	52.06 3.60 -13.84	46.04 3.14 -11.54	36.69 2.76 -6.29	33.82 2.55 -5.51	32.15 2.05 -6.23	31.49 1.74 -7.15
HOLTSVILLE_IC_2 23691	30.72 1.59 -7.64	27.67 1.36 -5.96	25.69 1.29 -4.24	23.52 1.29 -2.16	27.03 1.34 -5.02	31.20 1.66 -7.42	35.91 3.14 -1.09	44.43 3.65 -4.99	34.78 2.88 -2.79	31.21 2.36 -3.53	31.44 2.15 -5.35	31.01 2.09 -5.69	30.80 2.08 -5.09	30.85 2.13 -4.54	32.11 2.18 -5.16	33.17 2.68 -3.40	61.23 3.35 -25.09	87.83 4.36 -39.86	51.75 3.29 -13.84	45.79 2.88 -11.54	36.44 2.51 -6.29	33.64 2.37 -5.51	32.03 1.93 -6.23	31.39 1.65 -7.15
HOLTSVILLE_IC_3 23692	30.72 1.59 -7.64	27.67 1.36 -5.96	25.69 1.29 -4.24	23.52 1.29 -2.16	27.03 1.34 -5.02	31.20 1.66 -7.42	35.91 3.14 -1.09	44.43 3.65 -4.99	34.78 2.88 -2.79	31.21 2.36 -3.53	31.44 2.15 -5.35	31.01 2.09 -5.69	30.80 2.08 -5.09	30.85 2.13 -4.54	32.11 2.18 -5.16	33.17 2.68 -3.40	61.23 3.35 -25.09	87.83 4.36 -39.86	51.75 3.29 -13.84	45.79 2.88 -11.54	36.44 2.51 -6.29	33.64 2.37 -5.51	32.03 1.93 -6.23	31.39 1.65 -7.15
HOLTSVILLE_IC_4 23693	30.72 1.59 -7.64	27.67 1.36 -5.96	25.69 1.29 -4.24	23.52 1.29 -2.16	27.03 1.34 -5.02	31.20 1.66 -7.42	35.91 3.14 -1.09	44.43 3.65 -4.99	34.78 2.88 -2.79	31.21 2.36 -3.53	31.44 2.15 -5.35	31.01 2.09 -5.69	30.80 2.08 -5.09	30.85 2.13 -4.54	32.11 2.18 -5.16	33.17 2.68 -3.40	61.23 3.35 -25.09	87.83 4.36 -39.86	51.75 3.29 -13.84	45.79 2.88 -11.54	36.44 2.51 -6.29	33.64 2.37 -5.51	32.03 1.93 -6.23	31.39 1.65 -7.15
HOLTSVILLE_IC_5 23694	30.72 1.59 -7.64	27.67 1.36 -5.96	25.69 1.29 -4.24	23.52 1.29 -2.16	27.03 1.34 -5.02	31.20 1.66 -7.42	35.91 3.14 -1.09	44.43 3.65 -4.99	34.78 2.88 -2.79	31.21 2.36 -3.53	31.44 2.15 -5.35	31.01 2.09 -5.69	30.80 2.08 -5.09	30.85 2.13 -4.54	32.11 2.18 -5.16	33.17 2.68 -3.40	61.23 3.35 -25.09	87.83 4.36 -39.86	51.75 3.29 -13.84	45.79 2.88 -11.54	36.44 2.51 -6.29	33.64 2.37 -5.51	32.03 1.93 -6.23	31.39 1.65 -7.15
HOLTSVILLE_IC_6 23695	30.83 1.70 -7.64	27.75 1.44 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.12 1.43 -5.02	31.31 1.77 -7.42	36.10 3.33 -1.09	44.72 3.94 -4.99	35.01 3.12 -2.79	31.36 2.51 -3.53	31.56 2.27 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.39 2.90 -3.40	61.52 3.64 -25.09	88.22 4.75 -39.86	52.06 3.60 -13.84	46.04 3.14 -11.54	36.69 2.76 -6.29	33.82 2.55 -5.51	32.15 2.05 -6.23	31.49 1.74 -7.15
HOLTSVILLE_IC_7 23696	30.83 1.70 -7.64	27.75 1.44 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.12 1.43 -5.02	31.31 1.77 -7.42	36.10 3.33 -1.09	44.72 3.94 -4.99	35.01 3.12 -2.79	31.36 2.51 -3.53	31.56 2.27 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.39 2.90 -3.40	61.52 3.64 -25.09	88.22 4.75 -39.86	52.06 3.60 -13.84	46.04 3.14 -11.54	36.69 2.76 -6.29	33.82 2.55 -5.51	32.15 2.05 -6.23	31.49 1.74 -7.15
HOLTSVILLE_IC_8 23697	30.83 1.70 -7.64	27.75 1.44 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.12 1.43 -5.02	31.31 1.77 -7.42	36.10 3.33 -1.09	44.72 3.94 -4.99	35.01 3.12 -2.79	31.36 2.51 -3.53	31.56 2.27 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.39 2.90 -3.40	61.52 3.64 -25.09	88.22 4.75 -39.86	52.06 3.60 -13.84	46.04 3.14 -11.54	36.69 2.76 -6.29	33.82 2.55 -5.51	32.15 2.05 -6.23	31.49 1.74 -7.15
HOLTSVILLE_IC_9 23698	30.83 1.70 -7.64	27.75 1.44 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.12 1.43 -5.02	31.31 1.77 -7.42	36.10 3.33 -1.09	44.72 3.94 -4.99	35.01 3.12 -2.79	31.36 2.51 -3.53	31.56 2.27 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.39 2.90 -3.40	61.52 3.64 -25.09	88.22 4.75 -39.86	52.06 3.60 -13.84	46.04 3.14 -11.54	36.69 2.76 -6.29	33.82 2.55 -5.51	32.15 2.05 -6.23	31.49 1.74 -7.15
HOMER_HL_115KV_TB2 355744	22.67 1.18 0.00	21.26 0.92 0.00	21.14 0.99 0.00	21.00 0.92 0.00	21.03 0.35 0.00	23.35 1.24 0.00	32.86 1.17 0.00	35.04 -0.82 -0.08	29.86 0.76 0.00	26.44 1.11 0.00	24.98 1.05 0.00	24.11 0.88 0.00	24.49 0.85 0.00	24.93 0.75 0.00	25.42 0.64 0.00	27.08 0.00 0.00	32.13 -0.66 0.00	43.33 -2.18 -1.91	32.71 -2.22 -0.31	30.80 -0.56 0.00	27.57 -0.06 0.00	25.89 0.13 0.00	23.70 -0.17 0.00	22.51 -0.09 0.00
HOWARD_WT_PWR 323690	22.59 1.10 0.00	21.16 0.81 0.00	21.04 0.89 0.00	20.94 0.86 0.00	21.32 0.64 0.00	23.62 1.50 0.00	33.53 1.84 0.00	37.77 1.90 -0.08	30.85 1.75 0.00	27.12 1.80 0.00	25.65 1.72 0.00	24.71 1.49 0.00	25.08 1.44 0.00	25.53 1.35 0.00	26.11 1.34 0.00	27.81 0.73 0.00	33.08 0.29 0.00	46.21 0.48 -2.12	34.80 -0.17 -0.35	31.87 0.50 0.00	27.91 0.28 0.00	26.00 0.23 0.00	23.87 0.00 0.00	22.60 0.00 0.00
HQ_GEN_CEDARS 23644	21.19 -0.30 0.00	20.13 -0.22 0.00	19.95 -0.20 0.00	19.88 -0.20 0.00	20.55 -0.12 0.00	21.81 -0.31 0.00	31.31 -0.38 0.00	35.39 -0.39 0.00	28.78 -0.32 0.00	25.02 -0.30 0.00	23.69 -0.24 0.00	22.99 -0.23 0.00	23.42 -0.21 0.00	23.96 -0.22 0.00	24.58 -0.20 0.00	26.89 -0.19 0.00	32.69 -0.10 0.00	43.43 -0.17 0.00	34.58 -0.03 0.00	31.30 -0.06 0.00	27.60 -0.03 0.00	25.77 0.00 0.00	23.82 -0.05 0.00	22.57 -0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	21.12 -0.37 0.00	20.13 -0.22 0.00	19.95 -0.20 0.00	19.88 -0.20 0.00	20.53 -0.14 0.00	21.81 -0.31 0.00	31.31 -0.38 0.00	35.36 -0.43 0.00	28.78 -0.32 0.00	25.02 -0.30 0.00	23.67 -0.26 0.00	22.99 -0.23 0.00	23.40 -0.24 0.00	23.96 -0.22 0.00	24.60 -0.17 0.00	26.89 -0.19 0.00	32.69 -0.10 0.00	40.70 -0.22 2.69	37.27 -0.03 -2.69	31.30 -0.06 0.00	27.60 -0.03 0.00	25.74 -0.03 0.00	23.82 -0.05 0.00	22.55 -0.05 0.00
HQ_GEN_IMPORT 323601	21.21 -0.28 0.00	20.19 -0.16 0.00	19.99 -0.16 0.00	19.92 -0.16 0.00	21.11 -0.14 -0.58	21.21 -0.33 0.58	31.21 -0.47 0.00	35.25 -0.54 0.00	28.70 -0.41 0.00	24.97 -0.35 0.00	23.59 -0.34 0.00	22.92 -0.30 0.00	23.33 -0.31 0.00	23.89 -0.29 0.00	24.50 -0.27 0.00	26.79 -0.30 0.00	32.49 -0.30 0.00	40.35 -0.57 2.69	37.03 -0.28 -2.69	31.08 -0.28 0.00	27.41 -0.22 0.00	25.53 -0.23 0.00	23.63 -0.24 0.00	22.37 -0.23 0.00
HQ_GEN_WHEEL 23651	21.21 -0.28 0.00	20.19 -0.16 0.00	19.99 -0.16 0.00	19.92 -0.16 0.00	21.11 -0.14 -0.58	21.21 -0.33 0.58	31.21 -0.47 0.00	35.25 -0.54 0.00	28.70 -0.41 0.00	24.97 -0.35 0.00	23.59 -0.34 0.00	22.92 -0.30 0.00	23.33 -0.31 0.00	23.89 -0.29 0.00	24.50 -0.27 0.00	26.79 -0.30 0.00	32.49 -0.30 0.00	40.35 -0.57 2.69	37.03 -0.28 -2.69	31.08 -0.28 0.00	27.41 -0.22 0.00	25.53 -0.23 0.00	23.63 -0.24 0.00	22.37 -0.23 0.00

HUDSON AVE_GT_3 23810	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.03 2.34 0.00	39.06 3.01 -0.27	31.61 2.50 0.00	27.53 2.20 0.00	25.91 1.99 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.14 1.96 0.00	26.81 2.03 0.00	29.41 2.33 0.00	35.58 2.79 0.00	54.05 3.71 -6.73	38.61 2.84 -1.15	33.91 2.54 0.00	29.81 2.18 0.00	27.78 2.01 0.00	25.66 1.79 0.00	24.07 1.47 0.00
HUDSON AVE_GT_4 23540	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.03 2.34 0.00	39.06 3.01 -0.27	31.61 2.50 0.00	27.53 2.20 0.00	25.91 1.99 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.14 1.96 0.00	26.81 2.03 0.00	29.41 2.33 0.00	35.58 2.79 0.00	54.05 3.71 -6.73	38.61 2.84 -1.15	33.91 2.54 0.00	29.81 2.18 0.00	27.78 2.01 0.00	25.66 1.79 0.00	24.07 1.47 0.00
HUDSON AVE_GT_5 23657	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.03 2.34 0.00	39.06 3.01 -0.27	31.61 2.50 0.00	27.53 2.20 0.00	25.91 1.99 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.14 1.96 0.00	26.81 2.03 0.00	29.41 2.33 0.00	35.58 2.79 0.00	54.05 3.71 -6.73	38.61 2.84 -1.15	33.91 2.54 0.00	29.81 2.18 0.00	27.78 2.01 0.00	25.66 1.79 0.00	24.07 1.47 0.00
HUDSON_AVE_10 24168	22.56 1.07 0.00	21.39 1.04 0.00	21.10 0.95 0.00	21.00 0.92 0.00	21.73 1.05 0.00	23.35 1.24 0.00	34.03 2.34 0.00	39.06 3.01 -0.27	31.61 2.50 0.00	27.53 2.20 0.00	25.91 1.99 0.00	25.22 2.00 0.00	25.62 1.99 0.00	26.16 1.98 0.00	26.83 2.06 0.00	29.41 2.33 0.00	35.61 2.82 0.00	54.09 3.75 -6.73	38.61 2.84 -1.15	33.91 2.54 0.00	29.81 2.18 0.00	27.80 2.04 0.00	25.66 1.79 0.00	24.04 1.45 0.00
HUDSON___115KV_TB 4 355613	22.33 0.84 0.00	21.10 0.75 0.00	20.92 0.77 0.00	20.82 0.74 0.00	21.58 0.91 0.00	23.29 1.17 0.00	33.72 2.03 0.00	38.22 2.11 -0.32	30.67 1.57 0.00	26.31 0.99 0.00	24.81 0.89 0.00	24.04 0.81 0.00	24.53 0.90 0.00	25.22 1.04 0.00	25.81 1.04 0.00	28.46 1.38 0.00	34.69 1.90 0.00	54.43 2.75 -8.08	38.11 2.11 -1.38	33.31 1.94 0.00	29.23 1.60 0.00	27.16 1.39 0.00	25.13 1.26 0.00	23.73 1.13 0.00
HUNTER MOUNT___DRP 323613	22.39 0.90 0.00	21.16 0.81 0.00	20.96 0.81 0.00	20.86 0.78 0.00	21.65 0.97 0.00	23.40 1.28 0.00	33.91 2.22 0.00	38.21 2.11 -0.31	30.73 1.63 0.00	26.26 0.94 0.00	24.77 0.84 0.00	23.99 0.77 0.00	24.46 0.83 0.00	25.17 0.99 0.00	25.81 1.04 0.00	28.46 1.38 0.00	34.79 2.00 0.00	54.25 2.79 -7.85	38.11 2.15 -1.34	33.41 2.04 0.00	29.29 1.66 0.00	27.18 1.42 0.00	25.13 1.26 0.00	23.75 1.15 0.00
HUNTINGTON_RES_REC 323705	30.72 1.59 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.56 1.32 -2.16	27.14 1.45 -5.02	31.24 1.70 -7.42	35.79 3.01 -1.09	44.47 3.69 -4.99	34.83 2.94 -2.79	31.28 2.43 -3.53	31.58 2.30 -5.35	31.17 2.25 -5.69	31.01 2.29 -5.09	31.04 2.32 -4.54	32.26 2.33 -5.16	33.30 2.82 -3.40	61.32 3.44 -25.09	88.09 4.62 -39.86	51.96 3.50 -13.84	46.01 3.11 -11.54	36.60 2.68 -6.29	33.80 2.53 -5.51	32.20 2.10 -6.23	31.55 1.81 -7.15
HUNTLEY___63 23557	22.13 0.64 0.00	20.65 0.31 0.00	20.56 0.40 0.00	20.40 0.32 0.00	20.34 -0.33 0.00	22.78 0.66 0.00	31.66 -0.03 0.00	34.96 -0.89 -0.07	29.07 -0.03 0.00	25.78 0.46 0.00	24.41 0.48 0.00	23.62 0.39 0.00	24.01 0.38 0.00	24.47 0.29 0.00	24.85 0.07 0.00	26.43 -0.65 0.00	31.31 -1.48 0.00	43.23 -2.14 -1.76	32.89 -2.01 -0.28	30.27 -1.10 0.00	26.83 -0.80 0.00	25.17 -0.59 0.00	23.05 -0.81 0.00	21.81 -0.79 0.00
HUNTLEY___64 23558	22.13 0.64 0.00	20.65 0.31 0.00	20.56 0.40 0.00	20.40 0.32 0.00	20.34 -0.33 0.00	22.78 0.66 0.00	31.66 -0.03 0.00	34.96 -0.89 -0.07	29.07 -0.03 0.00	25.78 0.46 0.00	24.41 0.48 0.00	23.62 0.39 0.00	24.01 0.38 0.00	24.47 0.29 0.00	24.85 0.07 0.00	26.43 -0.65 0.00	31.31 -1.48 0.00	43.23 -2.14 -1.76	32.89 -2.01 -0.28	30.27 -1.10 0.00	26.83 -0.80 0.00	25.17 -0.59 0.00	23.05 -0.81 0.00	21.81 -0.79 0.00
HUNTLEY___65 23559	22.13 0.64 0.00	20.65 0.31 0.00	20.56 0.40 0.00	20.40 0.32 0.00	20.34 -0.33 0.00	22.78 0.66 0.00	31.66 -0.03 0.00	34.96 -0.89 -0.07	29.07 -0.03 0.00	25.78 0.46 0.00	24.41 0.48 0.00	23.62 0.39 0.00	24.01 0.38 0.00	24.47 0.29 0.00	24.85 0.07 0.00	26.43 -0.65 0.00	31.31 -1.48 0.00	43.23 -2.14 -1.76	32.89 -2.01 -0.28	30.27 -1.10 0.00	26.83 -0.80 0.00	25.17 -0.59 0.00	23.05 -0.81 0.00	21.81 -0.79 0.00
HUNTLEY___66 23560	22.13 0.64 0.00	20.65 0.31 0.00	20.56 0.40 0.00	20.40 0.32 0.00	20.34 -0.33 0.00	22.78 0.66 0.00	31.66 -0.03 0.00	34.96 -0.89 -0.07	29.07 -0.03 0.00	25.78 0.46 0.00	24.41 0.48 0.00	23.62 0.39 0.00	24.01 0.38 0.00	24.47 0.29 0.00	24.85 0.07 0.00	26.43 -0.65 0.00	31.31 -1.48 0.00	43.23 -2.14 -1.76	32.89 -2.01 -0.28	30.27 -1.10 0.00	26.83 -0.80 0.00	25.17 -0.59 0.00	23.05 -0.81 0.00	21.81 -0.79 0.00
HUNTLEY___67 23561	22.01 0.52 0.00	20.53 0.18 0.00	20.42 0.26 0.00	20.28 0.20 0.00	20.24 -0.43 0.00	22.65 0.53 0.00	31.47 -0.22 0.00	34.79 -1.07 -0.07	28.90 -0.20 0.00	25.60 0.28 0.00	24.24 0.31 0.00	23.46 0.23 0.00	23.85 0.21 0.00	24.30 0.12 0.00	24.67 -0.10 0.00	26.27 -0.81 0.00	31.08 -1.71 0.00	42.90 -2.49 -1.78	32.61 -2.28 -0.28	30.05 -1.32 0.00	26.66 -0.97 0.00	25.02 -0.75 0.00	22.93 -0.93 0.00	21.72 -0.88 0.00
HUNTLEY___68 23562	22.01 0.52 0.00	20.53 0.18 0.00	20.42 0.26 0.00	20.28 0.20 0.00	20.24 -0.43 0.00	22.65 0.53 0.00	31.47 -0.22 0.00	34.79 -1.07 -0.07	28.90 -0.20 0.00	25.60 0.28 0.00	24.24 0.31 0.00	23.46 0.23 0.00	23.85 0.21 0.00	24.30 0.12 0.00	24.67 -0.10 0.00	26.27 -0.81 0.00	31.08 -1.71 0.00	42.90 -2.49 -1.78	32.61 -2.28 -0.28	30.05 -1.32 0.00	26.66 -0.97 0.00	25.02 -0.75 0.00	22.93 -0.93 0.00	21.72 -0.88 0.00
HYLAND___LFGE 323620	23.02 1.53 0.00	21.51 1.16 0.00	21.41 1.25 0.00	21.24 1.16 0.00	21.58 0.91 0.00	23.89 1.77 0.00	34.03 2.34 0.00	38.62 2.76 -0.07	31.46 2.36 0.00	27.12 1.80 0.00	25.46 1.53 0.00	24.48 1.25 0.00	24.77 1.13 0.00	25.32 1.14 0.00	25.91 1.14 0.00	27.98 0.89 0.00	33.64 0.85 0.00	47.59 2.09 -1.89	36.18 1.24 -0.32	33.06 1.69 0.00	28.93 1.30 0.00	26.98 1.21 0.00	24.61 0.74 0.00	23.39 0.79 0.00
INDECK___CORINTH 23802	22.76 1.27 0.00	21.45 1.10 0.00	21.22 1.07 0.00	21.16 1.08 0.00	21.96 1.28 0.00	23.75 1.64 0.00	33.34 1.65 0.00	37.99 1.86 -0.34	30.33 1.22 0.00	26.06 0.73 0.00	24.48 0.55 0.00	23.92 0.70 0.00	24.48 0.85 0.00	24.91 0.72 0.00	25.57 0.79 0.00	28.25 1.16 0.00	33.97 1.18 0.00	54.30 2.01 -8.68	37.56 1.45 -1.49	32.56 1.19 0.00	29.48 1.85 0.00	27.36 1.60 0.00	25.35 1.48 0.00	24.20 1.60 0.00



INDECK___ILION 23567	21.81 0.32 0.00	20.65 0.31 0.00	20.46 0.30 0.00	20.38 0.30 0.00	20.99 0.31 0.00	22.49 0.38 0.00	32.35 0.67 0.00	36.44 0.64 -0.01	29.63 0.52 0.00	25.88 0.56 0.00	24.45 0.53 0.00	23.74 0.51 0.00	24.15 0.52 0.00	24.74 0.56 0.00	25.24 0.47 0.00	27.62 0.54 0.00	33.48 0.69 0.00	44.74 0.96 -0.18	35.38 0.73 -0.03	31.99 0.63 0.00	28.16 0.52 0.00	26.26 0.49 0.00	24.32 0.45 0.00	22.98 0.38 0.00
INDECK___OLEAN 23982	22.71 1.22 0.00	21.27 0.92 0.00	21.14 0.99 0.00	21.00 0.92 0.00	21.21 0.54 0.00	23.35 1.24 0.00	33.02 1.33 0.00	37.22 1.36 -0.08	30.44 1.34 0.00	26.94 1.62 0.00	25.44 1.51 0.00	24.50 1.28 0.00	24.91 1.28 0.00	25.34 1.16 0.00	25.91 1.14 0.00	27.08 0.00 0.00	32.10 -0.69 0.00	43.42 -2.09 -1.91	32.71 -2.22 -0.31	30.80 -0.56 0.00	27.08 -0.55 0.00	25.61 -0.15 0.00	23.67 -0.19 0.00	22.55 -0.05 0.00
INDECK___OSWEGO 23783	21.32 -0.17 0.00	20.11 -0.24 0.00	19.91 -0.24 0.00	19.84 -0.24 0.00	20.39 -0.29 0.00	21.96 -0.15 0.00	31.21 -0.47 0.00	35.19 -0.64 -0.05	28.61 -0.49 0.00	24.97 -0.35 0.00	23.59 -0.34 0.00	22.88 -0.35 0.00	23.26 -0.38 0.00	23.77 -0.41 0.00	24.33 -0.45 0.00	26.46 -0.62 0.00	31.97 -0.82 0.00	43.95 -0.83 -1.17	33.99 -0.83 -0.20	30.68 -0.69 0.00	27.02 -0.61 0.00	25.20 -0.57 0.00	23.46 -0.41 0.00	22.30 -0.29 0.00
INDECK___YERKES 23781	22.18 0.69 0.00	20.67 0.32 0.00	20.58 0.42 0.00	20.44 0.36 0.00	20.61 -0.06 0.00	22.80 0.69 0.00	31.78 0.10 0.00	35.82 -0.04 -0.07	29.45 0.35 0.00	26.03 0.71 0.00	24.65 0.72 0.00	23.76 0.53 0.00	24.15 0.52 0.00	24.59 0.41 0.00	25.12 0.35 0.00	26.46 -0.62 0.00	31.31 -1.47 0.00	43.36 -2.01 -1.76	32.92 -1.97 -0.28	30.30 -1.07 0.00	26.61 -1.02 0.00	24.86 -0.90 0.00	23.01 -0.86 0.00	21.94 -0.66 0.00
INDIAN POINT_GT_1 24139	22.41 0.92 0.00	21.24 0.90 0.00	20.98 0.83 0.00	20.90 0.82 0.00	21.61 0.93 0.00	23.20 1.08 0.00	33.72 2.03 0.00	38.63 2.58 -0.26	31.14 2.04 0.00	27.10 1.77 0.00	25.53 1.60 0.00	24.81 1.58 0.00	25.24 1.61 0.00	25.78 1.60 0.00	26.46 1.68 0.00	29.01 1.92 0.00	35.08 2.30 0.00	53.45 3.18 -6.66	38.15 2.39 -1.14	33.44 2.07 0.00	29.43 1.80 0.00	27.44 1.67 0.00	25.32 1.46 0.00	23.82 1.22 0.00
INDIAN POINT_GT_2 23659	22.41 0.92 0.00	21.24 0.90 0.00	20.98 0.83 0.00	20.90 0.82 0.00	21.61 0.93 0.00	23.20 1.08 0.00	33.72 2.03 0.00	38.63 2.58 -0.26	31.14 2.04 0.00	27.10 1.77 0.00	25.53 1.60 0.00	24.81 1.58 0.00	25.24 1.61 0.00	25.78 1.60 0.00	26.46 1.68 0.00	29.01 1.92 0.00	35.08 2.30 0.00	53.45 3.18 -6.66	38.15 2.39 -1.14	33.44 2.07 0.00	29.43 1.80 0.00	27.44 1.67 0.00	25.32 1.46 0.00	23.82 1.22 0.00
INDIAN POINT_GT_3 24019	22.41 0.92 0.00	21.24 0.90 0.00	20.98 0.83 0.00	20.90 0.82 0.00	21.61 0.93 0.00	23.20 1.08 0.00	33.72 2.03 0.00	38.63 2.58 -0.26	31.14 2.04 0.00	27.10 1.77 0.00	25.53 1.60 0.00	24.81 1.58 0.00	25.24 1.61 0.00	25.78 1.60 0.00	26.46 1.68 0.00	29.01 1.92 0.00	35.08 2.30 0.00	53.45 3.18 -6.66	38.15 2.39 -1.14	33.44 2.07 0.00	29.43 1.80 0.00	27.44 1.67 0.00	25.32 1.46 0.00	23.82 1.22 0.00
INDIAN POINT___2 23530	22.50 1.01 0.00	21.22 0.87 0.00	20.96 0.81 0.00	20.88 0.80 0.00	21.54 0.87 0.00	23.18 1.06 0.00	33.81 2.12 0.00	38.55 2.50 -0.26	31.08 1.98 0.00	27.07 1.75 0.00	25.48 1.55 0.00	24.78 1.56 0.00	25.22 1.58 0.00	25.78 1.60 0.00	26.38 1.61 0.00	28.95 1.87 0.00	35.05 2.26 0.00	53.30 3.14 -6.56	38.06 2.32 -1.12	33.38 2.01 0.00	29.37 1.74 0.00	27.44 1.67 0.00	25.30 1.43 0.00	23.75 1.15 0.00
INDIAN POINT___3 23531	22.39 0.90 0.00	21.22 0.88 0.00	20.96 0.81 0.00	20.88 0.80 0.00	21.58 0.91 0.00	23.18 1.06 0.00	33.65 1.96 0.00	38.56 2.51 -0.26	31.11 2.01 0.00	27.07 1.75 0.00	25.48 1.56 0.00	24.78 1.56 0.00	25.19 1.56 0.00	25.75 1.57 0.00	26.41 1.64 0.00	28.95 1.87 0.00	35.02 2.23 0.00	53.36 3.10 -6.66	38.08 2.32 -1.14	33.37 2.01 0.00	29.37 1.74 0.00	27.39 1.62 0.00	25.30 1.43 0.00	23.79 1.20 0.00
INGHAM_C_115KV_TB7 356103	22.05 0.56 0.00	20.92 0.57 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.23 0.56 0.00	22.80 0.69 0.00	32.83 1.14 0.00	36.91 1.11 -0.01	30.03 0.93 0.00	26.34 1.01 0.00	24.91 0.98 0.00	24.18 0.95 0.00	24.60 0.97 0.00	25.20 1.02 0.00	25.64 0.87 0.00	28.06 0.97 0.00	34.00 1.21 0.00	45.44 1.66 -0.18	35.93 1.28 -0.03	32.50 1.13 0.00	28.54 0.91 0.00	26.67 0.90 0.00	24.65 0.79 0.00	23.30 0.70 0.00
IP CORINTH___1 23988	22.71 1.22 0.00	21.45 1.10 0.00	21.22 1.07 0.00	21.16 1.08 0.00	21.98 1.30 0.00	23.75 1.64 0.00	34.38 2.69 0.00	39.21 3.08 -0.34	31.34 2.24 0.00	26.94 1.62 0.00	25.34 1.41 0.00	24.76 1.53 0.00	25.29 1.65 0.00	25.73 1.55 0.00	26.46 1.68 0.00	28.41 1.33 0.00	34.13 1.34 0.00	54.56 2.27 -8.68	37.73 1.63 -1.49	32.68 1.32 0.00	28.71 1.08 0.00	26.56 0.80 0.00	24.68 0.81 0.00	24.22 1.63 0.00
IP___TICONDEROGA 23804	23.34 1.85 0.00	22.02 1.67 0.00	21.79 1.63 0.00	21.71 1.63 0.00	22.68 2.01 0.00	24.62 2.50 0.00	35.75 4.06 0.00	40.86 4.72 -0.34	32.51 3.41 0.00	27.80 2.48 0.00	26.06 2.13 0.00	25.43 2.21 0.00	26.09 2.46 0.00	26.62 2.44 0.00	27.40 2.63 0.00	29.55 2.46 0.00	35.67 2.89 0.00	56.94 4.67 -8.67	39.50 3.39 -1.48	34.22 2.85 0.00	29.98 2.35 0.00	27.70 1.93 0.00	25.61 1.74 0.00	24.97 2.37 0.00
ISLIP_RES_REC 323679	30.91 1.78 -7.64	27.81 1.51 -5.96	25.83 1.43 -4.24	23.66 1.43 -2.16	27.20 1.51 -5.02	31.42 1.88 -7.42	36.26 3.49 -1.09	44.90 4.11 -4.99	35.16 3.26 -2.79	31.46 2.61 -3.53	31.67 2.39 -5.35	31.24 2.32 -5.69	31.01 2.29 -5.09	31.06 2.34 -4.54	32.38 2.45 -5.16	33.55 3.06 -3.40	61.75 3.87 -25.09	88.52 5.06 -39.86	52.30 3.84 -13.84	46.27 3.36 -11.54	36.85 2.93 -6.29	33.98 2.70 -5.51	32.27 2.17 -6.23	31.57 1.83 -7.15
JAMAICA__27_KV_LOAD 355505	22.69 1.20 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.55 1.44 0.00	34.45 2.76 0.00	39.60 3.54 -0.27	32.04 2.94 0.00	27.88 2.56 0.00	26.25 2.32 0.00	25.53 2.30 0.00	25.93 2.29 0.00	26.48 2.30 0.00	27.18 2.40 0.00	29.82 2.74 0.00	36.07 3.28 0.00	54.70 4.36 -6.73	39.13 3.36 -1.15	34.38 3.01 0.00	30.23 2.60 0.00	28.14 2.37 -0.01	26.00 2.12 -0.01	24.27 1.67 0.00
JANIS___SOLAR 323808	22.78 1.29 0.00	21.49 1.14 0.00	21.24 1.09 0.00	21.20 1.12 0.00	21.73 1.05 0.00	23.69 1.57 0.00	34.16 2.47 0.00	38.50 2.61 -0.10	30.91 1.81 0.00	26.87 1.54 0.00	25.29 1.36 0.00	24.41 1.18 0.00	24.82 1.18 0.00	25.41 1.23 0.00	26.11 1.34 0.00	28.27 1.19 0.00	34.79 2.00 0.00	49.24 3.18 -2.45	37.18 2.15 -0.42	33.56 2.19 0.00	29.48 1.85 0.00	27.34 1.57 0.00	25.25 1.38 0.00	23.88 1.29 0.00

