

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/18/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	24.22	20.92	18.87	16.88	17.35	20.90	23.92	28.53	32.79	36.33	34.46	39.94	34.19	35.66	32.75	31.28	31.15	30.75	34.18	29.65	26.09	25.25	23.62	22.39
24138	0.91	0.79	0.76	0.72	0.73	0.89	1.28	1.77	2.12	2.43	2.30	1.79	1.43	1.36	1.68	2.02	1.74	1.98	2.36	2.01	1.89	1.72	1.42	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-14.62	-14.19	-16.86	-10.26	-4.64	-7.95	-4.15	-1.28	-1.45	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.22	20.92	18.88	16.88	17.35	20.90	23.90	28.48	32.72	36.25	34.41	39.90	34.16	35.62	32.71	31.23	31.11	30.72	34.16	29.64	26.08	25.23	23.60	22.38
24260	0.91	0.78	0.77	0.72	0.73	0.88	1.26	1.71	2.05	2.34	2.25	1.75	1.40	1.32	1.63	1.96	1.70	1.95	2.34	2.01	1.88	1.69	1.41	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-14.62	-14.19	-16.86	-10.26	-4.64	-7.95	-4.15	-1.28	-1.45	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.22	20.92	18.88	16.88	17.35	20.90	23.90	28.48	32.72	36.25	34.41	39.90	34.16	35.62	32.71	31.23	31.11	30.72	34.16	29.64	26.08	25.23	23.60	22.38
24261	0.91	0.78	0.77	0.72	0.73	0.88	1.26	1.71	2.05	2.34	2.25	1.75	1.40	1.32	1.63	1.96	1.70	1.95	2.34	2.01	1.88	1.69	1.41	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-14.62	-14.19	-16.86	-10.26	-4.64	-7.95	-4.15	-1.28	-1.45	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24.47	21.14	19.06	17.03	17.55	21.22	24.12	28.98	33.49	37.08	35.75	44.84	38.89	41.04	36.18	32.98	33.78	32.35	35.15	30.43	26.29	25.40	23.81	22.62
24011	1.17	1.01	0.95	0.88	0.93	1.21	1.48	2.22	2.81	3.18	3.03	2.29	1.81	1.69	2.01	2.32	1.96	2.23	2.72	2.27	2.09	1.86	1.62	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	-19.02	-18.50	-21.91	-13.36	-6.04	-10.36	-5.49	-1.88	-1.98	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	24.55	21.20	19.11	17.09	17.63	21.34	24.23	29.20	33.83	37.46	36.10	45.10	39.10	41.25	36.39	33.21	34.01	32.61	35.47	30.70	26.48	25.55	23.92	22.72
23798	1.24	1.07	1.00	0.93	1.01	1.33	1.59	2.44	3.16	3.56	3.39	2.54	2.01	1.89	2.21	2.55	2.20	2.49	3.04	2.54	2.28	2.02	1.72	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	-19.03	-18.51	-21.92	-13.37	-6.04	-10.36	-5.50	-1.88	-1.98	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24.47	21.14	19.06	17.03	17.55	21.22	24.12	28.98	33.49	37.08	35.75	44.84	38.89	41.04	36.18	32.98	33.78	32.35	35.15	30.43	26.29	25.40	23.81	22.62
24028	1.17	1.01	0.95	0.88	0.93	1.21	1.48	2.22	2.81	3.18	3.03	2.29	1.81	1.69	2.01	2.32	1.96	2.23	2.72	2.27	2.09	1.86	1.62	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	-19.02	-18.50	-21.91	-13.36	-6.04	-10.36	-5.49	-1.88	-1.98	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.86	20.72	18.71	16.80	17.22	20.66	23.44	28.20	32.57	36.11	34.78	43.62	37.83	39.92	35.26	32.22	32.96	31.55	34.39	29.82	25.87	25.03	23.36	22.12
23527	0.55	0.59	0.60	0.65	0.60	0.65	0.80	1.44	1.89	2.20	2.14	1.67	1.34	1.26	1.51	1.76	1.48	1.61	2.02	1.73	1.67	1.49	1.17	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.37	-18.42	-17.92	-21.22	-12.94	-5.85	-10.03	-5.32	-1.82	-1.91	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	23.17	20.06	18.10	16.19	16.65	20.01	22.74	27.14	31.25	34.62	33.42	42.63	37.07	39.21	34.38	31.17	32.10	30.61	33.19	28.82	24.83	24.03	22.52	21.37
24190	-0.13	-0.07	-0.01	0.04	0.03	0.00	0.10	0.38	0.58	0.72	0.77	0.60	0.50	0.46	0.57	0.67	0.58	0.64	0.81	0.72	0.62	0.49	0.32	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	-18.50	-18.00	-21.31	-13.00	-5.87	-10.08	-5.34	-1.83	-1.92	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.29	20.11	18.01	16.03	16.50	19.85	22.34	26.35	30.24	33.34	29.75	23.15	18.29	17.18	20.50	24.25	21.09	24.23	30.06	25.80	23.83	23.19	21.88	21.10
355683	-0.01	-0.02	-0.10	-0.12	-0.12	-0.17	-0.30	-0.41	-0.44	-0.56	-0.51	-0.38	-0.29	-0.26	-0.31	-0.37	-0.36	-0.40	-0.49	-0.39	-0.38	-0.34	-0.31	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.17	20.06	18.10	16.19	16.65	20.01	22.74	27.14	31.25	34.62	33.42	42.63	37.07	39.21	34.38	31.17	32.10	30.61	33.19	28.82	24.83	24.03	22.52	21.37
23571	-0.13	-0.07	-0.01	0.04	0.03	0.00	0.10	0.38	0.58	0.72	0.77	0.60	0.50	0.46	0.57	0.67	0.58	0.64	0.81	0.72	0.62	0.49	0.32	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	-18.50	-18.00	-21.31	-13.00	-5.87	-10.08	-5.34	-1.83	-1.92	0.00	0.00	0.00	0.00
ALBANY___2	23.17	20.06	18.10	16.19	16.65	20.01	22.74	27.14	31.25	34.62	33.42	42.63	37.07	39.21	34.38	31.17	32.10	30.61	33.19	28.82	24.83	24.03	22.52	21.37
23572	-0.13	-0.07	-0.01	0.04	0.03	0.00	0.10	0.38	0.58	0.72	0.77	0.60	0.50	0.46	0.57	0.67	0.58	0.64	0.81	0.72	0.62	0.49	0.32	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	-18.50	-18.00	-21.31	-13.00	-5.87	-10.08	-5.34	-1.83	-1.92	0.00	0.00	0.00	0.00
ALBANY___3	23.17	20.06	18.10	16.19	16.65	20.01	22.74	27.14	31.25	34.62	33.42	42.63	37.07	39.21	34.38	31.17	32.10	30.61	33.19	28.82	24.83	24.03	22.52	21.37
23573	-0.13	-0.07	-0.01	0.04	0.03	0.00	0.10	0.38	0.58	0.72	0.77	0.60	0.50	0.46	0.57	0.67	0.58	0.64	0.81	0.72	0.62	0.49	0.32	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.38	-18.50	-18.00	-21.31	-13.00	-5.87	-10.08	-5.34	-1.83	-1.92	0.00	0.00	0.00	0.00

ALBANY___4 23574	23.17 -0.13 0.00	20.06 -0.07 0.00	18.10 -0.01 0.00	16.19 0.04 0.00	16.65 0.03 0.00	20.01 0.00 0.00	22.74 0.10 0.00	27.14 0.38 0.00	31.25 0.58 0.00	34.62 0.72 0.00	33.42 0.77 -2.38	42.63 0.60 -18.50	37.07 0.50 -18.00	39.21 0.46 -21.31	34.38 0.57 -13.00	31.17 0.67 -5.87	32.10 0.58 -10.08	30.61 0.64 -5.34	33.19 0.81 -1.83	28.82 0.72 -1.92	24.83 0.62 0.00	24.03 0.49 0.00	22.52 0.32 0.00	21.37 0.10 0.00
ALBANY___LFGE 323615	23.43 0.12 0.00	20.27 0.14 0.00	18.29 0.18 0.00	16.36 0.20 0.00	16.83 0.20 0.00	20.23 0.22 0.00	23.00 0.36 0.00	27.45 0.69 0.00	31.62 0.94 0.00	35.03 1.12 0.00	33.81 1.14 -2.40	43.04 0.89 -18.63	37.42 0.73 -18.12	39.57 0.67 -21.46	34.72 0.82 -13.08	31.51 0.97 -5.91	32.44 0.84 -10.14	30.95 0.94 -5.38	33.57 1.18 -1.84	29.15 1.03 -1.93	25.12 0.91 0.00	24.30 0.76 0.00	22.76 0.57 0.00	21.61 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	23.38 0.07 0.00	20.19 0.05 0.00	18.07 -0.04 0.00	16.09 -0.06 0.00	16.55 -0.07 0.00	19.92 -0.09 0.00	22.43 -0.21 0.00	26.46 -0.31 0.00	30.35 -0.33 0.00	33.44 -0.46 0.00	29.85 -0.42 0.00	23.21 -0.31 0.00	18.34 -0.24 0.00	17.23 -0.21 0.00	20.57 -0.25 0.00	24.32 -0.30 0.00	21.14 -0.31 0.00	24.30 -0.32 0.00	30.18 -0.37 0.00	25.90 -0.28 0.00	23.91 -0.29 0.00	23.27 -0.26 0.00	21.98 -0.22 0.00	21.22 -0.06 0.00
ALCOA_RYNLDS___DRP 24188	23.38 0.07 0.00	20.19 0.05 0.00	18.07 -0.04 0.00	16.09 -0.06 0.00	16.55 -0.07 0.00	19.92 -0.09 0.00	22.43 -0.21 0.00	26.46 -0.31 0.00	30.35 -0.33 0.00	33.44 -0.46 0.00	29.85 -0.42 0.00	23.21 -0.31 0.00	18.34 -0.24 0.00	17.23 -0.21 0.00	20.57 -0.25 0.00	24.32 -0.30 0.00	21.14 -0.31 0.00	24.30 -0.32 0.00	30.18 -0.37 0.00	25.90 -0.28 0.00	23.91 -0.29 0.00	23.27 -0.26 0.00	21.98 -0.22 0.00	21.22 -0.06 0.00
ALCOA___DSASP 323711	23.38 0.07 0.00	20.19 0.05 0.00	18.07 -0.04 0.00	16.09 -0.06 0.00	16.55 -0.07 0.00	19.92 -0.09 0.00	22.43 -0.21 0.00	26.46 -0.30 0.00	30.35 -0.33 0.00	33.44 -0.46 0.00	29.85 -0.42 0.00	23.22 -0.31 0.00	18.34 -0.23 0.00	17.23 -0.21 0.00	20.57 -0.24 0.00	24.33 -0.29 0.00	21.14 -0.31 0.00	24.30 -0.32 0.00	30.18 -0.37 0.00	25.90 -0.28 0.00	23.92 -0.29 0.00	23.27 -0.26 0.00	21.98 -0.22 0.00	21.22 -0.06 0.00
ALLEGHENY___COGEN 23514	24.55 1.25 0.00	21.12 1.00 0.00	19.01 0.90 0.00	16.87 0.72 0.00	17.44 0.82 0.00	21.13 1.12 0.00	24.06 1.42 0.00	28.21 1.45 0.00	31.65 0.97 0.00	33.85 0.68 0.73	30.23 0.34 0.38	26.13 0.06 -2.54	20.60 -0.17 -2.19	20.33 -0.21 -3.03	22.33 -0.21 -1.73	25.22 -0.24 -0.84	22.62 -0.14 -1.30	24.46 -0.28 -0.12	29.77 0.30 1.08	26.58 0.66 0.27	24.90 0.70 0.00	24.35 0.82 0.00	22.94 0.75 0.00	22.28 1.01 0.00
ALTAMONT_115KV_TB 2 55880	23.59 0.28 0.00	20.40 0.27 0.00	18.40 0.29 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.35 0.34 0.00	23.13 0.49 0.00	27.55 0.79 0.00	31.69 1.02 0.00	35.09 1.18 0.00	33.82 1.17 -2.39	42.97 0.90 -18.55	37.34 0.72 -18.04	39.48 0.67 -21.37	34.66 0.82 -13.03	31.48 0.97 -5.89	32.39 0.84 -10.10	30.94 0.96 -5.36	33.57 1.19 -1.83	29.14 1.03 -1.93	25.14 0.94 0.00	24.35 0.82 0.00	22.84 0.65 0.00	21.72 0.44 0.00
ALTONA_WT_PWR 323606	24.02 0.71 0.00	20.72 0.59 0.00	18.58 0.47 0.00	16.47 0.32 0.00	16.87 0.25 0.00	20.23 0.21 0.00	22.66 0.02 0.00	27.10 0.34 0.00	31.18 0.50 0.00	34.31 0.41 0.00	30.63 0.36 0.00	23.84 0.31 0.00	18.81 0.24 0.00	17.67 0.23 0.00	21.01 0.20 0.00	24.84 0.22 0.00	21.68 0.23 0.00	24.86 0.23 0.00	30.92 0.37 0.00	26.53 0.35 0.00	24.47 0.27 0.00	23.69 0.15 0.00	22.24 0.05 0.00	21.49 0.22 0.00
AMERICAN_REF_FUEL 24010	23.47 0.16 0.00	20.25 0.12 0.00	17.96 0.15 0.30	16.09 0.01 0.07	16.74 0.12 0.00	20.30 0.28 0.00	22.78 0.14 0.00	26.33 -0.44 0.00	29.62 -1.06 0.00	29.24 -0.72 3.94	25.93 -0.72 3.62	24.08 -1.04 -1.60	17.60 -1.08 -0.10	18.80 -1.00 -2.36	20.43 -1.23 -0.85	23.87 -1.41 -0.65	20.71 -1.20 -0.46	20.47 -1.47 2.69	22.15 -1.72 6.68	22.08 -1.52 2.58	22.94 -1.26 0.00	22.56 -0.97 0.00	21.51 -0.69 0.00	21.20 -0.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.20 0.89 0.00	20.83 0.71 0.00	18.40 0.68 0.39	16.54 0.48 0.09	17.21 0.59 0.00	20.90 0.89 0.00	23.67 1.03 0.00	27.64 0.88 0.00	31.13 0.46 0.00	29.66 0.83 5.06	26.07 0.50 4.70	25.54 0.08 -1.94	18.88 -0.30 -0.60	19.93 -0.21 -2.70	21.69 -0.24 -1.12	25.02 -0.35 -0.74	21.80 -0.34 -0.69	21.82 -0.56 2.24	24.30 -0.37 5.88	23.57 -0.37 2.24	24.13 -0.07 0.00	23.81 0.28 0.00	22.39 0.20 0.00	21.91 0.63 0.00
ARTHUR_KILL_GT_1 23520	24.09 0.78 0.00	20.82 0.69 0.00	18.79 0.69 0.00	16.81 0.65 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.77 1.13 0.00	26.68 1.44 1.52	29.32 1.72 3.07	30.14 1.97 5.73	31.79 1.94 0.42	39.66 1.52 -14.62	34.00 1.24 -14.19	34.91 1.17 -16.29	32.56 1.49 -10.26	31.12 1.85 -4.64	31.01 1.60 -7.95	30.57 1.81 -4.14	34.00 2.18 -1.28	29.55 1.92 -1.45	25.96 1.75 -0.01	25.18 1.65 -0.01	23.59 1.40 0.00	22.37 1.09 0.00
ARTHUR_KILL_2 23512	24.03 0.72 0.00	20.76 0.63 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.62 0.00	20.74 0.73 0.00	23.70 1.06 0.00	26.60 1.36 1.52	29.23 1.62 3.07	30.03 1.86 5.73	31.68 1.84 0.42	39.58 1.44 -14.62	33.94 1.18 -14.19	34.85 1.11 -16.29	32.49 1.42 -10.26	31.04 1.77 -4.64	30.93 1.53 -7.95	30.49 1.73 -4.14	33.90 2.08 -1.28	29.47 1.84 -1.45	25.88 1.67 -0.01	25.11 1.57 -0.01	23.52 1.33 0.00	22.30 1.03 0.00
ARTHUR_KILL_3 23513	23.93 0.62 0.00	20.67 0.54 0.00	18.66 0.55 0.00	16.70 0.55 0.00	17.15 0.53 0.00	20.63 0.62 0.00	23.59 0.95 0.00	26.56 1.33 1.53	29.18 1.58 3.08	29.99 1.83 5.74	31.61 1.77 0.42	39.54 1.39 -14.62	33.88 1.11 -14.19	34.79 1.05 -16.30	32.38 1.31 -10.26	30.84 1.58 -4.64	30.78 1.37 -7.95	30.34 1.57 -4.15	33.72 1.90 -1.28	29.30 1.66 -1.45	25.78 1.57 0.00	24.94 1.40 0.00	23.34 1.15 0.00	22.14 0.87 0.00
ARTHUR_KILL_COGEN 323718	24.09 0.78 0.00	20.82 0.69 0.00	18.79 0.69 0.00	16.81 0.65 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.77 1.13 0.00	26.68 1.44 1.52	29.32 1.72 3.07	30.14 1.97 5.73	31.79 1.94 0.42	39.66 1.52 -14.62	34.00 1.24 -14.19	34.91 1.17 -16.29	32.56 1.49 -10.26	31.12 1.85 -4.64	31.01 1.60 -7.95	30.57 1.81 -4.14	34.00 2.18 -1.28	29.55 1.92 -1.45	25.96 1.75 -0.01	25.18 1.65 -0.01	23.59 1.40 0.00	22.37 1.09 0.00
ASHOKAN____ 23654	23.90 0.59 0.00	20.64 0.51 0.00	18.62 0.51 0.00	16.65 0.50 0.00	17.13 0.51 0.00	20.64 0.63 0.00	23.55 0.91 0.00	28.22 1.45 0.00	32.57 1.89 0.00	36.14 2.24 0.00	34.42 2.03 -2.12	41.50 1.52 -16.45	35.78 1.20 -16.01	37.51 1.12 -18.95	33.71 1.34 -11.56	31.48 1.64 -5.22	31.77 1.35 -8.96	31.04 1.66 -4.75	34.47 2.30 -1.62	29.85 1.96 -1.71	25.93 1.72 0.00	25.01 1.47 0.00	23.35 1.15 0.00	22.09 0.82 0.00

ASTORIA_EAST_ENERGY_CC1 323581	23.99 0.68 0.00	20.74 0.61 0.00	18.74 0.63 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.69 0.68 0.00	23.69 1.05 0.00	28.21 1.44 0.00	32.39 1.72 0.00	35.86 1.96 0.00	34.05 1.90 -1.89	39.63 1.46 -14.64	33.97 1.20 -14.19	35.41 1.12 -16.86	32.47 1.39 -10.26	30.92 1.66 -4.64	30.83 1.42 -7.95	30.42 1.64 -4.15	33.80 1.97 -1.28	29.36 1.72 -1.45	25.83 1.63 0.00	25.02 1.48 0.00	23.41 1.21 0.00	22.20 0.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.99 0.68 0.00	20.74 0.61 0.00	18.74 0.63 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.69 0.68 0.00	23.69 1.05 0.00	28.21 1.44 0.00	32.39 1.72 0.00	35.86 1.96 0.00	34.05 1.90 -1.89	39.63 1.46 -14.64	33.97 1.20 -14.19	35.41 1.12 -16.86	32.47 1.39 -10.26	30.92 1.66 -4.64	30.83 1.42 -7.95	30.42 1.64 -4.15	33.80 1.97 -1.28	29.36 1.72 -1.45	25.83 1.63 0.00	25.02 1.48 0.00	23.41 1.21 0.00	22.20 0.93 0.00
ASTORIA_GT2_1 24094	24.01 0.70 0.00	20.75 0.62 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.70 0.69 0.00	23.70 1.06 0.00	28.22 1.46 0.00	32.41 1.73 0.00	35.89 1.98 0.00	34.06 1.91 -1.89	39.64 1.47 -14.64	33.98 1.21 -14.19	35.42 1.12 -16.86	32.48 1.40 -10.26	30.94 1.68 -4.64	30.85 1.44 -7.95	30.43 1.66 -4.15	33.83 2.01 -1.28	29.38 1.74 -1.45	25.85 1.65 0.00	25.03 1.49 0.00	23.42 1.23 0.00	22.22 0.95 0.00
ASTORIA_GT2_2 24095	24.01 0.70 0.00	20.75 0.62 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.70 0.69 0.00	23.70 1.06 0.00	28.22 1.46 0.00	32.41 1.73 0.00	35.89 1.98 0.00	34.06 1.91 -1.89	39.64 1.47 -14.64	33.98 1.21 -14.19	35.42 1.12 -16.86	32.48 1.40 -10.26	30.94 1.68 -4.64	30.85 1.44 -7.95	30.43 1.66 -4.15	33.83 2.01 -1.28	29.38 1.74 -1.45	25.85 1.65 0.00	25.03 1.49 0.00	23.42 1.23 0.00	22.22 0.95 0.00
ASTORIA_GT2_3 24096	24.01 0.70 0.00	20.75 0.62 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.70 0.69 0.00	23.70 1.06 0.00	28.22 1.46 0.00	32.41 1.73 0.00	35.89 1.98 0.00	34.06 1.91 -1.89	39.64 1.47 -14.64	33.98 1.21 -14.19	35.42 1.12 -16.86	32.48 1.40 -10.26	30.94 1.68 -4.64	30.85 1.44 -7.95	30.43 1.66 -4.15	33.83 2.01 -1.28	29.38 1.74 -1.45	25.85 1.65 0.00	25.03 1.49 0.00	23.42 1.23 0.00	22.22 0.95 0.00
ASTORIA_GT2_4 24097	24.01 0.70 0.00	20.75 0.62 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.70 0.69 0.00	23.70 1.06 0.00	28.22 1.46 0.00	32.41 1.73 0.00	35.89 1.98 0.00	34.06 1.91 -1.89	39.64 1.47 -14.64	33.98 1.21 -14.19	35.42 1.12 -16.86	32.48 1.40 -10.26	30.94 1.68 -4.64	30.85 1.44 -7.95	30.43 1.66 -4.15	33.83 2.01 -1.28	29.38 1.74 -1.45	25.85 1.65 0.00	25.03 1.49 0.00	23.42 1.23 0.00	22.22 0.95 0.00
ASTORIA_GT3_1 24098	24.01 0.70 0.00	20.75 0.62 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.70 0.69 0.00	23.70 1.06 0.00	28.22 1.46 0.00	32.41 1.73 0.00	35.89 1.98 0.00	34.06 1.91 -1.89	39.64 1.47 -14.64	33.98 1.21 -14.19	35.42 1.12 -16.86	32.48 1.40 -10.26	30.94 1.68 -4.64	30.85 1.44 -7.95	30.43 1.66 -4.15	33.83 2.01 -1.28	29.38 1.74 -1.45	25.85 1.65 0.00	25.03 1.49 0.00	23.42 1.23 0.00	22.22 0.95 0.00
ASTORIA_GT3_2 24099	24.01 0.70 0.00	20.75 0.62 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.70 0																		

ASTORIA_GT_10 24110	24.10 0.79 0.00	20.83 0.70 0.00	18.81 0.70 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.07 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.96 2.13 -1.28	29.48 1.85 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.29 1.02 0.00
ASTORIA_GT_11 24225	24.10 0.79 0.00	20.83 0.70 0.00	18.81 0.70 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.07 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.96 2.13 -1.28	29.48 1.85 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.29 1.02 0.00
ASTORIA_GT_12 24226	24.10 0.79 0.00	20.83 0.70 0.00	18.81 0.70 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.07 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.96 2.13 -1.28	29.48 1.85 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.29 1.02 0.00
ASTORIA_GT_13 24227	24.10 0.79 0.00	20.83 0.70 0.00	18.81 0.70 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.07 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.96 2.13 -1.28	29.48 1.85 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.29 1.02 0.00
ASTORIA_GT_5 24106	24.06 0.75 0.00	20.79 0.66 0.00	18.79 0.68 0.00	16.80 0.65 0.00	17.27 0.65 0.00	20.73 0.72 0.00	23.75 1.11 0.00	28.28 1.52 0.00	32.48 1.80 0.00	35.96 2.05 0.00	34.14 1.98 -1.89	39.69 1.52 -14.64	34.02 1.25 -14.19	35.46 1.17 -16.86	32.53 1.46 -10.26	30.99 1.73 -4.64	30.89 1.49 -7.95	30.48 1.71 -4.15	33.89 2.06 -1.28	29.43 1.80 -1.45	25.90 1.70 0.00	25.08 1.54 0.00	23.46 1.27 0.00	22.26 0.99 0.00
ASTORIA_GT_7 24107	24.06 0.75 0.00	20.79 0.66 0.00	18.79 0.68 0.00	16.80 0.65 0.00	17.27 0.65 0.00	20.73 0.72 0.00	23.75 1.11 0.00	28.28 1.52 0.00	32.48 1.80 0.00	35.96 2.05 0.00	34.14 1.98 -1.89	39.69 1.52 -14.64	34.02 1.25 -14.19	35.46 1.17 -16.86	32.53 1.46 -10.26	30.99 1.73 -4.64	30.89 1.49 -7.95	30.48 1.71 -4.15	33.89 2.06 -1.28	29.43 1.80 -1.45	25.90 1.70 0.00	25.08 1.54 0.00	23.46 1.27 0.00	22.26 0.99 0.00
ASTORIA_GT_8 24108	24.05 0.75 0.00	20.79 0.66 0.00	18.79 0.68 0.00	16.80 0.65 0.00	17.27 0.65 0.00	20.73 0.72 0.00	23.75 1.11 0.00	28.28 1.51 0.00	32.47 1.80 0.00	35.95 2.05 0.00	34.14 1.98 -1.89	39.69 1.52 -14.64	34.02 1.25 -14.19	35.46 1.17 -16.86	32.53 1.46 -10.26	30.99 1.73 -4.64	30.89 1.49 -7.95	30.48 1.72 -4.15	33.89 2.07 -1.28	29.43 1.79 -1.45	25.90 1.70 0.00	25.08 1.54 0.00	23.46 1.27 0.00	22.26 0.99 0.00
ASTORIA___2 24149	24.01 0.70 0.00	20.75 0.62 0.00	18.75 0.64 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.70 0.69 0.00	23.71 1.07 0.00	28.23 1.46 0.00	32.41 1.73 0.00	35.89 1.98 0.00	34.06 1.91 -1.89	39.64 1.47 -14.64	33.98 1.21 -14.19	35.42 1.12 -16.86	32.48 1.40 -10.26	30.94 1.68 -4.64	30.85 1.44 -7.95	30.43 1.65 -4.15	33.83 2.00 -1.28	29.38 1.74 -1.45	25.85 1.65 0.00	25.03 1.49 0.00	23.42 1.23 0.00	22.22 0.95 0.00
ASTORIA___3 23516	24.10 0.79 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.06 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.56 1.79 -4.15	33.95 2.13 -1.28	29.49 1.85 -1.45	25.95 1.75 0.00	25.13 1.60 0.00	23.50 1.31 0.00	22.29 1.02 0.00
ASTORIA___4 23517	24.10 0.79 0.00	20.83 0.70 0.00	18.81 0.70 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.07 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.96 2.13 -1.28	29.48 1.85 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.29 1.02 0.00
ASTORIA___5 23518	24.10 0.79 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.06 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.56 1.79 -4.15	33.95 2.13 -1.28	29.49 1.85 -1.45	25.95 1.75 0.00	25.13 1.60 0.00	23.50 1.31 0.00	22.29 1.02 0.00
AST_ENERGY_2_CC3 323677	24.01 0.70 0.00	20.75 0.62 0.00	18.72 0.61 0.00	16.75 0.59 0.00	17.21 0.59 0.00	20.72 0.70 0.00	23.68 1.04 0.00	28.21 1.45 0.00	32.40 1.72 0.00	35.90 2.00 0.00	34.07 1.92 -1.89	39.65 1.50 -14.62	33.96 1.20 -14.19	35.43 1.14 -16.86	32.49 1.41 -10.26	30.96 1.70 -4.64	30.88 1.47 -7.95	30.46 1.69 -4.15	33.84 2.02 -1.28	29.38 1.74 -1.45	25.84 1.64 0.00	25.01 1.47 0.00	23.40 1.21 0.00	22.19 0.92 0.00
AST_ENERGY_2_CC4 323678	24.01 0.70 0.00	20.75 0.62 0.00	18.72 0.61 0.00	16.75 0.59 0.00	17.21 0.59 0.00	20.72 0.70 0.00	23.68 1.04 0.00	28.21 1.45 0.00	32.40 1.72 0.00	35.90 2.00 0.00	34.07 1.92 -1.89	39.65 1.50 -14.62	33.96 1.20 -14.19	35.43 1.14 -16.86	32.49 1.41 -10.26	30.96 1.70 -4.64	30.88 1.47 -7.95	30.46 1.69 -4.15	33.84 2.02 -1.28	29.38 1.74 -1.45	25.84 1.64 0.00	25.01 1.47 0.00	23.40 1.21 0.00	22.19 0.92 0.00
ATHENS_STG_1 23668	23.69 0.38 0.00	20.48 0.35 0.00	18.48 0.37 0.00	16.52 0.37 0.00	16.98 0.36 0.00	20.43 0.42 0.00	23.25 0.61 0.00	27.70 0.93 0.00	31.83 1.15 0.00	35.24 1.34 0.00	33.71 1.32 -2.13	41.06 1.03 -16.51	35.45 0.81 -16.06	37.22 0.76 -19.02	33.34 0.93 -11.60	30.98 1.12 -5.24	31.43 0.98 -8.99	30.51 1.11 -4.77	33.54 1.36 -1.63	29.07 1.17 -1.72	25.28 1.08 0.00	24.49 0.96 0.00	22.96 0.76 0.00	21.82 0.55 0.00
ATHENS_STG_2 23670	23.69 0.38 0.00	20.48 0.35 0.00	18.48 0.37 0.00	16.52 0.37 0.00	16.98 0.36 0.00	20.43 0.42 0.00	23.25 0.61 0.00	27.70 0.93 0.00	31.83 1.15 0.00	35.24 1.34 0.00	33.71 1.32 -2.13	41.06 1.03 -16.51	35.45 0.81 -16.06	37.22 0.76 -19.02	33.34 0.93 -11.60	30.98 1.12 -5.24	31.43 0.98 -8.99	30.51 1.11 -4.77	33.54 1.36 -1.63	29.07 1.17 -1.72	25.28 1.08 0.00	24.49 0.96 0.00	22.96 0.76 0.00	21.82 0.55 0.00

ATHENS_STG_3 23677	23.69 0.38 0.00	20.48 0.35 0.00	18.48 0.37 0.00	16.52 0.37 0.00	16.98 0.36 0.00	20.43 0.42 0.00	23.25 0.61 0.00	27.70 0.93 0.00	31.83 1.15 0.00	35.24 1.34 0.00	33.71 1.32 -2.13	41.06 1.03 -16.51	35.45 0.81 -16.06	37.22 0.76 -19.02	33.34 0.93 -11.60	30.98 1.12 -5.24	31.43 0.98 -8.99	30.51 1.11 -4.77	33.54 1.36 -1.63	29.07 1.17 -1.72	25.28 1.08 0.00	24.49 0.96 0.00	22.96 0.76 0.00	21.82 0.55 0.00
AUBURN____LFGE 323710	23.66 0.35 0.00	20.50 0.38 0.00	18.43 0.32 0.00	16.42 0.26 0.00	16.89 0.27 0.00	20.36 0.34 0.00	23.10 0.47 0.00	27.18 0.42 0.00	30.96 0.29 0.00	34.23 0.32 0.00	30.71 0.17 -0.28	25.76 0.09 -2.14	20.70 0.04 -2.08	19.95 0.05 -2.46	22.38 0.07 -1.50	25.39 0.09 -0.68	22.72 0.11 -1.16	25.39 0.14 -0.62	30.94 0.19 -0.21	26.58 0.17 -0.22	24.38 0.18 0.00	23.75 0.22 0.00	22.53 0.33 0.00	21.57 0.30 0.00
BABYLON_RES_REC 323704	34.99 1.44 -10.24	22.78 1.18 -1.47	19.21 1.11 0.00	17.21 1.05 0.00	17.69 1.07 0.00	21.33 1.32 0.00	24.44 1.80 0.00	28.86 2.09 0.00	33.22 2.54 0.00	36.75 2.85 0.00	34.85 2.70 -1.89	40.26 2.16 -14.58	34.47 1.70 -14.20	35.91 1.61 -16.86	33.38 1.99 -10.58	32.21 2.39 -5.20	31.58 2.05 -8.07	76.82 2.37 -49.83	59.40 2.91 -25.95	32.12 2.55 -3.40	26.60 2.34 -0.06	25.65 2.12 0.00	23.98 1.79 0.00	22.74 1.47 0.00
BABYLON__69_KV_BK2 356345	35.06 1.73 -10.02	23.01 1.44 -1.44	19.44 1.34 0.00	17.41 1.26 0.00	17.90 1.29 0.00	21.60 1.58 0.00	24.75 2.11 0.00	29.19 2.42 0.00	33.63 2.95 0.00	37.23 3.32 0.00	35.27 3.12 -1.89	40.59 2.48 -14.58	34.73 1.96 -14.19	36.16 1.86 -16.86	33.66 2.28 -10.58	32.57 2.75 -5.19	31.87 2.34 -8.07	77.18 2.73 -49.82	59.85 3.36 -25.95	32.53 2.95 -3.39	26.96 2.70 -0.06	25.99 2.45 0.00	24.29 2.09 0.00	23.02 1.75 0.00
BALL_HILL_WT_PWR 323825	23.93 0.62 0.00	20.61 0.48 0.00	18.55 0.44 0.00	16.43 0.28 0.00	17.00 0.38 0.00	20.62 0.61 0.00	23.31 0.67 0.00	27.18 0.41 0.00	30.65 -0.03 0.00	34.19 0.29 0.00	30.70 0.09 -0.34	25.19 -0.19 -1.85	18.63 -0.40 -0.46	19.70 -0.35 -2.62	21.41 -0.45 -1.05	24.75 -0.59 -0.72	21.62 -0.46 -0.63	21.62 -0.62 2.38	23.72 -0.69 6.14	23.21 -0.62 2.35	23.82 -0.39 0.00	23.48 -0.05 0.00	22.16 -0.03 0.00	21.72 0.44 0.00
BARON_WINDS____WT_PWR 323822	23.79 0.48 0.00	20.51 0.38 0.00	18.62 0.35 -0.16	16.44 0.24 -0.04	16.91 0.29 0.00	20.37 0.36 0.00	23.21 0.57 0.00	27.21 0.44 0.00	30.76 0.09 0.00	35.50 0.33 -1.27	32.06 0.09 -1.70	26.42 -0.09 -2.99	20.54 -0.25 -2.22	20.88 -0.25 -3.69	22.53 -0.25 -1.97	25.26 -0.37 -1.02	22.67 -0.22 -1.43	23.62 -0.37 0.64	27.10 -0.48 2.97	24.78 -0.41 1.00	23.86 -0.35 0.00	23.53 0.00 0.00	22.08 -0.11 0.00	21.47 0.20 0.00
BARRETT_IC_1 23704	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_10 23701	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	38.35 1.74 -13.08	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_11 23702	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	38.35 1.74 -13.08	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_12 23703	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	38.35 1.74 -13.08	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_2 23705	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_3 23706	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_4 23707	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_5 23708	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_6 23709	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00

BARRETT_IC_7 23710	125.02 1.14 -100.57	35.48 0.96 -14.39	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.72 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.73 -14.20	34.15 1.38 -14.19	35.59 1.30 -16.86	33.03 1.64 -10.58	31.78 1.96 -5.19	31.24 1.71 -8.07	76.41 1.96 -49.82	58.83 2.34 -25.95	31.57 2.00 -3.39	26.17 1.91 -0.06	25.30 1.76 0.00	23.71 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_8 23711	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT_IC_9 23700	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	38.35 1.74 -13.08	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT___1 23545	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	39.46 1.74 -14.20	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BARRETT___2 23546	125.02 1.14 -100.57	35.49 0.96 -14.40	19.05 0.93 -0.01	17.04 0.89 0.00	17.51 0.90 0.00	21.12 1.09 -0.02	24.13 1.47 -0.02	28.48 1.71 0.00	32.73 2.05 0.00	36.16 2.26 0.00	34.35 2.20 -1.89	38.35 1.74 -13.08	34.15 1.38 -14.20	35.60 1.30 -16.86	33.04 1.64 -10.58	31.78 1.96 -5.20	31.24 1.71 -8.07	76.41 1.96 -49.83	58.83 2.33 -25.95	31.58 2.00 -3.40	26.17 1.91 -0.06	25.30 1.76 0.00	23.70 1.51 0.00	22.48 1.21 0.00
BATAVIA___115KV_TB1 55881	24.34 1.03 0.00	20.97 0.83 0.00	18.88 0.77 0.00	16.73 0.58 0.00	17.34 0.72 0.00	21.06 1.05 0.00	23.79 1.16 0.00	27.70 0.94 0.00	31.18 0.51 0.00	34.67 0.76 0.00	31.16 0.59 -0.30	25.27 0.04 -1.70	19.01 -0.15 -0.59	19.65 -0.13 -2.35	21.60 -0.21 -1.00	25.06 -0.21 -0.65	21.92 -0.16 -0.62	22.64 -0.15 1.83	25.65 -0.02 4.87	24.37 0.03 1.85	24.33 0.12 0.00	23.83 0.29 0.00	22.60 0.40 0.00	22.11 0.84 0.00
BAYONEEC___CTG1 323682	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG10 323750	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG2 323683	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG3 323684	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG4 323685	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG5 323686	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG6 323687	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG7 323688	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BAYONEEC___CTG8 323689	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00

BAYONEEC___CTG9 323749	24.03 0.72 0.00	20.76 0.63 0.00	18.73 0.62 0.00	16.76 0.61 0.00	17.22 0.61 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.22 1.46 0.00	31.98 1.74 0.43	34.78 2.00 1.13	34.08 1.93 -1.89	39.66 1.51 -14.62	33.97 1.20 -14.19	34.96 1.14 -16.39	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.48 -7.95	30.47 1.70 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.87 1.67 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
BEACON___LESR 323632	23.51 0.20 0.00	20.33 0.20 0.00	18.31 0.20 0.00	16.39 0.24 0.00	16.86 0.24 0.00	20.30 0.29 0.00	23.15 0.51 0.00	27.59 0.83 0.00	31.79 1.11 0.00	35.21 1.31 0.00	33.92 1.27 -2.38	43.01 1.00 -18.48	37.36 0.81 -17.97	39.50 0.78 -21.28	34.73 0.94 -12.97	31.58 1.10 -5.86	32.47 0.95 -10.06	31.08 1.12 -5.34	33.74 1.37 -1.82	29.29 1.19 -1.92	25.25 1.04 0.00	24.46 0.93 0.00	22.87 0.68 0.00	21.67 0.40 0.00
BEAVER RIVER___HYD 24048	23.63 0.32 0.00	20.34 0.20 0.00	18.27 0.16 0.00	16.28 0.12 0.00	16.76 0.14 0.00	20.30 0.29 0.00	23.12 0.48 0.00	27.33 0.56 0.00	31.15 0.47 0.00	34.17 0.27 0.00	30.48 0.12 -0.09	24.24 0.02 -0.70	19.28 0.03 -0.68	18.24 0.00 -0.80	21.31 0.01 -0.49	24.85 0.01 -0.22	21.72 -0.11 -0.38	24.97 0.14 -0.20	30.98 0.37 -0.07	26.64 0.38 -0.07	24.55 0.35 0.00	23.77 0.24 0.00	22.40 0.21 0.00	21.56 0.29 0.00
BEEBEE_GT_13 23619	23.64 0.33 0.00	20.37 0.23 0.00	18.33 0.22 0.00	16.28 0.12 0.00	16.81 0.20 0.00	20.36 0.35 0.00	22.99 0.35 0.00	26.89 0.13 0.00	30.49 -0.19 0.00	33.80 -0.10 0.00	30.37 -0.15 -0.26	25.47 -0.25 -2.19	20.66 -0.36 -2.44	19.52 -0.32 -2.41	21.96 -0.44 -1.60	24.81 -0.48 -0.66	22.33 -0.41 -1.28	25.43 -0.51 -1.31	31.68 -0.56 -1.69	26.48 -0.53 -0.82	23.77 -0.43 0.00	23.24 -0.29 0.00	22.07 -0.13 0.00	21.44 0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.30 0.99 0.00	20.98 0.85 0.00	18.94 0.83 0.00	16.92 0.77 0.00	17.39 0.78 0.00	20.95 0.94 0.00	23.96 1.32 0.00	28.21 1.76 0.32	32.13 2.10 0.65	35.10 2.41 1.21	33.99 2.32 -1.40	39.95 1.80 -14.62	34.21 1.45 -14.19	35.52 1.34 -16.74	32.75 1.68 -10.26	31.34 2.08 -4.64	31.21 1.80 -7.95	30.83 2.05 -4.15	34.31 2.48 -1.28	29.79 2.15 -1.45	26.20 1.99 0.00	25.38 1.85 0.00	23.74 1.55 0.00	22.50 1.23 0.00
BETHLEHEM___GRP 23843	23.17 -0.13 0.00	20.06 -0.07 0.00	18.10 -0.01 0.00	16.19 0.04 0.00	16.65 0.03 0.00	20.01 0.00 0.00	22.74 0.10 0.00	27.14 0.38 0.00	31.25 0.58 0.00	34.62 0.72 0.00	33.42 0.77 -2.38	42.63 0.60 -18.50	37.07 0.50 -18.00	39.21 0.46 -21.31	34.38 0.57 -13.00	31.17 0.67 -5.87	32.10 0.58 -10.08	30.61 0.64 -5.34	33.19 0.81 -1.83	28.82 0.72 -1.92	24.83 0.62 0.00	24.03 0.49 0.00	22.52 0.32 0.00	21.37 0.10 0.00
BETHLEHEM___GS1 323560	23.18 -0.13 0.00	20.06 -0.07 0.00	18.09 -0.02 0.00	16.19 0.04 0.00	16.65 0.03 0.00	20.01 0.00 0.00	22.74 0.10 0.00	27.14 0.38 0.00	31.26 0.58 0.00	34.62 0.72 0.00	33.42 0.77 -2.38	42.63 0.60 -18.50	37.07 0.49 -18.00	39.21 0.46 -21.31	34.38 0.57 -13.00	31.17 0.67 -5.87	32.11 0.58 -10.08	30.61 0.64 -5.34	33.19 0.81 -1.83	28.82 0.72 -1.92	24.82 0.62 0.00	24.02 0.49 0.00	22.51 0.32 0.00	21.37 0.10 0.00
BETHLEHEM___GS2 323561	23.18 -0.13 0.00	20.06 -0.07 0.00	18.09 -0.02 0.00	16.19 0.04 0.00	16.65 0.03 0.00	20.01 0.00 0.00	22.74 0.10 0.00	27.14 0.38 0.00	31.26 0.58 0.00	34.62 0.72 0.00	33.42 0.77 -2.38	42.63 0.60 -18.50	37.07 0.49 -18.00	39.21 0.46 -21.31	34.38 0.57 -13.00	31.17 0.67 -5.87	32.11 0.58 -10.08	30.61 0.64 -5.34	33.19 0.81 -1.83	28.82 0.72 -1.92	24.82 0.62 0.00	24.02 0.49 0.00	22.51 0.32 0.00	21.37 0.10 0.00
BETHLEHEM___GS3 323562	23.18 -0.13 0.00	20.06 -0.07 0.00	18.09 -0.02 0.00	16.19 0.04 0.00	16.65 0.03 0.00	20.01 0.00 0.00	22.74 0.10 0.00	27.14 0.38 0.00	31.26 0.58 0.00	34.62 0.72 0.00	33.42 0.77 -2.38	42.63 0.60 -18.50	37.07 0.49 -18.00	39.21 0.46 -21.31	34.38 0.57 -13.00	31.17 0.67 -5.87	32.11 0.58 -10.08	30.61 0.64 -5.34	33.19 0.81 -1.83	28.82 0.72 -1.92	24.82 0.62 0.00	24.02 0.49 0.00	22.51 0.32 0.00	21.37 0.10 0.00
BETHLEHEM___STEEL 23779	23.94 0.63 0.00	20.62 0.49 0.00	18.56 0.45 0.00	16.44 0.29 0.00	17.02 0.40 0.00	20.64 0.63 0.00	23.27 0.63 0.00	27.11 0.35 0.00	30.58 -0.09 0.00	34.13 0.22 0.00	30.66 0.06 -0.33	25.04 -0.26 -1.77	18.49 -0.43 -0.35	19.58 -0.40 -2.54	21.29 -0.51 -0.99	24.71 -0.61 -0.70	21.53 -0.50 -0.57	21.51 -0.64 2.48	23.51 -0.73 6.31	23.12 -0.64 2.42	23.76 -0.45 0.00	23.38 -0.15 0.00	22.16 -0.03 0.00	21.73 0.46 0.00
BETHLHEM_115KV_TB1 79974	23.26 -0.05 0.00	20.13 0.00 0.00	18.16 0.05 0.00	16.24 0.09 0.00	16.70 0.08 0.00	20.08 0.06 0.00	22.82 0.18 0.00	27.22 0.45 0.00	31.34 0.66 0.00	34.71 0.81 0.00	33.49 0.84 -2.38	42.69 0.66 -18.50	37.11 0.54 -17.99	39.25 0.50 -21.31	34.42 0.62 -12.99	31.23 0.74 -5.87	32.15 0.71 -10.08	30.68 0.71 -5.34	33.26 0.89 -1.83	28.88 0.77 -1.92	24.89 0.69 0.00	24.09 0.56 0.00	22.58 0.38 0.00	21.44 0.17 0.00
BETHPAGE_CC_5 323564	38.44 1.35 -13.78	23.21 1.11 -1.97	19.14 1.04 0.00	17.14 0.99 0.00	17.62 1.00 0.00	21.24 1.22 0.00	24.30 1.66 0.00	28.71 1.95 0.00	33.06 2.38 0.00	36.57 2.67 0.00	34.65 2.49 -1.89	40.10 1.99 -14.58	34.34 1.58 -14.20	35.79 1.49 -16.86	33.25 1.85 -10.58	32.03 2.21 -5.20	31.45 1.92 -8.07	76.66 2.22 -49.83	59.21 2.71 -25.95	31.93 2.35 -3.40	26.42 2.16 -0.06	25.50 1.97 0.00	23.87 1.68 0.00	22.63 1.36 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.98 0.67 0.00	20.64 0.51 0.00	18.58 0.48 0.00	16.45 0.30 0.00	17.04 0.42 0.00	20.66 0.65 0.00	23.31 0.67 0.00	27.17 0.41 0.00	30.67 0.00 0.00	34.23 0.33 0.00	30.76 0.15 -0.34	25.13 -0.20 -1.81	18.60 -0.38 -0.40	19.66 -0.35 -2.57	21.39 -0.44 -1.02	24.78 -0.55 -0.71	21.62 -0.43 -0.60	21.63 -0.56 2.43	23.70 -0.62 6.22	23.25 -0.54 2.39	23.85 -0.35 0.00	23.46 -0.07 0.00	22.23 0.04 0.00	21.78 0.51 0.00
BINGHAMTON___COGEN 23790	23.57 0.27 0.00	20.35 0.21 0.00	18.31 0.20 0.00	16.31 0.16 0.00	16.80 0.18 0.00	20.28 0.26 0.00	23.05 0.42 0.00	27.23 0.47 0.00	31.14 0.46 0.00	34.48 0.58 0.00	31.37 0.47 -0.63	28.62 0.33 -4.76	23.18 0.20 -4.41	23.19 0.18 -5.57	24.33 0.21 -3.30	26.39 0.24 -1.53	24.26 0.28 -2.53	25.81 0.30 -0.88	30.31 0.36 0.60	26.56 0.31 -0.06	24.53 0.32 0.00	23.93 0.40 0.00	22.49 0.30 0.00	21.59 0.31 0.00
BIXINCNT_115KV_LOAD 355685	24.10 0.79 0.00	20.73 0.60 0.00	18.68 0.57 0.00	16.54 0.39 0.00	17.12 0.50 0.00	20.77 0.76 0.00	23.51 0.87 0.00	27.49 0.73 0.00	31.11 0.44 0.00	34.72 0.82 0.00	31.14 0.52 -0.35	25.44 -0.05 -1.97	18.91 -0.32 -0.65	19.81 -0.35 -2.73	21.47 -0.48 -1.15	24.70 -0.67 -0.75	21.67 -0.49 -0.71	21.74 -0.69 2.19	24.07 -0.69 5.79	23.53 -0.45 2.20	23.95 -0.25 0.00	23.59 0.06 0.00	22.30 0.10 0.00	21.86 0.58 0.00

BLACK RIVER___HYD 24047	24.04 0.73 0.00	20.66 0.53 0.00	18.56 0.45 0.00	16.53 0.38 0.00	17.04 0.42 0.00	20.67 0.66 0.00	23.58 0.94 0.00	27.84 1.08 0.00	31.60 0.93 0.00	34.60 0.70 0.00	30.89 0.50 -0.13	24.72 0.23 -0.97	19.74 0.22 -0.94	18.72 0.16 -1.12	21.68 0.19 -0.68	25.18 0.25 -0.31	22.09 0.10 -0.53	25.33 0.42 -0.28	31.46 0.82 -0.10	27.11 0.83 -0.10	25.00 0.80 0.00	24.21 0.67 0.00	22.79 0.60 0.00	21.89 0.62 0.00
BLACKRVR_115KV_TB2 79977	24.04 0.73 0.00	20.66 0.53 0.00	18.56 0.45 0.00	16.53 0.38 0.00	17.04 0.42 0.00	20.67 0.66 0.00	23.58 0.94 0.00	27.85 1.08 0.00	31.61 0.93 0.00	34.59 0.69 0.00	30.89 0.50 -0.13	24.72 0.22 -0.97	19.74 0.22 -0.94	18.72 0.16 -1.12	21.68 0.19 -0.68	25.18 0.25 -0.31	22.09 0.10 -0.53	25.33 0.42 -0.28	31.45 0.81 -0.10	27.11 0.83 -0.10	25.00 0.80 0.00	24.20 0.67 0.00	22.79 0.60 0.00	21.89 0.62 0.00
BLISS_WT_PWR 323608	24.11 0.80 0.00	20.73 0.61 0.00	18.29 0.59 0.41	16.45 0.40 0.10	17.13 0.51 0.00	20.78 0.77 0.00	23.52 0.88 0.00	27.51 0.74 0.00	31.13 0.46 0.00	29.48 0.86 5.28	25.90 0.55 4.91	25.42 -0.08 -1.97	18.85 -0.37 -0.65	19.77 -0.40 -2.73	21.42 -0.54 -1.15	24.62 -0.75 -0.75	21.62 -0.55 -0.71	21.65 -0.78 2.19	24.00 -0.76 5.79	23.50 -0.48 2.20	23.92 -0.28 0.00	23.57 0.03 0.00	22.27 0.07 0.00	21.84 0.56 0.00
BLUESTONE___WT_PWR 323821	24.43 1.12 0.00	21.05 0.92 0.00	19.00 0.83 -0.06	16.90 0.73 -0.01	17.40 0.78 0.00	21.06 1.05 0.00	24.09 1.45 0.00	28.53 1.77 0.00	32.60 1.93 0.00	37.03 2.14 -0.99	33.81 1.84 -1.70	30.33 1.36 -5.45	24.69 0.99 -5.13	24.68 0.91 -6.34	25.71 1.10 -3.79	27.65 1.29 -1.75	25.58 1.21 -2.92	27.28 1.46 -1.20	32.10 1.82 0.26	28.04 1.62 -0.24	25.69 1.49 0.00	24.97 1.44 0.00	23.39 1.19 0.00	22.31 1.04 0.00
BLUE_CIRC_CHEM_DRP 24182	23.62 0.31 0.00	20.44 0.31 0.00	18.43 0.33 0.00	16.48 0.33 0.00	16.95 0.34 0.00	20.39 0.38 0.00	23.16 0.52 0.00	27.60 0.83 0.00	31.75 1.07 0.00	35.16 1.26 0.00	33.84 1.23 -2.34	42.69 0.96 -18.20	37.06 0.78 -17.71	39.13 0.72 -20.97	34.48 0.88 -12.78	31.44 1.04 -5.78	32.26 0.90 -9.91	30.90 1.02 -5.26	33.61 1.27 -1.80	29.17 1.10 -1.89	25.18 0.98 0.00	24.38 0.85 0.00	22.86 0.67 0.00	21.73 0.46 0.00
BOC_GAS_DRP 24189	23.48 0.18 0.00	20.32 0.18 0.00	18.32 0.21 0.00	16.38 0.23 0.00	16.84 0.23 0.00	20.25 0.24 0.00	23.02 0.38 0.00	27.42 0.66 0.00	31.53 0.86 0.00	34.91 1.00 -2.38	33.66 1.01 -18.49	42.80 0.78 -17.99	37.19 0.63 -21.30	39.32 0.58 -12.99	34.52 0.72 -5.87	31.35 0.86 -10.07	32.27 0.74 -5.34	30.81 0.84 -1.83	33.42 1.04 -1.83	29.01 0.90 -1.92	25.02 0.82 0.00	24.24 0.70 0.00	22.74 0.54 0.00	21.62 0.35 0.00
BOONVILLE_115KV_TB1 79983	23.77 0.46 0.00	20.49 0.36 0.00	18.43 0.32 0.00	16.43 0.28 0.00	16.93 0.31 0.00	20.46 0.45 0.00	23.29 0.65 0.00	27.57 0.80 0.00	31.54 0.86 0.00	34.74 0.84 0.00	31.00 0.66 -0.08	24.62 0.50 -0.59	19.53 0.38 -0.58	18.45 0.33 -0.69	21.63 0.40 -0.42	25.28 0.47 -0.19	22.16 0.38 -0.32	25.39 0.60 -0.17	31.44 0.84 -0.06	26.98 0.73 -0.06	24.86 0.65 0.00	24.11 0.57 0.00	22.69 0.49 0.00	21.74 0.46 0.00
BORALEX_4TH_BRANCH 23824	23.86 0.55 0.00	20.72 0.59 0.00	18.71 0.60 0.00	16.80 0.65 0.00	17.22 0.60 0.00	20.66 0.65 0.00	23.44 0.80 0.00	28.20 1.44 0.00	32.57 1.89 0.00	36.11 2.20 0.00	34.78 2.14 -2.37	43.62 1.67 -18.42	37.83 1.34 -17.92	39.92 1.26 -21.22	35.26 1.51 -12.94	32.22 1.76 -5.85	32.96 1.48 -10.03	31.55 1.61 -5.32	34.39 2.02 -1.82	29.82 1.73 -1.91	25.87 1.67 0.00	25.03 1.49 0.00	23.36 1.17 0.00	22.12 0.85 0.00
BOWLINE___1 23526	23.84 0.53 0.00	20.59 0.46 0.00	18.58 0.47 0.00	16.61 0.45 0.00	17.06 0.44 0.00	20.55 0.54 0.00	23.47 0.83 0.00	27.91 1.15 0.00	32.05 1.37 0.00	35.49 1.58 0.00	33.65 1.57 -1.81	38.84 1.25 -14.06	33.23 1.01 -13.64	34.60 0.96 -16.21	31.85 1.17 -9.87	30.49 1.40 -4.47	30.35 1.24 -7.64	30.03 1.43 -3.99	33.48 1.72 -1.22	29.05 1.47 -1.39	25.56 1.36 0.00	24.76 1.23 0.00	23.18 0.99 0.00	22.00 0.73 0.00
BOWLINE___2 23595	23.84 0.53 0.00	20.59 0.46 0.00	18.58 0.47 0.00	16.61 0.45 0.00	17.06 0.44 0.00	20.55 0.54 0.00	23.47 0.83 0.00	27.91 1.15 0.00	32.05 1.37 0.00	35.49 1.59 0.00	33.65 1.57 -1.81	38.84 1.25 -14.06	33.23 1.01 -13.64	34.60 0.96 -16.21	31.85 1.17 -9.87	30.49 1.40 -4.47	30.35 1.24 -7.65	30.03 1.43 -3.99	33.49 1.72 -1.22	29.05 1.47 -1.39	25.56 1.36 0.00	24.76 1.23 0.00	23.18 0.99 0.00	22.00 0.73 0.00
BRADY___115KV_TB2 356060	23.47 0.16 0.00	20.25 0.12 0.00	18.12 0.01 0.00	16.14 -0.02 0.00	16.60 -0.02 0.00	20.01 0.00 0.00	22.57 -0.07 0.00	26.63 -0.13 0.00	30.45 -0.22 0.00	33.51 -0.39 0.00	29.90 -0.37 0.00	23.26 -0.26 0.00	18.36 -0.22 0.00	17.26 -0.17 0.00	20.61 -0.20 0.00	24.38 -0.24 0.00	21.15 -0.31 0.00	24.41 -0.22 0.00	30.38 -0.16 0.00	26.09 -0.09 0.00	24.09 -0.11 0.00	23.41 -0.12 0.00	22.09 -0.10 0.00	21.36 0.09 0.00
BRANSCOMB___SOLAR 323811	24.17 0.86 0.00	20.89 0.76 0.00	18.84 0.73 0.00	16.85 0.70 0.00	17.34 0.72 0.00	20.91 0.90 0.00	23.77 1.13 0.00	28.47 1.71 0.00	32.83 2.16 0.00	36.35 2.45 0.00	35.05 2.35 -2.44	44.25 1.79 -18.94	38.41 1.41 -18.42	40.58 1.32 -21.82	35.69 1.58 -13.30	32.48 1.85 -6.01	33.34 1.58 -10.31	31.88 1.79 -5.47	34.63 2.21 -1.87	30.03 1.88 -1.97	25.92 1.72 0.00	25.07 1.53 0.00	23.49 1.30 0.00	22.31 1.04 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.59 1.64 -5.65	22.31 1.36 -0.81	19.36 1.26 0.00	17.35 1.20 0.00	17.84 1.22 0.00	21.51 1.50 0.00	24.65 2.01 0.00	29.04 2.28 0.00	33.44 2.77 0.00	37.02 3.12 0.00	35.07 2.92 -1.89	40.45 2.34 -14.59	34.63 1.86 -14.19	36.06 1.76 -16.86	33.55 2.16 -10.58	32.42 2.60 -5.19	31.74 2.22 -8.07	77.05 2.60 -49.82	59.66 3.17 -25.95	32.38 2.80 -3.39	26.82 2.56 -0.06	25.85 2.31 0.00	24.19 1.99 0.00	22.95 1.68 0.00
BRISTLHL_115KV_TB1 79998	23.76 0.45 0.00	20.46 0.33 0.00	18.42 0.31 0.00	16.41 0.25 0.00	16.91 0.29 0.00	20.42 0.41 0.00	23.19 0.55 0.00	27.28 0.51 0.00	31.10 0.42 0.00	34.31 0.41 0.00	30.69 0.23 -0.20	25.19 0.13 -1.53	20.17 0.10 -1.49	19.29 0.09 -1.76	22.00 0.11 -1.08	25.27 0.16 -0.49	22.44 0.16 -0.84	25.29 0.22 -0.44	31.07 0.37 -0.15	26.67 0.33 -0.16	24.51 0.31 0.00	23.86 0.33 0.00	22.59 0.40 0.00	21.70 0.43 0.00
BROOKHAVEN___DRP 24191	29.66 1.63 -4.73	22.16 1.35 -0.68	19.38 1.27 0.00	17.37 1.21 0.00	17.86 1.24 0.00	21.51 1.50 0.00	24.66 2.02 0.00	29.05 2.29 0.00	33.45 2.78 0.00	37.05 3.15 0.00	35.13 2.98 -1.89	40.48 2.37 -14.59	34.64 1.87 -14.19	36.09 1.79 -16.86	33.57 2.18 -10.58	32.44 2.62 -5.19	31.74 2.22 -8.07	77.06 2.61 -49.82	59.73 3.24 -25.95	32.43 2.86 -3.39	26.86 2.60 -0.06	25.89 2.36 0.00	24.23 2.04 0.00	22.99 1.72 0.00



