

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

10/16/2024

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	26.77	25.52	28.64	28.06	30.01	35.49	38.92	38.63	35.74	36.70	38.05	35.04	31.05	28.12	26.67	26.84	28.88	38.73	40.33	45.40	40.71	40.45	39.36	35.18
24138	1.14	1.04	1.07	1.07	1.09	1.37	1.56	1.60	1.45	1.63	1.59	1.56	1.49	1.54	1.60	1.64	1.62	2.05	2.15	2.10	1.82	1.67	1.50	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	26.82	25.58	28.71	28.12	30.06	35.56	39.00	38.73	35.80	36.74	38.08	35.06	31.07	28.14	26.69	26.86	28.90	38.75	40.36	45.47	40.79	40.55	39.43	35.22
24260	1.19	1.10	1.14	1.13	1.15	1.45	1.64	1.69	1.51	1.66	1.63	1.57	1.51	1.56	1.62	1.66	1.64	2.07	2.17	2.16	1.90	1.78	1.56	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	26.82	25.58	28.71	28.12	30.06	35.56	39.00	38.73	35.80	36.74	38.08	35.06	31.07	28.14	26.69	26.86	28.90	38.75	40.36	45.47	40.79	40.55	39.43	35.22
24261	1.19	1.10	1.14	1.13	1.15	1.45	1.64	1.69	1.51	1.66	1.63	1.57	1.51	1.56	1.62	1.66	1.64	2.07	2.17	2.16	1.90	1.78	1.56	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	26.88	25.66	28.84	28.21	30.29	35.83	39.37	39.10	36.00	36.43	37.98	34.87	30.49	27.47	25.85	26.07	28.41	38.58	40.30	45.54	40.96	40.69	39.62	35.44
24011	1.25	1.18	1.26	1.22	1.38	1.71	2.01	2.06	1.71	1.36	1.52	1.39	0.92	0.89	0.78	0.86	1.15	1.90	2.11	2.23	2.07	1.92	1.76	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	27.15	25.90	29.09	28.45	30.58	36.19	39.77	39.53	36.40	36.79	38.32	35.22	30.74	27.69	26.03	26.29	28.67	38.95	40.71	46.03	41.44	41.15	40.04	35.80
23798	1.52	1.42	1.51	1.46	1.66	2.07	2.41	2.49	2.11	1.72	1.87	1.74	1.18	1.11	0.96	1.08	1.40	2.28	2.52	2.72	2.55	2.38	2.18	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	26.88	25.66	28.84	28.21	30.29	35.83	39.37	39.10	36.00	36.43	37.98	34.87	30.49	27.47	25.85	26.07	28.41	38.58	40.30	45.54	40.96	40.69	39.62	35.44
24028	1.25	1.18	1.26	1.22	1.38	1.71	2.01	2.06	1.71	1.36	1.52	1.39	0.92	0.89	0.78	0.86	1.15	1.90	2.11	2.23	2.07	1.92	1.76	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	26.82	25.63	28.79	28.18	30.24	35.64	38.80	38.29	35.30	35.88	37.41	34.47	30.25	27.34	25.74	25.80	27.99	37.55	38.99	43.97	39.61	39.66	38.97	34.99
23527	1.19	1.15	1.21	1.19	1.32	1.52	1.44	1.25	1.01	0.81	0.96	0.99	0.69	0.76	0.67	0.59	0.73	0.87	0.80	0.66	0.72	0.89	1.11	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	25.70	24.54	27.60	27.02	28.95	34.18	37.52	37.10	34.23	34.84	36.25	33.31	29.32	26.49	24.99	25.15	27.24	36.74	38.26	43.18	38.82	38.61	37.69	33.84
24190	0.07	0.07	0.03	0.03	0.03	0.06	0.16	0.06	-0.06	-0.23	-0.21	-0.17	-0.24	-0.09	-0.08	-0.06	-0.03	0.06	0.07	-0.13	-0.08	-0.16	-0.18	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	25.87	24.67	27.75	27.18	29.13	34.32	37.41	37.02	34.44	35.23	36.81	33.88	29.91	26.52	24.90	24.98	27.08	36.51	38.02	43.27	38.82	38.94	38.19	34.25
355683	0.24	0.19	0.17	0.18	0.21	0.20	0.05	-0.02	0.15	0.16	0.35	0.40	0.35	-0.06	-0.17	-0.23	-0.18	-0.17	-0.16	-0.04	-0.08	0.17	0.33	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	26.32	25.16	28.32	27.72	29.72	35.07	38.46	38.01	35.02	35.43	36.87	33.74	29.63	26.71	25.18	25.31	27.57	37.47	39.15	44.23	39.75	39.53	38.59	34.61
323833	0.69	0.68	0.74	0.73	0.81	0.96	1.11	0.97	0.73	0.35	0.41	0.25	0.07	0.13	0.11	0.11	0.31	0.80	0.96	0.92	0.85	0.76	0.72	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	26.32	25.14	28.32	27.72	29.70	35.06	38.45	38.00	35.01	35.42	36.87	33.73	29.62	26.71	25.18	25.31	27.57	37.47	39.14	44.20	39.73	39.52	38.57	34.60
323834	0.69	0.67	0.74	0.73	0.79	0.94	1.09	0.96	0.72	0.34	0.41	0.25	0.06	0.13	0.11	0.11	0.31	0.79	0.96	0.89	0.83	0.74	0.71	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	25.70	24.54	27.60	27.02	28.95	34.18	37.52	37.10	34.23	34.84	36.25	33.31	29.32	26.49	24.99	25.15	27.24	36.74	38.26	43.18	38.82	38.61	37.69	33.84