JARVIS____ 23743	21.58 0.09 0.00	20.43 0.08 0.00	20.22 0.06 0.00	20.14 0.06 0.00	20.74 0.06 0.00	22.23 0.11 0.00	31.88 0.19 0.00	36.01 0.22 -0.01	29.28 0.18 0.00	25.45 0.13 0.00	24.05 0.12 0.00	23.34 0.12 0.00	23.75 0.12 0.00	24.33 0.15 0.00	24.92 0.15 0.00	27.25 0.16 0.00	33.02 0.23 0.00	44.09 0.31 -0.18	34.86 0.21 -0.03	31.56 0.19 0.00	27.77 0.14 0.00	25.87 0.10 0.00	23.99 0.12 0.00	22.69 0.09 0.00
JENNISON____1 23625	22.87 1.38 0.00	21.61 1.26 0.00	21.37 1.21 0.00	21.32 1.24 0.00	21.81 1.14 0.00	23.73 1.61 0.00	34.32 2.63 0.00	38.52 2.61 -0.12	31.14 2.04 0.00	27.12 1.80 0.00	25.58 1.65 0.00	24.76 1.53 0.00	25.17 1.54 0.00	25.75 1.57 0.00	26.33 1.56 0.00	28.76 1.68 0.00	35.22 2.43 0.00	50.02 3.49 -2.92	37.47 2.35 -0.50	33.75 2.38 0.00	29.73 2.10 0.00	27.62 1.86 0.00	25.42 1.55 0.00	24.00 1.40 0.00
JENNISON____2 23626	22.87 1.38 0.00	21.61 1.26 0.00	21.37 1.21 0.00	21.32 1.24 0.00	21.81 1.14 0.00	23.73 1.61 0.00	34.32 2.63 0.00	38.52 2.61 -0.12	31.14 2.04 0.00	27.12 1.80 0.00	25.58 1.65 0.00	24.76 1.53 0.00	25.17 1.54 0.00	25.75 1.57 0.00	26.33 1.56 0.00	28.76 1.68 0.00	35.22 2.43 0.00	50.02 3.49 -2.92	37.47 2.35 -0.50	33.75 2.38 0.00	29.73 2.10 0.00	27.62 1.86 0.00	25.42 1.55 0.00	24.00 1.40 0.00
JERICHO_RISE_WT_PWR 323719	20.33 -1.16 0.00	19.43 -0.92 0.00	19.31 -0.85 0.00	19.22 -0.86 0.00	19.95 -0.72 0.00	21.25 -0.86 0.00	30.67 -1.02 0.00	34.82 -0.96 0.00	28.55 -0.55 0.00	24.84 -0.48 0.00	23.64 -0.29 0.00	23.07 -0.16 0.00	23.54 -0.09 0.00	24.18 0.00 0.00	24.95 0.17 0.00	27.43 0.35 0.00	33.48 0.69 0.00	44.48 0.87 0.00	35.42 0.80 0.00	32.12 0.75 0.00	28.29 0.66 0.00	26.36 0.59 0.00	24.25 0.38 0.00	22.94 0.34 0.00
KATONAH____115KV_46KV_TB4 355592	22.54 1.05 0.00	21.33 0.98 0.00	21.08 0.93 0.00	21.00 0.92 0.00	21.75 1.08 0.00	23.38 1.26 0.00	34.00 2.31 0.00	39.03 2.97 -0.27	31.40 2.30 0.00	27.30 1.98 0.00	25.70 1.77 0.00	24.95 1.72 0.00	25.41 1.77 0.00	25.97 1.79 0.00	26.66 1.88 0.00	29.30 2.22 0.00	35.31 2.52 0.00	54.06 3.62 -6.83	38.52 2.73 -1.17	33.72 2.35 0.00	29.67 2.04 0.00	27.67 1.91 0.00	25.49 1.62 0.00	23.93 1.33 0.00
KCE_NY_1 323755	22.56 1.07 0.00	21.27 0.92 0.00	21.04 0.89 0.00	20.98 0.90 0.00	21.73 1.05 0.00	23.47 1.35 0.00	33.69 2.00 0.00	38.46 2.32 -0.34	30.76 1.66 0.00	26.51 1.19 0.00	24.96 1.03 0.00	24.27 1.05 0.00	24.79 1.16 0.00	25.37 1.18 0.00	26.01 1.24 0.00	28.68 1.60 0.00	34.72 1.93 0.00	55.14 2.88 -8.66	38.28 2.18 -1.48	33.22 1.85 0.00	29.45 1.82 0.00	27.39 1.62 0.00	25.27 1.41 0.00	23.95 1.36 0.00
KCE_NY_6_ESR 323823	22.39 0.90 0.00	20.90 0.55 0.00	20.78 0.63 0.00	20.64 0.56 0.00	20.84 0.16 0.00	23.05 0.93 0.00	32.23 0.54 0.00	36.36 0.50 -0.07	29.83 0.73 0.00	26.36 1.04 0.00	24.96 1.03 0.00	24.04 0.81 0.00	24.44 0.80 0.00	24.88 0.70 0.00	25.42 0.64 0.00	26.81 -0.27 0.00	31.71 -1.08 0.00	43.68 -1.75 -1.82	33.10 -1.80 -0.29	30.61 -0.75 0.00	26.91 -0.72 0.00	25.15 -0.62 0.00	23.27 -0.60 0.00	22.17 -0.43 0.00
KEDC_PORT_JEFF_GT2 24210	30.81 1.68 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.12 1.43 -5.02	31.28 1.75 -7.42	36.04 3.26 -1.09	44.61 3.83 -4.99	34.92 3.03 -2.79	31.33 2.48 -3.53	31.56 2.27 -5.35	31.10 2.18 -5.69	30.90 2.17 -5.09	30.94 2.22 -4.54	32.23 2.30 -5.16	33.33 2.84 -3.40	61.45 3.57 -25.09	88.13 4.67 -39.86	51.99 3.53 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.77 2.50 -5.51	32.12 2.03 -6.23	31.49 1.74 -7.15
KEDC_PORT_JEFF_GT3 24211	30.81 1.68 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.12 1.43 -5.02	31.28 1.75 -7.42	36.04 3.26 -1.09	44.61 3.83 -4.99	34.92 3.03 -2.79	31.33 2.48 -3.53	31.56 2.27 -5.35	31.10 2.18 -5.69	30.90 2.17 -5.09	30.94 2.22 -4.54	32.23 2.30 -5.16	33.33 2.84 -3.40	61.45 3.57 -25.09	88.13 4.67 -39.86	51.99 3.53 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.77 2.50 -5.51	32.12 2.03 -6.23	31.49 1.74 -7.15
KEDC_GLWD_GT4 24219	30.70 1.57 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.30 -2.16	27.05 1.36 -5.02	31.20 1.66 -7.42	35.79 3.01 -1.09	44.43 3.65 -4.99	34.83 2.94 -2.79	31.33 2.48 -3.53	31.56 2.27 -5.35	31.20 2.28 -5.69	31.01 2.29 -5.09	31.04 2.32 -4.54	32.28 2.35 -5.16	33.25 2.76 -3.40	61.23 3.35 -25.09	88.00 4.53 -39.86	51.89 3.43 -13.84	45.98 3.08 -11.54	36.58 2.65 -6.29	33.77 2.50 -5.51	32.20 2.10 -6.23	31.53 1.78 -7.15
KEDC_GLWD_GT5 24220	30.70 1.57 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.30 -2.16	27.05 1.36 -5.02	31.20 1.66 -7.42	35.79 3.01 -1.09	44.43 3.65 -4.99	34.83 2.94 -2.79	31.33 2.48 -3.53	31.56 2.27 -5.35	31.20 2.28 -5.69	31.01 2.29 -5.09	31.04 2.32 -4.54	32.28 2.35 -5.16	33.25 2.76 -3.40	61.23 3.35 -25.09	88.00 4.53 -39.86	51.89 3.43 -13.84	45.98 3.08 -11.54	36.58 2.65 -6.29	33.77 2.50 -5.51	32.20 2.10 -6.23	31.53 1.78 -7.15
KENSICO____ 23655	22.48 0.99 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.94 0.86 0.00	21.67 0.99 0.00	23.27 1.15 0.00	33.81 2.12 0.00	38.74 2.68 -0.27	31.29 2.18 0.00	27.22 1.90 0.00	25.63 1.70 0.00	24.92 1.70 0.00	25.34 1.70 0.00	25.87 1.69 0.00	26.56 1.78 0.00	29.14 2.06 0.00	35.25 2.46 0.00	53.64 3.31 -6.72	38.30 2.53 -1.15	33.56 2.20 0.00	29.54 1.91 0.00	27.54 1.78 0.00	25.42 1.55 0.00	23.91 1.31 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.61 1.12 0.00	21.39 1.04 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.42 1.30 0.00	34.10 2.41 0.00	38.54 2.51 -0.25	31.08 1.98 0.00	27.07 1.75 0.00	25.46 1.53 0.00	24.71 1.49 0.00	25.12 1.49 0.00	25.70 1.52 0.00	26.31 1.54 0.00	28.92 1.84 0.00	35.08 2.30 0.00	53.16 3.27 -6.29	38.19 2.49 -1.08	33.50 2.13 0.00	29.45 1.82 0.00	27.54 1.78 0.00	25.37 1.50 0.00	23.86 1.27 0.00
KIAC_JFK_GT1 23816	22.63 1.14 0.00	21.47 1.12 0.00	21.16 1.01 0.00	21.06 0.98 0.00	21.79 1.12 0.00	23.49 1.37 0.00	34.35 2.66 0.00	39.49 3.44 -0.27	31.98 2.88 0.00	27.80 2.48 0.00	26.18 2.25 0.00	25.46 2.23 0.00	25.86 2.22 0.00	26.41 2.22 0.00	27.13 2.35 0.00	29.74 2.65 0.00	35.97 3.18 0.00	54.57 4.23 -6.73	39.03 3.25 -1.15	34.28 2.92 0.00	30.14 2.51 0.00	28.07 2.29 -0.01	25.93 2.05 -0.01	24.20 1.60 0.00
KIAC_JFK_GT2 23817	22.63 1.14 0.00	21.47 1.12 0.00	21.16 1.01 0.00	21.06 0.98 0.00	21.79 1.12 0.00	23.49 1.37 0.00	34.35 2.66 0.00	39.49 3.44 -0.27	31.98 2.88 0.00	27.80 2.48 0.00	26.18 2.25 0.00	25.46 2.23 0.00	25.86 2.22 0.00	26.41 2.22 0.00	27.13 2.35 0.00	29.74 2.65 0.00	35.97 3.18 0.00	54.57 4.23 -6.73	39.03 3.25 -1.15	34.28 2.92 0.00	30.14 2.51 0.00	28.07 2.29 -0.01	25.93 2.05 -0.01	24.20 1.60 0.00

KIAC__JFK____ 323774	22.74 1.25 0.00	21.47 1.12 0.00	21.16 1.01 0.00	21.06 0.98 0.00	21.73 1.05 0.00	23.49 1.37 0.00	34.51 2.82 0.00	39.53 3.47 -0.27	31.96 2.85 0.00	27.78 2.46 0.00	26.15 2.23 0.00	25.46 2.23 0.00	25.88 2.25 0.00	26.43 2.25 0.00	27.05 2.28 0.00	29.74 2.66 0.00	36.00 3.22 0.00	54.62 4.28 -6.73	39.02 3.25 -1.15	34.28 2.92 0.00	30.17 2.54 0.00	28.17 2.40 -0.01	25.90 2.03 -0.01	24.18 1.58 0.00
KINTIGH____ 23543	21.73 0.24 0.00	20.31 -0.04 0.00	20.18 0.02 0.00	20.04 -0.04 0.00	20.08 -0.60 0.00	22.38 0.27 0.00	31.15 -0.54 0.00	34.89 -0.97 -0.07	28.64 -0.47 0.00	25.30 -0.03 0.00	23.95 0.02 0.00	23.18 -0.05 0.00	23.56 -0.07 0.00	24.04 -0.15 0.00	24.43 -0.35 0.00	26.11 -0.97 0.00	30.99 -1.80 0.00	43.13 -2.14 -1.66	32.98 -1.94 -0.30	29.99 -1.38 0.00	26.55 -1.08 0.00	24.89 -0.88 0.00	22.89 -0.98 0.00	21.65 -0.95 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.59 -0.90 0.00	19.60 -0.75 0.00	19.49 -0.67 0.00	19.40 -0.68 0.00	20.18 -0.50 0.00	21.59 -0.53 0.00	31.18 -0.51 0.00	35.47 -0.32 0.00	29.04 -0.06 0.00	25.22 -0.10 0.00	24.00 0.07 0.00	23.41 0.19 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.42 0.64 0.00	27.90 0.81 0.00	34.10 1.31 0.00	45.48 1.88 0.00	36.11 1.49 0.00	32.75 1.38 0.00	28.87 1.24 0.00	26.85 1.08 0.00	24.65 0.79 0.00	23.34 0.75 0.00
LACHUTE__HYDRO 323717	23.38 1.89 0.00	22.02 1.67 0.00	21.79 1.63 0.00	21.71 1.63 0.00	22.68 2.00 0.00	24.61 2.50 0.00	35.02 3.33 0.00	40.00 3.87 -0.34	31.75 2.65 0.00	27.15 1.82 0.00	25.46 1.53 0.00	24.85 1.63 0.00	25.50 1.87 0.00	26.02 1.84 0.00	26.76 1.98 0.00	29.55 2.46 0.00	35.68 2.89 0.00	56.99 4.71 -8.67	39.50 3.39 -1.48	34.28 2.92 0.00	30.64 3.01 0.00	28.34 2.58 0.00	26.16 2.29 0.00	24.95 2.35 0.00
LAWRNCV_115KV_TB1 80681	21.12 -0.37 0.00	20.06 -0.28 0.00	19.91 -0.24 0.00	19.82 -0.26 0.00	20.51 -0.17 0.00	21.78 -0.33 0.00	31.37 -0.32 0.00	35.47 -0.32 -0.01	28.87 -0.23 0.00	25.07 -0.25 0.00	23.71 -0.22 0.00	23.04 -0.19 0.00	23.45 -0.19 0.00	24.01 -0.17 0.00	24.60 -0.17 0.00	26.84 -0.24 0.00	32.72 -0.07 0.00	43.69 -0.09 -0.17	34.65 0.00 -0.03	31.34 -0.03 0.00	27.63 0.00 0.00	25.82 0.05 0.00	23.89 0.02 0.00	22.62 0.02 0.00
LEDERLE____ 23769	22.46 0.97 0.00	21.29 0.94 0.00	21.02 0.87 0.00	20.94 0.86 0.00	21.65 0.97 0.00	23.24 1.13 0.00	33.75 2.06 0.00	38.59 2.54 -0.26	31.11 2.01 0.00	27.12 1.80 0.00	25.53 1.60 0.00	24.83 1.60 0.00	25.24 1.61 0.00	25.78 1.60 0.00	26.43 1.66 0.00	28.98 1.90 0.00	35.08 2.30 0.00	53.29 3.23 -6.45	38.11 2.39 -1.10	33.41 2.04 0.00	29.40 1.77 0.00	27.44 1.67 0.00	25.35 1.48 0.00	23.82 1.22 0.00
LIGHTHSE_115KV_TB6 355974	21.53 0.04 0.00	20.33 -0.02 0.00	20.12 -0.04 0.00	20.06 -0.02 0.00	20.57 -0.10 0.00	22.25 0.13 0.00	31.82 0.13 0.00	35.76 -0.07 -0.04	29.02 -0.09 0.00	25.27 -0.05 0.00	23.88 -0.05 0.00	23.13 -0.09 0.00	23.52 -0.12 0.00	24.06 -0.12 0.00	24.60 -0.17 0.00	26.81 -0.27 0.00	32.49 -0.30 0.00	44.67 -0.04 -1.11	34.60 -0.21 -0.19	31.27 -0.09 0.00	27.55 -0.08 0.00	25.69 -0.08 0.00	23.84 -0.02 0.00	22.60 0.00 0.00
LINDEN COGEN____ 23786	22.63 1.14 0.00	21.35 1.00 0.00	21.06 0.91 0.00	20.96 0.88 0.00	21.63 0.95 0.00	23.29																		

LOCKPORT___CC1 323769	22.00 0.51 0.00	20.51 0.16 0.00	20.42 0.26 0.00	20.26 0.18 0.00	20.45 -0.23 0.00	22.63 0.51 0.00	31.53 -0.16 0.00	35.53 -0.32 -0.07	29.19 0.09 0.00	25.75 0.43 0.00	24.41 0.48 0.00	23.53 0.30 0.00	23.92 0.28 0.00	24.35 0.17 0.00	24.85 0.07 0.00	26.21 -0.87 0.00	30.99 -1.80 0.00	42.98 -2.36 -1.73	32.64 -2.25 -0.27	30.05 -1.32 0.00	26.39 -1.24 0.00	24.66 -1.11 0.00	22.84 -1.03 0.00	21.78 -0.81 0.00
LOCKPORT___CC2 323770	22.00 0.51 0.00	20.51 0.16 0.00	20.42 0.26 0.00	20.26 0.18 0.00	20.45 -0.23 0.00	22.63 0.51 0.00	31.53 -0.16 0.00	35.53 -0.32 -0.07	29.19 0.09 0.00	25.75 0.43 0.00	24.41 0.48 0.00	23.53 0.30 0.00	23.92 0.28 0.00	24.35 0.17 0.00	24.85 0.07 0.00	26.21 -0.87 0.00	30.99 -1.80 0.00	42.98 -2.36 -1.73	32.64 -2.25 -0.27	30.05 -1.32 0.00	26.39 -1.24 0.00	24.66 -1.11 0.00	22.84 -1.03 0.00	21.78 -0.81 0.00
LOCKPORT___CC3 323771	22.00 0.51 0.00	20.51 0.16 0.00	20.42 0.26 0.00	20.26 0.18 0.00	20.45 -0.23 0.00	22.63 0.51 0.00	31.53 -0.16 0.00	35.53 -0.32 -0.07	29.19 0.09 0.00	25.75 0.43 0.00	24.41 0.48 0.00	23.53 0.30 0.00	23.92 0.28 0.00	24.35 0.17 0.00	24.85 0.07 0.00	26.21 -0.87 0.00	30.99 -1.80 0.00	42.98 -2.36 -1.73	32.64 -2.25 -0.27	30.05 -1.32 0.00	26.39 -1.24 0.00	24.66 -1.11 0.00	22.84 -1.03 0.00	21.78 -0.81 0.00
LONG_LAKE_PHOENIX 24014	21.43 -0.06 0.00	20.23 -0.12 0.00	20.03 -0.12 0.00	19.96 -0.12 0.00	20.47 -0.21 0.00	22.14 0.02 0.00	31.50 -0.19 0.00	35.34 -0.50 -0.05	28.72 -0.38 0.00	25.17 -0.15 0.00	23.81 -0.12 0.00	23.09 -0.14 0.00	23.47 -0.17 0.00	23.96 -0.22 0.00	24.43 -0.35 0.00	26.62 -0.46 0.00	32.13 -0.66 0.00	44.21 -0.61 -1.22	34.17 -0.66 -0.21	30.87 -0.50 0.00	27.19 -0.44 0.00	25.46 -0.31 0.00	23.63 -0.24 0.00	22.42 -0.18 0.00
LOVETT___3 23632	22.35 0.86 0.00	21.18 0.83 0.00	20.94 0.79 0.00	20.86 0.78 0.00	21.54 0.87 0.00	23.13 1.02 0.00	33.56 1.87 0.00	38.41 2.36 -0.26	30.99 1.89 0.00	26.99 1.67 0.00	25.41 1.48 0.00	24.71 1.49 0.00	25.12 1.49 0.00	25.66 1.48 0.00	26.31 1.54 0.00	28.87 1.79 0.00	34.92 2.13 0.00	53.05 2.97 -6.48	37.94 2.22 -1.11	33.25 1.88 0.00	29.26 1.63 0.00	27.31 1.55 0.00	25.23 1.36 0.00	23.73 1.13 0.00
LOVETT___4 23642	22.35 0.86 0.00	21.18 0.83 0.00	20.94 0.79 0.00	20.86 0.78 0.00	21.54 0.87 0.00	23.13 1.02 0.00	33.56 1.87 0.00	38.41 2.36 -0.26	30.99 1.89 0.00	26.99 1.67 0.00	25.41 1.48 0.00	24.71 1.49 0.00	25.12 1.49 0.00	25.66 1.48 0.00	26.31 1.54 0.00	28.87 1.79 0.00	34.92 2.13 0.00	53.05 2.97 -6.48	37.94 2.22 -1.11	33.25 1.88 0.00	29.26 1.63 0.00	27.31 1.55 0.00	25.23 1.36 0.00	23.73 1.13 0.00
LOVETT___5 23593	22.35 0.86 0.00	21.18 0.83 0.00	20.94 0.79 0.00	20.86 0.78 0.00	21.54 0.87 0.00	23.13 1.02 0.00	33.56 1.87 0.00	38.41 2.36 -0.26	30.99 1.89 0.00	26.99 1.67 0.00	25.41 1.48 0.00	24.71 1.49 0.00	25.12 1.49 0.00	25.66 1.48 0.00	26.31 1.54 0.00	28.87 1.79 0.00	34.92 2.13 0.00	53.05 2.97 -6.48	37.94 2.22 -1.11	33.25 1.88 0.00	29.26 1.63 0.00	27.31 1.55 0.00	25.23 1.36 0.00	23.73 1.13 0.00
LOWER RAQUET___HYD 24057	21.04 -0.45 0.00	20.06 -0.28 0.00	19.89 -0.26 0.00	19.82 -0.26 0.00	20.49 -0.19 0.00	21.79 -0.33 0.00	31.37 -0.32 0.00	35.44 -0.36 -0.01	28.87 -0.23 0.00	25.07 -0.25 0.00	23.74 -0.19 0.00	23.04 -0.19 0.00	23.44 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.84 -0.24 0.00	32.72 -0.07 0.00	43.71 -0.09 -0.19	34.65 0.00 -0.03	31.37 0.00 0.00	27.63 0.00 0.00	25.82 0.05 0.00	23.91 0.05 0.00	22.64 0.05 0.00
LOWER___HUDSON 24059	22.22 0.73 0.00	20.96 0.61 0.00	20.72 0.56 0.00	20.66 0.58 0.00	21.34 0.66 0.00	23.05 0.93 0.00	33.24 1.55 0.00	37.92 1.79 -0.34	30.41 1.31 0.00	26.26 0.94 0.00	24.74 0.81 0.00	24.04 0.81 0.00	24.51 0.87 0.00	25.12 0.94 0.00	25.77 0.99 0.00	28.36 1.27 0.00	34.36 1.57 0.00	54.38 2.27 -8.50	37.80 1.73 -1.46	32.84 1.47 0.00	29.01 1.38 0.00	27.03 1.26 0.00	24.96 1.10 0.00	23.57 0.97 0.00
LOWVILLE_115KV_TB2 356335	21.66 0.17 0.00	20.53 0.18 0.00	20.30 0.14 0.00	20.24 0.16 0.00	20.82 0.14 0.00	22.38 0.27 0.00	32.35 0.67 0.00	36.42 0.61 -0.02	29.57 0.47 0.00	25.70 0.38 0.00	24.26 0.33 0.00	23.48 0.26 0.00	23.89 0.26 0.00	24.47 0.29 0.00	25.05 0.27 0.00	27.43 0.35 0.00	33.44 0.66 0.00	45.22 1.13 -0.48	35.46 0.76 -0.08	32.12 0.75 0.00	28.27 0.64 0.00	26.26 0.49 0.00	24.27 0.41 0.00	22.96 0.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.50 1.01 0.00	21.26 0.92 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.73 1.05 0.00	23.44 1.33 0.00	33.88 2.19 0.00	38.75 2.61 -0.34	31.02 1.92 0.00	26.74 1.42 0.00	25.17 1.24 0.00	24.48 1.25 0.00	24.98 1.35 0.00	25.56 1.38 0.00	26.28 1.51 0.00	28.65 1.57 0.00	34.69 1.90 0.00	55.10 2.83 -8.66	38.25 2.15 -1.48	33.19 1.82 0.00	29.18 1.55 0.00	27.08 1.31 0.00	25.06 1.19 0.00	23.95 1.36 0.00
LUTHERNY_35_KV_BK2 355980	22.50 1.01 0.00	21.26 0.92 0.00	21.04 0.89 0.00	20.98 0.90 0.00	21.75 1.08 0.00	23.47 1.35 0.00	33.91 2.22 0.00	38.78 2.65 -0.34	31.05 1.95 0.00	26.77 1.44 0.00	25.17 1.24 0.00	24.50 1.28 0.00	25.01 1.37 0.00	25.58 1.40 0.00	26.28 1.51 0.00	28.68 1.60 0.00	34.72 1.93 0.00	55.14 2.88 -8.66	38.25 2.15 -1.48	33.22 1.85 0.00	29.21 1.57 0.00	27.11 1.34 0.00	25.06 1.19 0.00	23.98 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	21.19 -0.30 0.00	20.10 -0.24 0.00	19.89 -0.26 0.00	19.84 -0.24 0.00	20.47 -0.21 0.00	21.87 -0.24 0.00	31.59 -0.10 0.00	35.70 -0.11 -0.01	29.02 -0.09 0.00	25.15 -0.18 0.00	23.78 -0.14 0.00	23.04 -0.19 0.00	23.45 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.92 -0.16 0.00	32.82 0.03 0.00	44.18 0.22 -0.35	34.82 0.14 -0.06	31.52 0.16 0.00	27.74 0.11 0.00	25.82 0.05 0.00	23.89 0.02 0.00	22.60 0.00 0.00
LYONS_FALL_HYD 23570	21.81 0.32 0.00	20.65 0.31 0.00	20.42 0.26 0.00	20.36 0.28 0.00	20.94 0.27 0.00	22.51 0.40 0.00	32.51 0.82 0.00	36.59 0.79 -0.02	29.74 0.64 0.00	25.88 0.56 0.00	24.45 0.53 0.00	23.67 0.44 0.00	24.08 0.45 0.00	24.66 0.48 0.00	25.32 0.54 0.00	27.60 0.51 0.00	33.57 0.79 0.00	45.33 1.27 -0.46	35.53 0.83 -0.08	32.18 0.81 0.00	28.32 0.69 0.00	26.25 0.49 0.00	24.34 0.48 0.00	23.05 0.45 0.00
MADISON___COUNTY_LFGE 323628	22.18 0.69 0.00	20.98 0.63 0.00	20.74 0.58 0.00	20.68 0.60 0.00	21.25 0.58 0.00	22.93 0.82 0.00	32.96 1.27 0.00	37.04 1.22 -0.03	30.12 1.02 0.00	26.31 0.99 0.00	24.86 0.93 0.00	24.06 0.84 0.00	24.49 0.85 0.00	25.05 0.87 0.00	25.57 0.79 0.00	27.95 0.87 0.00	33.90 1.11 0.00	46.04 1.66 -0.78	35.86 1.11 -0.13	32.43 1.07 0.00	28.54 0.91 0.00	26.62 0.85 0.00	24.61 0.74 0.00	23.30 0.70 0.00

MALONE___115KV_TB1 356076	20.72 -0.77 0.00	19.72 -0.63 0.00	19.61 -0.54 0.00	19.50 -0.58 0.00	20.26 -0.41 0.00	21.63 -0.49 0.00	31.25 -0.44 0.00	35.47 -0.32 0.00	29.02 -0.09 0.00	25.20 -0.13 0.00	23.95 0.02 0.00	23.32 0.09 0.00	23.78 0.14 0.00	24.37 0.19 0.00	25.17 0.40 0.00	27.57 0.49 0.00	33.71 0.92 0.00	44.91 1.31 0.00	35.66 1.04 0.00	32.34 0.97 0.00	28.51 0.88 0.00	26.56 0.80 0.00	24.44 0.57 0.00	23.14 0.54 0.00
MAPLEWOD_115KV_TB3 80458	22.09 0.60 0.00	20.90 0.55 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.32 0.64 0.00	22.96 0.84 0.00	33.12 1.43 0.00	37.91 1.79 -0.34	30.44 1.34 0.00	26.26 0.94 0.00	24.79 0.86 0.00	24.09 0.86 0.00	24.56 0.92 0.00	25.17 0.99 0.00	25.79 1.02 0.00	28.33 1.25 0.00	34.36 1.57 0.00	54.28 2.22 -8.45	37.80 1.73 -1.45	32.81 1.44 0.00	28.87 1.24 0.00	26.87 1.11 0.00	24.87 1.00 0.00	23.50 0.90 0.00
MAPLE_RIDGE_WT_1 323574	20.91 -0.58 0.00	19.88 -0.47 0.00	19.69 -0.46 0.00	19.64 -0.44 0.00	20.26 -0.41 0.00	21.61 -0.51 0.00	31.02 -0.67 0.00	35.15 -0.64 0.00	28.67 -0.44 0.00	24.94 -0.38 0.00	23.62 -0.31 0.00	22.92 -0.30 0.00	23.35 -0.28 0.00	23.92 -0.27 0.00	24.53 -0.25 0.00	26.84 -0.24 0.00	32.56 -0.23 0.00	43.17 -0.44 0.00	34.38 -0.24 0.00	31.12 -0.25 0.00	27.38 -0.25 0.00	25.46 -0.31 0.00	23.48 -0.38 0.00	22.12 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	20.91 -0.58 0.00	19.88 -0.47 0.00	19.69 -0.46 0.00	19.64 -0.44 0.00	20.26 -0.41 0.00	21.61 -0.51 0.00	31.02 -0.67 0.00	35.15 -0.64 0.00	28.67 -0.44 0.00	24.94 -0.38 0.00	23.62 -0.31 0.00	22.92 -0.30 0.00	23.35 -0.28 0.00	23.92 -0.27 0.00	24.53 -0.25 0.00	26.84 -0.24 0.00	32.56 -0.23 0.00	43.17 -0.44 0.00	34.38 -0.24 0.00	31.12 -0.25 0.00	27.38 -0.25 0.00	25.46 -0.31 0.00	23.48 -0.38 0.00	22.12 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	20.33 -1.16 0.00	19.41 -0.94 0.00	19.31 -0.85 0.00	19.22 -0.86 0.00	19.95 -0.72 0.00	21.28 -0.84 0.00	30.71 -0.98 0.00	34.90 -0.89 0.00	28.61 -0.49 0.00	24.89 -0.43 0.00	23.71 -0.22 0.00	23.11 -0.12 0.00	23.61 -0.02 0.00	24.25 0.07 0.00	25.05 0.27 0.00	27.51 0.43 0.00	33.57 0.79 0.00	44.65 1.04 0.00	35.52 0.90 0.00	32.21 0.85 0.00	28.40 0.77 0.00	26.46 0.70 0.00	24.32 0.45 0.00	23.03 0.43 0.00
MARSHVLE_115KV_TB1 80742	22.24 0.75 0.00	21.04 0.69 0.00	20.82 0.67 0.00	20.76 0.68 0.00	21.52 0.85 0.00	23.29 1.17 0.00	33.84 2.15 0.00	38.79 2.58 -0.42	30.97 1.86 0.00	26.56 1.24 0.00	24.96 1.03 0.00	24.20 0.98 0.00	24.65 1.02 0.00	25.29 1.11 0.00	26.09 1.31 0.00	28.52 1.44 0.00	34.72 1.93 0.00	57.39 3.14 -10.65	38.73 2.28 -1.82	33.41 2.04 0.00	29.32 1.69 0.00	27.21 1.44 0.00	24.99 1.12 0.00	23.61 1.02 0.00
MARSH_HILL_WT_PWR 323713	22.59 1.10 0.00	21.14 0.79 0.00	21.02 0.87 0.00	20.92 0.84 0.00	21.29 0.62 0.00	23.58 1.46 0.00	33.46 1.77 0.00	37.70 1.82 -0.08	30.79 1.69 0.00	27.07 1.75 0.00	25.60 1.67 0.00	24.67 1.44 0.00	25.03 1.39 0.00	25.51 1.33 0.00	26.06 1.29 0.00	27.76 0.68 0.00	33.02 0.23 0.00	46.06 0.35 -2.11	34.73 -0.24 -0.35	31.81 0.44 0.00	27.88 0.25 0.00	25.97 0.21 0.00	23.87 0.00 0.00	22.57 -0.02 0.00
MCINTYRE_115KV_TB2 80467	21.45 -0.04 0.00	20.37 0.02 0.00	20.20 0.04 0.00	20.12 0.04 0.00	20.80 0.12 0.00	22.07 -0.04 0.00	31.88 0.19 0.00	36.05 0.25 -0.01	29.34 0.23 0.00	25.42 0.10 0.00	24.05 0.12 0.00	23.32 0.09 0.00	23.75 0.12 0.00	24.33 0.15 0.00	24.97 0.20 0.00	27.33 0.24 0.00	33.31 0.52 0.00	44.51 0.74 -0.16	35.31 0.66 -0.03	31.96 0.60 0.00	28.18 0.55 0.00	26.23 0.46 0.00	24.25 0.38 0.00	22.94 0.34 0.00
MECO___69_KV_BK1 80468	22.78 1.29 0.00	21.51 1.16 0.00	21.30 1.15 0.00	21.24 1.16 0.00	22.14 1.47 0.00	24.02 1.90 0.00	34.92 3.23 0.00	39.59 3.40 -0.40	31.46 2.36 0.00	27.17 1.85 0.00	25.46 1.53 0.00	24.74 1.51 0.00	25.34 1.70 0.00	26.09 1.91 0.00	26.61 1.83 0.00	29.17 2.09 0.00	35.61 2.82 0.00	58.17 4.45 -10.11	39.57 3.22 -1.73	34.19 2.82 0.00	29.95 2.32 0.00	28.01 2.24 0.00	25.68 1.81 0.00	24.25 1.65 0.00
MENANDS___115KV_TB5 355628	22.01 0.52 0.00	20.84 0.49 0.00	20.62 0.46 0.00	20.56 0.48 0.00	21.23 0.56 0.00	22.87 0.75 0.00	32.96 1.27 0.00	37.73 1.61 -0.34	30.30 1.19 0.00	26.16 0.84 0.00	24.72 0.79 0.00	23.99 0.77 0.00	24.46 0.83 0.00	25.08 0.89 0.00	25.69 0.92 0.00	28.22 1.14 0.00	34.23 1.44 0.00	54.05 2.01 -8.44	37.62 1.56 -1.44	32.68 1.32 0.00	28.76 1.13 0.00	26.77 1.00 0.00	24.80 0.93 0.00	23.41 0.81 0.00
MG INDUSTRY___DRP 24185	21.92 0.43 0.00	20.76 0.41 0.00	20.56 0.40 0.00	20.48 0.40 0.00	21.13 0.45 0.00	22.71 0.60 0.00	32.77 1.08 0.00	37.44 1.32 -0.33	30.12 1.02 0.00	26.08 0.76 0.00	24.62 0.69 0.00	23.90 0.67 0.00	24.34 0.71 0.00	24.96 0.77 0.00	25.54 0.77 0.00	28.03 0.95 0.00	33.97 1.18 0.00	53.55 1.61 -8.33	37.29 1.25 -1.43	32.43 1.07 0.00	28.57 0.94 0.00	26.62 0.85 0.00	24.65 0.79 0.00	23.25 0.66 0.00
MID___OSWEGATCHIE_HYD 23849	21.19 -0.30 0.00	20.10 -0.24 0.00	19.89 -0.26 0.00	19.84 -0.24 0.00	20.47 -0.21 0.00	21.87 -0.24 0.00	31.59 -0.10 0.00	35.70 -0.11 -0.01	29.02 -0.09 0.00	25.15 -0.18 0.00	23.78 -0.14 0.00	23.04 -0.19 0.00	23.45 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.92 -0.16 0.00	32.82 0.03 0.00	44.18 0.22 -0.35	34.82 0.14 -0.06	31.52 0.16 0.00	27.74 0.11 0.00	25.82 0.05 0.00	23.89 0.02 0.00	22.60 0.00 0.00
MID___RAQUETTE_HYD 23851	21.10 -0.39 0.00	20.06 -0.28 0.00	19.89 -0.26 0.00	19.82 -0.26 0.00	20.49 -0.19 0.00	21.78 -0.33 0.00	31.37 -0.32 0.00	35.51 -0.29 -0.01	28.87 -0.23 0.00	25.07 -0.25 0.00	23.74 -0.19 0.00	23.04 -0.19 0.00	23.47 -0.17 0.00	24.01 -0.17 0.00	24.60 -0.17 0.00	26.84 -0.24 0.00	32.72 -0.07 0.00	43.71 -0.09 -0.19	34.65 0.00 -0.03	31.37 0.00 0.00	27.63 0.00 0.00	25.82 0.05 0.00	23.91 0.05 0.00	22.64 0.05 0.00
MILLIKEN___1 23584	22.22 0.73 0.00	20.96 0.61 0.00	20.76 0.60 0.00	20.68 0.60 0.00	21.19 0.52 0.00	23.07 0.95 0.00	33.02 1.33 0.00	37.05 1.18 -0.08	30.50 1.40 0.00	26.66 1.34 0.00	25.12 1.20 0.00	24.32 1.09 0.00	24.70 1.06 0.00	25.25 1.06 0.00	25.74 0.97 0.00	27.79 0.70 0.00	33.64 0.85 0.00	47.07 1.44 -2.02	35.86 0.90 -0.34	32.37 1.00 0.00	28.51 0.88 0.00	26.62 0.85 0.00	24.53 0.67 0.00	23.21 0.61 0.00
MILLIKEN___2 23585	22.22 0.73 0.00	20.96 0.61 0.00	20.76 0.60 0.00	20.68 0.60 0.00	21.19 0.52 0.00	23.07 0.95 0.00	33.02 1.33 0.00	37.05 1.18 -0.08	30.50 1.40 0.00	26.66 1.34 0.00	25.12 1.20 0.00	24.32 1.09 0.00	24.70 1.06 0.00	25.25 1.06 0.00	25.74 0.97 0.00	27.79 0.70 0.00	33.64 0.85 0.00	47.07 1.44 -2.02	35.86 0.90 -0.34	32.37 1.00 0.00	28.51 0.88 0.00	26.62 0.85 0.00	24.53 0.67 0.00	23.21 0.61 0.00