BROOKLYN_NAVY_YARD 23515	24.01 0.70 0.00	20.75 0.62 0.00	18.72 0.61 0.00	16.75 0.60 0.00	17.21 0.59 0.00	20.72 0.71 0.00	23.69 1.05 0.00	28.24 1.47 0.00	32.42 1.75 0.00	35.93 2.02 0.00	34.07 1.92 -1.89	39.68 1.50 -14.65	33.96 1.20 -14.19	35.43 1.14 -16.86	32.48 1.41 -10.26	30.96 1.70 -4.64	30.88 1.47 -7.95	30.46 1.68 -4.15	33.82 2.00 -1.28	29.37 1.73 -1.45	25.83 1.62 0.00	24.99 1.45 0.00	23.40 1.21 0.00	22.18 0.91 0.00
BROOKLYN___ARMY_DRP 323595	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
BROOKVLE_69_KV_TB1 55790	50.34 1.21 -25.82	24.82 1.00 -3.70	19.06 0.95 0.00	17.05 0.89 0.00	17.53 0.91 0.00	21.12 1.11 0.00	24.15 1.50 0.00	28.64 1.87 0.00	32.94 2.27 0.00	36.45 2.55 0.00	34.55 2.40 -1.89	40.07 1.94 -14.60	34.32 1.55 -14.19	35.74 1.44 -16.86	33.17 1.78 -10.58	31.99 2.18 -5.19	31.42 1.90 -8.07	76.62 2.17 -49.82	59.14 2.65 -25.95	31.76 2.19 -3.39	26.30 2.04 -0.06	25.44 1.91 0.00	23.78 1.59 0.00	22.53 1.26 0.00
BROOME_2_LFGE 323671	23.57 0.26 0.00	20.35 0.21 0.00	18.37 0.20 -0.06	16.33 0.16 -0.02	16.80 0.18 0.00	20.27 0.26 0.00	23.05 0.42 0.00	27.23 0.46 0.00	31.14 0.46 0.00	35.83 0.58 -1.36	32.72 0.47 -1.98	28.62 0.33 -4.76	23.17 0.19 -4.41	23.18 0.18 -5.57	24.33 0.21 -3.30	26.39 0.24 -1.53	24.26 0.28 -2.53	25.81 0.31 -0.88	30.30 0.36 0.60	26.56 0.31 -0.06	24.53 0.33 0.00	23.93 0.40 0.00	22.49 0.30 0.00	21.59 0.32 0.00
BROOME___LFGE 323600	23.57 0.26 0.00	20.35 0.21 0.00	18.37 0.20 -0.06	16.33 0.16 -0.02	16.80 0.18 0.00	20.27 0.26 0.00	23.05 0.42 0.00	27.23 0.46 0.00	31.14 0.46 0.00	35.83 0.58 -1.36	32.72 0.47 -1.98	28.62 0.33 -4.76	23.17 0.19 -4.41	23.18 0.18 -5.57	24.33 0.21 -3.30	26.39 0.24 -1.53	24.26 0.28 -2.53	25.81 0.31 -0.88	30.30 0.36 0.60	26.56 0.31 -0.06	24.53 0.33 0.00	23.93 0.40 0.00	22.49 0.30 0.00	21.59 0.32 0.00
BROWNFLS_115KV_TB_3_5 80003	23.31 0.01 0.00	20.08 -0.05 0.00	18.01 -0.10 0.00	16.04 -0.11 0.00	16.51 -0.11 0.00	19.95 -0.06 0.00	22.63 -0.01 0.00	26.75 -0.02 0.00	30.56 -0.11 0.00	33.57 -0.33 0.00	29.96 -0.37 -0.06	23.69 -0.33 -0.49	18.80 -0.25 -0.48	17.75 -0.25 -0.56	20.86 -0.29 -0.34	24.43 -0.35 -0.15	21.30 -0.42 -0.27	24.48 -0.29 -0.14	30.38 -0.21 -0.05	26.11 -0.12 -0.05	24.07 -0.13 0.00	23.36 -0.18 0.00	22.06 -0.14 0.00	21.33 0.06 0.00
BROWNSV1_27_KV_LOAD 356125	24.30 0.99 0.00	20.98 0.85 0.00	18.93 0.82 0.00	16.92 0.77 0.00	17.39 0.77 0.00	20.94 0.93 0.00	23.97 1.33 0.00	28.55 1.79 0.00	32.80 2.12 0.00	36.35 2.45 0.00	34.48 2.33 -1.89	39.97 1.81 -14.62	34.21 1.44 -14.19	35.66 1.37 -16.86	32.76 1.69 -10.26	31.30 2.03 -4.64	31.17 1.76 -7.95	30.80 2.03 -4.15	34.25 2.43 -1.28	29.72 2.08 -1.45	26.15 1.95 0.00	25.31 1.77 0.00	23.67 1.48 0.00	22.44 1.17 0.00
BURROWS___LYONSDAL 23803	23.74 0.43 0.00	20.46 0.33 0.00	18.40 0.29 0.00	16.40 0.24 0.00	16.89 0.28 0.00	20.43 0.42 0.00	23.26 0.62 0.00	27.52 0.76 0.00	31.47 0.79 0.00	34.63 0.73 0.00	30.90 0.55 -0.08	24.55 0.40 -0.61	19.48 0.31 -0.60	18.41 0.26 -0.71	21.56 0.32 -0.43	25.19 0.37 -0.19	22.05 0.26 -0.33	25.30 0.50 -0.18	31.34 0.73 -0.06	26.89 0.65 -0.06	24.78 0.58 0.00	24.02 0.48 0.00	22.61 0.42 0.00	21.70 0.42 0.00
CAITHNESS_CC_1 323624	29.57 1.55 -4.71	22.09 1.28 -0.67	19.31 1.20 0.00	17.31 1.16 0.00	17.80 1.18 0.00	21.44 1.43 0.00	24.57 1.93 0.00	28.94 2.18 0.00	33.34 2.66 0.00	36.92 3.02 0.00	35.00 2.84 -1.89	40.38 2.27 -14.59	34.56 1.79 -14.20	36.02 1.72 -16.86	33.50 2.10 -10.58	32.34 2.52 -5.20	31.66 2.14 -8.07	76.96 2.51 -49.83	59.60 3.10 -25.95	32.33 2.75 -3.40	26.76 2.50 -0.06	25.81 2.27 0.00	24.15 1.96 0.00	22.92 1.64 0.00
CALPINE BETH_PAGE_GT4 24209	42.37 1.32 -17.75	23.75 1.08 -2.54	19.12 1.01 0.00	17.11 0.96 0.00	17.59 0.97 0.00	21.19 1.18 0.00	24.25 1.61 0.00	28.64 1.88 0.00	32.97 2.30 0.00	36.48 2.57 0.00	34.52 2.36 -1.89	39.99 1.88 -14.58	34.27 1.50 -14.19	35.71 1.41 -16.86	33.15 1.76 -10.58	31.92 2.10 -5.19	31.35 1.83 -8.07	76.56 2.11 -49.82	59.08 2.58 -25.95	31.81 2.24 -3.39	26.32 2.06 -0.06	25.40 1.86 0.00	23.81 1.62 0.00	22.58 1.31 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.37 1.31 -17.75	23.75 1.08 -2.54	19.12 1.01 0.00	17.11 0.96 0.00	17.59 0.97 0.00	21.19 1.18 0.00	24.24 1.60 0.00	28.64 1.88 0.00	32.97 2.30 0.00	36.48 2.57 0.00	34.52 2.37 -1.89	39.99 1.88 -14.58	34.27 1.50 -14.20	35.71 1.41 -16.86	33.16 1.76 -10.58	31.92 2.10 -5.20	31.36 1.83 -8.07	76.57 2.11 -49.83	59.08 2.58 -25.95	31.82 2.24 -3.40	26.32 2.06 -0.06	25.40 1.86 0.00	23.81 1.62 0.00	22.58 1.31 0.00
CALPINE_BP_GT1 23823	42.37 1.31 -17.75	23.75 1.08 -2.54	19.12 1.01 0.00	17.11 0.96 0.00	17.59 0.97 0.00	21.19 1.18 0.00	24.24 1.60 0.00	28.64 1.88 0.00	32.97 2.30 0.00	36.48 2.57 0.00	34.52 2.37 -1.89	39.99 1.88 -14.58	34.27 1.50 -14.20	35.71 1.41 -16.86	33.16 1.76 -10.58	31.92 2.10 -5.20	31.36 1.83 -8.07	76.57 2.11 -49.83	59.08 2.58 -25.95	31.82 2.24 -3.40	26.32 2.06 -0.06	25.40 1.86 0.00	23.81 1.62 0.00	22.58 1.31 0.00
CALSPAN___DRP 24200	23.94 0.63 0.00	20.62 0.49 0.00	18.56 0.45 0.00	16.44 0.29 0.00	17.02 0.40 0.00	20.64 0.63 0.00	23.27 0.63 0.00	27.11 0.35 0.00	30.58 -0.09 0.00	34.13 0.22 0.00	30.66 0.06 -0.33	25.04 -0.26 -1.77	18.49 -0.43 -0.35	19.58 -0.40 -2.54	21.29 -0.51 -0.99	24.71 -0.61 -0.70	21.53 -0.50 -0.57	21.51 -0.64 2.48	23.51 -0.73 6.31	23.12 -0.64 2.42	23.76 -0.45 0.00	23.38 -0.15 0.00	22.16 -0.03 0.00	21.73 0.46 0.00
CALVERTON___SOLAR 323806	29.76 1.72 -4.73	22.24 1.43 -0.68	19.44 1.34 0.00	17.43 1.28 0.00	17.92 1.31 0.00	21.59 1.58 0.00	24.76 2.12 0.00	29.18 2.41 0.00	33.61 2.93 0.00	37.23 3.33 0.00	35.29 3.14 -1.89	40.61 2.49 -14.59	34.73 1.96 -14.20	36.18 1.88 -16.86	33.68 2.29 -10.58	32.56 2.74 -5.20	31.85 2.32 -8.07	77.18 2.73 -49.83	59.89 3.39 -25.95	32.58 3.00 -3.40	26.99 2.73 -0.06	26.02 2.48 0.00	24.33 2.14 0.00	23.07 1.80 0.00
CANDIGU_WT_PWR 323617	23.79 0.48 0.00	20.51 0.38 0.00	18.62 0.35 -0.16	16.44 0.24 -0.04	16.91 0.29 0.00	20.37 0.36 0.00	23.21 0.57 0.00	27.21 0.44 0.00	30.76 0.09 0.00	35.50 0.33 -1.27	32.06 0.09 -1.70	26.42 -0.09 -2.99	20.54 -0.25 -2.22	20.88 -0.25 -3.69	22.53 -0.25 -1.97	25.26 -0.37 -1.02	22.67 -0.22 -1.43	23.62 -0.37 0.64	27.10 -0.48 2.97	24.78 -0.41 1.00	23.86 -0.35 0.00	23.53 0.00 0.00	22.08 -0.11 0.00	21.47 0.20 0.00

CARR STREET_E_SYR 24060	23.32 0.01 0.00	20.11 -0.02 0.00	18.10 0.00 0.00	16.13 -0.02 0.00	16.61 -0.01 0.00	20.04 0.03 0.00	22.72 0.08 0.00	26.69 -0.07 0.00	30.39 -0.29 0.00	33.50 -0.40 0.00	30.03 -0.45 -0.21	24.77 -0.38 -1.62	19.83 -0.32 -1.58	19.01 -0.30 -1.87	21.59 -0.36 -1.14	24.72 -0.42 -0.51	22.01 -0.33 -0.88	24.71 -0.38 -0.47	30.24 -0.47 -0.16	25.95 -0.40 -0.17	23.85 -0.35 0.00	23.28 -0.25 0.00	22.14 -0.05 0.00	21.26 -0.01 0.00
CARTHAGE___PAPER 23857	23.93 0.62 0.00	20.58 0.45 0.00	18.48 0.38 0.00	16.47 0.32 0.00	16.96 0.35 0.00	20.57 0.55 0.00	23.44 0.81 0.00	27.71 0.95 0.00	31.52 0.84 0.00	34.49 0.59 0.00	30.78 0.40 -0.11	24.58 0.19 -0.87	19.60 0.19 -0.84	18.57 0.13 -1.00	21.58 0.16 -0.61	25.09 0.19 -0.28	22.02 0.09 -0.47	25.25 0.38 -0.25	31.37 0.74 -0.09	27.01 0.74 -0.09	24.89 0.69 0.00	24.09 0.56 0.00	22.67 0.48 0.00	21.81 0.53 0.00
CASSADAGA_WT_PWR 323784	24.32 1.02 0.00	20.92 0.79 0.00	18.50 0.78 0.39	16.63 0.57 0.09	17.30 0.68 0.00	21.02 1.01 0.00	23.83 1.19 0.00	27.89 1.12 0.00	31.43 0.76 0.00	29.93 1.15 5.12	26.30 0.79 4.75	25.74 0.25 -1.96	19.03 -0.17 -0.63	20.08 -0.08 -2.72	21.87 -0.08 -1.14	25.18 -0.18 -0.75	21.95 -0.20 -0.70	21.94 -0.47 2.21	24.56 -0.15 5.83	23.77 -0.19 2.22	24.29 0.09 0.00	23.99 0.45 0.00	22.55 0.35 0.00	22.04 0.77 0.00
CE_DUNWOOD___DRP 24194	23.97 0.66 0.00	20.71 0.58 0.00	18.69 0.58 0.00	16.71 0.56 0.00	17.17 0.55 0.00	20.68 0.67 0.00	23.62 0.98 0.00	28.12 1.35 0.00	32.31 1.63 0.00	35.78 1.87 0.00	33.98 1.83 -1.88	39.55 1.44 -14.58	33.88 1.15 -14.15	35.33 1.08 -16.81	32.38 1.34 -10.24	30.85 1.60 -4.63	30.79 1.40 -7.93	30.37 1.61 -4.14	33.77 1.95 -1.27	29.29 1.66 -1.45	25.75 1.54 0.00	24.93 1.39 0.00	23.33 1.13 0.00	22.13 0.86 0.00
CE_MILLWOOD___DRP 24193	23.92 0.61 0.00	20.67 0.54 0.00	18.66 0.55 0.00	16.68 0.53 0.00	17.14 0.52 0.00	20.64 0.62 0.00	23.57 0.93 0.00	28.05 1.29 0.00	32.23 1.55 0.00	35.69 1.79 0.00	33.89 1.75 -1.87	39.42 1.38 -14.51	33.76 1.10 -14.08	35.20 1.04 -16.73	32.28 1.28 -10.18	30.77 1.54 -4.61	30.70 1.35 -7.89	30.29 1.55 -4.12	33.68 1.87 -1.27	29.23 1.61 -1.44	25.69 1.49 0.00	24.87 1.34 0.00	23.28 1.08 0.00	22.08 0.81 0.00
CE_NYC2_DRP 24202	24.11 0.80 0.00	20.83 0.70 0.00	18.81 0.70 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.36 1.59 0.00	32.56 1.89 0.00	36.05 2.15 0.00	34.24 2.08 -1.89	39.77 1.62 -14.62	34.07 1.30 -14.19	35.52 1.22 -16.86	32.60 1.53 -10.26	31.10 1.84 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.98 2.16 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.29 1.02 0.00
CE_NYC_DRP 24195	24.07 0.76 0.00	20.80 0.67 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.77 0.76 0.00	23.75 1.11 0.00	28.29 1.53 0.00	32.50 1.83 0.00	36.02 2.12 0.00	34.19 2.04 -1.89	39.73 1.58 -14.62	34.03 1.27 -14.19	35.50 1.20 -16.86	32.56 1.48 -10.26	31.05 1.79 -4.64	30.95 1.54 -7.95	30.55 1.78 -4.15	33.95 2.12 -1.28	29.46 1.82 -1.45	25.92 1.71 0.00	25.07 1.54 0.00	23.46 1.27 0.00	22.24 0.97 0.00
CHAFFEE___LFGE 323603	23.88 0.57 0.00	20.56 0.43 0.00	18.16 0.42 0.37	16.30 0.24 0.09	16.97 0.36 0.00	20.59 0.58 0.00	23.21 0.57 0.00	27.08 0.32 0.00	30.59 0.27 0.00	29.38 0.27 4.79	25.90 0.07 4.44	25.11 -0.29 -1.87	18.62 -0.45 -0.50	19.67 -0.40 -2.63	21.37 -0.51 -1.07	24.75 -0.60 -0.72	21.63 -0.47 -0.64	21.69 -0.60 2.33	23.85 -0.65 6.05	23.27 -0.60 2.31	23.80 -0.40 0.00	23.42 -0.12 0.00	22.18 -0.02 0.00	21.72 0.45 0.00
CHATEAUG_35_KV_LOAD 355732	23.94 0.64 0.00	20.65 0.52 0.00	18.51 0.40 0.00	16.42 0.27 0.00	16.84 0.22 0.00	20.21 0.20 0.00	22.67 0.03 0.00	27.05 0.29 0.00	31.08 0.40 0.00	34.19 0.28 0.00	30.50 0.23 0.00	23.73 0.21 0.00	18.74 0.16 0.00	17.60 0.16 0.00	20.95 0.14 0.00	24.77 0.14 0.00	21.60 0.15 0.00	24.78 0.15 0.00	30.85 0.30 0.00	26.49 0.31 0.00	24.44 0.24 0.00	23.68 0.15 0.00	22.25 0.06 0.00	21.47 0.20 0.00
CHATEAUG_WT_PWR 323614	23.91 0.60 0.00	20.63 0.50 0.00	18.50 0.39 0.00	16.41 0.26 0.00	16.82 0.20 0.00	20.18 0.17 0.00	22.61 -0.03 0.00	27.00 0.24 0.00	31.05 0.37 0.00	34.17 0.27 0.00	30.50 0.23 0.00	23.73 0.21 0.00	18.73 0.15 0.00	17.60 0.16 0.00	20.94 0.13 0.00	24.76 0.13 0.00	21.60 0.14 0.00	24.77 0.14 0.00	30.79 0.25 0.00	26.44 0.25 0.00	24.39 0.18 0.00	23.62 0.09 0.00	22.19 0.00 0.00	21.42 0.15 0.00
CHAT_HIGH_FALL_HYD 323578	23.94 0.64 0.00	20.65 0.52 0.00	18.51 0.40 0.00	16.42 0.27 0.00	16.84 0.22 0.00	20.21 0.20 0.00	22.67 0.03 0.00	27.05 0.28 0.00	31.08 0.40 0.00	34.19 0.28 0.00	30.50 0.23 0.00	23.73 0.21 0.00	18.74 0.16 0.00	17.60 0.17 0.00	20.95 0.14 0.00	24.77 0.15 0.00	21.60 0.15 0.00	24.78 0.15 0.00	30.85 0.31 0.00	26.49 0.31 0.00	24.44 0.24 0.00	23.69 0.15 0.00	22.25 0.06 0.00	21.47 0.20 0.00
CHAUTAUQUA___LFGE 323629	24.11 0.80 0.00	20.76 0.63 0.00	18.33 0.60 0.38	16.47 0.41 0.09	17.13 0.51 0.00	20.80 0.79 0.00	23.52 0.88 0.00	27.45 0.69 0.00	30.94 0.26 0.00	29.58 0.61 4.94	26.06 0.36 4.58	25.43 0.01 -1.90	18.81 -0.29 -0.53	19.88 -0.22 -2.66	21.61 -0.28 -1.09	24.96 -0.40 -0.73	21.80 -0.31 -0.66	21.83 -0.49 2.31	24.11 -0.43 6.00	23.48 -0.41 2.29	24.05 -0.16 0.00	23.71 0.18 0.00	22.34 0.14 0.00	21.87 0.60 0.00
CHERRYST_13_KV_LD 356241	24.14 0.83 0.00	20.86 0.72 0.00	18.82 0.71 0.00	16.83 0.68 0.00	17.30 0.68 0.00	20.84 0.83 0.00	23.83 1.20 0.00	28.40 1.64 0.00	32.62 1.95 0.00	36.17 2.26 0.00	34.31 2.16 -1.89	39.83 1.68 -14.62	34.11 1.34 -14.19	35.57 1.28 -16.86	32.64 1.57 -10.26	31.16 1.89 -4.64	31.04 1.63 -7.95	30.64 1.87 -4.15	34.05 2.22 -1.28	29.54 1.90 -1.45	25.99 1.78 0.00	25.13 1.60 0.00	23.52 1.32 0.00	22.30 1.03 0.00
CHESTROR_138KV_BK263 355645	23.76 0.46 0.00	20.53 0.40 0.00	18.53 0.42 0.00	16.55 0.40 0.00	17.01 0.39 0.00	20.49 0.47 0.00	23.37 0.73 0.00	27.79 1.03 0.00	31.91 1.24 0.00	35.33 1.43 0.00	33.39 1.41 -1.71	37.95 1.12 -13.30	32.37 0.90 -12.90	33.61 0.84 -15.33	31.17 1.03 -9.33	30.08 1.24 -4.22	29.79 1.10 -7.23	29.66 1.27 -3.76	33.23 1.54 -1.14	28.81 1.32 -1.31	25.42 1.22 0.00	24.63 1.09 0.00	23.06 0.87 0.00	21.91 0.64 0.00
CH_MIDHUDSON___DRP 24192	23.93 0.62 0.00	20.68 0.55 0.00	18.68 0.57 0.00	16.69 0.54 0.00	17.16 0.54 0.00	20.65 0.63 0.00	23.56 0.92 0.00	28.08 1.32 0.00	32.29 1.61 0.00	35.77 1.87 0.00	34.01 1.82 -1.93	39.91 1.42 -14.96	34.21 1.12 -14.52	35.73 1.05 -17.25	32.60 1.29 -10.50	30.92 1.55 -4.75	30.95 1.36 -8.14	30.44 1.57 -4.25	33.77 1.92 -1.31	29.31 1.64 -1.49	25.71 1.51 0.00	24.88 1.35 0.00	23.28 1.08 0.00	22.07 0.80 0.00

CH_MISC_IPPS 23765	24.06 0.75 0.00	20.79 0.66 0.00	18.76 0.65 0.00	16.76 0.61 0.00	17.24 0.62 0.00	20.76 0.75 0.00	23.70 1.07 0.00	28.23 1.47 0.00	32.46 1.78 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.63	33.98 1.22 -14.19	35.45 1.15 -16.86	32.48 1.40 -10.27	30.95 1.68 -4.65	30.89 1.49 -7.96	30.49 1.72 -4.15	33.92 2.10 -1.28	29.43 1.79 -1.45	25.85 1.65 0.00	25.01 1.48 0.00	23.40 1.20 0.00	22.19 0.92 0.00
CH_RES_BVR_FALLS 23983	23.24 -0.07 0.00	20.07 -0.06 0.00	18.01 -0.10 0.00	16.04 -0.11 0.00	16.50 -0.12 0.00	19.87 -0.15 0.00	22.40 -0.23 0.00	26.47 -0.30 0.00	30.36 -0.31 0.00	33.51 -0.39 0.00	29.91 -0.36 0.00	23.26 -0.26 0.00	18.37 -0.20 0.00	17.25 -0.18 0.00	20.59 -0.22 0.00	24.36 -0.26 0.00	21.20 -0.26 0.00	24.34 -0.28 0.00	30.20 -0.35 0.00	25.89 -0.29 0.00	23.93 -0.27 0.00	23.28 -0.25 0.00	21.96 -0.23 0.00	21.12 -0.15 0.00
CH_RES_NIAGARA 23895	23.51 0.20 0.00	20.29 0.16 0.00	18.01 0.19 0.29	16.11 0.03 0.07	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.38 -0.39 0.00	29.58 -1.10 0.00	28.97 -1.05 3.89	25.65 -1.06 3.56	23.89 -1.15 -1.51	17.32 -1.20 0.06	18.63 -1.10 -2.30	20.24 -1.36 -0.78	23.71 -1.54 -0.63	20.52 -1.32 -0.39	20.11 -1.62 2.90	21.54 -1.91 7.09	21.72 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.38 -0.81 0.00	21.19 -0.08 0.00
CH_RES_SYRACUSE 23985	23.56 0.25 0.00	20.32 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.16 0.00	20.25 0.24 0.00	22.97 0.33 0.00	27.02 0.25 0.00	30.80 0.12 0.00	34.02 0.12 0.00	30.48 -0.01 -0.23	25.26 -0.03 -1.76	20.25 -0.04 -1.72	19.44 -0.03 -2.03	22.01 -0.04 -1.24	25.13 -0.05 -0.56	22.41 0.00 -0.96	25.15 0.01 -0.51	30.76 0.04 -0.17	26.40 0.04 -0.18	24.24 0.04 0.00	23.62 0.08 0.00	22.39 0.19 0.00	21.49 0.22 0.00
CLINTON_WT_PWR 323605	23.91 0.60 0.00	20.63 0.50 0.00	18.50 0.39 0.00	16.41 0.26 0.00	16.82 0.20 0.00	20.18 0.17 0.00	22.61 -0.03 0.00	27.00 0.24 0.00	31.05 0.37 0.00	34.17 0.27 0.00	30.50 0.23 0.00	23.73 0.21 0.00	18.73 0.15 0.00	17.60 0.16 0.00	20.94 0.13 0.00	24.76 0.13 0.00	21.60 0.14 0.00	24.77 0.14 0.00	30.79 0.25 0.00	26.44 0.25 0.00	24.39 0.18 0.00	23.62 0.09 0.00	22.19 0.00 0.00	21.42 0.15 0.00
CLINTON__LFGE 323618	24.16 0.85 0.00	20.83 0.70 0.00	18.68 0.57 0.00	16.56 0.40 0.00	16.95 0.34 0.00	20.33 0.32 0.00	22.78 0.14 0.00	27.29 0.53 0.00	31.39 0.72 0.00	34.54 0.63 0.00	30.81 0.55 0.00	23.99 0.47 0.00	18.93 0.35 0.00	17.78 0.34 0.00	21.13 0.32 0.00	24.99 0.36 0.00	21.82 0.37 0.00	25.02 0.40 0.00	31.15 0.60 0.00	26.73 0.55 0.00	24.65 0.45 0.00	23.84 0.30 0.00	22.36 0.17 0.00	21.60 0.33 0.00
COBBLENY_34_KV_TB1 80064	23.88 0.57 0.00	20.56 0.43 0.00	18.51 0.40 0.00	16.39 0.24 0.00	16.97 0.36 0.00	20.59 0.58 0.00	23.21 0.57 0.00	27.08 0.32 0.00	30.60 -0.08 0.00	34.17 0.26 0.00	30.68 0.06 -0.34	25.10 -0.29 -1.87	18.64 -0.44 -0.50	19.67 -0.40 -2.63	21.37 -0.51 -1.07	24.73 -0.61 -0.72	21.61 -0.48 -0.64	21.68 -0.61 2.33	23.81 -0.69 6.05	23.27 -0.60 2.31	23.80 -0.40 0.00	23.41 -0.12 0.00	22.17 -0.02 0.00	21.72 0.44 0.00
COFFEEN__115KV_TB3 355620	24.20 0.89 0.00	20.80 0.67 0.00	18.68 0.57 0.00	16.64 0.49 0.00	17.16 0.54 0.00	20.82 0.80 0.00	23.76 1.12 0.00	28.06 1.30 0.00	31.81 1.14 0.00	34.80 0.89 0.00	31.08 0.68 -0.13	24.84 0.33 -0.99	19.85 0.31 -0.96	18.82 0.24 -1.14	21.79 0.28 -0.70	25.33 0.39 -0.31	22.23 0.23 -0.54	25.48 0.58 -0.29	31.73 1.08 -0.10	27.36 1.07 -0.10	25.23 1.03 0.00	24.42 0.88 0.00	22.97 0.78 0.00	22.05 0.78 0.00
COLDSPRG_115KV_BK1 355956	24.40 1.10 0.00	20.98 0.85 0.00	18.93 0.82 0.00	16.76 0.61 0.00	17.34 0.72 0.00	21.07 1.06 0.00	23.93 1.29 0.00	28.06 1.30 0.00	31.70 1.03 0.00	35.37 1.47 0.00	31.72 1.09 -0.36	26.09 0.51 -2.05	19.49 0.14 -0.78	20.41 0.17 -2.81	22.20 0.17 -1.22	25.50 0.10 -0.77	22.32 0.10 -0.77	22.58 0.02 2.06	25.21 0.22 5.55	24.23 0.15 2.10	24.54 0.34 0.00	24.19 0.66 0.00	22.77 0.58 0.00	22.24 0.97 0.00
COLONIE_LFGE__ 323577	23.77 0.46 0.00	20.57 0.44 0.00	18.55 0.45 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.54 0.53 0.00	23.33 0.69 0.00	27.91 1.15 0.00	32.17 1.50 0.00	35.63 1.72 0.00	34.36 1.68 -2.41	43.56 1.30 -18.74	37.84 1.03 -18.23	39.99 0.97 -21.59	35.15 1.17 -13.16	31.95 1.38 -5.95	32.84 1.18 -10.21	31.36 1.32 -5.41	34.06 1.66 -1.85	29.55 1.42 -1.95	25.51 1.30 0.00	24.68 1.15 0.00	23.12 0.93 0.00	21.94 0.67 0.00
COOPERNY_115KV_TB1 80082	23.63 0.32 0.00	20.42 0.29 0.00	18.41 0.30 0.00	16.44 0.29 0.00	16.90 0.28 0.00	20.36 0.35 0.00	23.18 0.54 0.00	27.52 0.75 0.00	31.57 0.90 0.00	34.95 1.04 0.00	32.59 1.03 -1.29	34.35 0.82 -10.00	28.91 0.65 -9.69	29.57 0.60 -11.53	28.57 0.74 -7.02	28.68 0.89 -3.18	27.68 0.79 -5.43	28.34 0.92 -2.80	32.45 1.11 -0.80	28.09 0.94 -0.96	25.09 0.88 0.00	24.34 0.80 0.00	22.82 0.63 0.00	21.74 0.47 0.00
COPENHAGEN_WT_PWR 323753	23.99 0.68 0.00	20.62 0.49 0.00	18.53 0.42 0.00	16.51 0.36 0.00	17.01 0.39 0.00	20.63 0.61 0.00	23.52 0.89 0.00	27.76 0.99 0.00	31.52 0.85 0.00	34.53 0.63 0.00	30.83 0.43 -0.13	24.74 0.19 -1.02	19.75 0.18 -1.00	18.75 0.14 -1.18	21.69 0.16 -0.72	25.15 0.20 -0.32	22.03 0.02 -0.56	25.28 0.36 -0.30	31.29 0.64 -0.10	26.97 0.68 -0.11	24.87 0.67 0.00	24.10 0.56 0.00	22.70 0.51 0.00	21.81 0.54 0.00
CORNELL____ 23752	23.88 0.57 0.00	20.60 0.47 0.00	18.53 0.42 0.00	16.52 0.36 0.00	17.00 0.39 0.00	20.53 0.52 0.00	23.38 0.74 0.00	27.59 0.83 0.00	31.41 0.73 0.00	34.67 0.77 0.00	31.29 0.57 -0.45	27.26 0.36 -3.37	21.92 0.24 -3.10	21.63 0.24 -3.95	23.40 0.25 -2.33	26.10 0.39 -1.09	23.66 0.42 -1.78	25.73 0.53 -0.58	30.69 0.68 0.53	26.80 0.61 0.00	24.79 0.58 0.00	24.13 0.60 0.00	22.74 0.55 0.00	21.78 0.51 0.00
CORONAAV_69_KV_TB1 355595	95.89 1.32 -71.26	31.41 1.08 -10.20	19.14 1.03 -0.01	17.12 0.97 0.00	17.60 0.98 0.00	21.22 1.19 -0.01	24.24 1.59 -0.01	28.65 1.88 0.00	32.92 2.24 0.00	36.41 2.51 0.00	34.59 2.44 -1.89	40.12 1.92 -14.68	34.29 1.52 -14.19	35.73 1.43 -16.86	33.18 1.79 -10.58	31.96 2.14 -5.19	31.39 1.86 -8.07	76.59 2.14 -49.82	59.09 2.60 -25.95	31.82 2.25 -3.39	26.36 2.10 -0.06	25.45 1.92 0.00	23.82 1.62 0.00	22.58 1.31 0.00
CORTLAND_115KV_TB3 80093	23.66 0.35 0.00	20.41 0.28 0.00	18.36 0.25 0.00	16.37 0.21 0.00	16.86 0.24 0.00	20.35 0.33 0.00	23.14 0.50 0.00	27.31 0.55 0.00	31.17 0.50 0.00	34.43 0.53 0.00	30.99 0.36 -0.37	26.58 0.25 -2.80	21.37 0.15 -2.64	20.83 0.14 -3.26	22.93 0.16 -1.95	25.75 0.23 -0.90	23.21 0.26 -1.50	25.58 0.33 -0.62	30.84 0.42 0.13	26.68 0.37 -0.13	24.57 0.37 0.00	23.93 0.40 0.00	22.55 0.36 0.00	21.62 0.35 0.00

COXSACKIE___GT 23611	24.28 0.97 0.00	20.98 0.85 0.00	18.91 0.80 0.00	16.91 0.76 0.00	17.41 0.79 0.00	21.00 0.98 0.00	23.95 1.31 0.00	28.72 1.96 0.00	33.17 2.50 0.00	36.72 2.82 0.00	35.08 2.57 -2.24	42.93 2.00 -17.41	37.11 1.60 -16.94	38.96 1.47 -20.06	34.75 1.71 -12.23	32.19 2.04 -5.52	32.65 1.71 -9.48	31.69 2.04 -5.03	34.97 2.71 -1.72	30.34 2.35 -1.81	26.23 2.03 0.00	25.32 1.78 0.00	23.64 1.45 0.00	22.39 1.12 0.00
CPV_VALLEY___CC1 323721	23.61 0.31 0.00	20.42 0.29 0.00	18.41 0.30 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.36 0.35 0.00	23.21 0.57 0.00	27.59 0.82 0.00	31.67 0.99 0.00	35.06 1.16 0.00	33.00 1.17 -1.56	36.58 0.93 -12.12	31.08 0.75 -11.76	32.12 0.70 -13.98	30.18 0.86 -8.51	29.51 1.03 -3.85	28.97 0.92 -6.59	29.10 1.06 -3.42	32.84 1.28 -1.02	28.47 1.09 -1.19	25.22 1.01 0.00	24.44 0.90 0.00	22.89 0.70 0.00	21.76 0.49 0.00
CPV_VALLEY___CC2 323722	23.61 0.31 0.00	20.42 0.29 0.00	18.41 0.30 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.36 0.35 0.00	23.21 0.57 0.00	27.59 0.82 0.00	31.67 0.99 0.00	35.06 1.16 0.00	33.00 1.17 -1.56	36.58 0.93 -12.12	31.08 0.75 -11.76	32.12 0.70 -13.98	30.18 0.86 -8.51	29.51 1.03 -3.85	28.97 0.92 -6.59	29.10 1.06 -3.42	32.84 1.28 -1.02	28.47 1.09 -1.19	25.22 1.01 0.00	24.44 0.90 0.00	22.89 0.70 0.00	21.76 0.49 0.00
CRESCENT___HYD 24018	23.77 0.46 0.00	20.57 0.44 0.00	18.55 0.45 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.54 0.53 0.00	23.33 0.69 0.00	27.91 1.15 0.00	32.17 1.50 0.00	35.63 1.72 0.00	34.36 1.68 -2.41	43.56 1.30 -18.74	37.84 1.03 -18.23	39.99 0.97 -21.59	35.15 1.17 -13.16	31.95 1.38 -5.95	32.84 1.18 -10.21	31.36 1.32 -5.41	34.06 1.66 -1.85	29.55 1.42 -1.95	25.51 1.30 0.00	24.68 1.15 0.00	23.12 0.93 0.00	21.94 0.67 0.00
CRICKET___VALLEY_CC1 323756	23.59 0.28 0.00	20.41 0.28 0.00	18.46 0.35 0.00	16.52 0.37 0.00	16.98 0.36 0.00	20.39 0.38 0.00	23.21 0.57 0.00	27.72 0.95 0.00	31.94 1.26 0.00	35.38 1.48 0.00	33.76 1.48 -2.01	40.27 1.15 -15.59	34.64 0.89 -15.17	36.23 0.84 -17.96	32.80 1.04 -10.95	30.82 1.25 -4.95	31.05 1.10 -8.49	30.39 1.26 -4.50	33.61 1.53 -1.54	29.14 1.33 -1.62	25.40 1.20 0.00	24.58 1.04 0.00	22.99 0.80 0.00	21.76 0.49 0.00
CRICKET___VALLEY_CC2 323757	23.59 0.28 0.00	20.41 0.28 0.00	18.46 0.35 0.00	16.52 0.37 0.00	16.98 0.36 0.00	20.39 0.38 0.00	23.21 0.57 0.00	27.72 0.95 0.00	31.94 1.26 0.00	35.38 1.48 0.00	33.76 1.48 -2.01	40.27 1.15 -15.59	34.64 0.89 -15.17	36.23 0.84 -17.96	32.80 1.04 -10.95	30.82 1.25 -4.95	31.05 1.10 -8.49	30.39 1.26 -4.50	33.61 1.53 -1.54	29.14 1.33 -1.62	25.40 1.20 0.00	24.58 1.04 0.00	22.99 0.80 0.00	21.76 0.49 0.00
CRICKET___VALLEY_CC3 323758	23.59 0.28 0.00	20.41 0.28 0.00	18.46 0.35 0.00	16.52 0.37 0.00	16.98 0.36 0.00	20.39 0.38 0.00	23.21 0.57 0.00	27.72 0.95 0.00	31.94 1.26 0.00	35.38 1.48 0.00	33.76 1.48 -2.01	40.27 1.15 -15.59	34.64 0.89 -15.17	36.23 0.84 -17.96	32.80 1.04 -10.95	30.82 1.25 -4.95	31.05 1.10 -8.49	30.39 1.26 -4.50	33.61 1.53 -1.54	29.14 1.33 -1.62	25.40 1.20 0.00	24.58 1.04 0.00	22.99 0.80 0.00	21.76 0.49 0.00
CRUCIBLE_METL_DRP 24180	23.56 0.25 0.00	20.33 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.16 0.00	20.25 0.24 0.00	22.97 0.33 0.00	27.02 0.25 0.00	30.80 0.13 0.00	34.02 0.11 0.00	30.48 -0.01 -0.23	25.25 -0.03 -1.76	20.25 -0.04 -1.72	19.44 -0.03 -2.03	22.01 -0.04 -1.24	25.13 -0.05 -0.56	22.41 0.00 -0.96	25.15 0.01 -0.51	30.76 0.04 -0.17	26.40 0.04 -0.18	24.24 0.04 0.00	23.62 0.08 0.00	22.39 0.20 0.00	21.49 0.22 0.00
DAHOWA___HYDRO 323763	24.27 0.96 0.00	20.98 0.85 0.00	18.91 0.80 0.00	16.91 0.76 0.00	17.41 0.79 0.00	21.02 1.00 0.00	23.89 1.25 0.00	28.64 1.88 0.00	33.05 2.38 0.00	36.60 2.69 0.00	35.29 2.58 -2.44	44.46 1.96 -18.97	38.57 1.54 -18.45	40.74 1.45 -21.85	35.85 1.72 -13.32	32.65 2.01 -6.02	33.49 1.71 -10.33	32.04 1.94 -5.48	34.81 2.39 -1.87	30.18 2.03 -1.97	26.06 1.85 0.00	25.19 1.66 0.00	23.60 1.41 0.00	22.40 1.13 0.00
DANC___LFGE 323619	23.81 0.50 0.00	20.49 0.36 0.00	18.42 0.31 0.00	16.41 0.25 0.00	16.91 0.29 0.00	20.47 0.46 0.00	23.30 0.66 0.00	27.46 0.70 0.00	31.22 0.55 0.00	34.28 0.38 0.00	30.63 0.21 -0.16	24.79 0.05 -1.21	19.81 0.06 -1.17	18.86 0.03 -1.39	21.69 0.03 -0.85	25.07 0.06 -0.38	22.09 -0.03 -0.66	25.16 0.18 -0.35	31.07 0.41 -0.12	26.74 0.43 -0.13	24.63 0.43 0.00	23.90 0.37 0.00	22.57 0.38 0.00	21.68 0.40 0.00
DANSKAMMER___1 23586	24.06 0.75 0.00	20.79 0.66 0.00	18.76 0.65 0.00	16.76 0.61 0.00	17.24 0.62 0.00	20.76 0.75 0.00	23.70 1.07 0.00	28.23 1.47 0.00	32.46 1.78 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.63	33.98 1.22 -14.19	35.45 1.15 -16.86	32.48 1.40 -10.27	30.95 1.68 -4.65	30.89 1.49 -7.96	30.49 1.72 -4.15	33.92 2.10 -1.28	29.43 1.79 -1.45	25.85 1.65 0.00	25.01 1.48 0.00	23.40 1.20 0.00	22.19 0.92 0.00
DANSKAMMER___2 23589	24.06 0.75 0.00	20.79 0.66 0.00	18.76 0.65 0.00	16.76 0.61 0.00	17.24 0.62 0.00	20.76 0.75 0.00	23.70 1.07 0.00	28.23 1.47 0.00	32.46 1.78 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.63	33.98 1.22 -14.19	35.45 1.15 -16.86	32.48 1.40 -10.27	30.95 1.68 -4.65	30.89 1.49 -7.96	30.49 1.72 -4.15	33.92 2.10 -1.28	29.43 1.79 -1.45	25.85 1.65 0.00	25.01 1.48 0.00	23.40 1.20 0.00	22.19 0.92 0.00
DANSKAMMER___3 23590	24.06 0.75 0.00	20.79 0.66 0.00	18.76 0.65 0.00	16.76 0.61 0.00	17.24 0.62 0.00	20.76 0.75 0.00	23.70 1.07 0.00	28.23 1.47 0.00	32.46 1.78 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.63	33.98 1.22 -14.19	35.45 1.15 -16.86	32.48 1.40 -10.27	30.95 1.68 -4.65	30.89 1.49 -7.96	30.49 1.72 -4.15	33.92 2.10 -1.28	29.43 1.79 -1.45	25.85 1.65 0.00	25.01 1.48 0.00	23.40 1.20 0.00	22.19 0.92 0.00
DANSKAMMER___4 23591	24.06 0.75 0.00	20.79 0.66 0.00	18.76 0.65 0.00	16.76 0.61 0.00	17.24 0.62 0.00	20.76 0.75 0.00	23.70 1.07 0.00	28.23 1.47 0.00	32.46 1.78 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.63	33.98 1.22 -14.19	35.45 1.15 -16.86	32.48 1.40 -10.27	30.95 1.68 -4.65	30.89 1.49 -7.96	30.49 1.72 -4.15	33.92 2.10 -1.28	29.43 1.79 -1.45	25.85 1.65 0.00	25.01 1.48 0.00	23.40 1.20 0.00	22.19 0.92 0.00
DANSKAMMER___DIESEL 23592	24.06 0.75 0.00	20.79 0.66 0.00	18.76 0.65 0.00	16.76 0.61 0.00	17.24 0.62 0.00	20.76 0.75 0.00	23.70 1.07 0.00	28.23 1.47 0.00	32.46 1.78 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.63	33.99 1.22 -14.19	35.45 1.15 -16.86	32.48 1.40 -10.27	30.95 1.68 -4.65	30.90 1.49 -7.96	30.49 1.72 -4.15	33.92 2.10 -1.28	29.43 1.79 -1.45	25.85 1.65 0.00	25.01 1.48 0.00	23.40 1.21 0.00	22.19 0.92 0.00

DARBY___SOLAR 323810	24.19 0.88 0.00	20.91 0.78 0.00	18.85 0.74 0.00	16.86 0.71 0.00	17.35 0.73 0.00	20.93 0.92 0.00	23.79 1.14 0.00	28.50 1.74 0.00	32.87 2.19 0.00	36.39 2.48 0.00	35.08 2.38 -2.44	44.28 1.81 -18.94	38.43 1.43 -18.42	40.60 1.34 -21.82	35.71 1.60 -13.30	32.50 1.87 -6.01	33.36 1.59 -10.31	31.90 1.81 -5.47	34.65 2.24 -1.87	30.05 1.90 -1.97	25.94 1.74 0.00	25.08 1.55 0.00	23.50 1.31 0.00	22.32 1.05 0.00
DASHVILLE___HYD 23610	23.84 0.54 0.00	20.60 0.46 0.00	18.60 0.49 0.00	16.62 0.46 0.00	17.08 0.46 0.00	20.56 0.55 0.00	23.48 0.84 0.00	27.96 1.20 0.00	32.14 1.46 0.00	35.62 1.72 0.00	33.84 1.62 -1.95	39.90 1.25 -15.12	34.27 0.98 -14.71	35.78 0.93 -17.42	32.58 1.15 -10.62	30.82 1.40 -4.80	30.91 1.22 -8.24	30.44 1.44 -4.37	33.83 1.79 -1.49	29.29 1.54 -1.57	25.64 1.43 0.00	24.81 1.27 0.00	23.21 1.02 0.00	22.01 0.74 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.23 2.17 -4.75	22.64 1.82 -0.68	19.81 1.70 0.00	17.75 1.60 0.00	18.26 1.65 0.00	22.02 2.01 0.00	25.28 2.64 0.00	29.78 3.02 0.00	34.33 3.65 0.00	38.11 4.21 0.00	36.10 3.95 -1.89	41.23 3.12 -14.59	35.19 2.42 -14.19	36.62 2.32 -16.86	34.19 2.81 -10.58	33.17 3.36 -5.19	32.38 2.85 -8.07	77.80 3.36 -49.82	60.68 4.18 -25.95	33.23 3.66 -3.39	27.56 3.30 -0.06	26.55 3.01 0.00	24.79 2.60 0.00	23.49 2.22 0.00
DELAWARE___LFGE 323621	23.74 0.43 0.00	20.50 0.37 0.00	18.47 0.36 0.00	16.48 0.33 0.00	16.97 0.35 0.00	20.45 0.43 0.00	23.27 0.63 0.00	27.63 0.86 0.00	31.68 1.01 0.00	35.06 1.15 0.00	32.29 1.10 -0.92	31.49 0.86 -7.10	26.03 0.66 -6.79	26.27 0.61 -8.22	26.52 0.74 -4.96	27.75 0.86 -2.26	26.07 0.78 -3.83	27.33 0.90 -1.81	31.82 1.10 -0.17	27.65 0.94 -0.52	25.08 0.87 0.00	24.33 0.80 0.00	22.85 0.65 0.00	21.79 0.52 0.00
DERFIELD_115KV_TB7 355931	23.28 -0.03 0.00	20.11 -0.02 0.00	18.10 0.00 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.01 0.00 0.00	22.68 0.04 0.00	26.87 0.10 0.00	30.82 0.14 0.00	34.07 0.17 0.00	30.42 0.15 0.00	23.65 0.12 0.00	18.67 0.09 0.00	17.52 0.09 0.00	20.92 0.10 0.00	24.75 0.12 0.00	21.56 0.11 0.00	24.75 0.12 0.00	30.70 0.15 0.00	26.29 0.10 0.00	24.30 0.10 0.00	23.63 0.10 0.00	22.27 0.07 0.00	21.31 0.04 0.00
DOGLEVILLE___HYD 23807	22.92 -0.39 0.00	19.79 -0.34 0.00	17.86 -0.25 0.00	16.03 -0.12 0.00	16.47 -0.15 0.00	19.80 -0.21 0.00	22.67 0.03 0.00	27.29 0.53 0.00	31.56 0.88 0.00	35.01 1.11 0.00	31.42 1.15 0.00	24.41 0.89 0.00	19.26 0.68 0.00	18.03 0.59 0.00	21.44 0.63 0.00	25.42 0.80 0.00	22.13 0.68 0.00	25.28 0.65 0.00	31.35 0.80 0.00	26.75 0.57 0.00	24.82 0.62 0.00	24.09 0.55 0.00	22.45 0.26 0.00	21.23 -0.04 0.00
DUNKIRK___115KV_TB_200 55889	24.07 0.76 0.00	20.74 0.61 0.00	18.66 0.55 0.00	16.53 0.38 0.00	17.10 0.48 0.00	20.75 0.74 0.00	23.47 0.83 0.00	27.38 0.62 0.00	30.88 0.20 0.00	34.44 0.54 0.00	30.91 0.30 -0.35	25.39 -0.03 -1.89	18.80 -0.30 -0.52	19.84 -0.25 -2.65	21.57 -0.32 -1.08	24.91 -0.44 -0.73	21.77 -0.34 -0.65	21.80 -0.51 2.32	24.01 -0.51 6.02	23.43 -0.45 2.30	23.99 -0.21 0.00	23.67 0.13 0.00	22.30 0.10 0.00	21.84 0.57 0.00
DUNKIRK___1 23563	24.07 0.76 0.00	20.74 0.61 0.00	18.66 0.55 0.00	16.53 0.38 0.00	17.10 0.48 0.00	20.75 0.74 0.00	23.47 0.83 0.00	27.38 0.62 0.00	30.88 0.20 0.00	34.44 0.54 0.00	30.91 0.30 -0.35	25.39 -0.03 -1.89	18.80 -0.30 -0.52	19.84 -0.25 -2.65	21.57 -0.32 -1.08	24.91 -0.44 -0.73	21.77 -0.34 -0.65	21.80 -0.51 2.32	24.01 -0.51 6.02	23.43 -0.45 2.30	23.99 -0.21 0.00	23.67 0.13 0.00	22.30 0.10 0.00	21.84 0.57 0.00
DUNKIRK___2 23564	24.07 0.76 0.00	20.74 0.61 0.00	18.66 0.55 0.00	16.53 0.38 0.00	17.10 0.48 0.00	20.75 0.74 0.00	23.47 0.83 0.00	27.38 0.62 0.00	30.88 0.20 0.00	34.44 0.54 0.00	30.91 0.30 -0.35	25.39 -0.03 -1.89	18.80 -0.30 -0.52	19.84 -0.25 -2.65	21.57 -0.32 -1.08	24.91 -0.44 -0.73	21.77 -0.34 -0.65	21.80 -0.51 2.32	24.01 -0.51 6.02	23.43 -0.45 2.30	23.99 -0.21 0.00	23.67 0.13 0.00	22.30 0.10 0.00	21.84 0.57 0.00
DUNKIRK___3 23565	23.94 0.63 0.00	20.63 0.50 0.00	18.56 0.45 0.00	16.44 0.29 0.00	17.01 0.39 0.00	20.64 0.62 0.00	23.34 0.70 0.00	27.23 0.47 0.00	30.72 0.04 0.00	34.26 0.36 0.00	30.76 0.15 -0.35	25.29 -0.12 -1.89	18.73 -0.36 -0.51	19.79 -0.30 -2.65	21.49 -0.40 -1.08	24.81 -0.54 -0.73	21.70 -0.41 -0.65	21.72 -0.58 2.33	23.87 -0.63 6.05	23.30 -0.57 2.31	23.88 -0.33 0.00	23.56 0.03 0.00	22.20 0.01 0.00	21.74 0.46 0.00
DUNKIRK___4 23566	24.03 0.72 0.00	20.69 0.56 0.00	18.63 0.52 0.00	16.50 0.35 0.00	17.08 0.46 0.00	20.71 0.70 0.00	23.42 0.78 0.00	27.31 0.54 0.00	30.78 0.11 0.00	34.35 0.44 0.00	30.83 0.22 -0.34	25.24 -0.10 -1.82	18.65 -0.35 -0.42	19.73 -0.30 -2.59	21.45 -0.39 -1.03	24.83 -0.51 -0.71	21.67 -0.39 -0.61	21.65 -0.56 2.41	23.77 -0.58 6.20	23.29 -0.52 2.37	23.92 -0.29 0.00	23.57 0.04 0.00	22.25 0.06 0.00	21.80 0.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.03 0.72 0.00	20.76 0.62 0.00	18.73 0.63 0.00	16.74 0.59 0.00	17.21 0.59 0.00	20.72 0.71 0.00	23.68 1.04 0.00	28.19 1.43 0.00	32.39 1.72 0.00	35.86 1.96 0.00	34.05 1.90 -1.89	39.64 1.49 -14.62	33.95 1.19 -14.19	35.42 1.13 -16.86	32.46 1.39 -10.26	30.94 1.67 -4.64	30.87 1.46 -7.95	30.44 1.67 -4.15	33.84 2.02 -1.28	29.36 1.73 -1.45	25.81 1.61 0.00	24.99 1.46 0.00	23.38 1.19 0.00	22.17 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.89 0.58 0.00	20.64 0.51 0.00	18.62 0.51 0.00	16.64 0.49 0.00	17.11 0.49 0.00	20.60 0.59 0.00	23.52 0.88 0.00	27.98 1.22 0.00	32.14 1.47 0.00	35.59 1.69 0.00	33.73 1.65 -1.81	38.89 1.30 -14.07	33.25 1.03 -13.65	34.62 0.97 -16.22	31.86 1.18 -9.87	30.51 1.42 -4.47	30.36 1.26 -7.65	30.07 1.46 -3.99	33.54 1.77 -1.22	29.09 1.52 -1.39	25.61 1.40 0.00	24.79 1.26 0.00	23.21 1.01 0.00	22.04 0.77 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.03 0.72 0.00	20.78 0.65 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.73 0.72 0.00	23.73 1.09 0.00	28.24 1.47 0.00	32.44 1.76 0.00	35.94 2.03 0.00	34.14 1.98 -1.89	39.67 1.52 -14.62	34.02 1.26 -14.19	35.46 1.17 -16.86	32.53 1.45 -10.26	30.99 1.73 -4.64	30.90 1.49 -7.95	30.49 1.72 -4.15	33.90 2.08 -1.28	29.44 1.80 -1.45	25.89 1.69 0.00	25.06 1.53 0.00	23.44 1.25 0.00	22.23 0.96 0.00
E179THST_13_KV_LOAD 356214	24.14 0.83 0.00	20.87 0.74 0.00	18.86 0.75 0.00	16.85 0.70 0.00	17.32 0.70 0.00	20.82 0.81 0.00	23.84 1.20 0.00	28.38 1.61 0.00	32.59 1.92 0.00	36.11 2.21 0.00	34.30 2.14 -1.89	39.80 1.65 -14.62	34.12 1.36 -14.19	35.55 1.25 -16.86	32.64 1.56 -10.26	31.12 1.86 -4.64	31.02 1.61 -7.95	30.63 1.86 -4.15	34.07 2.24 -1.28	29.58 1.95 -1.45	26.03 1.82 0.00	25.18 1.64 0.00	23.55 1.36 0.00	22.34 1.07 0.00