23571	0.07	0.07	0.03	0.03	0.03	0.06	0.16	0.06	-0.06	-0.23	-0.21	-0.17	-0.24	-0.09	-0.08	-0.06	-0.03	0.06	0.07	-0.13	-0.08	-0.16	-0.18	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	25.70 0.07 0.00	24.54 0.07 0.00	27.60 0.03 0.00	27.02 0.03 0.00	28.95 0.03 0.00	34.18 0.06 0.00	37.52 0.16 0.00	37.10 0.06 0.00	34.23 -0.06 0.00	34.84 -0.23 0.00	36.25 -0.21 0.00	33.31 -0.17 0.00	29.32 -0.24 0.00	26.49 -0.09 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.24 -0.03 0.00	36.74 0.06 0.00	38.26 0.07 0.00	43.18 -0.13 0.00	38.82 -0.08 0.00	38.61 -0.16 0.00	37.69 -0.18 0.00	33.84 -0.08 0.00
ALBANY___3 23573	25.70 0.07 0.00	24.54 0.07 0.00	27.60 0.03 0.00	27.02 0.03 0.00	28.95 0.03 0.00	34.18 0.06 0.00	37.52 0.16 0.00	37.10 0.06 0.00	34.23 -0.06 0.00	34.84 -0.23 0.00	36.25 -0.21 0.00	33.31 -0.17 0.00	29.32 -0.24 0.00	26.49 -0.09 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.24 -0.03 0.00	36.74 0.06 0.00	38.26 0.07 0.00	43.18 -0.13 0.00	38.82 -0.08 0.00	38.61 -0.16 0.00	37.69 -0.18 0.00	33.84 -0.08 0.00
ALBANY___4 23574	25.70 0.07 0.00	24.54 0.07 0.00	27.60 0.03 0.00	27.02 0.03 0.00	28.95 0.03 0.00	34.18 0.06 0.00	37.52 0.16 0.00	37.10 0.06 0.00	34.23 -0.06 0.00	34.84 -0.23 0.00	36.25 -0.21 0.00	33.31 -0.17 0.00	29.32 -0.24 0.00	26.49 -0.09 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.24 -0.03 0.00	36.74 0.06 0.00	38.26 0.07 0.00	43.18 -0.13 0.00	38.82 -0.08 0.00	38.61 -0.16 0.00	37.69 -0.18 0.00	33.84 -0.08 0.00
ALBANY___LFGE 323615	25.97 0.34 0.00	24.80 0.32 0.00	27.89 0.31 0.00	27.30 0.32 0.00	29.27 0.35 0.00	34.55 0.43 0.00	37.93 0.57 0.00	37.53 0.50 0.00	34.62 0.33 0.00	35.24 0.17 0.00	36.68 0.22 0.00	33.70 0.22 0.00	29.66 0.09 0.00	26.77 0.20 0.00	25.26 0.19 0.00	25.43 0.22 0.00	27.56 0.30 0.00	37.20 0.53 0.00	38.74 0.56 0.00	43.71 0.39 0.00	39.29 0.39 0.00	39.06 0.29 0.00	38.12 0.25 0.00	34.20 0.28 0.00
ALCOA_PA_115KV_PL-6C 55860	25.96 0.33 0.00	24.77 0.29 0.00	27.85 0.27 0.00	27.28 0.29 0.00	29.24 0.32 0.00	34.45 0.33 0.00	37.54 0.18 0.00	37.16 0.12 0.00	34.56 0.27 0.00	35.35 0.28 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.01 0.45 0.00	26.61 0.04 0.00	24.98 -0.09 0.00	25.07 -0.13 0.00	27.18 -0.08 0.00	36.64 -0.04 0.00	38.16 -0.03 0.00	43.41 0.10 0.00	38.91 0.02 0.00	39.07 0.30 0.00	38.33 0.47 0.00	34.38 0.46 0.00
ALCOA_RYNLDS___DRP 24188	25.96 0.33 0.00	24.77 0.29 0.00	27.85 0.27 0.00	27.28 0.29 0.00	29.24 0.32 0.00	34.45 0.33 0.00	37.54 0.18 0.00	37.16 0.12 0.00	34.56 0.27 0.00	35.35 0.28 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.01 0.45 0.00	26.61 0.04 0.00	24.98 -0.09 0.00	25.07 -0.13 0.00	27.18 -0.08 0.00	36.64 -0.04 0.00	38.16 -0.03 0.00	43.41 0.10 0.00	38.91 0.02 0.00	39.07 0.30 0.00	38.33 0.47 0.00	34.38 0.46 0.00
ALCOA___DSASP 323711	25.96 0.33 0.00	24.77 0.29 0.00	27.85 0.27 0.00	27.28 0.29 0.00	29.24 0.32 0.00	34.45 0.33 0.00	37.54 0.18 0.00	37.16 0.12 0.00	34.56 0.26 0.00	35.35 0.28 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.01 0.45 0.00	26.61 0.04 0.00	24.98 -0.09 0.00	25.07 -0.13 0.00	27.18 -0.08 0.00	36.64 -0.04 0.00	38.16 -0.03 0.00	43.41 0.10 0.00	38.91 0.02 0.00	39.07 0.30 0.00	38.33 0.47 0.00	34.38 0.46 0.00
ALLEGHENY___COGEN 23514	25.83 0.20 0.00	24.63 0.15 0.00	27.95 0.37 0.00	27.29 0.30 0.00	29.10 0.19 0.00	33.98 -0.14 0.00	36.94 -0.42 0.00	38.83 -0.05 -1.84	34.49 0.20 0.00	35.34 0.27 0.00	36.31 -0.15 0.00	33.18 -0.31 0.00	29.11 -0.45 0.00	26.45 -0.13 0.00	24.89 -0.18 0.00	24.91 -0.29 0.00	26.99 -0.27 0.00	36.59 -0.08 0.00	38.87 0.69 0.00	44.30 0.99 0.00	39.64 0.75 0.00	39.35 0.57 0.00	38.25 0.38 0.00	35.02 1.10 0.00