MILLIKEN___DIESEL 23629	22.22 0.73 0.00	20.96 0.61 0.00	20.76 0.60 0.00	20.68 0.60 0.00	21.19 0.52 0.00	23.07 0.95 0.00	33.02 1.33 0.00	37.05 1.18 -0.08	30.50 1.40 0.00	26.66 1.34 0.00	25.12 1.20 0.00	24.32 1.09 0.00	24.70 1.06 0.00	25.25 1.06 0.00	25.74 0.97 0.00	27.79 0.70 0.00	33.64 0.85 0.00	47.07 1.44 -2.02	35.86 0.90 -0.34	32.37 1.00 0.00	28.51 0.88 0.00	26.62 0.85 0.00	24.53 0.67 0.00	23.21 0.61 0.00
MILLSEAT___LFGE 323607	22.29 0.80 0.00	20.76 0.41 0.00	20.66 0.50 0.00	20.50 0.42 0.00	20.72 0.04 0.00	22.91 0.80 0.00	32.07 0.38 0.00	36.21 0.36 -0.07	29.72 0.61 0.00	26.13 0.81 0.00	24.74 0.81 0.00	23.88 0.65 0.00	24.27 0.64 0.00	24.71 0.53 0.00	25.24 0.47 0.00	26.70 -0.38 0.00	31.67 -1.11 0.00	44.13 -1.18 -1.70	33.51 -1.39 -0.27	30.74 -0.63 0.00	26.94 -0.69 0.00	25.17 -0.59 0.00	23.24 -0.62 0.00	22.19 -0.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.44 0.95 0.00	21.26 0.92 0.00	21.00 0.85 0.00	20.92 0.84 0.00	21.63 0.95 0.00	23.24 1.13 0.00	33.75 2.06 0.00	38.67 2.61 -0.27	31.20 2.10 0.00	27.15 1.82 0.00	25.56 1.63 0.00	24.85 1.63 0.00	25.27 1.63 0.00	25.83 1.64 0.00	26.48 1.71 0.00	29.06 1.98 0.00	35.15 2.36 0.00	53.52 3.23 -6.69	38.22 2.46 -1.14	33.50 2.13 0.00	29.45 1.82 0.00	27.47 1.70 0.00	25.37 1.50 0.00	23.84 1.24 0.00
MILLWOOD_13_KV_LOAD 356217	22.48 0.99 0.00	21.29 0.94 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.69 1.01 0.00	23.29 1.17 0.00	33.84 2.15 0.00	38.81 2.76 -0.27	31.29 2.18 0.00	27.20 1.87 0.00	25.63 1.70 0.00	24.90 1.67 0.00	25.34 1.70 0.00	25.87 1.69 0.00	26.56 1.78 0.00	29.14 2.06 0.00	35.22 2.43 0.00	53.70 3.40 -6.69	38.33 2.56 -1.14	33.56 2.20 0.00	29.54 1.91 0.00	27.54 1.78 0.00	25.42 1.55 0.00	23.89 1.29 0.00
MODEL_CITY_ENERGY 24167	21.79 0.30 0.00	20.31 -0.04 0.00	20.22 0.06 0.00	20.06 -0.02 0.00	20.26 -0.41 0.00	22.40 0.29 0.00	31.18 -0.51 0.00	35.14 -0.72 -0.07	28.87 -0.23 0.00	25.48 0.15 0.00	24.14 0.21 0.00	23.27 0.05 0.00	23.66 0.02 0.00	24.09 -0.10 0.00	24.57 -0.20 0.00	25.92 -1.16 0.00	30.62 -2.17 0.00	42.56 -2.79 -1.74	32.33 -2.56 -0.27	29.70 -1.66 0.00	26.11 -1.52 0.00	24.40 -1.37 0.00	22.60 -1.27 0.00	21.58 -1.02 0.00
MODERN_LFGE___ 323580	21.79 0.30 0.00	20.31 -0.04 0.00	20.22 0.06 0.00	20.06 -0.02 0.00	20.26 -0.41 0.00	22.40 0.29 0.00	31.18 -0.51 0.00	35.14 -0.72 -0.07	28.87 -0.23 0.00	25.48 0.15 0.00	24.14 0.21 0.00	23.27 0.05 0.00	23.66 0.02 0.00	24.09 -0.10 0.00	24.57 -0.20 0.00	25.92 -1.16 0.00	30.62 -2.17 0.00	42.56 -2.79 -1.74	32.33 -2.56 -0.27	29.70 -1.66 0.00	26.11 -1.52 0.00	24.40 -1.37 0.00	22.60 -1.27 0.00	21.58 -1.02 0.00
MOHAWK_PAPER___DRP 24187	22.09 0.60 0.00	20.90 0.55 0.00	20.70 0.54 0.00	20.62 0.54 0.00	21.32 0.64 0.00	22.96 0.84 0.00	33.12 1.43 0.00	37.91 1.79 -0.34	30.44 1.34 0.00	26.26 0.94 0.00	24.79 0.86 0.00	24.09 0.86 0.00	24.56 0.92 0.00	25.17 0.99 0.00	25.79 1.02 0.00	28.33 1.25 0.00	34.36 1.57 0.00	54.28 2.22 -8.45	37.80 1.73 -1.45	32.81 1.44 0.00	28.87 1.24 0.00	26.87 1.11 0.00	24.87 1.00 0.00	23.50 0.90 0.00
MOHICAN__35_KV_115KV_LD 80490	22.74 1.25 0.00	21.49 1.14 0.00	21.26 1.11 0.00	21.18 1.10 0.00	22.02 1.34 0.00	23.80 1.68 0.00	34.45 2.76 0.00	39.32 3.19 -0.34	31.43 2.33 0.00	27.02 1.70 0.00	25.39 1.46 0.00	24.78 1.56 0.00	25.34 1.70 0.00	25.83 1.64 0.00	26.56 1.78 0.00	28.63 1.54 0.00	34.53 1.74 0.00	55.06 2.79 -8.67	38.14 2.04 -1.48	33.06 1.69 0.00	29.04 1.41 0.00	26.87 1.11 0.00	24.94 1.07 0.00	24.27 1.67 0.00
MONGAUP___HYD 23641	22.43 0.94 0.00	21.16 0.81 0.00	20.90 0.75 0.00	20.80 0.72 0.00	21.50 0.83 0.00	23.18 1.06 0.00	33.78 2.09 0.00	38.11 2.07 -0.24	30.76 1.66 0.00	26.66 1.34 0.00	25.10 1.17 0.00	24.36 1.14 0.00	24.79 1.16 0.00	25.37 1.18 0.00	26.01 1.24 0.00	28.60 1.52 0.00	34.66 1.87 0.00	52.00 2.31 -6.08	37.74 2.08 -1.04	33.19 1.82 0.00	29.18 1.55 0.00	27.23 1.47 0.00	25.08 1.22 0.00	23.61 1.02 0.00
MONTAUK___DIESEL 23721	31.39 2.26 -7.64	28.26 1.95 -5.96	26.27 1.87 -4.24	24.08 1.85 -2.16	27.70 2.01 -5.02	31.97 2.43 -7.42	37.02 4.25 -1.09	45.76 4.97 -4.99	35.85 3.96 -2.79	32.04 3.19 -3.53	32.15 2.87 -5.35	31.64 2.72 -5.69	31.39 2.67 -5.09	31.45 2.73 -4.54	33.08 3.15 -5.16	34.20 3.71 -3.40	62.60 4.72 -25.09	89.57 6.10 -39.86	53.14 4.67 -13.84	46.95 4.05 -11.54	37.54 3.62 -6.29	34.31 3.04 -5.51	32.67 2.58 -6.23	31.98 2.24 -7.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.99 1.50 0.00	21.53 1.18 0.00	21.43 1.27 0.00	21.26 1.18 0.00	21.23 0.56 0.00	23.75 1.64 0.00	33.34 1.65 0.00	36.54 0.68 -0.07	30.65 1.54 0.00	27.20 1.87 0.00	25.70 1.77 0.00	24.81 1.58 0.00	25.17 1.54 0.00	25.56 1.38 0.00	25.96 1.19 0.00	27.62 0.54 0.00	32.59 -0.83 0.00	44.65 -0.83 -1.87	33.53 -1.38 -0.30	30.96 -0.41 0.00	27.46 -0.17 0.00	25.64 -0.13 0.00	23.41 -0.45 0.00	22.17 -0.43 0.00
MORTIMER_115KV_TB3 55949	21.94 0.45 0.00	20.53 0.18 0.00	20.40 0.24 0.00	20.26 0.18 0.00	20.45 -0.23 0.00	22.60 0.49 0.00	31.78 0.10 0.00	35.78 -0.07 -0.06	29.28 0.17 0.00	25.68 0.35 0.00	24.31 0.38 0.00	23.57 0.35 0.00	23.94 0.31 0.00	24.42 0.24 0.00	24.90 0.12 0.00	26.81 -0.27 0.00	32.03 -0.75 0.00	44.66 -0.52 -1.58	34.13 -0.76 -0.27	30.93 -0.44 0.00	27.30 -0.33 0.00	25.51 -0.26 0.00	23.48 -0.38 0.00	22.19 -0.41 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.56 1.07 0.00	21.39 1.04 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.94 2.25 0.00	38.92 2.86 -0.27	31.49 2.39 0.00	27.40 2.08 0.00	25.79 1.87 0.00	25.11 1.88 0.00	25.50 1.87 0.00	26.04 1.86 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.44 2.66 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.02 1.42 0.00
MUNSVILLE_WIND_PWR 323609	23.34 1.85 0.00	22.04 1.69 0.00	21.75 1.59 0.00	21.75 1.67 0.00	22.27 1.59 0.00	24.28 2.17 0.00	35.36 3.67 0.00	39.90 4.01 -0.11	31.34 2.24 0.00	27.27 1.95 0.00	25.72 1.80 0.00	24.85 1.63 0.00	25.26 1.63 0.00	25.87 1.69 0.00	26.61 1.83 0.00	28.87 1.79 0.00	36.36 3.57 0.00	51.61 5.32 -2.69	38.71 3.63 -0.46	34.97 3.61 0.00	30.70 3.07 0.00	28.29 2.53 0.00	26.13 2.27 0.00	24.65 2.06 0.00
N SALMON___HYD 24042	20.65 -0.84 0.00	19.72 -0.63 0.00	19.59 -0.56 0.00	19.50 -0.58 0.00	20.26 -0.41 0.00	21.63 -0.49 0.00	31.25 -0.44 0.00	35.43 -0.36 0.00	28.99 -0.12 0.00	25.20 -0.13 0.00	23.95 0.02 0.00	23.32 0.09 0.00	23.78 0.14 0.00	24.37 0.19 0.00	25.15 0.37 0.00	27.57 0.49 0.00	33.71 0.92 0.00	44.87 1.27 0.00	35.66 1.04 0.00	32.34 0.97 0.00	28.51 0.88 0.00	26.57 0.80 0.00	24.44 0.57 0.00	23.14 0.54 0.00

N.AKRON__115KV_KNAPP 355671	22.26 0.77 0.00	20.78 0.43 0.00	20.66 0.50 0.00	20.52 0.44 0.00	20.47 -0.21 0.00	22.93 0.82 0.00	31.97 0.29 0.00	35.50 -0.36 -0.07	29.39 0.29 0.00	25.96 0.63 0.00	24.57 0.65 0.00	23.78 0.56 0.00	24.15 0.52 0.00	24.62 0.44 0.00	25.00 0.22 0.00	26.68 -0.41 0.00	31.67 -1.11 0.00	44.01 -1.31 -1.71	33.44 -1.45 -0.27	30.71 -0.66 0.00	27.16 -0.47 0.00	25.48 -0.28 0.00	23.32 -0.55 0.00	22.03 -0.56 0.00
N.BELMOR_69_KV_BK1 55787	30.59 1.46 -7.64	27.67 1.36 -5.96	25.69 1.29 -4.24	23.52 1.29 -2.16	27.10 1.41 -5.02	31.17 1.64 -7.42	35.63 2.85 -1.09	44.36 3.58 -4.99	34.84 2.94 -2.79	31.31 2.46 -3.53	31.51 2.23 -5.35	31.13 2.21 -5.69	30.94 2.22 -5.09	30.94 2.22 -4.54	32.36 2.43 -5.16	33.19 2.71 -3.40	61.16 3.28 -25.09	87.91 4.45 -39.86	51.85 3.39 -13.84	45.92 3.01 -11.54	36.55 2.62 -6.29	33.62 2.34 -5.51	32.20 2.10 -6.23	31.53 1.79 -7.15
N.E_GEN_SANDY PD 24062	22.26 0.77 0.00	21.00 0.65 0.00	20.76 0.60 0.00	20.70 0.62 0.00	21.36 0.68 0.00	23.07 0.95 0.00	33.43 1.74 0.00	38.16 2.07 -0.30	30.67 1.57 0.00	26.56 1.24 0.00	25.01 1.08 0.00	24.30 1.07 0.00	24.72 1.09 0.00	25.34 1.16 0.00	25.99 1.21 0.00	28.63 1.54 0.00	34.69 1.90 0.00	51.06 2.57 -4.88	40.61 2.01 -3.98	33.06 1.69 0.00	29.18 1.55 0.00	27.21 1.44 0.00	25.08 1.22 0.00	23.64 1.04 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.37 0.88 0.00	21.22 0.88 0.00	20.96 0.81 0.00	20.88 0.80 0.00	21.58 0.91 0.00	23.16 1.04 0.00	33.62 1.93 0.00	38.44 2.40 -0.26	31.02 1.92 0.00	27.02 1.70 0.00	25.46 1.53 0.00	24.74 1.51 0.00	25.15 1.51 0.00	25.70 1.52 0.00	26.33 1.56 0.00	28.90 1.81 0.00	34.95 2.16 0.00	53.13 3.05 -6.47	37.98 2.25 -1.11	33.28 1.91 0.00	29.29 1.66 0.00	27.34 1.57 0.00	25.25 1.38 0.00	23.75 1.15 0.00
N.QUEENS_27_KV_LOAD 356247	22.84 1.35 0.00	21.67 1.32 0.00	21.39 1.23 0.00	21.28 1.20 0.00	22.02 1.34 0.00	23.33 1.22 0.00	33.65 1.96 0.00	38.70 2.65 -0.27	31.37 2.27 0.00	27.35 2.03 0.00	25.77 1.84 0.00	25.11 1.88 0.00	25.48 1.84 0.00	26.00 1.81 0.00	26.66 1.88 0.00	29.22 2.14 0.00	35.38 2.59 0.00	53.74 3.40 -6.74	38.33 2.56 -1.15	33.69 2.32 0.00	29.65 2.02 0.00	27.65 1.88 0.00	25.66 1.79 0.00	24.16 1.56 0.00
N.TROY___115KV_TB1 355778	22.16 0.67 0.00	20.96 0.61 0.00	20.72 0.56 0.00	20.66 0.58 0.00	21.38 0.70 0.00	23.05 0.93 0.00	33.24 1.55 0.00	38.02 1.90 -0.34	30.53 1.43 0.00	26.36 1.04 0.00	24.84 0.91 0.00	24.13 0.91 0.00	24.60 0.97 0.00	25.20 1.02 0.00	25.86 1.09 0.00	28.36 1.27 0.00	34.36 1.57 0.00	54.34 2.22 -8.50	37.81 1.73 -1.46	32.81 1.44 0.00	28.90 1.27 0.00	26.90 1.13 0.00	24.87 1.00 0.00	23.59 0.99 0.00
NARROWS_GT1_1 24228	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT1_2 24229	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT1_3 24230	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT1_4 24231	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT1_5 24232	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT1_6 24233	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT1_7 24234	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT1_8 24235	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT2_1 24236	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01

NARROWS_GT2_2 24237	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT2_3 24238	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT2_4 24239	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT2_5 24240	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT2_6 24241	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT2_7 24242	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NARROWS_GT2_8 24243	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.39 0.90 0.00	21.16 0.81 0.00	20.96 0.81 0.00	20.86 0.78 0.00	21.65 0.97 0.00	23.40 1.28 0.00	33.91 2.22 0.00	38.21 2.11 -0.31	30.73 1.63 0.00	26.26 0.94 0.00	24.77 0.84 0.00	23.99 0.77 0.00	24.46 0.83 0.00	25.17 0.99 0.00	25.81 1.04 0.00	28.46 1.38 0.00	34.79 2.00 0.00	54.25 2.79 -7.85	38.11 2.15 -1.34	33.41 2.04 0.00	29.29 1.66 0.00	27.18 1.42 0.00	25.13 1.26 0.00	23.75 1.15 0.00
NCHELSEA_115KV_TR2 355582	22.52 1.03 0.00	21.33 0.98 0.00	21.06 0.91 0.00	20.96 0.88 0.00	21.71 1.03 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.71 2.65 -0.27	31.20 2.10 0.00	27.04 1.72 0.00	25.48 1.56 0.00	24.74 1.51 0.00	25.15 1.51 0.00	25.75 1.57 0.00	26.41 1.64 0.00	29.03 1.95 0.00	35.18 2.39 0.00	53.78 3.40 -6.77	38.34 2.56 -1.16	33.56 2.20 0.00	29.51 1.88 0.00	27.52 1.75 0.00	25.37 1.50 0.00	23.86 1.27 0.00
NEG CAPITAL___MECHNVIL 23645	22.52 1.03 0.00	21.22 0.87 0.00	21.00 0.85 0.00	20.94 0.86 0.00	21.67 0.99 0.00	23.42 1.30 0.00	33.69 2.00 0.00	38.46 2.32 -0.34	30.76 1.66 0.00	26.51 1.19 0.00	24.96 1.03 0.00	24.27 1.05 0.00	24.79 1.16 0.00	25.37 1.18 0.00	26.04 1.26 0.00	28.68 1.60 0.00	34.76 1.97 0.00	55.14 2.92 -8.61	38.31 2.22 -1.47	33.25 1.88 0.00	29.43 1.79 0.00	27.39 1.62 0.00	25.25 1.38 0.00	23.91 1.31 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.34 -0.15 0.00	20.02 -0.33 0.00	19.87 -0.28 0.00	19.76 -0.32 0.00	20.16 -0.52 0.00	22.03 -0.09 0.00	31.21 -0.47 0.00	35.28 -0.57 -0.06	28.81 -0.29 0.00	25.20 -0.13 0.00	23.86 -0.07 0.00	23.11 -0.12 0.00	23.47 -0.16 0.00	23.92 -0.27 0.00	24.43 -0.35 0.00	26.32 -0.76 0.00	31.61 -1.18 0.00	44.19 -0.96 -1.54	33.71 -1.18 -0.27	30.49 -0.88 0.00	26.74 -0.89 0.00	24.94 -0.83 0.00	23.08 -0.79 0.00	21.94 -0.66 0.00
NEG CENTRAL___DRP 24199	21.92 0.43 0.00	20.65 0.31 0.00	20.46 0.30 0.00	20.38 0.30 0.00	20.82 0.14 0.00	22.76 0.64 0.00	32.45 0.76 0.00	36.28 0.43 -0.06	29.74 0.64 0.00	26.03 0.71 0.00	24.60 0.67 0.00	23.81 0.58 0.00	24.18 0.54 0.00	24.69 0.51 0.00	25.17 0.40 0.00	27.33 0.24 0.00	32.89 0.10 0.00	45.59 0.39 -1.59	34.93 0.03 -0.27	31.68 0.31 0.00	27.88 0.25 0.00	26.02 0.26 0.00	23.98 0.12 0.00	22.71 0.11 0.00
NEG CENTRAL___INDECK 23768	22.80 1.31 0.00	21.33 0.98 0.00	21.20 1.05 0.00	21.04 0.96 0.00	21.40 0.72 0.00	23.64 1.52 0.00	33.59 1.90 0.00	37.97 2.11 -0.07	30.97 1.86 0.00	26.99 1.67 0.00	25.46 1.53 0.00	24.55 1.32 0.00	24.89 1.25 0.00	25.37 1.18 0.00	25.94 1.16 0.00	27.81 0.73 0.00	33.31 0.52 0.00	46.85 1.35 -1.89	35.52 0.59 -0.32	32.40 1.03 0.00	28.40 0.77 0.00	26.49 0.72 0.00	24.32 0.45 0.00	23.12 0.52 0.00
NEG CENTRAL___SENECA 23627	22.11 0.62 0.00	20.80 0.45 0.00	20.62 0.46 0.00	20.54 0.46 0.00	20.92 0.25 0.00	23.00 0.88 0.00	32.80 1.11 0.00	36.50 0.64 -0.07	30.03 0.93 0.00	26.34 1.01 0.00	24.89 0.96 0.00	24.09 0.86 0.00	24.44 0.80 0.00	24.93 0.75 0.00	25.37 0.59 0.00	27.49 0.41 0.00	33.02 0.23 0.00	45.87 0.57 -1.69	35.01 0.10 -0.29	31.87 0.50 0.00	28.04 0.41 0.00	26.23 0.46 0.00	24.10 0.24 0.00	22.78 0.18 0.00
NEG CENTRAL___STATE_STREET 24147	21.88 0.39 0.00	20.63 0.28 0.00	20.44 0.28 0.00	20.36 0.28 0.00	20.84 0.17 0.00	22.67 0.55 0.00	32.35 0.67 0.00	36.64 0.79 -0.06	30.03 0.93 0.00	26.06 0.73 0.00	24.62 0.69 0.00	23.85 0.63 0.00	24.23 0.59 0.00	24.74 0.56 0.00	25.42 0.64 0.00	27.54 0.46 0.00	33.25 0.46 0.00	46.12 0.96 -1.56	35.37 0.48 -0.27	31.96 0.60 0.00	28.16 0.52 0.00	26.07 0.31 0.00	24.08 0.21 0.00	22.80 0.20 0.00



NEG MILLWOOD___DRP 24198	22.59 1.10 0.00	21.37 1.02 0.00	21.12 0.97 0.00	21.04 0.96 0.00	21.81 1.14 0.00	23.44 1.33 0.00	34.13 2.44 0.00	39.07 3.01 -0.27	31.40 2.30 0.00	27.27 1.95 0.00	25.67 1.75 0.00	24.90 1.67 0.00	25.36 1.73 0.00	25.95 1.77 0.00	26.63 1.86 0.00	29.30 2.22 0.00	35.35 2.56 0.00	54.18 3.75 -6.83	38.63 2.84 -1.17	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.49 1.62 0.00	23.95 1.36 0.00
NEG NORTH_FLCN_SEA 23793	20.61 -0.88 0.00	19.62 -0.73 0.00	19.51 -0.64 0.00	19.42 -0.66 0.00	20.18 -0.50 0.00	21.56 -0.55 0.00	31.15 -0.54 0.00	35.43 -0.36 0.00	29.02 -0.09 0.00	25.22 -0.10 0.00	24.02 0.10 0.00	23.41 0.19 0.00	23.89 0.26 0.00	24.54 0.36 0.00	25.44 0.67 0.00	27.90 0.81 0.00	34.07 1.28 0.00	45.39 1.79 0.00	36.04 1.42 0.00	32.72 1.35 0.00	28.85 1.22 0.00	26.80 1.03 0.00	24.65 0.79 0.00	23.34 0.75 0.00
NEG NORTH_KES_CHATEGAY 23792	20.44 -1.05 0.00	19.47 -0.88 0.00	19.37 -0.79 0.00	19.26 -0.82 0.00	20.01 -0.66 0.00	21.34 -0.77 0.00	30.80 -0.89 0.00	35.04 -0.75 0.00	28.67 -0.44 0.00	24.92 -0.41 0.00	23.71 -0.22 0.00	23.13 -0.09 0.00	23.61 -0.02 0.00	24.23 0.05 0.00	25.07 0.30 0.00	27.52 0.43 0.00	33.58 0.79 0.00	44.70 1.09 0.00	35.55 0.93 0.00	32.25 0.88 0.00	28.43 0.80 0.00	26.44 0.67 0.00	24.32 0.45 0.00	23.03 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	20.59 -0.90 0.00	19.60 -0.75 0.00	19.49 -0.67 0.00	19.40 -0.68 0.00	20.18 -0.50 0.00	21.59 -0.53 0.00	31.18 -0.51 0.00	35.47 -0.32 0.00	29.04 -0.06 0.00	25.22 -0.10 0.00	24.00 0.07 0.00	23.41 0.19 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.42 0.64 0.00	27.90 0.81 0.00	34.10 1.31 0.00	45.48 1.88 0.00	36.11 1.49 0.00	32.75 1.38 0.00	28.87 1.24 0.00	26.85 1.08 0.00	24.65 0.79 0.00	23.34 0.75 0.00
NEG NORTH___LWR_SARANAC 23913	20.59 -0.90 0.00	19.60 -0.75 0.00	19.49 -0.67 0.00	19.40 -0.68 0.00	20.18 -0.50 0.00	21.59 -0.53 0.00	31.18 -0.51 0.00	35.47 -0.32 0.00	29.04 -0.06 0.00	25.22 -0.10 0.00	24.00 0.07 0.00	23.41 0.19 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.42 0.64 0.00	27.90 0.81 0.00	34.10 1.31 0.00	45.48 1.88 0.00	36.11 1.49 0.00	32.75 1.38 0.00	28.87 1.24 0.00	26.85 1.08 0.00	24.65 0.79 0.00	23.34 0.75 0.00
NEG NORTH___PLATTSBURG 23628	20.52 -0.97 0.00	19.60 -0.75 0.00	19.49 -0.66 0.00	19.40 -0.68 0.00	20.16 -0.52 0.00	21.59 -0.53 0.00	31.18 -0.51 0.00	35.40 -0.39 0.00	29.05 -0.06 0.00	25.22 -0.10 0.00	24.00 0.07 0.00	23.41 0.18 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.34 0.57 0.00	27.89 0.81 0.00	34.10 1.31 0.00	45.44 1.83 0.00	36.11 1.49 0.00	32.75 1.38 0.00	28.87 1.24 0.00	26.87 1.11 0.00	24.65 0.79 0.00	23.34 0.74 0.00
NEG WEST_LEA_LOCKPORT 23791	21.98 0.49 0.00	20.51 0.16 0.00	20.40 0.24 0.00	20.26 0.18 0.00	20.20 -0.48 0.00	22.62 0.51 0.00	31.44 -0.25 0.00	34.78 -1.07 -0.07	28.84 -0.26 0.00	25.55 0.23 0.00	24.19 0.26 0.00	23.41 0.19 0.00	23.80 0.17 0.00	24.25 0.07 0.00	24.63 -0.15 0.00	26.22 -0.87 0.00	31.02 -1.77 0.00	42.90 -2.44 -1.73	32.64 -2.25 -0.27	30.02 -1.35 0.00	26.64 -0.99 0.00	24.99 -0.77 0.00	22.89 -0.98 0.00	21.67 -0.93 0.00
NEG WEST___LANCASTR 23811	22.44 0.95 0.00	21.02 0.67 0.00	20.88 0.73 0.00	20.76 0.68 0.00	20.76 0.08 0.00	23.11 1.00 0.00	32.39 0.70 0.00	34.61 -1.25 -0.07	29.63 0.52 0.00	26.26 0.94 0.00	24.84 0.91 0.00	24.02 0.79 0.00	24.39 0.76 0.00	24.83 0.65 0.00	25.29 0.52 0.00	26.95 -0.14 0.00	31.94 -0.85 0.00	42.81 -2.66 -1.86	32.39 -2.53 -0.30	30.71 -0.66 0.00	27.27 -0.36 0.00	25.59 -0.18 0.00	23.44 -0.43 0.00	22.21 -0.38 0.00
NEG_PENN_ALLEGHNY 23528	22.16 0.67 0.00	20.86 0.51 0.00	20.68 0.52 0.00	20.58 0.50 0.00	21.09 0.41 0.00	22.91 0.80 0.00	32.77 1.08 0.00	37.05 1.14 -0.11	30.09 0.99 0.00	26.34 1.01 0.00	24.86 0.93 0.00	24.06 0.83 0.00	24.46 0.83 0.00	24.98 0.80 0.00	25.54 0.77 0.00	27.62 0.54 0.00	33.25 0.46 0.00	47.15 0.70 -2.85	35.38 0.28 -0.48	31.90 0.53 0.00	28.07 0.44 0.00	26.20 0.44 0.00	24.22 0.36 0.00	22.94 0.34 0.00
NEG___GEN_MONROE 24207	22.01 0.52 0.00	20.59 0.24 0.00	20.46 0.30 0.00	20.32 0.24 0.00	20.45 -0.23 0.00	22.62 0.51 0.00	31.75 0.06 0.00	35.64 -0.21 -0.06	29.19 0.09 0.00	25.65 0.33 0.00	24.31 0.38 0.00	23.53 0.30 0.00	23.89 0.26 0.00	24.37 0.19 0.00	24.82 0.05 0.00	26.73 -0.35 0.00	31.90 -0.89 0.00	44.41 -0.78 -1.59	33.92 -0.97 -0.27	30.87 -0.50 0.00	27.24 -0.39 0.00	25.46 -0.31 0.00	23.44 -0.43 0.00	22.24 -0.36 0.00
NEPA___ENERGY 23901	22.61 1.12 0.00	21.16 0.81 0.00	21.04 0.89 0.00	20.90 0.82 0.00	20.92 0.25 0.00	23.27 1.15 0.00	32.61 0.92 0.00	35.83 -0.04 -0.07	29.95 0.84 0.00	26.51 1.19 0.00	25.08 1.15 0.00	24.23 1.00 0.00	24.63 0.99 0.00	25.05 0.87 0.00	25.52 0.74 0.00	27.19 0.11 0.00	32.20 -0.59 0.00	44.23 -1.26 -1.88	33.43 -1.49 -0.30	30.90 -0.47 0.00	27.41 -0.22 0.00	25.71 -0.05 0.00	23.56 -0.31 0.00	22.33 -0.27 0.00
NEVERSink___HYD 23608	22.67 1.18 0.00	21.39 1.04 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.71 1.03 0.00	23.42 1.30 0.00	34.19 2.50 0.00	38.42 2.40 -0.24	30.99 1.89 0.00	27.02 1.70 0.00	25.44 1.51 0.00	24.69 1.46 0.00	25.12 1.49 0.00	25.71 1.52 0.00	26.36 1.59 0.00	28.82 1.73 0.00	34.99 2.20 0.00	52.73 3.18 -5.94	37.99 2.36 -1.02	33.41 2.04 0.00	29.34 1.71 0.00	27.39 1.62 0.00	25.32 1.46 0.00	23.84 1.24 0.00
NEWKRMKL_115KV_TB1 55635	21.81 0.32 0.00	20.65 0.31 0.00	20.46 0.30 0.00	20.40 0.32 0.00	21.05 0.37 0.00	22.65 0.53 0.00	32.67 0.98 0.00	37.41 1.29 -0.33	30.03 0.93 0.00	25.93 0.61 0.00	24.53 0.60 0.00	23.81 0.58 0.00	24.30 0.66 0.00	24.91 0.73 0.00	25.47 0.69 0.00	27.98 0.89 0.00	33.94 1.15 0.00	53.65 1.61 -8.43	37.31 1.25 -1.44	32.40 1.04 0.00	28.51 0.88 0.00	26.54 0.77 0.00	24.61 0.74 0.00	23.18 0.59 0.00
NEWTON___FALLS_HYD 23847	21.19 -0.30 0.00	20.10 -0.24 0.00	19.89 -0.26 0.00	19.84 -0.24 0.00	20.47 -0.21 0.00	21.87 -0.24 0.00	31.59 -0.10 0.00	35.70 -0.11 -0.01	29.02 -0.09 0.00	25.15 -0.18 0.00	23.78 -0.14 0.00	23.04 -0.19 0.00	23.45 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.92 -0.16 0.00	32.82 0.03 0.00	44.18 0.22 -0.35	34.82 0.14 -0.06	31.52 0.16 0.00	27.74 0.11 0.00	25.82 0.05 0.00	23.89 0.02 0.00	22.60 0.00 0.00
NGRID_A1_DSASP 323792	21.49 0.00 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.97 -0.70 0.00	22.09 -0.02 0.00	30.67 -1.02 0.00	34.57 -1.29 -0.07	28.38 -0.73 0.00	25.04 -0.28 0.00	23.74 -0.19 0.00	22.90 -0.33 0.00	23.28 -0.35 0.00	23.70 -0.48 0.00	24.18 -0.59 0.00	25.51 -1.57 0.00	30.10 -2.69 0.00	41.86 -3.49 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.70 -1.93 0.00	24.01 -1.75 0.00	22.27 -1.60 0.00	21.24 -1.36 0.00