EAST HAMPTON___GT 23717	30.53 2.47 -4.75	22.91 2.09 -0.68	20.05 1.94 0.00	17.97 1.82 0.00	18.50 1.88 0.00	22.31 2.30 0.00	25.63 2.99 0.00	30.18 3.42 0.00	34.79 4.12 0.00	38.66 4.76 0.00	36.61 4.45 -1.89	41.62 3.51 -14.59	35.48 2.71 -14.20	36.90 2.60 -16.86	34.52 3.12 -10.58	33.55 3.73 -5.20	32.71 3.18 -8.07	78.08 3.63 -49.83	61.01 4.51 -25.95	33.52 3.94 -3.40	27.81 3.55 -0.06	26.78 3.24 0.00	24.99 2.79 0.00	23.67 2.40 0.00
EAST RIVER___6 23660	24.09 0.78 0.00	20.81 0.67 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.79 0.77 0.00	23.78 1.14 0.00	28.32 1.55 0.00	32.51 1.84 0.00	36.11 2.20 0.00	34.26 2.11 -1.89	39.80 1.65 -14.62	34.08 1.31 -14.19	35.54 1.24 -16.86	32.60 1.53 -10.26	31.11 1.85 -4.64	31.00 1.59 -7.95	30.59 1.82 -4.15	33.98 2.16 -1.28	29.49 1.86 -1.45	25.94 1.74 0.00	25.07 1.53 0.00	23.45 1.25 0.00	22.22 0.95 0.00
EAST RIVER___7 23524	24.09 0.78 0.00	20.81 0.67 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.79 0.77 0.00	23.78 1.14 0.00	28.32 1.55 0.00	32.51 1.84 0.00	36.11 2.20 0.00	34.26 2.11 -1.89	39.80 1.65 -14.62	34.08 1.31 -14.19	35.54 1.24 -16.86	32.60 1.53 -10.26	31.11 1.85 -4.64	31.00 1.59 -7.95	30.59 1.82 -4.15	33.98 2.16 -1.28	29.49 1.86 -1.45	25.94 1.74 0.00	25.07 1.53 0.00	23.45 1.25 0.00	22.22 0.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.97 0.66 0.00	20.71 0.58 0.00	18.69 0.58 0.00	16.71 0.56 0.00	17.17 0.55 0.00	20.68 0.67 0.00	23.62 0.98 0.00	28.12 1.35 0.00	32.31 1.63 0.00	35.78 1.87 0.00	33.98 1.83 -1.88	39.55 1.44 -14.58	33.88 1.15 -14.15	35.33 1.08 -16.81	32.38 1.34 -10.24	30.85 1.60 -4.63	30.79 1.40 -7.93	30.37 1.61 -4.14	33.77 1.95 -1.27	29.29 1.66 -1.45	25.75 1.54 0.00	24.93 1.39 0.00	23.33 1.13 0.00	22.13 0.86 0.00
EAST_HAMPTON___DIESEL 23722	30.53 2.48 -4.75	22.91 2.10 -0.68	20.05 1.94 0.00	17.97 1.82 0.00	18.50 1.88 0.00	22.31 2.30 0.00	25.63 2.99 0.00	30.19 3.42 0.00	34.80 4.12 0.00	38.66 4.76 0.00	36.61 4.45 -1.89	41.63 3.51 -14.59	35.48 2.71 -14.20	36.90 2.60 -16.86	34.52 3.13 -10.58	33.55 3.73 -5.20	32.71 3.18 -8.07	78.08 3.63 -49.83	61.02 4.52 -25.95	33.53 3.95 -3.40	27.82 3.55 -0.06	26.78 3.24 0.00	24.99 2.80 0.00	23.67 2.40 0.00
EAST_PULASKI___ESR 323781	23.78 0.47 0.00	20.48 0.35 0.00	18.42 0.31 0.00	16.41 0.25 0.00	16.91 0.29 0.00	20.45 0.43 0.00	23.25 0.61 0.00	27.37 0.61 0.00	31.14 0.46 0.00	34.26 0.35 0.00	30.62 0.17 -0.18	24.98 0.06 -1.39	19.98 0.05 -1.36	19.07 0.03 -1.61	21.84 0.04 -0.98	25.16 0.10 -0.44	22.27 0.05 -0.76	25.21 0.18 -0.40	31.05 0.37 -0.14	26.70 0.38 -0.14	24.56 0.36 0.00	23.89 0.35 0.00	22.58 0.39 0.00	21.69 0.42 0.00
EAST_RIVER___1 323558	24.07 0.76 0.00	20.80 0.67 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.77 0.76 0.00	23.75 1.11 0.00	28.30 1.53 0.00	32.51 1.83 0.00	36.02 2.12 0.00	34.19 2.03 -1.89	39.73 1.58 -14.62	34.03 1.26 -14.19	35.50 1.20 -16.86	32.56 1.48 -10.26	31.05 1.79 -4.64	30.95 1.54 -7.95	30.54 1.77 -4.15	33.94 2.12 -1.28	29.46 1.82 -1.45	25.92 1.71 0.00	25.07 1.54 0.00	23.46 1.27 0.00	22.24 0.97 0.00
EAST_RIVER___2 323559	24.09 0.78 0.00	20.81 0.67 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.79 0.77 0.00	23.78 1.14 0.00	28.32 1.55 0.00	32.51 1.84 0.00	36.11 2.20 0.00	34.26 2.11 -1.89	39.80 1.65 -14.62	34.08 1.31 -14.19	35.54 1.24 -16.86	32.60 1.53 -10.26	31.11 1.85 -4.64	31.00 1.59 -7.95	30.59 1.82 -4.15	33.98 2.16 -1.28	29.49 1.86 -1.45	25.94 1.74 0.00	25.07 1.53 0.00	23.45 1.25 0.00	22.22 0.95 0.00
EAST___DELAWARE_HYD 23607	23.66 0.36 0.00	20.42 0.29 0.00	18.43 0.32 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.40 0.38 0.00	23.31 0.67 0.00	27.73 0.97 0.00	31.86 1.19 0.00	35.30 1.39 0.00	33.19 1.29 -1.64	37.21 0.97 -12.71	31.18 0.28 -12.33	32.34 0.24 -14.66	30.02 0.28 -8.92	29.07 0.40 -4.04	28.78 0.41 -6.91	28.73 0.52 -3.59	32.18 0.55 -1.08	28.00 0.56 -1.25	25.31 1.11 0.00	24.49 0.95 0.00	22.91 0.71 0.00	21.74 0.47 0.00
EIGHT_POINT___WT_PWR 323820	24.10 0.79 0.00	20.76 0.63 0.00	18.68 0.57 0.00	16.59 0.43 0.00	17.09 0.47 0.00	20.45 0.44 0.00	23.41 0.77 0.00	27.44 0.68 0.00	30.91 0.24 0.00	33.87 0.58 0.62	30.33 0.27 0.21	26.31 0.00 -2.79	20.48 -0.16 -2.07	20.74 -0.14 -3.45	22.50 -0.15 -1.84	25.20 -0.37 -0.95	22.53 -0.26 -1.33	23.60 -0.42 0.60	27.20 -0.57 2.77	24.91 -0.33 0.94	23.93 -0.28 0.00	23.59 0.05 0.00	22.14 -0.06 0.00	21.70 0.42 0.00
ELBRIDGE_115KV_TB2 80188	23.33 0.02 0.00	20.17 0.04 0.00	18.14 0.03 0.00	16.17 0.01 0.00	16.64 0.02 0.00	20.06 0.05 0.00	22.74 0.10 0.00	26.75 -0.01 0.00	30.51 -0.16 0.00	33.73 -0.17 0.00	30.24 -0.27 -0.24	25.16 -0.23 -1.87	20.19 -0.20 -1.82	19.40 -0.18 -2.15	21.89 -0.23 -1.31	24.94 -0.27 -0.59	22.27 -0.20 -1.02	24.93 -0.23 -0.54	30.47 -0.27 -0.19	26.15 -0.23 -0.19	24.00 -0.20 0.00	23.39 -0.14 0.00	22.19 0.00 0.00	21.28 0.01 0.00
ELEC_TRO_TEK 24086	62.26 1.16 -37.79	26.48 0.94 -5.41	19.00 0.89 0.00	17.01 0.85 0.00	17.48 0.86 0.00	21.07 1.05 0.00	24.08 1.44 0.00	28.50 1.73 0.00	32.78 2.10 0.00	36.27 2.37 0.00	34.45 2.30 -1.89	39.96 1.82 -14.62	34.21 1.45 -14.19	35.66 1.36 -16.86	33.08 1.69 -10.58	31.84 2.02 -5.19	31.28 1.76 -8.07	76.48 2.03 -49.82	58.94 2.45 -25.95	31.69 2.12 -3.39	26.22 1.96 -0.06	25.32 1.79 0.00	23.69 1.49 0.00	22.46 1.19 0.00
ELLENBURG_WT_PWR 323604	23.91 0.60 0.00	20.63 0.50 0.00	18.50 0.39 0.00	16.41 0.26 0.00	16.82 0.20 0.00	20.18 0.17 0.00	22.61 -0.03 0.00	27.00 0.24 0.00	31.05 0.37 0.00	34.17 0.27 0.00	30.50 0.23 0.00	23.73 0.21 0.00	18.73 0.15 0.00	17.60 0.16 0.00	20.94 0.13 0.00	24.76 0.13 0.00	21.60 0.14 0.00	24.77 0.14 0.00	30.79 0.25 0.00	26.44 0.25 0.00	24.39 0.18 0.00	23.62 0.09 0.00	22.19 0.00 0.00	21.42 0.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.84 0.54 0.00	20.54 0.41 0.00	18.50 0.39 0.00	16.38 0.23 0.00	16.96 0.34 0.00	20.57 0.56 0.00	23.17 0.53 0.00	26.96 0.20 0.00	30.39 -0.28 0.00	33.90 0.00 0.00	30.46 -0.14 -0.33	24.80 -0.42 -1.69	18.22 -0.57 -0.21	19.38 -0.52 -2.47	21.07 -0.66 -0.92	24.52 -0.78 -0.68	21.33 -0.64 -0.51	21.18 -0.83 2.62	23.01 -0.95 6.58	22.80 -0.84 2.54	23.56 -0.64 0.00	23.19 -0.35 0.00	22.01 -0.19 0.00	21.61 0.34 0.00
EMPIRE_CC_1 323656	23.41 0.10 0.00	20.30 0.16 0.00	18.32 0.22 0.00	16.41 0.25 0.00	16.85 0.23 0.00	20.22 0.21 0.00	22.92 0.28 0.00	27.40 0.64 0.00	31.55 0.88 0.00	34.93 1.03 0.00	33.65 1.08 -2.30	42.20 0.83 -17.85	36.61 0.68 -17.36	38.61 0.62 -20.56	34.12 0.78 -12.54	31.20 0.91 -5.66	31.94 0.77 -9.72	30.63 0.85 -5.16	33.40 1.09 -1.76	28.99 0.95 -1.85	25.07 0.86 0.00	24.26 0.73 0.00	22.75 0.55 0.00	21.59 0.31 0.00

EMPIRE_CC_2 323658	23.41 0.10 0.00	20.30 0.16 0.00	18.32 0.22 0.00	16.41 0.25 0.00	16.85 0.23 0.00	20.22 0.21 0.00	22.92 0.28 0.00	27.40 0.64 0.00	31.55 0.88 0.00	34.93 1.03 0.00	33.65 1.08 -2.30	42.20 0.83 -17.85	36.61 0.68 -17.36	38.61 0.62 -20.56	34.12 0.78 -12.54	31.20 0.91 -5.66	31.94 0.77 -9.72	30.63 0.85 -5.16	33.40 1.09 -1.76	28.99 0.95 -1.85	25.07 0.86 0.00	24.26 0.73 0.00	22.75 0.55 0.00	21.59 0.31 0.00
ENORWICH_115KV_TB1 80156	24.81 1.50 0.00	21.35 1.22 0.00	19.21 1.10 0.00	17.12 0.98 0.00	17.65 1.04 0.00	21.42 1.40 0.00	24.54 1.90 0.00	29.07 2.30 0.00	33.12 2.45 0.00	36.55 2.64 0.00	33.15 2.25 -0.63	29.93 1.60 -4.81	24.22 1.14 -4.51	24.11 1.07 -5.60	25.43 1.28 -3.35	27.65 1.48 -1.54	25.40 1.37 -2.57	27.36 1.72 -1.02	32.48 2.25 0.32	28.36 2.00 -0.18	26.05 1.85 0.00	25.30 1.77 0.00	23.69 1.49 0.00	22.57 1.30 0.00
ERIE_ST__34_KV_TB1-2 80199	23.95 0.64 0.00	20.61 0.48 0.00	18.57 0.46 0.00	16.43 0.28 0.00	17.02 0.40 0.00	20.64 0.63 0.00	23.30 0.66 0.00	27.20 0.44 0.00	30.72 0.05 0.00	34.33 0.43 0.00	30.87 0.27 -0.34	25.19 -0.14 -1.81	18.68 -0.30 -0.40	19.74 -0.26 -2.57	21.49 -0.33 -1.02	24.90 -0.44 -0.71	21.72 -0.33 -0.60	21.77 -0.43 2.43	23.87 -0.46 6.22	23.39 -0.41 2.38	23.96 -0.24 0.00	23.57 0.04 0.00	22.32 0.13 0.00	21.86 0.59 0.00
ERIE_WT_PWR 323693	23.95 0.65 0.00	20.63 0.50 0.00	18.26 0.48 0.33	16.37 0.30 0.08	17.04 0.42 0.00	20.66 0.64 0.00	23.30 0.66 0.00	27.13 0.37 0.00	30.61 -0.06 0.00	29.85 0.27 4.32	26.39 0.10 3.97	25.06 -0.24 -1.77	18.49 -0.44 -0.35	19.59 -0.39 -2.54	21.31 -0.49 -0.99	24.72 -0.60 -0.70	21.55 -0.47 -0.57	21.52 -0.63 2.48	23.55 -0.69 6.31	23.15 -0.61 2.42	23.78 -0.42 0.00	23.40 -0.14 0.00	22.19 -0.01 0.00	21.75 0.48 0.00
ESPRGFLD_115KV_TB1 80157	25.57 2.27 0.00	21.96 1.83 0.00	19.71 1.60 0.00	17.48 1.33 0.00	17.99 1.37 0.00	21.77 1.76 0.00	24.75 2.11 0.00	28.96 2.20 0.00	32.85 2.18 0.00	36.04 2.13 0.00	30.67 1.98 1.58	12.68 1.44 12.29	7.68 1.06 11.95	4.18 0.90 14.15	13.26 1.07 8.63	22.02 1.30 3.90	16.02 1.25 6.69	22.63 1.55 3.55	31.27 1.93 1.21	26.53 1.63 1.28	25.61 1.40 0.00	25.05 1.52 0.00	23.77 1.57 0.00	22.95 1.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.83 0.52 0.00	20.57 0.44 0.00	18.50 0.39 0.00	16.49 0.33 0.00	16.97 0.35 0.00	20.50 0.49 0.00	23.34 0.70 0.00	27.54 0.77 0.00	31.36 0.69 0.00	34.62 0.72 0.00	31.25 0.53 -0.45	27.24 0.33 -3.38	21.91 0.21 -3.12	21.60 0.22 -3.95	23.38 0.23 -2.34	26.06 0.36 -1.09	23.64 0.39 -1.79	25.73 0.49 -0.62	30.73 0.63 0.44	26.79 0.57 -0.04	24.75 0.54 0.00	24.09 0.56 0.00	22.71 0.51 0.00	21.76 0.49 0.00
ETNA_____115KV_TB2 80207	23.83 0.52 0.00	20.57 0.44 0.00	18.50 0.39 0.00	16.49 0.33 0.00	16.97 0.35 0.00	20.50 0.49 0.00	23.34 0.70 0.00	27.54 0.77 0.00	31.36 0.69 0.00	34.62 0.72 0.00	31.25 0.53 -0.45	27.24 0.33 -3.38	21.91 0.21 -3.12	21.60 0.22 -3.95	23.38 0.23 -2.34	26.06 0.36 -1.09	23.64 0.39 -1.79	25.73 0.49 -0.62	30.73 0.63 0.44	26.79 0.57 -0.04	24.75 0.54 0.00	24.09 0.56 0.00	22.71 0.51 0.00	21.76 0.49 0.00
EUCLID___115KV_TB2 356179	23.21 -0.09 0.00	20.03 -0.10 0.00	18.02 -0.09 0.00	16.06 -0.09 0.00	16.54 -0.07 0.00	19.95 -0.07 0.00	22.59 -0.04 0.00	26.56 -0.21 0.00	30.29 -0.39 0.00	33.45 -0.46 0.00	29.96 -0.51 -0.20	24.66 -0.42 -1.55	19.74 -0.35 -1.51	18.90 -0.32 -1.79	21.51 -0.40 -1.09	24.65 -0.47 -0.49	21.93 -0.37 -0.85	24.64 -0.43 -0.45	30.17 -0.53 -0.15	25.90 -0.45 -0.16	23.80 -0.40 0.00	23.20 -0.33 0.00	22.03 -0.17 0.00	21.16 -0.11 0.00
E_CANADA_CAP_HY 24051	25.52 2.21 0.00	21.92 1.79 0.00	19.67 1.56 0.00	17.46 1.31 0.00	17.96 1.35 0.00	21.74 1.73 0.00	24.72 2.08 0.00	28.97 2.21 0.00	32.94 2.26 0.00	36.22 2.31 0.00	34.81 2.07 -2.47	44.24 1.51 -19.20	38.37 1.12 -18.67	40.48 0.93 -22.12	35.39 1.10 -13.48	32.05 1.34 -6.09	33.20 1.29 -10.45	31.75 1.58 -5.54	34.41 1.97 -1.90	29.83 1.66 -1.99	25.66 1.45 0.00	25.11 1.58 0.00	23.79 1.60 0.00	22.94 1.67 0.00
E_CANADA_MHWK_HY 24050	22.92 -0.39 0.00	19.79 -0.34 0.00	17.86 -0.25 0.00	16.03 -0.12 0.00	16.47 -0.15 0.00	19.80 -0.21 0.00	22.67 0.03 0.00	27.29 0.53 0.00	31.56 0.88 0.00	35.01 1.11 0.00	31.42 1.15 0.00	24.41 0.89 0.00	19.26 0.68 0.00	18.03 0.59 0.00	21.44 0.63 0.00	25.42 0.80 0.00	22.13 0.68 0.00	25.28 0.65 0.00	31.35 0.80 0.00	26.75 0.57 0.00	24.82 0.62 0.00	24.09 0.55 0.00	22.45 0.26 0.00	21.23 -0.04 0.00
E_FISHKILL___LBMP 23776	23.83 0.52 0.00	20.60 0.46 0.00	18.60 0.49 0.00	16.63 0.47 0.00	17.09 0.47 0.00	20.56 0.55 0.00	23.45 0.81 0.00	27.93 1.17 0.00	32.12 1.44 0.00	35.57 1.67 0.00	33.84 1.64 -1.94	39.82 1.28 -15.01	34.17 1.02 -14.57	35.70 0.96 -17.31	32.53 1.18 -10.54	30.81 1.42 -4.77	30.86 1.24 -8.17	30.31 1.43 -4.26	33.60 1.73 -1.32	29.16 1.48 -1.50	25.57 1.37 0.00	24.76 1.23 0.00	23.18 0.98 0.00	21.98 0.71 0.00
FALCON___SEABRD_CC1 323796	24.15 0.84 0.00	20.83 0.69 0.00	18.68 0.57 0.00	16.54 0.39 0.00	16.92 0.30 0.00	20.27 0.26 0.00	22.68 0.04 0.00	27.18 0.41 0.00	31.27 0.59 0.00	34.41 0.51 0.00	30.72 0.45 0.00	23.91 0.38 0.00	18.86 0.29 0.00	17.71 0.28 0.00	21.06 0.25 0.00	24.89 0.27 0.00	21.75 0.29 0.00	24.92 0.29 0.00	31.00 0.46 0.00	26.60 0.42 0.00	24.52 0.32 0.00	23.72 0.19 0.00	22.27 0.07 0.00	21.53 0.25 0.00
FALCON___SEABRD_CC2 323797	24.15 0.84 0.00	20.83 0.69 0.00	18.68 0.57 0.00	16.54 0.39 0.00	16.92 0.30 0.00	20.27 0.26 0.00	22.68 0.04 0.00	27.18 0.41 0.00	31.27 0.59 0.00	34.41 0.51 0.00	30.72 0.45 0.00	23.91 0.38 0.00	18.86 0.29 0.00	17.71 0.28 0.00	21.06 0.25 0.00	24.89 0.27 0.00	21.75 0.29 0.00	24.92 0.29 0.00	31.00 0.46 0.00	26.60 0.42 0.00	24.52 0.32 0.00	23.72 0.19 0.00	22.27 0.07 0.00	21.53 0.25 0.00
FAR ROCKAWAY___4 23548	98.26 1.53 -73.41	31.90 1.26 -10.51	19.29 1.18 -0.01	17.25 1.10 0.00	17.73 1.11 0.00	21.38 1.36 -0.01	24.44 1.79 -0.01	28.88 2.11 0.00	33.11 2.43 0.00	36.62 2.72 0.00	34.78 2.63 -1.89	40.29 2.07 -14.69	34.41 1.64 -14.19	35.84 1.54 -16.86	33.31 1.92 -10.58	32.11 2.30 -5.19	31.53 2.00 -8.07	76.76 2.31 -49.82	59.30 2.80 -25.95	31.98 2.41 -3.39	26.52 2.26 -0.06	25.59 2.06 0.00	23.99 1.80 0.00	22.75 1.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.08 0.77 0.00	20.81 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.25 0.64 0.00	20.78 0.77 0.00	23.75 1.11 0.00	28.30 1.54 0.00	32.51 1.83 0.00	36.02 2.11 0.00	34.19 2.03 -1.89	39.73 1.58 -14.62	34.03 1.26 -14.19	35.49 1.20 -16.86	32.56 1.48 -10.26	31.05 1.79 -4.64	30.95 1.54 -7.95	30.55 1.78 -4.15	33.95 2.12 -1.28	29.46 1.83 -1.45	25.92 1.72 0.00	25.08 1.55 0.00	23.47 1.27 0.00	22.25 0.98 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.09 0.79 0.00	20.81 0.68 0.00	18.79 0.68 0.00	16.80 0.65 0.00	17.26 0.64 0.00	20.79 0.77 0.00	23.77 1.13 0.00	28.31 1.55 0.00	32.52 1.84 0.00	36.03 2.13 0.00	34.19 2.04 -1.89	39.74 1.59 -14.62	34.04 1.27 -14.19	35.50 1.21 -16.86	32.56 1.49 -10.26	31.06 1.79 -4.64	30.96 1.55 -7.95	30.56 1.79 -4.15	33.97 2.14 -1.28	29.48 1.85 -1.45	25.93 1.73 0.00	25.10 1.56 0.00	23.48 1.29 0.00	22.27 1.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.06 0.76 0.00	20.79 0.66 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.24 0.63 0.00	20.77 0.75 0.00	23.74 1.10 0.00	28.29 1.52 0.00	32.49 1.82 0.00	36.00 2.09 0.00	34.16 2.01 -1.89	39.71 1.57 -14.62	34.02 1.25 -14.19	35.49 1.19 -16.86	32.54 1.46 -10.26	31.04 1.77 -4.64	30.93 1.53 -7.95	30.53 1.76 -4.15	33.93 2.10 -1.28	29.44 1.81 -1.45	25.90 1.70 0.00	25.06 1.53 0.00	23.45 1.26 0.00	22.24 0.97 0.00
FARRAGUT___LBMP 323566	24.05 0.74 0.00	20.78 0.65 0.00	18.75 0.64 0.00	16.77 0.62 0.00	17.23 0.62 0.00	20.75 0.74 0.00	23.72 1.08 0.00	28.26 1.50 0.00	32.46 1.78 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.69 1.54 -14.62	34.00 1.23 -14.19	35.47 1.17 -16.86	32.52 1.44 -10.26	31.01 1.74 -4.64	30.91 1.51 -7.95	30.51 1.74 -4.15	33.90 2.07 -1.28	29.42 1.79 -1.45	25.88 1.68 0.00	25.05 1.52 0.00	23.44 1.25 0.00	22.23 0.96 0.00
FENNER___WINDPWR 24204	23.75 0.44 0.00	20.49 0.36 0.00	18.44 0.33 0.00	16.44 0.28 0.00	16.93 0.32 0.00	20.45 0.44 0.00	23.26 0.62 0.00	27.49 0.72 0.00	31.42 0.75 0.00	34.68 0.78 0.00	31.11 0.59 -0.25	25.92 0.47 -1.92	20.73 0.33 -1.83	19.96 0.29 -2.23	22.49 0.34 -1.34	25.67 0.43 -0.62	22.90 0.41 -1.03	25.59 0.50 -0.46	31.23 0.70 0.01	26.88 0.58 -0.12	24.76 0.55 0.00	24.06 0.53 0.00	22.67 0.47 0.00	21.70 0.43 0.00
FIBERTEK___ENERGY 23856	23.56 0.25 0.00	20.33 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.16 0.00	20.25 0.24 0.00	22.97 0.33 0.00	27.02 0.25 0.00	30.80 0.13 0.00	34.02 0.11 0.00	30.48 -0.01 -0.23	25.25 -0.03 -1.76	20.25 -0.04 -1.72	19.44 -0.03 -2.03	22.01 -0.04 -1.24	25.13 -0.05 -0.56	22.41 0.00 -0.96	25.15 0.01 -0.51	30.76 0.04 -0.17	26.40 0.04 -0.18	24.24 0.04 0.00	23.62 0.08 0.00	22.39 0.20 0.00	21.49 0.22 0.00
FITZPATRICK____ 23598	22.86 -0.45 0.00	19.73 -0.40 0.00	17.75 -0.36 0.00	15.83 -0.33 0.00	16.29 -0.33 0.00	19.63 -0.38 0.00	22.20 -0.44 0.00	26.12 -0.65 0.00	29.84 -0.84 0.00	32.96 -0.94 0.00	29.48 -0.93 -0.15	23.95 -0.74 -1.17	19.17 -0.58 -1.18	18.21 -0.55 -1.33	20.96 -0.68 -0.83	24.18 -0.80 -0.37	21.43 -0.67 -0.65	24.27 -0.78 -0.43	29.89 -0.97 -0.31	25.55 -0.84 -0.20	23.45 -0.76 0.00	22.84 -0.69 0.00	21.70 -0.49 0.00	20.84 -0.43 0.00
FLOWRFLD_69_KV_BK1 356044	29.89 1.61 -4.97	22.17 1.33 -0.71	19.34 1.23 0.00	17.33 1.17 0.00	17.81 1.20 0.00	21.47 1.46 0.00	24.61 1.97 0.00	29.04 2.28 0.00	33.44 2.77 0.00	37.04 3.13 0.00	35.10 2.95 -1.89	40.45 2.34 -14.59	34.63 1.86 -14.19	36.07 1.77 -16.86	33.57 2.18 -10.58	32.43 2.62 -5.19	31.73 2.20 -8.07	77.04 2.59 -49.82	59.72 3.22 -25.95	32.41 2.84 -3.39	26.84 2.58 -0.06	25.87 2.33 0.00	24.19 1.99 0.00	22.94 1.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.11 0.80 0.00	20.82 0.69 0.00	18.79 0.69 0.00	16.80 0.64 0.00	17.27 0.65 0.00	20.80 0.79 0.00	23.75 1.11 0.00	28.29 1.53 0.00	32.53 1.85 0.00	36.03 2.13 0.00	34.21 2.05 -1.90	39.82 1.61 -14.69	34.10 1.27 -14.25	35.56 1.19 -16.93	32.57 1.45 -10.31	31.03 1.75 -4.66	30.98 1.54 -7.99	30.57 1.78 -4.17	34.00 2.17 -1.28	29.50 1.86 -1.46	25.90 1.70 0.00	25.06 1.53 0.00	23.44 1.25 0.00	22.23 0.96 0.00
FORT ORANGE____ 23900	23.43 0.12 0.00	20.27 0.13 0.00	18.28 0.18 0.00	16.36 0.20 0.00	16.82 0.20 0.00	20.22 0.21 0.00	22.99 0.36 0.00	27.46 0.70 0.00	31.63 0.96 0.00	35.03 1.13 0.00	33.77 1.13 -2.37	42.79 0.88 -18.38	37.17 0.72 -17.88	39.28 0.66 -21.17	34.53 0.81 -12.91	31.42 0.96 -5.83	32.28 0.82 -10.01	30.86 0.93 -5.31	33.55 1.18 -1.82	29.12 1.03 -1.91	25.12 0.92 0.00	24.30 0.76 0.00	22.76 0.56 0.00	21.59 0.32 0.00
FORT_DRUM_COGEN 23780	24.01 0.70 0.00	20.64 0.51 0.00	18.54 0.43 0.00	16.52 0.36 0.00	17.02 0.40 0.00	20.64 0.63 0.00	23.55 0.91 0.00	27.81 1.04 0.00	31.57 0.90 0.00	34.57 0.67 0.00	30.85 0.47 -0.12	24.69 0.21 -0.95	19.70 0.20 -0.93	18.69 0.15 -1.10	21.66 0.18 -0.67	25.16 0.24 -0.30	22.07 0.09 -0.52	25.31 0.41 -0.27	31.42 0.78 -0.09	27.08 0.79 -0.10	24.97 0.77 0.00	24.17 0.64 0.00	22.75 0.56 0.00	21.86 0.59 0.00
FPL_FAR_ROCK_GT1 24212	98.25 1.53 -73.41	31.90 1.26 -10.51	19.29 1.17 -0.01	17.26 1.10 0.00	17.73 1.11 0.00	21.38 1.36 -0.01	24.44 1.79 -0.01	28.88 2.11 0.00	33.11 2.44 0.00	36.62 2.72 0.00	34.78 2.63 -1.89	40.29 2.08 -14.69	34.41 1.63 -14.20	35.84 1.54 -16.86	33.31 1.92 -10.58	32.12 2.30 -5.20	31.53 2.00 -8.07	76.76 2.30 -49.83	59.29 2.79 -25.95	31.98 2.41 -3.40	26.52 2.26 -0.06	25.60 2.06 0.00	23.99 1.80 0.00	22.75 1.48 0.00
FPL_FAR_ROCK_GT2 23815	98.25 1.53 -73.41	31.90 1.26 -10.51	19.29 1.17 -0.01	17.26 1.10 0.00	17.73 1.11 0.00	21.38 1.36 -0.01	24.44 1.79 -0.01	28.88 2.11 0.00	33.11 2.44 0.00	36.62 2.72 0.00	34.78 2.63 -1.89	40.29 2.08 -14.69	34.41 1.63 -14.20	35.84 1.54 -16.86	33.31 1.92 -10.58	32.12 2.30 -5.20	31.53 2.00 -8.07	76.76 2.30 -49.83	59.29 2.79 -25.95	31.98 2.41 -3.40	26.52 2.26 -0.06	25.60 2.06 0.00	23.99 1.80 0.00	22.75 1.48 0.00
FRANKLIN_FALL_HYD 24054	23.87 0.56 0.00	20.58 0.45 0.00	18.44 0.33 0.00	16.37 0.21 0.00	16.80 0.18 0.00	20.19 0.18 0.00	22.70 0.07 0.00	27.06 0.30 0.00	31.32 0.38 -0.26	34.82 0.24 -0.68	30.46 0.19 0.00	23.71 0.19 0.00	18.70 0.12 0.00	17.59 0.14 -0.01	20.94 0.13 0.00	24.76 0.13 0.00	21.57 0.11 0.00	24.74 0.11 0.00	30.84 0.30 0.00	26.50 0.31 0.00	24.45 0.25 0.00	23.70 0.17 0.00	22.29 0.09 0.00	21.54 0.27 0.00
FREEPORT_EQUS_GT1 23764	55.12 1.35 -30.46	25.60 1.11 -4.36	19.14 1.03 0.00	17.14 0.98 0.00	17.61 0.99 0.00	21.24 1.22 0.00	24.29 1.65 0.00	28.72 1.95 0.00	33.06 2.38 0.00	36.55 2.65 0.00	34.68 2.52 -1.89	40.09 2.00 -14.56	34.36 1.59 -14.20	35.79 1.49 -16.86	33.26 1.86 -10.58	32.02 2.20 -5.20	31.45 1.92 -8.07	76.70 2.25 -49.83	59.23 2.73 -25.95	31.95 2.37 -3.40	26.45 2.19 -0.06	25.53 1.99 0.00	23.88 1.69 0.00	22.63 1.36 0.00
FREEPORT___CT2 23818	55.12 1.35 -30.46	25.60 1.11 -4.36	19.14 1.03 0.00	17.14 0.98 0.00	17.61 0.99 0.00	21.24 1.22 0.00	24.29 1.65 0.00	28.72 1.95 0.00	33.06 2.38 0.00	36.55 2.65 0.00	34.68 2.52 -1.89	40.09 2.00 -14.56	34.36 1.59 -14.20	35.79 1.49 -16.86	33.26 1.86 -10.58	32.02 2.20 -5.20	31.45 1.92 -8.07	76.70 2.25 -49.83	59.23 2.73 -25.95	31.95 2.37 -3.40	26.45 2.19 -0.06	25.53 1.99 0.00	23.88 1.69 0.00	22.63 1.36 0.00



FRESHKLS_33_KV_LOAD 356253	24.09 0.78 0.00	20.82 0.69 0.00	18.80 0.69 0.00	16.81 0.65 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.77 1.13 0.00	26.68 1.44 1.52	29.32 1.72 3.07	30.14 1.97 5.73	31.78 1.94 0.42	39.66 1.51 -14.62	34.01 1.24 -14.19	34.90 1.17 -16.29	32.56 1.49 -10.26	31.12 1.85 -4.64	31.00 1.60 -7.95	30.58 1.81 -4.15	34.01 2.18 -1.28	29.55 1.92 -1.45	25.96 1.75 0.00	25.18 1.64 0.00	23.59 1.40 0.00	22.37 1.10 0.00
FULTON COGEN____ 23766	23.76 0.45 0.00	20.46 0.33 0.00	18.42 0.31 0.00	16.41 0.25 0.00	16.91 0.29 0.00	20.42 0.41 0.00	23.19 0.55 0.00	27.28 0.51 0.00	31.10 0.42 0.00	34.31 0.41 0.00	30.69 0.23 -0.20	25.19 0.13 -1.53	20.17 0.10 -1.49	19.29 0.09 -1.76	22.00 0.11 -1.08	25.27 0.16 -0.49	22.44 0.16 -0.84	25.29 0.22 -0.44	31.07 0.37 -0.15	26.67 0.33 -0.16	24.51 0.31 0.00	23.86 0.33 0.00	22.59 0.40 0.00	21.70 0.43 0.00
FULTON____LFGE 323630	25.78 2.47 0.00	22.17 2.03 0.00	19.92 1.81 0.00	17.71 1.56 0.00	18.25 1.64 0.00	22.14 2.13 0.00	25.31 2.68 0.00	29.89 3.13 0.00	34.17 3.49 0.00	37.53 3.63 0.00	36.03 3.29 -2.47	44.99 2.26 -19.20	38.89 1.64 -18.67	41.09 1.54 -22.12	36.20 1.91 -13.48	33.16 2.45 -6.09	34.09 2.18 -10.45	32.84 2.67 -5.54	35.83 3.39 -1.90	31.07 2.89 -1.99	26.77 2.57 0.00	26.07 2.54 0.00	24.52 2.32 0.00	23.42 2.15 0.00
G.F.CEMENT____DRP 24184	24.47 1.17 0.00	21.14 1.01 0.00	19.06 0.95 0.00	17.03 0.88 0.00	17.55 0.93 0.00	21.22 1.21 0.00	24.12 1.48 0.00	28.98 2.22 0.00	33.49 2.81 0.00	37.08 3.18 0.00	35.75 3.03 -2.45	44.84 2.29 -19.02	38.89 1.81 -18.50	41.04 1.69 -21.91	36.18 2.01 -13.36	32.98 2.32 -6.04	33.78 1.96 -10.36	32.35 2.23 -5.49	35.15 2.72 -1.88	30.43 2.27 -1.98	26.29 2.09 0.00	25.40 1.86 0.00	23.81 1.62 0.00	22.62 1.35 0.00
GARDENVILLE____LBMP 24039	23.89 0.58 0.00	20.57 0.44 0.00	18.52 0.42 0.00	16.41 0.26 0.00	16.99 0.37 0.00	20.60 0.58 0.00	23.23 0.59 0.00	27.04 0.28 0.00	30.49 -0.18 0.00	34.01 0.11 0.00	30.56 -0.04 -0.33	24.94 -0.35 -1.76	18.40 -0.51 -0.33	19.50 -0.47 -2.53	21.20 -0.59 -0.98	24.60 -0.71 -0.70	21.44 -0.58 -0.57	21.38 -0.74 2.50	23.34 -0.85 6.35	23.00 -0.74 2.44	23.67 -0.54 0.00	23.29 -0.24 0.00	22.08 -0.11 0.00	21.67 0.39 0.00
GARDNVLA_35_KV_LD 355827	23.98 0.67 0.00	20.65 0.52 0.00	18.59 0.48 0.00	16.46 0.31 0.00	17.05 0.43 0.00	20.67 0.66 0.00	23.32 0.68 0.00	27.17 0.40 0.00	30.66 -0.01 0.00	34.21 0.30 0.00	30.73 0.13 -0.34	25.11 -0.19 -1.77	18.55 -0.38 -0.36	19.63 -0.35 -2.54	21.35 -0.45 -0.99	24.77 -0.55 -0.70	21.60 -0.43 -0.58	21.58 -0.58 2.47	23.61 -0.65 6.29	23.20 -0.57 2.42	23.83 -0.38 0.00	23.44 -0.09 0.00	22.21 0.02 0.00	21.77 0.50 0.00
GELCKHM__115KV_LOAD 80723	23.34 0.03 0.00	20.13 0.00 0.00	18.12 0.01 0.00	16.15 -0.01 0.00	16.63 0.01 0.00	20.06 0.05 0.00	22.73 0.09 0.00	26.73 -0.04 0.00	30.49 -0.19 0.00	33.67 -0.23 0.00	30.16 -0.32 -0.21	24.89 -0.27 -1.63	19.93 -0.23 -1.59	19.10 -0.21 -1.88	21.70 -0.26 -1.15	24.84 -0.30 -0.52	22.11 -0.23 -0.89	24.84 -0.26 -0.47	30.39 -0.31 -0.16	26.09 -0.26 -0.17	23.97 -0.23 0.00	23.36 -0.18 0.00	22.16 -0.03 0.00	21.28 0.01 0.00
GENERAL____MILLS 23808	23.94 0.63 0.00	20.62 0.49 0.00	18.56 0.45 0.00	16.44 0.29 0.00	17.02 0.40 0.00	20.64 0.63 0.00	23.27 0.63 0.00	27.11 0.35 0.00	30.58 -0.09 0.00	34.13 0.22 0.00	30.66 0.06 -0.33	25.04 -0.26 -1.77	18.49 -0.43 -0.35	19.58 -0.40 -2.54	21.29 -0.51 -0.99	24.71 -0.61 -0.70	21.53 -0.50 -0.57	21.51 -0.64 2.48	23.51 -0.73 6.31	23.12 -0.64 2.42	23.76 -0.45 0.00	23.38 -0.15 0.00	22.16 -0.03 0.00	21.73 0.46 0.00
GE_PLASTICS____DRP 24183	23.45 0.14 0.00	20.29 0.15 0.00	18.30 0.19 0.00	16.37 0.22 0.00	16.83 0.21 0.00	20.24 0.23 0.00	23.00 0.36 0.00	27.42 0.66 0.00	31.56 0.88 0.00	34.95 1.05 0.00	33.69 1.05 -2.37	42.77 0.81 -18.43	37.16 0.65 -17.93	39.28 0.62 -21.23	34.50 0.75 -12.94	31.36 0.89 -5.85	32.26 0.76 -10.04	30.81 0.87 -5.32	33.46 1.09 -1.82	29.04 0.95 -1.91	25.05 0.84 0.00	24.25 0.72 0.00	22.73 0.54 0.00	21.60 0.33 0.00
GILBOA____1 23756	23.62 0.31 0.00	20.42 0.28 0.00	18.41 0.30 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.36 0.35 0.00	23.15 0.51 0.00	27.54 0.77 0.00	31.63 0.96 0.00	35.01 1.11 0.00	33.20 1.08 -1.86	38.76 0.84 -14.39	33.19 0.66 -13.96	34.65 0.62 -16.60	31.68 0.76 -10.10	30.11 0.91 -4.57	30.07 0.79 -7.83	29.59 0.90 -4.06	32.87 1.11 -1.22	28.55 0.96 -1.41	25.08 0.88 0.00	24.32 0.79 0.00	22.82 0.62 0.00	21.72 0.45 0.00
GILBOA____2 23757	23.62 0.31 0.00	20.42 0.28 0.00	18.41 0.30 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.36 0.35 0.00	23.15 0.51 0.00	27.54 0.77 0.00	31.63 0.96 0.00	35.01 1.11 0.00	33.20 1.08 -1.86	38.76 0.84 -14.39	33.19 0.66 -13.96	34.65 0.62 -16.60	31.68 0.76 -10.10	30.11 0.91 -4.57	30.07 0.79 -7.83	29.59 0.90 -4.06	32.87 1.11 -1.22	28.55 0.96 -1.41	25.08 0.88 0.00	24.32 0.79 0.00	22.82 0.62 0.00	21.72 0.45 0.00
GILBOA____3 23758	23.62 0.31 0.00	20.42 0.28 0.00	18.41 0.30 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.36 0.35 0.00	23.15 0.51 0.00	27.54 0.77 0.00	31.63 0.96 0.00	35.01 1.11 0.00	33.20 1.08 -1.86	38.76 0.84 -14.39	33.19 0.66 -13.96	34.65 0.62 -16.60	31.68 0.76 -10.10	30.11 0.91 -4.57	30.07 0.79 -7.83	29.59 0.90 -4.06	32.87 1.11 -1.22	28.55 0.96 -1.41	25.08 0.88 0.00	24.32 0.79 0.00	22.82 0.62 0.00	21.72 0.45 0.00
GILBOA____4 23759	23.62 0.31 0.00	20.42 0.28 0.00	18.41 0.30 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.36 0.35 0.00	23.15 0.51 0.00	27.54 0.77 0.00	31.63 0.96 0.00	35.01 1.11 0.00	33.20 1.08 -1.86	38.76 0.84 -14.39	33.19 0.66 -13.96	34.65 0.62 -16.60	31.68 0.76 -10.10	30.11 0.91 -4.57	30.07 0.79 -7.83	29.59 0.90 -4.06	32.87 1.11 -1.22	28.55 0.96 -1.41	25.08 0.88 0.00	24.32 0.79 0.00	22.82 0.62 0.00	21.72 0.45 0.00
GILBOA____ 23599	23.62 0.31 0.00	20.42 0.28 0.00	18.41 0.30 0.00	16.45 0.30 0.00	16.91 0.29 0.00	20.36 0.35 0.00	23.15 0.51 0.00	27.54 0.77 0.00	31.63 0.95 0.00	35.01 1.11 0.00	33.20 1.08 -1.86	38.76 0.84 -14.39	33.20 0.66 -13.96	34.65 0.62 -16.60	31.68 0.76 -10.10	30.10 0.91 -4.57	30.07 0.79 -7.83	29.59 0.90 -4.06	32.87 1.11 -1.22	28.55 0.96 -1.41	25.08 0.88 0.00	24.32 0.79 0.00	22.82 0.62 0.00	21.72 0.45 0.00
GINNA____ 23603	22.58 -0.73 0.00	19.46 -0.67 0.00	17.41 -0.59 0.11	15.54 -0.58 0.03	16.08 -0.53 0.00	19.47 -0.54 0.00	22.02 -0.62 0.00	25.79 -0.97 0.00	29.27 -1.41 0.00	30.79 -1.52 1.60	27.47 -1.46 1.34	24.37 -1.22 -2.06	19.66 -1.08 -2.16	18.76 -1.00 -2.32	21.05 -1.25 -1.48	23.83 -1.43 -0.64	21.40 -1.22 -1.17	24.17 -1.39 -0.94	29.85 -1.64 -0.95	25.24 -1.46 -0.51	22.87 -1.33 0.00	22.31 -1.22 0.00	21.17 -1.02 0.00	20.51 -0.76 0.00

GLEN PARK____ 23778	24.15 0.85 0.00	20.76 0.63 0.00	18.65 0.54 0.00	16.61 0.46 0.00	17.12 0.50 0.00	20.78 0.77 0.00	23.71 1.07 0.00	28.01 1.24 0.00	31.76 1.08 0.00	34.75 0.84 0.00	31.03 0.63 -0.13	24.81 0.30 -0.98	19.82 0.29 -0.96	18.80 0.22 -1.14	21.77 0.26 -0.69	25.28 0.35 -0.31	22.19 0.20 -0.54	25.45 0.53 -0.28	31.66 1.02 -0.10	27.30 1.01 -0.10	25.17 0.97 0.00	24.36 0.83 0.00	22.92 0.73 0.00	22.01 0.74 0.00
GLENDAL_27_KV_LOAD 356172	24.21 0.90 0.00	20.91 0.78 0.00	18.87 0.76 0.00	16.87 0.72 0.00	17.34 0.72 0.00	20.88 0.87 0.00	23.90 1.26 0.00	28.48 1.71 0.00	32.71 2.04 0.00	36.24 2.33 0.00	34.39 2.24 -1.89	39.89 1.74 -14.62	34.16 1.40 -14.19	35.61 1.31 -16.86	32.71 1.63 -10.26	31.23 1.96 -4.64	31.10 1.69 -7.95	30.70 1.92 -4.15	34.14 2.31 -1.28	29.62 1.99 -1.45	26.07 1.87 0.00	25.24 1.70 0.00	23.60 1.41 0.00	22.38 1.11 0.00
GLENWOOD_IC_1_G5 23712	49.99 1.08 -25.60	24.69 0.90 -3.66	18.97 0.86 0.00	16.97 0.82 0.00	17.44 0.82 0.00	21.02 1.00 0.00	24.01 1.37 0.00	28.50 1.74 0.00	32.77 2.09 0.00	36.21 2.31 0.00	34.28 2.13 -1.89	39.90 1.76 -14.61	34.19 1.42 -14.19	35.61 1.31 -16.86	33.00 1.61 -10.58	31.85 2.04 -5.19	31.30 1.78 -8.07	76.49 2.04 -49.82	58.96 2.46 -25.95	31.52 1.95 -3.39	26.08 1.82 -0.06	25.32 1.78 0.00	23.66 1.47 0.00	22.43 1.16 0.00
GLENWOOD_IC_2_G1 23688	24.90 0.91 -0.69	20.99 0.76 -0.10	18.85 0.74 0.00	16.86 0.71 0.00	17.33 0.71 0.00	20.87 0.86 0.00	23.86 1.22 0.00	28.34 1.58 0.00	32.59 1.91 0.00	36.07 2.17 0.00	34.26 2.11 -1.89	39.82 1.67 -14.63	34.10 1.33 -14.20	35.56 1.25 -16.86	32.95 1.55 -10.58	31.69 1.87 -5.20	31.15 1.63 -8.07	76.32 1.87 -49.83	58.76 2.26 -25.95	31.51 1.93 -3.40	26.06 1.80 -0.06	25.18 1.64 0.00	23.53 1.34 0.00	22.31 1.05 0.00
GLENWOOD_IC_3_G1 23689	24.90 0.91 -0.69	20.99 0.76 -0.10	18.85 0.74 0.00	16.86 0.71 0.00	17.33 0.71 0.00	20.87 0.86 0.00	23.86 1.22 0.00	28.34 1.58 0.00	32.59 1.91 0.00	36.07 2.17 0.00	34.26 2.11 -1.89	39.82 1.67 -14.63	34.10 1.33 -14.20	35.56 1.25 -16.86	32.95 1.55 -10.58	31.69 1.87 -5.20	31.15 1.63 -8.07	76.32 1.87 -49.83	58.76 2.26 -25.95	31.51 1.93 -3.40	26.06 1.80 -0.06	25.18 1.64 0.00	23.53 1.34 0.00	22.31 1.05 0.00
GLENWOOD____4 23550	49.99 1.08 -25.60	24.69 0.90 -3.66	18.97 0.86 0.00	16.97 0.82 0.00	17.44 0.82 0.00	21.02 1.00 0.00	24.01 1.37 0.00	28.50 1.74 0.00	32.77 2.09 0.00	36.24 2.34 0.00	34.35 2.20 -1.89	39.93 1.79 -14.61	34.21 1.44 -14.19	35.63 1.33 -16.86	33.04 1.64 -10.58	31.85 2.04 -5.19	31.30 1.78 -8.07	76.49 2.04 -49.82	58.96 2.47 -25.95	31.59 2.01 -3.39	26.14 1.88 -0.06	25.32 1.78 0.00	23.66 1.47 0.00	22.43 1.16 0.00
GLENWOOD____5 23614	49.99 1.08 -25.60	24.69 0.90 -3.66	18.97 0.86 0.00	16.97 0.82 0.00	17.44 0.82 0.00	21.02 1.00 0.00	24.01 1.37 0.00	28.50 1.74 0.00	32.77 2.09 0.00	36.24 2.34 0.00	34.35 2.20 -1.89	39.93 1.79 -14.61	34.21 1.44 -14.19	35.63 1.33 -16.86	33.04 1.64 -10.58	31.85 2.04 -5.19	31.30 1.78 -8.07	76.49 2.04 -49.82	58.96 2.47 -25.95	31.59 2.01 -3.39	26.14 1.88 -0.06	25.32 1.78 0.00	23.66 1.47 0.00	22.43 1.16 0.00
GLOBAL GREEN_PORT_GT1 23814	30.47 2.41 -4.75	22.85 2.04 -0.68	19.99 1.88 0.00	17.92 1.77 0.00	18.45 1.83 0.00	22.25 2.24 0.00	25.55 2.92 0.00	30.10 3.34 0.00	34.70 4.03 0.00	38.55 4.65 0.00	36.50 4.35 -1.89	41.54 3.42 -14.59	35.42 2.65 -14.20	36.85 2.55 -16.86	34.46 3.06 -10.58	33.47 3.66 -5.20	32.64 3.11 -8.07	78.00 3.55 -49.83	60.92 4.43 -25.95	33.44 3.86 -3.40	27.74 3.48 -0.06	26.71 3.17 0.00	24.93 2.74 0.00	23.62 2.35 0.00
GLOBE____DSASP 323697	23.47 0.16 0.00	20.26 0.13 0.00	18.25 0.15 0.00	16.16 0.01 0.00	16.74 0.12 0.00	20.30 0.28 0.00	22.77 0.14 0.00	26.33 -0.43 0.00	29.52 -1.16 0.00	32.75 -1.15 0.00	29.44 -1.15 -0.31	23.81 -1.22 -1.50	17.26 -1.23 0.08	18.57 -1.16 -2.29	20.16 -1.43 -0.77	23.62 -1.63 -0.63	20.43 -1.40 -0.38	20.01 -1.70 2.92	21.38 -2.04 7.13	21.63 -1.78 2.77	22.71 -1.50 0.00	22.34 -1.20 0.00	21.32 -0.87 0.00	21.14 -0.13 0.00
GOETHSLN____LBMP 323567	23.92 0.62 0.00	20.67 0.54 0.00	18.66 0.55 0.00	16.70 0.55 0.00	17.15 0.53 0.00	20.63 0.62 0.00	23.59 0.95 0.00	26.55 1.32 1.53	29.17 1.57 3.08	29.99 1.83 5.74	31.61 1.77 0.42	39.54 1.39 -14.62	33.88 1.11 -14.19	34.79 1.05 -16.30	32.38 1.31 -10.26	30.84 1.58 -4.64	30.77 1.37 -7.95	30.34 1.58 -4.15	33.72 1.90 -1.28	29.30 1.66 -1.45	25.77 1.57 0.00	24.93 1.40 0.00	23.34 1.15 0.00	22.14 0.87 0.00
GOLAH____69_KV_TB 1_2 80279	24.26 0.95 0.00	20.89 0.76 0.00	18.81 0.70 0.00	16.68 0.53 0.00	17.27 0.66 0.00	20.95 0.94 0.00	23.72 1.08 0.00	27.70 0.94 0.00	31.27 0.59 0.00	34.61 0.71 0.00	31.03 0.49 -0.27	25.54 0.12 -1.89	20.01 -0.05 -1.48	19.73 -0.02 -2.31	22.00 -0.07 -1.26	25.20 -0.06 -0.64	22.30 -0.08 -0.93	24.43 0.05 0.24	29.23 0.21 1.53	25.95 0.26 0.49	24.49 0.29 0.00	23.93 0.40 0.00	22.68 0.49 0.00	22.09 0.82 0.00
GOODYEAR_LAKE_HYD 323669	23.93 0.62 0.00	20.66 0.53 0.00	18.61 0.50 0.00	16.61 0.45 0.00	17.09 0.47 0.00	20.62 0.61 0.00	23.51 0.87 0.00	27.92 1.16 0.00	31.99 1.32 0.00	35.40 1.49 0.00	32.60 1.40 -0.93	31.81 1.10 -7.19	26.28 0.83 -6.88	26.53 0.77 -8.32	26.76 0.93 -5.03	28.00 1.09 -2.29	26.32 0.99 -3.88	27.60 1.14 -1.84	32.13 1.39 -0.20	27.93 1.21 -0.54	25.31 1.11 0.00	24.54 1.01 0.00	23.02 0.83 0.00	21.95 0.68 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.58 0.27 0.00	20.35 0.22 0.00	18.31 0.21 0.00	16.32 0.16 0.00	16.80 0.18 0.00	20.28 0.27 0.00	23.06 0.42 0.00	27.23 0.47 0.00	31.19 0.52 0.00	34.53 0.63 0.00	31.41 0.51 -0.63	28.64 0.37 -4.74	23.17 0.22 -4.37	23.18 0.20 -5.54	24.33 0.23 -3.28	26.41 0.26 -1.53	24.28 0.31 -2.51	25.82 0.33 -0.86	30.31 0.39 0.63	26.57 0.34 -0.05	24.56 0.35 0.00	23.97 0.43 0.00	22.53 0.33 0.00	21.62 0.35 0.00
GOUDEY____7 23579	23.60 0.29 0.00	20.37 0.24 0.00	18.33 0.22 0.00	16.33 0.18 0.00	16.82 0.20 0.00	20.30 0.29 0.00	23.08 0.44 0.00	27.26 0.49 0.00	31.22 0.55 0.00	34.56 0.66 0.00	31.44 0.54 -0.63	28.66 0.40 -4.74	23.18 0.23 -4.37	23.20 0.22 -5.54	24.35 0.25 -3.28	26.43 0.28 -1.53	24.30 0.33 -2.51	25.84 0.36 -0.86	30.34 0.42 0.63	26.60 0.37 -0.05	24.58 0.37 0.00	23.99 0.46 0.00	22.54 0.35 0.00	21.64 0.37 0.00
GOUDEY____8 23580	23.58 0.27 0.00	20.35 0.22 0.00	18.31 0.21 0.00	16.32 0.16 0.00	16.80 0.18 0.00	20.28 0.27 0.00	23.06 0.42 0.00	27.23 0.47 0.00	31.19 0.52 0.00	34.53 0.63 0.00	31.41 0.51 -0.63	28.64 0.37 -4.74	23.17 0.22 -4.37	23.18 0.20 -5.54	24.33 0.23 -3.28	26.41 0.26 -1.53	24.28 0.31 -2.51	25.82 0.33 -0.86	30.31 0.39 0.63	26.57 0.34 -0.05	24.56 0.35 0.00	23.97 0.43 0.00	22.53 0.33 0.00	21.62 0.35 0.00

GOWANUS_GT1_1 24077	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT1_2 24078	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT1_3 24079	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT1_4 24080	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT1_5 24084	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT1_6 24111	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT1_7 24112	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT1_8 24113	24.21 0.90 0.00	20.90 0.77 0.00	18.87 0.76 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.72 1.94 -4.15	34.16 2.34 -1.28	29.66 2.03 -1.45	26.08 1.88 0.00	25.27 1.74 0.00	23.65 1.46 0.00	22.42 1.15 0.00
GOWANUS_GT2_1 24114	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
GOWANUS_GT2_2 24115	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
GOWANUS_GT2_3 24116	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
GOWANUS_GT2_4 24117	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
GOWANUS_GT2_5 24118	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
GOWANUS_GT2_6 24119	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
GOWANUS_GT2_7 24120	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00

GOWANUS_GT2_8 24121	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
GOWANUS_GT3_1 24122	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT3_2 24123	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT3_3 24124	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT3_4 24125	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT3_5 24126	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT3_6 24127	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT3_7 24128	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT3_8 24129	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
GOWANUS_GT4_1 24130	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GOWANUS_GT4_2 24131	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GOWANUS_GT4_3 24132	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GOWANUS_GT4_4 24133	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GOWANUS_GT4_5 24134	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GOWANUS_GT4_6 24135	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00

GOWANUS_GT4_7 24136	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GOWANUS_GT4_8 24137	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GREENBSH_115KV_TB3 55895	23.29 -0.02 0.00	20.16 0.03 0.00	18.19 0.08 0.00	16.27 0.12 0.00	16.74 0.12 0.00	20.11 0.10 0.00	22.85 0.22 0.00	27.28 0.52 0.00	31.42 0.75 0.00	34.80 0.90 0.00	33.58 0.93 -2.38	42.73 0.72 -18.48	37.14 0.60 -17.97	39.27 0.55 -21.28	34.47 0.68 -12.97	31.29 0.81 -5.86	32.20 0.69 -10.06	30.73 0.77 -5.34	33.35 0.97 -1.82	28.95 0.85 -1.92	24.96 0.76 0.00	24.15 0.62 0.00	22.63 0.43 0.00	21.48 0.21 0.00
GREENDGE_115KV_TB5 80291	23.83 0.52 0.00	20.54 0.41 0.00	18.48 0.37 0.00	16.44 0.29 0.00	16.95 0.34 0.00	20.47 0.46 0.00	23.32 0.68 0.00	27.33 0.57 0.00	30.89 0.21 0.00	34.22 0.32 0.00	30.77 0.10 -0.40	26.51 0.09 -2.89	21.19 0.09 -2.52	20.98 0.10 -3.44	22.87 0.08 -1.98	25.61 0.04 -0.95	23.08 0.14 -1.49	24.91 0.10 -0.19	29.48 0.05 1.11	26.04 0.11 0.26	24.40 0.20 0.00	23.85 0.32 0.00	22.42 0.22 0.00	21.65 0.38 0.00
GREENIDGE___3 23582	23.83 0.52 0.00	20.54 0.41 0.00	18.48 0.37 0.00	16.44 0.29 0.00	16.95 0.34 0.00	20.47 0.46 0.00	23.32 0.68 0.00	27.33 0.57 0.00	30.89 0.21 0.00	34.22 0.32 0.00	30.77 0.10 -0.40	26.51 0.09 -2.89	21.19 0.09 -2.52	20.98 0.10 -3.44	22.87 0.08 -1.98	25.61 0.04 -0.95	23.08 0.14 -1.49	24.91 0.10 -0.19	29.48 0.05 1.11	26.04 0.11 0.26	24.40 0.20 0.00	23.85 0.32 0.00	22.42 0.22 0.00	21.65 0.38 0.00
GREENIDGE___4 23583	23.83 0.52 0.00	20.54 0.41 0.00	18.57 0.37 -0.08	16.46 0.29 -0.02	16.96 0.34 0.00	20.47 0.46 0.00	23.32 0.68 0.00	27.33 0.57 0.00	30.89 0.21 0.00	34.79 0.32 -0.56	31.33 0.10 -0.96	26.52 0.09 -2.89	21.18 0.08 -2.52	20.98 0.10 -3.44	22.87 0.08 -1.98	25.61 0.04 -0.95	23.08 0.14 -1.49	24.92 0.11 -0.19	29.47 0.04 1.11	26.04 0.11 0.26	24.40 0.20 0.00	23.86 0.32 0.00	22.42 0.22 0.00	21.65 0.38 0.00
GREENLWN_69_KV_BK 3 55738	30.21 1.20 -5.70	21.93 0.99 -0.82	19.03 0.92 0.00	17.04 0.89 0.00	17.52 0.90 0.00	21.12 1.11 0.00	24.16 1.52 0.00	28.53 1.76 0.00	32.82 2.14 0.00	36.32 2.41 0.00	34.44 2.29 -1.89	39.95 1.84 -14.59	34.23 1.47 -14.19	35.69 1.39 -16.86	33.13 1.74 -10.58	31.89 2.08 -5.19	31.31 1.79 -8.07	76.53 2.08 -49.82	59.03 2.53 -25.95	31.79 2.22 -3.39	26.29 2.03 -0.06	25.36 1.82 0.00	23.71 1.52 0.00	22.51 1.24 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00
GRISSOM___SOLAR 323813	25.78 2.47 0.00	22.17 2.03 0.00	19.92 1.81 0.00	17.71 1.56 0.00	18.25 1.64 0.00	22.14 2.13 0.00	25.31 2.68 0.00	29.89 3.13 0.00	34.17 3.49 0.00	37.53 3.63 0.00	36.03 3.29 -2.47	44.99 2.26 -19.20	38.89 1.64 -18.67	41.09 1.54 -22.12	36.20 1.91 -13.48	33.16 2.45 -6.09	34.09 2.18 -10.45	32.84 2.67 -5.54	35.83 3.39 -1.90	31.07 2.89 -1.99	26.77 2.57 0.00	26.07 2.54 0.00	24.52 2.32 0.00	23.42 2.15 0.00
GROVEVILLE___HYD 323602	24.11 0.80 0.00	20.82 0.69 0.00	18.79 0.69 0.00	16.80 0.64 0.00	17.27 0.65 0.00	20.80 0.79 0.00	23.75 1.11 0.00	28.29 1.53 0.00	32.53 1.85 0.00	36.03 2.13 0.00	34.21 2.05 -1.90	39.82 1.61 -14.69	34.10 1.27 -14.25	35.56 1.19 -16.93	32.57 1.45 -10.31	31.03 1.75 -4.66	30.98 1.54 -7.99	30.57 1.78 -4.17	34.00 2.17 -1.28	29.50 1.86 -1.46	25.90 1.70 0.00	25.06 1.53 0.00	23.44 1.25 0.00	22.23 0.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.56 0.25 0.00	20.33 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.16 0.00	20.25 0.24 0.00	22.97 0.33 0.00	27.02 0.25 0.00	30.80 0.13 0.00	34.02 0.11 0.00	30.48 -0.01 -0.23	25.25 -0.03 -1.76	20.25 -0.04 -1.72	19.44 -0.03 -2.03	22.01 -0.04 -1.24	25.13 -0.05 -0.56	22.41 0.00 -0.96	25.15 0.01 -0.51	30.76 0.04 -0.17	26.40 0.04 -0.18	24.24 0.04 0.00	23.62 0.08 0.00	22.39 0.20 0.00	21.49 0.22 0.00
HAMLTNNY_34_KV_TB 80303	23.49 0.18 0.00	20.30 0.16 0.00	18.25 0.14 0.00	16.27 0.11 0.00	16.72 0.11 0.00	20.19 0.18 0.00	22.92 0.28 0.00	26.95 0.19 0.00	30.73 0.05 0.00	33.98 0.07 0.00	30.47 -0.03 -0.24	25.35 -0.05 -1.87	20.35 -0.05 -1.82	19.55 -0.04 -2.16	22.07 -0.05 -1.32	25.15 -0.07 -0.59	22.45 -0.03 -1.02	25.15 -0.01 -0.54	30.72 -0.01 -0.19	26.37 -0.01 -0.19	24.20 0.00 0.00	23.58 0.04 0.00	22.35 0.15 0.00	21.44 0.17 0.00
HAMPSHIRE___PAPER_HYD 323593	23.31 0.01 0.00	20.08 -0.05 0.00	18.01 -0.10 0.00	16.04 -0.11 0.00	16.51 -0.11 0.00	19.95 -0.06 0.00	22.63 -0.01 0.00	26.75 -0.02 0.00	30.56 -0.11 0.00	33.57 -0.33 0.00	29.96 -0.38 -0.06	23.69 -0.32 -0.49	18.80 -0.25 -0.48	17.75 -0.25 -0.56	20.86 -0.29 -0.34	24.43 -0.35 -0.15	21.30 -0.42 -0.27	24.48 -0.29 -0.14	30.39 -0.21 -0.05	26.11 -0.12 -0.05	24.07 -0.13 0.00	23.36 -0.18 0.00	22.06 -0.14 0.00	21.33 0.06 0.00
HARDSCRABBLE_WT_PWR 323673	23.05 -0.26 0.00	19.87 -0.26 0.00	17.92 -0.19 0.00	16.08 -0.08 0.00	16.51 -0.10 0.00	19.84 -0.17 0.00	22.73 0.09 0.00	27.28 0.52 0.00	31.49 0.82 0.00	34.89 0.99 0.00	31.29 1.03 0.00	24.31 0.79 0.00	19.18 0.61 0.00	17.96 0.53 0.00	21.38 0.57 0.00	25.33 0.71 0.00	22.06 0.61 0.00	25.21 0.59 0.00	31.23 0.68 0.00	26.59 0.40 0.00	24.66 0.46 0.00	23.95 0.42 0.00	22.38 0.19 0.00	21.22 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.96 0.65 0.00	20.69 0.56 0.00	18.66 0.55 0.00	16.67 0.52 0.00	17.13 0.52 0.00	20.64 0.63 0.00	23.58 0.94 0.00	28.05 1.28 0.00	32.21 1.53 0.00	35.67 1.77 0.00	33.75 1.74 -1.74	38.41 1.39 -13.49	32.78 1.12 -13.09	34.04 1.04 -15.56	31.55 1.27 -9.47	30.44 1.53 -4.29	30.15 1.36 -7.34	30.01 1.56 -3.82	33.60 1.90 -1.16	29.14 1.62 -1.33	25.69 1.49 0.00	24.87 1.34 0.00	23.28 1.08 0.00	22.09 0.82 0.00