ALTAMONT_115KV_TB 2 55880	26.01 0.38 0.00	24.85 0.37 0.00	27.97 0.39 0.00	27.38 0.39 0.00	29.32 0.41 0.00	34.59 0.47 0.00	37.93 0.57 0.00	37.56 0.52 0.00	34.68 0.38 0.00	35.32 0.25 0.00	36.73 0.27 0.00	33.75 0.26 0.00	29.73 0.17 0.00	26.83 0.25 0.00	25.33 0.26 0.00	25.49 0.29 0.00	27.58 0.33 0.00	37.19 0.52 0.00	38.76 0.58 0.00	43.80 0.49 0.00	39.38 0.48 0.00	39.16 0.39 0.00	38.24 0.37 0.00	34.26 0.34 0.00
ALTONA_WT_PWR 323606	25.51 -0.12 0.00	24.25 -0.22 0.00	27.19 -0.39 0.00	26.57 -0.42 0.00	28.53 -0.39 0.00	33.40 -0.72 0.00	36.18 -1.18 0.00	35.91 -1.13 0.00	33.43 -0.86 0.00	34.44 -0.63 0.00	36.43 -0.02 0.00	33.86 0.38 0.00	29.71 0.15 0.00	26.00 -0.58 0.00	24.21 -0.86 0.00	24.50 -0.70 0.00	26.73 -0.53 0.00	35.99 -0.69 0.00	37.52 -0.66 0.00	42.46 -0.85 0.00	38.14 -0.76 0.00	38.41 -0.36 0.00	38.21 0.35 0.00	34.41 0.49 0.00
AMERICAN_REF_FUEL 24010	24.07 -1.56 0.00	23.02 -1.46 0.00	26.07 -1.51 0.00	25.45 -1.54 0.00	27.32 -1.60 0.00	32.31 -1.81 0.00	34.94 -2.42 0.00	34.22 -2.38 0.44	32.05 -2.24 0.00	33.88 -1.19 0.00	35.34 -1.12 0.00	32.26 -1.22 0.00	28.77 -0.79 0.00	26.10 -0.48 0.00	24.60 -0.46 0.00	24.55 -0.65 0.00	26.39 -0.87 0.00	34.76 -1.91 0.00	36.23 -1.95 0.00	41.33 -1.98 0.00	37.12 -1.77 0.00	37.18 -1.59 0.00	36.24 -1.63 0.00	32.81 -1.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.74 -0.89 0.00	23.77 -0.71 0.00	27.19 -0.39 0.00	26.34 -0.65 0.00	28.33 -0.59 0.00	33.55 -0.57 0.00	36.64 -0.72 0.00	36.46 -0.35 0.23	34.11 -0.18 0.00	35.91 0.84 0.00	36.98 0.52 0.00	33.73 0.25 0.00	30.16 0.60 0.00	27.35 0.78 0.00	25.82 0.75 0.00	25.74 0.54 0.00	27.77 0.51 0.00	37.07 0.39 0.00	38.83 0.64 0.00	44.04 0.73 0.00	39.57 0.67 0.00	39.46 0.68 0.00	38.32 0.45 0.00	34.34 0.42 0.00
ARTHUR KILL_GT_1 23520	26.74 1.10 -0.01	25.48 1.00 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.97 1.05 0.00	35.40 1.28 0.00	38.69 1.33 0.00	38.31 1.28 0.00	35.45 1.16 0.00	36.38 1.32 0.00	37.68 1.22 0.00	34.82 1.33 0.00	30.73 1.16 0.00	27.81 1.24 0.00	26.39 1.32 0.00	26.54 1.34 0.00	28.55 1.30 0.00	38.34 1.67 0.00	38.77 1.74 1.15	45.00 1.70 0.00	40.46 1.57 0.00	40.38 1.60 0.00	39.21 1.35 0.00	35.10 1.18 0.00
ARTHUR_KILL_2 23512	26.67 1.03 -0.01	25.41 0.93 0.00	28.54 0.96 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.30 1.18 0.00	38.57 1.21 0.00	38.20 1.17 0.00	35.35 1.06 0.00	36.29 1.22 0.00	37.58 1.13 0.00	34.74 1.26 0.00	30.65 1.09 0.00	27.75 1.18 0.00	26.33 1.26 0.00	26.49 1.29 0.00	28.49 1.24 0.00	38.23 1.56 0.00	38.65 1.62 1.15	44.86 1.55 0.00	40.34 1.45 0.00	40.26 1.49 0.00	39.10 1.24 0.00	35.00 1.08 0.00
ARTHUR_KILL_3 23513	26.56 0.93 0.00	25.33 0.85 0.00	28.44 0.86 0.00	27.87 0.88 0.00	29.81 0.89 0.00	35.23 1.11 0.00	38.60 1.24 0.00	38.30 1.27 0.00	35.36 1.07 0.00	36.27 1.20 0.00	37.57 1.11 0.00	34.60 1.12 0.00	30.69 1.12 0.00	27.79 1.21 0.00	26.35 1.28 0.00	26.53 1.33 0.00	28.54 1.28 0.00	38.25 1.58 0.00	39.86 1.68 0.00	44.91 1.60 0.00	40.32 1.42 0.00	40.08 1.30 0.00	39.01 1.14 0.00	34.88 0.96 0.00



[illegible]



ASTORIA_GT4_4 24105	26.68 1.04 -0.01	25.44 0.96 0.00	28.54 0.96 0.00	28.00 1.01 0.00	29.87 0.95 0.00	35.31 1.20 0.00	38.71 1.35 0.00	38.44 1.41 0.00	35.58 1.29 0.00	36.48 1.41 0.00	37.81 1.35 0.00	34.82 1.34 0.00	30.85 1.29 0.00	27.99 1.41 0.00	26.53 1.46 0.00	26.69 1.49 0.00	28.69 1.43 0.00	38.39 1.72 0.00	40.00 1.82 0.00	45.09 1.78 0.00	40.50 1.60 0.00	40.28 1.51 0.00	39.19 1.32 0.00	35.01 1.09 0.00
ASTORIA_GT_1 23523	26.72 1.08 -0.01	25.48 1.00 0.00	28.59 1.01 0.00	28.05 1.06 0.00	29.91 0.99 0.00	35.38 1.26 0.00	38.78 1.42 0.00	38.51 1.48 0.00	35.65 1.36 0.00	36.57 1.50 0.00	37.89 1.44 0.00	34.88 1.41 0.01	30.93 1.37 0.00	28.04 1.47 0.00	26.58 1.52 0.00	26.76 1.56 0.00	28.74 1.49 0.00	38.48 1.81 0.00	40.09 1.91 0.00	45.18 1.87 0.00	40.58 1.69 0.00	40.36 1.58 0.00	39.26 1.39 0.00	35.08 1.16 0.00