NGRID_A2_DSASP 323793	21.49 0.00 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.97 -0.70 0.00	22.09 -0.02 0.00	30.67 -1.02 0.00	34.57 -1.29 -0.07	28.38 -0.73 0.00	25.04 -0.28 0.00	23.74 -0.19 0.00	22.90 -0.33 0.00	23.28 -0.35 0.00	23.70 -0.48 0.00	24.18 -0.59 0.00	25.51 -1.57 0.00	30.10 -2.69 0.00	41.86 -3.49 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.70 -1.93 0.00	24.01 -1.75 0.00	22.27 -1.60 0.00	21.24 -1.36 0.00
NGRID_A4_DSASP 323807	21.49 0.00 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.97 -0.70 0.00	22.09 -0.02 0.00	30.67 -1.02 0.00	34.57 -1.29 -0.07	28.38 -0.73 0.00	25.04 -0.28 0.00	23.74 -0.19 0.00	22.90 -0.33 0.00	23.28 -0.35 0.00	23.70 -0.48 0.00	24.18 -0.59 0.00	25.51 -1.57 0.00	30.10 -2.69 0.00	41.86 -3.49 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.70 -1.93 0.00	24.01 -1.75 0.00	22.27 -1.60 0.00	21.24 -1.36 0.00
NIAGARA_115E_LBMP 323715	21.68 0.19 0.00	20.21 -0.14 0.00	20.12 -0.04 0.00	19.96 -0.12 0.00	20.16 -0.52 0.00	22.29 0.18 0.00	30.99 -0.70 0.00	34.93 -0.93 -0.07	28.70 -0.41 0.00	25.32 0.00 0.00	24.00 0.07 0.00	23.13 -0.09 0.00	23.52 -0.12 0.00	23.94 -0.24 0.00	24.43 -0.35 0.00	25.76 -1.33 0.00	30.43 -2.36 0.00	42.26 -3.10 -1.75	32.09 -2.80 -0.27	29.52 -1.85 0.00	25.94 -1.69 0.00	24.25 -1.52 0.00	22.48 -1.38 0.00	21.45 -1.15 0.00
NIAGARA_115W_LBMP 323714	21.43 -0.06 0.00	19.96 -0.39 0.00	19.85 -0.30 0.00	19.72 -0.36 0.00	19.91 -0.76 0.00	22.03 -0.09 0.00	30.58 -1.11 0.00	34.46 -1.40 -0.07	28.29 -0.81 0.00	24.97 -0.35 0.00	23.67 -0.26 0.00	22.83 -0.39 0.00	23.21 -0.42 0.00	23.63 -0.56 0.00	24.11 -0.67 0.00	25.43 -1.65 0.00	30.03 -2.75 0.00	41.73 -3.62 -1.75	31.74 -3.15 -0.27	29.14 -2.23 0.00	25.61 -2.02 0.00	23.96 -1.80 0.00	22.19 -1.67 0.00	21.20 -1.40 0.00
NIAGARA_230_LBMP 323716	21.73 0.24 0.00	20.25 -0.10 0.00	20.14 -0.02 0.00	20.00 -0.08 0.00	20.20 -0.47 0.00	22.34 0.22 0.00	31.06 -0.63 0.00	34.96 -0.89 -0.07	28.70 -0.41 0.00	25.35 0.03 0.00	24.00 0.07 0.00	23.16 -0.07 0.00	23.54 -0.09 0.00	23.96 -0.22 0.00	24.45 -0.32 0.00	25.81 -1.27 0.00	30.49 -2.30 0.00	42.33 -3.01 -1.74	32.18 -2.70 -0.26	29.58 -1.79 0.00	26.00 -1.63 0.00	24.32 -1.44 0.00	22.55 -1.31 0.00	21.51 -1.08 0.00
NIAGARA__115KV_198_GIBSON 55903	21.40 -0.09 0.00	19.96 -0.39 0.00	19.85 -0.30 0.00	19.72 -0.36 0.00	19.64 -1.03 0.00	22.03 -0.09 0.00	30.45 -1.24 0.00	33.82 -2.04 -0.07	27.97 -1.14 0.00	24.79 -0.53 0.00	23.47 -0.45 0.00	22.74 -0.49 0.00	23.09 -0.54 0.00	23.55 -0.63 0.00	23.93 -0.84 0.00	25.43 -1.65 0.00	30.03 -2.75 0.00	41.69 -3.66 -1.75	31.74 -3.15 -0.27	29.14 -2.23 0.00	25.86 -1.77 0.00	24.27 -1.49 0.00	22.27 -1.60 0.00	21.11 -1.49 0.00
NIAGARA____ 23760	21.73 0.24 0.00	20.25 -0.10 0.00	20.14 -0.02 0.00	20.00 -0.08 0.00	20.20 -0.47 0.00	22.34 0.22 0.00	31.06 -0.63 0.00	34.96 -0.89 -0.07	28.70 -0.41 0.00	25.35 0.03 0.00	24.00 0.07 0.00	23.16 -0.07 0.00	23.54 -0.09 0.00	23.96 -0.22 0.00	24.45 -0.32 0.00	25.81 -1.27 0.00	30.49 -2.30 0.00	42.34 -3.01 -1.74	32.19 -2.70 -0.27	29.58 -1.79 0.00	26.00 -1.63 0.00	24.32 -1.44 0.00	22.55 -1.31 0.00	21.51 -1.08 0.00
NINE_MILE_1 23575	21.15 -0.34 0.00	19.96 -0.39 0.00	19.77 -0.38 0.00	19.70 -0.38 0.00	20.24 -0.44 0.00	21.76 -0.35 0.00	30.90 -0.79 0.00	34.83 -1.00 -0.04	28.32 -0.78 0.00	24.71 -0.61 0.00	23.38 -0.55 0.00	22.69 -0.53 0.00	23.07 -0.57 0.00	23.58 -0.60 0.00	24.13 -0.64 0.00	26.24 -0.84 0.00	31.67 -1.11 0.00	43.35 -1.31 -1.05	33.62 -1.18 -0.18	30.36 -1.00 0.00	26.74 -0.89 0.00	24.97 -0.80 0.00	23.24 -0.62 0.00	22.10 -0.50 0.00
NINE_MILE_2 23744	21.15 -0.34 0.00	19.96 -0.39 0.00	19.77 -0.38 0.00	19.70 -0.38 0.00	20.24 -0.44 0.00	21.76 -0.35 0.00	30.90 -0.79 0.00	34.83 -1.00 -0.04	28.32 -0.78 0.00	24.71 -0.61 0.00	23.38 -0.55 0.00	22.69 -0.53 0.00	23.07 -0.57 0.00	23.58 -0.60 0.00	24.13 -0.64 0.00	26.24 -0.84 0.00	31.67 -1.11 0.00	43.35 -1.31 -1.05	33.62 -1.18 -0.18	30.36 -1.00 0.00	26.74 -0.89 0.00	24.97 -0.80 0.00	23.24 -0.62 0.00	22.10 -0.50 0.00
NM_CAPITAL__DRP 24208	21.81 0.32 0.00	20.65 0.31 0.00	20.46 0.30 0.00	20.38 0.30 0.00	21.03 0.35 0.00	22.65 0.53 0.00	32.64 0.95 0.00	37.34 1.22 -0.33	30.01 0.90 0.00	25.91 0.58 0.00	24.50 0.57 0.00	23.78 0.56 0.00	24.25 0.61 0.00	24.86 0.68 0.00	25.44 0.67 0.00	27.95 0.87 0.00	33.90 1.11 0.00	53.51 1.53 -8.37	37.26 1.21 -1.43	32.34 0.97 0.00	28.49 0.86 0.00	26.51 0.75 0.00	24.58 0.72 0.00	23.18 0.59 0.00
NM_CENTRAL__DRP 24181	21.58 0.09 0.00	20.37 0.02 0.00	20.18 0.02 0.00	20.10 0.02 0.00	20.59 -0.08 0.00	22.27 0.15 0.00	31.66 -0.03 0.00	35.62 -0.21 -0.05	28.99 -0.12 0.00	25.40 0.08 0.00	24.00 0.07 0.00	23.27 0.05 0.00	23.66 0.02 0.00	24.18 0.00 0.00	24.70 -0.07 0.00	26.87 -0.22 0.00	32.36 -0.43 0.00	44.58 -0.31 -1.28	34.39 -0.45 -0.22	31.05 -0.31 0.00	27.41 -0.22 0.00	25.64 -0.13 0.00	23.77 -0.10 0.00	22.55 -0.05 0.00
NM_FRONTIER__DRP 24179	21.40 -0.09 0.00	19.96 -0.39 0.00	19.85 -0.30 0.00	19.72 -0.36 0.00	19.64 -1.03 0.00	22.03 -0.09 0.00	30.45 -1.24 0.00	33.82 -2.04 -0.07	27.97 -1.14 0.00	24.79 -0.53 0.00	23.47 -0.45 0.00	22.74 -0.49 0.00	23.09 -0.54 0.00	23.55 -0.63 0.00	23.93 -0.84 0.00	25.43 -1.65 0.00	30.03 -2.75 0.00	41.69 -3.66 -1.75	31.74 -3.15 -0.27	29.14 -2.23 0.00	25.86 -1.77 0.00	24.27 -1.49 0.00	22.27 -1.60 0.00	21.11 -1.49 0.00
NM_ST_REGIS__HYD 24053	21.00 -0.49 0.00	19.94 -0.41 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.41 -0.27 0.00	21.72 -0.40 0.00	31.31 -0.38 0.00	35.47 -0.32 -0.01	28.90 -0.20 0.00	25.09 -0.23 0.00	23.78 -0.14 0.00	23.11 -0.12 0.00	23.52 -0.12 0.00	24.11 -0.07 0.00	24.72 -0.05 0.00	27.00 -0.08 0.00	32.95 0.16 0.00	44.04 0.26 -0.18	34.89 0.24 -0.03	31.59 0.22 0.00	27.85 0.22 0.00	26.00 0.23 0.00	24.03 0.17 0.00	22.76 0.16 0.00
NORTHPORT__1 23551	30.42 1.29 -7.64	27.45 1.14 -5.96	25.49 1.09 -4.24	23.32 1.08 -2.16	26.81 1.12 -5.02	30.91 1.37 -7.42	35.34 2.57 -1.09	43.86 3.08 -4.99	34.37 2.47 -2.79	30.90 2.05 -3.53	31.17 1.89 -5.35	30.78 1.86 -5.69	30.57 1.84 -5.09	30.61 1.89 -4.54	31.84 1.91 -5.16	32.71 2.22 -3.40	60.53 2.65 -25.09	87.00 3.53 -39.86	51.13 2.67 -13.84	45.26 2.35 -11.54	35.97 2.04 -6.29	33.26 1.98 -5.51	31.79 1.69 -6.23	31.19 1.45 -7.15
NORTHPORT__2 23552	30.42 1.29 -7.64	27.45 1.14 -5.96	25.49 1.09 -4.24	23.32 1.08 -2.16	26.81 1.12 -5.02	30.91 1.37 -7.42	35.34 2.57 -1.09	43.86 3.08 -4.99	34.37 2.47 -2.79	30.90 2.05 -3.53	31.17 1.89 -5.35	30.78 1.86 -5.69	30.57 1.84 -5.09	30.61 1.89 -4.54	31.84 1.91 -5.16	32.71 2.22 -3.40	60.53 2.65 -25.09	87.00 3.53 -39.86	51.13 2.67 -13.84	45.26 2.35 -11.54	35.97 2.04 -6.29	33.26 1.98 -5.51	31.79 1.69 -6.23	31.19 1.45 -7.15

NORTHPORT___3 23553	30.68 1.55 -7.64	27.77 1.47 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.14 1.45 -5.02	31.13 1.59 -7.42	35.50 2.73 -1.09	44.04 3.26 -4.99	34.52 2.62 -2.79	31.21 2.36 -3.53	31.53 2.25 -5.35	31.17 2.25 -5.69	31.04 2.32 -5.09	31.04 2.32 -4.54	32.16 2.23 -5.16	33.06 2.57 -3.40	60.86 2.98 -25.09	87.52 4.06 -39.86	51.54 3.08 -13.84	45.64 2.73 -11.54	36.30 2.38 -6.29	33.51 2.24 -5.51	32.12 2.03 -6.23	31.53 1.78 -7.15
NORTHPORT___4 23650	30.68 1.55 -7.64	27.77 1.47 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.14 1.45 -5.02	31.13 1.59 -7.42	35.50 2.73 -1.09	44.04 3.26 -4.99	34.52 2.62 -2.79	31.21 2.36 -3.53	31.53 2.25 -5.35	31.17 2.25 -5.69	31.04 2.32 -5.09	31.04 2.32 -4.54	32.16 2.23 -5.16	33.06 2.57 -3.40	60.86 2.98 -25.09	87.52 4.06 -39.86	51.54 3.08 -13.84	45.64 2.73 -11.54	36.30 2.38 -6.29	33.51 2.24 -5.51	32.12 2.03 -6.23	31.53 1.78 -7.15
NORTHPORT___IC 23718	30.42 1.29 -7.64	27.45 1.14 -5.96	25.49 1.09 -4.24	23.32 1.08 -2.16	26.81 1.12 -5.02	30.91 1.37 -7.42	35.34 2.57 -1.09	43.86 3.08 -4.99	34.37 2.47 -2.79	30.90 2.05 -3.53	31.17 1.89 -5.35	30.78 1.86 -5.69	30.57 1.84 -5.09	30.61 1.89 -4.54	31.84 1.91 -5.16	32.71 2.22 -3.40	60.53 2.65 -25.09	87.00 3.53 -39.86	51.13 2.67 -13.84	45.26 2.35 -11.54	35.97 2.04 -6.29	33.26 1.98 -5.51	31.79 1.69 -6.23	31.19 1.45 -7.15
NORTH___COUNTRY_ESR 323785	20.33 -1.16 0.00	19.43 -0.92 0.00	19.31 -0.85 0.00	19.22 -0.86 0.00	19.95 -0.72 0.00	21.25 -0.86 0.00	30.67 -1.02 0.00	34.82 -0.96 0.00	28.55 -0.55 0.00	24.84 -0.48 0.00	23.64 -0.29 0.00	23.07 -0.16 0.00	23.54 -0.09 0.00	24.18 0.00 0.00	24.95 0.17 0.00	27.43 0.35 0.00	33.48 0.69 0.00	44.48 0.87 0.00	35.42 0.80 0.00	32.12 0.75 0.00	28.29 0.66 0.00	26.36 0.59 0.00	24.25 0.38 0.00	22.94 0.34 0.00
NPX_GEN_1385_PROXY 323591	29.86 0.73 -7.64	27.06 0.75 -5.96	25.16 0.77 -4.24	23.00 0.76 -2.16	26.29 0.60 -5.02	30.58 1.04 -7.42	35.28 2.50 -1.09	43.43 2.65 -4.99	33.96 2.07 -2.79	30.37 1.52 -3.53	28.49 1.15 -3.41	25.80 1.14 -1.44	26.87 1.13 -2.10	27.00 1.16 -1.66	27.36 1.16 -1.42	31.57 1.08 -3.40	54.19 1.38 -20.02	71.44 1.87 -25.96	52.60 1.45 -16.53	44.07 1.16 -11.54	35.00 1.08 -6.29	32.40 1.13 -5.51	31.19 1.10 -6.23	30.69 0.95 -7.15
NPX_GEN_CSC 323557	30.89 1.76 -7.64	27.73 1.42 -5.96	25.73 1.33 -4.24	23.56 1.32 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.20 3.42 -1.09	44.40 3.61 -4.99	34.72 2.82 -2.79	31.23 2.38 -3.53	31.44 2.15 -5.35	30.94 2.02 -5.69	30.71 1.99 -5.09	30.77 2.05 -4.54	32.06 2.13 -5.16	33.09 2.60 -3.40	61.29 3.41 -25.09	84.92 4.14 -37.17	54.23 3.08 -16.53	45.51 2.60 -11.54	36.24 2.32 -6.29	33.38 2.11 -5.51	31.86 1.77 -6.23	31.26 1.51 -7.15
NSINS_S_GLNS_FALLS 23858	22.78 1.29 0.00	21.51 1.16 0.00	21.28 1.13 0.00	21.20 1.12 0.00	22.04 1.36 0.00	23.82 1.70 0.00	34.51 2.82 0.00	39.35 3.22 -0.34	31.46 2.36 0.00	27.04 1.72 0.00	25.41 1.48 0.00	24.81 1.58 0.00	25.36 1.73 0.00	25.85 1.67 0.00	26.56 1.78 0.00	28.60 1.52 0.00	34.43 1.64 0.00	54.94 2.66 -8.67	38.08 1.97 -1.48	32.97 1.60 0.00	28.96 1.33 0.00	26.82 1.06 0.00	24.89 1.03 0.00	24.29 1.69 0.00
NUCOR_STEEL___DRP 24197	21.88 0.39 0.00	20.65 0.31 0.00	20.46 0.30 0.00	20.38 0.30 0.00	20.88 0.21 0.00	22.67 0.55 0.00	32.29 0.60 0.00	36.31 0.47 -0.06	29.34 0.23 0.00	25.63 0.30 0.00	24.22 0.29 0.00	23.46 0.23 0.00	23.85 0.21 0.00	24.35 0.17 0.00	24.92 0.15 0.00	27.33 0.24 0.00	32.99 0.20 0.00	45.69 0.57 -1.52	35.05 0.17 -0.26	31.68 0.31 0.00	27.91 0.28 0.00	26.07 0.31 0.00	24.13 0.26 0.00	22.85 0.25 0.00
NUMBER_THREE_WT_PWR 323818	21.64 0.15 0.00	20.49 0.14 0.00	20.26 0.10 0.00	20.20 0.12 0.00	20.80 0.12 0.00	22.36 0.24 0.00	32.29 0.60 0.00	36.38 0.57 -0.02	29.54 0.44 0.00	25.68 0.35 0.00	24.24 0.31 0.00	23.46 0.23 0.00	23.85 0.21 0.00	24.45 0.27 0.00	25.09 0.32 0.00	27.41 0.33 0.00	33.38 0.59 0.00	45.18 1.09 -0.48	35.43 0.73 -0.08	32.06 0.69 0.00	28.21 0.58 0.00	26.15 0.39 0.00	24.22 0.36 0.00	22.94 0.34 0.00
NYISO_LBMP_REFERENCE 24008	21.49 0.00 0.00	20.35 0.00 0.00	20.16 0.00 0.00	20.08 0.00 0.00	20.67 0.00 0.00	22.12 0.00 0.00	31.69 0.00 0.00	35.79 0.00 0.00	29.10 0.00 0.00	25.32 0.00 0.00	23.93 0.00 0.00	23.23 0.00 0.00	23.63 0.00 0.00	24.18 0.00 0.00	24.77 0.00 0.00	27.08 0.00 0.00	32.79 0.00 0.00	43.61 0.00 0.00	34.62 0.00 0.00	31.37 0.00 0.00	27.63 0.00 0.00	25.77 0.00 0.00	23.87 0.00 0.00	22.60 0.00 0.00
NYPA_BRENTWD___GT 24164	30.74 1.61 -7.64	27.71 1.40 -5.96	25.75 1.35 -4.24	23.56 1.32 -2.16	27.08 1.39 -5.02	31.24 1.70 -7.42	35.91 3.14 -1.09	44.54 3.76 -4.99	34.89 3.00 -2.79	31.31 2.46 -3.53	31.53 2.25 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.25 2.76 -3.40	61.26 3.38 -25.09	88.00 4.53 -39.86	51.92 3.46 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.80 2.53 -5.51	32.17 2.08 -6.23	31.53 1.78 -7.15
NYPA_GOWANUS___GT5 24156	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NYPA_GOWANUS___GT6 24157	22.97 1.48 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	21.94 1.26 0.00	23.49 1.37 0.00	34.32 2.63 0.00	38.99 2.94 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.24 2.05 0.00	26.83 2.06 0.00	29.49 2.41 0.00	35.71 2.92 0.00	54.18 3.84 -6.74	38.68 2.91 -1.15	34.07 2.70 0.00	29.95 2.32 0.00	27.95 2.19 0.00	25.87 2.00 0.00	24.30 1.70 -0.01
NYPA_HARLEM__RVR__GT1 24160	22.93 1.44 0.00	21.64 1.28 -0.01	21.35 1.19 -0.01	21.25 1.16 -0.01	21.92 1.24 -0.01	23.31 1.19 0.00	33.84 2.16 0.01	38.66 2.61 -0.26	31.31 2.21 0.01	27.29 1.98 0.01	25.69 1.77 0.01	25.05 1.83 0.01	25.45 1.82 0.01	25.99 1.81 0.01	26.57 1.81 0.01	29.19 2.11 0.01	35.34 2.56 0.01	53.69 3.36 -6.73	38.29 2.53 -1.14	33.65 2.29 0.01	29.61 1.99 0.01	27.67 1.91 0.00	25.61 1.74 0.00	24.11 1.51 0.00
NYPA_HARLEM__RVR__GT2 24161	22.93 1.44 0.00	21.64 1.28 -0.01	21.35 1.19 -0.01	21.25 1.16 -0.01	21.92 1.24 -0.01	23.31 1.19 0.00	33.84 2.16 0.01	38.66 2.61 -0.26	31.31 2.21 0.01	27.29 1.98 0.01	25.69 1.77 0.01	25.05 1.83 0.01	25.45 1.82 0.01	25.99 1.81 0.01	26.57 1.81 0.01	29.19 2.11 0.01	35.34 2.56 0.01	53.69 3.36 -6.73	38.29 2.53 -1.14	33.65 2.29 0.01	29.61 1.99 0.01	27.67 1.91 0.00	25.61 1.74 0.00	24.11 1.51 0.00

NYPA_KENT____GT 24152	22.89 1.40 0.00	21.59 1.24 0.00	21.28 1.13 0.00	21.18 1.10 0.00	21.85 1.18 0.00	23.44 1.33 0.00	34.23 2.54 0.00	38.95 2.90 -0.27	31.58 2.47 0.00	27.55 2.23 0.00	25.91 1.98 0.00	25.25 2.02 0.00	25.64 2.01 0.00	26.19 2.01 0.00	26.78 2.01 0.00	29.44 2.36 0.00	35.64 2.85 0.00	54.09 3.75 -6.74	38.61 2.84 -1.15	33.97 2.60 0.00	29.87 2.24 0.00	27.88 2.11 0.00	25.78 1.91 0.00	24.21 1.60 -0.01
NYPA_POUCH1____GT 24155	23.02 1.53 0.00	21.69 1.34 0.00	21.39 1.23 0.00	21.28 1.20 0.00	21.96 1.28 0.00	23.53 1.42 0.00	34.35 2.66 0.00	39.02 2.97 -0.27	31.69 2.59 0.00	27.63 2.30 0.00	25.99 2.06 0.00	25.34 2.11 0.00	25.71 2.08 0.00	26.28 2.10 0.00	26.85 2.08 0.00	29.52 2.44 0.00	35.74 2.95 0.00	54.22 3.88 -6.74	38.71 2.94 -1.15	34.13 2.76 0.00	29.98 2.35 0.00	28.01 2.24 0.00	25.89 2.03 0.00	24.32 1.72 -0.01
NYPA_VERNON____GT2 24162	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.38 1.26 0.00	34.13 2.44 0.00	38.95 2.90 -0.27	31.52 2.41 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.73 1.96 0.00	29.36 2.28 0.00	35.57 2.79 0.00	54.01 3.66 -6.74	38.54 2.77 -1.15	33.88 2.51 0.00	29.79 2.16 0.00	27.80 2.04 0.00	25.68 1.81 0.00	24.11 1.51 0.00
NYPA_VERNON____GT3 24163	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.38 1.26 0.00	34.13 2.44 0.00	38.95 2.90 -0.27	31.52 2.41 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.73 1.96 0.00	29.36 2.28 0.00	35.57 2.79 0.00	54.01 3.66 -6.74	38.54 2.77 -1.15	33.88 2.51 0.00	29.79 2.16 0.00	27.80 2.04 0.00	25.68 1.81 0.00	24.11 1.51 0.00
NYPA____ASTORIA_CC1 323568	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.35 1.24 0.00	34.10 2.41 0.00	38.88 2.83 -0.27	31.49 2.39 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.12 1.94 0.00	26.71 1.93 0.00	29.33 2.25 0.00	35.54 2.75 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.82 2.45 0.00	29.73 2.10 0.00	27.75 1.98 0.00	25.66 1.79 0.00	24.09 1.49 0.00
NYPA____ASTORIA_CC2 323569	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.35 1.24 0.00	34.10 2.41 0.00	38.88 2.83 -0.27	31.49 2.39 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.12 1.94 0.00	26.71 1.93 0.00	29.33 2.25 0.00	35.54 2.75 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.82 2.45 0.00	29.73 2.10 0.00	27.75 1.98 0.00	25.66 1.79 0.00	24.09 1.49 0.00
NYPA____HOLTSVILL 23794	30.72 1.59 -7.64	27.67 1.36 -5.96	25.69 1.29 -4.24	23.52 1.29 -2.16	27.03 1.34 -5.02	31.20 1.66 -7.42	35.91 3.14 -1.09	44.43 3.65 -4.99	34.78 2.88 -2.79	31.21 2.36 -3.53	31.44 2.15 -5.35	31.01 2.09 -5.69	30.80 2.08 -5.09	30.85 2.13 -4.54	32.11 2.18 -5.16	33.17 2.68 -3.40	61.23 3.35 -25.09	87.83 4.36 -39.86	51.75 3.29 -13.84	45.79 2.88 -11.54	36.44 2.51 -6.29	33.64 2.37 -5.51	32.03 1.93 -6.23	31.39 1.65 -7.15
NYPA____HELLGATE_GT1 24158	22.93 1.44 0.00	21.64 1.28 -0.01	21.35 1.19 -0.01	21.25 1.16 -0.01	21.92 1.24 -0.01	23.31 1.19 0.00	33.84 2.16 0.01	38.66 2.61 -0.26	31.31 2.21 0.01	27.29 1.98 0.01	25.69 1.77 0.01	25.05 1.83 0.01	25.45 1.82 0.01	25.99 1.81 0.01	26.57 1.81 0.01	29.19 2.11 0.01	35.34 2.56 0.01	53.69 3.36 -6.73	38.29 2.53 -1.14	33.65 2.29 0.01	29.61 1.99 0.01	27.67 1.91 0.00	25.61 1.74 0.00	24.11 1.51 0.00
NYPA____HELLGATE_GT2 24159	22.93 1.44 0.00	21.64 1.28 -0.01	21.35 1.19 -0.01	21.25 1.16 -0.01	21.92 1.24 -0.01	23.31 1.19 0.00	33.84 2.16 0.01	38.66 2.61 -0.26	31.31 2.21 0.01	27.29 1.98 0.01	25.69 1.77 0.01	25.05 1.83 0.01	25.45 1.82 0.01	25.99 1.81 0.01	26.57 1.81 0.01	29.19 2.11 0.01	35.34 2.56 0.01	53.69 3.36 -6.73	38.29 2.53 -1.14	33.65 2.29 0.01	29.61 1.99 0.01	27.67 1.91 0.00	25.61 1.74 0.00	24.11 1.51 0.00
NYS_BARGE____HYD 23848	22.00 0.51 0.00	20.51 0.16 0.00	20.42 0.26 0.00	20.26 0.18 0.00	20.45 -0.23 0.00	22.65 0.53 0.00	31.53 -0.16 0.00	35.57 -0.29 -0.07	29.22 0.12 0.00	25.78 0.46 0.00	24.41 0.48 0.00	23.53 0.30 0.00	23.92 0.28 0.00	24.35 0.17 0.00	24.87 0.10 0.00	26.24 -0.84 0.00	31.02 -1.77 0.00	43.06 -2.27 -1.73	32.71 -2.18 -0.27	30.08 -1.29 0.00	26.42 -1.22 0.00	24.68 -1.08 0.00	22.84 -1.03 0.00	21.81 -0.79 0.00
OAK_ORCHARD____HYD 24046	21.96 0.47 0.00	20.53 0.18 0.00	20.40 0.24 0.00	20.26 0.18 0.00	20.61 -0.06 0.00	22.60 0.49 0.00	31.82 0.13 0.00	36.03 0.18 -0.06	29.48 0.38 0.00	25.80 0.48 0.00	24.45 0.53 0.00	23.65 0.42 0.00	24.04 0.40 0.00	24.47 0.29 0.00	25.00 0.22 0.00	26.81 -0.27 0.00	32.04 -0.75 0.00	44.71 -0.48 -1.58	34.13 -0.76 -0.27	30.93 -0.44 0.00	27.16 -0.47 0.00	25.35 -0.41 0.00	23.41 -0.45 0.00	22.30 -0.29 0.00
OAKDALE__35_KV_LOAD 356122	22.05 0.56 0.00	20.80 0.45 0.00	20.62 0.46 0.00	20.52 0.44 0.00	20.96 0.29 0.00	22.80 0.69 0.00	32.54 0.86 0.00	36.47 0.57 -0.11	29.83 0.73 0.00	26.13 0.81 0.00	24.67 0.74 0.00	23.90 0.67 0.00	24.30 0.66 0.00	24.81 0.63 0.00	25.34 0.57 0.00	27.49 0.41 0.00	33.08 0.30 0.00	46.83 0.39 -2.83	35.17 0.07 -0.48	31.71 0.35 0.00	27.99 0.36 0.00	26.15 0.39 0.00	24.13 0.26 0.00	22.85 0.25 0.00
OCC_CHEM____DRP 24175	21.47 -0.02 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.70 -0.97 0.00	22.09 -0.02 0.00	30.55 -1.14 0.00	33.93 -1.93 -0.07	28.06 -1.05 0.00	24.87 -0.46 0.00	23.55 -0.38 0.00	22.79 -0.44 0.00	23.16 -0.47 0.00	23.63 -0.56 0.00	24.01 -0.77 0.00	25.51 -1.57 0.00	30.13 -2.66 0.00	41.78 -3.58 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.92 -1.71 0.00	24.32 -1.44 0.00	22.31 -1.55 0.00	21.15 -1.45 0.00
OH_GEN_PROXY 24063	21.75 0.26 0.00	20.27 -0.08 0.00	20.16 0.00 0.00	20.02 -0.06 0.00	20.22 -0.45 0.00	22.34 0.22 0.00	31.09 -0.60 0.00	35.07 -0.79 -0.07	28.76 -0.35 0.00	25.40 0.08 0.00	24.05 0.12 0.00	23.20 -0.02 0.00	23.59 -0.05 0.00	24.01 -0.17 0.00	24.50 -0.27 0.00	25.89 -1.19 0.00	30.59 -2.20 0.00	39.77 -2.88 0.95	35.00 -2.60 -2.98	29.64 -1.73 0.00	26.06 -1.57 0.00	24.37 -1.39 0.00	22.60 -1.27 0.00	21.56 -1.04 0.00
OLIN_CORP_DRP 24177	21.70 0.21 0.00	20.25 -0.10 0.00	20.14 -0.02 0.00	19.98 -0.10 0.00	19.93 -0.74 0.00	22.34 0.22 0.00	30.93 -0.76 0.00	34.28 -1.57 -0.07	28.40 -0.70 0.00	25.17 -0.15 0.00	23.83 -0.10 0.00	23.06 -0.16 0.00	23.42 -0.21 0.00	23.89 -0.29 0.00	24.25 -0.52 0.00	25.81 -1.27 0.00	30.53 -2.26 0.00	42.27 -3.10 -1.76	32.16 -2.73 -0.27	29.58 -1.79 0.00	26.25 -1.38 0.00	24.61 -1.16 0.00	22.58 -1.29 0.00	21.40 -1.20 0.00