HARSNRAD_115KV_TB1 81005	23.79 0.48 0.00	20.50 0.37 0.00	18.47 0.36 0.00	16.36 0.21 0.00	16.95 0.33 0.00	20.55 0.54 0.00	23.12 0.48 0.00	26.79 0.03 0.00	30.16 -0.52 0.00	33.68 -0.22 0.00	30.28 -0.30 -0.31	24.50 -0.65 -1.62	18.04 -0.75 -0.21	19.10 -0.70 -2.37	20.82 -0.88 -0.89	24.28 -1.00 -0.65	21.10 -0.85 -0.49	21.08 -1.05 2.50	23.07 -1.20 6.28	22.72 -1.05 2.42	23.38 -0.83 0.00	22.99 -0.55 0.00	21.87 -0.33 0.00	21.52 0.25 0.00
HARZA MOOSE__RIVER 24016	23.74 0.43 0.00	20.46 0.33 0.00	18.40 0.29 0.00	16.40 0.24 0.00	16.89 0.28 0.00	20.43 0.42 0.00	23.26 0.62 0.00	27.52 0.76 0.00	31.47 0.79 0.00	34.63 0.73 0.00	30.90 0.55 -0.08	24.55 0.40 -0.61	19.48 0.31 -0.60	18.41 0.26 -0.71	21.56 0.32 -0.43	25.19 0.37 -0.19	22.05 0.26 -0.33	25.30 0.50 -0.18	31.34 0.73 -0.06	26.89 0.65 -0.06	24.78 0.58 0.00	24.02 0.48 0.00	22.61 0.42 0.00	21.70 0.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.30 0.00 0.00	20.10 -0.02 0.00	18.09 -0.02 0.00	16.12 -0.03 0.00	16.60 -0.01 0.00	20.03 0.02 0.00	22.70 0.06 0.00	26.69 -0.07 0.00	30.42 -0.26 0.00	33.58 -0.32 0.00	30.10 -0.38 -0.21	24.85 -0.32 -1.64	19.90 -0.27 -1.59	19.07 -0.26 -1.89	21.65 -0.31 -1.15	24.78 -0.36 -0.52	22.07 -0.28 -0.89	24.77 -0.33 -0.47	30.30 -0.41 -0.16	26.01 -0.34 -0.17	23.90 -0.30 0.00	23.30 -0.23 0.00	22.12 -0.07 0.00	21.25 -0.02 0.00
HELLGATE_13_KV_LD 55870	24.12 0.81 0.00	20.84 0.71 0.00	18.81 0.70 0.00	16.82 0.67 0.00	17.29 0.67 0.00	20.81 0.79 0.00	23.81 1.17 0.00	28.36 1.59 0.00	32.56 1.89 0.00	36.05 2.15 0.00	34.25 2.09 -1.89	39.76 1.61 -14.62	34.08 1.31 -14.19	35.52 1.22 -16.86	32.61 1.53 -10.26	31.10 1.84 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.50 1.87 -1.45	25.96 1.75 0.00	25.14 1.60 0.00	23.51 1.32 0.00	22.30 1.03 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.12 0.81 0.00	20.84 0.71 0.00	18.81 0.70 0.00	16.82 0.67 0.00	17.29 0.67 0.00	20.81 0.79 0.00	23.81 1.17 0.00	28.36 1.59 0.00	32.56 1.89 0.00	36.05 2.15 0.00	34.25 2.09 -1.89	39.76 1.61 -14.62	34.08 1.31 -14.19	35.52 1.22 -16.86	32.61 1.53 -10.26	31.10 1.84 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.50 1.87 -1.45	25.96 1.75 0.00	25.14 1.60 0.00	23.51 1.32 0.00	22.30 1.03 0.00
HEMPSTEAD____ 23647	50.60 1.12 -26.17	24.79 0.92 -3.75	18.97 0.86 0.00	16.98 0.83 0.00	17.46 0.84 0.00	21.04 1.03 0.00	24.06 1.42 0.00	28.48 1.72 0.00	32.79 2.11 0.00	36.26 2.36 0.00	34.40 2.24 -1.89	39.93 1.80 -14.60	34.20 1.43 -14.20	35.64 1.34 -16.86	33.07 1.67 -10.58	31.83 2.02 -5.20	31.29 1.76 -8.07	76.48 2.03 -49.83	58.98 2.48 -25.95	31.67 2.10 -3.40	26.19 1.93 -0.06	25.31 1.77 0.00	23.67 1.47 0.00	22.43 1.16 0.00
HEWLETT__69_KV_BK3 55828	98.13 1.41 -73.41	31.80 1.16 -10.51	19.21 1.09 -0.01	17.19 1.03 0.00	17.66 1.04 0.00	21.29 1.27 -0.01	24.34 1.68 -0.01	28.75 1.98 0.00	33.01 2.33 0.00	36.51 2.61 0.00	34.68 2.53 -1.89	40.21 2.00 -14.69	34.35 1.58 -14.19	35.79 1.49 -16.86	33.25 1.86 -10.58	32.03 2.22 -5.19	31.45 1.93 -8.07	76.67 2.22 -49.82	59.18 2.69 -25.95	31.90 2.33 -3.39	26.43 2.17 -0.06	25.52 1.99 0.00	23.90 1.71 0.00	22.66 1.39 0.00
HICKLING__1 23621	23.83 0.53 0.00	20.56 0.43 0.00	18.48 0.38 0.00	16.44 0.29 0.00	16.96 0.35 0.00	20.48 0.46 0.00	23.34 0.70 0.00	27.45 0.69 0.00	31.10 0.43 0.00	34.54 0.64 0.00	31.14 0.38 -0.49	27.35 0.26 -3.56	21.63 0.04 -3.01	21.76 0.05 -4.27	23.30 0.08 -2.42	25.82 0.02 -1.18	23.40 0.13 -1.81	24.72 0.06 -0.04	28.76 0.02 1.80	25.72 0.03 0.49	24.31 0.10 0.00	23.91 0.38 0.00	22.35 0.15 0.00	21.62 0.35 0.00
HICKLING__2 23622	23.83 0.53 0.00	20.56 0.43 0.00	18.48 0.38 0.00	16.44 0.29 0.00	16.96 0.35 0.00	20.48 0.46 0.00	23.34 0.70 0.00	27.45 0.69 0.00	31.10 0.43 0.00	34.54 0.64 0.00	31.14 0.38 -0.49	27.35 0.26 -3.56	21.63 0.04 -3.01	21.76 0.05 -4.27	23.30 0.08 -2.42	25.82 0.02 -1.18	23.40 0.13 -1.81	24.72 0.06 -0.04	28.76 0.02 1.80	25.72 0.03 0.49	24.31 0.10 0.00	23.91 0.38 0.00	22.35 0.15 0.00	21.62 0.35 0.00
HIGH FALLS__HY 23754	24.03 0.72 0.00	20.74 0.61 0.00	18.71 0.60 0.00	16.71 0.55 0.00	17.17 0.55 0.00	20.70 0.69 0.00	23.66 1.02 0.00	28.14 1.38 0.00	32.31 1.63 0.00	35.80 1.90 0.00	33.95 1.83 -1.86	39.38 1.43 -14.43	33.56 0.98 -14.00	34.99 0.92 -16.64	32.04 1.10 -10.13	30.53 1.33 -4.58	30.51 1.21 -7.85	30.15 1.43 -4.09	33.56 1.75 -1.26	29.15 1.53 -1.43	25.77 1.57 0.00	24.95 1.42 0.00	23.34 1.15 0.00	22.15 0.88 0.00
HILLBURN__GT 23639	23.90 0.59 0.00	20.63 0.50 0.00	18.62 0.51 0.00	16.64 0.48 0.00	17.09 0.47 0.00	20.59 0.58 0.00	23.53 0.89 0.00	27.97 1.21 0.00	32.11 1.43 0.00	35.56 1.66 0.00	33.68 1.64 -1.77	38.58 1.31 -13.74	32.97 1.06 -13.33	34.27 1.00 -15.84	31.67 1.22 -9.64	30.45 1.46 -4.36	30.23 1.31 -7.47	30.02 1.50 -3.89	33.54 1.81 -1.19	29.09 1.55 -1.36	25.63 1.42 0.00	24.83 1.29 0.00	23.23 1.04 0.00	22.05 0.78 0.00
HILLSIDE_115KV_TB1 80332	23.45 0.14 0.00	20.25 0.12 0.00	18.20 0.09 0.00	16.20 0.05 0.00	16.70 0.09 0.00	20.16 0.15 0.00	22.96 0.32 0.00	27.03 0.27 0.00	30.68 0.00 0.00	34.09 0.19 0.00	30.79 0.01 -0.51	27.24 0.01 -3.71	21.58 -0.16 -3.17	21.74 -0.12 -4.43	23.17 -0.16 -2.52	25.55 -0.29 -1.22	23.22 -0.13 -1.89	24.53 -0.23 -0.13	28.51 -0.37 1.67	25.43 -0.32 0.43	24.03 -0.17 0.00	23.65 0.11 0.00	22.07 -0.12 0.00	21.32 0.05 0.00
HISHELDN_WT_PWR 323625	23.82 0.51 0.00	20.53 0.40 0.00	18.33 0.39 0.17	16.34 0.23 0.04	16.95 0.33 0.00	20.51 0.49 0.00	23.18 0.55 0.00	27.03 0.26 0.00	30.49 -0.19 0.00	31.48 0.08 2.50	28.03 -0.10 2.13	25.22 -0.39 -2.08	18.86 -0.55 -0.83	19.75 -0.51 -2.82	21.44 -0.61 -1.24	24.65 -0.75 -0.78	21.66 -0.59 -0.79	21.85 -0.79 1.98	24.29 -0.86 5.40	23.39 -0.76 2.04	23.62 -0.58 0.00	23.25 -0.29 0.00	22.00 -0.19 0.00	21.55 0.28 0.00
HOLTSVILLE_IC_1 23690	29.49 1.52 -4.67	22.06 1.26 -0.67	19.28 1.17 0.00	17.29 1.13 0.00	17.77 1.15 0.00	21.41 1.40 0.00	24.53 1.89 0.00	28.90 2.14 0.00	33.28 2.60 0.00	36.84 2.94 0.00	34.92 2.76 -1.89	40.33 2.21 -14.59	34.52 1.75 -14.20	35.97 1.67 -16.86	33.45 2.06 -10.58	32.29 2.47 -5.20	31.62 2.09 -8.07	76.90 2.45 -49.83	59.52 3.03 -25.95	32.26 2.68 -3.40	26.71 2.45 -0.06	25.75 2.22 0.00	24.11 1.92 0.00	22.88 1.61 0.00
HOLTSVILLE_IC_10 23699	30.00 1.64 -5.05	22.22 1.36 -0.72	19.37 1.26 0.00	17.37 1.21 0.00	17.85 1.24 0.00	21.52 1.51 0.00	24.67 2.02 0.00	29.07 2.31 0.00	33.49 2.81 0.00	37.09 3.18 0.00	35.16 3.00 -1.89	40.51 2.39 -14.59	34.66 1.89 -14.20	36.10 1.80 -16.86	33.60 2.20 -10.58	32.47 2.65 -5.20	31.74 2.21 -8.07	77.04 2.59 -49.83	59.74 3.25 -25.95	32.46 2.88 -3.40	26.88 2.62 -0.06	25.92 2.38 0.00	24.25 2.05 0.00	23.00 1.73 0.00

HOLTSVILLE_IC_2 23691	29.49 1.52 -4.67	22.06 1.26 -0.67	19.28 1.17 0.00	17.29 1.13 0.00	17.77 1.15 0.00	21.41 1.40 0.00	24.53 1.89 0.00	28.90 2.14 0.00	33.28 2.60 0.00	36.84 2.94 0.00	34.92 2.76 -1.89	40.33 2.21 -14.59	34.52 1.75 -14.20	35.97 1.67 -16.86	33.45 2.06 -10.58	32.29 2.47 -5.20	31.62 2.09 -8.07	76.90 2.45 -49.83	59.52 3.03 -25.95	32.26 2.68 -3.40	26.71 2.45 -0.06	25.75 2.22 0.00	24.11 1.92 0.00	22.88 1.61 0.00
HOLTSVILLE_IC_3 23692	29.49 1.52 -4.67	22.06 1.26 -0.67	19.28 1.17 0.00	17.29 1.13 0.00	17.77 1.15 0.00	21.41 1.40 0.00	24.53 1.89 0.00	28.90 2.14 0.00	33.28 2.60 0.00	36.84 2.94 0.00	34.92 2.76 -1.89	40.33 2.21 -14.59	34.52 1.75 -14.20	35.97 1.67 -16.86	33.45 2.06 -10.58	32.29 2.47 -5.20	31.62 2.09 -8.07	76.90 2.45 -49.83	59.52 3.03 -25.95	32.26 2.68 -3.40	26.71 2.45 -0.06	25.75 2.22 0.00	24.11 1.92 0.00	22.88 1.61 0.00
HOLTSVILLE_IC_4 23693	29.49 1.52 -4.67	22.06 1.26 -0.67	19.28 1.17 0.00	17.29 1.13 0.00	17.77 1.15 0.00	21.41 1.40 0.00	24.53 1.89 0.00	28.90 2.14 0.00	33.28 2.60 0.00	36.84 2.94 0.00	34.92 2.76 -1.89	40.33 2.21 -14.59	34.52 1.75 -14.20	35.97 1.67 -16.86	33.45 2.06 -10.58	32.29 2.47 -5.20	31.62 2.09 -8.07	76.90 2.45 -49.83	59.52 3.03 -25.95	32.26 2.68 -3.40	26.71 2.45 -0.06	25.75 2.22 0.00	24.11 1.92 0.00	22.88 1.61 0.00
HOLTSVILLE_IC_5 23694	29.49 1.52 -4.67	22.06 1.26 -0.67	19.28 1.17 0.00	17.29 1.13 0.00	17.77 1.15 0.00	21.41 1.40 0.00	24.53 1.89 0.00	28.90 2.14 0.00	33.28 2.60 0.00	36.84 2.94 0.00	34.92 2.76 -1.89	40.33 2.21 -14.59	34.52 1.75 -14.20	35.97 1.67 -16.86	33.45 2.06 -10.58	32.29 2.47 -5.20	31.62 2.09 -8.07	76.90 2.45 -49.83	59.52 3.03 -25.95	32.26 2.68 -3.40	26.71 2.45 -0.06	25.75 2.22 0.00	24.11 1.92 0.00	22.88 1.61 0.00
HOLTSVILLE_IC_6 23695	30.00 1.64 -5.05	22.22 1.36 -0.72	19.37 1.26 0.00	17.37 1.21 0.00	17.85 1.24 0.00	21.52 1.51 0.00	24.67 2.02 0.00	29.07 2.31 0.00	33.49 2.81 0.00	37.09 3.18 0.00	35.16 3.00 -1.89	40.51 2.39 -14.59	34.66 1.89 -14.20	36.10 1.80 -16.86	33.60 2.20 -10.58	32.47 2.65 -5.20	31.74 2.21 -8.07	77.04 2.59 -49.83	59.74 3.25 -25.95	32.46 2.88 -3.40	26.88 2.62 -0.06	25.92 2.38 0.00	24.25 2.05 0.00	23.00 1.73 0.00
HOLTSVILLE_IC_7 23696	30.00 1.64 -5.05	22.22 1.36 -0.72	19.37 1.26 0.00	17.37 1.21 0.00	17.85 1.24 0.00	21.52 1.51 0.00	24.67 2.02 0.00	29.07 2.31 0.00	33.49 2.81 0.00	37.09 3.18 0.00	35.16 3.00 -1.89	40.51 2.39 -14.59	34.66 1.89 -14.20	36.10 1.80 -16.86	33.60 2.20 -10.58	32.47 2.65 -5.20	31.74 2.21 -8.07	77.04 2.59 -49.83	59.74 3.25 -25.95	32.46 2.88 -3.40	26.88 2.62 -0.06	25.92 2.38 0.00	24.25 2.05 0.00	23.00 1.73 0.00
HOLTSVILLE_IC_8 23697	30.00 1.64 -5.05	22.22 1.36 -0.72	19.37 1.26 0.00	17.37 1.21 0.00	17.85 1.24 0.00	21.52 1.51 0.00	24.67 2.02 0.00	29.07 2.31 0.00	33.49 2.81 0.00	37.09 3.18 0.00	35.16 3.00 -1.89	40.51 2.39 -14.59	34.66 1.89 -14.20	36.10 1.80 -16.86	33.60 2.20 -10.58	32.47 2.65 -5.20	31.74 2.21 -8.07	77.04 2.59 -49.83	59.74 3.25 -25.95	32.46 2.88 -3.40	26.88 2.62 -0.06	25.92 2.38 0.00	24.25 2.05 0.00	23.00 1.73 0.00
HOLTSVILLE_IC_9 23698	30.00 1.64 -5.05	22.22 1.36 -0.72	19.37 1.26 0.00	17.37 1.21 0.00	17.85 1.24 0.00	21.52 1.51 0.00	24.67 2.02 0.00	29.07 2.31 0.00	33.49 2.81 0.00	37.09 3.18 0.00	35.16 3.00 -1.89	40.51 2.39 -14.59	34.66 1.89 -14.20	36.10 1.80 -16.86	33.60 2.20 -10.58	32.47 2.65 -5.20	31.74 2.21 -8.07	77.04 2.59 -49.83	59.74 3.25 -25.95	32.46 2.88 -3.40	26.88 2.62 -0.06	25.92 2.38 0.00	24.25 2.05 0.00	23.00 1.73 0.00
HOMER_HL_115KV_TB2 355744	23.88 0.57 0.00	20.52 0.39 0.00	18.54 0.43 0.00	16.43 0.27 0.00	16.97 0.35 0.00	20.59 0.58 0.00	23.35 0.71 0.00	27.38 0.62 0.00	30.97 0.29 0.00	34.53 0.62 0.00	30.99 0.36 -0.37	25.61 -0.06 -2.13	19.25 -0.23 -0.91	20.12 -0.20 -2.88	21.81 -0.28 -1.28	24.98 -0.44 -0.79	21.93 -0.35 -0.83	22.29 -0.40 1.93	24.83 -0.41 5.31	23.77 -0.41 2.00	23.96 0.00 0.00	23.65 0.12 0.00	22.36 0.16 0.00	21.85 0.58 0.00
HOWARD_WT_PWR 323690	24.13 0.82 0.00	20.78 0.65 0.00	18.70 0.59 0.00	16.60 0.45 0.00	17.10 0.48 0.00	20.48 0.47 0.00	23.44 0.80 0.00	27.48 0.72 0.00	30.95 0.28 0.00	34.53 0.63 0.00	30.99 0.31 -0.41	26.40 0.02 -2.85	20.59 -0.14 -2.16	20.82 -0.12 -3.51	22.58 -0.12 -1.89	25.26 -0.32 -0.97	22.61 -0.22 -1.38	23.72 -0.39 0.51	27.40 -0.53 2.62	25.01 -0.30 0.87	23.95 -0.25 0.00	23.60 0.06 0.00	22.15 -0.05 0.00	21.71 0.44 0.00
HQ_GEN_CEDARS 23644	23.33 0.02 0.00	20.14 0.01 0.00	18.03 -0.08 0.00	16.05 -0.10 0.00	16.51 -0.11 0.00	19.87 -0.14 0.00	22.37 -0.27 0.00	26.40 -0.36 0.00	30.27 -0.40 0.00	33.35 -0.55 0.00	29.77 -0.50 0.00	23.16 -0.37 0.00	18.29 -0.29 0.00	17.19 -0.25 0.00	20.51 -0.30 0.00	24.27 -0.35 0.00	21.08 -0.38 0.00	24.25 -0.38 0.00	30.11 -0.44 0.00	25.84 -0.34 0.00	23.86 -0.34 0.00	23.21 -0.32 0.00	21.93 -0.26 0.00	21.19 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	23.33 0.02 0.00	20.14 0.01 0.00	18.03 -0.08 0.00	16.05 -0.10 0.00	16.51 -0.11 0.00	19.87 -0.14 0.00	22.37 -0.27 0.00	26.40 -0.36 0.00	30.27 -0.40 0.00	33.35 -0.55 0.00	29.77 -0.50 0.00	23.16 -0.37 0.00	18.29 -0.28 0.00	17.19 -0.25 0.00	20.51 -0.30 0.00	24.27 -0.36 0.00	21.08 -0.38 0.00	24.24 -0.38 0.00	30.11 -0.44 0.00	25.84 -0.34 0.00	23.86 -0.34 0.00	23.21 -0.32 0.00	21.93 -0.26 0.00	21.19 -0.08 0.00
HQ_GEN_IMPORT 323601	23.29 -0.01 0.00	20.11 -0.02 0.00	18.05 -0.06 0.00	16.08 -0.07 0.00	16.55 -0.07 0.00	19.92 -0.10 0.00	22.42 -0.22 0.00	27.00 -0.33 -0.56	30.31 -0.36 0.00	33.47 -0.44 0.00	29.87 -0.40 0.00	23.23 -0.30 0.00	18.35 -0.23 0.00	17.23 -0.21 0.00	20.56 -0.25 0.00	23.88 -0.30 0.45	21.17 -0.29 0.00	24.30 -0.32 0.00	30.15 -0.39 0.00	25.87 -0.32 0.00	23.90 -0.30 0.00	23.25 -0.28 0.00	21.94 -0.26 0.00	21.12 -0.16 0.00
HQ_GEN_WHEEL 23651	23.29 -0.01 0.00	20.11 -0.02 0.00	18.05 -0.06 0.00	16.08 -0.07 0.00	16.55 -0.07 0.00	19.92 -0.10 0.00	22.42 -0.22 0.00	27.00 -0.33 -0.56	30.31 -0.36 0.00	33.47 -0.44 0.00	29.87 -0.40 0.00	23.23 -0.30 0.00	18.35 -0.23 0.00	17.23 -0.21 0.00	20.56 -0.25 0.00	23.88 -0.30 0.45	21.17 -0.29 0.00	24.30 -0.32 0.00	30.15 -0.39 0.00	25.87 -0.32 0.00	23.90 -0.30 0.00	23.25 -0.28 0.00	21.94 -0.26 0.00	21.12 -0.16 0.00
HUDSON_AVE_GT_3 23810	24.11 0.80 0.00	20.83 0.69 0.00	18.79 0.69 0.00	16.81 0.65 0.00	17.27 0.65 0.00	20.80 0.79 0.00	23.77 1.13 0.00	28.33 1.56 0.00	32.54 1.86 0.00	36.05 2.15 0.00	34.21 2.06 -1.89	39.75 1.60 -14.62	34.05 1.28 -14.19	35.51 1.22 -16.86	32.58 1.50 -10.26	31.08 1.81 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.99 2.16 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.11 1.57 0.00	23.49 1.30 0.00	22.28 1.01 0.00

HUDSON AVE_GT_4 23540	24.11 0.80 0.00	20.83 0.69 0.00	18.79 0.69 0.00	16.81 0.65 0.00	17.27 0.65 0.00	20.80 0.79 0.00	23.77 1.13 0.00	28.33 1.56 0.00	32.54 1.86 0.00	36.05 2.15 0.00	34.21 2.06 -1.89	39.75 1.60 -14.62	34.05 1.28 -14.19	35.51 1.22 -16.86	32.58 1.50 -10.26	31.08 1.81 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.99 2.16 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.11 1.57 0.00	23.49 1.30 0.00	22.28 1.01 0.00
HUDSON AVE_GT_5 23657	24.11 0.80 0.00	20.83 0.69 0.00	18.79 0.69 0.00	16.81 0.65 0.00	17.27 0.65 0.00	20.80 0.79 0.00	23.77 1.13 0.00	28.33 1.56 0.00	32.54 1.86 0.00	36.05 2.15 0.00	34.21 2.06 -1.89	39.75 1.60 -14.62	34.05 1.28 -14.19	35.51 1.22 -16.86	32.58 1.50 -10.26	31.08 1.81 -4.64	30.98 1.57 -7.95	30.57 1.80 -4.15	33.99 2.16 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.11 1.57 0.00	23.49 1.30 0.00	22.28 1.01 0.00
HUDSON_AVE_10 24168	24.01 0.70 0.00	20.75 0.61 0.00	18.73 0.62 0.00	16.75 0.59 0.00	17.21 0.59 0.00	20.72 0.71 0.00	23.69 1.05 0.00	28.24 1.47 0.00	32.43 1.75 0.00	35.93 2.02 0.00	34.07 1.92 -1.89	39.68 1.50 -14.65	33.96 1.20 -14.19	35.43 1.14 -16.86	32.48 1.41 -10.26	30.96 1.70 -4.64	30.87 1.47 -7.95	30.46 1.69 -4.15	33.83 2.01 -1.28	29.37 1.74 -1.45	25.83 1.62 0.00	24.99 1.45 0.00	23.40 1.21 0.00	22.18 0.91 0.00
HUDSON___115KV_TB 4 355613	23.76 0.45 0.00	20.55 0.42 0.00	18.53 0.43 0.00	16.58 0.42 0.00	17.05 0.43 0.00	20.52 0.51 0.00	23.35 0.72 0.00	27.93 1.17 0.00	32.20 1.52 0.00	35.66 1.76 0.00	34.26 1.68 -2.31	42.81 1.31 -17.98	37.12 1.06 -17.48	39.12 0.97 -20.71	34.59 1.15 -12.62	31.71 1.38 -5.70	32.42 1.17 -9.79	31.17 1.35 -5.19	34.07 1.75 -1.77	29.57 1.52 -1.87	25.53 1.33 0.00	24.68 1.14 0.00	23.09 0.90 0.00	21.89 0.62 0.00
HUNTER MOUNT___DRP 323613	23.89 0.58 0.00	20.65 0.52 0.00	18.63 0.52 0.00	16.66 0.51 0.00	17.14 0.52 0.00	20.64 0.63 0.00	23.49 0.85 0.00	28.14 1.38 0.00	32.47 1.79 0.00	35.96 2.06 0.00	34.44 1.93 -2.24	42.43 1.49 -17.41	36.71 1.20 -16.94	38.61 1.11 -20.06	34.35 1.31 -12.23	31.71 1.56 -5.52	32.24 1.31 -9.48	31.18 1.53 -5.03	34.28 2.02 -1.72	29.74 1.75 -1.81	25.72 1.52 0.00	24.85 1.31 0.00	23.23 1.04 0.00	22.01 0.74 0.00
HUNTINGTON_RES_REC 323705	29.79 1.39 -5.09	22.00 1.14 -0.73	19.17 1.06 0.00	17.17 1.02 0.00	17.66 1.04 0.00	21.29 1.27 0.00	24.38 1.73 0.00	28.76 2.00 0.00	33.11 2.43 0.00	36.65 2.75 0.00	34.76 2.60 -1.89	40.18 2.07 -14.59	34.42 1.65 -14.20	35.88 1.57 -16.86	33.35 1.95 -10.58	32.16 2.34 -5.20	31.51 1.98 -8.07	76.78 2.33 -49.83	59.36 2.87 -25.95	32.11 2.53 -3.40	26.56 2.30 -0.06	25.61 2.07 0.00	23.93 1.74 0.00	22.71 1.44 0.00
HUNTLEY___63 23557	24.02 0.71 0.00	20.70 0.57 0.00	18.65 0.54 0.00	16.51 0.36 0.00	17.11 0.49 0.00	20.76 0.75 0.00	23.36 0.72 0.00	27.09 0.32 0.00	30.49 -0.18 0.00	33.96 0.06 0.00	30.52 -0.07 -0.32	24.74 -0.42 -1.63	18.12 -0.61 -0.16	19.27 -0.55 -2.39	21.00 -0.69 -0.88	24.51 -0.78 -0.66	21.29 -0.64 -0.48	21.19 -0.80 2.63	23.07 -0.92 6.56	22.83 -0.82 2.53	23.59 -0.61 0.00	23.19 -0.34 0.00	22.05 -0.14 0.00	21.71 0.44 0.00
HUNTLEY___64 23558	24.02 0.71 0.00	20.70 0.57 0.00	18.65 0.54 0.00	16.51 0.36 0.00	17.11 0.49 0.00	20.76 0.75 0.00	23.36 0.72 0.00	27.09 0.32 0.00	30.49 -0.18 0.00	33.96 0.06 0.00	30.52 -0.07 -0.32	24.74 -0.42 -1.63	18.12 -0.61 -0.16	19.27 -0.55 -2.39	21.00 -0.69 -0.88	24.51 -0.78 -0.66	21.29 -0.64 -0.48	21.19 -0.80 2.63	23.07 -0.92 6.56	22.83 -0.82 2.53	23.59 -0.61 0.00	23.19 -0.34 0.00	22.05 -0.14 0.00	21.71 0.44 0.00
HUNTLEY___65 23559	24.02 0.71 0.00	20.70 0.57 0.00	18.65 0.54 0.00	16.51 0.36 0.00	17.11 0.49 0.00	20.76 0.75 0.00	23.36 0.72 0.00	27.09 0.32 0.00	30.49 -0.18 0.00	33.96 0.06 0.00	30.52 -0.07 -0.32	24.74 -0.42 -1.63	18.12 -0.61 -0.16	19.27 -0.55 -2.39	21.00 -0.69 -0.88	24.51 -0.78 -0.66	21.29 -0.64 -0.48	21.19 -0.80 2.63	23.07 -0.92 6.56	22.83 -0.82 2.53	23.59 -0.61 0.00	23.19 -0.34 0.00	22.05 -0.14 0.00	21.71 0.44 0.00
HUNTLEY___66 23560	24.02 0.71 0.00	20.70 0.57 0.00	18.65 0.54 0.00	16.51 0.36 0.00	17.11 0.49 0.00	20.76 0.75 0.00	23.36 0.72 0.00	27.09 0.32 0.00	30.49 -0.18 0.00	33.96 0.06 0.00	30.52 -0.07 -0.32	24.74 -0.42 -1.63	18.12 -0.61 -0.16	19.27 -0.55 -2.39	21.00 -0.69 -0.88	24.51 -0.78 -0.66	21.29 -0.64 -0.48	21.19 -0.80 2.63	23.07 -0.92 6.56	22.83 -0.82 2.53	23.59 -0.61 0.00	23.19 -0.34 0.00	22.05 -0.14 0.00	21.71 0.44 0.00
HUNTLEY___67 23561	23.73 0.42 0.00	20.44 0.31 0.00	18.41 0.30 0.00	16.30 0.15 0.00	16.89 0.27 0.00	20.47 0.46 0.00	23.03 0.39 0.00	26.77 0.01 0.00	30.17 -0.51 0.00	33.63 -0.27 0.00	30.22 -0.37 -0.32	24.55 -0.60 -1.62	17.96 -0.71 -0.10	19.18 -0.66 -2.40	20.85 -0.83 -0.86	24.32 -0.96 -0.66	21.11 -0.81 -0.46	20.86 -1.02 2.74	22.56 -1.18 6.80	22.50 -1.05 2.63	23.37 -0.83 0.00	22.99 -0.54 0.00	21.86 -0.33 0.00	21.48 0.21 0.00
HUNTLEY___68 23562	23.73 0.42 0.00	20.44 0.31 0.00	18.41 0.30 0.00	16.30 0.15 0.00	16.89 0.27 0.00	20.47 0.46 0.00	23.03 0.39 0.00	26.77 0.01 0.00	30.17 -0.51 0.00	33.63 -0.27 0.00	30.22 -0.37 -0.32	24.55 -0.60 -1.62	17.96 -0.71 -0.10	19.18 -0.66 -2.40	20.85 -0.83 -0.86	24.32 -0.96 -0.66	21.11 -0.81 -0.46	20.86 -1.02 2.74	22.56 -1.18 6.80	22.50 -1.05 2.63	23.37 -0.83 0.00	22.99 -0.54 0.00	21.86 -0.33 0.00	21.48 0.21 0.00
HYLAND___LFGE 323620	24.62 1.32 0.00	21.18 1.06 0.00	19.06 0.95 0.00	16.92 0.77 0.00	17.49 0.87 0.00	21.20 1.18 0.00	24.15 1.51 0.00	28.32 1.56 0.00	31.74 1.07 0.00	33.84 0.67 0.73	30.19 0.30 0.38	26.09 0.02 -2.54	20.57 -0.20 -2.19	20.31 -0.16 -3.03	22.30 -0.25 -1.73	25.17 -0.28 -0.84	22.58 -0.18 -1.30	24.43 -0.31 -0.12	29.80 0.34 1.08	26.70 0.79 0.27	25.02 0.82 0.00	24.47 0.93 0.00	23.03 0.84 0.00	22.36 1.09 0.00
INDECK___CORINTH 23802	24.45 1.14 0.00	21.12 0.99 0.00	19.03 0.93 0.00	17.02 0.86 0.00	17.53 0.91 0.00	21.19 1.17 0.00	24.09 1.45 0.00	28.92 2.16 0.00	33.39 2.72 0.00	36.98 3.07 0.00	35.64 2.92 -2.45	44.79 2.21 -19.05	38.85 1.74 -18.53	41.02 1.63 -21.94	36.12 1.93 -13.38	32.91 2.24 -6.05	33.67 1.84 -10.37	32.23 2.10 -5.50	34.96 2.54 -1.88	30.27 2.11 -1.98	26.19 1.99 0.00	25.30 1.77 0.00	23.77 1.57 0.00	22.58 1.31 0.00
INDECK___ILION 23567	23.18 -0.12 0.00	20.02 -0.11 0.00	18.04 -0.07 0.00	16.14 -0.02 0.00	16.59 -0.03 0.00	19.97 -0.04 0.00	22.72 0.08 0.00	27.09 0.33 0.00	31.19 0.51 0.00	34.52 0.62 0.00	30.89 0.62 0.00	24.00 0.48 0.00	18.95 0.37 0.00	17.76 0.33 0.00	21.17 0.36 0.00	25.06 0.44 0.00	21.84 0.38 0.00	25.02 0.39 0.00	31.04 0.50 0.00	26.56 0.38 0.00	24.58 0.37 0.00	23.87 0.33 0.00	22.39 0.20 0.00	21.31 0.04 0.00



INDECK___OLEAN 23982	23.88 0.57 0.00	20.52 0.39 0.00	18.12 0.44 0.44	16.32 0.27 0.10	16.97 0.35 0.00	20.59 0.58 0.00	23.35 0.71 0.00	27.37 0.61 0.00	30.96 0.29 0.00	28.87 0.63 5.66	25.36 0.36 5.27	25.59 -0.07 -2.13	19.24 -0.25 -0.91	20.13 -0.19 -2.88	21.81 -0.28 -1.28	24.98 -0.44 -0.79	21.94 -0.34 -0.83	22.30 -0.40 1.93	24.86 -0.38 5.31	23.77 -0.41 2.00	23.96 -0.24 0.00	23.65 0.12 0.00	22.36 0.17 0.00	21.85 0.58 0.00
INDECK___OSWEGO 23783	23.85 0.54 0.00	20.53 0.40 0.00	18.48 0.37 0.00	16.46 0.30 0.00	16.96 0.34 0.00	20.50 0.49 0.00	23.29 0.65 0.00	27.41 0.65 0.00	31.20 0.53 0.00	34.40 0.50 0.00	30.76 0.30 -0.19	25.22 0.18 -1.51	20.18 0.14 -1.47	19.30 0.13 -1.74	22.04 0.16 -1.06	25.33 0.23 -0.48	22.48 0.20 -0.82	25.35 0.30 -0.44	31.17 0.48 -0.15	26.78 0.43 -0.16	24.62 0.41 0.00	23.95 0.41 0.00	22.66 0.46 0.00	21.76 0.49 0.00
INDECK___YERKES 23781	24.05 0.74 0.00	20.72 0.59 0.00	18.38 0.58 0.30	16.46 0.38 0.07	17.13 0.51 0.00	20.79 0.78 0.00	23.38 0.75 0.00	27.12 0.35 0.00	30.52 -0.15 0.00	30.05 0.11 3.96	26.62 -0.01 3.63	24.78 -0.38 -1.63	18.14 -0.60 -0.16	19.31 -0.52 -2.39	21.04 -0.65 -0.88	24.55 -0.73 -0.66	21.34 -0.60 -0.48	21.25 -0.75 2.63	23.16 -0.83 6.56	22.87 -0.78 2.53	23.63 -0.58 0.00	23.23 -0.30 0.00	22.09 -0.10 0.00	21.75 0.47 0.00
INDIAN POINT_GT_1 24139	23.90 0.59 0.00	20.65 0.52 0.00	18.63 0.53 0.00	16.65 0.50 0.00	17.11 0.49 0.00	20.61 0.59 0.00	23.54 0.90 0.00	28.02 1.26 0.00	32.18 1.50 0.00	35.63 1.73 0.00	33.83 1.70 -1.86	39.30 1.34 -14.43	33.66 1.08 -14.00	35.09 1.01 -16.63	32.19 1.25 -10.13	30.71 1.50 -4.58	30.62 1.32 -7.85	30.23 1.51 -4.09	33.64 1.83 -1.26	29.18 1.57 -1.43	25.65 1.45 0.00	24.84 1.30 0.00	23.25 1.06 0.00	22.06 0.79 0.00
INDIAN POINT_GT_2 23659	23.90 0.59 0.00	20.65 0.52 0.00	18.63 0.53 0.00	16.65 0.50 0.00	17.11 0.49 0.00	20.61 0.59 0.00	23.54 0.90 0.00	28.02 1.26 0.00	32.18 1.50 0.00	35.63 1.73 0.00	33.83 1.70 -1.86	39.30 1.34 -14.43	33.66 1.08 -14.00	35.09 1.01 -16.63	32.19 1.25 -10.13	30.71 1.50 -4.58	30.62 1.32 -7.85	30.23 1.51 -4.09	33.64 1.83 -1.26	29.18 1.57 -1.43	25.65 1.45 0.00	24.84 1.30 0.00	23.25 1.06 0.00	22.06 0.79 0.00
INDIAN POINT_GT_3 24019	23.90 0.59 0.00	20.65 0.52 0.00	18.63 0.53 0.00	16.65 0.50 0.00	17.11 0.49 0.00	20.61 0.59 0.00	23.54 0.90 0.00	28.02 1.26 0.00	32.18 1.50 0.00	35.63 1.73 0.00	33.83 1.70 -1.86	39.30 1.34 -14.43	33.66 1.08 -14.00	35.09 1.01 -16.63	32.19 1.25 -10.13	30.71 1.50 -4.58	30.62 1.32 -7.85	30.23 1.51 -4.09	33.64 1.83 -1.26	29.18 1.57 -1.43	25.65 1.45 0.00	24.84 1.30 0.00	23.25 1.06 0.00	22.06 0.79 0.00
INDIAN POINT___2 23530	23.87 0.56 0.00	20.63 0.50 0.00	18.61 0.50 0.00	16.64 0.48 0.00	17.09 0.48 0.00	20.58 0.57 0.00	23.51 0.88 0.00	27.97 1.21 0.00	32.12 1.44 0.00	35.57 1.67 0.00	33.74 1.64 -1.83	39.01 1.30 -14.18	33.38 1.05 -13.76	34.77 0.99 -16.35	31.98 1.21 -9.95	30.58 1.46 -4.50	30.45 1.28 -7.71	30.12 1.48 -4.02	33.56 1.78 -1.23	29.12 1.53 -1.41	25.62 1.41 0.00	24.81 1.28 0.00	23.23 1.03 0.00	22.04 0.77 0.00
INDIAN POINT___3 23531	23.88 0.57 0.00	20.63 0.50 0.00	18.62 0.52 0.00	16.65 0.50 0.00	17.10 0.49 0.00	20.60 0.58 0.00	23.52 0.88 0.00	27.98 1.22 0.00	32.15 1.47 0.00	35.60 1.69 0.00	33.80 1.67 -1.86	39.28 1.32 -14.44	33.65 1.06 -14.01	35.08 1.00 -16.65	32.17 1.23 -10.13	30.69 1.48 -4.59	30.61 1.30 -7.85	30.21 1.49 -4.09	33.60 1.80 -1.26	29.16 1.54 -1.43	25.63 1.43 0.00	24.82 1.29 0.00	23.23 1.04 0.00	22.05 0.78 0.00
INGHAM_C_115KV_TB7 356103	22.92 -0.39 0.00	19.79 -0.34 0.00	17.86 -0.25 0.00	16.03 -0.12 0.00	16.47 -0.15 0.00	19.80 -0.21 0.00	22.67 0.03 0.00	27.29 0.53 0.00	31.56 0.88 0.00	35.01 1.11 0.00	31.42 1.15 0.00	24.41 0.88 0.00	19.26 0.68 0.00	18.03 0.60 0.00	21.44 0.63 0.00	25.42 0.80 0.00	22.13 0.68 0.00	25.27 0.65 0.00	31.35 0.80 0.00	26.76 0.57 0.00	24.82 0.62 0.00	24.09 0.55 0.00	22.45 0.26 0.00	21.23 -0.04 0.00
IP CORINTH___1 23988	24.45 1.14 0.00	21.12 0.99 0.00	19.04 0.93 0.00	17.02 0.86 0.00	17.53 0.91 0.00	21.19 1.17 0.00	24.09 1.45 0.00	28.92 2.16 0.00	33.39 2.72 0.00	36.98 3.07 0.00	35.64 2.92 -2.45	44.79 2.21 -19.05	38.85 1.74 -18.53	41.02 1.63 -21.94	36.12 1.93 -13.38	32.91 2.24 -6.05	33.68 1.85 -10.37	32.23 2.11 -5.50	34.96 2.54 -1.88	30.27 2.10 -1.98	26.19 1.98 0.00	25.30 1.77 0.00	23.77 1.57 0.00	22.58 1.31 0.00
IP___TICONDEROGA 23804	24.90 1.59 0.00	21.49 1.36 0.00	19.39 1.28 0.00	17.33 1.18 0.00	17.93 1.31 0.00	21.82 1.80 0.00	24.72 2.08 0.00	30.07 3.31 0.00	35.15 4.47 0.00	38.83 4.93 0.00	37.51 4.80 -2.45	46.07 3.51 -19.03	39.88 2.79 -18.51	42.01 2.64 -21.92	37.25 3.08 -13.37	34.16 3.49 -6.04	34.97 3.16 -10.36	33.65 3.52 -5.50	36.83 4.41 -1.88	31.85 3.69 -1.98	27.30 3.10 0.00	26.28 2.75 0.00	24.42 2.23 0.00	23.21 1.94 0.00
ISLIP_RES_REC 323679	30.37 1.75 -5.31	22.34 1.45 -0.76	19.45 1.34 0.00	17.43 1.28 0.00	17.92 1.31 0.00	21.61 1.60 0.00	24.79 2.15 0.00	29.23 2.47 0.00	33.70 3.02 0.00	37.33 3.43 0.00	35.38 3.23 -1.89	40.67 2.56 -14.59	34.79 2.02 -14.20	36.22 1.92 -16.86	33.74 2.34 -10.58	32.63 2.81 -5.20	31.88 2.35 -8.07	77.20 2.75 -49.83	59.95 3.45 -25.95	32.63 3.04 -3.40	27.03 2.77 -0.06	26.04 2.50 0.00	24.36 2.16 0.00	23.10 1.83 0.00
JAMAICA___27_KV_LOAD 355505	24.20 0.89 0.00	20.92 0.79 0.00	18.88 0.77 0.00	16.89 0.73 0.00	17.36 0.75 0.00	20.90 0.89 0.00	23.90 1.26 0.00	28.50 1.74 0.00	32.70 2.03 0.00	36.24 2.34 0.00	34.28 2.13 -1.89	39.84 1.66 -14.66	34.08 1.32 -14.19	35.54 1.24 -16.86	32.62 1.54 -10.26	31.12 1.85 -4.64	31.02 1.62 -7.95	30.63 1.85 -4.15	34.02 2.19 -1.28	29.55 1.92 -1.45	25.98 1.77 0.00	25.11 1.58 0.00	23.58 1.39 0.00	22.33 1.06 0.00
JANIS___SOLAR 323808	24.34 1.03 0.00	20.97 0.84 0.00	18.94 0.76 -0.07	16.83 0.66 -0.02	17.32 0.70 0.00	20.97 0.96 0.00	23.96 1.32 0.00	28.31 1.55 0.00	32.16 1.49 0.00	36.26 1.50 -0.85	32.83 1.16 -1.40	28.43 0.74 -4.16	22.96 0.50 -3.88	22.74 0.45 -4.86	24.22 0.52 -2.89	26.68 0.72 -1.34	24.40 0.73 -2.22	26.51 1.04 -0.84	31.59 1.41 0.37	27.57 1.27 -0.12	25.39 1.19 0.00	24.69 1.16 0.00	23.20 1.01 0.00	22.17 0.90 0.00
JARVIS____ 23743	23.28 -0.03 0.00	20.11 -0.02 0.00	18.10 0.00 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.01 0.00 0.00	22.68 0.04 0.00	26.87 0.11 0.00	30.82 0.15 0.00	34.07 0.17 0.00	30.42 0.15 0.00	23.65 0.12 0.00	18.67 0.10 0.00	17.52 0.09 0.00	20.92 0.10 0.00	24.75 0.12 0.00	21.56 0.11 0.00	24.75 0.12 0.00	30.70 0.15 0.00	26.29 0.10 0.00	24.31 0.10 0.00	23.64 0.10 0.00	22.27 0.07 0.00	21.31 0.04 0.00

JENNISON___1 23625	24.33 1.02 0.00	20.97 0.84 0.00	18.86 0.75 0.00	16.82 0.67 0.00	17.33 0.71 0.00	20.97 0.96 0.00	23.97 1.33 0.00	28.40 1.64 0.00	32.44 1.77 0.00	35.87 1.97 0.00	32.66 1.68 -0.71	30.22 1.25 -5.45	24.60 0.90 -5.13	24.60 0.82 -6.34	25.60 1.00 -3.79	27.53 1.16 -1.75	25.47 1.10 -2.92	27.14 1.32 -1.20	31.95 1.67 0.26	27.91 1.48 -0.24	25.58 1.37 0.00	24.86 1.32 0.00	23.29 1.09 0.00	22.23 0.96 0.00
JENNISON___2 23626	24.33 1.02 0.00	20.97 0.84 0.00	18.86 0.75 0.00	16.82 0.67 0.00	17.33 0.71 0.00	20.97 0.96 0.00	23.97 1.33 0.00	28.40 1.64 0.00	32.44 1.77 0.00	35.87 1.97 0.00	32.66 1.68 -0.71	30.22 1.25 -5.45	24.60 0.90 -5.13	24.60 0.82 -6.34	25.60 1.00 -3.79	27.53 1.16 -1.75	25.47 1.10 -2.92	27.14 1.32 -1.20	31.95 1.67 0.26	27.91 1.48 -0.24	25.58 1.37 0.00	24.86 1.32 0.00	23.29 1.09 0.00	22.23 0.96 0.00
JERICHO_RISE_WT_PWR 323719	23.87 0.56 0.00	20.58 0.46 0.00	18.45 0.34 0.00	16.37 0.22 0.00	16.79 0.17 0.00	20.15 0.14 0.00	22.59 -0.05 0.00	26.94 0.18 0.00	30.97 0.30 0.00	34.09 0.18 0.00	30.42 0.15 0.00	23.68 0.15 0.00	18.69 0.11 0.00	17.55 0.12 0.00	20.90 0.09 0.00	24.71 0.08 0.00	21.55 0.09 0.00	24.71 0.08 0.00	30.73 0.19 0.00	26.38 0.20 0.00	24.34 0.13 0.00	23.59 0.05 0.00	22.17 -0.03 0.00	21.39 0.12 0.00
KATONAH___115KV_46KV_TB4 355592	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.75 0.73 0.00	23.69 1.05 0.00	28.22 1.46 0.00	32.46 1.78 0.00	35.94 2.04 0.00	34.16 1.97 -1.92	39.94 1.55 -14.86	34.22 1.23 -14.42	35.72 1.15 -17.13	32.65 1.41 -10.43	31.04 1.70 -4.72	31.03 1.49 -8.09	30.56 1.72 -4.22	33.95 2.10 -1.30	29.45 1.79 -1.48	25.85 1.65 0.00	25.02 1.48 0.00	23.39 1.20 0.00	22.18 0.91 0.00
KCE_NY_1 323755	24.24 0.93 0.00	20.94 0.81 0.00	18.87 0.76 0.00	16.86 0.71 0.00	17.35 0.74 0.00	20.95 0.94 0.00	23.83 1.20 0.00	28.51 1.74 0.00	32.82 2.14 0.00	36.32 2.42 0.00	35.04 2.32 -2.45	44.31 1.78 -19.01	38.47 1.40 -18.49	40.65 1.32 -21.90	35.75 1.59 -13.35	32.51 1.85 -6.03	33.39 1.58 -10.35	31.93 1.81 -5.49	34.69 2.27 -1.88	30.07 1.92 -1.97	25.93 1.73 0.00	25.10 1.57 0.00	23.54 1.34 0.00	22.36 1.09 0.00
KCE_NY_6_ESR 323823	23.95 0.65 0.00	20.63 0.50 0.00	18.26 0.48 0.33	16.37 0.30 0.08	17.04 0.42 0.00	20.66 0.64 0.00	23.30 0.66 0.00	27.13 0.37 0.00	30.61 -0.06 0.00	29.85 0.27 4.32	26.39 0.10 3.97	25.06 -0.24 -1.77	18.49 -0.44 -0.35	19.59 -0.39 -2.54	21.31 -0.49 -0.99	24.72 -0.60 -0.70	21.55 -0.63 -0.57	21.52 -0.63 2.48	23.55 -0.69 6.31	23.15 -0.61 2.42	23.78 -0.42 0.00	23.40 -0.14 0.00	22.19 -0.01 0.00	21.75 0.48 0.00
KEDC_PORT_JEFF_GT2 24210	29.81 1.60 -4.90	22.16 1.33 -0.70	19.34 1.23 0.00	17.33 1.18 0.00	17.83 1.21 0.00	21.48 1.47 0.00	24.62 1.98 0.00	29.02 2.25 0.00	33.42 2.75 0.00	37.00 3.10 0.00	35.08 2.92 -1.89	40.45 2.33 -14.59	34.62 1.84 -14.20	36.06 1.76 -16.86	33.55 2.16 -10.58	32.41 2.59 -5.20	31.71 2.18 -8.07	77.01 2.56 -49.83	59.68 3.18 -25.95	32.40 2.82 -3.40	26.83 2.57 -0.06	25.87 2.33 0.00	24.20 2.01 0.00	22.96 1.69 0.00
KEDC_PORT_JEFF_GT3 24211	29.81 1.60 -4.90	22.16 1.33 -0.70	19.34 1.23 0.00	17.33 1.18 0.00	17.83 1.21 0.00	21.48 1.47 0.00	24.62 1.98 0.00	29.02 2.25 0.00	33.42 2.75 0.00	37.00 3.10 0.00	35.08 2.92 -1.89	40.45 2.33 -14.59	34.62 1.84 -14.20	36.06 1.76 -16.86	33.55 2.16 -10.58	32.41 2.59 -5.20	31.71 2.18 -8.07	77.01 2.56 -49.83	59.68 3.18 -25.95	32.40 2.82 -3.40	26.83 2.57 -0.06	25.87 2.33 0.00	24.20 2.01 0.00	22.96 1.69 0.00
KEDC_GLWD_GT4 24219	49.98 1.08 -25.60	24.69 0.90 -3.66	18.97 0.86 0.00	16.97 0.82 0.00	17.44 0.82 0.00	21.02 1.00 0.00	24.01 1.37 0.00	28.50 1.74 0.00	32.77 2.09 0.00	36.22 2.31 0.00	34.28 2.13 -1.89	39.90 1.76 -14.61	34.19 1.42 -14.20	35.61 1.31 -16.86	33.01 1.61 -10.58	31.85 2.04 -5.20	31.30 1.77 -8.07	76.49 2.04 -49.83	58.95 2.46 -25.95	31.53 1.95 -3.40	26.08 1.82 -0.06	25.32 1.78 0.00	23.66 1.47 0.00	22.42 1.15 0.00
KEDC_GLWD_GT5 24220	49.98 1.08 -25.60	24.69 0.90 -3.66	18.97 0.86 0.00	16.97 0.82 0.00	17.44 0.82 0.00	21.02 1.00 0.00	24.01 1.37 0.00	28.50 1.74 0.00	32.77 2.09 0.00	36.22 2.31 0.00	34.28 2.13 -1.89	39.90 1.76 -14.61	34.19 1.42 -14.20	35.61 1.31 -16.86	33.01 1.61 -10.58	31.85 2.04 -5.20	31.30 1.77 -8.07	76.49 2.04 -49.83	58.95 2.46 -25.95	31.53 1.95 -3.40	26.08 1.82 -0.06	25.32 1.78 0.00	23.66 1.47 0.00	22.42 1.15 0.00
KENSICO____ 23655	23.97 0.66 0.00	20.71 0.58 0.00	18.69 0.58 0.00	16.71 0.56 0.00	17.17 0.55 0.00	20.68 0.67 0.00	23.62 0.98 0.00	28.12 1.35 0.00	32.31 1.63 0.00	35.78 1.87 0.00	33.98 1.83 -1.88	39.55 1.44 -14.58	33.88 1.15 -14.15	35.33 1.08 -16.81	32.38 1.34 -10.24	30.85 1.60 -4.63	30.79 1.40 -7.93	30.37 1.61 -4.14	33.77 1.95 -1.27	29.29 1.66 -1.45	25.75 1.54 0.00	24.93 1.39 0.00	23.33 1.13 0.00	22.13 0.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.02 0.72 0.00	20.75 0.62 0.00	18.72 0.61 0.00	16.71 0.56 0.00	17.18 0.56 0.00	20.71 0.70 0.00	23.67 1.04 0.00	28.18 1.41 0.00	32.37 1.70 0.00	35.86 1.96 0.00	33.90 1.89 -1.74	38.48 1.48 -13.47	32.64 0.99 -13.07	33.90 0.93 -15.54	31.37 1.10 -9.46	30.24 1.33 -4.28	29.99 1.21 -7.33	29.87 1.43 -3.82	33.47 1.77 -1.16	29.06 1.55 -1.33	25.83 1.62 0.00	24.99 1.45 0.00	23.37 1.18 0.00	22.17 0.90 0.00
KIAC_JFK_GT1 23816	24.05 0.74 0.00	20.80 0.66 0.00	18.77 0.66 0.00	16.79 0.64 0.00	17.27 0.65 0.00	20.78 0.77 0.00	23.75 1.11 0.00	28.32 1.56 0.00	32.50 1.83 0.00	36.02 2.12 0.00	34.08 1.93 -1.89	39.67 1.49 -14.66	33.90 1.13 -14.19	35.37 1.07 -16.86	32.41 1.33 -10.26	30.87 1.61 -4.64	30.81 1.40 -7.95	30.37 1.60 -4.15	33.70 1.87 -1.28	29.28 1.65 -1.45	25.73 1.53 0.00	24.88 1.34 0.00	23.43 1.24 0.00	22.21 0.94 0.00
KIAC_JFK_GT2 23817	24.05 0.74 0.00	20.80 0.66 0.00	18.77 0.66 0.00	16.79 0.64 0.00	17.27 0.65 0.00	20.78 0.77 0.00	23.75 1.11 0.00	28.32 1.56 0.00	32.50 1.83 0.00	36.02 2.12 0.00	34.08 1.93 -1.89	39.67 1.49 -14.66	33.90 1.13 -14.19	35.37 1.07 -16.86	32.41 1.33 -10.26	30.87 1.61 -4.64	30.81 1.40 -7.95	30.37 1.60 -4.15	33.70 1.87 -1.28	29.28 1.65 -1.45	25.73 1.53 0.00	24.88 1.34 0.00	23.43 1.24 0.00	22.21 0.94 0.00
KIAC_JFK____ 323774	24.05 0.74 0.00	20.80 0.66 0.00	18.77 0.66 0.00	16.79 0.64 0.00	17.27 0.65 0.00	20.78 0.77 0.00	23.75 1.11 0.00	28.32 1.56 0.00	32.51 1.83 0.00	36.02 2.12 0.00	34.08 1.93 -1.89	39.67 1.49 -14.66	33.89 1.13 -14.19	35.37 1.07 -16.86	32.41 1.33 -10.26	30.87 1.61 -4.64	30.81 1.40 -7.95	30.36 1.59 -4.15	33.69 1.86 -1.28	29.28 1.65 -1.45	25.73 1.53 0.00	24.88 1.34 0.00	23.43 1.24 0.00	22.21 0.94 0.00