ASTORIA_GT_10 24110	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.44 1.32 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.93 1.44 0.00	30.93 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.98 0.00	45.25 1.93 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
ASTORIA_GT_11 24225	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.44 1.32 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.93 1.44 0.00	30.93 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.98 0.00	45.25 1.93 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
ASTORIA_GT_12 24226	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.44 1.32 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.93 1.44 0.00	30.93 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.98 0.00	45.25 1.93 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
ASTORIA_GT_13 24227	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.44 1.32 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.93 1.44 0.00	30.93 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.98 0.00	45.25 1.93 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
ASTORIA_GT_5 24106	26.73 1.09 -0.01	25.48 1.00 0.00	28.59 1.01 0.00	28.05 1.06 0.00	29.91 0.99 0.00	35.37 1.25 0.00	38.78 1.42 0.00	38.52 1.48 0.00	35.65 1.36 0.00	36.56 1.49 0.00	37.89 1.44 0.00	34.89 1.41 0.00	30.92 1.36 0.00	28.05 1.47 0.00	26.59 1.52 0.00	26.76 1.55 0.00	28.75 1.49 0.00	38.48 1.80 0.00	40.09 1.91 0.00	45.18 1.87 0.00	40.58 1.68 0.00	40.36 1.58 0.00	39.26 1.40 0.00	35.08 1.16 0.00
ASTORIA_GT_7 24107	26.73 1.09 -0.01	25.48 1.00 0.00	28.59 1.01 0.00	28.05 1.06 0.00	29.91 0.99 0.00	35.37 1.25 0.00	38.78 1.42 0.00	38.52 1.48 0.00	35.65 1.36 0.00	36.56 1.49 0.00	37.89 1.44 0.00	34.89 1.41 0.00	30.92 1.36 0.00	28.05 1.47 0.00	26.59 1.52 0.00	26.76 1.55 0.00	28.75 1.49 0.00	38.48 1.80 0.00	40.09 1.91 0.00	45.18 1.87 0.00	40.58 1.68 0.00	40.36 1.58 0.00	39.26 1.40 0.00	35.08 1.16 0.00
ASTORIA_GT_8 24108	26.73 1.09 -0.01	25.48 1.00 0.00	28.59 1.01 0.00	28.05 1.06 0.00	29.91 0.99 0.00	35.37 1.25 0.00	38.78 1.42 0.00	38.52 1.48 0.00	35.65 1.36 0.00	36.56 1.49 0.00	37.89 1.44 0.00	34.89 1.41 0.00	30.92 1.36 0.00	28.05 1.47 0.00	26.59 1.52 0.00	26.76 1.55 0.00	28.75 1.49 0.00	38.48 1.80 0.00	40.09 1.91 0.00	45.18 1.87 0.00	40.58 1.68 0.00	40.36 1.58 0.00	39.26 1.40 0.00	35.08 1.16 0.00
ASTORIA___2 24149	26.68 1.04 -0.01	25.44 0.96 0.00	28.54 0.96 0.00	28.01 1.02 0.00	29.87 0.95 0.00	35.31 1.20 0.00	38.71 1.35 0.00	38.44 1.40 0.00	35.58 1.29 0.00	36.48 1.42 0.00	37.81 1.35 0.00	34.82 1.34 0.01	30.87 1.31 0.00	27.99 1.41 0.00	26.52 1.46 0.00	26.70 1.49 0.00	28.69 1.43 0.00	38.40 1.72 0.00	40.01 1.82 0.00	45.09 1.78 0.00	40.50 1.60 0.00	40.28 1.51 0.00	39.18 1.32 0.00	35.01 1.09 0.00
ASTORIA___3 23516	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.07 1.07 0.00	29.98 1.07 0.00	35.44 1.33 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.57 1.50 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.99 0.00	45.25 1.94 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
ASTORIA___4 23517	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.44 1.32 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.93 1.44 0.00	30.93 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.99 0.00	45.25 1.93 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
ASTORIA___5 23518	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.07 1.07 0.00	29.98 1.07 0.00	35.44 1.33 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.57 1.50 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.99 0.00	45.25 1.94 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