OLIN_CORP_DSASP 323712	21.49 0.00 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.97 -0.70 0.00	22.09 -0.02 0.00	30.67 -1.02 0.00	34.57 -1.29 -0.07	28.38 -0.73 0.00	25.04 -0.28 0.00	23.74 -0.19 0.00	22.90 -0.33 0.00	23.28 -0.35 0.00	23.70 -0.48 0.00	24.18 -0.59 0.00	25.51 -1.57 0.00	30.10 -2.69 0.00	41.86 -3.49 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.70 -1.93 0.00	24.01 -1.75 0.00	22.27 -1.60 0.00	21.24 -1.36 0.00
ONEIDA_HERK_LFGE 323681	21.90 0.41 0.00	20.73 0.39 0.00	20.50 0.34 0.00	20.44 0.36 0.00	21.03 0.35 0.00	22.60 0.49 0.00	32.61 0.92 0.00	36.70 0.90 -0.02	29.83 0.73 0.00	25.98 0.66 0.00	24.55 0.62 0.00	23.78 0.56 0.00	24.18 0.54 0.00	24.79 0.60 0.00	25.42 0.64 0.00	27.71 0.62 0.00	33.64 0.85 0.00	45.39 1.35 -0.43	35.59 0.90 -0.07	32.24 0.88 0.00	28.35 0.72 0.00	26.31 0.54 0.00	24.41 0.55 0.00	23.12 0.52 0.00
ONEIDA___115KV_TB4 55905	22.18 0.69 0.00	20.98 0.63 0.00	20.74 0.58 0.00	20.68 0.60 0.00	21.25 0.58 0.00	22.93 0.82 0.00	32.96 1.27 0.00	37.04 1.22 -0.03	30.12 1.02 0.00	26.31 0.99 0.00	24.86 0.93 0.00	24.06 0.84 0.00	24.49 0.85 0.00	25.05 0.87 0.00	25.57 0.79 0.00	27.95 0.87 0.00	33.90 1.11 0.00	46.04 1.66 -0.78	35.86 1.11 -0.13	32.43 1.07 0.00	28.54 0.91 0.00	26.62 0.85 0.00	24.61 0.74 0.00	23.30 0.70 0.00
ONONDAGA_REF_OCCRA 23987	21.66 0.17 0.00	20.45 0.10 0.00	20.26 0.10 0.00	20.16 0.08 0.00	20.67 0.00 0.00	22.38 0.27 0.00	31.88 0.19 0.00	35.85 0.00 -0.06	29.19 0.09 0.00	25.55 0.23 0.00	24.14 0.22 0.00	23.41 0.19 0.00	23.80 0.17 0.00	24.30 0.12 0.00	24.82 0.05 0.00	27.03 -0.05 0.00	32.59 -0.20 0.00	45.03 0.00 -1.43	34.66 -0.21 -0.24	31.27 -0.09 0.00	27.60 -0.03 0.00	25.79 0.03 0.00	23.89 0.02 0.00	22.64 0.05 0.00
ONONDAGA___COGEN 23986	21.68 0.19 0.00	20.47 0.12 0.00	20.28 0.12 0.00	20.20 0.12 0.00	20.72 0.04 0.00	22.43 0.31 0.00	31.91 0.22 0.00	35.88 0.04 -0.05	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.03 -0.05 0.00	32.63 -0.16 0.00	45.03 0.04 -1.38	34.68 -0.17 -0.24	31.30 -0.06 0.00	27.60 -0.03 0.00	25.79 0.03 0.00	23.91 0.05 0.00	22.66 0.07 0.00
ONTARIO___LFGE 23819	22.13 0.64 0.00	20.80 0.45 0.00	20.64 0.48 0.00	20.54 0.46 0.00	21.00 0.33 0.00	23.00 0.89 0.00	32.83 1.14 0.00	36.82 0.97 -0.07	30.15 1.05 0.00	26.44 1.11 0.00	24.98 1.05 0.00	24.13 0.90 0.00	24.51 0.87 0.00	25.00 0.82 0.00	25.57 0.79 0.00	27.49 0.41 0.00	32.89 0.10 0.00	45.91 0.61 -1.69	35.01 0.10 -0.29	31.87 0.50 0.00	27.96 0.33 0.00	26.02 0.26 0.00	24.06 0.19 0.00	22.82 0.23 0.00
ORANGEVILLE_WT_PWR 323706	22.24 0.75 0.00	20.80 0.45 0.00	20.68 0.52 0.00	20.54 0.46 0.00	20.82 0.15 0.00	22.98 0.86 0.00	32.32 0.63 0.00	36.44 0.57 -0.08	29.86 0.76 0.00	26.31 0.99 0.00	24.89 0.96 0.00	24.02 0.79 0.00	24.39 0.76 0.00	24.83 0.65 0.00	25.37 0.59 0.00	26.89 -0.19 0.00	31.94 -0.85 0.00	44.24 -1.31 -1.94	33.41 -1.52 -0.31	30.74 -0.63 0.00	27.00 -0.63 0.00	25.20 -0.57 0.00	23.27 -0.60 0.00	22.12 -0.48 0.00
ORANGEVILLE___ESR 323794	22.24 0.75 0.00	20.80 0.45 0.00	20.68 0.52 0.00	20.54 0.46 0.00	20.82 0.15 0.00	22.98 0.86 0.00	32.32 0.63 0.00	36.44 0.57 -0.08	29.86 0.76 0.00	26.31 0.99 0.00	24.89 0.96 0.00	24.02 0.79 0.00	24.39 0.76 0.00	24.83 0.65 0.00	25.37 0.59 0.00	26.89 -0.19 0.00	31.94 -0.85 0.00	44.24 -1.31 -1.94	33.41 -1.52 -0.31	30.74 -0.63 0.00	27.00 -0.63 0.00	25.20 -0.57 0.00	23.27 -0.60 0.00	22.12 -0.48 0.00
OSWEGATCHIE___HYD 24044	21.17 -0.32 0.00	20.11 -0.24 0.00	19.89 -0.26 0.00	19.84 -0.24 0.00	20.47 -0.21 0.00	21.87 -0.24 0.00	31.59 -0.09 0.00	35.70 -0.11 -0.01	29.02 -0.09 0.00	25.15 -0.18 0.00	23.79 -0.14 0.00	23.04 -0.19 0.00	23.44 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.92 -0.16 0.00	32.82 0.03 0.00	44.18 0.22 -0.35	34.82 0.14 -0.06	31.52 0.16 0.00	27.74 0.11 0.00	25.82 0.05 0.00	23.89 0.02 0.00	22.60 0.00 0.00
OSWEGO___5 23606	21.30 -0.19 0.00	20.11 -0.24 0.00	19.91 -0.24 0.00	19.84 -0.24 0.00	20.37 -0.31 0.00	21.94 -0.18 0.00	31.18 -0.51 0.00	35.19 -0.64 -0.04	28.58 -0.52 0.00	24.97 -0.35 0.00	23.62 -0.31 0.00	22.90 -0.33 0.00	23.28 -0.35 0.00	23.79 -0.39 0.00	24.35 -0.42 0.00	26.49 -0.60 0.00	31.97 -0.82 0.00	43.81 -0.92 -1.12	33.95 -0.86 -0.19	30.65 -0.72 0.00	27.00 -0.63 0.00	25.20 -0.57 0.00	23.44 -0.43 0.00	22.26 -0.34 0.00
OSWEGO___6 23613	21.30 -0.19 0.00	20.11 -0.24 0.00	19.91 -0.24 0.00	19.84 -0.24 0.00	20.37 -0.31 0.00	21.94 -0.18 0.00	31.18 -0.51 0.00	35.19 -0.64 -0.04	28.58 -0.52 0.00	24.97 -0.35 0.00	23.62 -0.31 0.00	22.90 -0.33 0.00	23.28 -0.35 0.00	23.79 -0.39 0.00	24.35 -0.42 0.00	26.49 -0.60 0.00	31.97 -0.82 0.00	43.81 -0.92 -1.12	33.95 -0.86 -0.19	30.65 -0.72 0.00	27.00 -0.63 0.00	25.20 -0.57 0.00	23.44 -0.43 0.00	22.26 -0.34 0.00
OUTOKUMPU-AB___DRP 24206	22.13 0.64 0.00	20.65 0.31 0.00	20.56 0.40 0.00	20.40 0.32 0.00	20.34 -0.33 0.00	22.78 0.66 0.00	31.66 -0.03 0.00	34.96 -0.89 -0.07	29.07 -0.03 0.00	25.78 0.46 0.00	24.41 0.48 0.00	23.62 0.39 0.00	24.01 0.38 0.00	24.47 0.29 0.00	24.85 0.07 0.00	26.43 -0.65 0.00	31.31 -1.48 0.00	43.23 -2.14 -1.76	32.89 -2.01 -0.28	30.27 -1.10 0.00	26.83 -0.80 0.00	25.17 -0.59 0.00	23.05 -0.81 0.00	21.81 -0.79 0.00
OXBOW___ 24026	21.88 0.39 0.00	20.39 0.04 0.00	20.30 0.14 0.00	20.14 0.06 0.00	20.32 -0.35 0.00	22.49 0.38 0.00	31.31 -0.38 0.00	35.28 -0.57 -0.07	28.99 -0.12 0.00	25.60 0.28 0.00	24.26 0.33 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.21 0.02 0.00	24.72 -0.05 0.00	26.05 -1.03 0.00	30.79 -2.00 0.00	42.75 -2.62 -1.76	32.47 -2.42 -0.27	29.83 -1.54 0.00	26.22 -1.41 0.00	24.50 -1.26 0.00	22.70 -1.17 0.00	21.65 -0.95 0.00
OXY_CHEM_DSASP 323612	21.47 -0.02 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.70 -0.97 0.00	22.09 -0.02 0.00	30.55 -1.14 0.00	33.93 -1.93 -0.07	28.06 -1.05 0.00	24.87 -0.46 0.00	23.55 -0.38 0.00	22.79 -0.44 0.00	23.16 -0.47 0.00	23.63 -0.56 0.00	24.01 -0.77 0.00	25.51 -1.57 0.00	30.13 -2.66 0.00	41.78 -3.58 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.92 -1.71 0.00	24.32 -1.44 0.00	22.31 -1.55 0.00	21.15 -1.45 0.00
OZONE_PARK_ESR 323760	22.74 1.25 0.00	21.55 1.20 0.00	21.24 1.09 0.00	21.16 1.08 0.00	21.87 1.20 0.00	23.51 1.39 0.00	34.26 2.57 0.00	39.28 3.22 -0.27	31.87 2.76 0.00	27.75 2.43 0.00	26.11 2.18 0.00	25.41 2.18 0.00	25.81 2.17 0.00	26.33 2.15 0.00	27.00 2.23 0.00	29.63 2.55 0.00	35.87 3.08 0.00	54.44 4.10 -6.73	38.92 3.15 -1.15	34.19 2.82 0.00	30.06 2.43 0.00	28.01 2.24 0.00	25.85 1.98 0.00	24.25 1.65 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.47 -0.02 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.70 -0.97 0.00	22.09 -0.02 0.00	30.55 -1.14 0.00	33.93 -1.93 -0.07	28.06 -1.05 0.00	24.87 -0.46 0.00	23.55 -0.38 0.00	22.79 -0.44 0.00	23.16 -0.47 0.00	23.63 -0.56 0.00	24.01 -0.77 0.00	25.51 -1.57 0.00	30.13 -2.66 0.00	41.78 -3.58 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.92 -1.71 0.00	24.32 -1.44 0.00	22.31 -1.55 0.00	21.15 -1.45 0.00
PACKARD__115KV_DUPONT_184 80571	21.47 -0.02 0.00	20.02 -0.33 0.00	19.91 -0.24 0.00	19.78 -0.30 0.00	19.70 -0.97 0.00	22.09 -0.02 0.00	30.55 -1.14 0.00	33.93 -1.93 -0.07	28.06 -1.05 0.00	24.87 -0.46 0.00	23.55 -0.38 0.00	22.79 -0.44 0.00	23.16 -0.47 0.00	23.63 -0.56 0.00	24.01 -0.77 0.00	25.51 -1.57 0.00	30.13 -2.66 0.00	41.78 -3.58 -1.75	31.81 -3.08 -0.27	29.23 -2.13 0.00	25.92 -1.71 0.00	24.32 -1.44 0.00	22.31 -1.55 0.00	21.15 -1.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.82 1.33 0.00	21.61 1.26 0.00	21.32 1.17 0.00	21.22 1.14 0.00	21.96 1.28 0.00	23.33 1.22 0.00	33.72 2.03 0.00	38.70 2.65 -0.27	31.37 2.27 0.00	27.32 2.00 0.00	25.72 1.79 0.00	25.06 1.83 0.00	25.43 1.80 0.00	25.95 1.77 0.00	26.61 1.83 0.00	29.20 2.11 0.00	35.35 2.56 0.00	53.74 3.40 -6.74	38.33 2.56 -1.15	33.69 2.32 0.00	29.59 1.96 0.00	27.62 1.86 0.00	25.63 1.77 0.00	24.13 1.54 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.02 1.53 0.00	21.81 1.47 0.00	21.53 1.37 0.00	21.43 1.35 0.00	22.14 1.47 0.00	23.53 1.42 0.00	34.03 2.34 0.00	38.88 2.83 -0.27	31.49 2.39 0.00	27.58 2.25 0.00	25.94 2.01 0.00	25.27 2.04 0.00	25.64 2.01 0.00	26.16 1.98 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.81 2.45 0.00	29.70 2.07 0.00	27.83 2.06 0.00	25.85 1.98 0.00	24.34 1.74 0.00
PATROON__115KV_TB1 80586	21.90 0.41 0.00	20.72 0.37 0.00	20.52 0.36 0.00	20.46 0.38 0.00	21.11 0.43 0.00	22.74 0.62 0.00	32.80 1.11 0.00	37.56 1.43 -0.34	30.15 1.05 0.00	26.03 0.71 0.00	24.62 0.69 0.00	23.90 0.67 0.00	24.37 0.73 0.00	24.98 0.80 0.00	25.57 0.79 0.00	28.08 1.00 0.00	34.07 1.28 0.00	53.86 1.79 -8.46	37.45 1.38 -1.45	32.53 1.16 0.00	28.60 0.97 0.00	26.64 0.88 0.00	24.68 0.81 0.00	23.27 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.46 0.97 0.00	21.00 0.65 0.00	20.90 0.75 0.00	20.76 0.68 0.00	20.74 0.06 0.00	23.13 1.02 0.00	32.35 0.67 0.00	34.93 -0.93 -0.07	29.69 0.58 0.00	26.31 0.99 0.00	24.89 0.96 0.00	24.06 0.84 0.00	24.44 0.80 0.00	24.91 0.73 0.00	25.32 0.55 0.00	26.97 -0.11 0.00	31.97 -0.82 0.00	43.26 -2.18 -1.83	32.76 -2.15 -0.29	30.77 -0.60 0.00	27.33 -0.30 0.00	25.64 -0.13 0.00	23.44 -0.43 0.00	22.21 -0.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.59 1.10 0.00	21.37 1.02 0.00	21.12 0.97 0.00	21.04 0.96 0.00	21.81 1.14 0.00	23.44 1.33 0.00	34.13 2.44 0.00	39.07 3.01 -0.27	31.40 2.30 0.00	27.27 1.95 0.00	25.67 1.75 0.00	24.90 1.67 0.00	25.36 1.73 0.00	25.95 1.77 0.00	26.63 1.86 0.00	29.30 2.22 0.00	35.35 2.56 0.00	54.18 3.75 -6.83	38.63 2.84 -1.17	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.49 1.62 0.00	23.95 1.36 0.00
PEEKSKILL____ 23653	22.50 1.01 0.00	21.24 0.89 0.00	20.98 0.83 0.00	20.90 0.82 0.00	21.56 0.89 0.00	23.20 1.08 0.00	33.84 2.16 0.00	38.63 2.58 -0.26	31.14 2.04 0.00	27.09 1.77 0.00	25.53 1.60 0.00	24.81 1.58 0.00	25.24 1.61 0.00	25.80 1.62 0.00	26.43 1.66 0.00	29.01 1.92 0.00	35.08 2.29 0.00	53.49 3.23 -6.66	38.15 2.39 -1.14	33.44 2.07 0.00	29.43 1.79 0.00	27.47 1.70 0.00	25.32 1.46 0.00	23.79 1.20 0.00
PGE MADISON____WINDPWR 24146	23.34 1.85 0.00	22.04 1.69 0.00	21.75 1.59 0.00	21.75 1.67 0.00	22.27 1.59 0.00	24.28 2.17 0.00	35.36 3.67 0.00	39.90 4.01 -0.11	31.34 2.24 0.00	27.27 1.95 0.00	25.72 1.80 0.00	24.85 1.63 0.00	25.26 1.63 0.00	25.87 1.69 0.00	26.61 1.83 0.00	28.87 1.79 0.00	36.36 3.57 0.00	51.61 5.32 -2.69	38.71 3.63 -0.46	34.97 3.61 0.00	30.70 3.07 0.00	28.29 2.53 0.00	26.13 2.27 0.00	24.65 2.06 0.00
PIERCEFIELD____HYD 23852	21.10 -0.39 0.00	20.06 -0.28 0.00	19.89 -0.26 0.00	19.82 -0.26 0.00	20.49 -0.19 0.00	21.78 -0.33 0.00	31.37 -0.32 0.00	35.51 -0.29 -0.01	28.87 -0.23 0.00	25.07 -0.25 0.00	23.74 -0.19 0.00	23.04 -0.19 0.00	23.47 -0.17 0.00	24.01 -0.17 0.00	24.60 -0.17 0.00	26.84 -0.24 0.00	32.72 -0.07 0.00	43.71 -0.09 -0.19	34.65 0.00 -0.03	31.37 0.00 0.00	27.63 0.00 0.00	25.82 0.05 0.00	23.91 0.05 0.00	22.64 0.05 0.00
PINELAWN_CC_I 323563	30.70 1.57 -7.64	27.69 1.38 -5.96	25.71 1.31 -4.24	23.54 1.30 -2.16	27.05 1.36 -5.02	31.20 1.66 -7.42	35.82 3.04 -1.09	44.47 3.69 -4.99	34.83 2.94 -2.79	31.28 2.43 -3.53	31.51 2.23 -5.35	31.10 2.18 -5.69	30.92 2.20 -5.09	30.94 2.22 -4.54	32.23 2.30 -5.16	33.22 2.73 -3.40	61.19 3.31 -25.09	87.96 4.49 -39.86	51.89 3.43 -13.84	45.95 3.04 -11.54	36.58 2.65 -6.29	33.80 2.53 -5.51	32.17 2.08 -6.23	31.51 1.76 -7.15
PJM_GEN_HTP_PROXY 323702	22.67 1.18 0.00	21.39 1.04 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.67 0.99 0.00	23.35 1.24 0.00	34.16 2.47 0.00	38.99 2.94 -0.27	31.49 2.39 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.15 1.93 0.00	25.55 1.91 0.00	26.12 1.94 0.00	26.71 1.93 0.00	29.33 2.25 0.00	35.51 2.72 0.00	51.27 3.62 -4.05	41.19 2.73 -3.84	33.82 2.45 0.00	29.73 2.10 0.00	27.75 1.98 0.00	25.58 1.72 0.00	24.00 1.40 0.00
PJM_GEN_KEystone 24065	22.24 0.75 0.00	20.92 0.57 0.00	20.72 0.56 0.00	20.62 0.54 0.00	21.07 0.39 0.00	22.89 0.77 0.00	32.86 1.17 0.00	37.25 1.29 -0.18	30.24 1.13 0.00	26.51 1.19 0.00	25.01 1.08 0.00	24.22 1.00 0.00	24.65 1.02 0.00	25.15 0.97 0.00	25.71 0.94 0.00	27.76 0.68 0.00	33.31 0.52 0.00	45.98 0.66 -1.72	38.30 0.24 -3.44	31.87 0.50 0.00	28.05 0.42 0.00	26.23 0.46 0.00	24.22 0.36 0.00	22.89 0.29 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.57 1.44 -7.64	27.59 1.28 -5.96	25.61 1.21 -4.24	23.44 1.20 -2.16	26.95 1.26 -5.02	31.06 1.52 -7.42	35.56 2.79 -1.09	44.15 3.36 -4.99	34.60 2.71 -2.79	31.15 2.30 -3.53	31.39 2.11 -5.35	31.01 2.09 -5.69	30.83 2.10 -5.09	30.85 2.13 -4.54	32.08 2.15 -5.16	33.00 2.52 -3.40	60.89 3.01 -25.09	84.87 4.10 -37.17	54.27 3.12 -16.53	45.67 2.76 -11.54	36.33 2.40 -6.29	33.56 2.29 -5.51	32.03 1.93 -6.23	31.37 1.63 -7.15
PJM_GEN_VFT_PROXY 323633	22.63 1.14 0.00	21.35 1.00 0.00	21.06 0.91 0.00	20.96 0.88 0.00	21.63 0.95 0.00	23.29 1.17 0.00	34.07 2.38 0.00	38.88 2.83 -0.27	31.46 2.36 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.55 1.91 0.00	26.09 1.91 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	51.18 3.53 -4.05	41.13 2.67 -3.84	33.75 2.38 0.00	29.70 2.07 0.00	27.72 1.96 0.00	25.54 1.67 0.00	23.95 1.36 0.00

PLATSBRG_115KV_PMLD1 355749	20.59 -0.90 0.00	19.62 -0.73 0.00	19.51 -0.64 0.00	19.40 -0.68 0.00	20.16 -0.52 0.00	21.54 -0.58 0.00	31.12 -0.57 0.00	35.39 -0.39 0.00	28.99 -0.12 0.00	25.20 -0.13 0.00	24.00 0.07 0.00	23.39 0.16 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.42 0.64 0.00	27.87 0.79 0.00	34.03 1.25 0.00	45.35 1.74 0.00	36.00 1.38 0.00	32.68 1.32 0.00	28.82 1.19 0.00	26.77 1.00 0.00	24.63 0.76 0.00	23.32 0.72 0.00
PLEASANTVLY___LBMP 24000	22.33 0.84 0.00	21.14 0.79 0.00	20.90 0.75 0.00	20.82 0.74 0.00	21.52 0.85 0.00	23.13 1.02 0.00	33.56 1.87 0.00	38.43 2.36 -0.28	30.99 1.89 0.00	26.92 1.60 0.00	25.34 1.41 0.00	24.62 1.39 0.00	25.05 1.42 0.00	25.61 1.43 0.00	26.28 1.51 0.00	28.87 1.79 0.00	34.92 2.13 0.00	53.59 2.92 -7.06	38.08 2.25 -1.21	33.31 1.94 0.00	29.32 1.69 0.00	27.31 1.55 0.00	25.23 1.36 0.00	23.75 1.15 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.50 1.01 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.69 1.01 0.00	23.29 1.17 0.00	33.84 2.15 0.00	38.78 2.72 -0.27	31.29 2.18 0.00	27.20 1.87 0.00	25.63 1.70 0.00	24.92 1.70 0.00	25.34 1.70 0.00	25.90 1.72 0.00	26.56 1.78 0.00	29.14 2.06 0.00	35.25 2.46 0.00	53.76 3.36 -6.79	38.34 2.56 -1.16	33.59 2.23 0.00	29.56 1.93 0.00	27.57 1.80 0.00	25.44 1.58 0.00	23.93 1.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.50 1.01 0.00	21.31 0.96 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.69 1.01 0.00	23.29 1.17 0.00	33.84 2.15 0.00	38.78 2.72 -0.27	31.29 2.18 0.00	27.20 1.87 0.00	25.63 1.70 0.00	24.92 1.70 0.00	25.34 1.70 0.00	25.90 1.72 0.00	26.56 1.78 0.00	29.14 2.06 0.00	35.25 2.46 0.00	53.76 3.36 -6.79	38.34 2.56 -1.16	33.59 2.23 0.00	29.56 1.93 0.00	27.57 1.80 0.00	25.44 1.58 0.00	23.93 1.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.50 1.01 0.00	21.29 0.94 0.00	21.02 0.87 0.00	20.94 0.86 0.00	21.67 0.99 0.00	23.33 1.22 0.00	33.91 2.22 0.00	38.67 2.61 -0.27	31.17 2.07 0.00	27.02 1.70 0.00	25.44 1.51 0.00	24.69 1.46 0.00	25.12 1.49 0.00	25.70 1.52 0.00	26.38 1.61 0.00	29.01 1.92 0.00	35.18 2.39 0.00	53.83 3.36 -6.87	38.36 2.56 -1.18	33.56 2.20 0.00	29.51 1.88 0.00	27.49 1.73 0.00	25.35 1.48 0.00	23.86 1.27 0.00
POLETTI____ 23519	22.52 1.03 0.00	21.35 1.00 0.00	21.06 0.91 0.00	20.96 0.88 0.00	21.69 1.01 0.00	23.29 1.17 0.00	29.57 2.22 4.34	35.81 2.83 2.81	28.99 2.36 2.47	27.38 2.08 0.02	25.78 1.87 0.02	25.09 1.88 0.02	25.49 1.87 0.02	26.03 1.86 0.02	26.67 1.91 0.02	29.26 2.19 0.02	35.40 2.62 0.02	46.37 3.49 0.72	31.91 2.67 5.37	32.71 2.38 1.05	29.66 2.04 0.02	27.67 1.91 0.00	25.54 1.67 0.00	23.98 1.38 0.00
POMONA____ESR 323819	22.48 0.99 0.00	21.22 0.87 0.00	20.96 0.81 0.00	20.88 0.80 0.00	21.52 0.85 0.00	23.16 1.04 0.00	33.78 2.09 0.00	38.44 2.40 -0.26	30.99 1.89 0.00	27.02 1.70 0.00	25.44 1.51 0.00	24.74 1.51 0.00	25.15 1.51 0.00	25.73 1.55 0.00	26.34 1.56 0.00	28.90 1.81 0.00	34.99 2.20 0.00	53.17 3.10 -6.47	38.01 2.28 -1.11	33.28 1.91 0.00	29.32 1.69 0.00	27.36 1.60 0.00	25.25 1.38 0.00	23.73 1.13 0.00
PORT_JEFF_3 23555	30.79 1.65 -7.64	27.71 1.40 -5.96	25.73 1.33 -4.24	23.56 1.32 -2.16	27.08 1.39 -5.02	31.26 1.73 -7.42	36.01 3.23 -1.09	44.54 3.76 -4.99	34.87 2.97 -2.79	31.28 2.43 -3.53	31.48 2.20 -5.35	31.06 2.14 -5.69	30.85 2.13 -5.09	30.90 2.18 -4.54	32.18 2.25 -5.16	33.25 2.76 -3.40	61.35 3.47 -25.09	88.00 4.53 -39.86	51.89 3.43 -13.84	45.92 3.01 -11.54	36.55 2.63 -6.29	33.72 2.45 -5.51	32.10 2.00 -6.23	31.44 1.70 -7.15
PORT_JEFF_4 23616	30.79 1.65 -7.64	27.71 1.40 -5.96	25.73 1.33 -4.24	23.56 1.32 -2.16	27.08 1.39 -5.02	31.26 1.73 -7.42	36.01 3.23 -1.09	44.54 3.76 -4.99	34.87 2.97 -2.79	31.28 2.43 -3.53	31.48 2.20 -5.35	31.06 2.14 -5.69	30.85 2.13 -5.09	30.90 2.18 -4.54	32.18 2.25 -5.16	33.25 2.76 -3.40	61.35 3.47 -25.09	88.00 4.53 -39.86	51.89 3.43 -13.84	45.92 3.01 -11.54	36.55 2.63 -6.29	33.72 2.45 -5.51	32.10 2.00 -6.23	31.44 1.70 -7.15
PORT_JEFF_IC 23713	30.81 1.68 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.12 1.43 -5.02	31.28 1.75 -7.42	36.04 3.26 -1.09	44.61 3.83 -4.99	34.92 3.03 -2.79	31.33 2.48 -3.53	31.56 2.27 -5.35	31.10 2.18 -5.69	30.90 2.17 -5.09	30.94 2.22 -4.54	32.23 2.30 -5.16	33.33 2.84 -3.40	61.45 3.57 -25.09	88.13 4.67 -39.86	51.99 3.53 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.77 2.50 -5.51	32.12 2.03 -6.23	31.49 1.74 -7.15
PPL PILGRIM_ST_GT1 24216	30.74 1.61 -7.64	27.71 1.40 -5.96	25.75 1.35 -4.24	23.56 1.32 -2.16	27.08 1.39 -5.02	31.24 1.70 -7.42	35.91 3.14 -1.09	44.54 3.76 -4.99	34.89 3.00 -2.79	31.31 2.46 -3.53	31.53 2.25 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.25 2.76 -3.40	61.26 3.38 -25.09	88.00 4.53 -39.86	51.92 3.46 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.80 2.53 -5.51	32.17 2.08 -6.23	31.53 1.78 -7.15
PPL PILGRIM_ST_GT2 24217	30.74 1.61 -7.64	27.71 1.40 -5.96	25.75 1.35 -4.24	23.56 1.32 -2.16	27.08 1.39 -5.02	31.24 1.70 -7.42	35.91 3.14 -1.09	44.54 3.76 -4.99	34.89 3.00 -2.79	31.31 2.46 -3.53	31.53 2.25 -5.35	31.13 2.21 -5.69	30.92 2.20 -5.09	30.97 2.25 -4.54	32.26 2.33 -5.16	33.25 2.76 -3.40	61.26 3.38 -25.09	88.00 4.53 -39.86	51.92 3.46 -13.84	45.98 3.08 -11.54	36.60 2.68 -6.29	33.80 2.53 -5.51	32.17 2.08 -6.23	31.53 1.78 -7.15
PPL_SHRM_GT3 24213	30.89 1.76 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.23 3.45 -1.09	44.40 3.61 -4.99	34.46 2.56 -2.79	31.00 2.15 -3.53	31.22 1.94 -5.35	30.73 1.81 -5.69	30.50 1.77 -5.09	30.56 1.84 -4.54	31.86 1.93 -5.16	32.87 2.38 -3.40	61.29 3.41 -25.09	87.61 4.14 -39.86	51.58 3.12 -13.84	45.54 2.64 -11.54	36.27 2.35 -6.29	33.41 2.14 -5.51	31.89 1.79 -6.23	31.28 1.54 -7.15
PPL_SHRM_GT4 24214	30.89 1.76 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.23 3.45 -1.09	44.40 3.61 -4.99	34.46 2.56 -2.79	31.00 2.15 -3.53	31.22 1.94 -5.35	30.73 1.81 -5.69	30.50 1.77 -5.09	30.56 1.84 -4.54	31.86 1.93 -5.16	32.87 2.38 -3.40	61.29 3.41 -25.09	87.61 4.14 -39.86	51.58 3.12 -13.84	45.54 2.64 -11.54	36.27 2.35 -6.29	33.41 2.14 -5.51	31.89 1.79 -6.23	31.28 1.54 -7.15
PROJECT___ORANGE 1 24174	21.60 0.11 0.00	20.37 0.02 0.00	20.18 0.02 0.00	20.10 0.02 0.00	20.61 -0.06 0.00	22.29 0.18 0.00	31.69 0.00 0.00	35.66 -0.18 -0.05	29.02 -0.09 0.00	25.42 0.10 0.00	24.05 0.12 0.00	23.30 0.07 0.00	23.68 0.05 0.00	24.21 0.02 0.00	24.72 -0.05 0.00	26.89 -0.19 0.00	32.40 -0.39 0.00	44.63 -0.26 -1.29	34.42 -0.42 -0.22	31.08 -0.28 0.00	27.44 -0.19 0.00	25.66 -0.10 0.00	23.79 -0.07 0.00	22.55 -0.05 0.00