KINTIGH____ 23543	23.57 0.26 0.00	20.32 0.19 0.00	18.30 0.19 0.00	16.22 0.07 0.00	16.79 0.17 0.00	20.34 0.33 0.00	22.90 0.26 0.00	26.67 -0.09 0.00	30.11 -0.56 0.00	33.46 -0.45 0.00	30.03 -0.52 -0.28	25.49 -0.63 -2.60	21.03 -0.72 -3.17	19.52 -0.67 -2.76	21.90 -0.86 -1.95	24.42 -0.97 -0.76	22.23 -0.82 -1.60	25.74 -1.04 -2.15	32.64 -1.21 -3.30	26.58 -1.10 -1.49	23.28 -0.92 0.00	22.86 -0.67 0.00	21.75 -0.44 0.00	21.30 0.03 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.16 0.85 0.00	20.83 0.70 0.00	18.68 0.57 0.00	16.56 0.40 0.00	16.95 0.34 0.00	20.33 0.32 0.00	22.78 0.14 0.00	27.29 0.53 0.00	31.40 0.72 0.00	34.54 0.63 0.00	30.82 0.55 0.00	23.99 0.47 0.00	18.92 0.35 0.00	17.78 0.34 0.00	21.13 0.32 0.00	24.99 0.36 0.00	21.82 0.37 0.00	25.02 0.40 0.00	31.15 0.60 0.00	26.73 0.55 0.00	24.65 0.45 0.00	23.84 0.30 0.00	22.36 0.17 0.00	21.60 0.33 0.00
LACHUTE__HYDRO 323717	24.90 1.59 0.00	21.49 1.36 0.00	19.39 1.28 0.00	17.33 1.18 0.00	17.93 1.31 0.00	21.82 1.80 0.00	24.72 2.08 0.00	30.07 3.31 0.00	35.15 4.47 0.00	38.83 4.93 0.00	37.51 4.80 -2.45	46.07 3.51 -19.03	39.88 2.79 -18.51	42.01 2.64 -21.92	37.25 3.08 -13.37	34.16 3.49 -6.04	34.98 3.16 -10.36	33.64 3.52 -5.50	36.83 4.41 -1.88	31.85 3.69 -1.98	27.30 3.10 0.00	26.28 2.75 0.00	24.42 2.23 0.00	23.21 1.94 0.00
LAWRNCV_115KV_TB1 80681	23.05 -0.26 0.00	19.88 -0.25 0.00	17.79 -0.32 0.00	15.84 -0.31 0.00	16.29 -0.33 0.00	19.62 -0.39 0.00	22.12 -0.51 0.00	26.14 -0.62 0.00	29.96 -0.72 0.00	32.97 -0.94 0.00	29.41 -0.85 0.00	22.88 -0.64 0.00	18.06 -0.51 0.00	16.98 -0.46 0.00	20.26 -0.55 0.00	23.97 -0.65 0.00	20.79 -0.67 0.00	23.95 -0.67 0.00	29.78 -0.76 0.00	25.59 -0.60 0.00	23.61 -0.59 0.00	22.95 -0.58 0.00	21.72 -0.47 0.00	21.10 -0.17 0.00
LEDERLE____ 23769	23.97 0.66 0.00	20.70 0.57 0.00	18.68 0.57 0.00	16.69 0.53 0.00	17.14 0.53 0.00	20.66 0.64 0.00	23.61 0.97 0.00	28.07 1.31 0.00	32.23 1.56 0.00	35.70 1.80 0.00	33.83 1.77 -1.80	38.86 1.41 -13.93	33.23 1.14 -13.51	34.56 1.07 -16.05	31.89 1.30 -9.77	30.61 1.57 -4.42	30.42 1.39 -7.57	30.18 1.61 -3.95	33.69 1.94 -1.21	29.22 1.66 -1.38	25.73 1.52 0.00	24.92 1.39 0.00	23.32 1.12 0.00	22.13 0.86 0.00
LIGHTHSE_115KV_TB6 355974	23.72 0.41 0.00	20.42 0.29 0.00	18.37 0.26 0.00	16.36 0.21 0.00	16.86 0.24 0.00	20.39 0.38 0.00	23.18 0.55 0.00	27.29 0.53 0.00	31.04 0.37 0.00	34.17 0.26 0.00	30.53 0.09 -0.17	24.87 -0.01 -1.35	19.89 0.00 -1.31	18.98 -0.02 -1.56	21.74 -0.02 -0.95	25.06 0.01 -0.43	22.17 -0.02 -0.74	25.12 0.11 -0.39	30.95 0.28 -0.13	26.62 0.30 -0.14	24.49 0.29 0.00	23.81 0.28 0.00	22.51 0.32 0.00	21.62 0.35 0.00
LINDEN COGEN____ 23786	23.91 0.61 0.00	20.66 0.53 0.00	18.65 0.54 0.00	16.69 0.54 0.00	17.14 0.52 0.00	20.62 0.60 0.00	23.58 0.94 0.00	26.54 1.30 1.53	29.15 1.55 3.08	29.96 1.80 5.74	31.59 1.75 0.42	39.52 1.37 -14.62	33.87 1.10 -14.19	34.77 1.04 -16.30	32.37 1.29 -10.26	30.83 1.56 -4.64	30.77 1.36 -7.95	30.33 1.56 -4.15	33.70 1.88 -1.28	29.28 1.64 -1.45	25.76 1.56 0.00	24.92 1.39 0.00	23.33 1.14 0.00	22.12 0.85 0.00
LINDHRST_69_KV_BK1 356055	36.76 1.60 -11.85	23.15 1.32 -1.70	19.33 1.22 0.00	17.31 1.16 0.00	17.79 1.17 0.00	21.46 1.44 0.00	24.58 1.94 0.00	29.01 2.24 0.00	33.42 2.74 0.00	36.98 3.08 0.00	35.05 2.89 -1.89	40.41 2.30 -14.58	34.59 1.82 -14.19	36.02 1.72 -16.86	33.51 2.12 -10.58	32.37 2.55 -5.19	31.71 2.19 -8.07	76.99 2.54 -49.82	59.62 3.12 -25.95	32.32 2.74 -3.39	26.77 2.51 -0.06	25.82 2.28 0.00	24.13 1.93 0.00	22.87 1.60 0.00
LIPA_MISC_IPP 23656	29.66 1.63 -4.73	22.16 1.35 -0.68	19.38 1.27 0.00	17.37 1.21 0.00	17.86 1.24 0.00	21.51 1.50 0.00	24.66 2.02 0.00	29.05 2.29 0.00	33.45 2.78 0.00	37.05 3.15 0.00	35.13 2.98 -1.89	40.48 2.37 -14.59	34.64 1.87 -14.19	36.09 1.79 -16.86	33.57 2.18 -10.58	32.44 2.62 -5.19	31.74 2.22 -8.07	77.06 2.61 -49.82	59.73 3.24 -25.95	32.43 2.86 -3.39	26.86 2.60 -0.06	25.89 2.36 0.00	24.23 2.04 0.00	22.99 1.72 0.00
LISF__SOLAR 323691	29.78 1.67 -4.80	22.20 1.38 -0.69	19.40 1.29 0.00	17.40 1.24 0.00	17.89 1.27 0.00	21.55 1.54 0.00	24.71 2.07 0.00	29.11 2.35 0.00	33.53 2.85 0.00	37.14 3.23 0.00	35.20 3.05 -1.89	40.54 2.43 -14.59	34.68 1.91 -14.20	36.13 1.83 -16.86	33.63 2.24 -10.58	32.51 2.69 -5.20	31.80 2.27 -8.07	77.11 2.66 -49.83	59.80 3.31 -25.95	32.51 2.93 -3.40	26.92 2.66 -0.06	25.96 2.42 0.00	24.29 2.09 0.00	23.03 1.76 0.00
LITTLE FALLS__HYD 24013	22.92 -0.39 0.00	19.79 -0.34 0.00	17.86 -0.25 0.00	16.03 -0.12 0.00	16.47 -0.15 0.00	19.80 -0.21 0.00	22.67 0.03 0.00	27.29 0.53 0.00	31.56 0.88 0.00	35.01 1.11 0.00	31.42 1.15 0.00	24.41 0.88 0.00	19.26 0.68 0.00	18.03 0.60 0.00	21.44 0.63 0.00	25.42 0.80 0.00	22.13 0.68 0.00	25.27 0.65 0.00	31.35 0.80 0.00	26.76 0.57 0.00	24.82 0.62 0.00	24.09 0.55 0.00	22.45 0.26 0.00	21.23 -0.04 0.00
LITTLRIV_115KV_TB1 356100	23.29 -0.01 0.00	20.08 -0.04 0.00	17.97 -0.15 0.00	16.00 -0.15 0.00	16.46 -0.16 0.00	19.86 -0.15 0.00	22.42 -0.22 0.00	26.49 -0.28 0.00	30.29 -0.38 0.00	33.32 -0.58 0.00	29.73 -0.54 0.00	23.13 -0.40 0.00	18.24 -0.33 0.00	17.16 -0.27 0.00	20.48 -0.33 0.00	24.24 -0.38 0.00	20.98 -0.47 0.00	24.23 -0.40 0.00	30.19 -0.35 0.00	25.95 -0.23 0.00	23.94 -0.27 0.00	23.24 -0.29 0.00	21.97 -0.22 0.00	21.33 0.05 0.00
LI_NEWBRDGE__DRP 323616	25.41 1.12 -0.97	21.17 0.90 -0.14	18.96 0.85 0.00	16.98 0.83 0.00	17.45 0.83 0.00	21.03 1.02 0.00	24.05 1.41 0.00	28.44 1.68 0.00	32.72 2.05 0.00	36.21 2.30 0.00	34.37 2.21 -1.89	39.87 1.77 -14.58	34.18 1.41 -14.19	35.62 1.32 -16.86	33.04 1.65 -10.58	31.80 1.98 -5.19	31.24 1.71 -8.07	76.43 1.98 -49.82	58.89 2.40 -25.95	31.66 2.09 -3.39	26.19 1.93 -0.06	25.28 1.75 0.00	23.66 1.47 0.00	22.44 1.17 0.00
LOCKPORT_115KV_TB60_63_64 80432	23.81 0.50 0.00	20.52 0.39 0.00	18.49 0.38 0.00	16.37 0.22 0.00	16.97 0.35 0.00	20.58 0.57 0.00	23.14 0.50 0.00	26.81 0.05 0.00	30.17 -0.50 0.00	33.72 -0.18 0.00	30.31 -0.27 -0.31	24.51 -0.65 -1.63	18.06 -0.76 -0.24	19.10 -0.70 -2.36	20.82 -0.88 -0.89	24.27 -1.00 -0.65	21.11 -0.85 -0.50	21.13 -1.04 2.45	23.19 -1.19 6.17	22.79 -1.02 2.38	23.39 -0.81 0.00	22.99 -0.54 0.00	21.88 -0.31 0.00	21.54 0.27 0.00
LOCKPORT__CC1 323769	23.79 0.48 0.00	20.50 0.37 0.00	18.21 0.37 0.28	16.29 0.21 0.07	16.95 0.33 0.00	20.55 0.54 0.00	23.11 0.47 0.00	26.79 0.02 0.00	30.15 -0.53 0.00	30.00 -0.21 3.69	26.61 -0.29 3.36	24.50 -0.64 -1.62	18.03 -0.76 -0.21	19.11 -0.69 -2.37	20.83 -0.87 -0.89	24.30 -0.98 -0.65	21.12 -0.83 -0.49	21.09 -1.04 2.50	23.11 -1.16 6.28	22.72 -1.04 2.42	23.38 -0.83 0.00	22.99 -0.55 0.00	21.87 -0.32 0.00	21.52 0.25 0.00

LOCKPORT___CC2 323770	23.79 0.48 0.00	20.50 0.37 0.00	18.21 0.37 0.28	16.29 0.21 0.07	16.95 0.33 0.00	20.55 0.54 0.00	23.11 0.47 0.00	26.79 0.02 0.00	30.15 -0.53 0.00	30.00 -0.21 3.69	26.61 -0.29 3.36	24.50 -0.64 -1.62	18.03 -0.76 -0.21	19.11 -0.69 -2.37	20.83 -0.87 -0.89	24.30 -0.98 -0.65	21.12 -0.83 -0.49	21.09 -1.04 2.50	23.11 -1.16 6.28	22.72 -1.04 2.42	23.38 -0.83 0.00	22.99 -0.55 0.00	21.87 -0.32 0.00	21.52 0.25 0.00
LOCKPORT___CC3 323771	23.79 0.48 0.00	20.50 0.37 0.00	18.21 0.37 0.28	16.29 0.21 0.07	16.95 0.33 0.00	20.55 0.54 0.00	23.11 0.47 0.00	26.79 0.02 0.00	30.15 -0.53 0.00	30.00 -0.21 3.69	26.61 -0.29 3.36	24.50 -0.64 -1.62	18.03 -0.76 -0.21	19.11 -0.69 -2.37	20.83 -0.87 -0.89	24.30 -0.98 -0.65	21.12 -0.83 -0.49	21.09 -1.04 2.50	23.11 -1.16 6.28	22.72 -1.04 2.42	23.38 -0.83 0.00	22.99 -0.55 0.00	21.87 -0.32 0.00	21.52 0.25 0.00
LONG_LAKE_PHOENIX 24014	23.76 0.45 0.00	20.46 0.33 0.00	18.42 0.31 0.00	16.41 0.25 0.00	16.91 0.29 0.00	20.42 0.41 0.00	23.19 0.55 0.00	27.28 0.51 0.00	31.10 0.42 0.00	34.31 0.41 0.00	30.69 0.23 -0.20	25.19 0.13 -1.53	20.17 0.10 -1.49	19.29 0.09 -1.76	22.00 0.11 -1.08	25.27 0.16 -0.49	22.44 0.16 -0.84	25.29 0.22 -0.44	31.07 0.37 -0.15	26.67 0.33 -0.16	24.51 0.31 0.00	23.86 0.33 0.00	22.59 0.40 0.00	21.70 0.43 0.00
LOVETT___3 23632	23.85 0.54 0.00	20.60 0.47 0.00	18.59 0.48 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.56 0.55 0.00	23.48 0.85 0.00	27.92 1.16 0.00	32.06 1.39 0.00	35.50 1.60 0.00	33.67 1.60 -1.80	38.79 1.27 -13.99	33.18 1.03 -13.57	34.54 0.97 -16.13	31.82 1.19 -9.82	30.49 1.42 -4.44	30.32 1.26 -7.61	30.03 1.45 -3.97	33.51 1.75 -1.21	29.07 1.50 -1.39	25.59 1.38 0.00	24.78 1.25 0.00	23.20 1.00 0.00	22.02 0.75 0.00
LOVETT___4 23642	23.85 0.54 0.00	20.60 0.47 0.00	18.59 0.48 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.56 0.55 0.00	23.48 0.85 0.00	27.92 1.16 0.00	32.06 1.39 0.00	35.50 1.60 0.00	33.67 1.60 -1.80	38.79 1.27 -13.99	33.18 1.03 -13.57	34.54 0.97 -16.13	31.82 1.19 -9.82	30.49 1.42 -4.44	30.32 1.26 -7.61	30.03 1.45 -3.97	33.51 1.75 -1.21	29.07 1.50 -1.39	25.59 1.38 0.00	24.78 1.25 0.00	23.20 1.00 0.00	22.02 0.75 0.00
LOVETT___5 23593	23.85 0.54 0.00	20.60 0.47 0.00	18.59 0.48 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.56 0.55 0.00	23.48 0.85 0.00	27.92 1.16 0.00	32.06 1.39 0.00	35.50 1.60 0.00	33.67 1.60 -1.80	38.79 1.27 -13.99	33.18 1.03 -13.57	34.54 0.97 -16.13	31.82 1.19 -9.82	30.49 1.42 -4.44	30.32 1.26 -7.61	30.03 1.45 -3.97	33.51 1.75 -1.21	29.07 1.50 -1.39	25.59 1.38 0.00	24.78 1.25 0.00	23.20 1.00 0.00	22.02 0.75 0.00
LOWER_RAQUET___HYD 24057	22.96 -0.35 0.00	19.80 -0.33 0.00	17.72 -0.39 0.00	15.77 -0.38 0.00	16.21 -0.40 0.00	19.55 -0.46 0.00	22.05 -0.59 0.00	26.07 -0.70 0.00	29.86 -0.81 0.00	32.85 -1.06 0.00	29.30 -0.96 0.00	22.79 -0.73 0.00	18.00 -0.58 0.00	16.91 -0.53 0.00	20.18 -0.63 0.00	23.88 -0.75 0.00	20.69 -0.76 0.00	23.85 -0.77 0.00	29.68 -0.87 0.00	25.50 -0.68 0.00	23.53 -0.67 0.00	22.87 -0.67 0.00	21.66 -0.54 0.00	21.07 -0.20 0.00
LOWER___HUDSON 24059	23.77 0.46 0.00	20.57 0.44 0.00	18.55 0.45 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.54 0.53 0.00	23.33 0.69 0.00	27.91 1.15 0.00	32.17 1.50 0.00	35.63 1.72 0.00	34.36 1.68 -2.41	43.56 1.30 -18.74	37.84 1.03 -18.23	39.99 0.97 -21.59	35.15 1.17 -13.16	31.95 1.38 -5.95	32.84 1.18 -10.21	31.36 1.32 -5.41	34.06 1.66 -1.85	29.55 1.42 -1.95	25.51 1.30 0.00	24.68 1.15 0.00	23.12 0.93 0.00	21.94 0.67 0.00
LOWVILLE_115KV_TB2 356335	23.75 0.44 0.00	20.43 0.30 0.00	18.36 0.25 0.00	16.37 0.22 0.00	16.86 0.24 0.00	20.41 0.40 0.00	23.25 0.61 0.00	27.51 0.74 0.00	31.40 0.72 0.00	34.48 0.58 0.00	30.72 0.37 -0.09	24.42 0.24 -0.66	19.40 0.19 -0.64	18.35 0.15 -0.76	21.48 0.20 -0.46	25.06 0.23 -0.21	21.87 0.05 -0.36	25.18 0.36 -0.19	31.21 0.60 -0.06	26.80 0.55 -0.07	24.70 0.49 0.00	23.91 0.37 0.00	22.52 0.33 0.00	21.66 0.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.23 0.92 0.00	20.94 0.81 0.00	18.88 0.77 0.00	16.88 0.73 0.00	17.37 0.75 0.00	20.95 0.94 0.00	23.82 1.18 0.00	28.48 1.72 0.00	32.80 2.13 0.00	36.32 2.41 0.00	35.01 2.30 -2.45	44.30 1.76 -19.01	38.46 1.39 -18.49	40.64 1.30 -21.90	35.73 1.56 -13.35	32.49 1.84 -6.03	33.37 1.56 -10.35	31.90 1.79 -5.49	34.64 2.22 -1.88	30.04 1.88 -1.97	25.92 1.72 0.00	25.08 1.55 0.00	23.52 1.33 0.00	22.34 1.07 0.00
LUTHERNY_35_KV_BK2 355980	24.24 0.93 0.00	20.94 0.81 0.00	18.87 0.76 0.00	16.86 0.71 0.00	17.35 0.74 0.00	20.95 0.94 0.00	23.84 1.20 0.00	28.51 1.74 0.00	32.82 2.14 0.00	36.32 2.41 0.00	35.04 2.32 -2.45	44.31 1.78 -19.01	38.47 1.40 -18.49	40.65 1.32 -21.90	35.75 1.59 -13.35	32.51 1.85 -6.03	33.39 1.58 -10.35	31.93 1.82 -5.49	34.69 2.26 -1.88	30.08 1.92 -1.97	25.93 1.73 0.00	25.10 1.57 0.00	23.54 1.34 0.00	22.36 1.09 0.00
LWR___OSWEGATCHIE_HYD 23850	23.31 0.01 0.00	20.08 -0.05 0.00	18.01 -0.10 0.00	16.04 -0.11 0.00	16.51 -0.11 0.00	19.95 -0.06 0.00	22.63 -0.01 0.00	26.75 -0.02 0.00	30.56 -0.11 0.00	33.57 -0.33 0.00	29.96 -0.37 -0.06	23.69 -0.33 -0.49	18.80 -0.25 -0.48	17.75 -0.25 -0.56	20.86 -0.29 -0.34	24.43 -0.35 -0.15	21.30 -0.42 -0.27	24.48 -0.29 -0.14	30.38 -0.21 -0.05	26.11 -0.12 -0.05	24.07 -0.13 0.00	23.36 -0.18 0.00	22.06 -0.14 0.00	21.33 0.06 0.00
LYONS_FALL_HYD 23570	23.74 0.43 0.00	20.46 0.33 0.00	18.40 0.29 0.00	16.40 0.25 0.00	16.89 0.28 0.00	20.43 0.42 0.00	23.26 0.62 0.00	27.52 0.76 0.00	31.46 0.79 0.00	34.63 0.73 0.00	30.90 0.55 -0.08	24.55 0.40 -0.61	19.48 0.31 -0.60	18.41 0.26 -0.71	21.57 0.32 -0.43	25.19 0.37 -0.19	22.05 0.26 -0.33	25.30 0.50 -0.18	31.34 0.73 -0.06	26.89 0.64 -0.06	24.78 0.58 0.00	24.02 0.48 0.00	22.61 0.42 0.00	21.70 0.42 0.00
MADISON___COUNTY_LFGE 323628	23.87 0.56 0.00	20.59 0.46 0.00	18.52 0.42 0.00	16.51 0.36 0.00	17.02 0.40 0.00	20.56 0.55 0.00	23.41 0.77 0.00	27.66 0.90 0.00	31.64 0.97 0.00	34.92 1.01 0.00	31.19 0.80 -0.13	25.19 0.65 -1.02	20.02 0.46 -0.99	19.01 0.40 -1.18	22.00 0.47 -0.72	25.54 0.60 -0.32	22.56 0.55 -0.55	25.64 0.72 -0.29	31.61 0.97 -0.10	27.12 0.83 -0.11	24.96 0.76 0.00	24.24 0.71 0.00	22.82 0.63 0.00	21.84 0.57 0.00
MALONE___115KV_TB1 356076	23.87 0.56 0.00	20.58 0.45 0.00	18.44 0.33 0.00	16.37 0.21 0.00	16.80 0.18 0.00	20.19 0.18 0.00	22.70 0.07 0.00	27.06 0.30 0.00	31.05 0.38 0.00	34.15 0.24 0.00	30.46 0.19 0.00	23.71 0.19 0.00	18.70 0.12 0.00	17.57 0.14 0.00	20.94 0.13 0.00	24.76 0.13 0.00	21.57 0.11 0.00	24.74 0.11 0.00	30.84 0.30 0.00	26.50 0.31 0.00	24.45 0.25 0.00	23.70 0.17 0.00	22.29 0.09 0.00	21.54 0.27 0.00

MAPLEWOD_115KV_TB3 80458	23.60 0.30 0.00	20.43 0.30 0.00	18.43 0.32 0.00	16.48 0.33 0.00	16.95 0.33 0.00	20.38 0.37 0.00	23.16 0.52 0.00	27.67 0.91 0.00	31.92 1.25 0.00	35.41 1.51 0.00	34.10 1.45 -2.39	43.18 1.12 -18.53	37.52 0.91 -18.03	39.64 0.85 -21.35	34.86 1.03 -13.02	31.72 1.22 -5.88	32.60 1.05 -10.09	31.16 1.19 -5.35	33.87 1.49 -1.83	29.40 1.30 -1.92	25.36 1.16 0.00	24.53 1.00 0.00	22.97 0.78 0.00	21.79 0.52 0.00
MAPLE_RIDGE_WT_1 323574	23.28 -0.03 0.00	20.04 -0.08 0.00	18.09 -0.02 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.02 0.00 0.00	22.68 0.04 0.00	26.87 0.11 0.00	30.80 0.12 0.00	34.04 0.14 0.00	30.39 0.12 0.00	23.62 0.10 0.00	18.65 0.07 0.00	17.51 0.07 0.00	20.89 0.08 0.00	24.72 0.10 0.00	21.46 0.01 0.00	24.65 0.02 0.00	30.60 0.05 0.00	26.07 -0.11 0.00	24.06 -0.14 0.00	23.51 -0.02 0.00	22.16 -0.03 0.00	21.28 0.01 0.00
MAPLE_RIDGE_WT_2 323611	23.28 -0.03 0.00	20.04 -0.08 0.00	18.09 -0.02 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.02 0.00 0.00	22.68 0.04 0.00	26.87 0.11 0.00	30.80 0.12 0.00	34.04 0.14 0.00	30.39 0.12 0.00	23.62 0.10 0.00	18.65 0.07 0.00	17.51 0.07 0.00	20.89 0.08 0.00	24.72 0.10 0.00	21.46 0.01 0.00	24.65 0.02 0.00	30.60 0.05 0.00	26.07 -0.11 0.00	24.06 -0.14 0.00	23.51 -0.02 0.00	22.16 -0.03 0.00	21.28 0.01 0.00
MARBLE_RIVER_WT_PWR 323696	23.91 0.60 0.00	20.63 0.49 0.00	18.50 0.39 0.00	16.41 0.25 0.00	16.81 0.19 0.00	20.17 0.16 0.00	22.61 -0.03 0.00	27.00 0.24 0.00	31.05 0.37 0.00	34.17 0.27 0.00	30.50 0.23 0.00	23.73 0.20 0.00	18.73 0.15 0.00	17.59 0.16 0.00	20.94 0.13 0.00	24.75 0.13 0.00	21.59 0.14 0.00	24.76 0.14 0.00	30.79 0.25 0.00	26.43 0.25 0.00	24.38 0.18 0.00	23.62 0.09 0.00	22.19 -0.01 0.00	21.42 0.15 0.00
MARSHVLE_115KV_TB1 80742	25.49 2.18 0.00	21.90 1.77 0.00	19.66 1.55 0.00	17.44 1.29 0.00	17.95 1.34 0.00	21.73 1.72 0.00	24.72 2.08 0.00	29.01 2.25 0.00	33.00 2.32 0.00	36.31 2.40 0.00	34.91 2.17 -2.47	44.31 1.59 -19.20	38.42 1.17 -18.67	40.54 0.99 -22.12	35.47 1.17 -13.48	32.15 1.43 -6.09	33.28 1.37 -10.45	31.82 1.65 -5.54	34.51 2.07 -1.90	29.92 1.75 -1.99	25.74 1.54 0.00	25.18 1.64 0.00	23.83 1.64 0.00	22.95 1.67 0.00
MARSH_HILL_WT_PWR 323713	24.10 0.79 0.00	20.76 0.63 0.00	18.68 0.57 0.00	16.59 0.43 0.00	17.09 0.47 0.00	20.45 0.44 0.00	23.41 0.77 0.00	27.44 0.68 0.00	30.91 0.24 0.00	33.87 0.58 0.62	30.33 0.27 0.21	26.31 0.00 -2.79	20.48 -0.16 -2.07	20.74 -0.14 -3.45	22.50 -0.15 -1.84	25.20 -0.37 -0.95	22.53 -0.26 -1.33	23.60 -0.42 0.60	27.20 -0.57 2.77	24.91 -0.33 0.94	23.93 -0.28 0.00	23.59 0.05 0.00	22.14 -0.06 0.00	21.70 0.42 0.00
MCINTYRE_115KV_TB2 80467	23.53 0.22 0.00	20.29 0.16 0.00	18.14 0.03 0.00	16.16 0.01 0.00	16.63 0.01 0.00	20.06 0.05 0.00	22.65 0.01 0.00	26.73 -0.03 0.00	30.52 -0.15 0.00	33.56 -0.34 0.00	29.94 -0.33 0.00	23.29 -0.24 0.00	18.37 -0.20 0.00	17.29 -0.14 0.00	20.63 -0.18 0.00	24.43 -0.19 0.00	21.13 -0.32 0.00	24.45 -0.17 0.00	30.49 -0.06 0.00	26.21 0.03 0.00	24.18 -0.02 0.00	23.48 -0.05 0.00	22.16 -0.03 0.00	21.46 0.19 0.00
MECO____69_KV_BK1 80468	25.78 2.47 0.00	22.17 2.04 0.00	19.92 1.81 0.00	17.71 1.56 0.00	18.25 1.64 0.00	22.14 2.13 0.00	25.31 2.68 0.00	29.89 3.13 0.00	34.17 3.49 0.00	37.53 3.63 0.00	36.03 3.29 -2.47	44.99 2.26 -19.20	38.89 1.64 -18.67	41.09 1.54 -22.12	36.20 1.91 -13.48	33.16 2.44 -6.09	34.09 2.18 -10.45	32.85 2.68 -5.54	35.83 3.39 -1.90	31.07 2.89 -1.99	26.77 2.57 0.00	26.07 2.54 0.00	24.52 2.32 0.00	23.42 2.15 0.00
MENANDS__115KV_TB5 355628	23.45 0.14 0.00	20.30 0.16 0.00	18.31 0.20 0.00	16.39 0.23 0.00	16.85 0.23 0.00	20.25 0.24 0.00	23.00 0.36 0.00	27.48 0.71 0.00	31.67 0.99 0.00	35.09 1.19 0.00	33.84 1.19 -2.39	43.01 0.92 -18.56	37.38 0.75 -18.05	39.52 0.70 -21.38	34.70 0.86 -13.04	31.52 1.01 -5.89	32.43 0.87 -10.11	30.95 0.96 -5.36	33.59 1.21 -1.83	29.17 1.06 -1.93	25.15 0.95 0.00	24.34 0.80 0.00	22.80 0.60 0.00	21.63 0.36 0.00
MG INDUSTRY__DRP 24185	23.62 0.31 0.00	20.44 0.31 0.00	18.43 0.33 0.00	16.48 0.33 0.00	16.95 0.34 0.00	20.39 0.38 0.00	23.16 0.52 0.00	27.60 0.83 0.00	31.75 1.07 0.00	35.16 1.26 0.00	33.84 1.23 -2.34	42.69 0.96 -18.20	37.06 0.78 -17.71	39.13 0.72 -20.97	34.48 0.88 -12.78	31.44 1.04 -5.78	32.26 0.90 -9.91	30.90 1.02 -5.26	33.61 1.27 -1.80	29.17 1.10 -1.89	25.18 0.98 0.00	24.38 0.85 0.00	22.86 0.67 0.00	21.73 0.46 0.00
MID__OSWEGATCHIE_HYD 23849	23.31 0.01 0.00	20.08 -0.05 0.00	18.01 -0.10 0.00	16.04 -0.11 0.00	16.51 -0.11 0.00	19.95 -0.06 0.00	22.63 -0.01 0.00	26.75 -0.02 0.00	30.56 -0.11 0.00	33.57 -0.33 0.00	29.96 -0.37 -0.06	23.69 -0.33 -0.49	18.80 -0.25 -0.48	17.75 -0.25 -0.56	20.86 -0.29 -0.34	24.43 -0.35 -0.15	21.30 -0.42 -0.27	24.48 -0.29 -0.14	30.38 -0.21 -0.05	26.11 -0.12 -0.05	24.07 -0.13 0.00	23.36 -0.18 0.00	22.06 -0.14 0.00	21.33 0.06 0.00
MID__RAQUETTE_HYD 23851	22.96 -0.35 0.00	19.80 -0.33 0.00	17.72 -0.39 0.00	15.77 -0.38 0.00	16.22 -0.40 0.00	19.55 -0.46 0.00	22.05 -0.59 0.00	26.06 -0.70 0.00	29.86 -0.81 0.00	32.85 -1.06 0.00	29.30 -0.96 0.00	22.79 -0.73 0.00	18.00 -0.58 0.00	16.91 -0.53 0.00	20.18 -0.63 0.00	23.88 -0.74 0.00	20.70 -0.76 0.00	23.86 -0.77 0.00	29.68 -0.87 0.00	25.50 -0.68 0.00	23.53 -0.67 0.00	22.86 -0.67 0.00	21.66 -0.54 0.00	21.07 -0.20 0.00
MILLIKEN__1 23584	23.85 0.54 0.00	20.59 0.46 0.00	18.52 0.41 0.00	16.50 0.35 0.00	16.99 0.37 0.00	20.51 0.50 0.00	23.34 0.70 0.00	27.54 0.77 0.00	31.36 0.68 0.00	34.62 0.72 0.00	31.20 0.53 -0.41	26.95 0.33 -3.09	21.65 0.21 -2.87	21.26 0.21 -3.61	23.19 0.23 -2.15	25.98 0.36 -0.99	23.49 0.39 -1.65	25.71 0.49 -0.60	30.84 0.62 0.32	26.81 0.56 -0.07	24.75 0.54 0.00	24.09 0.56 0.00	22.73 0.53 0.00	21.76 0.49 0.00
MILLIKEN__2 23585	23.85 0.54 0.00	20.59 0.46 0.00	18.52 0.41 0.00	16.50 0.35 0.00	16.99 0.37 0.00	20.51 0.50 0.00	23.34 0.70 0.00	27.54 0.77 0.00	31.36 0.68 0.00	34.62 0.72 0.00	31.20 0.53 -0.41	26.95 0.33 -3.09	21.65 0.21 -2.87	21.26 0.21 -3.61	23.19 0.23 -2.15	25.98 0.36 -0.99	23.49 0.39 -1.65	25.71 0.49 -0.60	30.84 0.62 0.32	26.81 0.56 -0.07	24.75 0.54 0.00	24.09 0.56 0.00	22.73 0.53 0.00	21.76 0.49 0.00
MILLIKEN__DIESEL 23629	23.85 0.54 0.00	20.59 0.46 0.00	18.52 0.41 0.00	16.50 0.35 0.00	16.99 0.37 0.00	20.51 0.50 0.00	23.34 0.70 0.00	27.54 0.77 0.00	31.36 0.68 0.00	34.62 0.72 0.00	31.20 0.53 -0.41	26.95 0.33 -3.09	21.65 0.21 -2.87	21.26 0.21 -3.61	23.19 0.23 -2.15	25.98 0.36 -0.99	23.49 0.39 -1.65	25.71 0.49 -0.60	30.84 0.62 0.32	26.81 0.56 -0.07	24.75 0.54 0.00	24.09 0.56 0.00	22.73 0.53 0.00	21.76 0.49 0.00

MILLSEAT___LFGE 323607	24.16 0.85 0.00	20.82 0.69 0.00	18.51 0.65 0.25	16.55 0.45 0.06	17.21 0.60 0.00	20.90 0.89 0.00	23.58 0.94 0.00	27.40 0.64 0.00	30.85 0.17 0.00	30.98 0.47 3.39	27.51 0.32 3.07	25.02 -0.19 -1.68	18.69 -0.37 -0.49	19.47 -0.32 -2.35	21.36 -0.42 -0.97	24.81 -0.46 -0.65	21.67 -0.37 -0.59	22.18 -0.44 2.01	24.93 -0.37 5.25	23.87 -0.31 2.00	24.02 -0.18 0.00	23.55 0.02 0.00	22.37 0.17 0.00	21.93 0.66 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.92 0.61 0.00	20.67 0.54 0.00	18.66 0.55 0.00	16.68 0.53 0.00	17.14 0.52 0.00	20.64 0.62 0.00	23.57 0.93 0.00	28.05 1.29 0.00	32.23 1.55 0.00	35.69 1.79 0.00	33.89 1.75 -1.87	39.42 1.38 -14.51	33.76 1.10 -14.08	35.20 1.04 -16.73	32.28 1.28 -10.18	30.77 1.54 -4.61	30.70 1.35 -7.89	30.29 1.55 -4.12	33.68 1.87 -1.27	29.23 1.61 -1.44	25.69 1.49 0.00	24.87 1.34 0.00	23.28 1.08 0.00	22.08 0.81 0.00
MILLWOOD_13_KV_LOAD 356217	23.98 0.67 0.00	20.72 0.58 0.00	18.70 0.59 0.00	16.71 0.56 0.00	17.18 0.56 0.00	20.68 0.67 0.00	23.62 0.98 0.00	28.13 1.36 0.00	32.31 1.64 0.00	35.79 1.89 0.00	33.98 1.84 -1.87	39.49 1.45 -14.51	33.81 1.16 -14.08	35.26 1.09 -16.73	32.34 1.34 -10.18	30.83 1.60 -4.61	30.75 1.41 -7.89	30.36 1.62 -4.12	33.77 1.96 -1.27	29.30 1.68 -1.44	25.75 1.55 0.00	24.93 1.39 0.00	23.33 1.14 0.00	22.13 0.86 0.00
MODEL_CITY_ENERGY 24167	23.56 0.25 0.00	20.33 0.20 0.00	18.04 0.22 0.29	16.15 0.07 0.07	16.81 0.19 0.00	20.38 0.36 0.00	22.88 0.25 0.00	26.47 -0.30 0.00	29.77 -0.90 0.00	29.52 -0.55 3.83	26.18 -0.58 3.50	24.20 -0.93 -1.60	17.72 -1.00 -0.15	18.87 -0.92 -2.36	20.54 -1.13 -0.86	23.98 -1.29 -0.65	20.82 -1.10 -0.47	20.67 -1.35 2.60	22.50 -1.55 6.49	22.30 -1.38 2.51	23.07 -1.13 0.00	22.69 -0.85 0.00	21.62 -0.58 0.00	21.30 0.03 0.00
MODERN_LFGE___ 323580	23.56 0.25 0.00	20.33 0.20 0.00	18.04 0.22 0.29	16.15 0.07 0.07	16.81 0.19 0.00	20.38 0.36 0.00	22.88 0.25 0.00	26.47 -0.30 0.00	29.77 -0.90 0.00	29.52 -0.55 3.83	26.18 -0.58 3.50	24.20 -0.93 -1.60	17.72 -1.00 -0.15	18.87 -0.92 -2.36	20.54 -1.13 -0.86	23.98 -1.29 -0.65	20.82 -1.10 -0.47	20.67 -1.35 2.60	22.50 -1.55 6.49	22.30 -1.38 2.51	23.07 -1.13 0.00	22.69 -0.85 0.00	21.62 -0.58 0.00	21.30 0.03 0.00
MOHAWK_PAPER___DRP 24187	23.60 0.30 0.00	20.43 0.30 0.00	18.43 0.32 0.00	16.48 0.33 0.00	16.95 0.33 0.00	20.38 0.37 0.00	23.16 0.52 0.00	27.67 0.91 0.00	31.92 1.25 0.00	35.41 1.51 0.00	34.10 1.45 -2.39	43.18 1.12 -18.53	37.52 0.91 -18.03	39.64 0.85 -21.35	34.86 1.03 -13.02	31.72 1.22 -5.88	32.60 1.05 -10.09	31.16 1.19 -5.35	33.87 1.49 -1.83	29.40 1.30 -1.92	25.36 1.16 0.00	24.53 1.00 0.00	22.97 0.78 0.00	21.79 0.52 0.00
MOHICAN___35_KV_115KV_LD 80490	24.47 1.17 0.00	21.14 1.01 0.00	19.06 0.95 0.00	17.03 0.88 0.00	17.55 0.93 0.00	21.22 1.21 0.00	24.12 1.48 0.00	28.98 2.22 0.00	33.49 2.81 0.00	37.08 3.18 0.00	35.75 3.03 -2.45	44.84 2.29 -19.02	38.89 1.81 -18.50	41.04 1.69 -21.91	36.18 2.01 -13.36	32.98 2.32 -6.04	33.78 1.96 -10.36	32.35 2.23 -5.49	35.15 2.72 -1.88	30.43 2.27 -1.98	26.29 2.09 0.00	25.40 1.86 0.00	23.81 1.62 0.00	22.62 1.35 0.00
MONGAUP___HYD 23641	23.89 0.57 0.00	20.63 0.50 0.00	18.60 0.49 0.00	16.61 0.46 0.00	17.08 0.46 0.00	20.59 0.58 0.00	23.50 0.87 0.00	27.96 1.20 0.00	32.13 1.45 0.00	35.57 1.67 0.00	33.53 1.58 -1.68	37.77 1.25 -13.00	32.16 0.98 -12.61	33.34 0.91 -14.99	31.01 1.08 -9.12	30.05 1.30 -4.13	29.71 1.18 -7.07	29.71 1.41 -3.68	33.39 1.73 -1.11	28.98 1.52 -1.28	25.63 1.43 0.00	24.73 1.19 0.00	23.15 0.96 0.00	21.98 0.70 0.00
MONTAUK___DIESEL 23721	30.53 2.48 -4.75	22.90 2.09 -0.68	20.05 1.94 0.00	17.97 1.82 0.00	18.50 1.88 0.00	22.31 2.30 0.00	25.63 2.99 0.00	30.19 3.42 0.00	34.79 4.11 0.00	38.66 4.76 0.00	36.61 4.46 -1.89	41.62 3.51 -14.59	35.48 2.71 -14.19	36.90 2.60 -16.86	34.52 3.13 -10.58	33.54 3.73 -5.19	32.70 3.18 -8.07	78.07 3.63 -49.82	61.01 4.52 -25.95	33.51 3.94 -3.39	27.81 3.55 -0.06	26.77 3.24 0.00	24.99 2.80 0.00	23.67 2.40 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.32 1.02 0.00	20.93 0.79 0.00	18.88 0.77 0.00	16.72 0.57 0.00	17.30 0.68 0.00	21.02 1.01 0.00	23.83 1.20 0.00	27.89 1.13 0.00	31.45 0.77 0.00	35.05 1.15 0.00	31.41 0.79 -0.35	25.74 0.26 -1.96	19.05 -0.15 -0.63	20.07 -0.08 -2.72	21.86 -0.09 -1.14	25.17 -0.20 -0.75	21.95 -0.21 -0.70	21.94 -0.47 2.21	24.53 -0.18 5.83	23.77 -0.19 2.22	24.29 0.08 0.00	23.99 0.45 0.00	22.54 0.35 0.00	22.03 0.76 0.00
MORTIMER_115KV_TB3 55949	24.10 0.79 0.00	20.75 0.62 0.00	18.69 0.58 0.00	16.57 0.42 0.00	17.16 0.54 0.00	20.79 0.78 0.00	23.54 0.90 0.00	27.52 0.75 0.00	31.10 0.43 0.00	34.42 0.52 0.00	30.88 0.34 -0.27	25.47 0.04 -1.90	20.00 -0.11 -1.53	19.67 -0.08 -2.31	21.95 -0.14 -1.28	25.12 -0.14 -0.64	22.27 -0.14 -0.95	24.43 -0.05 0.14	29.30 0.07 1.31	25.89 0.11 0.41	24.36 0.15 0.00	23.79 0.26 0.00	22.55 0.36 0.00	21.94 0.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.05 0.74 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.75 0.73 0.00	23.71 1.07 0.00	28.24 1.48 0.00	32.45 1.77 0.00	35.93 2.03 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	33.99 1.23 -14.19	35.45 1.16 -16.86	32.51 1.44 -10.26	30.99 1.73 -4.64	30.91 1.50 -7.95	30.49 1.72 -4.15	33.89 2.06 -1.28	29.41 1.78 -1.45	25.87 1.66 0.00	25.03 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
MUNSVILLE_WIND_PWR 323609	24.92 1.61 0.00	21.44 1.31 0.00	19.35 1.18 -0.06	17.21 1.05 -0.02	17.73 1.11 0.00	21.53 1.52 0.00	24.68 2.04 0.00	29.24 2.47 0.00	33.32 2.64 0.00	37.71 2.88 -0.92	34.27 2.46 -1.55	30.10 1.77 -4.81	24.35 1.26 -4.51	24.23 1.19 -5.60	25.58 1.42 -3.35	27.82 1.66 -1.54	25.54 1.51 -2.57	27.50 1.86 -1.02	32.64 2.41 0.32	28.50 2.13 -0.18	26.17 1.97 0.00	25.42 1.89 0.00	23.78 1.59 0.00	22.64 1.36 0.00
N SALMON___HYD 24042	23.87 0.56 0.00	20.58 0.45 0.00	18.44 0.33 0.00	16.37 0.21 0.00	16.80 0.18 0.00	20.20 0.18 0.00	22.70 0.07 0.00	27.06 0.30 0.00	31.05 0.38 0.00	34.15 0.24 0.00	30.46 0.19 0.00	23.71 0.19 0.00	18.70 0.13 0.00	17.57 0.14 0.00	20.95 0.13 0.00	24.76 0.13 0.00	21.57 0.11 0.00	24.74 0.11 0.00	30.84 0.30 0.00	26.50 0.32 0.00	24.45 0.25 0.00	23.70 0.17 0.00	22.29 0.09 0.00	21.54 0.27 0.00
N.AKRON___115KV_KNAPP 355671	24.08 0.78 0.00	20.76 0.63 0.00	18.69 0.58 0.00	16.56 0.40 0.00	17.17 0.55 0.00	20.83 0.82 0.00	23.48 0.84 0.00	27.26 0.50 0.00	30.67 0.00 0.00	34.22 0.31 0.00	30.77 0.19 -0.31	24.89 -0.30 -1.66	18.53 -0.43 -0.38	19.37 -0.43 -2.36	21.19 -0.55 -0.94	24.66 -0.61 -0.65	21.49 -0.51 -0.55	21.80 -0.62 2.21	24.26 -0.63 5.66	23.49 -0.52 2.17	23.84 -0.36 0.00	23.40 -0.14 0.00	22.23 0.04 0.00	21.83 0.56 0.00

N.BELMOR_69_KV_BK1 55787	52.30 1.30 -27.68	25.16 1.06 -3.96	19.11 1.00 0.00	17.10 0.95 0.00	17.57 0.96 0.00	21.19 1.17 0.00	24.24 1.59 0.00	28.67 1.90 0.00	32.99 2.32 0.00	36.49 2.59 0.00	34.62 2.46 -1.89	40.06 1.95 -14.58	34.33 1.55 -14.19	35.76 1.45 -16.86	33.21 1.82 -10.58	31.98 2.16 -5.19	31.41 1.88 -8.07	76.64 2.20 -49.82	59.18 2.68 -25.95	31.88 2.31 -3.39	26.40 2.13 -0.06	25.48 1.94 0.00	23.84 1.64 0.00	22.58 1.31 0.00
N.E_GEN_SANDY PD 24062	23.62 0.31 0.00	20.45 0.33 0.00	18.49 0.38 0.00	16.56 0.40 0.00	17.00 0.39 0.00	20.43 0.42 0.00	22.20 0.57 1.01	31.89 1.01 -4.11	32.02 1.35 0.00	35.47 1.57 0.00	34.56 1.55 -2.74	41.95 1.21 -17.22	37.64 0.96 -18.11	44.34 0.90 -26.01	36.29 1.10 -14.38	31.05 1.30 -5.13	33.20 1.13 -10.62	30.76 1.27 -4.86	34.00 1.57 -1.88	30.83 1.37 -3.27	25.45 1.25 0.00	24.62 1.08 0.00	23.24 0.84 -0.21	21.94 0.55 -0.12
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.90 0.59 0.00	20.64 0.51 0.00	18.62 0.52 0.00	16.64 0.49 0.00	17.09 0.48 0.00	20.59 0.58 0.00	23.53 0.89 0.00	27.98 1.21 0.00	32.12 1.44 0.00	35.57 1.66 0.00	33.72 1.65 -1.80	38.80 1.32 -13.96	33.19 1.07 -13.54	34.53 1.00 -16.09	31.84 1.23 -9.80	30.53 1.47 -4.43	30.35 1.31 -7.59	30.08 1.51 -3.96	33.57 1.82 -1.21	29.12 1.55 -1.38	25.63 1.43 0.00	24.83 1.30 0.00	23.24 1.04 0.00	22.06 0.79 0.00
N.QUEENS_27_KV_LOAD 356247	24.05 0.75 0.00	20.79 0.66 0.00	18.79 0.68 0.00	16.80 0.65 0.00	17.27 0.65 0.00	20.73 0.72 0.00	23.75 1.11 0.00	28.28 1.51 0.00	32.47 1.80 0.00	35.95 2.05 0.00	34.14 1.98 -1.89	39.69 1.52 -14.64	34.02 1.25 -14.19	35.46 1.17 -16.86	32.53 1.46 -10.26	30.99 1.73 -4.64	30.89 1.49 -7.95	30.48 1.72 -4.15	33.89 2.07 -1.28	29.43 1.79 -1.45	25.90 1.70 0.00	25.08 1.54 0.00	23.46 1.27 0.00	22.26 0.99 0.00
N.TROY___115KV_TB1 355778	23.77 0.46 0.00	20.57 0.44 0.00	18.56 0.45 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.54 0.53 0.00	23.33 0.69 0.00	27.91 1.15 0.00	32.17 1.50 0.00	35.63 1.72 0.00	34.36 1.68 -2.41	43.56 1.29 -18.74	37.84 1.04 -18.23	39.99 0.97 -21.59	35.15 1.17 -13.16	31.95 1.38 -5.95	32.84 1.18 -10.21	31.36 1.32 -5.41	34.06 1.66 -1.85	29.56 1.43 -1.95	25.51 1.30 0.00	24.68 1.15 0.00	23.12 0.93 0.00	21.94 0.67 0.00
NARROWS_GT1_1 24228	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT1_2 24229	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT1_3 24230	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT1_4 24231	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT1_5 24232	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT1_6 24233	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT1_7 24234	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT1_8 24235	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NARROWS_GT2_1 24236	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
NARROWS_GT2_2 24237	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00

NARROWS_GT2_3 24238	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
NARROWS_GT2_4 24239	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
NARROWS_GT2_5 24240	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
NARROWS_GT2_6 24241	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
NARROWS_GT2_7 24242	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
NARROWS_GT2_8 24243	24.21 0.90 0.00	20.90 0.77 0.00	18.86 0.75 0.00	16.87 0.71 0.00	17.34 0.72 0.00	20.88 0.86 0.00	23.88 1.24 0.00	28.42 1.66 0.00	32.65 1.97 0.00	36.16 2.26 0.00	34.33 2.18 -1.89	39.85 1.70 -14.62	34.14 1.37 -14.19	35.58 1.28 -16.86	32.68 1.60 -10.26	31.24 1.97 -4.64	31.12 1.71 -7.95	30.71 1.94 -4.15	34.16 2.33 -1.28	29.67 2.03 -1.45	26.09 1.88 -0.01	25.28 1.74 -0.01	23.65 1.46 0.00	22.42 1.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.89 0.58 0.00	20.65 0.52 0.00	18.63 0.52 0.00	16.66 0.51 0.00	17.14 0.52 0.00	20.64 0.63 0.00	23.49 0.85 0.00	28.14 1.38 0.00	32.47 1.79 0.00	35.96 2.06 0.00	34.44 1.93 -2.24	42.43 1.49 -17.41	36.71 1.20 -16.94	38.61 1.11 -20.06	34.35 1.31 -12.23	31.71 1.56 -5.52	32.24 1.31 -9.48	31.18 1.53 -5.03	34.28 2.02 -1.72	29.74 1.75 -1.81	25.72 1.52 0.00	24.85 1.31 0.00	23.23 1.04 0.00	22.01 0.74 0.00
NCHELSEA_115KV_TR2 355582	24.07 0.76 0.00	20.80 0.66 0.00	18.77 0.66 0.00	16.77 0.62 0.00	17.24 0.63 0.00	20.77 0.75 0.00	23.71 1.08 0.00	28.25 1.49 0.00	32.47 1.80 0.00	35.98 2.07 0.00	34.16 2.00 -1.89	39.74 1.56 -14.66	34.02 1.23 -14.22	35.49 1.16 -16.90	32.51 1.41 -10.29	30.98 1.70 -4.66	30.92 1.50 -7.97	30.52 1.73 -4.16	33.94 2.12 -1.28	29.46 1.82 -1.46	25.86 1.66 0.00	25.03 1.49 0.00	23.41 1.21 0.00	22.20 0.93 0.00
NEG CAPITAL___MECHNVIL 23645	24.19 0.88 0.00	20.91 0.77 0.00	18.84 0.73 0.00	16.86 0.70 0.00	17.34 0.72 0.00	20.90 0.89 0.00	23.78 1.14 0.00	28.44 1.68 0.00	32.76 2.09 0.00	36.28 2.37 0.00	34.96 2.26 -2.44	44.19 1.73 -18.93	38.36 1.37 -18.42	40.53 1.29 -21.81	35.65 1.54 -13.30	32.45 1.82 -6.01	33.32 1.56 -10.31	31.87 1.78 -5.47	34.63 2.21 -1.87	30.04 1.89 -1.97	25.92 1.72 0.00	25.07 1.53 0.00	23.49 1.30 0.00	22.31 1.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.24 -0.07 0.00	20.03 -0.10 0.00	17.96 -0.07 0.08	16.00 -0.13 0.02	16.55 -0.07 0.00	20.03 0.01 0.00	22.66 0.03 0.00	26.56 -0.21 0.00	30.15 -0.53 0.00	32.16 -0.56 1.19	28.75 -0.59 0.93	25.03 -0.55 -2.06	20.15 -0.54 -2.11	19.28 -0.49 -2.34	21.64 -0.64 -1.47	24.56 -0.70 -0.65	22.01 -0.59 -1.15	24.76 -0.69 -0.83	30.48 -0.77 -0.71	25.89 -0.71 -0.42	23.57 -0.63 0.00	23.00 -0.53 0.00	21.81 -0.38 0.00	21.12 -0.15 0.00
NEG CENTRAL___DRP 24199	23.63 0.32 0.00	20.40 0.27 0.00	18.35 0.24 0.00	16.34 0.19 0.00	16.84 0.22 0.00	20.33 0.32 0.00	23.12 0.48 0.00	27.17 0.41 0.00	30.86 0.19 0.00	34.24 0.33 0.00	30.72 0.18 -0.28	25.80 0.10 -2.17	20.73 0.05 -2.11	20.00 0.07 -2.50	22.36 0.03 -1.52	25.33 0.02 -0.69	22.65 0.02 -1.18	25.26 0.01 -0.63	30.78 0.02 -0.21	26.45 0.04 -0.22	24.27 0.07 0.00	23.68 0.15 0.00	22.35 0.16 0.00	21.52 0.24 0.00
NEG CENTRAL___INDECK 23768	24.42 1.11 0.00	21.02 0.88 0.00	18.91 0.80 0.00	16.79 0.63 0.00	17.34 0.72 0.00	21.00 0.98 0.00	23.88 1.24 0.00	27.98 1.22 0.00	31.47 0.80 0.00	33.87 0.69 0.73	30.33 0.44 0.37	26.20 0.13 -2.55	20.66 -0.11 -2.19	20.39 -0.08 -3.04	22.40 -0.15 -1.73	25.30 -0.16 -0.84	22.68 -0.08 -1.30	24.54 -0.21 -0.12	29.69 0.23 1.09	26.35 0.44 0.28	24.66 0.46 0.00	24.14 0.60 0.00	22.77 0.57 0.00	22.13 0.86 0.00
NEG CENTRAL___SENECA 23627	23.81 0.50 0.00	20.53 0.40 0.00	18.46 0.35 0.00	16.43 0.28 0.00	16.95 0.33 0.00	20.48 0.47 0.00	23.31 0.67 0.00	27.37 0.61 0.00	31.03 0.36 0.00	34.41 0.50 0.00	30.87 0.30 -0.30	26.06 0.21 -2.32	20.91 0.12 -2.21	20.28 0.14 -2.69	22.54 0.11 -1.62	25.47 0.10 -0.74	22.86 0.16 -1.25	25.32 0.13 -0.56	30.69 0.15 0.01	26.51 0.18 -0.15	24.42 0.22 0.00	23.86 0.32 0.00	22.45 0.25 0.00	21.65 0.38 0.00
NEG CENTRAL___STATE_STREET 24147	23.66 0.35 0.00	20.50 0.38 0.00	18.43 0.32 0.00	16.42 0.26 0.00	16.89 0.27 0.00	20.36 0.34 0.00	23.10 0.47 0.00	27.18 0.42 0.00	30.96 0.29 0.00	34.23 0.32 0.00	30.71 0.17 -0.28	25.76 0.09 -2.14	20.70 0.04 -2.08	19.95 0.05 -2.46	22.38 0.07 -1.50	25.39 0.09 -0.68	22.72 0.11 -1.16	25.39 0.14 -0.62	30.94 0.19 -0.21	26.58 0.17 -0.22	24.38 0.18 0.00	23.75 0.22 0.00	22.53 0.33 0.00	21.57 0.30 0.00
NEG MILLWOOD___DRP 24198	24.12 0.81 0.00	20.84 0.70 0.00	18.80 0.70 0.00	16.81 0.65 0.00	17.28 0.66 0.00	20.81 0.80 0.00	23.77 1.13 0.00	28.33 1.57 0.00	32.58 1.90 0.00	36.10 2.20 0.00	34.27 2.10 -1.91	40.00 1.64 -14.83	34.26 1.29 -14.39	35.75 1.21 -17.10	32.71 1.49 -10.41	31.12 1.79 -4.71	31.09 1.57 -8.07	30.65 1.82 -4.21	34.07 2.23 -1.30	29.58 1.92 -1.48	25.95 1.74 0.00	25.10 1.57 0.00	23.47 1.28 0.00	22.25 0.98 0.00