AST_ENERGY_2_CC3 323677	26.64 1.01 0.00	25.42 0.94 0.00	28.51 0.93 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.70 1.35 0.00	38.42 1.38 0.00	35.50 1.21 0.00	36.42 1.35 0.00	37.74 1.28 0.00	34.76 1.27 0.00	30.81 1.25 0.00	27.91 1.33 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.23 1.46 0.00	39.13 1.27 0.00	34.97 1.05 0.00
AST_ENERGY_2_CC4 323678	26.64 1.01 0.00	25.42 0.94 0.00	28.51 0.93 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.70 1.35 0.00	38.42 1.38 0.00	35.50 1.21 0.00	36.42 1.35 0.00	37.74 1.28 0.00	34.76 1.27 0.00	30.81 1.25 0.00	27.91 1.33 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.23 1.46 0.00	39.13 1.27 0.00	34.97 1.05 0.00



ATHENS_STG_1 23668	26.02 0.39 0.00	24.88 0.40 0.00	28.01 0.43 0.00	27.41 0.42 0.00	29.33 0.42 0.00	34.58 0.46 0.00	37.91 0.55 0.00	37.55 0.51 0.00	34.69 0.40 0.00	35.43 0.36 0.00	36.79 0.33 0.00	33.82 0.34 0.00	29.87 0.31 0.00	26.99 0.41 0.00	25.53 0.46 0.00	25.69 0.49 0.00	27.73 0.47 0.00	37.28 0.61 0.00	38.83 0.64 0.00	43.84 0.53 0.00	39.40 0.50 0.00	39.19 0.42 0.00	38.24 0.37 0.00	34.24 0.32 0.00
ATHENS_STG_2 23670	26.02 0.39 0.00	24.88 0.40 0.00	28.01 0.43 0.00	27.41 0.42 0.00	29.33 0.42 0.00	34.58 0.46 0.00	37.91 0.55 0.00	37.55 0.51 0.00	34.69 0.40 0.00	35.43 0.36 0.00	36.79 0.33 0.00	33.82 0.34 0.00	29.87 0.31 0.00	26.99 0.41 0.00	25.53 0.46 0.00	25.69 0.49 0.00	27.73 0.47 0.00	37.28 0.61 0.00	38.83 0.64 0.00	43.84 0.53 0.00	39.40 0.50 0.00	39.19 0.42 0.00	38.24 0.37 0.00	34.24 0.32 0.00
ATHENS_STG_3 23677	26.02 0.39 0.00	24.88 0.40 0.00	28.01 0.43 0.00	27.41 0.42 0.00	29.33 0.42 0.00	34.58 0.46 0.00	37.91 0.55 0.00	37.55 0.51 0.00	34.69 0.40 0.00	35.43 0.36 0.00	36.79 0.33 0.00	33.82 0.34 0.00	29.87 0.31 0.00	26.99 0.41 0.00	25.53 0.46 0.00	25.69 0.49 0.00	27.73 0.47 0.00	37.28 0.61 0.00	38.83 0.64 0.00	43.84 0.53 0.00	39.40 0.50 0.00	39.19 0.42 0.00	38.24 0.37 0.00	34.24 0.32 0.00
AUBURN___LFGE 323710	25.47 -0.16 0.00	24.33 -0.15 0.00	27.48 -0.10 0.00	26.86 -0.13 0.00	28.80 -0.12 0.00	34.05 -0.07 0.00	37.33 -0.03 0.00	37.11 0.08 0.00	34.39 0.10 0.00	35.26 0.19 0.00	36.52 0.06 0.00	33.47 -0.02 0.00	29.55 -0.01 0.00	26.60 0.03 0.00	25.15 0.09 0.00	25.34 0.14 0.00	27.43 0.17 0.00	36.86 0.18 0.00	38.47 0.29 0.00	43.58 0.27 0.00	39.07 0.18 0.00	38.90 0.13 0.00	37.90 0.03 0.00	33.94 0.02 0.00
BABYLON_RES_REC 323704	26.74 1.10 0.00	25.51 1.03 0.00	28.53 0.96 0.00	27.86 0.87 0.00	27.89 0.48 1.51	22.95 0.51 11.68	36.82 0.62 1.16	17.28 0.53 20.28	16.79 0.46 17.96	19.03 0.58 16.62	28.29 0.50 8.66	33.89 0.61 0.20	30.40 0.84 0.01	27.45 0.88 0.00	26.13 1.06 0.00	26.23 1.03 0.00	27.94 0.87 0.19	32.62 0.84 4.89	28.88 1.03 10.34	27.75 0.89 16.45	32.08 0.75 7.57	37.80 0.65 1.63	38.40 0.54 0.00	34.16 0.24 0.01
BABYLON__69_KV_BK2 356345	26.95 1.32 0.00	25.72 1.24 0.00	28.76 1.18 0.00	28.08 1.08 0.00	28.21 0.86 1.55	23.14 1.07 12.05	37.44 1.27 1.20	17.46 1.33 20.90	16.92 1.14 18.51	19.17 1.23 17.13	28.71 1.18 8.93	34.47 1.19 0.20	30.89 1.34 0.01	27.91 1.34 0.00	26.60 1.53 0.00	26.70 1.49 0.00	28.46 1.40 0.20	33.33 1.69 5.03	29.55 1.96 10.59	28.40 1.95 16.86	32.82 1.69 7.76	38.49 1.39 1.68	39.03 1.16 0.00	34.70 0.79 0.01
BALL_HILL_WT_PWR 323825	24.71 -0.92 0.00	23.68 -0.79 0.00	26.98 -0.60 0.00	26.24 -0.75 0.00	28.18 -0.73 0.00	33.33 -0.79 0.00	36.33 -1.03 0.00	35.94 -0.76 0.33	33.56 -0.73 0.00	35.36 0.29 0.00	36.59 0.14 0.00	33.32 -0.16 0.00	29.76 0.20 0.00	27.00 0.43 0.00	25.47 0.40 0.00	25.45 0.25 0.00	27.41 0.15 0.00	36.41 -0.27 0.00	38.07 -0.11 0.00	43.23 -0.08 0.00	38.84 -0.06 0.00	38.77 -0.01 0.00	37.75 -0.11 0.00	33.94 0.02 0.00
BARON_WINDS___WT_PWR 323822	24.74 -0.89 0.00	23.69 -0.79 0.00	27.07 -0.51 0.00	26.38 -0.61 0.00	28.18 -0.73 0.00	33.27 -0.85 0.00	36.13 -1.23 0.00	31.82 -0.93 4.29	33.78 -0.52 0.00	35.20 0.13 0.00	36.33 -0.13 0.00	33.13 -0.35 0.00	29.40 -0.16 0.00	26.66 0.09 0.00	25.19 0.12 0.00	25.20 0.00 0.00	27.22 -0.04 0.00	36.49 -0.19 0.00	38.28 0.10 0.00	43.34 0.02 0.00	38.77 -0.12 0.00	38.53 -0.24 0.00	37.62 -0.24 0.00	33.96 0.04 0.00