PROJECT___ORANGE 2 24166	21.60 0.11 0.00	20.37 0.02 0.00	20.18 0.02 0.00	20.10 0.02 0.00	20.61 -0.06 0.00	22.29 0.18 0.00	31.69 0.00 0.00	35.66 -0.18 -0.05	29.02 -0.09 0.00	25.42 0.10 0.00	24.05 0.12 0.00	23.30 0.07 0.00	23.68 0.05 0.00	24.21 0.02 0.00	24.72 -0.05 0.00	26.89 -0.19 0.00	32.40 -0.39 0.00	44.63 -0.26 -1.29	34.42 -0.42 -0.22	31.08 -0.28 0.00	27.44 -0.19 0.00	25.66 -0.10 0.00	23.79 -0.07 0.00	22.55 -0.05 0.00
PUCKETT___SOLAR 323809	22.43 0.94 0.00	21.14 0.79 0.00	20.94 0.79 0.00	20.86 0.78 0.00	21.38 0.70 0.00	23.24 1.13 0.00	33.40 1.71 0.00	37.69 1.79 -0.11	30.47 1.37 0.00	26.56 1.24 0.00	25.05 1.12 0.00	24.22 1.00 0.00	24.65 1.02 0.00	25.20 1.02 0.00	25.81 1.04 0.00	28.00 0.92 0.00	33.94 1.15 0.00	48.18 1.70 -2.87	36.11 1.00 -0.49	32.56 1.19 0.00	28.65 1.02 0.00	26.67 0.90 0.00	24.65 0.79 0.00	23.32 0.72 0.00
PYRITES___HYD 24023	21.40 -0.09 0.00	20.35 0.00 0.00	20.16 0.00 0.00	20.10 0.02 0.00	20.78 0.10 0.00	22.07 -0.04 0.00	31.91 0.22 0.00	36.01 0.21 -0.01	29.31 0.20 0.00	25.47 0.15 0.00	24.10 0.17 0.00	23.39 0.16 0.00	23.82 0.19 0.00	24.40 0.22 0.00	24.97 0.20 0.00	27.27 0.19 0.00	33.25 0.46 0.00	44.44 0.65 -0.18	35.20 0.55 -0.03	31.87 0.50 0.00	28.10 0.47 0.00	26.23 0.46 0.00	24.25 0.38 0.00	22.96 0.36 0.00
QUAKERRD_115KV_BK1 80622	21.21 -0.28 0.00	19.92 -0.43 0.00	19.77 -0.38 0.00	19.66 -0.42 0.00	19.95 -0.72 0.00	21.87 -0.24 0.00	30.96 -0.73 0.00	34.85 -1.00 -0.06	28.43 -0.67 0.00	24.92 -0.41 0.00	23.59 -0.33 0.00	22.88 -0.35 0.00	23.23 -0.40 0.00	23.70 -0.48 0.00	24.15 -0.62 0.00	26.16 -0.92 0.00	31.41 -1.38 0.00	43.80 -1.35 -1.55	33.47 -1.42 -0.27	30.24 -1.13 0.00	26.64 -0.99 0.00	24.92 -0.85 0.00	22.98 -0.88 0.00	21.74 -0.86 0.00
QUENSBRY_115KV_TB8 356137	22.84 1.35 0.00	21.57 1.22 0.00	21.35 1.19 0.00	21.28 1.20 0.00	22.14 1.47 0.00	23.93 1.81 0.00	34.67 2.98 0.00	39.64 3.51 -0.34	31.66 2.56 0.00	27.15 1.82 0.00	25.51 1.58 0.00	24.92 1.70 0.00	25.48 1.84 0.00	25.95 1.77 0.00	26.73 1.96 0.00	28.73 1.65 0.00	34.59 1.80 0.00	55.20 2.92 -8.67	38.25 2.15 -1.48	33.12 1.76 0.00	29.09 1.46 0.00	26.87 1.11 0.00	24.94 1.07 0.00	24.38 1.79 0.00
RAMAPO___LBMP 323565	22.33 0.84 0.00	21.16 0.81 0.00	20.92 0.77 0.00	20.84 0.76 0.00	21.52 0.85 0.00	23.11 1.00 0.00	33.56 1.87 0.00	38.37 2.33 -0.26	30.97 1.86 0.00	26.97 1.65 0.00	25.39 1.46 0.00	24.69 1.46 0.00	25.10 1.47 0.00	25.63 1.45 0.00	26.28 1.51 0.00	28.84 1.76 0.00	34.85 2.07 0.00	52.97 2.92 -6.44	37.90 2.18 -1.10	33.22 1.85 0.00	29.23 1.60 0.00	27.29 1.52 0.00	25.20 1.34 0.00	23.70 1.11 0.00
RANKINE____ 23646	22.35 0.86 0.00	20.88 0.53 0.00	20.76 0.60 0.00	20.62 0.54 0.00	20.59 -0.08 0.00	23.02 0.91 0.00	32.10 0.41 0.00	35.25 -0.61 -0.07	29.48 0.38 0.00	26.11 0.79 0.00	24.72 0.79 0.00	23.90 0.67 0.00	24.27 0.64 0.00	24.74 0.56 0.00	25.15 0.37 0.00	26.78 -0.30 0.00	31.71 -1.08 0.00	43.55 -1.88 -1.82	33.07 -1.83 -0.29	30.58 -0.78 0.00	27.13 -0.50 0.00	25.46 -0.31 0.00	23.29 -0.57 0.00	22.05 -0.54 0.00
RAVENSWOOD_GT2_1 24244	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.73 2.10 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.02 1.42 0.00
RAVENSWOOD_GT2_2 24245	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.73 2.10 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.02 1.42 0.00
RAVENSWOOD_GT2_3 24246	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.52 2.42 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.15 1.93 0.00	25.55 1.91 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.48 2.69 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.81 2.45 0.00	29.73 2.10 0.00	27.72 1.96 0.00	25.61 1.74 0.00	24.04 1.45 0.00
RAVENSWOOD_GT2_4 24247	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.52 2.42 0.00	27.45 2.13 0.00	25.84 1.91 0.00	25.15 1.93 0.00	25.55 1.91 0.00	26.07 1.89 0.00	26.73 1.96 0.00	29.33 2.25 0.00	35.48 2.69 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.81 2.45 0.00	29.73 2.10 0.00	27.72 1.96 0.00	25.61 1.74 0.00	24.04 1.45 0.00
RAVENSWOOD_GT3_1 24248	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.92 2.86 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.04 1.45 0.00
RAVENSWOOD_GT3_2 24249	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.92 2.86 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.04 1.45 0.00
RAVENSWOOD_GT3_3 24250	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.00 2.31 0.00	38.99 2.93 -0.27	31.55 2.44 0.00	27.48 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.09 1.91 0.00	26.76 1.98 0.00	29.36 2.27 0.00	35.51 2.72 0.00	54.00 3.66 -6.74	38.54 2.77 -1.15	33.85 2.48 0.00	29.76 2.13 0.00	27.75 1.98 0.00	25.63 1.77 0.00	24.07 1.47 0.00
RAVENSWOOD_GT3_4 24251	22.61 1.12 0.00	21.43 1.08 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.00 2.31 0.00	38.99 2.93 -0.27	31.55 2.44 0.00	27.48 2.15 0.00	25.87 1.94 0.00	25.18 1.95 0.00	25.57 1.94 0.00	26.09 1.91 0.00	26.76 1.98 0.00	29.36 2.27 0.00	35.51 2.72 0.00	54.00 3.66 -6.74	38.54 2.77 -1.15	33.85 2.48 0.00	29.76 2.13 0.00	27.75 1.98 0.00	25.63 1.77 0.00	24.07 1.47 0.00



RAVENSWOOD_GT_1 23729	22.69 1.20 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.38 1.26 0.00	33.94 2.25 0.00	38.92 2.86 -0.27	31.55 2.44 0.00	27.50 2.18 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.60 1.96 0.00	26.12 1.93 0.00	26.76 1.98 0.00	29.36 2.27 0.00	35.54 2.75 0.00	54.00 3.66 -6.74	38.54 2.77 -1.15	33.88 2.51 0.00	29.76 2.13 0.00	27.75 1.98 0.00	25.68 1.81 0.00	24.13 1.54 0.00
RAVENSWOOD_GT_10 24258	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.92 2.86 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.02 1.42 0.00
RAVENSWOOD_GT_11 24259	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.92 2.86 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.02 1.42 0.00
RAVENSWOOD_GT_4 24252	22.54 1.05 0.00	21.37 1.02 0.00	21.10 0.95 0.00	21.00 0.92 0.00	21.73 1.05 0.00	23.33 1.22 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.11 1.88 0.00	25.53 1.89 0.00	26.04 1.86 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.44 2.66 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.56 1.69 0.00	24.00 1.40 0.00
RAVENSWOOD_GT_5 24254	22.54 1.05 0.00	21.37 1.02 0.00	21.10 0.95 0.00	21.00 0.92 0.00	21.73 1.05 0.00	23.33 1.22 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.11 1.88 0.00	25.53 1.89 0.00	26.04 1.86 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.44 2.66 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.56 1.69 0.00	24.00 1.40 0.00
RAVENSWOOD_GT_6 24253	22.54 1.05 0.00	21.37 1.02 0.00	21.10 0.95 0.00	21.00 0.92 0.00	21.73 1.05 0.00	23.33 1.22 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.11 1.88 0.00	25.53 1.89 0.00	26.04 1.86 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.44 2.66 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.56 1.69 0.00	24.00 1.40 0.00
RAVENSWOOD_GT_7 24255	22.54 1.05 0.00	21.37 1.02 0.00	21.10 0.95 0.00	21.00 0.92 0.00	21.73 1.05 0.00	23.33 1.22 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.11 1.88 0.00	25.53 1.89 0.00	26.04 1.86 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.44 2.66 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.56 1.69 0.00	24.00 1.40 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.92 2.86 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.02 1.42 0.00
RAVENSWOOD_GT_9 24257	22.59 1.10 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.35 1.24 0.00	33.97 2.28 0.00	38.92 2.86 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.53 1.89 0.00	26.07 1.89 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.51 2.73 -1.15	33.78 2.42 0.00	29.70 2.07 0.00	27.70 1.93 0.00	25.58 1.72 0.00	24.02 1.42 0.00
RAVENSWOOD___1 23533	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.38 1.26 0.00	34.13 2.44 0.00	38.95 2.90 -0.27	31.52 2.41 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.73 1.96 0.00	29.36 2.28 0.00	35.57 2.79 0.00	54.01 3.66 -6.74	38.54 2.77 -1.15	33.88 2.51 0.00	29.79 2.16 0.00	27.80 2.04 0.00	25.68 1.81 0.00	24.11 1.51 0.00
RAVENSWOOD___2 23534	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.38 1.26 0.00	34.13 2.44 0.00	38.95 2.90 -0.27	31.52 2.41 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.73 1.96 0.00	29.36 2.28 0.00	35.57 2.79 0.00	54.01 3.66 -6.74	38.54 2.77 -1.15	33.88 2.51 0.00	29.79 2.16 0.00	27.80 2.04 0.00	25.68 1.81 0.00	24.11 1.51 0.00
RAVENSWOOD___3 23535	22.69 1.20 0.00	21.41 1.06 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.69 1.01 0.00	23.35 1.24 0.00	34.13 2.44 0.00	38.95 2.90 -0.27	31.49 2.39 0.00	27.42 2.10 0.00	25.82 1.89 0.00	25.13 1.90 0.00	25.55 1.91 0.00	26.09 1.91 0.00	26.71 1.93 0.00	29.33 2.25 0.00	35.51 2.72 0.00	53.96 3.62 -6.74	38.51 2.73 -1.15	33.82 2.45 0.00	29.73 2.10 0.00	27.75 1.98 0.00	25.58 1.72 0.00	24.00 1.40 0.00
RAVENSWOOD___4 23820	22.80 1.31 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.79 1.12 0.00	23.38 1.26 0.00	34.13 2.44 0.00	38.95 2.90 -0.27	31.52 2.41 0.00	27.47 2.15 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.59 1.96 0.00	26.14 1.96 0.00	26.73 1.96 0.00	29.36 2.28 0.00	35.57 2.79 0.00	54.01 3.66 -6.74	38.54 2.77 -1.15	33.88 2.51 0.00	29.79 2.16 0.00	27.80 2.04 0.00	25.68 1.81 0.00	24.11 1.51 0.00
RCPI_TRUST___DRP 24196	22.67 1.18 0.00	21.49 1.14 0.00	21.20 1.05 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.47 1.35 0.00	34.19 2.50 0.00	39.24 3.19 -0.27	31.75 2.65 0.00	27.68 2.36 0.00	26.06 2.13 0.00	25.36 2.14 0.00	25.74 2.10 0.00	26.29 2.10 0.00	26.93 2.16 0.00	29.55 2.46 0.00	35.74 2.95 0.00	54.27 3.92 -6.73	38.78 3.01 -1.15	34.03 2.67 0.00	29.90 2.27 0.00	27.88 2.11 0.00	25.73 1.86 0.00	24.16 1.56 0.00
RED___ROCHESTER 323720	22.07 0.58 0.00	20.65 0.31 0.00	20.52 0.36 0.00	20.38 0.30 0.00	20.72 0.04 0.00	22.71 0.60 0.00	32.04 0.35 0.00	36.32 0.46 -0.06	29.72 0.61 0.00	25.98 0.66 0.00	24.62 0.69 0.00	23.83 0.60 0.00	24.20 0.57 0.00	24.64 0.46 0.00	25.17 0.40 0.00	27.03 -0.05 0.00	32.30 -0.49 0.00	45.14 -0.04 -1.58	34.41 -0.48 -0.27	31.21 -0.16 0.00	27.35 -0.28 0.00	25.56 -0.21 0.00	23.58 -0.29 0.00	22.44 -0.16 0.00

REGAN___SOLAR 323812	22.84 1.35 0.00	21.51 1.16 0.00	21.30 1.15 0.00	21.24 1.16 0.00	22.14 1.47 0.00	24.02 1.90 0.00	34.92 3.23 0.00	39.59 3.40 -0.40	31.40 2.30 0.00	27.12 1.80 0.00	25.41 1.48 0.00	24.69 1.46 0.00	25.29 1.65 0.00	26.07 1.89 0.00	26.93 2.15 0.00	29.17 2.09 0.00	35.61 2.82 0.00	58.17 4.45 -10.11	39.57 3.22 -1.73	34.19 2.82 0.00	29.98 2.35 0.00	27.80 2.04 0.00	25.73 1.86 0.00	24.25 1.65 0.00
RENSSELAER___COGEN 23796	21.83 0.34 0.00	20.61 0.26 0.00	20.42 0.26 0.00	20.36 0.28 0.00	20.96 0.29 0.00	22.60 0.49 0.00	32.64 0.95 0.00	37.27 1.14 -0.33	29.89 0.79 0.00	25.83 0.51 0.00	24.43 0.50 0.00	23.74 0.51 0.00	24.18 0.54 0.00	24.79 0.60 0.00	25.34 0.57 0.00	27.89 0.81 0.00	33.84 1.05 0.00	53.45 1.48 -8.36	37.19 1.14 -1.43	32.31 0.94 0.00	28.46 0.83 0.00	26.54 0.77 0.00	24.56 0.69 0.00	23.12 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.47 1.98 0.00	22.12 1.77 0.00	21.91 1.75 0.00	21.83 1.75 0.00	22.83 2.15 0.00	24.77 2.65 0.00	36.00 4.31 0.00	41.11 4.97 -0.34	32.71 3.61 0.00	27.98 2.66 0.00	26.23 2.30 0.00	25.60 2.37 0.00	26.26 2.62 0.00	26.79 2.61 0.00	27.55 2.77 0.00	29.71 2.63 0.00	35.90 3.11 0.00	57.29 5.01 -8.67	39.77 3.67 -1.48	34.44 3.07 0.00	30.14 2.51 0.00	27.88 2.11 0.00	25.75 1.89 0.00	25.11 2.51 0.00
REVERE_CPPR_DRP 24186	22.31 0.82 0.00	21.10 0.75 0.00	20.84 0.69 0.00	20.80 0.72 0.00	21.36 0.68 0.00	23.05 0.93 0.00	33.21 1.52 0.00	37.28 1.47 -0.03	30.35 1.25 0.00	26.49 1.16 0.00	25.03 1.10 0.00	24.23 1.00 0.00	24.63 0.99 0.00	25.25 1.06 0.00	25.74 0.97 0.00	28.19 1.11 0.00	34.23 1.44 0.00	46.46 2.18 -0.67	36.22 1.49 -0.11	32.78 1.41 0.00	28.82 1.19 0.00	26.85 1.08 0.00	24.80 0.93 0.00	23.48 0.88 0.00
REYNOLDS_115KV_TB3 80639	21.96 0.47 0.00	20.80 0.45 0.00	20.58 0.42 0.00	20.52 0.44 0.00	21.19 0.52 0.00	22.82 0.71 0.00	32.86 1.17 0.00	37.62 1.50 -0.33	30.21 1.11 0.00	26.11 0.79 0.00	24.65 0.72 0.00	23.95 0.72 0.00	24.39 0.76 0.00	25.00 0.82 0.00	25.62 0.84 0.00	28.14 1.06 0.00	34.13 1.34 0.00	53.82 1.83 -8.38	37.51 1.45 -1.43	32.59 1.22 0.00	28.68 1.05 0.00	26.72 0.95 0.00	24.75 0.88 0.00	23.37 0.77 0.00
RIVERBAY____ 323610	23.02 1.53 0.00	21.81 1.47 0.00	21.53 1.37 0.00	21.43 1.35 0.00	22.14 1.47 0.00	23.53 1.42 0.00	34.03 2.34 0.00	38.88 2.83 -0.27	31.49 2.39 0.00	27.58 2.25 0.00	25.94 2.01 0.00	25.27 2.04 0.00	25.64 2.01 0.00	26.16 1.98 0.00	26.71 1.93 0.00	29.30 2.22 0.00	35.48 2.69 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.81 2.45 0.00	29.70 2.07 0.00	27.83 2.06 0.00	25.85 1.98 0.00	24.34 1.74 0.00
RIVERSDE_115KV_TB3 55908	21.81 0.32 0.00	20.65 0.31 0.00	20.46 0.30 0.00	20.38 0.30 0.00	21.03 0.35 0.00	22.65 0.53 0.00	32.64 0.95 0.00	37.34 1.22 -0.33	30.01 0.90 0.00	25.91 0.58 0.00	24.50 0.57 0.00	23.78 0.56 0.00	24.25 0.61 0.00	24.86 0.68 0.00	25.44 0.67 0.00	27.95 0.87 0.00	33.90 1.11 0.00	53.51 1.53 -8.37	37.26 1.21 -1.43	32.34 0.97 0.00	28.49 0.86 0.00	26.51 0.75 0.00	24.58 0.72 0.00	23.18 0.59 0.00
ROARING___BROOK_WT_PWR 323790	20.91 -0.58 0.00	19.88 -0.47 0.00	19.69 -0.46 0.00	19.64 -0.44 0.00	20.26 -0.41 0.00	21.61 -0.51 0.00	31.02 -0.67 0.00	35.15 -0.64 0.00	28.67 -0.44 0.00	24.94 -0.38 0.00	23.62 -0.31 0.00	22.92 -0.30 0.00	23.35 -0.28 0.00	23.92 -0.27 0.00	24.53 -0.25 0.00	26.84 -0.24 0.00	32.56 -0.23 0.00	43.17 -0.44 0.00	34.38 -0.24 0.00	31.12 -0.25 0.00	27.38 -0.25 0.00	25.46 -0.31 0.00	23.48 -0.38 0.00	22.12 -0.48 0.00
ROCHESRG_115KV_T4 355643	21.83 0.34 0.00	20.45 0.10 0.00	20.32 0.16 0.00	20.18 0.10 0.00	20.36 -0.31 0.00	22.49 0.38 0.00	31.59 -0.10 0.00	35.53 -0.32 -0.06	29.07 -0.03 0.00	25.53 0.20 0.00	24.19 0.26 0.00	23.46 0.23 0.00	23.82 0.19 0.00	24.28 0.10 0.00	24.75 -0.02 0.00	26.65 -0.43 0.00	31.84 -0.95 0.00	44.35 -0.83 -1.57	33.89 -1.00 -0.27	30.74 -0.63 0.00	27.13 -0.50 0.00	25.38 -0.39 0.00	23.34 -0.53 0.00	22.10 -0.50 0.00
ROCHESTER_9_IC 23652	21.98 0.49 0.00	20.57 0.22 0.00	20.44 0.28 0.00	20.30 0.22 0.00	20.49 -0.19 0.00	22.65 0.53 0.00	31.85 0.16 0.00	35.85 0.00 -0.06	29.34 0.23 0.00	25.73 0.41 0.00	24.38 0.45 0.00	23.64 0.42 0.00	24.01 0.38 0.00	24.47 0.29 0.00	24.97 0.20 0.00	26.87 -0.22 0.00	32.13 -0.66 0.00	44.79 -0.39 -1.58	34.20 -0.69 -0.27	31.02 -0.35 0.00	27.38 -0.25 0.00	25.59 -0.18 0.00	23.53 -0.33 0.00	22.24 -0.36 0.00
ROCKVIEW_13_KV_LD 356306	22.56 1.07 0.00	21.37 1.02 0.00	21.10 0.95 0.00	21.02 0.94 0.00	21.75 1.08 0.00	23.38 1.26 0.00	33.97 2.28 0.00	38.95 2.90 -0.27	31.43 2.33 0.00	27.35 2.03 0.00	25.77 1.84 0.00	25.06 1.83 0.00	25.48 1.84 0.00	26.02 1.84 0.00	26.71 1.93 0.00	29.28 2.19 0.00	35.41 2.62 0.00	53.92 3.58 -6.74	38.47 2.70 -1.15	33.75 2.38 0.00	29.70 2.07 0.00	27.67 1.91 0.00	25.54 1.67 0.00	24.00 1.40 0.00
ROME____115KV_TB2 80656	22.31 0.82 0.00	21.10 0.75 0.00	20.84 0.69 0.00	20.80 0.72 0.00	21.36 0.68 0.00	23.05 0.93 0.00	33.21 1.52 0.00	37.28 1.47 -0.03	30.35 1.25 0.00	26.49 1.16 0.00	25.03 1.10 0.00	24.23 1.00 0.00	24.63 0.99 0.00	25.25 1.06 0.00	25.74 0.97 0.00	28.19 1.11 0.00	34.23 1.44 0.00	46.46 2.18 -0.67	36.22 1.49 -0.11	32.78 1.41 0.00	28.82 1.19 0.00	26.85 1.08 0.00	24.80 0.93 0.00	23.48 0.88 0.00
ROSETON___1 23587	22.39 0.90 0.00	21.12 0.77 0.00	20.88 0.72 0.00	20.80 0.72 0.00	21.44 0.77 0.00	23.11 1.00 0.00	33.62 1.93 0.00	38.35 2.29 -0.27	30.91 1.81 0.00	26.87 1.54 0.00	25.29 1.36 0.00	24.60 1.37 0.00	25.00 1.37 0.00	25.58 1.40 0.00	26.21 1.44 0.00	28.79 1.71 0.00	34.86 2.07 0.00	53.17 2.83 -6.73	37.92 2.15 -1.15	33.22 1.85 0.00	29.26 1.63 0.00	27.31 1.55 0.00	25.15 1.29 0.00	23.66 1.06 0.00
ROSETON___2 23588	22.39 0.90 0.00	21.12 0.77 0.00	20.88 0.72 0.00	20.80 0.72 0.00	21.44 0.77 0.00	23.11 1.00 0.00	33.62 1.93 0.00	38.35 2.29 -0.27	30.91 1.81 0.00	26.87 1.54 0.00	25.29 1.36 0.00	24.60 1.37 0.00	25.00 1.37 0.00	25.58 1.40 0.00	26.21 1.44 0.00	28.79 1.71 0.00	34.86 2.07 0.00	53.17 2.83 -6.73	37.92 2.15 -1.15	33.22 1.85 0.00	29.26 1.63 0.00	27.31 1.55 0.00	25.15 1.29 0.00	23.66 1.06 0.00
ROTTDRAM_115KV_TB3 80664	22.18 0.69 0.00	20.96 0.61 0.00	20.76 0.60 0.00	20.68 0.60 0.00	21.40 0.72 0.00	23.02 0.91 0.00	33.21 1.52 0.00	37.96 1.83 -0.35	30.47 1.37 0.00	26.39 1.06 0.00	24.86 0.93 0.00	24.16 0.93 0.00	24.60 0.97 0.00	25.17 0.99 0.00	25.81 1.04 0.00	28.27 1.19 0.00	34.23 1.44 0.00	54.47 2.09 -8.77	37.71 1.59 -1.50	32.72 1.35 0.00	28.82 1.19 0.00	26.82 1.06 0.00	24.80 0.93 0.00	23.52 0.93 0.00

RUSSELL___1 23602	22.07 0.58 0.00	20.65 0.31 0.00	20.52 0.36 0.00	20.38 0.30 0.00	20.55 -0.12 0.00	22.71 0.60 0.00	31.97 0.29 0.00	36.03 0.18 -0.06	29.48 0.38 0.00	25.85 0.53 0.00	24.50 0.57 0.00	23.76 0.53 0.00	24.13 0.50 0.00	24.59 0.41 0.00	25.10 0.32 0.00	27.03 -0.05 0.00	32.33 -0.46 0.00	45.10 -0.09 -1.58	34.41 -0.48 -0.27	31.21 -0.16 0.00	27.52 -0.11 0.00	25.71 -0.05 0.00	23.63 -0.24 0.00	22.33 -0.27 0.00
RUSSELL___2 23532	22.07 0.58 0.00	20.65 0.31 0.00	20.52 0.36 0.00	20.38 0.30 0.00	20.55 -0.12 0.00	22.71 0.60 0.00	31.97 0.29 0.00	36.03 0.18 -0.06	29.48 0.38 0.00	25.85 0.53 0.00	24.50 0.57 0.00	23.76 0.53 0.00	24.13 0.50 0.00	24.59 0.41 0.00	25.10 0.32 0.00	27.03 -0.05 0.00	32.33 -0.46 0.00	45.10 -0.09 -1.58	34.41 -0.48 -0.27	31.21 -0.16 0.00	27.52 -0.11 0.00	25.71 -0.05 0.00	23.63 -0.24 0.00	22.33 -0.27 0.00
RUSSELL___3 23549	22.07 0.58 0.00	20.65 0.31 0.00	20.52 0.36 0.00	20.38 0.30 0.00	20.55 -0.12 0.00	22.71 0.60 0.00	31.97 0.29 0.00	36.03 0.18 -0.06	29.48 0.38 0.00	25.85 0.53 0.00	24.50 0.57 0.00	23.76 0.53 0.00	24.13 0.50 0.00	24.59 0.41 0.00	25.10 0.32 0.00	27.03 -0.05 0.00	32.33 -0.46 0.00	45.10 -0.09 -1.58	34.41 -0.48 -0.27	31.21 -0.16 0.00	27.52 -0.11 0.00	25.71 -0.05 0.00	23.63 -0.24 0.00	22.33 -0.27 0.00
RUSSELL___4 23556	22.07 0.58 0.00	20.65 0.31 0.00	20.52 0.36 0.00	20.38 0.30 0.00	20.55 -0.12 0.00	22.71 0.60 0.00	31.97 0.29 0.00	36.03 0.18 -0.06	29.48 0.38 0.00	25.85 0.53 0.00	24.50 0.57 0.00	23.76 0.53 0.00	24.13 0.50 0.00	24.59 0.41 0.00	25.10 0.32 0.00	27.03 -0.05 0.00	32.33 -0.46 0.00	45.10 -0.09 -1.58	34.41 -0.48 -0.27	31.21 -0.16 0.00	27.52 -0.11 0.00	25.71 -0.05 0.00	23.63 -0.24 0.00	22.33 -0.27 0.00
RUSSELL___STATION 23914	22.07 0.58 0.00	20.65 0.31 0.00	20.52 0.36 0.00	20.38 0.30 0.00	20.55 -0.12 0.00	22.71 0.60 0.00	31.97 0.29 0.00	36.03 0.18 -0.06	29.48 0.38 0.00	25.85 0.53 0.00	24.50 0.57 0.00	23.76 0.53 0.00	24.13 0.50 0.00	24.59 0.41 0.00	25.10 0.32 0.00	27.03 -0.05 0.00	32.33 -0.46 0.00	45.10 -0.09 -1.58	34.41 -0.48 -0.27	31.21 -0.16 0.00	27.52 -0.11 0.00	25.71 -0.05 0.00	23.63 -0.24 0.00	22.33 -0.27 0.00
S SALMON___HYD 24043	21.53 0.04 0.00	20.33 -0.02 0.00	20.12 -0.04 0.00	20.06 -0.02 0.00	20.61 -0.06 0.00	22.25 0.13 0.00	31.78 0.10 0.00	35.83 0.00 -0.04	29.05 -0.06 0.00	25.30 -0.03 0.00	23.90 -0.02 0.00	23.16 -0.07 0.00	23.54 -0.09 0.00	24.09 -0.10 0.00	24.65 -0.12 0.00	26.81 -0.27 0.00	32.49 -0.30 0.00	44.72 0.00 -1.11	34.60 0.00 -0.19	31.27 -0.09 0.00	27.52 -0.11 0.00	25.61 -0.15 0.00	23.82 -0.05 0.00	22.60 0.00 0.00
S.PERRY___115KV_TB1 80734	22.78 1.29 0.00	21.33 0.98 0.00	21.18 1.03 0.00	21.04 0.96 0.00	21.21 0.54 0.00	23.64 1.53 0.00	33.53 1.84 0.00	37.40 1.54 -0.07	30.73 1.63 0.00	26.84 1.52 0.00	25.32 1.39 0.00	24.46 1.23 0.00	24.77 1.13 0.00	25.29 1.11 0.00	25.79 1.02 0.00	27.81 0.73 0.00	33.31 0.52 0.00	46.76 1.26 -1.89	35.52 0.59 -0.32	32.40 1.04 0.00	28.60 0.97 0.00	26.69 0.93 0.00	24.39 0.53 0.00	22.98 0.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.07 0.58 0.00	20.59 0.24 0.00	20.48 0.32 0.00	20.34 0.26 0.00	20.30 -0.37 0.00	22.71 0.60 0.00	31.56 -0.13 0.00	34.89 -0.97 -0.07	28.99 -0.12 0.00	25.68 0.35 0.00	24.31 0.38 0.00	23.53 0.30 0.00	23.92 0.28 0.00	24.37 0.19 0.00	24.77 0.00 0.00	26.35 -0.73 0.00	31.18 -1.61 0.00	43.08 -2.31 -1.78	32.75 -2.15 -0.28	30.14 -1.22 0.00	26.75 -0.88 0.00	25.10 -0.67 0.00	23.01 -0.86 0.00	21.78 -0.81 0.00
SAWYER___23_KV_LOAD 55526	22.07 0.58 0.00	20.59 0.24 0.00	20.48 0.32 0.00	20.34 0.26 0.00	20.30 -0.37 0.00	22.71 0.60 0.00	31.56 -0.13 0.00	34.89 -0.97 -0.07	28.99 -0.12 0.00	25.68 0.35 0.00	24.31 0.38 0.00	23.53 0.30 0.00	23.92 0.28 0.00	24.37 0.19 0.00	24.77 0.00 0.00	26.35 -0.73 0.00	31.18 -1.61 0.00	43.08 -2.31 -1.78	32.75 -2.15 -0.28	30.14 -1.22 0.00	26.75 -0.88 0.00	25.10 -0.67 0.00	23.01 -0.86 0.00	21.78 -0.81 0.00
SELKIRK___I 23801	21.98 0.49 0.00	20.76 0.41 0.00	20.56 0.40 0.00	20.48 0.40 0.00	21.11 0.43 0.00	22.71 0.60 0.00	32.83 1.14 0.00	37.44 1.32 -0.33	30.06 0.96 0.00	26.06 0.73 0.00	24.60 0.67 0.00	23.90 0.67 0.00	24.34 0.71 0.00	24.93 0.75 0.00	25.52 0.74 0.00	28.03 0.95 0.00	33.97 1.18 0.00	53.59 1.66 -8.33	37.29 1.24 -1.43	32.43 1.07 0.00	28.60 0.97 0.00	26.67 0.90 0.00	24.65 0.79 0.00	23.23 0.63 0.00
SELKIRK___II 23799	21.94 0.45 0.00	20.72 0.37 0.00	20.52 0.36 0.00	20.46 0.38 0.00	21.07 0.39 0.00	22.69 0.57 0.00	32.80 1.11 0.00	37.41 1.29 -0.33	30.03 0.93 0.00	25.98 0.66 0.00	24.55 0.62 0.00	23.83 0.60 0.00	24.30 0.66 0.00	24.88 0.70 0.00	25.47 0.69 0.00	28.00 0.92 0.00	33.94 1.15 0.00	53.54 1.61 -8.32	37.29 1.24 -1.42	32.40 1.03 0.00	28.57 0.94 0.00	26.64 0.88 0.00	24.63 0.76 0.00	23.21 0.61 0.00
SENECA OSWGO___HYD 24041	21.45 -0.04 0.00	20.23 -0.12 0.00	20.04 -0.12 0.00	19.96 -0.12 0.00	20.51 -0.17 0.00	22.14 0.02 0.00	31.47 -0.22 0.00	35.41 -0.43 -0.05	28.78 -0.32 0.00	25.20 -0.13 0.00	23.83 -0.10 0.00	23.11 -0.12 0.00	23.47 -0.16 0.00	23.99 -0.19 0.00	24.53 -0.25 0.00	26.62 -0.46 0.00	32.13 -0.66 0.00	44.21 -0.61 -1.22	34.17 -0.66 -0.21	30.86 -0.50 0.00	27.16 -0.47 0.00	25.33 -0.44 0.00	23.63 -0.24 0.00	22.44 -0.16 0.00
SENECA___115KV_TB3 355854	22.37 0.88 0.00	20.92 0.57 0.00	20.80 0.64 0.00	20.66 0.58 0.00	20.61 -0.06 0.00	23.05 0.93 0.00	32.13 0.44 0.00	35.32 -0.54 -0.07	29.54 0.44 0.00	26.16 0.84 0.00	24.77 0.84 0.00	23.95 0.72 0.00	24.34 0.71 0.00	24.79 0.60 0.00	25.19 0.42 0.00	26.84 -0.24 0.00	31.77 -1.02 0.00	43.68 -1.74 -1.82	33.14 -1.77 -0.29	30.65 -0.72 0.00	27.19 -0.44 0.00	25.51 -0.26 0.00	23.34 -0.53 0.00	22.10 -0.50 0.00
SENECA___ENERGY 23797	21.77 0.28 0.00	20.49 0.14 0.00	20.32 0.16 0.00	20.22 0.14 0.00	20.72 0.04 0.00	22.58 0.47 0.00	32.17 0.48 0.00	36.21 0.36 -0.06	29.45 0.35 0.00	25.75 0.43 0.00	24.33 0.41 0.00	23.55 0.33 0.00	23.92 0.28 0.00	24.40 0.22 0.00	24.97 0.20 0.00	27.11 0.03 0.00	32.56 -0.23 0.00	45.31 0.13 -1.57	34.68 -0.21 -0.27	31.43 0.06 0.00	27.60 -0.03 0.00	25.69 -0.08 0.00	23.77 -0.10 0.00	22.55 -0.05 0.00
SHOEMAKER___GT 23640	22.29 0.80 0.00	21.02 0.67 0.00	20.78 0.63 0.00	20.70 0.62 0.00	21.36 0.68 0.00	23.00 0.89 0.00	33.40 1.71 0.00	38.03 2.00 -0.24	30.64 1.54 0.00	26.59 1.27 0.00	25.08 1.15 0.00	24.34 1.11 0.00	24.77 1.13 0.00	25.34 1.16 0.00	25.96 1.19 0.00	28.52 1.43 0.00	34.56 1.77 0.00	52.17 2.48 -6.08	37.53 1.87 -1.04	32.97 1.60 0.00	29.01 1.38 0.00	27.08 1.31 0.00	24.94 1.07 0.00	23.48 0.88 0.00