NEG NORTH_FLCN_SEA 23793	24.15 0.84 0.00	20.83 0.69 0.00	18.67 0.57 0.00	16.54 0.39 0.00	16.92 0.30 0.00	20.27 0.26 0.00	22.68 0.04 0.00	27.18 0.41 0.00	31.27 0.59 0.00	34.41 0.51 0.00	30.72 0.45 0.00	23.91 0.38 0.00	18.86 0.28 0.00	17.71 0.28 0.00	21.06 0.25 0.00	24.89 0.27 0.00	21.75 0.29 0.00	24.92 0.30 0.00	31.00 0.45 0.00	26.60 0.42 0.00	24.52 0.32 0.00	23.72 0.19 0.00	22.26 0.07 0.00	21.53 0.25 0.00
NEG NORTH_KES_CHATEGAY 23792	23.94 0.64 0.00	20.65 0.52 0.00	18.51 0.40 0.00	16.42 0.27 0.00	16.84 0.22 0.00	20.21 0.20 0.00	22.67 0.03 0.00	27.05 0.29 0.00	31.08 0.40 0.00	34.19 0.28 0.00	30.50 0.23 0.00	23.73 0.21 0.00	18.74 0.16 0.00	17.60 0.16 0.00	20.95 0.14 0.00	24.77 0.14 0.00	21.60 0.15 0.00	24.78 0.15 0.00	30.85 0.30 0.00	26.49 0.31 0.00	24.44 0.24 0.00	23.68 0.15 0.00	22.25 0.06 0.00	21.47 0.20 0.00
NEG NORTH___ALICE_FALLS 23915	24.16 0.85 0.00	20.83 0.70 0.00	18.68 0.57 0.00	16.56 0.40 0.00	16.95 0.34 0.00	20.33 0.32 0.00	22.78 0.14 0.00	27.29 0.53 0.00	31.40 0.72 0.00	34.54 0.63 0.00	30.82 0.55 0.00	23.99 0.47 0.00	18.92 0.35 0.00	17.78 0.34 0.00	21.13 0.32 0.00	24.99 0.36 0.00	21.82 0.37 0.00	25.02 0.40 0.00	31.15 0.60 0.00	26.73 0.55 0.00	24.65 0.45 0.00	23.84 0.30 0.00	22.36 0.17 0.00	21.60 0.33 0.00
NEG NORTH___LWR_SARANAC 23913	24.16 0.85 0.00	20.83 0.70 0.00	18.68 0.57 0.00	16.56 0.40 0.00	16.95 0.34 0.00	20.33 0.32 0.00	22.78 0.14 0.00	27.29 0.53 0.00	31.40 0.72 0.00	34.54 0.63 0.00	30.82 0.55 0.00	23.99 0.47 0.00	18.92 0.35 0.00	17.78 0.34 0.00	21.13 0.32 0.00	24.99 0.36 0.00	21.82 0.37 0.00	25.02 0.40 0.00	31.15 0.60 0.00	26.73 0.55 0.00	24.65 0.45 0.00	23.84 0.30 0.00	22.36 0.17 0.00	21.60 0.33 0.00
NEG NORTH___PLATTSBURG 23628	24.16 0.85 0.00	20.83 0.70 0.00	18.68 0.57 0.00	16.56 0.40 0.00	16.95 0.34 0.00	20.33 0.32 0.00	22.78 0.14 0.00	27.29 0.53 0.00	31.39 0.72 0.00	34.54 0.63 0.00	30.81 0.55 0.00	23.99 0.47 0.00	18.93 0.35 0.00	17.78 0.34 0.00	21.13 0.32 0.00	24.99 0.36 0.00	21.82 0.37 0.00	25.02 0.40 0.00	31.15 0.60 0.00	26.73 0.55 0.00	24.65 0.45 0.00	23.84 0.30 0.00	22.36 0.17 0.00	21.60 0.33 0.00
NEG WEST_LEA_LOCKPORT 23791	23.79 0.48 0.00	20.50 0.37 0.00	18.47 0.36 0.00	16.36 0.21 0.00	16.95 0.33 0.00	20.55 0.54 0.00	23.12 0.48 0.00	26.79 0.03 0.00	30.16 -0.52 0.00	33.68 -0.22 0.00	30.28 -0.30 -0.31	24.50 -0.65 -1.62	18.04 -0.75 -0.21	19.10 -0.70 -2.37	20.82 -0.88 -0.89	24.28 -1.00 -0.65	21.10 -0.85 -0.49	21.08 -1.05 2.50	23.07 -1.20 6.28	22.72 -1.05 2.42	23.38 -0.83 0.00	22.99 -0.55 0.00	21.87 -0.33 0.00	21.52 0.25 0.00
NEG WEST___LANCASTR 23811	23.75 0.44 0.00	20.43 0.30 0.00	18.42 0.31 0.00	16.30 0.15 0.00	16.87 0.25 0.00	20.46 0.44 0.00	23.10 0.46 0.00	26.99 0.23 0.00	30.49 -0.18 0.00	34.08 0.17 0.00	30.64 0.02 -0.35	25.13 -0.31 -1.92	18.76 -0.38 -0.57	19.76 -0.36 -2.68	21.48 -0.44 -1.11	24.77 -0.59 -0.74	21.65 -0.47 -0.67	21.83 -0.52 2.28	24.01 -0.59 5.95	23.40 -0.52 2.27	23.87 -0.34 0.00	23.50 -0.03 0.00	22.25 0.06 0.00	21.76 0.49 0.00
NEG_PENN_ALLEGHNY 23528	23.62 0.31 0.00	20.39 0.25 0.00	18.40 0.23 -0.06	16.36 0.19 -0.02	16.83 0.22 0.00	20.32 0.30 0.00	23.11 0.48 0.00	27.30 0.54 0.00	31.22 0.54 0.00	35.92 0.66 -1.36	32.81 0.56 -1.98	28.69 0.41 -4.76	23.23 0.25 -4.41	23.23 0.23 -5.57	24.38 0.27 -3.30	26.47 0.31 -1.53	24.32 0.34 -2.53	25.89 0.39 -0.88	30.40 0.45 0.60	26.64 0.39 -0.06	24.61 0.40 0.00	24.00 0.47 0.00	22.55 0.36 0.00	21.64 0.37 0.00
NEG___GEN_MONROE 24207	24.26 0.95 0.00	20.89 0.76 0.00	18.81 0.70 0.00	16.68 0.53 0.00	17.27 0.66 0.00	20.95 0.94 0.00	23.72 1.08 0.00	27.70 0.94 0.00	31.27 0.59 0.00	34.61 0.71 0.00	31.03 0.49 -0.27	25.54 0.12 -1.89	20.01 -0.05 -1.48	19.73 -0.02 -2.31	22.00 -0.07 -1.26	25.20 -0.06 -0.64	22.30 -0.08 -0.93	24.43 0.05 0.24	29.23 0.21 1.53	25.95 0.26 0.49	24.49 0.29 0.00	23.93 0.40 0.00	22.68 0.49 0.00	22.09 0.82 0.00
NEPA___ENERGY 23901	23.79 0.49 0.00	20.52 0.39 0.00	18.44 0.33 0.00	16.35 0.19 0.00	16.89 0.27 0.00	20.49 0.47 0.00	23.23 0.59 0.00	27.12 0.36 0.00	30.58 -0.10 0.00	34.14 0.24 0.00	30.64 0.02 -0.35	25.38 -0.11 -1.97	18.85 -0.35 -0.63	19.89 -0.28 -2.73	21.57 -0.38 -1.15	24.79 -0.58 -0.75	21.77 -0.39 -0.71	21.83 -0.58 2.22	23.97 -0.72 5.85	23.31 -0.65 2.23	23.84 -0.36 0.00	23.59 0.06 0.00	22.12 -0.08 0.00	21.63 0.36 0.00
NEVERSINK___HYD 23608	23.85 0.54 0.00	20.58 0.46 0.00	18.57 0.46 0.00	16.58 0.42 0.00	17.04 0.42 0.00	20.56 0.55 0.00	23.49 0.85 0.00	27.94 1.17 0.00	32.09 1.42 0.00	35.56 1.66 0.00	33.39 1.49 -1.63	37.28 1.13 -12.63	31.16 0.34 -12.24	32.30 0.31 -14.56	30.03 0.36 -8.86	29.15 0.51 -4.01	28.82 0.50 -6.87	28.81 0.62 -3.57	32.29 0.67 -1.07	28.09 0.67 -1.24	25.48 1.28 0.00	24.66 1.12 0.00	23.08 0.88 0.00	21.91 0.64 0.00
NEWKRMKL_115KV_TB1 55635	23.35 0.04 0.00	20.21 0.07 0.00	18.23 0.12 0.00	16.30 0.15 0.00	16.77 0.15 0.00	20.16 0.15 0.00	22.92 0.28 0.00	27.35 0.59 0.00	31.51 0.83 0.00	34.91 1.01 0.00	33.70 1.04 -2.39	42.91 0.81 -18.58	37.31 0.65 -18.08	39.45 0.61 -21.41	34.61 0.75 -13.05	31.41 0.89 -5.90	32.33 0.76 -10.12	30.84 0.86 -5.37	33.45 1.07 -1.84	29.04 0.93 -1.93	25.03 0.83 0.00	24.22 0.68 0.00	22.69 0.50 0.00	21.54 0.27 0.00
NEWTON___FALLS_HYD 23847	23.31 0.01 0.00	20.08 -0.05 0.00	18.01 -0.10 0.00	16.04 -0.11 0.00	16.51 -0.11 0.00	19.95 -0.06 0.00	22.63 -0.01 0.00	26.75 -0.02 0.00	30.56 -0.11 0.00	33.57 -0.33 0.00	29.96 -0.37 -0.06	23.69 -0.33 -0.49	18.80 -0.25 -0.48	17.75 -0.25 -0.56	20.86 -0.29 -0.34	24.43 -0.35 -0.15	21.30 -0.42 -0.27	24.48 -0.29 -0.14	30.38 -0.21 -0.05	26.11 -0.12 -0.05	24.07 -0.13 0.00	23.36 -0.18 0.00	22.06 -0.14 0.00	21.33 0.06 0.00
NGRID_A1_DSASP 323792	23.51 0.20 0.00	20.29 0.16 0.00	18.01 0.19 0.29	16.11 0.03 0.07	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.38 -0.39 0.00	29.58 -1.10 0.00	28.97 -1.05 3.89	25.65 -1.06 3.56	23.89 -1.15 -1.51	17.32 -1.20 0.06	18.63 -1.10 -2.30	20.24 -1.36 -0.78	23.71 -1.54 -0.63	20.52 -1.32 -0.39	20.11 -1.62 2.90	21.54 -1.91 7.09	21.72 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.38 -0.81 0.00	21.19 -0.08 0.00
NGRID_A2_DSASP 323793	23.51 0.20 0.00	20.29 0.16 0.00	18.01 0.19 0.29	16.11 0.03 0.07	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.38 -0.39 0.00	29.58 -1.10 0.00	28.97 -1.05 3.89	25.65 -1.06 3.56	23.89 -1.15 -1.51	17.32 -1.20 0.06	18.63 -1.10 -2.30	20.24 -1.36 -0.78	23.71 -1.54 -0.63	20.52 -1.32 -0.39	20.11 -1.62 2.90	21.54 -1.91 7.09	21.72 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.38 -0.81 0.00	21.19 -0.08 0.00

NGRID_A4_DSASP 323807	23.51 0.20 0.00	20.29 0.16 0.00	18.29 0.17 0.00	16.19 0.03 0.00	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.39 -0.38 0.00	29.59 -1.08 0.00	32.85 -1.05 0.00	29.52 -1.07 -0.31	23.88 -1.16 -1.51	17.33 -1.19 0.06	18.63 -1.11 -2.30	20.22 -1.37 -0.78	23.70 -1.56 -0.63	20.51 -1.34 -0.39	20.10 -1.62 2.90	21.51 -1.95 7.09	21.73 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.37 -0.82 0.00	21.19 -0.08 0.00
NIAGARA_115E_LBMP 323715	23.44 0.13 0.00	20.23 0.10 0.00	17.95 0.13 0.29	16.07 -0.01 0.07	16.73 0.11 0.00	20.28 0.27 0.00	22.75 0.11 0.00	26.28 -0.48 0.00	29.56 -1.12 0.00	29.26 -0.75 3.89	25.95 -0.75 3.57	24.03 -1.09 -1.59	17.55 -1.12 -0.10	18.76 -1.03 -2.36	20.39 -1.27 -0.85	23.81 -1.46 -0.65	20.67 -1.24 -0.45	20.43 -1.52 2.68	22.11 -1.78 6.65	22.04 -1.57 2.57	22.90 -1.31 0.00	22.52 -1.02 0.00	21.47 -0.72 0.00	21.17 -0.10 0.00
NIAGARA_115W_LBMP 323714	23.46 0.16 0.00	20.26 0.13 0.00	17.97 0.16 0.29	16.09 0.00 0.07	16.74 0.12 0.00	20.29 0.28 0.00	22.77 0.13 0.00	26.32 -0.44 0.00	29.50 -1.17 0.00	28.87 -1.15 3.88	25.57 -1.14 3.56	23.81 -1.22 -1.50	17.25 -1.25 0.08	18.58 -1.15 -2.29	20.17 -1.41 -0.77	23.64 -1.62 -0.63	20.45 -1.38 -0.38	20.02 -1.69 2.92	21.42 -1.99 7.13	21.63 -1.78 2.77	22.71 -1.50 0.00	22.34 -1.20 0.00	21.32 -0.87 0.00	21.14 -0.12 0.00
NIAGARA_230_LBMP 323716	23.51 0.20 0.00	20.26 0.13 0.00	17.98 0.16 0.29	16.09 0.01 0.07	16.75 0.13 0.00	20.29 0.28 0.00	22.78 0.14 0.00	26.44 -0.32 0.00	29.78 -0.90 0.00	29.35 -0.73 3.82	25.99 -0.77 3.50	24.06 -0.90 -1.43	17.38 -0.96 0.23	18.79 -0.88 -2.23	20.42 -1.09 -0.70	23.99 -1.25 -0.61	20.70 -1.07 -0.31	20.19 -1.32 3.11	21.50 -1.55 7.50	21.85 -1.41 2.92	23.03 -1.18 0.00	22.65 -0.88 0.00	21.59 -0.60 0.00	21.26 -0.01 0.00
NIAGARA__115KV_198_GIBSON 55903	23.47 0.16 0.00	20.26 0.13 0.00	18.25 0.15 0.00	16.16 0.01 0.00	16.74 0.12 0.00	20.30 0.28 0.00	22.77 0.14 0.00	26.33 -0.43 0.00	29.52 -1.16 0.00	32.75 -1.15 0.00	29.44 -1.15 -0.31	23.81 -1.22 -1.50	17.26 -1.23 0.08	18.57 -1.16 -2.29	20.16 -1.43 -0.77	23.62 -1.63 -0.63	20.43 -1.40 -0.38	20.01 -1.70 2.92	21.38 -2.04 7.13	21.63 -1.78 2.77	22.71 -1.50 0.00	22.34 -1.20 0.00	21.32 -0.87 0.00	21.14 -0.13 0.00
NIAGARA____ 23760	23.51 0.20 0.00	20.26 0.13 0.00	17.98 0.16 0.29	16.09 0.01 0.07	16.75 0.13 0.00	20.29 0.28 0.00	22.78 0.14 0.00	26.44 -0.32 0.00	29.78 -0.90 0.00	29.33 -0.73 3.85	25.97 -0.77 3.52	24.14 -0.90 -1.50	17.55 -0.96 0.07	18.85 -0.88 -2.29	20.49 -1.09 -0.77	24.00 -1.25 -0.63	20.77 -1.07 -0.38	20.40 -1.32 2.90	21.89 -1.55 7.11	22.02 -1.41 2.76	23.03 -1.18 0.00	22.65 -0.88 0.00	21.59 -0.60 0.00	21.26 -0.01 0.00
NINE_MILE_1 23575	22.86 -0.45 0.00	19.74 -0.40 0.00	17.75 -0.36 0.00	15.83 -0.33 0.00	16.29 -0.33 0.00	19.63 -0.38 0.00	22.20 -0.44 0.00	26.12 -0.65 0.00	29.84 -0.84 0.00	32.96 -0.94 0.00	29.49 -0.93 -0.15	23.99 -0.74 -1.20	19.20 -0.58 -1.21	18.25 -0.55 -1.37	20.98 -0.68 -0.85	24.19 -0.81 -0.38	21.45 -0.68 -0.67	24.28 -0.78 -0.44	29.90 -0.97 -0.32	25.55 -0.84 -0.21	23.45 -0.76 0.00	22.84 -0.69 0.00	21.70 -0.49 0.00	20.84 -0.43 0.00
NINE_MILE_2 23744	22.86 -0.44 0.00	19.74 -0.40 0.00	17.76 -0.35 0.00	15.83 -0.33 0.00	16.29 -0.33 0.00	19.63 -0.38 0.00	22.20 -0.44 0.00	26.12 -0.65 0.00	29.84 -0.84 0.00	32.97 -0.94 0.00	29.49 -0.93 -0.15	23.98 -0.74 -1.20	19.20 -0.58 -1.21	18.25 -0.55 -1.36	20.98 -0.68 -0.85	24.20 -0.80 -0.37	21.44 -0.67 -0.67	24.28 -0.78 -0.44	29.90 -0.97 -0.32	25.55 -0.84 -0.21	23.45 -0.76 0.00	22.85 -0.69 0.00	21.71 -0.49 0.00	20.84 -0.43 0.00
NM_CAPITAL____DRP 24208	23.39 0.08 0.00	20.25 0.11 0.00	18.27 0.16 0.00	16.35 0.19 0.00	16.80 0.19 0.00	20.20 0.19 0.00	22.95 0.31 0.00	27.41 0.65 0.00	31.58 0.90 0.00	34.99 1.09 0.00	33.75 1.10 -2.39	42.91 0.86 -18.53	37.29 0.70 -18.02	39.43 0.65 -21.34	34.62 0.80 -13.01	31.44 0.94 -5.88	32.35 0.80 -10.09	30.87 0.90 -5.35	33.51 1.13 -1.83	29.09 0.98 -1.92	25.09 0.88 0.00	24.27 0.73 0.00	22.74 0.54 0.00	21.58 0.31 0.00
NM_CENTRAL____DRP 24181	23.34 0.03 0.00	20.14 0.00 0.00	18.12 0.02 0.00	16.15 0.00 0.00	16.63 0.01 0.00	20.07 0.05 0.00	22.75 0.11 0.00	26.74 -0.02 0.00	30.48 -0.19 0.00	33.64 -0.27 0.00	30.14 -0.33 -0.20	24.83 -0.28 -1.59	19.88 -0.24 -1.54	19.03 -0.23 -1.83	21.65 -0.28 -1.11	24.80 -0.33 -0.50	22.07 -0.25 -0.86	24.80 -0.28 -0.46	30.36 -0.34 -0.16	26.06 -0.29 -0.16	23.94 -0.26 0.00	23.35 -0.19 0.00	22.16 -0.03 0.00	21.29 0.02 0.00
NM_FRONTIER____DRP 24179	23.47 0.16 0.00	20.26 0.13 0.00	18.25 0.15 0.00	16.16 0.01 0.00	16.74 0.12 0.00	20.30 0.28 0.00	22.77 0.14 0.00	26.33 -0.43 0.00	29.52 -1.16 0.00	32.75 -1.15 0.00	29.44 -1.15 -0.31	23.81 -1.22 -1.50	17.26 -1.23 0.08	18.57 -1.16 -2.29	20.16 -1.43 -0.77	23.62 -1.63 -0.63	20.43 -1.40 -0.38	20.01 -1.70 2.92	21.38 -2.04 7.13	21.63 -1.78 2.77	22.71 -1.50 0.00	22.34 -1.20 0.00	21.32 -0.87 0.00	21.14 -0.13 0.00
NM_ST_REGIS____HYD 24053	23.22 -0.09 0.00	20.02 -0.11 0.00	17.92 -0.19 0.00	15.94 -0.21 0.00	16.38 -0.24 0.00	19.73 -0.28 0.00	22.23 -0.41 0.00	26.35 -0.42 0.00	30.20 -0.48 0.00	33.22 -0.68 0.00	29.64 -0.63 0.00	23.06 -0.47 0.00	18.20 -0.38 0.00	17.10 -0.33 0.00	20.40 -0.41 0.00	24.13 -0.49 0.00	20.94 -0.51 0.00	24.11 -0.52 0.00	30.01 -0.54 0.00	25.79 -0.39 0.00	23.80 -0.40 0.00	23.11 -0.43 0.00	21.84 -0.35 0.00	21.22 -0.05 0.00
NORTHPORT____1 23551	28.65 1.36 -3.99	21.87 1.17 -0.57	19.18 1.08 0.00	17.21 1.05 0.00	17.68 1.06 0.00	21.31 1.30 0.00	24.37 1.73 0.00	28.63 1.87 0.00	32.94 2.27 0.00	36.43 2.53 0.00	34.52 2.36 -1.89	40.03 1.92 -14.59	34.31 1.54 -14.20	35.76 1.45 -16.86	33.22 1.82 -10.58	32.01 2.19 -5.20	31.39 1.86 -8.07	76.64 2.19 -49.83	59.13 2.64 -25.95	31.90 2.32 -3.40	26.41 2.15 -0.06	25.47 1.93 0.00	23.85 1.65 0.00	22.68 1.41 0.00
NORTHPORT____2 23552	28.65 1.36 -3.99	21.87 1.17 -0.57	19.18 1.08 0.00	17.21 1.05 0.00	17.68 1.06 0.00	21.31 1.30 0.00	24.37 1.73 0.00	28.63 1.87 0.00	32.94 2.27 0.00	36.43 2.53 0.00	34.52 2.36 -1.89	40.03 1.92 -14.59	34.31 1.54 -14.20	35.76 1.45 -16.86	33.22 1.82 -10.58	32.01 2.19 -5.20	31.39 1.86 -8.07	76.64 2.19 -49.83	59.13 2.64 -25.95	31.90 2.32 -3.40	26.41 2.15 -0.06	25.47 1.93 0.00	23.85 1.65 0.00	22.68 1.41 0.00
NORTHPORT____3 23553	28.40 1.13 -3.96	21.64 0.94 -0.57	18.99 0.88 0.00	17.01 0.86 0.00	17.49 0.87 0.00	21.08 1.06 0.00	24.11 1.47 0.00	28.45 1.68 0.00	32.71 2.04 0.00	36.20 2.30 0.00	34.33 2.17 -1.89	39.85 1.74 -14.59	34.16 1.39 -14.20	35.62 1.32 -16.86	33.06 1.67 -10.58	31.81 1.99 -5.20	31.24 1.71 -8.07	76.43 1.98 -49.83	58.91 2.41 -25.95	31.69 2.12 -3.40	26.21 1.95 -0.06	25.28 1.75 0.00	23.64 1.45 0.00	22.45 1.18 0.00

NORTHPORT___4 23650	28.40 1.13 -3.96	21.64 0.94 -0.57	18.99 0.88 0.00	17.01 0.86 0.00	17.49 0.87 0.00	21.08 1.06 0.00	24.11 1.47 0.00	28.45 1.68 0.00	32.71 2.04 0.00	36.20 2.30 0.00	34.33 2.17 -1.89	39.85 1.74 -14.59	34.16 1.39 -14.20	35.62 1.32 -16.86	33.06 1.67 -10.58	31.81 1.99 -5.20	31.24 1.71 -8.07	76.43 1.98 -49.83	58.91 2.41 -25.95	31.69 2.12 -3.40	26.21 1.95 -0.06	25.28 1.75 0.00	23.64 1.45 0.00	22.45 1.18 0.00
NORTHPORT___IC 23718	28.65 1.36 -3.99	21.87 1.17 -0.57	19.18 1.08 0.00	17.21 1.05 0.00	17.68 1.06 0.00	21.31 1.30 0.00	24.37 1.73 0.00	28.63 1.87 0.00	32.94 2.27 0.00	36.43 2.53 0.00	34.52 2.36 -1.89	40.03 1.92 -14.59	34.31 1.54 -14.20	35.76 1.45 -16.86	33.22 1.82 -10.58	32.01 2.19 -5.20	31.39 1.86 -8.07	76.64 2.19 -49.83	59.13 2.64 -25.95	31.90 2.32 -3.40	26.41 2.15 -0.06	25.47 1.93 0.00	23.85 1.65 0.00	22.68 1.41 0.00
NORTH___COUNTRY_ESR 323785	23.87 0.56 0.00	20.58 0.46 0.00	18.45 0.34 0.00	16.37 0.22 0.00	16.79 0.17 0.00	20.15 0.14 0.00	22.59 -0.05 0.00	26.94 0.18 0.00	30.97 0.30 0.00	34.09 0.18 0.00	30.42 0.15 0.00	23.68 0.15 0.00	18.69 0.11 0.00	17.55 0.12 0.00	20.90 0.09 0.00	24.71 0.08 0.00	21.55 0.09 0.00	24.71 0.08 0.00	30.73 0.19 0.00	26.38 0.20 0.00	24.34 0.13 0.00	23.59 0.05 0.00	22.17 -0.03 0.00	21.39 0.12 0.00
NPX_GEN_1385_PROXY 323591	28.33 1.03 -3.99	21.87 1.17 -0.57	19.11 1.00 0.00	17.22 1.07 0.00	17.68 1.06 0.00	21.31 1.30 0.00	24.35 1.71 0.00	28.29 1.53 0.00	32.67 1.99 0.00	36.03 2.13 0.00	33.80 1.65 -1.89	39.62 1.51 -14.59	34.06 1.29 -14.20	35.52 1.22 -16.86	33.07 1.68 -10.58	31.83 2.01 -5.20	31.21 1.68 -8.07	76.46 2.01 -49.83	58.76 2.26 -25.95	31.55 1.97 -3.40	26.22 1.96 -0.06	25.25 1.71 0.00	23.50 1.30 0.00	22.55 1.28 0.00
NPX_GEN_CSC 323557	29.77 1.73 -4.73	22.24 1.44 -0.68	19.45 1.34 0.00	17.43 1.28 0.00	17.93 1.31 0.00	21.60 1.59 0.00	24.77 2.13 0.00	29.18 2.41 0.00	33.62 2.94 0.00	37.25 3.35 0.00	35.30 3.15 -1.89	40.62 2.50 -14.59	34.73 1.96 -14.20	36.19 1.89 -16.86	33.70 2.30 -10.58	32.58 2.76 -5.20	31.86 2.33 -8.07	77.19 2.75 -49.83	59.91 3.42 -25.95	32.59 3.01 -3.40	27.00 2.73 -0.06	26.03 2.49 0.00	24.34 2.14 0.00	23.08 1.81 0.00
NSINS_S_GLNS_FALLS 23858	24.51 1.20 0.00	21.16 1.04 0.00	19.07 0.96 0.00	17.05 0.90 0.00	17.57 0.95 0.00	21.23 1.22 0.00	24.15 1.51 0.00	29.00 2.24 0.00	33.51 2.84 0.00	37.10 3.19 0.00	35.75 3.04 -2.45	44.86 2.30 -19.03	38.90 1.81 -18.52	41.07 1.70 -21.92	36.19 2.01 -13.37	32.99 2.33 -6.04	33.77 1.95 -10.36	32.35 2.22 -5.50	35.14 2.71 -1.88	30.42 2.26 -1.98	26.30 2.10 0.00	25.41 1.87 0.00	23.83 1.64 0.00	22.64 1.37 0.00
NUCOR_STEEL___DRP 24197	23.63 0.32 0.00	20.48 0.35 0.00	18.40 0.30 0.00	16.40 0.25 0.00	16.87 0.25 0.00	20.32 0.31 0.00	23.06 0.42 0.00	27.13 0.37 0.00	30.91 0.24 0.00	34.17 0.27 0.00	30.66 0.12 -0.27	25.64 0.05 -2.07	20.59 0.01 -2.01	19.84 0.02 -2.38	22.29 0.02 -1.45	25.32 0.04 -0.66	22.65 0.07 -1.12	25.33 0.11 -0.60	30.89 0.14 -0.20	26.53 0.13 -0.21	24.34 0.14 0.00	23.71 0.17 0.00	22.51 0.31 0.00	21.55 0.28 0.00
NUMBER_THREE_WT_PWR 323818	23.73 0.42 0.00	20.42 0.29 0.00	18.35 0.24 0.00	16.35 0.20 0.00	16.84 0.22 0.00	20.39 0.38 0.00	23.23 0.59 0.00	27.48 0.71 0.00	31.36 0.68 0.00	34.44 0.54 0.00	30.70 0.34 -0.09	24.41 0.22 -0.66	19.38 0.17 -0.64	18.33 0.14 -0.76	21.45 0.18 -0.46	25.03 0.20 -0.21	21.84 0.03 -0.36	25.14 0.32 -0.19	31.17 0.56 -0.07	26.76 0.51 -0.07	24.66 0.46 0.00	23.87 0.34 0.00	22.49 0.30 0.00	21.64 0.36 0.00
NYISO_LBMP_REFERENCE 24008	23.31 0.00 0.00	20.13 0.00 0.00	18.11 0.00 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.01 0.00 0.00	22.64 0.00 0.00	26.76 0.00 0.00	30.68 0.00 0.00	33.90 0.00 0.00	30.27 0.00 0.00	23.53 0.00 0.00	18.57 0.00 0.00	17.44 0.00 0.00	20.81 0.00 0.00	24.63 0.00 0.00	21.46 0.00 0.00	24.63 0.00 0.00	30.55 0.00 0.00	26.18 0.00 0.00	24.20 0.00 0.00	23.53 0.00 0.00	22.19 0.00 0.00	21.27 0.00 0.00
NYPA_BRENTWD___GT 24164	30.59 1.63 -5.65	22.31 1.37 -0.81	19.36 1.25 0.00	17.35 1.20 0.00	17.84 1.22 0.00	21.51 1.50 0.00	24.65 2.01 0.00	29.04 2.28 0.00	33.44 2.77 0.00	37.02 3.12 0.00	35.08 2.92 -1.89	40.46 2.34 -14.59	34.63 1.86 -14.20	36.07 1.76 -16.86	33.56 2.16 -10.58	32.43 2.61 -5.20	31.75 2.22 -8.07	77.05 2.60 -49.83	59.66 3.17 -25.95	32.38 2.80 -3.40	26.82 2.56 -0.06	25.85 2.31 0.00	24.18 1.99 0.00	22.95 1.68 0.00
NYPA_GOWANUS___GT5 24156	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.49 1.42 -10.26	31.07 1.80 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NYPA_GOWANUS___GT6 24157	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.12 0.00	26.99 1.51 1.28	29.92 1.82 2.58	31.17 2.08 4.81	32.24 2.03 0.05	39.69 1.55 -14.62	33.99 1.23 -14.19	34.94 1.12 -16.38	32.49 1.42 -10.26	31.07 1.80 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.14	34.00 2.18 -1.28	29.52 1.89 -1.45	25.95 1.75 -0.01	25.15 1.61 -0.01	23.55 1.35 0.00	22.32 1.05 0.00
NYPA_HARLEM__RVR_GT1 24160	24.02 0.71 0.00	20.76 0.63 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.71 0.70 0.00	23.71 1.07 0.00	28.23 1.46 0.00	32.41 1.74 0.00	35.89 1.99 0.00	34.08 1.93 -1.89	39.63 1.48 -14.62	33.99 1.22 -14.19	35.43 1.13 -16.86	32.49 1.41 -10.26	30.94 1.68 -4.64	30.85 1.45 -7.95	30.44 1.67 -4.15	33.83 2.00 -1.28	29.39 1.75 -1.45	25.86 1.66 0.00	25.04 1.51 0.00	23.42 1.23 0.00	22.22 0.95 0.00
NYPA_HARLEM__RVR_GT2 24161	24.02 0.71 0.00	20.76 0.63 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.71 0.70 0.00	23.71 1.07 0.00	28.23 1.46 0.00	32.41 1.74 0.00	35.89 1.99 0.00	34.08 1.93 -1.89	39.63 1.48 -14.62	33.99 1.22 -14.19	35.43 1.13 -16.86	32.49 1.41 -10.26	30.94 1.68 -4.64	30.85 1.45 -7.95	30.44 1.67 -4.15	33.83 2.00 -1.28	29.39 1.75 -1.45	25.86 1.66 0.00	25.04 1.51 0.00	23.42 1.23 0.00	22.22 0.95 0.00
NYPA_KENT___GT 24152	24.15 0.85 0.00	20.87 0.74 0.00	18.83 0.72 0.00	16.84 0.69 0.00	17.31 0.69 0.00	20.84 0.83 0.00	23.84 1.20 0.00	28.39 1.62 0.00	32.60 1.93 0.00	36.10 2.20 0.00	34.27 2.12 -1.89	39.80 1.65 -14.62	34.10 1.33 -14.19	35.55 1.25 -16.86	32.64 1.56 -10.26	31.17 1.90 -4.64	31.05 1.64 -7.95	30.64 1.87 -4.15	34.06 2.24 -1.28	29.58 1.95 -1.45	26.02 1.81 0.00	25.20 1.67 -0.01	23.58 1.38 0.00	22.35 1.08 0.00

NYPA_POUCH1____GT 24155	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.80 0.64 0.00	17.26 0.65 0.00	20.79 0.77 0.00	23.76 1.12 0.00	26.84 1.47 1.40	29.61 1.76 2.82	30.65 2.02 5.26	32.01 1.97 0.23	39.67 1.52 -14.62	33.98 1.22 -14.19	34.90 1.13 -16.34	32.50 1.43 -10.26	31.08 1.82 -4.64	30.99 1.58 -7.95	30.56 1.80 -4.14	34.00 2.17 -1.28	29.53 1.90 -1.45	25.95 1.74 -0.01	25.16 1.62 -0.01	23.56 1.37 0.00	22.34 1.06 0.00
NYPA_VERNON____GT2 24162	24.10 0.80 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.59 0.00	32.56 1.89 0.00	36.06 2.15 0.00	34.23 2.08 -1.89	39.77 1.62 -14.62	34.06 1.30 -14.19	35.52 1.22 -16.86	32.60 1.52 -10.26	31.10 1.83 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.28 1.01 0.00
NYPA_VERNON____GT3 24163	24.10 0.80 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.59 0.00	32.56 1.89 0.00	36.06 2.15 0.00	34.23 2.08 -1.89	39.77 1.62 -14.62	34.06 1.30 -14.19	35.52 1.22 -16.86	32.60 1.52 -10.26	31.10 1.83 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.28 1.01 0.00
NYPA____ASTORIA_CC1 323568	24.10 0.79 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.06 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.56 1.79 -4.15	33.95 2.13 -1.28	29.49 1.85 -1.45	25.95 1.75 0.00	25.13 1.60 0.00	23.50 1.31 0.00	22.29 1.02 0.00
NYPA____ASTORIA_CC2 323569	24.10 0.79 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.58 0.00	32.56 1.88 0.00	36.04 2.14 0.00	34.23 2.08 -1.89	39.76 1.61 -14.62	34.06 1.30 -14.19	35.51 1.22 -16.86	32.60 1.53 -10.26	31.09 1.83 -4.64	30.98 1.57 -7.95	30.56 1.79 -4.15	33.95 2.13 -1.28	29.49 1.85 -1.45	25.95 1.75 0.00	25.13 1.60 0.00	23.50 1.31 0.00	22.29 1.02 0.00
NYPA____HOLTSVILL 23794	29.48 1.51 -4.67	22.05 1.25 -0.67	19.28 1.17 0.00	17.28 1.13 0.00	17.76 1.14 0.00	21.40 1.39 0.00	24.52 1.88 0.00	28.89 2.13 0.00	33.27 2.60 0.00	36.82 2.91 0.00	34.91 2.76 -1.89	40.32 2.20 -14.59	34.52 1.74 -14.20	35.97 1.67 -16.86	33.45 2.05 -10.58	32.28 2.47 -5.20	31.60 2.08 -8.07	76.89 2.44 -49.83	59.51 3.01 -25.95	32.25 2.67 -3.40	26.70 2.43 -0.06	25.75 2.21 0.00	24.11 1.91 0.00	22.88 1.61 0.00
NYPA____HELLGATE_GT1 24158	24.02 0.71 0.00	20.76 0.63 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.71 0.70 0.00	23.71 1.07 0.00	28.23 1.46 0.00	32.40 1.73 0.00	35.89 1.99 0.00	34.08 1.93 -1.89	39.63 1.48 -14.62	33.99 1.22 -14.19	35.43 1.13 -16.86	32.49 1.41 -10.26	30.94 1.68 -4.64	30.85 1.45 -7.95	30.44 1.67 -4.15	33.83 2.00 -1.28	29.39 1.75 -1.45	25.86 1.66 0.00	25.04 1.50 0.00	23.42 1.23 0.00	22.22 0.95 0.00
NYPA____HELLGATE_GT2 24159	24.02 0.71 0.00	20.76 0.63 0.00	18.76 0.65 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.71 0.70 0.00	23.71 1.07 0.00	28.23 1.46 0.00	32.40 1.73 0.00	35.89 1.99 0.00	34.08 1.93 -1.89	39.63 1.48 -14.62	33.99 1.22 -14.19	35.43 1.13 -16.86	32.49 1.41 -10.26	30.94 1.68 -4.64	30.85 1.45 -7.95	30.44 1.67 -4.15	33.83 2.00 -1.28	29.39 1.75 -1.45	25.86 1.66 0.00	25.04 1.50 0.00	23.42 1.23 0.00	22.22 0.95 0.00
NYS_BARGE____HYD 23848	23.80 0.50 0.00	20.52 0.39 0.00	18.22 0.39 0.28	16.31 0.22 0.07	16.97 0.35 0.00	20.58 0.57 0.00	23.14 0.50 0.00	26.81 0.05 0.00	30.17 -0.51 0.00	30.03 -0.17 3.70	26.64 -0.26 3.37	24.51 -0.64 -1.63	18.04 -0.77 -0.24	19.10 -0.70 -2.36	20.84 -0.87 -0.89	24.29 -0.98 -0.65	21.13 -0.83 -0.50	21.14 -1.04 2.45	23.23 -1.15 6.17	22.79 -1.02 2.38	23.39 -0.81 0.00	22.99 -0.55 0.00	21.89 -0.31 0.00	21.54 0.27 0.00
OAK ORCHARD____HYD 24046	24.10 0.79 0.00	20.75 0.61 0.00	18.55 0.59 0.15	16.53 0.42 0.04	17.16 0.54 0.00	20.80 0.79 0.00	23.54 0.90 0.00	27.51 0.75 0.00	31.10 0.42 0.00	32.35 0.52 2.07	28.82 0.35 1.80	25.47 0.05 -1.90	19.99 -0.11 -1.53	19.67 -0.08 -2.31	21.96 -0.13 -1.28	25.13 -0.13 -0.64	22.28 -0.13 -0.95	24.44 -0.05 0.14	29.33 0.10 1.31	25.89 0.11 0.41	24.36 0.15 0.00	23.79 0.25 0.00	22.55 0.36 0.00	21.94 0.67 0.00
OAKDALE__35_KV_LOAD 356122	23.55 0.24 0.00	20.33 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.17 0.00	20.25 0.24 0.00	23.02 0.38 0.00	27.19 0.43 0.00	31.11 0.43 0.00	34.44 0.54 0.00	31.34 0.44 -0.63	28.58 0.31 -4.74	23.13 0.18 -4.37	23.16 0.17 -5.55	24.30 0.20 -3.29	26.37 0.22 -1.53	24.23 0.26 -2.51	25.75 0.28 -0.85	30.21 0.32 0.66	26.50 0.28 -0.04	24.50 0.30 0.00	23.91 0.37 0.00	22.47 0.28 0.00	21.57 0.30 0.00
OCC_CHEM____DRP 24175	23.51 0.20 0.00	20.29 0.16 0.00	18.29 0.17 0.00	16.19 0.03 0.00	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.39 -0.38 0.00	29.59 -1.08 0.00	32.85 -1.05 0.00	29.52 -1.07 -0.31	23.88 -1.16 -1.51	17.33 -1.19 0.06	18.63 -1.11 -2.30	20.22 -1.37 -0.78	23.70 -1.56 -0.63	20.51 -1.34 -0.39	20.10 -1.62 2.90	21.51 -1.95 7.09	21.73 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.37 -0.82 0.00	21.19 -0.08 0.00
OH_GEN_PROXY 24063	23.51 0.20 0.00	20.26 0.13 0.00	17.96 0.16 0.31	16.08 0.01 0.07	16.74 0.12 0.00	20.29 0.28 0.00	22.80 0.16 0.00	26.50 -0.27 0.00	29.84 -0.83 0.00	29.21 -0.65 4.03	25.84 -0.71 3.71	24.22 -0.84 -1.53	17.73 -0.92 -0.07	18.88 -0.84 -2.29	20.57 -1.05 -0.81	24.06 -1.19 -0.63	20.86 -1.02 -0.43	20.69 -1.27 2.66	22.50 -1.48 6.58	22.28 -1.36 2.55	23.07 -1.13 0.00	22.70 -0.83 0.00	21.62 -0.57 0.00	21.26 -0.01 0.00
OLIN_CORP_DRP 24177	23.47 0.16 0.00	20.25 0.12 0.00	18.24 0.13 0.00	16.16 0.01 0.00	16.74 0.12 0.00	20.29 0.28 0.00	22.78 0.14 0.00	26.33 -0.43 0.00	29.62 -1.05 0.00	33.18 -0.72 0.00	29.85 -0.73 -0.32	24.08 -1.04 -1.60	17.61 -1.07 -0.10	18.80 -1.00 -2.36	20.42 -1.25 -0.85	23.85 -1.42 -0.65	20.69 -1.22 -0.46	20.46 -1.48 2.69	22.11 -1.76 6.68	22.07 -1.53 2.58	22.94 -1.26 0.00	22.56 -0.97 0.00	21.50 -0.69 0.00	21.20 -0.08 0.00
OLIN_CORP_DSASP 323712	23.51 0.20 0.00	20.29 0.16 0.00	18.01 0.19 0.29	16.11 0.03 0.07	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.38 -0.39 0.00	29.58 -1.10 0.00	28.97 -1.05 3.89	25.65 -1.06 3.56	23.89 -1.15 -1.51	17.32 -1.20 0.06	18.63 -1.10 -2.30	20.24 -1.36 -0.78	23.71 -1.54 -0.63	20.52 -1.32 -0.39	20.11 -1.62 2.90	21.54 -1.91 7.09	21.72 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.38 -0.81 0.00	21.19 -0.08 0.00

ONEIDA_HERK_LFGE 323681	23.75 0.44 0.00	20.48 0.35 0.00	18.42 0.31 0.00	16.42 0.27 0.00	16.91 0.29 0.00	20.44 0.43 0.00	23.26 0.62 0.00	27.53 0.77 0.00	31.51 0.84 0.00	34.73 0.82 0.00	31.00 0.66 -0.07	24.59 0.49 -0.57	19.50 0.37 -0.56	18.41 0.32 -0.66	21.60 0.39 -0.40	25.26 0.46 -0.18	22.14 0.37 -0.31	25.37 0.58 -0.16	31.41 0.81 -0.06	26.95 0.71 -0.06	24.84 0.63 0.00	24.09 0.55 0.00	22.67 0.48 0.00	21.72 0.45 0.00
ONEIDA___115KV_TB4 55905	23.87 0.56 0.00	20.59 0.46 0.00	18.52 0.42 0.00	16.51 0.36 0.00	17.02 0.40 0.00	20.56 0.55 0.00	23.41 0.77 0.00	27.66 0.90 0.00	31.64 0.97 0.00	34.92 1.01 0.00	31.19 0.80 -0.13	25.19 0.65 -1.02	20.02 0.46 -0.99	19.01 0.40 -1.18	22.00 0.47 -0.72	25.54 0.60 -0.32	22.56 0.55 -0.55	25.64 0.72 -0.29	31.61 0.97 -0.10	27.12 0.83 -0.11	24.96 0.76 0.00	24.24 0.71 0.00	22.82 0.63 0.00	21.84 0.57 0.00
ONONDAGA_REF_OCCRA 23987	23.47 0.16 0.00	20.25 0.11 0.00	18.22 0.11 0.00	16.23 0.08 0.00	16.72 0.09 0.00	20.18 0.16 0.00	22.89 0.25 0.00	26.93 0.17 0.00	30.70 0.03 0.00	33.90 -0.01 0.00	30.39 -0.12 -0.24	25.29 -0.11 -1.88	20.29 -0.11 -1.83	19.50 -0.10 -2.16	22.01 -0.12 -1.32	25.09 -0.13 -0.60	22.40 -0.08 -1.02	25.08 -0.08 -0.54	30.65 -0.08 -0.19	26.31 -0.07 -0.19	24.16 -0.04 0.00	23.54 0.01 0.00	22.31 0.11 0.00	21.42 0.15 0.00
ONONDAGA___COGEN 23986	23.56 0.25 0.00	20.33 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.16 0.00	20.25 0.24 0.00	22.97 0.33 0.00	27.02 0.25 0.00	30.80 0.13 0.00	34.02 0.11 0.00	30.48 -0.01 -0.23	25.25 -0.03 -1.76	20.25 -0.04 -1.72	19.44 -0.03 -2.03	22.01 -0.04 -1.24	25.13 -0.05 -0.56	22.41 0.00 -0.96	25.15 0.01 -0.51	30.76 0.04 -0.17	26.40 0.04 -0.18	24.24 0.04 0.00	23.62 0.08 0.00	22.39 0.20 0.00	21.49 0.22 0.00
ONTARIO___LFGE 23819	23.81 0.50 0.00	20.53 0.40 0.00	18.47 0.36 0.00	16.43 0.28 0.00	16.95 0.33 0.00	20.48 0.47 0.00	23.31 0.67 0.00	27.37 0.61 0.00	31.03 0.35 0.00	33.92 0.51 0.49	30.38 0.30 0.19	26.06 0.21 -2.32	20.90 0.12 -2.21	20.27 0.14 -2.69	22.54 0.11 -1.62	25.47 0.10 -0.74	22.86 0.16 -1.25	25.32 0.13 -0.56	30.69 0.16 0.01	26.51 0.18 -0.15	24.42 0.22 0.00	23.86 0.32 0.00	22.45 0.25 0.00	21.65 0.38 0.00
ORANGEVILLE_WT_PWR 323706	23.82 0.51 0.00	20.54 0.41 0.00	18.37 0.39 0.12	16.36 0.24 0.03	16.95 0.33 0.00	20.49 0.48 0.00	23.20 0.56 0.00	27.07 0.31 0.00	30.54 -0.14 0.00	32.09 0.13 1.94	28.63 -0.07 1.56	25.40 -0.34 -2.21	19.13 -0.50 -1.06	19.91 -0.47 -2.95	21.61 -0.56 -1.35	24.73 -0.70 -0.81	21.81 -0.54 -0.89	22.13 -0.74 1.75	24.76 -0.81 4.97	23.62 -0.71 1.86	23.65 -0.55 0.00	23.30 -0.24 0.00	22.00 -0.19 0.00	21.53 0.26 0.00
ORANGEVILLE___ESR 323794	23.82 0.51 0.00	20.54 0.41 0.00	18.37 0.39 0.12	16.36 0.24 0.03	16.95 0.33 0.00	20.49 0.48 0.00	23.20 0.56 0.00	27.07 0.31 0.00	30.54 -0.14 0.00	32.09 0.13 1.94	28.63 -0.07 1.56	25.40 -0.34 -2.21	19.13 -0.50 -1.06	19.91 -0.47 -2.95	21.61 -0.56 -1.35	24.73 -0.70 -0.81	21.81 -0.54 -0.89	22.13 -0.74 1.75	24.76 -0.81 4.97	23.62 -0.71 1.86	23.65 -0.55 0.00	23.30 -0.24 0.00	22.00 -0.19 0.00	21.53 0.26 0.00
OSWEGATCHIE___HYD 24044	23.31 0.01 0.00	20.08 -0.05 0.00	18.01 -0.10 0.00	16.04 -0.11 0.00	16.51 -0.11 0.00	19.95 -0.06 0.00	22.63 -0.01 0.00	26.75 -0.02 0.00	30.56 -0.11 0.00	33.57 -0.33 0.00	29.96 -0.38 -0.06	23.69 -0.32 -0.49	18.80 -0.25 -0.48	17.75 -0.25 -0.56	20.86 -0.29 -0.34	24.43 -0.35 -0.15	21.30 -0.42 -0.27	24.48 -0.29 -0.14	30.39 -0.21 -0.05	26.11 -0.12 -0.05	24.07 -0.13 0.00	23.36 -0.18 0.00	22.06 -0.14 0.00	21.33 0.06 0.00
OSWEGO___5 23606	23.01 -0.30 0.00	19.86 -0.27 0.00	17.87 -0.23 0.00	15.93 -0.23 0.00	16.40 -0.22 0.00	19.76 -0.25 0.00	22.36 -0.28 0.00	26.31 -0.45 0.00	30.06 -0.62 0.00	33.21 -0.69 0.00	29.74 -0.70 -0.17	24.27 -0.56 -1.30	19.39 -0.45 -1.27	18.51 -0.43 -1.50	21.20 -0.52 -0.92	24.41 -0.62 -0.41	21.65 -0.52 -0.71	24.40 -0.60 -0.38	29.93 -0.74 -0.13	25.68 -0.64 -0.14	23.63 -0.57 0.00	23.03 -0.51 0.00	21.84 -0.35 0.00	20.98 -0.29 0.00
OSWEGO___6 23613	23.01 -0.30 0.00	19.86 -0.27 0.00	17.87 -0.23 0.00	15.93 -0.23 0.00	16.40 -0.22 0.00	19.76 -0.25 0.00	22.36 -0.28 0.00	26.31 -0.45 0.00	30.06 -0.62 0.00	33.21 -0.69 0.00	29.74 -0.70 -0.17	24.27 -0.56 -1.30	19.39 -0.45 -1.27	18.51 -0.43 -1.50	21.20 -0.52 -0.92	24.41 -0.62 -0.41	21.65 -0.52 -0.71	24.40 -0.60 -0.38	29.93 -0.74 -0.13	25.68 -0.64 -0.14	23.63 -0.57 0.00	23.03 -0.51 0.00	21.84 -0.35 0.00	20.98 -0.29 0.00
OUTOKUMPU-AB___DRP 24206	24.02 0.71 0.00	20.70 0.57 0.00	18.65 0.54 0.00	16.51 0.36 0.00	17.11 0.49 0.00	20.76 0.75 0.00	23.36 0.72 0.00	27.09 0.32 0.00	30.49 -0.18 0.00	33.96 0.06 0.00	30.52 -0.07 -0.32	24.74 -0.42 -1.63	18.12 -0.61 -0.16	19.27 -0.55 -2.39	21.00 -0.69 -0.88	24.51 -0.78 -0.66	21.29 -0.64 -0.48	21.19 -0.80 2.63	23.07 -0.92 6.56	22.83 -0.82 2.53	23.59 -0.61 0.00	23.19 -0.34 0.00	22.05 -0.14 0.00	21.71 0.44 0.00
OXBOW___ 24026	23.83 0.52 0.00	20.55 0.42 0.00	18.23 0.42 0.30	16.32 0.24 0.07	16.98 0.37 0.00	20.60 0.59 0.00	23.15 0.51 0.00	26.81 0.05 0.00	30.12 -0.55 0.00	29.54 -0.43 3.93	26.15 -0.52 3.60	24.33 -0.77 -1.57	17.68 -0.94 -0.05	18.92 -0.87 -2.35	20.63 -1.01 -0.83	24.15 -1.12 -0.64	20.95 -0.94 -0.43	20.70 -1.16 2.76	22.38 -1.35 6.82	22.32 -1.22 2.64	23.21 -0.99 0.00	22.82 -0.71 0.00	21.76 -0.44 0.00	21.48 0.21 0.00
OXY_CHEM_DSASP 323612	23.51 0.20 0.00	20.29 0.16 0.00	18.29 0.17 0.00	16.19 0.03 0.00	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.39 -0.38 0.00	29.59 -1.08 0.00	32.85 -1.05 0.00	29.52 -1.07 -0.31	23.88 -1.16 -1.51	17.33 -1.19 0.06	18.63 -1.11 -2.30	20.22 -1.37 -0.78	23.70 -1.56 -0.63	20.51 -1.34 -0.39	20.10 -1.62 2.90	21.51 -1.95 7.09	21.73 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.37 -0.82 0.00	21.19 -0.08 0.00
OZONE_PARK_ESR 323760	24.30 0.99 0.00	20.99 0.86 0.00	18.94 0.83 0.00	16.93 0.78 0.00	17.40 0.78 0.00	20.95 0.94 0.00	23.97 1.33 0.00	28.57 1.80 0.00	32.81 2.13 0.00	36.36 2.45 0.00	34.48 2.32 -1.89	39.97 1.81 -14.62	34.21 1.44 -14.19	35.66 1.37 -16.86	32.76 1.68 -10.26	31.29 2.03 -4.64	31.16 1.76 -7.95	30.79 2.02 -4.15	34.25 2.42 -1.28	29.72 2.09 -1.45	26.16 1.95 0.00	25.31 1.78 0.00	23.67 1.48 0.00	22.44 1.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.51 0.20 0.00	20.29 0.16 0.00	18.29 0.17 0.00	16.19 0.03 0.00	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.39 -0.38 0.00	29.59 -1.08 0.00	32.85 -1.05 0.00	29.52 -1.07 -0.31	23.88 -1.16 -1.51	17.33 -1.19 0.06	18.63 -1.11 -2.30	20.22 -1.37 -0.78	23.70 -1.56 -0.63	20.51 -1.34 -0.39	20.10 -1.62 2.90	21.51 -1.95 7.09	21.73 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.37 -0.82 0.00	21.19 -0.08 0.00

PACKARD__115KV_DUPONT_184 80571	23.51 0.20 0.00	20.29 0.16 0.00	18.29 0.17 0.00	16.19 0.03 0.00	16.77 0.15 0.00	20.33 0.32 0.00	22.81 0.18 0.00	26.39 -0.38 0.00	29.59 -1.08 0.00	32.85 -1.05 0.00	29.52 -1.07 -0.31	23.88 -1.16 -1.51	17.33 -1.19 0.06	18.63 -1.11 -2.30	20.22 -1.37 -0.78	23.70 -1.56 -0.63	20.51 -1.34 -0.39	20.10 -1.62 2.90	21.51 -1.95 7.09	21.73 -1.71 2.76	22.77 -1.43 0.00	22.40 -1.13 0.00	21.37 -0.82 0.00	21.19 -0.08 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.03 0.72 0.00	20.78 0.64 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.73 0.72 0.00	23.73 1.09 0.00	28.24 1.47 0.00	32.43 1.75 0.00	35.94 2.03 0.00	34.14 1.98 -1.89	39.67 1.52 -14.62	34.03 1.26 -14.19	35.46 1.17 -16.86	32.53 1.45 -10.26	30.99 1.73 -4.64	30.90 1.50 -7.95	30.49 1.72 -4.15	33.91 2.08 -1.28	29.44 1.81 -1.45	25.90 1.69 0.00	25.06 1.53 0.00	23.44 1.25 0.00	22.23 0.96 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.15 0.85 0.00	20.89 0.76 0.00	18.88 0.77 0.00	16.89 0.73 0.00	17.35 0.73 0.00	20.85 0.84 0.00	23.86 1.22 0.00	28.37 1.61 0.00	32.55 1.88 0.00	36.08 2.17 0.00	34.27 2.12 -1.89	39.77 1.62 -14.62	34.10 1.34 -14.19	35.52 1.22 -16.86	32.63 1.55 -10.26	31.10 1.84 -4.64	30.98 1.57 -7.95	30.56 1.79 -4.15	34.00 2.18 -1.28	29.50 1.87 -1.45	25.95 1.75 0.00	25.11 1.58 0.00	23.51 1.32 0.00	22.30 1.03 0.00
PATROON__115KV_TB1 80586	23.43 0.12 0.00	20.27 0.14 0.00	18.29 0.18 0.00	16.36 0.20 0.00	16.83 0.20 0.00	20.23 0.22 0.00	23.00 0.36 0.00	27.45 0.69 0.00	31.62 0.94 0.00	35.03 1.13 0.00	33.81 1.14 -2.40	43.04 0.89 -18.63	37.42 0.73 -18.12	39.57 0.67 -21.46	34.72 0.82 -13.08	31.51 0.97 -5.91	32.44 0.84 -10.14	30.95 0.94 -5.38	33.57 1.19 -1.84	29.15 1.03 -1.93	25.12 0.91 0.00	24.30 0.76 0.00	22.77 0.57 0.00	21.61 0.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.86 0.56 0.00	20.54 0.41 0.00	18.50 0.40 0.00	16.38 0.23 0.00	16.96 0.34 0.00	20.57 0.56 0.00	23.22 0.58 0.00	27.09 0.33 0.00	30.60 -0.07 0.00	34.20 0.29 0.00	30.74 0.13 -0.34	25.12 -0.24 -1.83	18.66 -0.36 -0.44	19.71 -0.32 -2.60	21.45 -0.40 -1.04	24.81 -0.53 -0.71	21.65 -0.42 -0.61	21.73 -0.50 2.39	23.84 -0.56 6.15	23.33 -0.50 2.36	23.89 -0.32 0.00	23.51 -0.02 0.00	22.26 0.07 0.00	21.80 0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.12 0.81 0.00	20.84 0.70 0.00	18.80 0.70 0.00	16.81 0.65 0.00	17.28 0.66 0.00	20.81 0.80 0.00	23.77 1.13 0.00	28.33 1.57 0.00	32.58 1.90 0.00	36.10 2.20 0.00	34.27 2.10 -1.91	40.00 1.64 -14.83	34.26 1.29 -14.39	35.75 1.21 -17.10	32.71 1.49 -10.41	31.12 1.79 -4.71	31.09 1.57 -8.07	30.65 1.82 -4.21	34.07 2.23 -1.30	29.58 1.92 -1.48	25.95 1.74 0.00	25.10 1.57 0.00	23.47 1.28 0.00	22.25 0.98 0.00
PEEKSKILL____ 23653	23.90 0.59 0.00	20.65 0.52 0.00	18.63 0.52 0.00	16.65 0.50 0.00	17.11 0.49 0.00	20.61 0.59 0.00	23.54 0.90 0.00	28.02 1.26 0.00	32.18 1.51 0.00	35.63 1.73 0.00	33.83 1.70 -1.86	39.30 1.34 -14.43	33.65 1.08 -14.00	35.09 1.01 -16.63	32.19 1.25 -10.13	30.71 1.50 -4.58	30.62 1.32 -7.85	30.23 1.51 -4.09	33.64 1.83 -1.26	29.18 1.57 -1.43	25.65 1.45 0.00	24.84 1.30 0.00	23.25 1.06 0.00	22.06 0.79 0.00
PGE MADISON__WINDPWR 24146	24.92 1.61 0.00	21.44 1.31 0.00	19.35 1.18 -0.06	17.21 1.05 -0.02	17.73 1.11 0.00	21.53 1.52 0.00	24.68 2.04 0.00	29.24 2.47 0.00	33.32 2.64 0.00	37.71 2.88 -0.92	34.27 2.46 -1.55	30.10 1.77 -4.81	24.35 1.26 -4.51	24.23 1.19 -5.60	25.58 1.42 -3.35	27.82 1.66 -1.54	25.54 1.51 -2.57	27.50 1.86 -1.02	32.64 2.41 0.32	28.50 2.13 -0.18	26.17 1.97 0.00	25.42 1.89 0.00	23.78 1.59 0.00	22.64 1.36 0.00
PIERCEFIELD__HYD 23852	22.96 -0.35 0.00	19.80 -0.33 0.00	17.72 -0.39 0.00	15.77 -0.38 0.00	16.22 -0.40 0.00	19.55 -0.46 0.00	22.05 -0.59 0.00	26.06 -0.70 0.00	29.86 -0.81 0.00	32.85 -1.06 0.00	29.30 -0.96 0.00	22.79 -0.73 0.00	18.00 -0.58 0.00	16.91 -0.53 0.00	20.18 -0.63 0.00	23.88 -0.74 0.00	20.70 -0.76 0.00	23.86 -0.77 0.00	29.68 -0.87 0.00	25.50 -0.68 0.00	23.53 -0.67 0.00	22.86 -0.67 0.00	21.66 -0.54 0.00	21.07 -0.20 0.00
PINELAWN_CC_1 323563	34.99 1.44 -10.24	22.78 1.18 -1.47	19.21 1.11 0.00	17.21 1.05 0.00	17.69 1.07 0.00	21.33 1.32 0.00	24.44 1.80 0.00	28.86 2.09 0.00	33.22 2.54 0.00	36.75 2.85 0.00	34.85 2.70 -1.89	40.26 2.16 -14.58	34.47 1.70 -14.20	35.91 1.61 -16.86	33.38 1.99 -10.58	32.21 2.39 -5.20	31.58 2.05 -8.07	76.82 2.37 -49.83	59.40 2.91 -25.95	32.12 2.55 -3.40	26.60 2.34 -0.06	25.65 2.12 0.00	23.98 1.79 0.00	22.74 1.47 0.00
PJM_GEN_HTP_PROXY 323702	24.04 0.73 0.00	20.77 0.64 0.00	18.74 0.63 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.82 1.49 -0.56	32.46 1.79 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.68 1.53 -14.62	33.99 1.23 -14.19	35.47 1.17 -16.86	32.52 1.44 -10.26	30.57 1.74 -4.20	30.91 1.50 -7.95	30.50 1.73 -4.15	33.88 2.05 -1.28	29.41 1.77 -1.45	25.87 1.67 0.00	25.04 1.50 0.00	23.43 1.24 0.00	22.22 0.95 0.00
PJM_GEN_KEystone 24065	23.61 0.30 0.00	20.37 0.24 0.00	18.04 0.26 0.33	16.28 0.21 0.08	16.84 0.23 0.00	20.35 0.33 0.00	23.15 0.51 0.00	27.77 0.55 -0.46	30.91 0.45 0.22	29.88 0.64 4.67	27.59 0.59 3.27	32.49 0.39 -8.58	26.58 0.21 -7.80	27.70 0.22 -10.04	26.99 0.26 -5.92	27.24 0.29 -2.33	26.26 0.29 -4.51	26.21 0.30 -1.29	29.17 0.36 1.74	20.20 0.26 6.25	24.52 0.32 0.00	23.95 0.42 0.00	22.51 0.31 0.00	20.62 0.38 1.03
PJM_GEN_NEPTUNE_PROXY 323594	25.39 1.10 -0.97	21.15 0.88 -0.14	18.94 0.84 0.00	16.96 0.81 0.00	17.44 0.82 0.00	21.01 1.00 0.00	24.04 1.40 0.00	28.99 1.66 -0.56	32.70 2.03 0.00	36.18 2.27 0.00	34.35 2.19 -1.89	39.86 1.75 -14.58	34.16 1.39 -14.20	35.62 1.31 -16.86	33.03 1.64 -10.58	31.34 1.97 -4.75	31.23 1.70 -8.07	76.42 1.97 -49.83	58.87 2.38 -25.95	31.64 2.06 -3.40	26.17 1.92 -0.06	25.27 1.73 0.00	23.64 1.45 0.00	22.42 1.15 0.00
PJM_GEN_VFT_PROXY 323633	23.91 0.61 0.00	20.66 0.53 0.00	18.65 0.54 0.00	16.69 0.54 0.00	17.14 0.52 0.00	20.62 0.60 0.00	23.58 0.94 0.00	27.10 1.30 0.96	29.15 1.55 3.08	29.96 1.80 5.74	31.59 1.75 0.42	39.52 1.37 -14.62	33.87 1.10 -14.19	34.77 1.04 -16.30	32.37 1.29 -10.26	30.38 1.56 -4.20	30.77 1.36 -7.95	30.33 1.56 -4.15	33.70 1.88 -1.28	29.28 1.64 -1.45	25.76 1.56 0.00	24.92 1.39 0.00	23.33 1.14 0.00	22.12 0.85 0.00
PLATSBRG_115KV_PMLD1 355749	24.13 0.82 0.00	20.81 0.68 0.00	18.67 0.56 0.00	16.55 0.40 0.00	16.94 0.32 0.00	20.30 0.29 0.00	22.71 0.07 0.00	27.21 0.44 0.00	31.30 0.63 0.00	34.45 0.55 0.00	30.75 0.48 0.00	23.93 0.41 0.00	18.87 0.30 0.00	17.73 0.30 0.00	21.09 0.27 0.00	24.92 0.30 0.00	21.77 0.32 0.00	24.95 0.33 0.00	31.03 0.49 0.00	26.63 0.45 0.00	24.54 0.34 0.00	23.75 0.21 0.00	22.29 0.10 0.00	21.56 0.29 0.00