BARRETT_IC_1 23704	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_10 23701	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_11 23702	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_12 23703	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_2 23705	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_3 23706	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_4 23707	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00



BARRETT_IC_5 23708	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_6 23709	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_7 23710	26.53 0.90 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.46 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.81 1.08	35.04 0.98 1.00	36.82 0.88 0.52	34.38 0.91 0.01	30.55 0.99 0.00	27.63 1.05 0.00	26.25 1.19 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.76 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_8 23711	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT_IC_9 23700	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT___1 23545	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BARRETT___2 23546	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	29.45 0.63 0.09	34.24 0.81 0.69	38.09 0.79 0.06	36.67 0.86 1.22	34.01 0.80 1.08	35.05 0.98 1.00	36.81 0.88 0.52	34.38 0.91 0.01	30.56 1.00 0.00	27.63 1.05 0.00	26.25 1.18 0.00	26.40 1.19 0.00	28.32 1.07 0.01	36.77 1.24 1.15	26.81 1.20 12.57	24.38 1.08 20.01	31.24 0.95 8.60	39.68 1.00 0.10	38.79 0.93 0.00	34.51 0.59 0.00
BATAVIA__115KV_TB1 55881	25.19 -0.44 0.00	24.07 -0.41 0.00	27.24 -0.34 0.00	26.59 -0.40 0.00	28.54 -0.37 0.00	33.82 -0.30 0.00	36.78 -0.58 0.00	36.30 -0.36 0.37	34.05 -0.25 0.00	35.55 0.48 0.00	36.82 0.36 0.00	33.67 0.19 0.00	29.96 0.40 0.00	27.11 0.54 0.00	25.55 0.48 0.00	25.58 0.38 0.00	27.58 0.32 0.00	36.54 -0.14 0.00	38.31 0.13 0.00	43.70 0.39 0.00	39.17 0.27 0.00	39.09 0.31 0.00	38.01 0.15 0.00	34.27 0.34 0.00
BAYONEEC___CTG1 323682	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG10 323750	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG2 323683	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG3 323684	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG4 323685	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG5 323686	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG6 323687	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00



BAYONEEC___CTG7 323688	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG8 323689	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BAYONEEC___CTG9 323749	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.47 1.40 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.16 1.29 0.00	34.99 1.07 0.00
BEACON___LESR 323632	26.07 0.44 0.00	24.92 0.45 0.00	28.03 0.45 0.00	27.39 0.40 0.00	29.40 0.49 0.00	34.74 0.62 0.00	38.17 0.81 0.00	37.79 0.76 0.00	34.85 0.55 0.00	35.47 0.40 0.00	36.96 0.50 0.00	33.78 0.29 0.00	29.74 0.18 0.00	26.87 0.29 0.00	25.34 0.27 0.00	25.50 0.30 0.00	27.72 0.46 0.00	37.43 0.75 0.00	38.98 0.80 0.00	43.98 0.67 0.00	39.52 0.63 0.00	39.24 0.47 0.00	38.31 0.45 0.00	34.34 0.41 0.00
BEAVER RIVER___HYD 24048	25.78 0.15 0.00	24.46 -0.02 0.00	27.56 -0.02 0.00	27.06 0.07 0.00	29.17 0.25 0.00	34.44 0.32 0.00	38.10 0.74 0.00	37.71 0.67 0.00	34.79 0.50 0.00	35.12 0.05 0.00	36.24 -0.22 0.00	33.85 0.37 0.00	30.06 0.50 0.00	26.76 0.19 0.00	25.19 0.12 0.00	25.35 0.15 0.00	27.44 0.18 0.00	37.35 0.68 0.00	39.62 1.43 0.00	44.78 1.47 0.00	40.20 1.30 0.00	40.50 1.72 0.00	39.67 1.80 0.00	35.51 1.59 0.00