SHOEMAKR_138KV_BK 111 55601	22.20 0.71 0.00	21.02 0.67 0.00	20.78 0.62 0.00	20.70 0.62 0.00	21.38 0.70 0.00	22.98 0.86 0.00	33.31 1.62 0.00	37.96 1.93 -0.24	30.65 1.54 0.00	26.61 1.29 0.00	25.10 1.17 0.00	24.36 1.14 0.00	24.79 1.16 0.00	25.34 1.16 0.00	26.01 1.24 0.00	28.52 1.44 0.00	34.53 1.74 0.00	52.08 2.44 -6.04	37.49 1.83 -1.03	32.94 1.57 0.00	28.98 1.35 0.00	27.03 1.26 0.00	24.96 1.10 0.00	23.52 0.93 0.00
SHOREHAM_IC_1 23715	30.89 1.76 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.23 3.45 -1.09	44.40 3.61 -4.99	34.46 2.56 -2.79	31.00 2.15 -3.53	31.22 1.94 -5.35	30.73 1.81 -5.69	30.50 1.77 -5.09	30.56 1.84 -4.54	31.86 1.93 -5.16	32.87 2.38 -3.40	61.29 3.41 -25.09	87.61 4.14 -39.86	51.58 3.12 -13.84	45.54 2.64 -11.54	36.27 2.35 -6.29	33.41 2.14 -5.51	31.89 1.79 -6.23	31.28 1.54 -7.15
SHOREHAM_IC_2 23716	30.89 1.76 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.23 3.45 -1.09	44.40 3.61 -4.99	34.46 2.56 -2.79	31.00 2.15 -3.53	31.22 1.94 -5.35	30.73 1.81 -5.69	30.50 1.77 -5.09	30.56 1.84 -4.54	31.86 1.93 -5.16	32.87 2.38 -3.40	61.29 3.41 -25.09	87.61 4.14 -39.86	51.58 3.12 -13.84	45.54 2.64 -11.54	36.27 2.35 -6.29	33.41 2.14 -5.51	31.89 1.79 -6.23	31.28 1.54 -7.15
SISSONVILLE____ 23735	21.10 -0.39 0.00	20.06 -0.28 0.00	19.89 -0.26 0.00	19.82 -0.26 0.00	20.49 -0.19 0.00	21.78 -0.33 0.00	31.37 -0.32 0.00	35.51 -0.29 -0.01	28.87 -0.23 0.00	25.07 -0.25 0.00	23.74 -0.19 0.00	23.04 -0.19 0.00	23.47 -0.17 0.00	24.01 -0.17 0.00	24.60 -0.17 0.00	26.84 -0.24 0.00	32.72 -0.07 0.00	43.71 -0.09 -0.19	34.65 0.00 -0.03	31.37 0.00 0.00	27.63 0.00 0.00	25.82 0.05 0.00	23.91 0.05 0.00	22.64 0.05 0.00
SITHE_IND_GS1 24169	21.17 -0.32 0.00	19.98 -0.37 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.26 -0.41 0.00	21.79 -0.33 0.00	30.86 -0.82 0.00	34.79 -1.04 -0.04	28.29 -0.81 0.00	24.71 -0.61 0.00	23.38 -0.55 0.00	22.67 -0.56 0.00	23.04 -0.59 0.00	23.55 -0.63 0.00	24.11 -0.67 0.00	26.21 -0.87 0.00	31.64 -1.15 0.00	43.37 -1.31 -1.07	33.62 -1.18 -0.18	30.33 -1.03 0.00	26.72 -0.91 0.00	24.94 -0.83 0.00	23.24 -0.62 0.00	22.12 -0.48 0.00
SITHE_IND_GS2 24170	21.17 -0.32 0.00	19.98 -0.37 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.26 -0.41 0.00	21.79 -0.33 0.00	30.86 -0.82 0.00	34.79 -1.04 -0.04	28.29 -0.81 0.00	24.71 -0.61 0.00	23.38 -0.55 0.00	22.67 -0.56 0.00	23.04 -0.59 0.00	23.55 -0.63 0.00	24.11 -0.67 0.00	26.21 -0.87 0.00	31.64 -1.15 0.00	43.37 -1.31 -1.07	33.62 -1.18 -0.18	30.33 -1.03 0.00	26.72 -0.91 0.00	24.94 -0.83 0.00	23.24 -0.62 0.00	22.12 -0.48 0.00
SITHE_IND_GS3 24171	21.17 -0.32 0.00	19.98 -0.37 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.26 -0.41 0.00	21.79 -0.33 0.00	30.86 -0.82 0.00	34.79 -1.04 -0.04	28.29 -0.81 0.00	24.71 -0.61 0.00	23.38 -0.55 0.00	22.67 -0.56 0.00	23.04 -0.59 0.00	23.55 -0.63 0.00	24.11 -0.67 0.00	26.21 -0.87 0.00	31.64 -1.15 0.00	43.37 -1.31 -1.07	33.62 -1.18 -0.18	30.33 -1.03 0.00	26.72 -0.91 0.00	24.94 -0.83 0.00	23.24 -0.62 0.00	22.12 -0.48 0.00
SITHE_IND_GS4 24172	21.17 -0.32 0.00	19.98 -0.37 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.26 -0.41 0.00	21.79 -0.33 0.00	30.86 -0.82 0.00	34.79 -1.04 -0.04	28.29 -0.81 0.00	24.71 -0.61 0.00	23.38 -0.55 0.00	22.67 -0.56 0.00	23.04 -0.59 0.00	23.55 -0.63 0.00	24.11 -0.67 0.00	26.21 -0.87 0.00	31.64 -1.15 0.00	43.37 -1.31 -1.07	33.62 -1.18 -0.18	30.33 -1.03 0.00	26.72 -0.91 0.00	24.94 -0.83 0.00	23.24 -0.62 0.00	22.12 -0.48 0.00
SITHE____BATAVIA 24024	22.41 0.92 0.00	20.90 0.55 0.00	20.80 0.64 0.00	20.64 0.56 0.00	20.88 0.21 0.00	23.07 0.95 0.00	32.36 0.67 0.00	36.57 0.72 -0.07	29.98 0.87 0.00	26.34 1.01 0.00	24.93 1.00 0.00	24.09 0.86 0.00	24.44 0.80 0.00	24.91 0.72 0.00	25.44 0.67 0.00	26.95 -0.13 0.00	32.07 -0.72 0.00	44.72 -0.57 -1.68	33.96 -0.93 -0.27	31.12 -0.25 0.00	27.24 -0.39 0.00	25.46 -0.31 0.00	23.51 -0.36 0.00	22.42 -0.18 0.00
SITHE____INDEPEND 23800	21.15 -0.34 0.00	19.98 -0.37 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.22 -0.45 0.00	21.78 -0.33 0.00	30.93 -0.76 0.00	34.76 -1.07 -0.04	28.26 -0.84 0.00	24.69 -0.63 0.00	23.35 -0.57 0.00	22.65 -0.58 0.00	23.04 -0.59 0.00	23.55 -0.63 0.00	24.08 -0.69 0.00	26.22 -0.87 0.00	31.67 -1.11 0.00	43.32 -1.35 -1.07	33.62 -1.18 -0.18	30.33 -1.04 0.00	26.75 -0.88 0.00	24.99 -0.77 0.00	23.27 -0.60 0.00	22.12 -0.47 0.00
SITHE____MASSENA 23902	21.15 -0.34 0.00	20.15 -0.20 0.00	19.97 -0.18 0.00	19.90 -0.18 0.00	20.55 -0.12 0.00	21.81 -0.31 0.00	31.31 -0.38 0.00	35.36 -0.43 0.00	28.78 -0.32 0.00	25.02 -0.30 0.00	23.69 -0.24 0.00	22.99 -0.23 0.00	23.42 -0.21 0.00	23.96 -0.22 0.00	24.60 -0.17 0.00	26.89 -0.19 0.00	32.72 -0.07 0.00	43.39 -0.22 0.00	34.58 -0.03 0.00	31.30 -0.06 0.00	27.60 -0.03 0.00	25.74 -0.03 0.00	23.82 -0.05 0.00	22.57 -0.02 0.00
SITHE____OGDNSBRG 24021	21.40 -0.09 0.00	20.35 0.00 0.00	20.16 0.00 0.00	20.10 0.02 0.00	20.76 0.08 0.00	22.05 -0.07 0.00	31.82 0.13 0.00	35.97 0.18 -0.01	29.25 0.15 0.00	25.37 0.05 0.00	24.00 0.07 0.00	23.27 0.05 0.00	23.71 0.07 0.00	24.28 0.10 0.00	24.92 0.15 0.00	27.27 0.19 0.00	33.25 0.46 0.00	44.37 0.61 -0.15	35.20 0.55 -0.03	31.90 0.53 0.00	28.10 0.47 0.00	26.18 0.41 0.00	24.18 0.31 0.00	22.89 0.29 0.00
SITHE____STERLING 23777	22.20 0.71 0.00	20.98 0.63 0.00	20.74 0.58 0.00	20.68 0.60 0.00	21.25 0.58 0.00	22.94 0.82 0.00	32.99 1.30 0.00	37.11 1.29 -0.03	30.15 1.05 0.00	26.31 0.99 0.00	24.89 0.96 0.00	24.09 0.86 0.00	24.48 0.85 0.00	25.08 0.90 0.00	25.71 0.94 0.00	27.95 0.87 0.00	33.90 1.12 0.00	46.09 1.70 -0.78	35.86 1.11 -0.13	32.43 1.07 0.00	28.54 0.91 0.00	26.49 0.72 0.00	24.61 0.74 0.00	23.32 0.72 0.00
SLEIGHT__34_KV_TB1 80719	21.60 0.11 0.00	20.29 -0.06 0.00	20.14 -0.02 0.00	20.02 -0.06 0.00	20.39 -0.29 0.00	22.36 0.24 0.00	31.72 0.03 0.00	35.71 -0.14 -0.06	29.07 -0.03 0.00	25.45 0.13 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.73 0.09 0.00	24.21 0.02 0.00	24.67 -0.10 0.00	26.78 -0.30 0.00	32.23 -0.56 0.00	44.89 -0.26 -1.54	34.33 -0.55 -0.26	31.02 -0.35 0.00	27.30 -0.33 0.00	25.53 -0.23 0.00	23.53 -0.33 0.00	22.24 -0.36 0.00
SOUTH CAIRO____GT 23612	22.59 1.10 0.00	21.31 0.96 0.00	21.10 0.95 0.00	21.00 0.92 0.00	21.79 1.12 0.00	23.60 1.48 0.00	34.32 2.63 0.00	38.68 2.58 -0.31	30.88 1.78 0.00	26.34 1.01 0.00	24.81 0.89 0.00	24.02 0.79 0.00	24.51 0.87 0.00	25.17 0.99 0.00	25.79 1.02 0.00	28.63 1.54 0.00	35.02 2.23 0.00	54.68 3.23 -7.85	38.49 2.53 -1.34	33.72 2.35 0.00	29.56 1.93 0.00	27.52 1.75 0.00	25.32 1.46 0.00	23.88 1.29 0.00

SOUTH HAMPTN___IC 23720	31.13 2.00 -7.64	27.95 1.65 -5.96	25.95 1.55 -4.24	23.78 1.55 -2.16	27.32 1.63 -5.02	31.57 2.03 -7.42	36.61 3.83 -1.09	45.04 4.26 -4.99	35.21 3.32 -2.79	31.56 2.71 -3.53	31.75 2.47 -5.35	31.24 2.32 -5.69	31.01 2.29 -5.09	31.09 2.37 -4.54	32.43 2.50 -5.16	33.60 3.11 -3.40	61.91 4.03 -25.09	88.52 5.06 -39.86	52.27 3.81 -13.84	46.20 3.29 -11.54	36.82 2.90 -6.29	33.93 2.65 -5.51	32.22 2.12 -6.23	31.57 1.83 -7.15
SOUTHDOW_115KV_TB1 355954	23.27 1.78 0.00	21.81 1.47 0.00	21.71 1.55 0.00	21.55 1.47 0.00	21.52 0.85 0.00	24.06 1.95 0.00	33.84 2.15 0.00	36.90 1.04 -0.07	31.08 1.98 0.00	27.60 2.28 0.00	26.06 2.13 0.00	25.15 1.93 0.00	25.53 1.89 0.00	25.92 1.74 0.00	26.33 1.56 0.00	28.03 0.95 0.00	33.18 0.39 0.00	45.36 -0.13 -1.88	34.16 -0.76 -0.30	31.65 0.28 0.00	28.13 0.50 0.00	26.33 0.57 0.00	24.03 0.17 0.00	22.73 0.14 0.00
SOUTHOLD_69_KV_BK 2 55809	31.34 2.21 -7.64	28.22 1.91 -5.96	26.23 1.83 -4.24	24.06 1.83 -2.16	27.65 1.96 -5.02	31.93 2.39 -7.42	36.99 4.21 -1.09	45.61 4.83 -4.99	35.74 3.84 -2.79	31.99 3.14 -3.53	32.10 2.82 -5.35	31.59 2.67 -5.69	31.35 2.62 -5.09	31.40 2.68 -4.54	32.98 3.05 -5.16	34.09 3.60 -3.40	62.50 4.62 -25.09	89.40 5.93 -39.86	53.00 4.54 -13.84	46.86 3.95 -11.54	37.40 3.48 -6.29	34.26 2.99 -5.51	32.62 2.53 -6.23	31.96 2.21 -7.15
SOUTHOLD___IC 23719	31.43 2.30 -7.64	28.22 1.91 -5.96	26.23 1.83 -4.24	24.06 1.83 -2.16	27.61 1.92 -5.02	31.93 2.39 -7.42	37.12 4.34 -1.09	45.69 4.90 -4.99	35.71 3.81 -2.79	31.96 3.11 -3.53	32.10 2.82 -5.35	31.61 2.69 -5.69	31.37 2.65 -5.09	31.43 2.71 -4.54	32.83 2.90 -5.16	34.09 3.60 -3.40	62.50 4.62 -25.09	89.44 5.97 -39.86	53.00 4.53 -13.84	46.86 3.95 -11.54	37.35 3.43 -6.29	34.41 3.14 -5.51	32.62 2.53 -6.23	31.91 2.17 -7.15
SOUTH_FORK_WT_PWR 323839	31.39 2.26 -7.64	28.26 1.95 -5.96	26.27 1.87 -4.24	24.10 1.87 -2.16	27.70 2.01 -5.02	31.97 2.43 -7.42	37.05 4.28 -1.09	45.79 5.01 -4.99	35.85 3.96 -2.79	32.04 3.19 -3.53	32.15 2.87 -5.35	31.64 2.72 -5.69	31.39 2.67 -5.09	31.45 2.73 -4.54	33.08 3.15 -5.16	34.22 3.74 -3.40	62.60 4.72 -25.09	89.57 6.10 -39.86	53.17 4.71 -13.84	46.99 4.08 -11.54	37.54 3.62 -6.29	34.31 3.04 -5.51	32.67 2.58 -6.23	31.98 2.24 -7.15
SPIERFLS_115KV_TB 1 80737	22.71 1.22 0.00	21.45 1.10 0.00	21.22 1.07 0.00	21.16 1.08 0.00	21.98 1.30 0.00	23.75 1.64 0.00	34.38 2.69 0.00	39.21 3.08 -0.34	31.34 2.24 0.00	26.94 1.62 0.00	25.34 1.41 0.00	24.76 1.53 0.00	25.29 1.65 0.00	25.73 1.55 0.00	26.46 1.68 0.00	28.41 1.33 0.00	34.13 1.34 0.00	54.56 2.27 -8.68	37.73 1.63 -1.49	32.68 1.32 0.00	28.71 1.08 0.00	26.56 0.80 0.00	24.68 0.81 0.00	24.22 1.63 0.00
ST LAWRENCE___ 23600	20.95 -0.54 0.00	19.96 -0.39 0.00	19.79 -0.36 0.00	19.72 -0.36 0.00	20.37 -0.31 0.00	21.56 -0.55 0.00	30.93 -0.76 0.00	34.97 -0.82 0.00	28.46 -0.64 0.00	24.74 -0.58 0.00	23.40 -0.53 0.00	22.74 -0.49 0.00	23.16 -0.47 0.00	23.70 -0.48 0.00	24.33 -0.45 0.00	26.65 -0.43 0.00	32.36 -0.43 0.00	42.86 -0.74 0.00	34.21 -0.41 0.00	30.96 -0.41 0.00	27.30 -0.33 0.00	25.43 -0.34 0.00	23.53 -0.33 0.00	22.26 -0.34 0.00
STATE_CA_115KV_115_LB 55624	21.90 0.41 0.00	20.72 0.37 0.00	20.52 0.36 0.00	20.46 0.38 0.00	21.13 0.45 0.00	22.74 0.62 0.00	32.80 1.11 0.00	37.56 1.43 -0.34	30.15 1.05 0.00	26.03 0.71 0.00	24.62 0.69 0.00	23.90 0.67 0.00	24.37 0.73 0.00	25.00 0.82 0.00	25.57 0.79 0.00	28.08 1.00 0.00	34.07 1.28 0.00	53.91 1.83 -8.47	37.45 1.38 -1.45	32.53 1.16 0.00	28.62 0.99 0.00	26.64 0.88 0.00	24.68 0.81 0.00	23.27 0.68 0.00
STATE_ST_34_KV_LOAD 55959	21.88 0.39 0.00	20.63 0.28 0.00	20.44 0.28 0.00	20.36 0.28 0.00	20.84 0.17 0.00	22.67 0.55 0.00	32.35 0.67 0.00	36.64 0.79 -0.06	30.03 0.93 0.00	26.06 0.73 0.00	24.62 0.69 0.00	23.85 0.63 0.00	24.23 0.59 0.00	24.74 0.56 0.00	25.42 0.64 0.00	27.54 0.46 0.00	33.25 0.46 0.00	46.12 0.96 -1.56	35.37 0.48 -0.27	31.96 0.60 0.00	28.16 0.52 0.00	26.07 0.31 0.00	24.08 0.21 0.00	22.80 0.20 0.00
STATION 5_MISC_HYD 23604	22.00 0.51 0.00	20.57 0.22 0.00	20.46 0.30 0.00	20.30 0.22 0.00	20.65 -0.02 0.00	22.65 0.53 0.00	31.88 0.19 0.00	36.10 0.25 -0.06	29.54 0.44 0.00	25.86 0.53 0.00	24.50 0.57 0.00	23.72 0.49 0.00	24.08 0.45 0.00	24.54 0.36 0.00	25.07 0.30 0.00	26.87 -0.22 0.00	32.10 -0.69 0.00	44.84 -0.35 -1.58	34.20 -0.69 -0.27	31.02 -0.34 0.00	27.22 -0.41 0.00	25.40 -0.36 0.00	23.46 -0.41 0.00	22.35 -0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.96 0.47 0.00	20.61 0.26 0.00	20.48 0.32 0.00	20.36 0.28 0.00	20.67 0.00 0.00	22.71 0.60 0.00	32.23 0.54 0.00	36.17 0.32 -0.06	29.57 0.47 0.00	25.91 0.58 0.00	24.53 0.60 0.00	23.76 0.53 0.00	24.13 0.50 0.00	24.62 0.44 0.00	25.07 0.30 0.00	27.14 0.05 0.00	32.63 -0.16 0.00	45.43 0.26 -1.56	34.68 -0.21 -0.27	31.43 0.06 0.00	27.66 0.03 0.00	25.87 0.10 0.00	23.82 -0.05 0.00	22.51 -0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.75 0.26 0.00	20.39 0.04 0.00	20.26 0.10 0.00	20.12 0.04 0.00	20.32 -0.35 0.00	22.43 0.31 0.00	31.59 -0.10 0.00	35.60 -0.25 -0.06	29.10 0.00 0.00	25.53 0.20 0.00	24.17 0.24 0.00	23.46 0.23 0.00	23.82 0.19 0.00	24.28 0.10 0.00	24.75 -0.02 0.00	26.70 -0.38 0.00	32.00 -0.79 0.00	44.61 -0.57 -1.57	34.06 -0.83 -0.27	30.87 -0.50 0.00	27.19 -0.44 0.00	25.43 -0.33 0.00	23.39 -0.48 0.00	22.12 -0.47 0.00
STA_56___34_KV_BUS2 355983	21.75 0.26 0.00	20.39 0.04 0.00	20.26 0.10 0.00	20.12 0.04 0.00	20.32 -0.35 0.00	22.43 0.31 0.00	31.59 -0.10 0.00	35.60 -0.25 -0.06	29.10 0.00 0.00	25.53 0.20 0.00	24.17 0.24 0.00	23.46 0.23 0.00	23.82 0.19 0.00	24.28 0.10 0.00	24.75 -0.02 0.00	26.70 -0.38 0.00	32.00 -0.79 0.00	44.61 -0.57 -1.57	34.06 -0.83 -0.27	30.87 -0.50 0.00	27.19 -0.44 0.00	25.43 -0.33 0.00	23.39 -0.48 0.00	22.12 -0.47 0.00
STA_67___115KV_BK2 355882	21.94 0.45 0.00	20.55 0.20 0.00	20.42 0.26 0.00	20.28 0.20 0.00	20.45 -0.23 0.00	22.60 0.49 0.00	31.78 0.10 0.00	35.78 -0.07 -0.06	29.28 0.17 0.00	25.68 0.35 0.00	24.33 0.41 0.00	23.60 0.37 0.00	23.97 0.33 0.00	24.42 0.24 0.00	24.92 0.15 0.00	26.81 -0.27 0.00	32.07 -0.72 0.00	44.71 -0.48 -1.58	34.13 -0.76 -0.27	30.96 -0.41 0.00	27.33 -0.30 0.00	25.53 -0.23 0.00	23.48 -0.38 0.00	22.21 -0.38 0.00
STA_7___115KV_9TRANS 80674	22.07 0.58 0.00	20.65 0.31 0.00	20.52 0.36 0.00	20.38 0.30 0.00	20.55 -0.12 0.00	22.71 0.60 0.00	31.97 0.29 0.00	36.03 0.18 -0.06	29.48 0.38 0.00	25.85 0.53 0.00	24.50 0.57 0.00	23.76 0.53 0.00	24.13 0.50 0.00	24.59 0.41 0.00	25.10 0.32 0.00	27.03 -0.05 0.00	32.33 -0.46 0.00	45.10 -0.09 -1.58	34.41 -0.48 -0.27	31.21 -0.16 0.00	27.52 -0.11 0.00	25.71 -0.05 0.00	23.63 -0.24 0.00	22.33 -0.27 0.00

STA_82___115KV_TB1 80780	21.92 0.43 0.00	20.53 0.18 0.00	20.40 0.24 0.00	20.26 0.18 0.00	20.43 -0.25 0.00	22.58 0.46 0.00	31.75 0.06 0.00	35.74 -0.11 -0.06	29.25 0.15 0.00	25.68 0.35 0.00	24.31 0.38 0.00	23.57 0.35 0.00	23.94 0.31 0.00	24.40 0.22 0.00	24.90 0.12 0.00	26.78 -0.30 0.00	32.03 -0.75 0.00	44.66 -0.52 -1.58	34.09 -0.80 -0.27	30.93 -0.44 0.00	27.30 -0.33 0.00	25.51 -0.26 0.00	23.46 -0.41 0.00	22.19 -0.41 0.00
STEEL___WIND 323596	22.39 0.90 0.00	20.90 0.55 0.00	20.78 0.63 0.00	20.64 0.56 0.00	20.84 0.16 0.00	23.05 0.93 0.00	32.23 0.54 0.00	36.36 0.50 -0.07	29.83 0.73 0.00	26.36 1.04 0.00	24.96 1.03 0.00	24.04 0.81 0.00	24.44 0.80 0.00	24.88 0.70 0.00	25.42 0.64 0.00	26.81 -0.27 0.00	31.71 -1.08 0.00	43.68 -1.75 -1.82	33.10 -1.80 -0.29	30.61 -0.75 0.00	26.91 -0.72 0.00	25.15 -0.62 0.00	23.27 -0.60 0.00	22.17 -0.43 0.00
STEPHTWN_115KV_BK_2 55603	22.03 0.54 0.00	20.84 0.49 0.00	20.64 0.48 0.00	20.58 0.50 0.00	21.25 0.58 0.00	22.91 0.80 0.00	33.08 1.39 0.00	37.84 1.72 -0.33	30.35 1.25 0.00	26.21 0.89 0.00	24.77 0.84 0.00	24.02 0.79 0.00	24.51 0.87 0.00	25.15 0.97 0.00	25.69 0.92 0.00	28.25 1.16 0.00	34.30 1.51 0.00	54.19 2.22 -8.36	37.75 1.70 -1.43	32.78 1.41 0.00	28.82 1.19 0.00	26.85 1.08 0.00	24.87 1.00 0.00	23.43 0.84 0.00
STEBEN_REC_LFGE 323667	22.67 1.18 0.00	21.26 0.92 0.00	21.14 0.99 0.00	21.04 0.96 0.00	21.30 0.62 0.00	23.75 1.64 0.00	33.72 2.03 0.00	37.27 1.40 -0.09	30.82 1.72 0.00	27.15 1.82 0.00	25.63 1.70 0.00	24.74 1.51 0.00	25.10 1.47 0.00	25.61 1.43 0.00	26.01 1.24 0.00	27.98 0.89 0.00	33.38 0.59 0.00	46.60 0.83 -2.16	35.15 0.17 -0.36	32.15 0.78 0.00	28.38 0.75 0.00	26.49 0.72 0.00	24.13 0.26 0.00	22.76 0.16 0.00
STILLWATER___SOLAR 323814	22.48 0.99 0.00	21.22 0.88 0.00	21.02 0.87 0.00	20.94 0.86 0.00	21.71 1.03 0.00	23.42 1.30 0.00	33.84 2.15 0.00	38.67 2.54 -0.34	30.99 1.89 0.00	26.69 1.37 0.00	25.12 1.20 0.00	24.46 1.23 0.00	24.96 1.32 0.00	25.54 1.35 0.00	26.24 1.46 0.00	28.63 1.54 0.00	34.63 1.84 0.00	54.99 2.75 -8.64	38.17 2.08 -1.48	33.12 1.76 0.00	29.12 1.49 0.00	27.05 1.29 0.00	25.01 1.15 0.00	23.93 1.33 0.00
STONY___BROOK 24151	30.83 1.70 -7.64	27.77 1.47 -5.96	25.77 1.37 -4.24	23.60 1.37 -2.16	27.14 1.45 -5.02	31.31 1.77 -7.42	36.04 3.26 -1.09	44.79 4.01 -4.99	35.07 3.17 -2.79	31.38 2.53 -3.53	31.60 2.32 -5.35	31.20 2.28 -5.69	30.99 2.27 -5.09	31.04 2.32 -4.54	32.31 2.38 -5.16	33.46 2.98 -3.40	61.58 3.70 -25.09	88.39 4.93 -39.86	52.17 3.71 -13.84	46.17 3.26 -11.54	36.77 2.85 -6.29	33.93 2.65 -5.51	32.20 2.10 -6.23	31.55 1.81 -7.15
STURGEON_POOL_HYD 23609	22.44 0.95 0.00	21.22 0.88 0.00	20.96 0.81 0.00	20.88 0.80 0.00	21.61 0.93 0.00	23.22 1.11 0.00	33.75 2.06 0.00	38.25 2.18 -0.27	30.97 1.86 0.00	26.94 1.62 0.00	25.36 1.44 0.00	24.64 1.42 0.00	25.05 1.42 0.00	25.61 1.43 0.00	26.24 1.46 0.00	28.82 1.73 0.00	34.92 2.13 0.00	53.18 2.66 -6.91	37.81 2.01 -1.18	33.28 1.91 0.00	29.29 1.66 0.00	27.36 1.60 0.00	25.25 1.38 0.00	23.75 1.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.29 0.80 0.00	21.12 0.77 0.00	20.86 0.71 0.00	20.78 0.70 0.00	21.48 0.81 0.00	23.07 0.95 0.00	33.46 1.77 0.00	38.15 2.11 -0.25	30.79 1.69 0.00	26.82 1.49 0.00	25.27 1.34 0.00	24.55 1.32 0.00	24.96 1.32 0.00	25.51 1.33 0.00	26.14 1.36 0.00	28.65 1.57 0.00	34.69 1.90 0.00	52.51 2.66 -6.24	37.70 2.01 -1.07	33.06 1.69 0.00	29.09 1.46 0.00	27.18 1.42 0.00	25.08 1.22 0.00	23.61 1.02 0.00
SWANROAD_115KV_TB1 355699	21.73 0.24 0.00	20.27 -0.08 0.00	20.16 0.00 0.00	20.02 -0.06 0.00	19.93 -0.74 0.00	22.36 0.24 0.00	30.99 -0.70 0.00	34.32 -1.54 -0.07	28.43 -0.67 0.00	25.20 -0.13 0.00	23.86 -0.07 0.00	23.09 -0.14 0.00	23.47 -0.17 0.00	23.92 -0.27 0.00	24.28 -0.50 0.00	25.84 -1.25 0.00	30.56 -2.23 0.00	42.30 -3.05 -1.75	32.19 -2.70 -0.27	29.61 -1.76 0.00	26.28 -1.35 0.00	24.66 -1.11 0.00	22.60 -1.26 0.00	21.40 -1.20 0.00
SYNERGY___BIOGAS 323694	22.41 0.92 0.00	20.90 0.55 0.00	20.80 0.64 0.00	20.64 0.56 0.00	20.88 0.21 0.00	23.07 0.95 0.00	32.36 0.67 0.00	36.57 0.72 -0.07	29.98 0.87 0.00	26.34 1.01 0.00	24.93 1.00 0.00	24.09 0.86 0.00	24.44 0.80 0.00	24.91 0.72 0.00	25.44 0.67 0.00	26.95 -0.13 0.00	32.07 -0.72 0.00	44.72 -0.57 -1.68	33.96 -0.93 -0.27	31.12 -0.25 0.00	27.24 -0.39 0.00	25.46 -0.31 0.00	23.51 -0.36 0.00	22.42 -0.18 0.00
SYRACUSE___ENERGY_ST1 323597	21.68 0.19 0.00	20.47 0.12 0.00	20.28 0.12 0.00	20.20 0.12 0.00	20.72 0.04 0.00	22.43 0.31 0.00	31.91 0.22 0.00	35.88 0.04 -0.05	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.03 -0.05 0.00	32.63 -0.16 0.00	45.03 0.04 -1.38	34.68 -0.17 -0.24	31.30 -0.06 0.00	27.60 -0.03 0.00	25.79 0.03 0.00	23.91 0.05 0.00	22.66 0.07 0.00
SYRACUSE___ENERGY_ST2 323598	21.68 0.19 0.00	20.47 0.12 0.00	20.28 0.12 0.00	20.20 0.12 0.00	20.72 0.04 0.00	22.43 0.31 0.00	31.91 0.22 0.00	35.88 0.04 -0.05	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.03 -0.05 0.00	32.63 -0.16 0.00	45.03 0.04 -1.38	34.68 -0.17 -0.24	31.30 -0.06 0.00	27.60 -0.03 0.00	25.79 0.03 0.00	23.91 0.05 0.00	22.66 0.07 0.00
SYRACUSE___POWER 24017	21.64 0.15 0.00	20.43 0.08 0.00	20.24 0.08 0.00	20.16 0.08 0.00	20.67 0.00 0.00	22.36 0.24 0.00	31.85 0.16 0.00	35.81 -0.04 -0.06	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.00 -0.08 0.00	32.56 -0.23 0.00	44.97 -0.04 -1.40	34.62 -0.24 -0.24	31.24 -0.13 0.00	27.57 -0.06 0.00	25.77 0.00 0.00	23.87 0.00 0.00	22.64 0.05 0.00
TALLMAN___138KV_BK151 55660	22.37 0.88 0.00	21.20 0.85 0.00	20.96 0.81 0.00	20.86 0.78 0.00	21.56 0.89 0.00	23.16 1.04 0.00	33.62 1.93 0.00	38.44 2.40 -0.26	31.02 1.92 0.00	27.02 1.70 0.00	25.46 1.53 0.00	24.74 1.51 0.00	25.17 1.54 0.00	25.70 1.52 0.00	26.33 1.56 0.00	28.90 1.81 0.00	34.95 2.16 0.00	53.09 3.05 -6.43	37.97 2.25 -1.10	33.28 1.91 0.00	29.29 1.66 0.00	27.34 1.57 0.00	25.25 1.38 0.00	23.75 1.15 0.00
TEALLAVE_115KV_TB7 355573	21.58 0.09 0.00	20.37 0.02 0.00	20.18 0.02 0.00	20.10 0.02 0.00	20.59 -0.08 0.00	22.27 0.15 0.00	31.66 -0.03 0.00	35.62 -0.21 -0.05	28.99 -0.12 0.00	25.40 0.08 0.00	24.00 0.07 0.00	23.27 0.05 0.00	23.66 0.02 0.00	24.18 0.00 0.00	24.70 -0.07 0.00	26.87 -0.22 0.00	32.36 -0.43 0.00	44.58 -0.31 -1.28	34.39 -0.45 -0.22	31.05 -0.31 0.00	27.41 -0.22 0.00	25.64 -0.13 0.00	23.77 -0.10 0.00	22.55 -0.05 0.00