PLEASANTVLY___LBMP 24000	23.80 0.49 0.00	20.57 0.44 0.00	18.58 0.47 0.00	16.61 0.46 0.00	17.07 0.46 0.00	20.54 0.53 0.00	23.42 0.79 0.00	27.91 1.14 0.00	32.09 1.42 0.00	35.55 1.64 0.00	33.86 1.61 -1.99	40.23 1.27 -15.44	34.60 1.00 -15.02	36.16 0.94 -17.79	32.82 1.16 -10.84	30.92 1.40 -4.90	31.09 1.22 -8.41	30.49 1.40 -4.46	33.77 1.70 -1.53	29.25 1.46 -1.60	25.54 1.34 0.00	24.73 1.20 0.00	23.15 0.96 0.00	21.96 0.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.98 0.67 0.00	20.72 0.59 0.00	18.71 0.60 0.00	16.72 0.57 0.00	17.19 0.57 0.00	20.69 0.67 0.00	23.63 0.99 0.00	28.16 1.39 0.00	32.35 1.67 0.00	35.83 1.93 0.00	34.06 1.89 -1.90	39.76 1.47 -14.76	34.07 1.17 -14.32	35.56 1.10 -17.02	32.54 1.36 -10.36	30.95 1.63 -4.69	30.92 1.44 -8.03	30.45 1.64 -4.19	33.83 1.99 -1.29	29.35 1.70 -1.47	25.78 1.57 0.00	24.95 1.42 0.00	23.34 1.14 0.00	22.14 0.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.98 0.67 0.00	20.72 0.59 0.00	18.71 0.60 0.00	16.72 0.57 0.00	17.19 0.57 0.00	20.69 0.67 0.00	23.63 0.99 0.00	28.16 1.39 0.00	32.35 1.67 0.00	35.83 1.93 0.00	34.06 1.89 -1.90	39.76 1.47 -14.76	34.07 1.17 -14.32	35.56 1.10 -17.02	32.54 1.36 -10.36	30.95 1.63 -4.69	30.92 1.44 -8.03	30.45 1.64 -4.19	33.83 1.99 -1.29	29.35 1.70 -1.47	25.78 1.57 0.00	24.95 1.42 0.00	23.34 1.14 0.00	22.14 0.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.97 0.66 0.00	20.71 0.58 0.00	18.70 0.59 0.00	16.71 0.56 0.00	17.18 0.56 0.00	20.68 0.67 0.00	23.61 0.97 0.00	28.13 1.37 0.00	32.36 1.69 0.00	35.86 1.96 0.00	34.10 1.90 -1.94	40.04 1.47 -15.04	34.33 1.16 -14.60	35.86 1.09 -17.34	32.70 1.33 -10.56	31.00 1.60 -4.78	31.05 1.41 -8.18	30.52 1.63 -4.27	33.87 2.00 -1.32	29.40 1.72 -1.50	25.77 1.57 0.00	24.93 1.40 0.00	23.32 1.12 0.00	22.10 0.83 0.00
POLETTI____ 23519	24.01 0.70 0.00	20.75 0.62 0.00	18.73 0.62 0.00	16.75 0.60 0.00	17.21 0.59 0.00	20.72 0.70 0.00	23.68 1.04 0.00	28.21 1.45 0.00	32.41 1.73 0.00	35.90 2.00 0.00	34.08 1.93 -1.89	39.65 1.50 -14.62	33.97 1.20 -14.19	35.44 1.14 -16.86	32.49 1.41 -10.26	30.97 1.70 -4.64	30.88 1.47 -7.95	30.46 1.69 -4.15	33.85 2.03 -1.28	29.38 1.75 -1.45	25.84 1.64 0.00	25.01 1.48 0.00	23.40 1.21 0.00	22.19 0.92 0.00
POMONA___ESR 323819	23.90 0.59 0.00	20.64 0.51 0.00	18.62 0.51 0.00	16.64 0.49 0.00	17.09 0.48 0.00	20.59 0.58 0.00	23.53 0.89 0.00	27.97 1.21 0.00	32.12 1.44 0.00	35.57 1.66 0.00	33.72 1.65 -1.80	38.80 1.32 -13.96	33.18 1.07 -13.54	34.53 1.00 -16.09	31.84 1.23 -9.80	30.53 1.47 -4.43	30.35 1.31 -7.59	30.08 1.50 -3.96	33.56 1.81 -1.21	29.12 1.55 -1.38	25.63 1.43 0.00	24.83 1.30 0.00	23.24 1.04 0.00	22.06 0.79 0.00
PORT_JEFF_3 23555	29.62 1.58 -4.73	22.12 1.31 -0.68	19.32 1.21 0.00	17.32 1.16 0.00	17.81 1.19 0.00	21.46 1.45 0.00	24.59 1.95 0.00	28.98 2.22 0.00	33.37 2.70 0.00	36.95 3.05 0.00	35.02 2.87 -1.89	40.41 2.29 -14.59	34.59 1.82 -14.20	36.03 1.73 -16.86	33.52 2.12 -10.58	32.37 2.55 -5.20	31.68 2.15 -8.07	76.98 2.53 -49.83	59.62 3.12 -25.95	32.35 2.77 -3.40	26.78 2.52 -0.06	25.82 2.29 0.00	24.17 1.97 0.00	22.94 1.67 0.00
PORT_JEFF_4 23616	29.62 1.58 -4.73	22.12 1.31 -0.68	19.32 1.21 0.00	17.32 1.16 0.00	17.81 1.19 0.00	21.46 1.45 0.00	24.59 1.95 0.00	28.98 2.22 0.00	33.37 2.70 0.00	36.95 3.05 0.00	35.02 2.87 -1.89	40.41 2.29 -14.59	34.59 1.82 -14.20	36.03 1.73 -16.86	33.52 2.12 -10.58	32.37 2.55 -5.20	31.68 2.15 -8.07	76.98 2.53 -49.83	59.62 3.12 -25.95	32.35 2.77 -3.40	26.78 2.52 -0.06	25.82 2.29 0.00	24.17 1.97 0.00	22.94 1.67 0.00
PORT_JEFF_IC 23713	29.81 1.60 -4.90	22.16 1.33 -0.70	19.34 1.23 0.00	17.33 1.18 0.00	17.83 1.21 0.00	21.48 1.47 0.00	24.62 1.98 0.00	29.02 2.25 0.00	33.42 2.75 0.00	37.00 3.10 0.00	35.08 2.92 -1.89	40.45 2.33 -14.59	34.62 1.84 -14.20	36.06 1.76 -16.86	33.55 2.16 -10.58	32.41 2.59 -5.20	31.71 2.18 -8.07	77.01 2.56 -49.83	59.68 3.18 -25.95	32.40 2.82 -3.40	26.83 2.57 -0.06	25.87 2.33 0.00	24.20 2.01 0.00	22.96 1.69 0.00
PPL PILGRIM_ST_GT1 24216	30.59 1.63 -5.65	22.31 1.37 -0.81	19.36 1.25 0.00	17.35 1.20 0.00	17.84 1.22 0.00	21.51 1.50 0.00	24.65 2.01 0.00	29.04 2.28 0.00	33.44 2.77 0.00	37.02 3.12 0.00	35.08 2.92 -1.89	40.46 2.34 -14.59	34.63 1.86 -14.20	36.07 1.76 -16.86	33.56 2.16 -10.58	32.43 2.61 -5.20	31.75 2.22 -8.07	77.05 2.60 -49.83	59.66 3.17 -25.95	32.38 2.80 -3.40	26.82 2.56 -0.06	25.85 2.31 0.00	24.18 1.99 0.00	22.95 1.68 0.00
PPL PILGRIM_ST_GT2 24217	30.59 1.63 -5.65	22.31 1.37 -0.81	19.36 1.25 0.00	17.35 1.20 0.00	17.84 1.22 0.00	21.51 1.50 0.00	24.65 2.01 0.00	29.04 2.28 0.00	33.44 2.77 0.00	37.02 3.12 0.00	35.08 2.92 -1.89	40.46 2.34 -14.59	34.63 1.86 -14.20	36.07 1.76 -16.86	33.56 2.16 -10.58	32.43 2.61 -5.20	31.75 2.22 -8.07	77.05 2.60 -49.83	59.66 3.17 -25.95	32.38 2.80 -3.40	26.82 2.56 -0.06	25.85 2.31 0.00	24.18 1.99 0.00	22.95 1.68 0.00
PPL_SHRM_GT3 24213	29.86 1.74 -4.81	22.26 1.44 -0.69	19.45 1.34 0.00	17.44 1.29 0.00	17.93 1.32 0.00	21.61 1.60 0.00	24.78 2.14 0.00	29.19 2.43 0.00	33.64 2.96 0.00	37.26 3.35 0.00	35.31 3.16 -1.89	40.62 2.51 -14.59	34.74 1.97 -14.20	36.19 1.89 -16.86	33.70 2.30 -10.58	32.58 2.76 -5.20	31.87 2.34 -8.07	77.21 2.75 -49.83	59.91 3.42 -25.95	32.61 3.03 -3.40	27.02 2.76 -0.06	26.04 2.50 0.00	24.36 2.16 0.00	23.10 1.83 0.00
PPL_SHRM_GT4 24214	29.86 1.74 -4.81	22.26 1.44 -0.69	19.45 1.34 0.00	17.44 1.29 0.00	17.93 1.32 0.00	21.61 1.60 0.00	24.78 2.14 0.00	29.19 2.43 0.00	33.64 2.96 0.00	37.26 3.35 0.00	35.31 3.16 -1.89	40.62 2.51 -14.59	34.74 1.97 -14.20	36.19 1.89 -16.86	33.70 2.30 -10.58	32.58 2.76 -5.20	31.87 2.34 -8.07	77.21 2.75 -49.83	59.91 3.42 -25.95	32.61 3.03 -3.40	27.02 2.76 -0.06	26.04 2.50 0.00	24.36 2.16 0.00	23.10 1.83 0.00
PROJECT___ORANGE 1 24174	23.35 0.04 0.00	20.15 0.01 0.00	18.13 0.02 0.00	16.15 0.00 0.00	16.64 0.02 0.00	20.07 0.06 0.00	22.75 0.11 0.00	26.74 -0.02 0.00	30.48 -0.19 0.00	33.65 -0.25 0.00	30.15 -0.32 -0.21	24.86 -0.27 -1.60	19.90 -0.23 -1.56	19.07 -0.22 -1.85	21.67 -0.26 -1.13	24.83 -0.30 -0.51	22.09 -0.23 -0.87	24.81 -0.28 -0.46	30.38 -0.33 -0.16	26.07 -0.28 -0.17	23.95 -0.25 0.00	23.35 -0.18 0.00	22.17 -0.02 0.00	21.30 0.02 0.00
PROJECT___ORANGE 2 24166	23.35 0.04 0.00	20.15 0.01 0.00	18.13 0.02 0.00	16.15 0.00 0.00	16.64 0.02 0.00	20.07 0.06 0.00	22.75 0.11 0.00	26.74 -0.02 0.00	30.48 -0.19 0.00	33.65 -0.25 0.00	30.15 -0.32 -0.21	24.86 -0.27 -1.60	19.90 -0.23 -1.56	19.07 -0.22 -1.85	21.67 -0.26 -1.13	24.83 -0.30 -0.51	22.09 -0.23 -0.87	24.81 -0.28 -0.46	30.38 -0.33 -0.16	26.07 -0.28 -0.17	23.95 -0.25 0.00	23.35 -0.18 0.00	22.17 -0.02 0.00	21.30 0.02 0.00

PUCKETT___SOLAR 323809	23.86 0.56 0.00	20.58 0.45 0.00	18.59 0.41 -0.06	16.52 0.35 -0.02	17.00 0.38 0.00	20.55 0.53 0.00	23.42 0.78 0.00	27.67 0.91 0.00	31.60 0.92 0.00	36.21 1.06 -1.24	32.97 0.80 -1.90	29.05 0.55 -4.97	23.57 0.37 -4.63	23.55 0.30 -5.81	24.63 0.36 -3.46	26.63 0.41 -1.60	24.63 0.52 -2.65	26.25 0.64 -0.98	30.89 0.84 0.50	27.06 0.76 -0.12	24.93 0.72 0.00	24.30 0.76 0.00	22.80 0.60 0.00	21.84 0.56 0.00
PYRITES___HYD 24023	23.42 0.11 0.00	20.19 0.05 0.00	18.05 -0.06 0.00	16.08 -0.07 0.00	16.56 -0.06 0.00	19.98 -0.03 0.00	22.57 -0.07 0.00	26.64 -0.11 0.00	30.47 -0.20 0.00	33.49 -0.41 0.00	29.88 -0.39 0.00	23.25 -0.27 0.00	18.33 -0.24 0.00	17.26 -0.18 0.00	20.58 -0.23 0.00	24.38 -0.25 0.00	21.07 -0.38 0.00	24.35 -0.28 0.00	30.36 -0.19 0.00	26.11 -0.08 0.00	24.08 -0.13 0.00	23.38 -0.16 0.00	22.08 -0.11 0.00	21.41 0.14 0.00
QUAKERRD_115KV_BK1 80622	23.09 -0.22 0.00	19.90 -0.23 0.00	17.91 -0.20 0.00	15.92 -0.24 0.00	16.44 -0.18 0.00	19.89 -0.12 0.00	22.48 -0.16 0.00	26.33 -0.43 0.00	29.89 -0.79 0.00	33.08 -0.82 0.00	29.70 -0.82 -0.25	24.85 -0.74 -2.07	20.05 -0.69 -2.17	19.12 -0.65 -2.32	21.47 -0.82 -1.48	24.33 -0.93 -0.64	21.83 -0.79 -1.17	24.65 -0.92 -0.95	30.43 -1.08 -0.96	25.74 -0.97 -0.52	23.34 -0.86 0.00	22.79 -0.74 0.00	21.63 -0.56 0.00	20.96 -0.31 0.00
QUEENSBRY_115KV_TB8 356137	24.52 1.22 0.00	21.18 1.05 0.00	19.09 0.98 0.00	17.07 0.91 0.00	17.59 0.97 0.00	21.28 1.26 0.00	24.18 1.54 0.00	29.08 2.32 0.00	33.62 2.95 0.00	37.23 3.33 0.00	35.88 3.16 -2.45	44.96 2.39 -19.04	38.99 1.89 -18.52	41.14 1.77 -21.93	36.27 2.08 -13.37	33.08 2.41 -6.04	33.85 2.03 -10.37	32.42 2.30 -5.50	35.22 2.79 -1.88	30.49 2.33 -1.98	26.35 2.15 0.00	25.44 1.91 0.00	23.87 1.67 0.00	22.67 1.40 0.00
RAMAPO___LBMP 323565	23.80 0.50 0.00	20.56 0.43 0.00	18.55 0.45 0.00	16.58 0.43 0.00	17.03 0.42 0.00	20.52 0.51 0.00	23.44 0.80 0.00	27.86 1.09 0.00	31.98 1.31 0.00	35.40 1.50 0.00	33.57 1.50 -1.79	38.62 1.20 -13.90	33.04 0.98 -13.48	34.38 0.92 -16.02	31.70 1.13 -9.75	30.38 1.35 -4.42	30.21 1.20 -7.56	29.94 1.38 -3.94	33.42 1.67 -1.20	28.98 1.42 -1.38	25.52 1.31 0.00	24.71 1.18 0.00	23.14 0.95 0.00	21.98 0.71 0.00
RANKINE____ 23646	23.94 0.63 0.00	20.62 0.49 0.00	18.56 0.45 0.00	16.44 0.29 0.00	17.02 0.40 0.00	20.64 0.63 0.00	23.27 0.63 0.00	27.11 0.35 0.00	30.58 -0.09 0.00	34.13 0.22 0.00	30.66 0.06 -0.33	25.04 -0.26 -1.77	18.49 -0.43 -0.35	19.58 -0.40 -2.54	21.29 -0.51 -0.99	24.71 -0.61 -0.70	21.53 -0.50 -0.57	21.51 -0.64 2.48	23.51 -0.73 6.31	23.12 -0.64 2.42	23.76 -0.45 0.00	23.38 -0.15 0.00	22.16 -0.03 0.00	21.73 0.46 0.00
RAVENSWOOD_GT2_1 24244	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.25 1.49 0.00	32.45 1.77 0.00	35.94 2.03 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	33.99 1.23 -14.19	35.45 1.16 -16.86	32.51 1.44 -10.26	31.00 1.73 -4.64	30.91 1.50 -7.95	30.50 1.72 -4.15	33.89 2.07 -1.28	29.41 1.78 -1.45	25.87 1.67 0.00	25.04 1.50 0.00	23.43 1.23 0.00	22.21 0.94 0.00
RAVENSWOOD_GT2_2 24245	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.25 1.49 0.00	32.45 1.77 0.00	35.94 2.03 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	33.99 1.23 -14.19	35.45 1.16 -16.86	32.51 1.44 -10.26	31.00 1.73 -4.64	30.91 1.50 -7.95	30.50 1.72 -4.15	33.89 2.07 -1.28	29.41 1.78 -1.45	25.87 1.67 0.00	25.04 1.50 0.00	23.43 1.23 0.00	22.21 0.94 0.00
RAVENSWOOD_GT2_3 24246	24.06 0.75 0.00	20.79 0.65 0.00	18.76 0.65 0.00	16.77 0.62 0.00	17.23 0.62 0.00	20.75 0.74 0.00	23.72 1.09 0.00	28.26 1.50 0.00	32.47 1.79 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.62	34.00 1.24 -14.19	35.47 1.17 -16.86	32.53 1.45 -10.26	31.02 1.75 -4.64	30.92 1.51 -7.95	30.51 1.74 -4.15	33.91 2.08 -1.28	29.43 1.80 -1.45	25.89 1.68 0.00	25.06 1.52 0.00	23.44 1.25 0.00	22.23 0.96 0.00
RAVENSWOOD_GT2_4 24247	24.06 0.75 0.00	20.79 0.65 0.00	18.76 0.65 0.00	16.77 0.62 0.00	17.23 0.62 0.00	20.75 0.74 0.00	23.72 1.09 0.00	28.26 1.50 0.00	32.47 1.79 0.00	35.96 2.06 0.00	34.13 1.98 -1.89	39.70 1.55 -14.62	34.00 1.24 -14.19	35.47 1.17 -16.86	32.53 1.45 -10.26	31.02 1.75 -4.64	30.92 1.51 -7.95	30.51 1.74 -4.15	33.91 2.08 -1.28	29.43 1.80 -1.45	25.89 1.68 0.00	25.06 1.52 0.00	23.44 1.25 0.00	22.23 0.96 0.00
RAVENSWOOD_GT3_1 24248	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.25 1.49 0.00	32.45 1.77 0.00	35.94 2.04 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	34.00 1.23 -14.19	35.45 1.16 -16.86	32.52 1.44 -10.26	31.00 1.73 -4.64	30.91 1.50 -7.95	30.50 1.73 -4.15	33.89 2.07 -1.28	29.41 1.78 -1.45	25.87 1.67 0.00	25.04 1.51 0.00	23.43 1.23 0.00	22.22 0.94 0.00
RAVENSWOOD_GT3_2 24249	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.25 1.49 0.00	32.45 1.77 0.00	35.94 2.04 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	34.00 1.23 -14.19	35.45 1.16 -16.86	32.52 1.44 -10.26	31.00 1.73 -4.64	30.91 1.50 -7.95	30.50 1.73 -4.15	33.89 2.07 -1.28	29.41 1.78 -1.45	25.87 1.67 0.00	25.04 1.51 0.00	23.43 1.23 0.00	22.22 0.94 0.00
RAVENSWOOD_GT3_3 24250	24.08 0.77 0.00	20.81 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.25 0.64 0.00	20.78 0.77 0.00	23.75 1.11 0.00	28.30 1.53 0.00	32.51 1.83 0.00	36.01 2.10 0.00	34.19 2.03 -1.89	39.73 1.58 -14.62	34.03 1.26 -14.19	35.49 1.19 -16.86	32.56 1.48 -10.26	31.05 1.78 -4.64	30.95 1.54 -7.95	30.54 1.77 -4.15	33.95 2.13 -1.28	29.46 1.83 -1.45	25.92 1.71 0.00	25.08 1.55 0.00	23.47 1.27 0.00	22.25 0.98 0.00
RAVENSWOOD_GT3_4 24251	24.08 0.77 0.00	20.81 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.25 0.64 0.00	20.78 0.77 0.00	23.75 1.11 0.00	28.30 1.53 0.00	32.51 1.83 0.00	36.01 2.10 0.00	34.19 2.03 -1.89	39.73 1.58 -14.62	34.03 1.26 -14.19	35.49 1.19 -16.86	32.56 1.48 -10.26	31.05 1.78 -4.64	30.95 1.54 -7.95	30.54 1.77 -4.15	33.95 2.13 -1.28	29.46 1.83 -1.45	25.92 1.71 0.00	25.08 1.55 0.00	23.47 1.27 0.00	22.25 0.98 0.00
RAVENSWOOD_GT_1 23729	24.10 0.80 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.59 0.00	32.56 1.89 0.00	36.06 2.15 0.00	34.23 2.08 -1.89	39.77 1.62 -14.62	34.06 1.30 -14.19	35.52 1.22 -16.86	32.60 1.52 -10.26	31.10 1.83 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.28 1.01 0.00



RAVENSWOOD_GT_10 24258	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.24 1.48 0.00	32.44 1.77 0.00	35.93 2.03 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	33.99 1.23 -14.19	35.45 1.16 -16.86	32.51 1.44 -10.26	30.99 1.73 -4.64	30.91 1.50 -7.95	30.49 1.72 -4.15	33.89 2.07 -1.28	29.41 1.77 -1.45	25.87 1.66 0.00	25.03 1.50 0.00	23.43 1.23 0.00	22.21 0.94 0.00
RAVENSWOOD_GT_11 24259	24.04 0.73 0.00	20.77 0.64 0.00	18.74 0.63 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.25 1.48 0.00	32.44 1.77 0.00	35.93 2.03 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	33.99 1.22 -14.19	35.45 1.16 -16.86	32.51 1.44 -10.26	30.99 1.73 -4.64	30.91 1.50 -7.95	30.49 1.72 -4.15	33.89 2.06 -1.28	29.41 1.77 -1.45	25.87 1.66 0.00	25.04 1.50 0.00	23.42 1.23 0.00	22.21 0.94 0.00
RAVENSWOOD_GT_4 24252	24.03 0.72 0.00	20.76 0.63 0.00	18.74 0.63 0.00	16.75 0.60 0.00	17.22 0.60 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.23 1.46 0.00	32.42 1.75 0.00	35.91 2.01 0.00	34.10 1.94 -1.89	39.67 1.52 -14.62	33.98 1.21 -14.19	35.44 1.15 -16.86	32.49 1.42 -10.26	30.98 1.71 -4.64	30.89 1.48 -7.95	30.48 1.71 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.86 1.65 0.00	25.02 1.49 0.00	23.41 1.22 0.00	22.20 0.93 0.00
RAVENSWOOD_GT_5 24254	24.03 0.72 0.00	20.76 0.63 0.00	18.74 0.63 0.00	16.75 0.60 0.00	17.22 0.60 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.23 1.46 0.00	32.42 1.75 0.00	35.91 2.01 0.00	34.10 1.94 -1.89	39.67 1.52 -14.62	33.98 1.21 -14.19	35.44 1.15 -16.86	32.49 1.42 -10.26	30.98 1.71 -4.64	30.89 1.48 -7.95	30.48 1.71 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.86 1.65 0.00	25.02 1.49 0.00	23.41 1.22 0.00	22.20 0.93 0.00
RAVENSWOOD_GT_6 24253	24.03 0.72 0.00	20.76 0.63 0.00	18.74 0.63 0.00	16.75 0.60 0.00	17.22 0.60 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.23 1.46 0.00	32.42 1.75 0.00	35.91 2.01 0.00	34.10 1.94 -1.89	39.67 1.52 -14.62	33.98 1.21 -14.19	35.44 1.15 -16.86	32.49 1.42 -10.26	30.98 1.71 -4.64	30.89 1.48 -7.95	30.48 1.71 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.86 1.65 0.00	25.02 1.49 0.00	23.41 1.22 0.00	22.20 0.93 0.00
RAVENSWOOD_GT_7 24255	24.03 0.72 0.00	20.76 0.63 0.00	18.74 0.63 0.00	16.75 0.60 0.00	17.22 0.60 0.00	20.73 0.72 0.00	23.70 1.06 0.00	28.23 1.46 0.00	32.42 1.75 0.00	35.91 2.01 0.00	34.10 1.94 -1.89	39.67 1.52 -14.62	33.98 1.21 -14.19	35.44 1.15 -16.86	32.49 1.42 -10.26	30.98 1.71 -4.64	30.89 1.48 -7.95	30.48 1.71 -4.15	33.87 2.05 -1.28	29.40 1.77 -1.45	25.86 1.65 0.00	25.02 1.49 0.00	23.41 1.22 0.00	22.20 0.93 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.24 1.48 0.00	32.44 1.77 0.00	35.93 2.03 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	33.99 1.23 -14.19	35.45 1.16 -16.86	32.51 1.44 -10.26	30.99 1.73 -4.64	30.91 1.50 -7.95	30.49 1.72 -4.15	33.89 2.07 -1.28	29.41 1.77 -1.45	25.87 1.66 0.00	25.03 1.50 0.00	23.43 1.23 0.00	22.21 0.94 0.00
RAVENSWOOD_GT_9 24257	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.76 0.61 0.00	17.23 0.61 0.00	20.74 0.73 0.00	23.71 1.07 0.00	28.24 1.48 0.00	32.44 1.77 0.00	35.93 2.03 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	33.99 1.23 -14.19	35.45 1.16 -16.86	32.51 1.44 -10.26	30.99 1.73 -4.64	30.91 1.50 -7.95	30.49 1.72 -4.15	33.89 2.07 -1.28	29.41 1.77 -1.45	25.87 1.66 0.00	25.03 1.50 0.00	23.43 1.23 0.00	22.21 0.94 0.00
RAVENSWOOD___1 23533	24.10 0.80 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.59 0.00	32.56 1.89 0.00	36.06 2.15 0.00	34.23 2.08 -1.89	39.77 1.62 -14.62	34.06 1.30 -14.19	35.52 1.22 -16.86	32.60 1.52 -10.26	31.10 1.83 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.28 1.01 0.00
RAVENSWOOD___2 23534	24.10 0.80 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.59 0.00	32.56 1.89 0.00	36.06 2.15 0.00	34.23 2.08 -1.89	39.77 1.62 -14.62	34.06 1.30 -14.19	35.52 1.22 -16.86	32.60 1.52 -10.26	31.10 1.83 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.28 1.01 0.00
RAVENSWOOD___3 23535	24.04 0.73 0.00	20.77 0.64 0.00	18.75 0.64 0.00	16.77 0.61 0.00	17.23 0.61 0.00	20.75 0.73 0.00	23.71 1.07 0.00	28.25 1.49 0.00	32.45 1.78 0.00	35.94 2.04 0.00	34.12 1.97 -1.89	39.68 1.53 -14.62	34.00 1.23 -14.19	35.45 1.16 -16.86	32.52 1.44 -10.26	31.00 1.73 -4.64	30.91 1.50 -7.95	30.50 1.72 -4.15	33.89 2.06 -1.28	29.41 1.78 -1.45	25.87 1.67 0.00	25.04 1.51 0.00	23.43 1.24 0.00	22.22 0.94 0.00
RAVENSWOOD___4 23820	24.10 0.80 0.00	20.83 0.70 0.00	18.80 0.69 0.00	16.81 0.66 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.59 0.00	32.56 1.89 0.00	36.06 2.15 0.00	34.23 2.08 -1.89	39.77 1.62 -14.62	34.06 1.30 -14.19	35.52 1.22 -16.86	32.60 1.52 -10.26	31.10 1.83 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.97 2.15 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.28 1.01 0.00
RCPL_TRUST___DRP 24196	24.07 0.76 0.00	20.79 0.66 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.24 0.63 0.00	20.77 0.76 0.00	23.74 1.10 0.00	28.30 1.54 0.00	32.52 1.84 0.00	36.03 2.13 0.00	34.19 2.04 -1.89	39.73 1.58 -14.62	34.03 1.26 -14.19	35.50 1.20 -16.86	32.56 1.48 -10.26	31.06 1.79 -4.64	30.95 1.54 -7.95	30.54 1.77 -4.15	33.94 2.11 -1.28	29.45 1.81 -1.45	25.91 1.71 0.00	25.08 1.54 0.00	23.46 1.27 0.00	22.25 0.98 0.00
RED___ROCHESTER 323720	23.74 0.42 0.00	20.44 0.31 0.00	18.26 0.29 0.14	16.29 0.17 0.03	16.87 0.26 0.00	20.44 0.42 0.00	23.09 0.45 0.00	27.00 0.24 0.00	30.60 -0.07 0.00	32.02 0.06 1.94	28.60 0.01 1.68	25.60 -0.12 -2.19	20.74 -0.27 -2.44	19.61 -0.23 -2.41	22.08 -0.33 -1.60	24.94 -0.34 -0.66	22.46 -0.28 -1.28	25.57 -0.37 -1.31	31.88 -0.36 -1.69	26.63 -0.37 -0.82	23.91 -0.30 0.00	23.36 -0.17 0.00	22.18 -0.02 0.00	21.54 0.26 0.00
REGAN___SOLAR 323812	25.78 2.47 0.00	22.17 2.03 0.00	19.92 1.81 0.00	17.71 1.56 0.00	18.25 1.64 0.00	22.14 2.13 0.00	25.31 2.68 0.00	29.89 3.13 0.00	34.17 3.49 0.00	37.53 3.63 0.00	36.03 3.29 -2.47	44.99 2.26 -19.20	38.89 1.64 -18.67	41.09 1.54 -22.12	36.20 1.91 -13.48	33.16 2.45 -6.09	34.09 2.18 -10.45	32.84 2.67 -5.54	35.83 3.39 -1.90	31.07 2.89 -1.99	26.77 2.57 0.00	26.07 2.54 0.00	24.52 2.32 0.00	23.42 2.15 0.00

RENSSELAER___COGEN 23796	23.29 -0.02 0.00	20.16 0.03 0.00	18.19 0.08 0.00	16.27 0.12 0.00	16.73 0.12 0.00	20.11 0.10 0.00	22.86 0.22 0.00	27.28 0.52 0.00	31.43 0.75 0.00	34.81 0.90 0.00	33.58 0.93 -2.38	42.73 0.73 -18.48	37.14 0.60 -17.97	39.27 0.55 -21.28	34.46 0.68 -12.97	31.29 0.80 -5.86	32.20 0.69 -10.06	30.73 0.77 -5.34	33.35 0.97 -1.82	28.95 0.85 -1.92	24.96 0.76 0.00	24.15 0.62 0.00	22.63 0.43 0.00	21.48 0.21 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.98 1.67 0.00	21.55 1.42 0.00	19.44 1.34 0.00	17.38 1.23 0.00	17.98 1.36 0.00	21.89 1.87 0.00	24.83 2.19 0.00	30.23 3.47 0.00	35.34 4.66 0.00	39.06 5.16 0.00	37.76 5.04 -2.45	46.24 3.69 -19.03	40.03 2.95 -18.51	42.15 2.78 -21.92	37.42 3.25 -13.37	34.34 3.67 -6.04	35.13 3.31 -10.36	33.83 3.71 -5.50	37.07 4.64 -1.88	32.04 3.88 -1.98	27.47 3.27 0.00	26.44 2.91 0.00	24.56 2.37 0.00	23.33 2.06 0.00
REVERE_CPPR_DRP 24186	24.03 0.72 0.00	20.73 0.60 0.00	18.65 0.54 0.00	16.62 0.46 0.00	17.14 0.52 0.00	20.71 0.70 0.00	23.61 0.97 0.00	27.90 1.14 0.00	31.93 1.25 0.00	35.20 1.29 0.00	31.42 1.04 -0.11	25.23 0.83 -0.88	20.04 0.61 -0.85	18.98 0.53 -1.01	22.06 0.63 -0.62	25.67 0.77 -0.28	22.64 0.71 -0.48	25.83 0.96 -0.25	31.91 1.28 -0.09	27.39 1.11 -0.09	25.21 1.01 0.00	24.46 0.93 0.00	23.00 0.81 0.00	22.01 0.74 0.00
REYNOLDS_115KV_TB3 80639	23.45 0.14 0.00	20.31 0.18 0.00	18.33 0.22 0.00	16.40 0.25 0.00	16.86 0.24 0.00	20.25 0.24 0.00	23.00 0.36 0.00	27.49 0.72 0.00	31.67 0.99 0.00	35.09 1.19 0.00	33.84 1.19 -2.38	42.94 0.92 -18.49	37.31 0.75 -17.98	39.43 0.70 -21.29	34.65 0.86 -12.98	31.50 1.01 -5.87	32.38 0.86 -10.07	30.93 0.96 -5.34	33.59 1.21 -1.83	29.16 1.06 -1.92	25.15 0.95 0.00	24.34 0.80 0.00	22.80 0.61 0.00	21.64 0.36 0.00
RIVERBAY____ 323610	24.15 0.85 0.00	20.89 0.76 0.00	18.88 0.77 0.00	16.89 0.73 0.00	17.35 0.73 0.00	20.85 0.84 0.00	23.86 1.22 0.00	28.37 1.61 0.00	32.55 1.88 0.00	36.08 2.17 0.00	34.27 2.12 -1.89	39.77 1.62 -14.62	34.10 1.34 -14.19	35.52 1.22 -16.86	32.63 1.55 -10.26	31.10 1.84 -4.64	30.98 1.57 -7.95	30.56 1.79 -4.15	34.00 2.18 -1.28	29.50 1.87 -1.45	25.95 1.75 0.00	25.11 1.58 0.00	23.51 1.32 0.00	22.30 1.03 0.00
RIVERSDE_115KV_TB3 55908	23.39 0.08 0.00	20.25 0.11 0.00	18.27 0.16 0.00	16.35 0.19 0.00	16.80 0.19 0.00	20.20 0.19 0.00	22.95 0.31 0.00	27.41 0.65 0.00	31.58 0.90 0.00	34.99 1.09 0.00	33.75 1.10 -2.39	42.91 0.86 -18.53	37.29 0.70 -18.02	39.43 0.65 -21.34	34.62 0.80 -13.01	31.44 0.94 -5.88	32.35 0.80 -10.09	30.87 0.90 -5.35	33.51 1.13 -1.83	29.09 0.98 -1.92	25.09 0.88 0.00	24.27 0.73 0.00	22.74 0.54 0.00	21.58 0.31 0.00
ROARING___BROOK_WT_PWR 323790	23.28 -0.03 0.00	20.04 -0.08 0.00	18.09 -0.02 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.02 0.00 0.00	22.68 0.04 0.00	26.87 0.11 0.00	30.80 0.12 0.00	34.04 0.14 0.00	30.39 0.12 0.00	23.62 0.10 0.00	18.65 0.07 0.00	17.51 0.07 0.00	20.89 0.08 0.00	24.72 0.10 0.00	21.46 0.01 0.00	24.65 0.02 0.00	30.60 0.05 0.00	26.07 -0.11 0.00	24.06 -0.14 0.00	23.51 -0.02 0.00	22.16 -0.03 0.00	21.28 0.01 0.00
ROCHESRG_115KV_T4 355643	23.53 0.22 0.00	20.28 0.15 0.00	18.25 0.14 0.00	16.21 0.05 0.00	16.75 0.13 0.00	20.27 0.26 0.00	22.88 0.24 0.00	26.76 -0.01 0.00	30.33 -0.34 0.00	33.63 -0.27 0.00	30.20 -0.32 -0.26	25.32 -0.39 -2.18	20.56 -0.47 -2.45	19.41 -0.43 -2.40	21.84 -0.57 -1.59	24.66 -0.62 -0.66	22.21 -0.53 -1.28	25.30 -0.65 -1.33	31.54 -0.75 -1.74	26.34 -0.69 -0.84	23.63 -0.58 0.00	23.11 -0.42 0.00	21.95 -0.24 0.00	21.34 0.06 0.00
ROCHESTER_9_IC 23652	23.64 0.33 0.00	20.37 0.23 0.00	18.33 0.22 0.00	16.28 0.12 0.00	16.81 0.20 0.00	20.36 0.35 0.00	22.99 0.35 0.00	26.89 0.13 0.00	30.49 -0.19 0.00	33.80 -0.10 0.00	30.37 -0.15 -0.26	25.47 -0.25 -2.19	20.66 -0.36 -2.44	19.52 -0.32 -2.41	21.96 -0.44 -1.60	24.81 -0.48 -0.66	22.33 -0.41 -1.28	25.43 -0.51 -1.31	31.68 -0.56 -1.69	26.48 -0.53 -0.82	23.77 -0.43 0.00	23.24 -0.29 0.00	22.07 -0.13 0.00	21.44 0.17 0.00
ROCKVIEW_13_KV_LD 356306	24.08 0.77 0.00	20.80 0.66 0.00	18.77 0.66 0.00	16.78 0.62 0.00	17.24 0.63 0.00	20.77 0.75 0.00	23.73 1.09 0.00	28.27 1.50 0.00	32.47 1.80 0.00	35.96 2.06 0.00	34.14 1.99 -1.89	39.71 1.56 -14.62	34.01 1.25 -14.19	35.47 1.18 -16.86	32.52 1.44 -10.26	31.00 1.74 -4.64	30.93 1.52 -7.95	30.52 1.75 -4.15	33.93 2.11 -1.28	29.44 1.80 -1.45	25.88 1.67 0.00	25.05 1.52 0.00	23.44 1.24 0.00	22.22 0.95 0.00
ROME____115KV_TB2 80656	24.03 0.72 0.00	20.73 0.60 0.00	18.65 0.54 0.00	16.62 0.46 0.00	17.14 0.52 0.00	20.71 0.70 0.00	23.61 0.97 0.00	27.90 1.14 0.00	31.93 1.25 0.00	35.20 1.29 0.00	31.42 1.04 -0.11	25.23 0.83 -0.88	20.04 0.61 -0.85	18.98 0.53 -1.01	22.06 0.63 -0.62	25.67 0.77 -0.28	22.64 0.71 -0.48	25.83 0.96 -0.25	31.91 1.28 -0.09	27.39 1.11 -0.09	25.21 1.01 0.00	24.46 0.93 0.00	23.00 0.81 0.00	22.01 0.74 0.00
ROSETON___1 23587	23.79 0.48 0.00	20.57 0.44 0.00	18.56 0.46 0.00	16.60 0.45 0.00	17.06 0.44 0.00	20.53 0.52 0.00	23.41 0.78 0.00	27.88 1.12 0.00	32.04 1.37 0.00	35.49 1.59 0.00	33.71 1.55 -1.89	39.37 1.22 -14.62	33.73 0.97 -14.19	35.21 0.92 -16.85	32.20 1.12 -10.26	30.62 1.35 -4.64	30.59 1.19 -7.95	30.13 1.36 -4.15	33.47 1.64 -1.28	29.06 1.42 -1.45	25.51 1.31 0.00	24.71 1.17 0.00	23.13 0.94 0.00	21.95 0.68 0.00
ROSETON___2 23588	23.79 0.48 0.00	20.57 0.44 0.00	18.56 0.46 0.00	16.60 0.45 0.00	17.06 0.44 0.00	20.53 0.52 0.00	23.41 0.78 0.00	27.88 1.12 0.00	32.04 1.37 0.00	35.49 1.59 0.00	33.71 1.55 -1.89	39.37 1.22 -14.62	33.73 0.97 -14.19	35.21 0.92 -16.85	32.20 1.12 -10.26	30.62 1.35 -4.64	30.59 1.19 -7.95	30.13 1.36 -4.15	33.47 1.64 -1.28	29.06 1.42 -1.45	25.51 1.31 0.00	24.71 1.17 0.00	23.13 0.94 0.00	21.95 0.68 0.00
ROTTTRDAM_115KV_TB3 80664	23.90 0.60 0.00	20.65 0.53 0.00	18.62 0.51 0.00	16.64 0.49 0.00	17.11 0.49 0.00	20.62 0.60 0.00	23.43 0.79 0.00	27.91 1.15 0.00	32.07 1.39 0.00	35.48 1.58 0.00	34.24 1.50 -2.47	43.87 1.15 -19.20	38.16 0.91 -18.67	40.40 0.85 -22.12	35.32 1.02 -13.48	31.93 1.21 -6.09	32.96 1.05 -10.45	31.37 1.20 -5.54	33.93 1.49 -1.90	29.45 1.27 -1.99	25.36 1.16 0.00	24.58 1.05 0.00	23.08 0.88 0.00	21.97 0.70 0.00
RUSSELL___1 23602	23.74 0.43 0.00	20.44 0.31 0.00	18.39 0.28 0.00	16.33 0.17 0.00	16.87 0.26 0.00	20.44 0.42 0.00	23.09 0.45 0.00	27.01 0.24 0.00	30.61 -0.06 0.00	33.95 0.05 0.00	30.52 -0.12 -0.26	25.59 -0.12 -2.19	20.75 -0.27 -2.44	19.61 -0.24 -2.41	22.07 -0.34 -1.60	24.93 -0.36 -0.66	22.45 -0.29 -1.28	25.56 -0.38 -1.31	31.85 -0.39 -1.69	26.63 -0.37 -0.82	23.91 -0.30 0.00	23.36 -0.17 0.00	22.17 -0.02 0.00	21.53 0.26 0.00

RUSSELL___2 23532	23.74 0.43 0.00	20.44 0.31 0.00	18.39 0.28 0.00	16.33 0.17 0.00	16.87 0.26 0.00	20.44 0.42 0.00	23.09 0.45 0.00	27.01 0.24 0.00	30.61 -0.06 0.00	33.95 0.05 0.00	30.52 0.00 -0.26	25.59 -0.12 -2.19	20.75 -0.27 -2.44	19.61 -0.24 -2.41	22.07 -0.34 -1.60	24.93 -0.36 -0.66	22.45 -0.29 -1.28	25.56 -0.38 -1.31	31.85 -0.39 -1.69	26.63 -0.37 -0.82	23.91 -0.30 0.00	23.36 -0.17 0.00	22.17 -0.02 0.00	21.53 0.26 0.00
RUSSELL___3 23549	23.74 0.43 0.00	20.44 0.31 0.00	18.39 0.28 0.00	16.33 0.17 0.00	16.87 0.26 0.00	20.44 0.42 0.00	23.09 0.45 0.00	27.01 0.24 0.00	30.61 -0.06 0.00	33.95 0.05 0.00	30.52 0.00 -0.26	25.59 -0.12 -2.19	20.75 -0.27 -2.44	19.61 -0.24 -2.41	22.07 -0.34 -1.60	24.93 -0.36 -0.66	22.45 -0.29 -1.28	25.56 -0.38 -1.31	31.85 -0.39 -1.69	26.63 -0.37 -0.82	23.91 -0.30 0.00	23.36 -0.17 0.00	22.17 -0.02 0.00	21.53 0.26 0.00
RUSSELL___4 23556	23.74 0.43 0.00	20.44 0.31 0.00	18.39 0.28 0.00	16.33 0.17 0.00	16.87 0.26 0.00	20.44 0.42 0.00	23.09 0.45 0.00	27.01 0.24 0.00	30.61 -0.06 0.00	33.95 0.05 0.00	30.52 0.00 -0.26	25.59 -0.12 -2.19	20.75 -0.27 -2.44	19.61 -0.24 -2.41	22.07 -0.34 -1.60	24.93 -0.36 -0.66	22.45 -0.29 -1.28	25.56 -0.38 -1.31	31.85 -0.39 -1.69	26.63 -0.37 -0.82	23.91 -0.30 0.00	23.36 -0.17 0.00	22.17 -0.02 0.00	21.53 0.26 0.00
RUSSELL___STATION 23914	23.74 0.43 0.00	20.44 0.31 0.00	18.39 0.28 0.00	16.33 0.17 0.00	16.87 0.26 0.00	20.44 0.42 0.00	23.09 0.45 0.00	27.01 0.24 0.00	30.61 -0.06 0.00	33.95 0.05 0.00	30.52 0.00 -0.26	25.59 -0.12 -2.19	20.75 -0.27 -2.44	19.61 -0.24 -2.41	22.07 -0.34 -1.60	24.93 -0.36 -0.66	22.45 -0.29 -1.28	25.56 -0.38 -1.31	31.85 -0.39 -1.69	26.63 -0.37 -0.82	23.91 -0.30 0.00	23.36 -0.17 0.00	22.17 -0.02 0.00	21.53 0.26 0.00
S SALMON___HYD 24043	23.72 0.41 0.00	20.42 0.29 0.00	18.37 0.26 0.00	16.36 0.21 0.00	16.86 0.24 0.00	20.39 0.38 0.00	23.18 0.55 0.00	27.29 0.53 0.00	31.04 0.37 0.00	34.16 0.26 0.00	30.54 0.09 -0.17	24.87 -0.01 -1.35	19.89 0.00 -1.31	18.98 -0.02 -1.56	21.74 -0.02 -0.95	25.07 0.02 -0.43	22.17 -0.02 -0.74	25.12 0.11 -0.39	30.95 0.28 -0.13	26.62 0.30 -0.14	24.49 0.29 0.00	23.81 0.28 0.00	22.51 0.32 0.00	21.62 0.35 0.00
S.PERRY___115KV_TB1 80734	24.42 1.11 0.00	21.02 0.89 0.00	18.90 0.79 0.00	16.79 0.63 0.00	17.34 0.73 0.00	21.00 0.98 0.00	23.88 1.24 0.00	27.98 1.22 0.00	31.48 0.80 0.00	34.59 0.69 0.00	31.05 0.43 -0.35	26.20 0.13 -2.55	20.67 -0.10 -2.19	20.38 -0.09 -3.04	22.39 -0.15 -1.73	25.29 -0.16 -0.84	22.68 -0.08 -1.30	24.53 -0.21 -0.12	29.67 0.22 1.09	26.34 0.44 0.28	24.66 0.46 0.00	24.15 0.61 0.00	22.76 0.57 0.00	22.12 0.85 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.79 0.48 0.00	20.49 0.36 0.00	18.46 0.35 0.00	16.34 0.19 0.00	16.93 0.31 0.00	20.52 0.51 0.00	23.10 0.46 0.00	26.85 0.09 0.00	30.26 -0.42 0.00	33.73 -0.18 0.00	30.30 -0.29 -0.32	24.62 -0.53 -1.62	18.02 -0.66 -0.10	19.23 -0.61 -2.40	20.91 -0.77 -0.86	24.39 -0.89 -0.66	21.17 -0.74 -0.46	20.93 -0.95 2.75	22.64 -1.09 6.81	22.57 -0.97 2.63	23.44 -0.76 0.00	23.06 -0.47 0.00	21.92 -0.27 0.00	21.54 0.27 0.00
SAWYER___23_KV_LOAD 55526	23.79 0.48 0.00	20.49 0.36 0.00	18.46 0.35 0.00	16.34 0.19 0.00	16.93 0.31 0.00	20.52 0.51 0.00	23.10 0.46 0.00	26.85 0.09 0.00	30.26 -0.42 0.00	33.73 -0.18 0.00	30.30 -0.29 -0.32	24.62 -0.53 -1.62	18.02 -0.66 -0.10	19.23 -0.61 -2.40	20.91 -0.77 -0.86	24.39 -0.89 -0.66	21.17 -0.74 -0.46	20.93 -0.95 2.75	22.64 -1.09 6.81	22.57 -0.97 2.63	23.44 -0.76 0.00	23.06 -0.47 0.00	21.92 -0.27 0.00	21.54 0.27 0.00
SELKIRK___I 23801	23.62 0.31 0.00	20.44 0.31 0.00	18.43 0.32 0.00	16.48 0.33 0.00	16.95 0.34 0.00	20.39 0.38 0.00	23.16 0.52 0.00	27.60 0.83 0.00	31.75 1.08 0.00	35.16 1.26 0.00	33.84 1.23 -2.34	42.69 0.96 -18.20	37.06 0.77 -17.71	39.13 0.72 -20.97	34.48 0.88 -12.78	31.44 1.04 -5.78	32.26 0.90 -9.91	30.90 1.02 -5.26	33.61 1.27 -1.80	29.17 1.10 -1.89	25.18 0.98 0.00	24.38 0.85 0.00	22.87 0.67 0.00	21.73 0.46 0.00
SELKIRK___II 23799	23.45 0.14 0.00	20.29 0.16 0.00	18.30 0.19 0.00	16.37 0.22 0.00	16.83 0.21 0.00	20.24 0.23 0.00	23.00 0.36 0.00	27.42 0.66 0.00	31.56 0.88 0.00	34.95 1.05 0.00	33.69 1.05 -2.37	42.77 0.81 -18.43	37.16 0.65 -17.93	39.28 0.62 -21.23	34.50 0.75 -12.94	31.36 0.89 -5.85	32.25 0.76 -10.04	30.81 0.87 -5.32	33.45 1.09 -1.82	29.04 0.95 -1.91	25.05 0.84 0.00	24.25 0.72 0.00	22.73 0.54 0.00	21.60 0.33 0.00
SENECA OSWGO___HYD 24041	23.76 0.45 0.00	20.46 0.33 0.00	18.42 0.31 0.00	16.41 0.25 0.00	16.91 0.29 0.00	20.42 0.41 0.00	23.19 0.55 0.00	27.28 0.51 0.00	31.09 0.42 0.00	34.31 0.41 0.00	30.69 0.23 -0.20	25.19 0.13 -1.53	20.16 0.10 -1.49	19.29 0.09 -1.76	22.00 0.12 -1.08	25.28 0.17 -0.49	22.45 0.16 -0.84	25.29 0.22 -0.44	31.07 0.37 -0.15	26.67 0.33 -0.16	24.51 0.31 0.00	23.86 0.32 0.00	22.59 0.40 0.00	21.70 0.43 0.00
SENECA___115KV_TB3 355854	23.98 0.67 0.00	20.64 0.51 0.00	18.58 0.48 0.00	16.46 0.31 0.00	17.04 0.42 0.00	20.67 0.66 0.00	23.31 0.67 0.00	27.15 0.39 0.00	30.64 -0.04 0.00	34.18 0.28 0.00	30.71 0.11 -0.33	25.08 -0.22 -1.77	18.52 -0.40 -0.35	19.61 -0.37 -2.54	21.33 -0.47 -0.99	24.75 -0.57 -0.70	21.57 -0.46 -0.57	21.54 -0.60 2.48	23.56 -0.67 6.31	23.16 -0.60 2.42	23.80 -0.40 0.00	23.42 -0.12 0.00	22.19 0.00 0.00	21.76 0.49 0.00
SENECA___ENERGY 23797	23.43 0.12 0.00	20.24 0.10 0.00	18.21 0.10 0.00	16.21 0.05 0.00	16.70 0.08 0.00	20.17 0.16 0.00	22.92 0.29 0.00	26.95 0.19 0.00	30.61 -0.06 0.00	34.08 0.18 0.00	30.60 0.06 -0.28	25.67 0.00 -2.15	20.63 -0.04 -2.09	19.91 0.00 -2.48	22.22 -0.10 -1.51	25.18 -0.13 -0.68	22.43 -0.19 -1.17	25.02 -0.22 -0.62	30.50 -0.26 -0.21	26.20 -0.21 -0.22	24.05 -0.15 0.00	23.46 -0.08 0.00	22.16 -0.03 0.00	21.33 0.05 0.00
SHOEMAKER___GT 23640	23.74 0.43 0.00	20.52 0.39 0.00	18.51 0.39 0.00	16.53 0.38 0.00	16.99 0.38 0.00	20.46 0.45 0.00	23.33 0.69 0.00	27.74 0.98 0.00	31.86 1.19 0.00	35.28 1.37 0.00	33.29 1.34 -1.68	37.59 1.06 -13.00	32.03 0.85 -12.61	33.22 0.79 -14.99	30.89 0.96 -9.12	29.91 1.16 -4.13	29.56 1.04 -7.07	29.49 1.20 -3.68	33.10 1.45 -1.11	28.71 1.24 -1.28	25.35 1.15 0.00	24.56 1.02 0.00	23.01 0.82 0.00	21.87 0.60 0.00
SHOEMAKR_138KV_BK 111 55601	23.73 0.42 0.00	20.51 0.38 0.00	18.50 0.39 0.00	16.52 0.37 0.00	16.99 0.37 0.00	20.46 0.45 0.00	23.32 0.68 0.00	27.73 0.96 0.00	31.85 1.18 0.00	35.26 1.36 0.00	33.26 1.33 -1.66	37.47 1.06 -12.88	31.91 0.84 -12.49	33.08 0.79 -14.85	30.81 0.96 -9.04	29.87 1.15 -4.09	29.49 1.03 -7.01	29.45 1.19 -3.64	33.08 1.44 -1.10	28.69 1.24 -1.27	25.34 1.14 0.00	24.56 1.02 0.00	23.00 0.81 0.00	21.87 0.60 0.00

SHOREHAM_IC_1 23715	29.86 1.74 -4.81	22.26 1.44 -0.69	19.45 1.34 0.00	17.44 1.29 0.00	17.93 1.32 0.00	21.61 1.60 0.00	24.78 2.14 0.00	29.19 2.43 0.00	33.64 2.96 0.00	37.26 3.35 0.00	35.31 3.16 -1.89	40.62 2.51 -14.59	34.74 1.97 -14.20	36.19 1.89 -16.86	33.70 2.30 -10.58	32.58 2.76 -5.20	31.87 2.34 -8.07	77.21 2.75 -49.83	59.91 3.42 -25.95	32.61 3.03 -3.40	27.02 2.76 -0.06	26.04 2.50 0.00	24.36 2.16 0.00	23.10 1.83 0.00
SHOREHAM_IC_2 23716	29.86 1.74 -4.81	22.26 1.44 -0.69	19.45 1.34 0.00	17.44 1.29 0.00	17.93 1.32 0.00	21.61 1.60 0.00	24.78 2.14 0.00	29.19 2.43 0.00	33.64 2.96 0.00	37.26 3.35 0.00	35.31 3.16 -1.89	40.62 2.51 -14.59	34.74 1.97 -14.20	36.19 1.89 -16.86	33.70 2.30 -10.58	32.58 2.76 -5.20	31.87 2.34 -8.07	77.21 2.75 -49.83	59.91 3.42 -25.95	32.61 3.03 -3.40	27.02 2.76 -0.06	26.04 2.50 0.00	24.36 2.16 0.00	23.10 1.83 0.00
SISSONVILLE____ 23735	22.96 -0.35 0.00	19.80 -0.33 0.00	17.72 -0.39 0.00	15.77 -0.38 0.00	16.22 -0.40 0.00	19.55 -0.46 0.00	22.05 -0.59 0.00	26.06 -0.70 0.00	29.86 -0.81 0.00	32.85 -1.06 0.00	29.30 -0.96 0.00	22.79 -0.73 0.00	18.00 -0.58 0.00	16.91 -0.53 0.00	20.18 -0.63 0.00	23.88 -0.74 0.00	20.70 -0.76 0.00	23.86 -0.77 0.00	29.68 -0.87 0.00	25.50 -0.68 0.00	23.53 -0.67 0.00	22.86 -0.67 0.00	21.66 -0.54 0.00	21.07 -0.20 0.00
SITHE_IND_GS1 24169	22.89 -0.42 0.00	19.76 -0.37 0.00	17.77 -0.33 0.00	15.84 -0.31 0.00	16.31 -0.31 0.00	19.65 -0.36 0.00	22.21 -0.43 0.00	26.12 -0.64 0.00	29.84 -0.84 0.00	32.97 -0.93 0.00	29.48 -0.94 -0.15	23.99 -0.75 -1.22	19.22 -0.58 -1.23	18.27 -0.56 -1.39	20.99 -0.68 -0.86	24.19 -0.81 -0.38	21.45 -0.68 -0.67	24.28 -0.79 -0.45	29.89 -0.98 -0.33	25.55 -0.84 -0.21	23.44 -0.76 0.00	22.85 -0.68 0.00	21.73 -0.47 0.00	20.86 -0.41 0.00
SITHE_IND_GS2 24170	22.89 -0.42 0.00	19.76 -0.37 0.00	17.77 -0.33 0.00	15.84 -0.31 0.00	16.31 -0.31 0.00	19.65 -0.36 0.00	22.21 -0.43 0.00	26.12 -0.64 0.00	29.84 -0.84 0.00	32.97 -0.93 0.00	29.48 -0.94 -0.15	23.99 -0.75 -1.22	19.22 -0.58 -1.23	18.27 -0.56 -1.39	20.99 -0.68 -0.86	24.19 -0.81 -0.38	21.45 -0.68 -0.67	24.28 -0.79 -0.45	29.89 -0.98 -0.33	25.55 -0.84 -0.21	23.44 -0.76 0.00	22.85 -0.68 0.00	21.73 -0.47 0.00	20.86 -0.41 0.00
SITHE_IND_GS3 24171	22.89 -0.42 0.00	19.76 -0.37 0.00	17.77 -0.33 0.00	15.84 -0.31 0.00	16.31 -0.31 0.00	19.65 -0.36 0.00	22.21 -0.43 0.00	26.12 -0.64 0.00	29.84 -0.84 0.00	32.97 -0.93 0.00	29.48 -0.94 -0.15	23.99 -0.75 -1.22	19.22 -0.58 -1.23	18.27 -0.56 -1.39	20.99 -0.68 -0.86	24.19 -0.81 -0.38	21.45 -0.68 -0.67	24.28 -0.79 -0.45	29.89 -0.98 -0.33	25.55 -0.84 -0.21	23.44 -0.76 0.00	22.85 -0.68 0.00	21.73 -0.47 0.00	20.86 -0.41 0.00
SITHE_IND_GS4 24172	22.89 -0.42 0.00	19.76 -0.37 0.00	17.77 -0.33 0.00	15.84 -0.31 0.00	16.31 -0.31 0.00	19.65 -0.36 0.00	22.21 -0.43 0.00	26.12 -0.64 0.00	29.84 -0.84 0.00	32.97 -0.93 0.00	29.48 -0.94 -0.15	23.99 -0.75 -1.22	19.22 -0.58 -1.23	18.27 -0.56 -1.39	20.99 -0.68 -0.86	24.19 -0.81 -0.38	21.45 -0.68 -0.67	24.28 -0.79 -0.45	29.89 -0.98 -0.33	25.55 -0.84 -0.21	23.44 -0.76 0.00	22.85 -0.68 0.00	21.73 -0.47 0.00	20.86 -0.41 0.00
SITHE____BATAVIA 24024	24.38 1.07 0.00	21.00 0.87 0.00	18.68 0.81 0.24	16.69 0.60 0.06	17.37 0.75 0.00	21.09 1.08 0.00	23.84 1.20 0.00	27.75 0.99 0.00	31.23 0.55 0.00	31.57 0.82 3.16	28.06 0.65 2.85	25.33 0.08 -1.72	19.11 -0.14 -0.67	19.69 -0.09 -2.35	21.67 -0.16 -1.02	25.12 -0.15 -0.65	21.99 -0.11 -0.65	22.85 -0.09 1.68	26.06 0.08 4.56	24.57 0.10 1.72	24.39 0.18 0.00	23.88 0.35 0.00	22.65 0.45 0.00	22.16 0.89 0.00
SITHE____INDEPEND 23800	22.89 -0.42 0.00	19.76 -0.37 0.00	17.77 -0.34 0.00	15.84 -0.31 0.00	16.31 -0.31 0.00	19.65 -0.36 0.00	22.21 -0.43 0.00	26.12 -0.64 0.00	29.84 -0.84 0.00	32.97 -0.93 0.00	29.48 -0.94 -0.15	23.99 -0.75 -1.22	19.22 -0.58 -1.23	18.27 -0.56 -1.39	20.99 -0.68 -0.86	24.19 -0.82 -0.38	21.45 -0.68 -0.67	24.28 -0.79 -0.45	29.89 -0.98 -0.33	25.56 -0.84 -0.21	23.44 -0.76 0.00	22.85 -0.68 0.00	21.73 -0.47 0.00	20.86 -0.41 0.00
SITHE____MASSENA 23902	23.37 0.06 0.00	20.18 0.05 0.00	18.07 -0.04 0.00	16.08 -0.07 0.00	16.55 -0.07 0.00	19.92 -0.09 0.00	22.42 -0.22 0.00	26.46 -0.31 0.00	30.33 -0.34 0.00	33.43 -0.47 0.00	29.84 -0.43 0.00	23.21 -0.31 0.00	18.34 -0.24 0.00	17.22 -0.21 0.00	20.56 -0.25 0.00	24.33 -0.30 0.00	21.13 -0.32 0.00	24.30 -0.33 0.00	30.17 -0.38 0.00	25.90 -0.29 0.00	23.91 -0.29 0.00	23.27 -0.26 0.00	21.97 -0.22 0.00	21.21 -0.06 0.00
SITHE____OGDNSBRG 24021	23.51 0.20 0.00	20.28 0.15 0.00	18.13 0.02 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.04 0.03 0.00	22.62 -0.01 0.00	26.71 -0.06 0.00	30.51 -0.17 0.00	33.54 -0.36 0.00	29.93 -0.34 0.00	23.28 -0.25 0.00	18.37 -0.21 0.00	17.28 -0.16 0.00	20.63 -0.18 0.00	24.41 -0.21 0.00	21.13 -0.32 0.00	24.44 -0.19 0.00	30.45 -0.09 0.00	26.17 -0.01 0.00	24.15 -0.05 0.00	23.46 -0.07 0.00	22.14 -0.05 0.00	21.43 0.16 0.00
SITHE____STERLING 23777	23.87 0.56 0.00	20.59 0.46 0.00	18.53 0.42 0.00	16.51 0.37 0.00	17.02 0.40 0.00	20.56 0.55 0.00	23.41 0.77 0.00	27.66 0.90 0.00	31.64 0.97 0.00	34.91 1.01 0.00	31.19 0.80 -0.13	25.19 0.65 -1.02	20.02 0.46 -0.99	19.01 0.40 -1.18	22.00 0.47 -0.72	25.54 0.59 -0.32	22.56 0.55 -0.55	25.64 0.72 -0.29	31.61 0.97 -0.10	27.12 0.83 -0.11	24.96 0.76 0.00	24.24 0.71 0.00	22.82 0.63 0.00	21.84 0.57 0.00
SLEIGHT__34_KV_TB1 80719	23.85 0.54 0.00	20.61 0.48 0.00	18.54 0.44 0.00	16.50 0.35 0.00	17.03 0.41 0.00	20.56 0.54 0.00	23.37 0.73 0.00	27.49 0.72 0.00	31.27 0.59 0.00	34.57 0.67 0.00	31.03 0.50 -0.26	25.92 0.34 -2.06	20.84 0.22 -2.04	20.03 0.24 -2.35	22.50 0.24 -1.45	25.61 0.34 -0.65	22.89 0.30 -1.13	25.68 0.38 -0.69	31.44 0.49 -0.40	26.88 0.41 -0.29	24.57 0.36 0.00	23.92 0.38 0.00	22.65 0.46 0.00	21.74 0.47 0.00
SOUTH CAIRO____GT 23612	24.06 0.75 0.00	20.80 0.67 0.00	18.75 0.64 0.00	16.77 0.62 0.00	17.26 0.64 0.00	20.80 0.78 0.00	23.69 1.06 0.00	28.40 1.64 0.00	32.78 2.10 0.00	36.30 2.39 0.00	34.72 2.21 -2.24	42.66 1.72 -17.41	36.89 1.37 -16.94	38.77 1.27 -20.06	34.53 1.49 -12.23	31.91 1.76 -5.52	32.43 1.49 -9.48	31.41 1.75 -5.03	34.59 2.33 -1.72	30.01 2.02 -1.81	25.96 1.75 0.00	25.06 1.53 0.00	23.41 1.22 0.00	22.18 0.91 0.00
SOUTH HAMPTN____IC 23720	30.07 2.01 -4.75	22.50 1.69 -0.68	19.68 1.57 0.00	17.64 1.49 0.00	18.15 1.53 0.00	21.88 1.86 0.00	25.10 2.46 0.00	29.57 2.81 0.00	34.09 3.41 0.00	37.81 3.91 0.00	35.82 3.67 -1.89	41.02 2.90 -14.59	35.03 2.26 -14.20	36.47 2.17 -16.86	34.03 2.63 -10.58	32.97 3.15 -5.20	32.20 2.68 -8.07	77.60 3.16 -49.83	60.44 3.94 -25.95	33.03 3.45 -3.40	27.38 3.12 -0.06	26.38 2.84 0.00	24.64 2.45 0.00	23.36 2.09 0.00