BEEBEE_GT_13 23619	25.16 -0.47 0.00	24.02 -0.45 0.00	27.14 -0.43 0.00	26.53 -0.46 0.00	28.49 -0.42 0.00	33.72 -0.40 0.00	36.82 -0.54 0.00	36.60 -0.35 0.09	34.22 -0.08 0.00	35.47 0.40 0.00	36.86 0.40 0.00	33.66 0.18 0.00	29.86 0.30 0.00	26.96 0.38 0.00	25.41 0.34 0.00	25.46 0.25 0.00	27.45 0.19 0.00	36.62 -0.06 0.00	38.22 0.03 0.00	43.44 0.13 0.00	38.94 0.05 0.00	38.80 0.03 0.00	37.77 -0.09 0.00	33.93 0.01 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.88 1.24 -0.01	25.61 1.13 0.00	28.74 1.16 0.00	28.15 1.15 0.00	30.08 1.17 0.00	35.57 1.46 0.00	38.99 1.63 0.00	38.70 1.66 0.00	35.80 1.52 0.00	36.75 1.68 0.00	38.11 1.66 0.00	35.13 1.64 0.00	31.08 1.52 0.00	28.16 1.58 0.00	26.70 1.64 0.00	26.88 1.68 0.00	28.91 1.65 0.00	38.78 2.10 0.00	40.41 2.23 0.00	45.55 2.23 0.00	40.91 2.01 0.00	40.72 1.95 0.00	39.56 1.70 0.00	35.34 1.42 0.00
BETHLEHEM___GRP 23843	25.70 0.07 0.00	24.54 0.07 0.00	27.60 0.03 0.00	27.02 0.03 0.00	28.95 0.03 0.00	34.18 0.06 0.00	37.52 0.16 0.00	37.10 0.06 0.00	34.23 -0.06 0.00	34.84 -0.23 0.00	36.25 -0.21 0.00	33.31 -0.17 0.00	29.32 -0.24 0.00	26.49 -0.09 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.24 -0.03 0.00	36.74 0.06 0.00	38.26 0.07 0.00	43.18 -0.13 0.00	38.82 -0.08 0.00	38.61 -0.16 0.00	37.69 -0.18 0.00	33.84 -0.08 0.00
BETHLEHEM___GS1 323560	25.70 0.07 0.00	24.54 0.07 0.00	27.60 0.03 0.00	27.02 0.03 0.00	28.95 0.03 0.00	34.17 0.06 0.00	37.52 0.16 0.00	37.10 0.06 0.00	34.23 -0.06 0.00	34.84 -0.23 0.00	36.25 -0.21 0.00	33.31 -0.17 0.00	29.33 -0.23 0.00	26.49 -0.09 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.24 -0.03 0.00	36.74 0.06 0.00	38.27 0.08 0.00	43.19 -0.12 0.00	38.82 -0.08 0.00	38.61 -0.16 0.00	37.69 -0.17 0.00	33.84 -0.08 0.00
BETHLEHEM___GS2 323561	25.70 0.07 0.00	24.54 0.07 0.00	27.60 0.03 0.00	27.02 0.03 0.00	28.95 0.03 0.00	34.17 0.06 0.00	37.52 0.16 0.00	37.10 0.06 0.00	34.23 -0.06 0.00	34.84 -0.23 0.00	36.25 -0.21 0.00	33.31 -0.17 0.00	29.33 -0.23 0.00	26.49 -0.09 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.24 -0.03 0.00	36.74 0.06 0.00	38.27 0.08 0.00	43.19 -0.12 0.00	38.82 -0.08 0.00	38.61 -0.16 0.00	37.69 -0.17 0.00	33.84 -0.08 0.00
BETHLEHEM___GS3 323562	25.70 0.07 0.00	24.54 0.07 0.00	27.60 0.03 0.00	27.02 0.03 0.00	28.95 0.03 0.00	34.17 0.06 0.00	37.52 0.16 0.00	37.10 0.06 0.00	34.23 -0.06 0.00	34.84 -0.23 0.00	36.25 -0.21 0.00	33.31 -0.17 0.00	29.33 -0.23 0.00	26.49 -0.09 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.24 -0.03 0.00	36.74 0.06 0.00	38.27 0.08 0.00	43.19 -0.12 0.00	38.82 -0.08 0.00	38.61 -0.16 0.00	37.69 -0.17 0.00	33.84 -0.08 0.00
BETHLEHEM___STEEL 23779	24.68 -0.95 0.00	23.63 -0.84 0.00	26.85 -0.73 0.00	26.15 -0.84 0.00	28.08 -0.84 0.00	33.22 -0.89 0.00	36.20 -1.16 0.00	35.73 -0.94 0.36	33.35 -0.94 0.00	35.16 0.09 0.00	36.55 0.09 0.00	33.28 -0.20 0.00	29.72 0.15 0.00	26.94 0.36 0.00	25.37 0.30 0.00	25.38 0.18 0.00	27.32 0.06 0.00	36.19 -0.49 0.00	37.76 -0.42 0.00	42.94 -0.37 0.00	38.56 -0.34 0.00	38.51 -0.26 0.00	37.55 -0.31 0.00	33.84 -0.08 0.00
BETHLHEM_115KV_TB1 79974	25.77 0.14 0.00	24.61 0.13 0.00	27.68 0.10 0.00	27.10 0.11 0.00	29.04 0.12 0.00	34.26 0.14 0.00	37.61 0.25 0.00	37.18 0.14 0.00	34.32 0.03 0.00	34.95 -0.12 0.00	36.34 -0.12 0.00	33.38 -0.10 0.00	29.41 -0.15 0.00	26.56 -0.01 0.00	25.07 0.00 0.00	25.23 0.03 0.00	27.32 0.06 0.00	36.84 0.16 0.00	38.36 0.18 0.00	43.30 -0.01 0.00	38.93 0.04 0.00	38.72 -0.05 0.00	37.80 -0.07 0.00	33.92 0.00 0.00
BETHPAGE_CC_5 323564	26.68 1.05 0.00	25.45 0.97 0.00	28.48 0.90 0.00	27.82 0.83 0.00	28.14 0.63 1.39	24.08 0.72 10.76	37.17 0.86 1.05	19.14 0.84 18.74	18.41 0.72 16.60	20.56 0.85 15.36	29.23 0.78 8.00	34.24 0.94 0.18	30.65 1.10 0.01	27.70 1.12 0.00	26.35 1.29 0.00	26.44 1.24 0.00	28.14 1.06 0.18	33.31 1.16 4.53	29.77 1.32 9.73	29.03 1.21 15.49	32.83 1.06 7.12	38.15 0.88 1.51	38.66 0.80 0.00	34.42 0.50 0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.76 -0.87 0.00	23.72 -0.76 0.00	26.93 -0.64 0.00	26.24 -0.75 0.00	28.18 -0.74 0.00	33.33 -0.79 0.00	36.34 -1.02 0.00	35.91 -0.79 0.33	33.49 -0.81 0.00	35.30 0.23 0.00	36.68 0.23 0.00	33.40 -0.08 0.00	29.82 0.26 0.00	27.03 0.46 0.00	25.45 0.39 0.00	25.47 0.27 0.00	27.42 0.16 0.00	36.33 -0.35 0.00	37.92 -0.26 0.00	43.11 -0.20 0.00	38.71 -0.18 0.00	38.66 -0.11 0.00	37.70 -0.17 0.00	33.96 0.04 0.00