TELGRAPH_34_KV_EAST 80808	22.16 0.67 0.00	20.67 0.33 0.00	20.56 0.40 0.00	20.42 0.34 0.00	20.39 -0.29 0.00	22.80 0.69 0.00	31.78 0.10 0.00	35.28 -0.57 -0.07	29.19 0.09 0.00	25.80 0.48 0.00	24.43 0.50 0.00	23.67 0.44 0.00	24.04 0.40 0.00	24.50 0.31 0.00	24.87 0.10 0.00	26.54 -0.54 0.00	31.48 -1.31 0.00	43.66 -1.66 -1.71	33.23 -1.66 -0.27	30.49 -0.88 0.00	26.99 -0.64 0.00	25.33 -0.44 0.00	23.17 -0.69 0.00	21.92 -0.68 0.00
TEMPLE___115KV_TB 2 55572	21.60 0.11 0.00	20.37 0.02 0.00	20.18 0.02 0.00	20.10 0.02 0.00	20.61 -0.06 0.00	22.29 0.18 0.00	31.69 0.00 0.00	35.66 -0.18 -0.05	29.02 -0.09 0.00	25.42 0.10 0.00	24.05 0.12 0.00	23.30 0.07 0.00	23.68 0.05 0.00	24.21 0.02 0.00	24.72 -0.05 0.00	26.89 -0.19 0.00	32.40 -0.39 0.00	44.63 -0.26 -1.29	34.42 -0.42 -0.22	31.08 -0.28 0.00	27.44 -0.19 0.00	25.66 -0.10 0.00	23.79 -0.07 0.00	22.55 -0.05 0.00
TIANA___69_KV_BK 1 55817	30.96 1.83 -7.64	27.89 1.59 -5.96	25.89 1.49 -4.24	23.72 1.49 -2.16	27.30 1.61 -5.02	31.51 1.97 -7.42	36.32 3.55 -1.09	44.83 4.04 -4.99	35.13 3.23 -2.79	31.51 2.66 -3.53	31.67 2.39 -5.35	31.17 2.25 -5.69	30.94 2.22 -5.09	30.97 2.25 -4.54	32.48 2.55 -5.16	33.49 3.01 -3.40	61.72 3.84 -25.09	88.31 4.84 -39.86	52.13 3.67 -13.84	46.04 3.14 -11.54	36.71 2.79 -6.29	33.67 2.40 -5.51	32.15 2.05 -6.23	31.53 1.79 -7.15
TILDEN___115KV_TB1 80814	21.64 0.15 0.00	20.43 0.08 0.00	20.24 0.08 0.00	20.16 0.08 0.00	20.67 0.00 0.00	22.36 0.24 0.00	31.85 0.16 0.00	35.81 -0.04 -0.06	29.16 0.06 0.00	25.53 0.20 0.00	24.12 0.19 0.00	23.39 0.16 0.00	23.78 0.14 0.00	24.30 0.12 0.00	24.80 0.02 0.00	27.00 -0.08 0.00	32.56 -0.23 0.00	44.97 -0.04 -1.40	34.62 -0.24 -0.24	31.24 -0.13 0.00	27.57 -0.06 0.00	25.77 0.00 0.00	23.87 0.00 0.00	22.64 0.05 0.00
TRIGEN___CC 323695	30.48 1.35 -7.64	27.61 1.30 -5.96	25.63 1.23 -4.24	23.44 1.20 -2.16	27.03 1.34 -5.02	31.08 1.55 -7.42	35.47 2.69 -1.09	44.18 3.40 -4.99	34.66 2.76 -2.79	31.20 2.36 -3.53	31.41 2.13 -5.35	31.03 2.11 -5.69	30.85 2.13 -5.09	30.85 2.13 -4.54	32.23 2.30 -5.16	33.06 2.57 -3.40	60.96 3.08 -25.09	87.65 4.19 -39.86	51.65 3.18 -13.84	45.76 2.85 -11.54	36.38 2.46 -6.29	33.49 2.22 -5.51	32.08 1.98 -6.23	31.44 1.69 -7.15
TRINITY___115KV___4 BK 55933	21.77 0.28 0.00	20.61 0.26 0.00	20.42 0.26 0.00	20.34 0.26 0.00	20.99 0.31 0.00	22.58 0.46 0.00	32.58 0.89 0.00	37.27 1.15 -0.33	29.92 0.81 0.00	25.85 0.53 0.00	24.45 0.53 0.00	23.76 0.53 0.00	24.20 0.57 0.00	24.81 0.63 0.00	25.37 0.59 0.00	27.90 0.81 0.00	33.81 1.02 -8.37	53.41 1.44 -1.43	37.16 1.11 0.00	32.28 0.91 0.00	28.40 0.77 0.00	26.46 0.70 0.00	24.53 0.67 0.00	23.14 0.54 0.00
UNION___PROCESSING_DRP 323587	21.94 0.45 0.00	20.53 0.18 0.00	20.40 0.24 0.00	20.26 0.18 0.00	20.45 -0.23 0.00	22.60 0.49 0.00	31.78 0.10 0.00	35.78 -0.07 -0.06	29.28 0.17 0.00	25.68 0.35 0.00	24.31 0.38 0.00	23.57 0.35 0.00	23.94 0.31 0.00	24.42 0.24 0.00	24.90 0.12 0.00	26.81 -0.27 0.00	32.03 -0.75 0.00	44.66 -0.52 -1.58	34.13 -0.76 -0.27	30.93 -0.44 0.00	27.30 -0.33 0.00	25.51 -0.26 0.00	23.48 -0.38 0.00	22.19 -0.41 0.00
UPPER HUDSON___HYD 24058	22.76 1.27 0.00	21.45 1.10 0.00	21.22 1.07 0.00	21.16 1.08 0.00	21.96 1.28 0.00	23.75 1.64 0.00	33.53 1.84 0.00	38.21 2.07 -0.34	30.50 1.40 0.00	26.21 0.89 0.00	24.62 0.69 0.00	24.06 0.83 0.00	24.60 0.97 0.00	25.03 0.85 0.00	25.69 0.92 0.00	28.41 1.33 0.00	34.13 1.34 0.00	54.55 2.27 -8.68	37.73 1.63 -1.49	32.72 1.35 0.00	29.48 1.85 0.00	27.36 1.60 0.00	25.35 1.48 0.00	24.20 1.60 0.00
UPPER RAQUET___HYD 24056	21.04 -0.45 0.00	20.06 -0.28 0.00	19.89 -0.26 0.00	19.82 -0.26 0.00	20.49 -0.19 0.00	21.79 -0.33 0.00	31.37 -0.32 0.00	35.44 -0.36 -0.01	28.87 -0.23 0.00	25.07 -0.25 0.00	23.74 -0.19 0.00	23.04 -0.19 0.00	23.44 -0.19 0.00	24.01 -0.17 0.00	24.63 -0.15 0.00	26.84 -0.24 0.00	32.72 -0.07 0.00	43.71 -0.09 -0.19	34.65 0.00 -0.03	31.37 0.00 0.00	27.63 0.00 0.00	25.82 0.05 0.00	23.91 0.05 0.00	22.64 0.05 0.00
VALLEY44_115KV_TB2 355964	22.59 1.10 0.00	21.16 0.81 0.00	21.04 0.89 0.00	20.92 0.84 0.00	20.94 0.27 0.00	23.27 1.15 0.00	32.70 1.01 0.00	35.08 -0.79 -0.08	29.80 0.70 0.00	26.41 1.09 0.00	24.96 1.03 0.00	24.11 0.88 0.00	24.49 0.85 0.00	24.93 0.75 0.00	25.39 0.62 0.00	27.08 0.00 0.00	32.10 -0.69 0.00	43.37 -2.14 -1.90	32.78 -2.15 -0.30	30.83 -0.53 0.00	27.46 -0.17 0.00	25.82 0.05 0.00	23.63 -0.24 0.00	22.42 -0.18 0.00
VALLEY___115KV_TB 1-4 80826	21.81 0.32 0.00	20.67 0.33 0.00	20.48 0.32 0.00	20.40 0.32 0.00	21.01 0.33 0.00	22.56 0.44 0.00	32.48 0.79 0.00	36.55 0.75 -0.01	29.74 0.64 0.00	26.06 0.73 0.00	24.65 0.72 0.00	23.92 0.70 0.00	24.37 0.73 0.00	24.96 0.77 0.00	25.39 0.62 0.00	27.79 0.70 0.00	33.67 0.89 0.00	45.00 1.22 -0.18	35.55 0.90 -0.03	32.18 0.82 0.00	28.27 0.64 0.00	26.38 0.62 0.00	24.39 0.53 0.00	23.05 0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.67 1.18 0.00	21.45 1.10 0.00	21.20 1.05 0.00	21.16 1.08 0.00	21.73 1.05 0.00	23.44 1.33 0.00	33.94 2.25 0.00	38.46 2.54 -0.13	31.29 2.18 0.00	27.17 1.85 0.00	25.67 1.75 0.00	24.88 1.65 0.00	25.31 1.68 0.00	25.87 1.69 0.00	26.61 1.83 0.00	29.09 2.00 0.00	35.25 2.46 0.00	50.35 3.40 -3.34	37.58 2.39 -0.57	33.63 2.26 0.00	29.62 1.99 0.00	27.47 1.70 0.00	25.32 1.46 0.00	23.91 1.31 0.00
VISCHER___FERRY HYD 24020	22.22 0.73 0.00	20.96 0.61 0.00	20.72 0.56 0.00	20.66 0.58 0.00	21.34 0.66 0.00	23.05 0.93 0.00	33.24 1.55 0.00	37.92 1.79 -0.34	30.41 1.31 0.00	26.26 0.94 0.00	24.74 0.81 0.00	24.04 0.81 0.00	24.51 0.87 0.00	25.12 0.94 0.00	25.77 0.99 0.00	28.36 1.27 0.00	34.36 1.57 0.00	54.38 2.27 -8.50	37.80 1.73 -1.46	32.84 1.47 0.00	29.01 1.38 0.00	27.03 1.26 0.00	24.96 1.10 0.00	23.57 0.97 0.00
V_A_10_SYNC_DSASP 323832	21.75 0.26 0.00	20.31 -0.04 0.00	20.18 0.02 0.00	20.04 -0.04 0.00	20.30 -0.37 0.00	22.38 0.27 0.00	31.25 -0.44 0.00	35.28 -0.57 -0.07	28.90 -0.20 0.00	25.45 0.13 0.00	24.12 0.19 0.00	23.27 0.05 0.00	23.66 0.02 0.00	24.11 -0.07 0.00	24.60 -0.17 0.00	26.11 -0.97 0.00	30.95 -1.84 0.00	43.22 -2.05 -1.66	32.98 -1.94 -0.30	29.99 -1.38 0.00	26.33 -1.30 0.00	24.63 -1.13 0.00	22.82 -1.05 0.00	21.74 -0.86 0.00
V_CMM_10_SYNC_DSASP 323787	21.02 -0.47 0.00	20.02 -0.33 0.00	19.85 -0.30 0.00	19.78 -0.30 0.00	20.43 -0.25 0.00	21.65 -0.47 0.00	31.06 -0.63 0.00	35.07 -0.72 0.00	28.58 -0.52 0.00	24.84 -0.48 0.00	23.50 -0.43 0.00	22.83 -0.39 0.00	23.23 -0.40 0.00	23.79 -0.39 0.00	24.43 -0.35 0.00	26.73 -0.35 0.00	32.46 -0.33 0.00	43.04 -0.57 0.00	34.31 -0.31 0.00	31.08 -0.28 0.00	27.38 -0.25 0.00	25.53 -0.23 0.00	23.60 -0.26 0.00	22.35 -0.25 0.00

V_CMP_10_SYNC_DSASP 323788	20.52 -0.97 0.00	19.62 -0.73 0.00	19.51 -0.65 0.00	19.40 -0.68 0.00	20.16 -0.52 0.00	21.54 -0.58 0.00	31.09 -0.60 0.00	35.32 -0.47 0.00	28.99 -0.12 0.00	25.20 -0.13 0.00	24.00 0.07 0.00	23.39 0.16 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.34 0.57 0.00	27.87 0.79 0.00	34.03 1.25 0.00	45.31 1.70 0.00	36.01 1.39 0.00	32.68 1.32 0.00	28.79 1.16 0.00	26.82 1.06 0.00	24.63 0.76 0.00	23.32 0.72 0.00
V_E_10_SYNC_DSASP 323830	23.34 1.85 0.00	22.04 1.69 0.00	21.75 1.59 0.00	21.75 1.67 0.00	22.27 1.59 0.00	24.28 2.17 0.00	35.36 3.67 0.00	39.90 4.01 -0.11	31.34 2.24 0.00	27.27 1.95 0.00	25.72 1.80 0.00	24.85 1.63 0.00	25.26 1.63 0.00	25.87 1.69 0.00	26.61 1.83 0.00	28.87 1.79 0.00	36.36 3.57 0.00	51.61 5.32 -2.69	38.71 3.63 -0.46	34.97 3.61 0.00	30.70 3.07 0.00	28.29 2.53 0.00	26.13 2.27 0.00	24.65 2.06 0.00
V_F_30_NSYNC___DSASP 323816	22.54 1.05 0.00	21.27 0.92 0.00	21.04 0.89 0.00	20.96 0.88 0.00	21.71 1.03 0.00	23.44 1.33 0.00	33.65 1.97 0.00	38.42 2.29 -0.34	30.76 1.66 0.00	26.49 1.17 0.00	24.93 1.00 0.00	24.25 1.02 0.00	24.77 1.13 0.00	25.34 1.16 0.00	26.01 1.24 0.00	28.65 1.57 0.00	34.69 1.90 0.00	55.10 2.83 -8.66	38.25 2.15 -1.48	33.19 1.82 0.00	29.43 1.79 0.00	27.36 1.60 0.00	25.27 1.41 0.00	23.93 1.33 0.00
V_F_30_SYNC_DSASP 323786	21.90 0.41 0.00	20.72 0.37 0.00	20.52 0.36 0.00	20.46 0.38 0.00	21.11 0.43 0.00	22.74 0.62 0.00	32.80 1.11 0.00	37.56 1.43 -0.34	30.15 1.05 0.00	26.03 0.71 0.00	24.62 0.69 0.00	23.90 0.67 0.00	24.37 0.73 0.00	24.98 0.80 0.00	25.57 0.79 0.00	28.08 1.00 0.00	34.07 1.28 0.00	53.86 1.79 -8.46	37.45 1.38 -1.45	32.53 1.16 0.00	28.60 0.97 0.00	26.64 0.88 0.00	24.68 0.81 0.00	23.27 0.68 0.00
V_XM_10_SYNC_DSASP 323789	20.52 -0.97 0.00	19.62 -0.73 0.00	19.51 -0.65 0.00	19.40 -0.68 0.00	20.16 -0.52 0.00	21.54 -0.58 0.00	31.09 -0.60 0.00	35.32 -0.47 0.00	28.99 -0.12 0.00	25.20 -0.13 0.00	24.00 0.07 0.00	23.39 0.16 0.00	23.89 0.26 0.00	24.52 0.34 0.00	25.34 0.57 0.00	27.87 0.79 0.00	34.03 1.25 0.00	45.31 1.70 0.00	36.01 1.39 0.00	32.68 1.32 0.00	28.79 1.16 0.00	26.82 1.06 0.00	24.63 0.76 0.00	23.32 0.72 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.44 0.95 0.00	21.26 0.92 0.00	21.00 0.85 0.00	20.92 0.84 0.00	21.63 0.95 0.00	23.22 1.11 0.00	33.72 2.03 0.00	38.55 2.51 -0.26	31.11 2.01 0.00	27.07 1.75 0.00	25.51 1.58 0.00	24.81 1.58 0.00	25.22 1.58 0.00	25.75 1.57 0.00	26.41 1.64 0.00	28.95 1.87 0.00	35.05 2.26 0.00	53.26 3.18 -6.47	38.08 2.35 -1.11	33.37 2.01 0.00	29.37 1.74 0.00	27.41 1.65 0.00	25.32 1.46 0.00	23.79 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.59 1.10 0.00	21.43 1.08 0.00	21.12 0.97 0.00	21.04 0.96 0.00	21.77 1.10 0.00	23.38 1.26 0.00	34.03 2.34 0.00	39.06 3.01 -0.27	31.58 2.47 0.00	27.50 2.18 0.00	25.89 1.96 0.00	25.20 1.97 0.00	25.60 1.96 0.00	26.14 1.96 0.00	26.78 2.01 0.00	29.38 2.30 0.00	35.54 2.75 0.00	54.05 3.71 -6.73	38.58 2.80 -1.15	33.88 2.51 0.00	29.79 2.16 0.00	27.75 1.98 0.00	25.63 1.77 0.00	24.04 1.45 0.00
W50THST__13_KV_LOAD 356117	22.69 1.20 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.87 1.20 0.00	23.49 1.37 0.00	34.22 2.54 0.00	39.28 3.22 -0.27	31.78 2.68 0.00	27.70 2.38 0.00	26.06 2.13 0.00	25.39 2.16 0.00	25.76 2.13 0.00	26.31 2.13 0.00	26.95 2.18 0.00	29.57 2.49 0.00	35.77 2.98 0.00	54.31 3.97 -6.73	38.82 3.05 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.90 2.14 0.00	25.75 1.89 0.00	24.16 1.56 0.00
WADING RIVER_IC_1 23522	30.89 1.76 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.20 3.42 -1.09	44.40 3.61 -4.99	34.69 2.79 -2.79	31.23 2.38 -3.53	31.44 2.15 -5.35	30.92 2.00 -5.69	30.71 1.99 -5.09	30.77 2.05 -4.54	32.06 2.13 -5.16	33.09 2.60 -3.40	61.29 3.41 -25.09	87.61 4.14 -39.86	51.54 3.08 -13.84	45.48 2.57 -11.54	36.24 2.32 -6.29	33.38 2.11 -5.51	31.84 1.74 -6.23	31.26 1.51 -7.15
WADING RIVER_IC_2 23547	30.89 1.76 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.20 3.42 -1.09	44.40 3.61 -4.99	34.69 2.79 -2.79	31.23 2.38 -3.53	31.44 2.15 -5.35	30.92 2.00 -5.69	30.71 1.99 -5.09	30.77 2.05 -4.54	32.06 2.13 -5.16	33.09 2.60 -3.40	61.29 3.41 -25.09	87.61 4.14 -39.86	51.54 3.08 -13.84	45.48 2.57 -11.54	36.24 2.32 -6.29	33.38 2.11 -5.51	31.84 1.74 -6.23	31.26 1.51 -7.15
WADING RIVER_IC_3 23601	30.89 1.76 -7.64	27.73 1.42 -5.96	25.75 1.35 -4.24	23.58 1.35 -2.16	27.10 1.41 -5.02	31.31 1.77 -7.42	36.20 3.42 -1.09	44.40 3.61 -4.99	34.69 2.79 -2.79	31.23 2.38 -3.53	31.44 2.15 -5.35	30.92 2.00 -5.69	30.71 1.99 -5.09	30.77 2.05 -4.54	32.06 2.13 -5.16	33.09 2.60 -3.40	61.29 3.41 -25.09	87.61 4.14 -39.86	51.54 3.08 -13.84	45.48 2.57 -11.54	36.24 2.32 -6.29	33.38 2.11 -5.51	31.84 1.74 -6.23	31.26 1.51 -7.15
WALDENNY_12_KV_BK2 80841	22.35 0.86 0.00	20.88 0.53 0.00	20.76 0.60 0.00	20.62 0.54 0.00	20.57 -0.10 0.00	23.02 0.91 0.00	32.10 0.41 0.00	35.32 -0.54 -0.07	29.51 0.41 0.00	26.13 0.81 0.00	24.74 0.81 0.00	23.92 0.70 0.00	24.32 0.69 0.00	24.79 0.60 0.00	25.17 0.40 0.00	26.81 -0.27 0.00	31.74 -1.05 0.00	43.67 -1.74 -1.81	33.14 -1.77 -0.28	30.65 -0.72 0.00	27.16 -0.47 0.00	25.48 -0.28 0.00	23.32 -0.55 0.00	22.05 -0.54 0.00
WALDEN___HYDRO 24148	22.52 1.03 0.00	21.22 0.87 0.00	20.98 0.83 0.00	20.88 0.80 0.00	21.56 0.89 0.00	23.24 1.13 0.00	33.91 2.22 0.00	38.48 2.43 -0.26	30.97 1.86 0.00	26.89 1.57 0.00	25.32 1.39 0.00	24.60 1.37 0.00	25.03 1.39 0.00	25.61 1.43 0.00	26.23 1.46 0.00	28.82 1.73 0.00	34.92 2.13 0.00	53.22 3.05 -6.56	38.06 2.32 -1.12	33.34 1.98 0.00	29.32 1.69 0.00	27.36 1.60 0.00	25.20 1.34 0.00	23.70 1.11 0.00
WARRENSBURG____ 23737	22.76 1.27 0.00	21.45 1.10 0.00	21.22 1.07 0.00	21.16 1.08 0.00	21.96 1.28 0.00	23.75 1.64 0.00	33.53 1.84 0.00	38.21 2.07 -0.34	30.50 1.40 0.00	26.21 0.89 0.00	24.62 0.69 0.00	24.06 0.83 0.00	24.60 0.97 0.00	25.03 0.85 0.00	25.69 0.92 0.00	28.41 1.33 0.00	34.13 1.34 0.00	54.55 2.27 -8.68	37.73 1.63 -1.49	32.72 1.35 0.00	29.48 1.85 0.00	27.36 1.60 0.00	25.35 1.48 0.00	24.20 1.60 0.00
WATERSIDE___6 8 9 23538	22.69 1.20 0.00	21.51 1.16 0.00	21.22 1.07 0.00	21.12 1.04 0.00	21.85 1.18 0.00	23.38 1.26 0.00	33.94 2.25 0.00	38.92 2.86 -0.27	31.55 2.44 0.00	27.50 2.18 0.00	25.87 1.94 0.00	25.20 1.97 0.00	25.60 1.96 0.00	26.12 1.93 0.00	26.76 1.98 0.00	29.36 2.27 0.00	35.54 2.75 0.00	54.00 3.66 -6.74	38.54 2.77 -1.15	33.88 2.51 0.00	29.76 2.13 0.00	27.75 1.98 0.00	25.68 1.81 0.00	24.13 1.54 0.00



WATKINRD_115KV_LN8_ILLION 55919	21.81 0.32 0.00	20.65 0.31 0.00	20.46 0.30 0.00	20.38 0.30 0.00	20.99 0.31 0.00	22.49 0.38 0.00	32.35 0.67 0.00	36.44 0.64 -0.01	29.63 0.52 0.00	25.88 0.56 0.00	24.45 0.53 0.00	23.74 0.51 0.00	24.15 0.52 0.00	24.74 0.56 0.00	25.24 0.47 0.00	27.62 0.54 0.00	33.48 0.69 0.00	44.74 0.96 -0.18	35.38 0.73 -0.03	31.99 0.63 0.00	28.16 0.52 0.00	26.26 0.49 0.00	24.32 0.45 0.00	22.98 0.38 0.00
WATSON___69_KV_BK 1 55734	30.83 1.70 -7.64	27.85 1.55 -5.96	25.87 1.47 -4.24	23.70 1.47 -2.16	27.28 1.59 -5.02	31.44 1.90 -7.42	36.07 3.30 -1.09	44.79 4.01 -4.99	35.16 3.26 -2.79	31.53 2.68 -3.53	31.72 2.44 -5.35	31.29 2.37 -5.69	31.06 2.34 -5.09	31.09 2.37 -4.54	32.58 2.65 -5.16	33.49 3.01 -3.40	61.62 3.74 -25.09	88.48 5.01 -39.86	52.27 3.81 -13.84	46.33 3.42 -11.54	36.91 2.98 -6.29	33.87 2.60 -5.51	32.39 2.29 -6.23	31.71 1.97 -7.15
WDELAWARE___HYD 323627	22.67 1.18 0.00	21.39 1.04 0.00	21.12 0.97 0.00	21.02 0.94 0.00	21.71 1.03 0.00	23.42 1.30 0.00	34.19 2.50 0.00	38.46 2.43 -0.24	30.99 1.89 0.00	27.05 1.72 0.00	25.44 1.51 0.00	24.69 1.46 0.00	25.12 1.49 0.00	25.71 1.52 0.00	26.36 1.59 0.00	28.84 1.76 0.00	34.99 2.20 0.00	52.76 3.18 -5.97	38.03 2.39 -1.02	33.44 2.07 0.00	29.37 1.74 0.00	27.42 1.65 0.00	25.35 1.48 0.00	23.84 1.24 0.00
WEST BABYLON___IC 23714	30.76 1.63 -7.64	27.81 1.51 -5.96	25.83 1.43 -4.24	23.66 1.43 -2.16	27.24 1.55 -5.02	31.37 1.84 -7.42	35.94 3.17 -1.09	44.68 3.90 -4.99	35.07 3.17 -2.79	31.48 2.63 -3.53	31.67 2.39 -5.35	31.27 2.35 -5.69	31.06 2.34 -5.09	31.09 2.37 -4.54	32.56 2.63 -5.16	33.41 2.92 -3.40	61.49 3.61 -25.09	88.31 4.84 -39.86	52.17 3.70 -13.84	46.23 3.32 -11.54	36.82 2.90 -6.29	33.82 2.55 -5.51	32.36 2.27 -6.23	31.69 1.94 -7.15
WEST CANADA___HYD 24049	21.58 0.09 0.00	20.43 0.08 0.00	20.22 0.06 0.00	20.14 0.06 0.00	20.74 0.06 0.00	22.23 0.11 0.00	31.88 0.19 0.00	36.01 0.22 -0.01	29.28 0.18 0.00	25.45 0.13 0.00	24.05 0.12 0.00	23.34 0.12 0.00	23.75 0.12 0.00	24.33 0.15 0.00	24.92 0.15 0.00	27.25 0.16 0.00	33.02 0.23 0.00	44.09 0.31 -0.18	34.86 0.21 -0.03	31.56 0.19 0.00	27.77 0.14 0.00	25.87 0.10 0.00	23.99 0.12 0.00	22.69 0.09 0.00
WESTERN_NY_WIND 24143	22.39 0.90 0.00	20.88 0.53 0.00	20.78 0.62 0.00	20.62 0.54 0.00	20.61 -0.06 0.00	23.05 0.93 0.00	32.23 0.54 0.00	35.86 0.00 -0.07	29.63 0.52 0.00	26.13 0.81 0.00	24.72 0.79 0.00	23.95 0.72 0.00	24.32 0.69 0.00	24.79 0.60 0.00	25.19 0.42 0.00	26.92 -0.16 0.00	32.03 -0.75 0.00	44.56 -0.74 -1.69	33.89 -1.00 -0.27	31.05 -0.31 0.00	27.44 -0.19 0.00	25.74 -0.03 0.00	23.53 -0.33 0.00	22.24 -0.36 0.00
WESTOVER___LESR 323668	22.13 0.64 0.00	20.88 0.53 0.00	20.68 0.52 0.00	20.60 0.52 0.00	21.03 0.35 0.00	22.91 0.80 0.00	32.67 0.98 0.00	36.62 0.72 -0.11	29.95 0.84 0.00	26.23 0.91 0.00	24.77 0.84 0.00	23.99 0.77 0.00	24.37 0.73 0.00	24.88 0.70 0.00	25.42 0.64 0.00	27.57 0.49 0.00	33.18 0.39 0.00	47.01 0.57 -2.84	35.28 0.17 -0.48	31.84 0.47 0.00	28.07 0.44 0.00	26.26 0.49 0.00	24.20 0.33 0.00	22.91 0.32 0.00
WETHRSFD_WT_PWR 323626	22.26 0.77 0.00	20.82 0.47 0.00	20.68 0.52 0.00	20.56 0.48 0.00	20.84 0.16 0.00	23.00 0.89 0.00	32.36 0.67 0.00	36.47 0.61 -0.08	29.89 0.79 0.00	26.34 1.01 0.00	24.91 0.98 0.00	24.02 0.79 0.00	24.41 0.78 0.00	24.86 0.68 0.00	25.39 0.62 0.00	26.92 -0.16 0.00	31.97 -0.82 0.00	44.30 -1.27 -1.96	33.48 -1.45 -0.31	30.77 -0.60 0.00	27.02 -0.61 0.00	25.22 -0.54 0.00	23.27 -0.60 0.00	22.12 -0.48 0.00
WHAVSTOR_138KV_BK127 55557	22.35 0.86 0.00	21.18 0.83 0.00	20.94 0.79 0.00	20.84 0.76 0.00	21.54 0.87 0.00	23.11 1.00 0.00	33.56 1.87 0.00	38.41 2.36 -0.26	30.97 1.86 0.00	26.97 1.65 0.00	25.41 1.48 0.00	24.71 1.49 0.00	25.12 1.49 0.00	25.66 1.48 0.00	26.31 1.54 0.00	28.84 1.76 0.00	34.89 2.10 0.00	53.05 2.97 -6.48	37.91 2.18 -1.11	33.25 1.88 0.00	29.23 1.60 0.00	27.31 1.55 0.00	25.23 1.36 0.00	23.73 1.13 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.35 0.86 0.00	21.18 0.83 0.00	20.94 0.79 0.00	20.84 0.76 0.00	21.54 0.87 0.00	23.11 1.00 0.00	33.56 1.87 0.00	38.41 2.36 -0.26	30.97 1.86 0.00	26.97 1.65 0.00	25.41 1.48 0.00	24.71 1.49 0.00	25.12 1.49 0.00	25.66 1.48 0.00	26.31 1.54 0.00	28.84 1.76 0.00	34.89 2.10 0.00	53.05 2.97 -6.48	37.91 2.18 -1.11	33.25 1.88 0.00	29.23 1.60 0.00	27.31 1.55 0.00	25.23 1.36 0.00	23.73 1.13 0.00
WHITEHAL_115KV_TB1 80871	23.06 1.57 0.00	21.75 1.40 0.00	21.53 1.37 0.00	21.45 1.37 0.00	22.35 1.67 0.00	24.22 2.10 0.00	35.11 3.42 0.00	40.21 4.08 -0.34	32.07 2.97 0.00	27.40 2.08 0.00	25.72 1.79 0.00	25.11 1.88 0.00	25.69 2.06 0.00	26.21 2.03 0.00	27.05 2.28 0.00	29.14 2.06 0.00	35.12 2.33 0.00	56.07 3.79 -8.67	38.87 2.77 -1.48	33.69 2.32 0.00	29.54 1.91 0.00	27.26 1.49 0.00	25.25 1.38 0.00	24.63 2.03 0.00
WHITEPLN_13_KV_LOAD 356215	22.63 1.14 0.00	21.43 1.08 0.00	21.16 1.01 0.00	21.08 1.00 0.00	21.85 1.18 0.00	23.47 1.35 0.00	34.16 2.47 0.00	38.99 2.93 -0.27	31.43 2.33 0.00	27.48 2.15 0.00	25.87 1.94 0.00	25.15 1.93 0.00	25.62 1.99 0.00	26.16 1.98 0.00	26.73 1.96 0.00	29.30 2.22 0.00	35.44 2.66 0.00	53.94 3.62 -6.72	38.50 2.73 -1.15	33.75 2.38 0.00	29.70 2.07 0.00	27.78 2.01 0.00	25.63 1.77 0.00	24.09 1.49 0.00
WM_FLOYD_69_KV_BK2 356380	30.76 1.63 -7.64	27.75 1.44 -5.96	25.77 1.37 -4.24	23.58 1.35 -2.16	27.18 1.49 -5.02	31.33 1.79 -7.42	36.04 3.26 -1.09	44.50 3.72 -4.99	34.87 2.97 -2.79	31.33 2.48 -3.53	31.48 2.20 -5.35	31.01 2.09 -5.69	30.78 2.06 -5.09	30.82 2.10 -4.54	32.28 2.35 -5.16	33.25 2.76 -3.40	61.39 3.51 -25.09	87.91 4.45 -39.86	51.82 3.36 -13.84	45.83 2.92 -11.54	36.49 2.57 -6.29	33.51 2.24 -5.51	32.05 1.96 -6.23	31.44 1.69 -7.15
WOODARD___115KV_TB2 355635	21.51 0.02 0.00	20.31 -0.04 0.00	20.12 -0.04 0.00	20.04 -0.04 0.00	20.55 -0.12 0.00	22.23 0.11 0.00	31.63 -0.06 0.00	35.55 -0.29 -0.05	28.93 -0.17 0.00	25.30 -0.03 0.00	23.93 0.00 0.00	23.20 -0.02 0.00	23.59 -0.05 0.00	24.11 -0.07 0.00	24.63 -0.15 0.00	26.81 -0.27 0.00	32.33 -0.46 0.00	44.51 -0.39 -1.30	34.36 -0.48 -0.22	31.02 -0.35 0.00	27.35 -0.28 0.00	25.56 -0.21 0.00	23.72 -0.14 0.00	22.51 -0.09 0.00
YORK___WARBASSE 23770	22.89 1.40 0.00	21.67 1.32 0.00	21.37 1.21 0.00	21.26 1.18 0.00	22.00 1.32 0.00	23.49 1.37 0.00	34.00 2.31 0.00	38.95 2.90 -0.27	31.66 2.56 0.00	27.60 2.28 0.00	25.96 2.03 0.00	25.29 2.07 0.00	25.69 2.06 0.00	26.19 2.01 0.00	26.85 2.08 0.00	29.49 2.41 0.00	35.67 2.89 0.00	54.14 3.79 -6.74	38.68 2.91 -1.15	34.06 2.70 0.00	29.92 2.29 0.00	27.93 2.16 0.00	25.87 2.00 0.00	24.32 1.72 -0.01