SOUTHDOWN_115KV_TB1 355954	24.50 1.19 0.00	21.07 0.94 0.00	19.00 0.89 0.00	16.83 0.68 0.00	17.41 0.80 0.00	21.16 1.15 0.00	24.04 1.40 0.00	28.18 1.42 0.00	31.82 1.14 0.00	35.50 1.59 0.00	31.83 1.21 -0.36	26.17 0.62 -2.02	19.49 0.19 -0.72	20.45 0.23 -2.77	22.25 0.25 -1.19	25.58 0.19 -0.76	22.36 0.16 -0.75	22.56 0.05 2.12	25.18 0.29 5.65	24.26 0.22 2.14	24.62 0.42 0.00	24.29 0.75 0.00	22.83 0.64 0.00	22.29 1.02 0.00
SOUTHOLD_69_KV_BK 2 55809	30.47 2.41 -4.75	22.85 2.04 -0.68	20.00 1.89 0.00	17.92 1.77 0.00	18.45 1.83 0.00	22.25 2.24 0.00	25.55 2.92 0.00	30.10 3.34 0.00	34.69 4.02 0.00	38.55 4.65 0.00	36.50 4.35 -1.89	41.54 3.42 -14.59	35.42 2.65 -14.19	36.84 2.54 -16.86	34.45 3.06 -10.58	33.47 3.65 -5.19	32.64 3.11 -8.07	78.00 3.55 -49.82	60.92 4.43 -25.95	33.43 3.86 -3.39	27.74 3.48 -0.06	26.71 3.17 0.00	24.94 2.75 0.00	23.62 2.35 0.00
SOUTHOLD___IC 23719	30.47 2.41 -4.75	22.85 2.04 -0.68	19.99 1.88 0.00	17.92 1.77 0.00	18.45 1.83 0.00	22.25 2.24 0.00	25.55 2.92 0.00	30.10 3.34 0.00	34.70 4.03 0.00	38.55 4.65 0.00	36.50 4.35 -1.89	41.54 3.42 -14.59	35.42 2.65 -14.20	36.85 2.55 -16.86	34.46 3.06 -10.58	33.47 3.66 -5.20	32.64 3.11 -8.07	78.00 3.55 -49.83	60.92 4.43 -25.95	33.44 3.86 -3.40	27.74 3.48 -0.06	26.71 3.17 0.00	24.93 2.74 0.00	23.62 2.35 0.00
SPIERFLS_115KV_TB 1 80737	24.45 1.14 0.00	21.12 0.99 0.00	19.04 0.93 0.00	17.02 0.86 0.00	17.53 0.91 0.00	21.19 1.17 0.00	24.09 1.45 0.00	28.92 2.16 0.00	33.39 2.72 0.00	36.98 3.07 0.00	35.64 2.92 -2.45	44.79 2.21 -19.05	38.85 1.74 -18.53	41.02 1.63 -21.94	36.12 1.93 -13.38	32.91 2.24 -6.05	33.68 1.85 -10.37	32.23 2.11 -5.50	34.96 2.54 -1.88	30.27 2.10 -1.98	26.19 1.98 0.00	25.30 1.77 0.00	23.77 1.57 0.00	22.58 1.31 0.00
ST LAWRENCE____ 23600	23.17 -0.14 0.00	20.00 -0.13 0.00	17.91 -0.19 0.00	15.95 -0.20 0.00	16.41 -0.21 0.00	19.74 -0.27 0.00	22.21 -0.43 0.00	26.21 -0.55 0.00	30.06 -0.61 0.00	33.15 -0.75 0.00	29.59 -0.68 0.00	23.02 -0.50 0.00	18.19 -0.39 0.00	17.08 -0.35 0.00	20.39 -0.42 0.00	24.11 -0.51 0.00	20.97 -0.48 0.00	24.09 -0.53 0.00	29.89 -0.65 0.00	25.66 -0.53 0.00	23.70 -0.51 0.00	23.07 -0.47 0.00	21.76 -0.43 0.00	20.98 -0.29 0.00
STATE_CA_115KV_115_LB 55624	23.43 0.12 0.00	20.27 0.14 0.00	18.29 0.18 0.00	16.36 0.21 0.00	16.83 0.21 0.00	20.23 0.22 0.00	23.00 0.36 0.00	27.45 0.69 0.00	31.62 0.94 0.00	35.03 1.13 0.00	33.81 1.14 -2.40	43.05 0.89 -18.64	37.43 0.73 -18.13	39.58 0.68 -21.47	34.72 0.82 -13.09	31.51 0.98 -5.91	32.45 0.84 -10.15	30.96 0.95 -5.38	33.57 1.19 -1.84	29.15 1.03 -1.94	25.12 0.91 0.00	24.30 0.76 0.00	22.77 0.57 0.00	21.61 0.34 0.00
STATE_ST_34_KV_LOAD 55959	23.66 0.35 0.00	20.50 0.38 0.00	18.43 0.32 0.00	16.42 0.26 0.00	16.89 0.27 0.00	20.36 0.34 0.00	23.10 0.47 0.00	27.18 0.42 0.00	30.96 0.29 0.00	34.23 0.32 0.00	30.71 0.17 -0.28	25.76 0.09 -2.14	20.70 0.04 -2.08	19.95 0.05 -2.46	22.38 0.07 -1.50	25.39 0.09 -0.68	22.72 0.11 -1.16	25.39 0.14 -0.62	30.94 0.19 -0.21	26.58 0.17 -0.22	24.38 0.18 0.00	23.75 0.22 0.00	22.53 0.33 0.00	21.57 0.30 0.00
STATION 5_MISC_HYD 23604	23.64 0.33 0.00	20.37 0.23 0.00	18.20 0.23 0.14	16.24 0.13 0.03	16.81 0.20 0.00	20.36 0.35 0.00	22.99 0.35 0.00	26.89 0.13 0.00	30.48 -0.20 0.00	31.87 -0.10 1.94	28.44 -0.15 1.68	25.47 -0.24 -2.19	20.65 -0.37 -2.44	19.52 -0.32 -2.41	21.97 -0.43 -1.60	24.82 -0.47 -0.66	22.34 -0.39 -1.28	25.44 -0.50 -1.31	31.70 -0.54 -1.69	26.48 -0.52 -0.82	23.77 -0.43 0.00	23.24 -0.30 0.00	22.07 -0.12 0.00	21.44 0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.75 0.44 0.00	20.47 0.34 0.00	18.42 0.31 0.00	16.38 0.23 0.00	16.91 0.30 0.00	20.46 0.45 0.00	23.23 0.59 0.00	27.28 0.52 0.00	31.00 0.33 0.00	34.30 0.40 0.00	30.79 0.27 -0.26	25.72 0.15 -2.04	20.65 0.04 -2.04	19.82 0.05 -2.33	22.24 -0.02 -1.44	25.27 0.01 -0.64	22.64 0.05 -1.13	25.37 0.04 -0.71	31.13 0.13 -0.45	26.59 0.09 -0.31	24.30 0.10 0.00	23.70 0.17 0.00	22.41 0.21 0.00	21.62 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.50 0.19 0.00	20.24 0.11 0.00	18.22 0.11 0.00	16.18 0.03 0.00	16.72 0.10 0.00	20.24 0.22 0.00	22.87 0.23 0.00	26.77 0.00 0.00	30.37 -0.31 0.00	33.66 -0.25 0.00	30.22 -0.31 -0.26	25.32 -0.36 -2.15	20.49 -0.43 -2.35	19.43 -0.39 -2.38	21.85 -0.52 -1.56	24.70 -0.58 -0.66	22.21 -0.49 -1.24	25.24 -0.57 -1.18	31.34 -0.64 -1.43	26.31 -0.59 -0.71	23.69 -0.51 0.00	23.15 -0.39 0.00	21.97 -0.22 0.00	21.32 0.05 0.00
STA_56___34_KV_BUS2 355983	23.50 0.19 0.00	20.24 0.11 0.00	18.22 0.11 0.00	16.18 0.03 0.00	16.72 0.10 0.00	20.24 0.22 0.00	22.87 0.23 0.00	26.77 0.00 0.00	30.37 -0.31 0.00	33.66 -0.25 0.00	30.22 -0.31 -0.26	25.32 -0.36 -2.15	20.49 -0.43 -2.35	19.43 -0.39 -2.38	21.85 -0.52 -1.56	24.70 -0.58 -0.66	22.21 -0.49 -1.24	25.24 -0.57 -1.18	31.34 -0.64 -1.43	26.31 -0.59 -0.71	23.69 -0.51 0.00	23.15 -0.39 0.00	21.97 -0.22 0.00	21.32 0.05 0.00
STA_67___115KV_BK2 355882	23.60 0.29 0.00	20.34 0.20 0.00	18.30 0.19 0.00	16.25 0.09 0.00	16.79 0.17 0.00	20.32 0.31 0.00	22.95 0.31 0.00	26.84 0.07 0.00	30.42 -0.25 0.00	33.73 -0.17 0.00	30.30 -0.22 -0.26	25.41 -0.30 -2.19	20.61 -0.40 -2.44	19.47 -0.37 -2.41	21.92 -0.48 -1.60	24.75 -0.54 -0.66	22.28 -0.45 -1.28	25.37 -0.57 -1.32	31.62 -0.63 -1.70	26.42 -0.59 -0.82	23.71 -0.49 0.00	23.19 -0.35 0.00	22.02 -0.17 0.00	21.40 0.13 0.00
STA_7___115KV_9TRANS 80674	23.74 0.43 0.00	20.44 0.31 0.00	18.39 0.28 0.00	16.33 0.17 0.00	16.87 0.26 0.00	20.44 0.42 0.00	23.09 0.45 0.00	27.01 0.24 0.00	30.61 -0.06 0.00	33.95 0.05 0.00	30.52 0.00 -0.26	25.59 -0.12 -2.19	20.75 -0.27 -2.44	19.61 -0.24 -2.41	22.07 -0.34 -1.60	24.93 -0.36 -0.66	22.45 -0.29 -1.28	25.56 -0.38 -1.31	31.85 -0.39 -1.69	26.63 -0.37 -0.82	23.91 -0.30 0.00	23.36 -0.17 0.00	22.17 -0.02 0.00	21.53 0.26 0.00
STA_82___115KV_TB1 80780	23.60 0.29 0.00	20.33 0.20 0.00	18.30 0.19 0.00	16.25 0.09 0.00	16.79 0.17 0.00	20.32 0.31 0.00	22.95 0.31 0.00	26.84 0.07 0.00	30.42 -0.25 0.00	33.73 -0.17 0.00	30.30 -0.22 -0.26	25.41 -0.30 -2.19	20.61 -0.40 -2.43	19.47 -0.37 -2.41	21.92 -0.48 -1.59	24.75 -0.54 -0.66	22.28 -0.45 -1.28	25.35 -0.57 -1.29	31.57 -0.63 -1.66	26.40 -0.59 -0.81	23.71 -0.49 0.00	23.19 -0.35 0.00	22.02 -0.17 0.00	21.40 0.12 0.00
STEEL___WIND 323596	23.95 0.65 0.00	20.63 0.50 0.00	18.26 0.48 0.33	16.37 0.30 0.08	17.04 0.42 0.00	20.66 0.64 0.00	23.30 0.66 0.00	27.13 0.37 0.00	30.61 -0.06 0.00	29.85 0.27 4.32	26.39 0.10 3.97	25.06 -0.24 -1.77	18.49 -0.44 -0.35	19.59 -0.39 -2.54	21.31 -0.49 -0.99	24.72 -0.60 -0.70	21.55 -0.47 -0.57	21.52 -0.63 2.48	23.55 -0.69 6.31	23.15 -0.61 2.42	23.78 -0.42 0.00	23.40 -0.14 0.00	22.19 -0.01 0.00	21.75 0.48 0.00

STEPHTWN_115KV_BK_2 55603	23.51 0.20 0.00	20.33 0.20 0.00	18.31 0.20 0.00	16.39 0.23 0.00	16.86 0.24 0.00	20.30 0.29 0.00	23.15 0.51 0.00	27.59 0.83 0.00	31.78 1.11 0.00	35.21 1.31 0.00	33.92 1.27 -2.38	43.01 1.00 -18.48	37.36 0.81 -17.97	39.50 0.78 -21.28	34.73 0.94 -12.97	31.58 1.10 -5.86	32.46 0.95 -10.06	31.08 1.12 -5.34	33.74 1.37 -1.82	29.29 1.19 -1.92	25.25 1.04 0.00	24.46 0.93 0.00	22.87 0.68 0.00	21.67 0.40 0.00
STEBEN_REC_LFGE 323667	24.22 0.91 0.00	20.85 0.71 0.00	18.76 0.65 0.00	16.66 0.50 0.00	17.17 0.55 0.00	20.60 0.59 0.00	23.57 0.93 0.00	27.62 0.85 0.00	31.12 0.45 0.00	34.68 0.78 0.00	31.13 0.43 -0.43	26.69 0.12 -3.04	20.96 -0.05 -2.44	21.08 -0.05 -3.70	22.82 -0.04 -2.04	25.44 -0.19 -1.02	22.84 -0.13 -1.51	24.11 -0.26 0.25	28.06 -0.33 2.16	25.38 -0.13 0.67	24.11 -0.09 0.00	23.73 0.19 0.00	22.28 0.09 0.00	21.82 0.55 0.00
STONY__BROOK 24151	29.86 1.60 -4.95	22.17 1.32 -0.71	19.33 1.23 0.00	17.33 1.17 0.00	17.82 1.20 0.00	21.47 1.46 0.00	24.61 1.97 0.00	29.03 2.27 0.00	33.43 2.76 0.00	37.02 3.12 0.00	35.10 2.94 -1.89	40.45 2.34 -14.59	34.62 1.85 -14.20	36.07 1.77 -16.86	33.57 2.18 -10.58	32.43 2.61 -5.20	31.73 2.20 -8.07	77.04 2.59 -49.83	59.70 3.21 -25.95	32.41 2.83 -3.40	26.83 2.57 -0.06	25.86 2.33 0.00	24.18 1.99 0.00	22.94 1.67 0.00
STURGEON_POOL_HYD 23609	23.90 0.59 0.00	20.65 0.52 0.00	18.64 0.53 0.00	16.66 0.51 0.00	17.12 0.50 0.00	20.61 0.59 0.00	23.54 0.90 0.00	28.01 1.25 0.00	32.19 1.51 0.00	35.66 1.76 0.00	33.89 1.69 -1.94	39.89 1.32 -15.05	34.24 1.03 -14.64	35.74 0.97 -17.33	32.58 1.20 -10.57	30.85 1.45 -4.77	30.93 1.28 -8.19	30.47 1.50 -4.34	33.87 1.83 -1.49	29.32 1.57 -1.56	25.67 1.47 0.00	24.85 1.32 0.00	23.25 1.05 0.00	22.05 0.78 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.79 0.48 0.00	20.56 0.43 0.00	18.55 0.44 0.00	16.57 0.42 0.00	17.03 0.41 0.00	20.51 0.50 0.00	23.41 0.77 0.00	27.83 1.07 0.00	31.96 1.28 0.00	35.39 1.48 0.00	33.46 1.47 -1.73	38.08 1.17 -13.39	32.51 0.94 -12.99	33.76 0.88 -15.44	31.29 1.08 -9.40	30.17 1.30 -4.25	29.89 1.16 -7.28	29.74 1.33 -3.79	33.31 1.61 -1.15	28.88 1.37 -1.32	25.47 1.27 0.00	24.67 1.14 0.00	23.10 0.91 0.00	21.94 0.67 0.00
SWANROAD_115KV_TB1 355699	23.50 0.19 0.00	20.28 0.15 0.00	18.27 0.16 0.00	16.18 0.03 0.00	16.77 0.15 0.00	20.32 0.31 0.00	22.82 0.18 0.00	26.37 -0.39 0.00	29.66 -1.02 0.00	33.24 -0.67 0.00	29.91 -0.68 -0.32	24.10 -1.02 -1.60	17.64 -1.06 -0.13	18.80 -0.99 -2.36	20.44 -1.23 -0.86	23.87 -1.40 -0.65	20.72 -1.20 -0.46	20.53 -1.45 2.64	22.27 -1.71 6.56	22.16 -1.49 2.54	22.97 -1.23 0.00	22.60 -0.94 0.00	21.53 -0.66 0.00	21.22 -0.05 0.00
SYNERGY__BIOGAS 323694	24.38 1.07 0.00	21.00 0.87 0.00	18.68 0.81 0.24	16.69 0.60 0.06	17.37 0.75 0.00	21.09 1.08 0.00	23.84 1.20 0.00	27.75 0.99 0.00	31.23 0.55 0.00	31.57 0.82 3.16	28.06 0.65 2.85	25.33 0.08 -1.72	19.11 -0.14 -0.67	19.69 -0.09 -2.35	21.67 -0.16 -1.02	25.12 -0.15 -0.65	21.99 -0.11 -0.65	22.85 -0.09 1.68	26.06 0.08 4.56	24.57 0.10 1.72	24.39 0.18 0.00	23.88 0.35 0.00	22.65 0.45 0.00	22.16 0.89 0.00
SYRACUSE__ENERGY_ST1 323597	23.56 0.25 0.00	20.33 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.16 0.00	20.25 0.24 0.00	22.97 0.33 0.00	27.02 0.25 0.00	30.80 0.13 0.00	34.02 0.11 0.00	30.48 -0.01 -0.23	25.25 -0.03 -1.76	20.25 -0.04 -1.72	19.44 -0.03 -2.03	22.01 -0.04 -1.24	25.13 -0.05 -0.56	22.41 0.00 -0.96	25.15 0.01 -0.51	30.76 0.04 -0.17	26.40 0.04 -0.18	24.24 0.04 0.00	23.62 0.08 0.00	22.39 0.20 0.00	21.49 0.22 0.00
SYRACUSE__ENERGY_ST2 323598	23.56 0.25 0.00	20.33 0.19 0.00	18.29 0.18 0.00	16.30 0.14 0.00	16.78 0.16 0.00	20.25 0.24 0.00	22.97 0.33 0.00	27.02 0.25 0.00	30.80 0.13 0.00	34.02 0.11 0.00	30.48 -0.01 -0.23	25.25 -0.03 -1.76	20.25 -0.04 -1.72	19.44 -0.03 -2.03	22.01 -0.04 -1.24	25.13 -0.05 -0.56	22.41 0.00 -0.96	25.15 0.01 -0.51	30.76 0.04 -0.17	26.40 0.04 -0.18	24.24 0.04 0.00	23.62 0.08 0.00	22.39 0.20 0.00	21.49 0.22 0.00
SYRACUSE__POWER 24017	23.45 0.14 0.00	20.23 0.10 0.00	18.20 0.09 0.00	16.22 0.07 0.00	16.70 0.08 0.00	20.16 0.14 0.00	22.86 0.23 0.00	26.90 0.14 0.00	30.67 -0.01 0.00	33.85 -0.06 0.00	30.35 -0.15 -0.23	25.21 -0.15 -1.83	20.22 -0.13 -1.78	19.42 -0.12 -2.11	21.95 -0.15 -1.29	25.05 -0.16 -0.58	22.35 -0.10 -1.00	25.05 -0.11 -0.53	30.60 -0.13 -0.18	26.27 -0.10 -0.19	24.12 -0.08 0.00	23.52 -0.02 0.00	22.28 0.09 0.00	21.40 0.13 0.00
TALLMAN_138KV_BK151 55660	23.87 0.56 0.00	20.61 0.48 0.00	18.60 0.49 0.00	16.62 0.47 0.00	17.07 0.46 0.00	20.56 0.55 0.00	23.50 0.87 0.00	27.93 1.17 0.00	32.07 1.39 0.00	35.51 1.60 0.00	33.66 1.60 -1.79	38.67 1.28 -13.86	33.06 1.04 -13.44	34.39 0.98 -15.98	31.74 1.20 -9.73	30.46 1.43 -4.40	30.26 1.27 -7.54	30.02 1.46 -3.93	33.51 1.77 -1.20	29.06 1.51 -1.37	25.60 1.39 0.00	24.79 1.26 0.00	23.21 1.02 0.00	22.03 0.76 0.00
TEALLAVE_115KV_TB7 355573	23.34 0.03 0.00	20.14 0.00 0.00	18.12 0.02 0.00	16.15 0.00 0.00	16.63 0.01 0.00	20.07 0.05 0.00	22.75 0.11 0.00	26.74 -0.02 0.00	30.48 -0.19 0.00	33.64 -0.27 0.00	30.14 -0.33 -0.20	24.83 -0.28 -1.59	19.88 -0.24 -1.54	19.03 -0.23 -1.83	21.65 -0.28 -1.11	24.80 -0.33 -0.50	22.07 -0.25 -0.86	24.80 -0.28 -0.46	30.36 -0.34 -0.16	26.06 -0.29 -0.16	23.94 -0.26 0.00	23.35 -0.19 0.00	22.16 -0.03 0.00	21.29 0.02 0.00
TELGRAPH_34_KV_EAST 80808	23.96 0.65 0.00	20.65 0.52 0.00	18.60 0.49 0.00	16.47 0.32 0.00	17.07 0.45 0.00	20.72 0.70 0.00	23.32 0.68 0.00	27.05 0.29 0.00	30.44 -0.23 0.00	34.00 0.10 0.00	30.58 -0.45 -0.31	24.72 -0.59 -1.64	18.27 -0.59 -0.28	19.25 -0.55 -2.36	21.01 -0.71 -0.91	24.49 -0.78 -0.65	21.31 -0.66 -0.52	21.44 -0.81 2.37	23.66 -0.87 6.01	23.12 -0.75 2.31	23.64 -0.56 0.00	23.21 -0.33 0.00	22.07 -0.13 0.00	21.70 0.42 0.00
TEMPLE__115KV_TB 2 55572	23.35 0.04 0.00	20.15 0.01 0.00	18.13 0.02 0.00	16.15 0.00 0.00	16.64 0.02 0.00	20.07 0.06 0.00	22.75 0.11 0.00	26.74 -0.02 0.00	30.48 -0.19 0.00	33.65 -0.25 0.00	30.15 -0.32 -0.21	24.86 -0.27 -1.60	19.90 -0.23 -1.56	19.07 -0.22 -1.85	21.67 -0.26 -1.13	24.83 -0.30 -0.51	22.09 -0.23 -0.87	24.81 -0.28 -0.46	30.38 -0.33 -0.16	26.07 -0.28 -0.17	23.95 -0.25 0.00	23.35 -0.18 0.00	22.17 -0.02 0.00	21.30 0.02 0.00
TIANA__69_KV_BK 1 55817	29.99 1.93 -4.75	22.42 1.61 -0.68	19.61 1.50 0.00	17.58 1.42 0.00	18.08 1.46 0.00	21.79 1.77 0.00	25.00 2.36 0.00	29.45 2.68 0.00	33.93 3.26 0.00	37.64 3.74 0.00	35.66 3.51 -1.89	40.90 2.78 -14.59	34.94 2.17 -14.19	36.39 2.09 -16.86	33.92 2.54 -10.58	32.85 3.03 -5.19	32.10 2.58 -8.07	77.47 3.03 -49.82	60.26 3.76 -25.95	32.88 3.31 -3.39	27.26 3.00 -0.06	26.26 2.73 0.00	24.55 2.36 0.00	23.27 2.00 0.00

TILDEN___115KV_TB1 80814	23.45 0.14 0.00	20.23 0.10 0.00	18.20 0.09 0.00	16.22 0.07 0.00	16.70 0.08 0.00	20.16 0.14 0.00	22.86 0.23 0.00	26.90 0.14 0.00	30.67 -0.01 0.00	33.85 -0.06 0.00	30.35 -0.15 -0.23	25.21 -0.15 -1.83	20.22 -0.13 -1.78	19.42 -0.12 -2.11	21.95 -0.15 -1.29	25.05 -0.16 -0.58	22.35 -0.10 -1.00	25.05 -0.11 -0.53	30.60 -0.13 -0.18	26.27 -0.10 -0.19	24.12 -0.08 0.00	23.52 -0.02 0.00	22.28 0.09 0.00	21.40 0.13 0.00
TRIGEN___CC 323695	62.26 1.16 -37.79	26.48 0.94 -5.41	19.00 0.89 0.00	17.01 0.85 0.00	17.48 0.86 0.00	21.07 1.05 0.00	24.08 1.44 0.00	28.50 1.73 0.00	32.78 2.10 0.00	36.27 2.37 0.00	34.45 2.30 -1.89	39.96 1.82 -14.62	34.21 1.45 -14.19	35.66 1.36 -16.86	33.08 1.69 -10.58	31.84 2.02 -5.19	31.28 1.76 -8.07	76.48 2.03 -49.82	58.94 2.45 -25.95	31.69 2.12 -3.39	26.22 1.96 -0.06	25.32 1.79 0.00	23.69 1.49 0.00	22.46 1.19 0.00
TRINITY__115KV__4 BK 55933	23.33 0.02 0.00	20.19 0.05 0.00	18.22 0.11 0.00	16.30 0.15 0.00	16.76 0.14 0.00	20.14 0.13 0.00	22.88 0.25 0.00	27.33 0.56 0.00	31.49 0.81 0.00	34.88 0.98 0.00	33.66 1.00 -2.38	42.82 0.78 -18.51	37.22 0.64 -18.01	39.35 0.59 -21.32	34.54 0.73 -13.00	31.36 0.86 -5.87	32.27 0.74 -10.08	30.79 0.82 -5.35	33.41 1.04 -1.83	29.01 0.90 -1.92	25.01 0.81 0.00	24.20 0.66 0.00	22.67 0.47 0.00	21.52 0.25 0.00
UNION___PROCESSING_DRP 323587	24.10 0.79 0.00	20.75 0.62 0.00	18.69 0.58 0.00	16.57 0.42 0.00	17.16 0.54 0.00	20.79 0.78 0.00	23.54 0.90 0.00	27.52 0.75 0.00	31.10 0.43 0.00	34.42 0.52 0.00	30.88 0.34 -0.27	25.47 0.04 -1.90	20.00 -0.11 -1.53	19.67 -0.08 -2.31	21.95 -0.14 -1.28	25.12 -0.14 -0.64	22.27 -0.14 -0.95	24.43 -0.05 0.14	29.30 0.07 1.31	25.89 0.11 0.41	24.36 0.15 0.00	23.79 0.26 0.00	22.55 0.36 0.00	21.94 0.67 0.00
UPPER HUDSON___HYD 24058	24.45 1.14 0.00	21.12 0.99 0.00	19.03 0.93 0.00	17.02 0.86 0.00	17.53 0.91 0.00	21.19 1.17 0.00	24.09 1.45 0.00	28.92 2.16 0.00	33.39 2.72 0.00	36.98 3.07 0.00	35.64 2.92 -2.45	44.79 2.21 -19.05	38.85 1.74 -18.53	41.02 1.63 -21.94	36.12 1.93 -13.38	32.91 2.24 -6.05	33.67 1.84 -10.37	32.23 2.10 -5.50	34.96 2.54 -1.88	30.27 2.11 -1.98	26.19 1.99 0.00	25.30 1.77 0.00	23.77 1.57 0.00	22.58 1.31 0.00
UPPER RAQUET___HYD 24056	22.96 -0.35 0.00	19.80 -0.33 0.00	17.72 -0.39 0.00	15.77 -0.38 0.00	16.21 -0.40 0.00	19.55 -0.46 0.00	22.05 -0.59 0.00	26.07 -0.70 0.00	29.86 -0.81 0.00	32.85 -1.06 0.00	29.30 -0.96 0.00	22.79 -0.73 0.00	18.00 -0.58 0.00	16.91 -0.53 0.00	20.18 -0.63 0.00	23.88 -0.75 0.00	20.69 -0.76 0.00	23.85 -0.77 0.00	29.68 -0.87 0.00	25.50 -0.68 0.00	23.53 -0.67 0.00	22.87 -0.67 0.00	21.66 -0.54 0.00	21.07 -0.20 0.00
VALLEY44_115KV_TB2 355964	23.87 0.56 0.00	20.52 0.39 0.00	18.53 0.42 0.00	16.42 0.26 0.00	16.96 0.34 0.00	20.59 0.57 0.00	23.33 0.69 0.00	27.33 0.57 0.00	30.91 0.24 0.00	34.48 0.57 0.00	30.95 0.32 -0.36	25.53 -0.08 -2.09	19.16 -0.24 -0.83	20.05 -0.23 -2.84	21.74 -0.31 -1.24	24.93 -0.47 -0.78	21.88 -0.37 -0.79	22.18 -0.43 2.01	24.61 -0.46 5.47	23.67 -0.44 2.07	23.93 -0.28 0.00	23.61 0.07 0.00	22.33 0.13 0.00	21.82 0.55 0.00
VALLEY___115KV_TB 1-4 80826	23.17 -0.14 0.00	19.98 -0.15 0.00	18.01 -0.10 0.00	16.14 -0.02 0.00	16.58 -0.04 0.00	19.94 -0.07 0.00	22.79 0.15 0.00	27.27 0.50 0.00	31.43 0.75 0.00	34.80 0.90 0.00	31.18 0.91 0.00	24.23 0.71 0.00	19.12 0.55 0.00	17.91 0.48 0.00	21.33 0.52 0.00	25.26 0.64 0.00	22.01 0.55 0.00	25.17 0.55 0.00	31.19 0.65 0.00	26.60 0.42 0.00	24.64 0.44 0.00	23.94 0.41 0.00	22.42 0.22 0.00	21.30 0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.87 0.57 0.00	20.60 0.47 0.00	18.56 0.45 0.00	16.57 0.42 0.00	17.05 0.43 0.00	20.56 0.54 0.00	23.40 0.76 0.00	27.80 1.03 0.00	31.90 1.22 0.00	35.30 1.40 0.00	32.52 1.33 -0.92	31.67 1.05 -7.10	26.17 0.80 -6.79	26.41 0.75 -8.22	26.68 0.91 -4.96	27.94 1.06 -2.26	26.24 0.95 -3.83	27.53 1.10 -1.81	32.06 1.34 -0.17	27.86 1.15 -0.52	25.26 1.06 0.00	24.50 0.96 0.00	22.98 0.79 0.00	21.91 0.64 0.00
VISCHER___FERRY HYD 24020	23.77 0.46 0.00	20.57 0.44 0.00	18.55 0.45 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.54 0.53 0.00	23.33 0.69 0.00	27.91 1.15 0.00	32.17 1.50 0.00	35.63 1.72 0.00	34.36 1.68 -2.41	43.56 1.30 -18.74	37.84 1.03 -18.23	39.99 0.97 -21.59	35.15 1.17 -13.16	31.95 1.38 -5.95	32.84 1.18 -10.21	31.36 1.32 -5.41	34.06 1.66 -1.85	29.55 1.42 -1.95	25.51 1.30 0.00	24.68 1.15 0.00	23.12 0.93 0.00	21.94 0.67 0.00
V_A_10_SYNC_DSASP 323832	23.57 0.27 0.00	20.32 0.18 0.00	18.08 0.20 0.23	16.17 0.07 0.06	16.79 0.17 0.00	20.34 0.33 0.00	22.89 0.25 0.00	26.67 -0.10 0.00	30.10 -0.57 0.00	30.35 -0.44 3.11	26.93 -0.52 2.82	25.50 -0.63 -2.60	21.01 -0.73 -3.17	19.53 -0.67 -2.76	21.92 -0.84 -1.95	24.43 -0.96 -0.76	22.24 -0.81 -1.60	25.75 -1.03 -2.15	32.65 -1.20 -3.30	26.58 -1.10 -1.49	23.28 -0.92 0.00	22.86 -0.68 0.00	21.76 -0.44 0.00	21.31 0.04 0.00
V_CMM_10_SYNC_DSASP 323787	23.27 -0.04 0.00	20.09 -0.04 0.00	17.99 -0.11 0.00	16.02 -0.13 0.00	16.48 -0.14 0.00	19.83 -0.18 0.00	22.32 -0.32 0.00	26.32 -0.44 0.00	30.20 -0.47 0.00	33.31 -0.60 0.00	29.72 -0.55 0.00	23.12 -0.40 0.00	18.27 -0.30 0.00	17.16 -0.28 0.00	20.48 -0.33 0.00	24.23 -0.39 0.00	21.06 -0.39 0.00	24.20 -0.43 0.00	30.03 -0.52 0.00	25.77 -0.41 0.00	23.80 -0.41 0.00	23.17 -0.37 0.00	21.86 -0.33 0.00	21.08 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	24.13 0.82 0.00	20.81 0.68 0.00	18.67 0.56 0.00	16.55 0.40 0.00	16.94 0.32 0.00	20.30 0.29 0.00	22.71 0.07 0.00	27.21 0.44 0.00	31.30 0.63 0.00	34.46 0.55 0.00	30.75 0.48 0.00	23.93 0.40 0.00	18.88 0.30 0.00	17.73 0.30 0.00	21.08 0.27 0.00	24.92 0.30 0.00	21.77 0.31 0.00	24.94 0.32 0.00	31.03 0.49 0.00	26.63 0.45 0.00	24.54 0.34 0.00	23.75 0.21 0.00	22.29 0.10 0.00	21.56 0.29 0.00
V_E_10_SYNC_DSASP 323830	24.92 1.61 0.00	21.44 1.31 0.00	19.35 1.18 -0.06	17.21 1.05 -0.02	17.73 1.11 0.00	21.53 1.52 0.00	24.68 2.04 0.00	29.24 2.47 0.00	33.32 2.64 0.00	37.71 2.88 -0.92	34.27 2.46 -1.55	30.10 1.77 -4.81	24.35 1.26 -4.51	24.23 1.19 -5.60	25.58 1.42 -3.35	27.82 1.66 -1.54	25.54 1.51 -2.57	27.50 1.86 -1.02	32.64 2.41 0.32	28.50 2.13 -0.18	26.17 1.97 0.00	25.42 1.89 0.00	23.78 1.59 0.00	22.64 1.36 0.00
V_F_30_NSYNC___DSASP 323816	24.23 0.92 0.00	20.95 0.81 0.00	18.88 0.77 0.00	16.88 0.73 0.00	17.37 0.75 0.00	20.95 0.94 0.00	23.82 1.18 0.00	28.48 1.72 0.00	32.81 2.13 0.00	36.32 2.41 0.00	35.01 2.30 -2.45	44.30 1.76 -19.01	38.46 1.39 -18.49	40.64 1.30 -21.90	35.72 1.56 -13.35	32.49 1.84 -6.03	33.37 1.56 -10.35	31.90 1.79 -5.49	34.64 2.21 -1.88	30.04 1.88 -1.97	25.92 1.72 0.00	25.08 1.55 0.00	23.52 1.33 0.00	22.34 1.07 0.00

V_F_30_SYNC_DSASP 323786	23.43 0.12 0.00	20.27 0.14 0.00	18.29 0.18 0.00	16.36 0.20 0.00	16.83 0.20 0.00	20.23 0.22 0.00	23.00 0.36 0.00	27.45 0.69 0.00	31.62 0.94 0.00	35.03 1.13 0.00	33.81 1.14 -2.40	43.04 0.89 -18.63	37.42 0.73 -18.12	39.57 0.67 -21.46	34.72 0.82 -13.08	31.51 0.97 -5.91	32.44 0.84 -10.14	30.95 0.94 -5.38	33.57 1.19 -1.84	29.15 1.03 -1.93	25.12 0.91 0.00	24.30 0.76 0.00	22.77 0.57 0.00	21.61 0.34 0.00
V_XM_10_SYNC_DSASP 323789	24.13 0.82 0.00	20.81 0.68 0.00	18.67 0.56 0.00	16.55 0.40 0.00	16.94 0.32 0.00	20.30 0.29 0.00	22.71 0.07 0.00	27.21 0.44 0.00	31.30 0.63 0.00	34.46 0.55 0.00	30.75 0.48 0.00	23.93 0.40 0.00	18.88 0.30 0.00	17.73 0.30 0.00	21.08 0.27 0.00	24.92 0.30 0.00	21.77 0.31 0.00	24.94 0.32 0.00	31.03 0.49 0.00	26.63 0.45 0.00	24.54 0.34 0.00	23.75 0.21 0.00	22.29 0.10 0.00	21.56 0.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.94 0.63 0.00	20.68 0.55 0.00	18.66 0.55 0.00	16.67 0.52 0.00	17.13 0.51 0.00	20.64 0.63 0.00	23.59 0.95 0.00	28.05 1.29 0.00	32.20 1.53 0.00	35.67 1.77 0.00	33.81 1.74 -1.80	38.88 1.39 -13.96	33.24 1.12 -13.55	34.59 1.05 -16.10	31.89 1.28 -9.80	30.60 1.54 -4.44	30.42 1.37 -7.59	30.16 1.58 -3.96	33.66 1.91 -1.21	29.19 1.63 -1.38	25.69 1.49 0.00	24.89 1.35 0.00	23.29 1.10 0.00	22.11 0.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.08 0.77 0.00	20.80 0.67 0.00	18.77 0.66 0.00	16.78 0.63 0.00	17.25 0.63 0.00	20.78 0.76 0.00	23.75 1.11 0.00	28.31 1.55 0.00	32.53 1.85 0.00	36.04 2.13 0.00	34.20 2.05 -1.89	39.74 1.59 -14.62	34.03 1.27 -14.19	35.50 1.21 -16.86	32.57 1.49 -10.26	31.07 1.80 -4.64	30.96 1.55 -7.95	30.55 1.78 -4.15	33.95 2.12 -1.28	29.46 1.82 -1.45	25.92 1.71 0.00	25.08 1.55 0.00	23.47 1.27 0.00	22.25 0.98 0.00
W50THST__13_KV_LOAD 356117	24.22 0.92 0.00	20.93 0.79 0.00	18.88 0.77 0.00	16.88 0.73 0.00	17.35 0.73 0.00	20.91 0.90 0.00	23.93 1.29 0.00	28.55 1.78 0.00	32.81 2.13 0.00	36.34 2.44 0.00	34.48 2.32 -1.89	39.96 1.81 -14.62	34.21 1.44 -14.19	35.67 1.38 -16.86	32.76 1.69 -10.26	31.30 2.03 -4.64	31.16 1.75 -7.95	30.77 1.99 -4.15	34.19 2.37 -1.28	29.65 2.02 -1.45	26.10 1.89 0.00	25.25 1.72 0.00	23.62 1.43 0.00	22.39 1.12 0.00
WADING RIVER_IC_1 23522	29.77 1.74 -4.73	22.25 1.44 -0.68	19.45 1.34 0.00	17.44 1.29 0.00	17.93 1.32 0.00	21.61 1.60 0.00	24.78 2.14 0.00	29.19 2.43 0.00	33.64 2.96 0.00	37.26 3.36 0.00	35.32 3.17 -1.89	40.63 2.52 -14.59	34.75 1.98 -14.20	36.19 1.89 -16.86	33.70 2.31 -10.58	32.59 2.77 -5.20	31.87 2.34 -8.07	77.21 2.75 -49.83	59.92 3.42 -25.95	32.60 3.02 -3.40	27.01 2.75 -0.06	26.04 2.50 0.00	24.34 2.15 0.00	23.08 1.81 0.00
WADING RIVER_IC_2 23547	29.77 1.74 -4.73	22.25 1.44 -0.68	19.45 1.34 0.00	17.44 1.29 0.00	17.93 1.32 0.00	21.61 1.60 0.00	24.78 2.14 0.00	29.19 2.43 0.00	33.64 2.96 0.00	37.26 3.36 0.00	35.32 3.17 -1.89	40.63 2.52 -14.59	34.75 1.98 -14.20	36.19 1.89 -16.86	33.70 2.31 -10.58	32.59 2.77 -5.20	31.87 2.34 -8.07	77.21 2.75 -49.83	59.92 3.42 -25.95	32.60 3.02 -3.40	27.01 2.75 -0.06	26.04 2.50 0.00	24.34 2.15 0.00	23.08 1.81 0.00
WADING RIVER_IC_3 23601	29.77 1.74 -4.73	22.25 1.44 -0.68	19.45 1.34 0.00	17.44 1.29 0.00	17.93 1.32 0.00	21.61 1.60 0.00	24.78 2.14 0.00	29.19 2.43 0.00	33.64 2.96 0.00	37.26 3.36 0.00	35.32 3.17 -1.89	40.63 2.52 -14.59	34.75 1.98 -14.20	36.19 1.89 -16.86	33.70 2.31 -10.58	32.59 2.77 -5.20	31.87 2.34 -8.07	77.21 2.75 -49.83	59.92 3.42 -25.95	32.60 3.02 -3.40	27.01 2.75 -0.06	26.04 2.50 0.00	24.34 2.15 0.00	23.08 1.81 0.00
WALDENNY_12_KV_BK2 80841	23.98 0.67 0.00	20.66 0.53 0.00	18.59 0.48 0.00	16.46 0.31 0.00	17.06 0.44 0.00	20.68 0.67 0.00	23.32 0.68 0.00	27.14 0.38 0.00	30.62 -0.06 0.00	34.20 0.30 0.00	30.73 0.13 -0.33	25.05 -0.23 -1.75	18.49 -0.41 -0.32	19.58 -0.37 -2.52	21.30 -0.48 -0.97	24.74 -0.57 -0.69	21.55 -0.46 -0.56	21.51 -0.61 2.50	23.50 -0.69 6.35	23.13 -0.61 2.44	23.78 -0.42 0.00	23.40 -0.14 0.00	22.18 -0.01 0.00	21.76 0.48 0.00
WALDEN__HYDRO 24148	23.98 0.67 0.00	20.71 0.58 0.00	18.68 0.57 0.00	16.68 0.53 0.00	17.16 0.54 0.00	20.66 0.65 0.00	23.60 0.96 0.00	28.10 1.33 0.00	32.28 1.60 0.00	35.73 1.83 0.00	33.85 1.77 -1.81	39.00 1.40 -14.07	33.33 1.10 -13.65	34.70 1.04 -16.22	31.95 1.26 -9.87	30.59 1.51 -4.47	30.47 1.36 -7.65	30.21 1.60 -3.99	33.72 1.95 -1.22	29.25 1.67 -1.39	25.74 1.53 0.00	24.92 1.38 0.00	23.31 1.12 0.00	22.12 0.85 0.00
WARRENSBURG____ 23737	24.45 1.14 0.00	21.12 0.99 0.00	19.03 0.93 0.00	17.02 0.86 0.00	17.53 0.91 0.00	21.19 1.17 0.00	24.09 1.45 0.00	28.92 2.16 0.00	33.39 2.72 0.00	36.98 3.07 0.00	35.64 2.92 -2.45	44.79 2.21 -19.05	38.85 1.74 -18.53	41.02 1.63 -21.94	36.12 1.93 -13.38	32.91 2.24 -6.05	33.67 1.84 -10.37	32.23 2.10 -5.50	34.96 2.54 -1.88	30.27 2.11 -1.98	26.19 1.99 0.00	25.30 1.77 0.00	23.77 1.57 0.00	22.58 1.31 0.00
WATERSIDE____6 8 9 23538	24.10 0.79 0.00	20.83 0.70 0.00	18.80 0.70 0.00	16.81 0.65 0.00	17.28 0.66 0.00	20.80 0.79 0.00	23.80 1.16 0.00	28.35 1.59 0.00	32.56 1.88 0.00	36.05 2.15 0.00	34.23 2.08 -1.89	39.77 1.62 -14.62	34.07 1.30 -14.19	35.52 1.22 -16.86	32.60 1.52 -10.26	31.10 1.83 -4.64	30.99 1.58 -7.95	30.57 1.80 -4.15	33.98 2.16 -1.28	29.49 1.86 -1.45	25.95 1.75 0.00	25.13 1.59 0.00	23.50 1.31 0.00	22.28 1.01 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.18 -0.12 0.00	20.02 -0.11 0.00	18.04 -0.07 0.00	16.14 -0.02 0.00	16.59 -0.03 0.00	19.97 -0.04 0.00	22.72 0.08 0.00	27.09 0.33 0.00	31.19 0.51 0.00	34.52 0.62 0.00	30.89 0.62 0.00	24.00 0.48 0.00	18.95 0.37 0.00	17.76 0.33 0.00	21.17 0.36 0.00	25.06 0.44 0.00	21.84 0.38 0.00	25.02 0.39 0.00	31.04 0.50 0.00	26.56 0.38 0.00	24.58 0.37 0.00	23.87 0.33 0.00	22.39 0.20 0.00	21.31 0.04 0.00
WATSON__69_KV_BK 1 55734	31.69 1.80 -6.58	22.57 1.50 -0.94	19.49 1.39 0.00	17.46 1.31 0.00	17.96 1.34 0.00	21.66 1.65 0.00	24.84 2.20 0.00	29.28 2.51 0.00	33.72 3.05 0.00	37.35 3.45 0.00	35.39 3.24 -1.89	40.69 2.57 -14.59	34.81 2.04 -14.19	36.23 1.93 -16.86	33.74 2.36 -10.58	32.67 2.85 -5.19	31.94 2.42 -8.07	77.27 2.82 -49.82	59.98 3.48 -25.95	32.64 3.07 -3.39	27.07 2.80 -0.06	26.08 2.54 0.00	24.38 2.18 0.00	23.11 1.84 0.00
WDELAWARE__HYD 323627	23.70 0.39 0.00	20.45 0.32 0.00	18.45 0.34 0.00	16.47 0.32 0.00	16.93 0.31 0.00	20.43 0.42 0.00	23.34 0.70 0.00	27.77 1.01 0.00	31.90 1.23 0.00	35.35 1.45 0.00	33.22 1.32 -1.64	37.22 1.00 -12.70	31.18 0.29 -12.31	32.33 0.25 -14.64	30.02 0.29 -8.91	29.08 0.42 -4.03	28.79 0.43 -6.90	28.75 0.54 -3.59	32.20 0.57 -1.08	28.01 0.58 -1.25	25.34 1.14 0.00	24.51 0.98 0.00	22.94 0.74 0.00	21.77 0.50 0.00



WEST BABYLON___IC 23714	35.25 1.68 -10.26	22.99 1.40 -1.47	19.40 1.29 0.00	17.38 1.23 0.00	17.86 1.24 0.00	21.55 1.54 0.00	24.69 2.05 0.00	29.14 2.37 0.00	33.55 2.87 0.00	37.15 3.24 0.00	35.20 3.05 -1.89	40.53 2.42 -14.58	34.68 1.91 -14.19	36.11 1.81 -16.86	33.61 2.22 -10.58	32.50 2.69 -5.19	31.82 2.29 -8.07	77.11 2.66 -49.82	59.78 3.28 -25.95	32.45 2.88 -3.39	26.90 2.64 -0.06	25.93 2.40 0.00	24.23 2.04 0.00	22.97 1.70 0.00
WEST CANADA___HYD 24049	23.28 -0.03 0.00	20.11 -0.02 0.00	18.10 0.00 0.00	16.15 0.00 0.00	16.62 0.00 0.00	20.01 0.00 0.00	22.68 0.04 0.00	26.87 0.11 0.00	30.82 0.15 0.00	34.07 0.17 0.00	30.42 0.15 0.00	23.65 0.12 0.00	18.67 0.10 0.00	17.52 0.09 0.00	20.92 0.10 0.00	24.75 0.12 0.00	21.56 0.11 0.00	24.75 0.12 0.00	30.70 0.15 0.00	26.29 0.10 0.00	24.31 0.10 0.00	23.64 0.10 0.00	22.27 0.07 0.00	21.31 0.04 0.00
WESTERN_NY_WIND 24143	24.34 1.03 0.00	20.96 0.83 0.00	18.65 0.79 0.24	16.67 0.57 0.06	17.34 0.72 0.00	21.06 1.05 0.00	23.79 1.15 0.00	27.70 0.93 0.00	31.17 0.49 0.00	31.41 0.77 3.26	27.91 0.60 2.95	25.27 0.04 -1.70	18.99 -0.17 -0.59	19.66 -0.13 -2.35	21.61 -0.20 -1.00	25.08 -0.19 -0.65	21.93 -0.15 -0.62	22.65 -0.14 1.83	25.69 0.01 4.87	24.37 0.04 1.85	24.33 0.12 0.00	23.83 0.29 0.00	22.60 0.41 0.00	22.12 0.85 0.00
WESTOVER___LESR 323668	23.60 0.29 0.00	20.37 0.24 0.00	18.33 0.22 0.00	16.33 0.18 0.00	16.82 0.20 0.00	20.30 0.29 0.00	23.08 0.44 0.00	27.26 0.49 0.00	31.22 0.55 0.00	34.56 0.66 0.00	31.44 0.54 -0.63	28.66 0.40 -4.74	23.18 0.23 -4.37	23.20 0.22 -5.54	24.35 0.25 -3.28	26.43 0.28 -1.53	24.30 0.33 -2.51	25.84 0.36 -0.86	30.34 0.42 0.63	26.60 0.37 -0.05	24.58 0.37 0.00	23.99 0.46 0.00	22.54 0.35 0.00	21.64 0.37 0.00
WETHRSFD_WT_PWR 323626	23.82 0.51 0.00	20.54 0.41 0.00	18.39 0.39 0.11	16.37 0.24 0.03	16.95 0.33 0.00	20.48 0.47 0.00	23.20 0.56 0.00	27.08 0.31 0.00	30.56 -0.12 0.00	32.25 0.14 1.79	28.80 -0.05 1.41	25.45 -0.33 -2.25	19.19 -0.49 -1.11	19.95 -0.47 -2.98	21.65 -0.54 -1.38	24.75 -0.69 -0.82	21.85 -0.53 -0.92	22.20 -0.73 1.69	24.89 -0.79 4.86	23.68 -0.69 1.81	23.66 -0.54 0.00	23.31 -0.22 0.00	22.01 -0.19 0.00	21.53 0.26 0.00
WHAVSTOR_138KV_BK127 55557	23.85 0.54 0.00	20.60 0.47 0.00	18.59 0.48 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.56 0.55 0.00	23.48 0.85 0.00	27.92 1.16 0.00	32.06 1.38 0.00	35.50 1.60 0.00	33.66 1.59 -1.80	38.78 1.27 -13.98	33.17 1.03 -13.57	34.52 0.96 -16.12	31.81 1.18 -9.81	30.49 1.42 -4.44	30.32 1.26 -7.61	30.03 1.45 -3.96	33.50 1.74 -1.21	29.06 1.49 -1.39	25.58 1.38 0.00	24.78 1.25 0.00	23.19 1.00 0.00	22.02 0.75 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.85 0.54 0.00	20.60 0.47 0.00	18.59 0.48 0.00	16.62 0.46 0.00	17.07 0.45 0.00	20.56 0.55 0.00	23.48 0.85 0.00	27.92 1.16 0.00	32.06 1.38 0.00	35.50 1.60 0.00	33.66 1.59 -1.80	38.78 1.27 -13.98	33.17 1.03 -13.57	34.52 0.96 -16.12	31.81 1.18 -9.81	30.49 1.42 -4.44	30.32 1.26 -7.61	30.03 1.45 -3.96	33.50 1.74 -1.21	29.06 1.49 -1.39	25.58 1.38 0.00	24.78 1.25 0.00	23.19 1.00 0.00	22.02 0.75 0.00
WHITEHAL_115KV_TB1 80871	24.57 1.26 0.00	21.21 1.08 0.00	19.14 1.03 0.00	17.11 0.95 0.00	17.70 1.08 0.00	21.51 1.50 0.00	24.31 1.67 0.00	29.57 2.80 0.00	34.47 3.80 0.00	38.13 4.22 0.00	36.78 4.07 -2.45	45.54 2.98 -19.03	39.47 2.38 -18.51	41.59 2.23 -21.92	36.76 2.58 -13.37	33.60 2.93 -6.04	34.49 2.67 -10.36	33.09 2.97 -5.50	36.13 3.71 -1.88	31.27 3.11 -1.98	26.78 2.58 0.00	25.78 2.25 0.00	24.00 1.81 0.00	22.81 1.54 0.00
WHITEPLN_13_KV_LOAD 356215	24.18 0.87 0.00	20.89 0.76 0.00	18.85 0.74 0.00	16.85 0.70 0.00	17.31 0.70 0.00	20.86 0.85 0.00	23.85 1.21 0.00	28.42 1.66 0.00	32.66 1.99 0.00	36.18 2.28 0.00	34.34 2.19 -1.88	39.84 1.73 -14.58	34.10 1.38 -14.15	35.55 1.30 -16.81	32.64 1.59 -10.24	31.15 1.90 -4.63	31.05 1.67 -7.93	30.68 1.93 -4.14	34.16 2.34 -1.27	29.62 1.99 -1.45	26.02 1.82 0.00	25.18 1.65 0.00	23.55 1.35 0.00	22.32 1.05 0.00
WM_FLOYD_69_KV_BK2 356380	29.86 1.71 -4.84	22.25 1.42 -0.69	19.44 1.33 0.00	17.42 1.27 0.00	17.91 1.29 0.00	21.58 1.57 0.00	24.75 2.12 0.00	29.16 2.40 0.00	33.59 2.92 0.00	37.21 3.31 0.00	35.27 3.12 -1.89	40.59 2.48 -14.59	34.72 1.95 -14.19	36.18 1.88 -16.86	33.67 2.28 -10.58	32.56 2.75 -5.19	31.84 2.32 -8.07	77.17 2.73 -49.82	59.89 3.39 -25.95	32.56 2.99 -3.39	26.98 2.71 -0.06	26.01 2.48 0.00	24.33 2.14 0.00	23.07 1.80 0.00
WOODARD___115KV_TB2 355635	23.33 0.02 0.00	20.12 -0.01 0.00	18.11 0.00 0.00	16.13 -0.02 0.00	16.62 0.00 0.00	20.05 0.03 0.00	22.72 0.08 0.00	26.71 -0.05 0.00	30.46 -0.22 0.00	33.64 -0.27 0.00	30.13 -0.35 -0.21	24.84 -0.29 -1.61	19.90 -0.24 -1.57	19.06 -0.23 -1.85	21.66 -0.28 -1.13	24.81 -0.33 -0.51	22.08 -0.25 -0.88	24.81 -0.28 -0.47	30.36 -0.34 -0.16	26.06 -0.28 -0.17	23.95 -0.25 0.00	23.34 -0.19 0.00	22.15 -0.05 0.00	21.27 0.00 0.00
YORK___WARBASSE 23770	24.09 0.78 0.00	20.80 0.67 0.00	18.78 0.67 0.00	16.79 0.64 0.00	17.26 0.64 0.00	20.78 0.77 0.00	23.76 1.11 0.00	27.00 1.51 1.28	29.92 1.82 2.58	31.17 2.07 4.81	32.24 2.02 0.05	39.70 1.55 -14.62	34.00 1.23 -14.19	34.94 1.12 -16.38	32.50 1.42 -10.26	31.07 1.81 -4.64	31.00 1.59 -7.95	30.57 1.80 -4.15	34.01 2.19 -1.28	29.52 1.89 -1.45	25.95 1.75 0.00	25.15 1.61 0.00	23.55 1.36 0.00	22.32 1.05 0.00