BINGHAMTON___COGEN 23790	25.61 -0.02 0.00	24.48 0.00 0.00	27.75 0.16 0.00	27.09 0.10 0.00	29.01 0.10 0.00	34.25 0.14 0.00	37.48 0.12 0.00	37.37 0.25 -0.08	34.52 0.22 0.00	35.57 0.50 0.00	36.74 0.28 0.00	33.60 0.12 0.00	29.77 0.21 0.00	26.86 0.29 0.00	25.36 0.29 0.00	25.52 0.32 0.00	27.58 0.32 0.00	37.06 0.39 0.00	38.71 0.53 0.00	43.80 0.49 0.00	39.34 0.44 0.00	39.14 0.37 0.00	38.17 0.30 0.00	34.14 0.22 0.00
BIXINCNT_115KV_LOAD 355685	24.87 -0.76 0.00	23.95 -0.53 0.00	27.32 -0.26 0.00	26.60 -0.39 0.00	28.54 -0.37 0.00	33.64 -0.47 0.00	36.85 -0.51 0.00	36.61 -0.22 0.20	34.03 -0.26 0.00	35.85 0.78 0.00	37.15 0.69 0.00	33.73 0.25 0.00	30.08 0.51 0.00	27.24 0.67 0.00	25.68 0.61 0.00	25.64 0.44 0.00	27.57 0.31 0.00	36.76 0.09 0.00	38.55 0.37 0.00	43.74 0.43 0.00	39.25 0.35 0.00	39.17 0.39 0.00	38.23 0.36 0.00	34.41 0.49 0.00
BLACK RIVER___HYD 24047	25.72 0.09 0.00	24.41 -0.06 0.00	27.50 -0.08 0.00	27.03 0.04 0.00	29.13 0.21 0.00	34.45 0.34 0.00	38.18 0.82 0.00	37.93 0.89 0.00	34.92 0.63 0.00	35.14 0.07 0.00	36.27 -0.18 0.00	33.88 0.39 0.00	29.97 0.41 0.00	26.74 0.17 0.00	25.19 0.12 0.00	25.34 0.14 0.00	27.26 0.00 0.00	37.35 0.68 0.00	39.78 1.59 0.00	44.98 1.67 0.00	40.26 1.36 0.00	40.42 1.65 0.00	39.54 1.67 0.00	35.37 1.45 0.00
BLACKRVR_115KV_TB2 79977	25.72 0.09 0.00	24.41 -0.06 0.00	27.50 -0.08 0.00	27.03 0.04 0.00	29.13 0.21 0.00	34.45 0.34 0.00	38.18 0.82 0.00	37.93 0.89 0.00	34.92 0.63 0.00	35.14 0.07 0.00	36.28 -0.18 0.00	33.88 0.39 0.00	29.97 0.41 0.00	26.74 0.17 0.00	25.19 0.12 0.00	25.34 0.14 0.00	27.26 0.00 0.00	37.36 0.68 0.00	39.78 1.59 0.00	44.98 1.67 0.00	40.26 1.36 0.00	40.42 1.65 0.00	39.54 1.67 0.00	35.37 1.45 0.00
BLISS_WT_PWR 323608	24.81 -0.82 0.00	23.91 -0.57 0.00	27.30 -0.28 0.00	26.57 -0.42 0.00	28.51 -0.41 0.00	33.57 -0.55 0.00	36.80 -0.56 0.00	36.59 -0.25 0.20	33.99 -0.30 0.00	35.81 0.74 0.00	37.15 0.69 0.00	33.72 0.24 0.00	30.01 0.45 0.00	27.20 0.63 0.00	25.67 0.60 0.00	25.60 0.40 0.00	27.51 0.25 0.00	36.70 0.02 0.00	38.55 0.36 0.00	43.71 0.40 0.00	39.23 0.33 0.00	39.15 0.38 0.00	38.22 0.36 0.00	34.42 0.50 0.00
BLUESTONE___WT_PWR 323821	26.38 0.75 0.00	24.70 0.22 0.00	28.62 1.04 0.00	27.62 0.63 0.00	29.71 0.79 0.00	35.52 1.40 0.00	38.40 1.04 0.00	38.08 0.95 -0.09	35.11 0.82 0.00	36.06 1.00 0.00	37.10 0.64 0.00	33.62 0.14 0.00	29.54 -0.03 0.00	26.64 0.06 0.00	25.27 0.20 0.00	25.42 0.21 0.00	27.78 0.52 0.00	37.76 1.08 0.00	39.57 1.39 0.00	45.44 2.13 0.00	40.55 1.66 0.00	40.65 1.87 0.00	39.81 1.94 0.00	35.64 1.72 0.00
BLUE_CIRC_CHEM_DRP 24182	26.11 0.48 0.00	24.96 0.49 0.00	28.10 0.53 0.00	27.51 0.52 0.00	29.47 0.56 0.00	34.77 0.65 0.00	38.13 0.77 0.00	37.69 0.65 0.00	34.75 0.46 0.00	35.28 0.21 0.00	36.73 0.27 0.00	33.67 0.19 0.00	29.61 0.04 0.00	26.71 0.13 0.00	25.19 0.12 0.00	25.33 0.13 0.00	27.51 0.25 0.00	37.24 0.57 0.00	38.83 0.65 0.00	43.86 0.54 0.00	39.43 0.53 0.00	39.22 0.44 0.00	38.30 0.44 0.00	34.37 0.45 0.00
BOC_GAS_DRP 24189	25.91 0.27 0.00	24.75 0.28 0.00	27.87 0.29 0.00	27.28 0.29 0.00	29.21 0.30 0.00	34.44 0.32 0.00	37.76 0.40 0.00	37.37 0.33 0.00	34.51 0.22 0.00	35.20 0.13 0.00	36.59 0.14 0.00	33.63 0.14 0.00	29.65 0.08 0.00	26.77 0.20 0.00	25.29 0.22 0.00	25.44 0.24 0.00	27.51 0.25 0.00	37.04 0.36 0.00	38.57 0.39 0.00	43.56 0.25 0.00	39.16 0.27 0.00	38.97 0.19 0.00	38.05 0.18 0.00	34.11 0.19 0.00
BOONVILLE_115KV_TB1 79983	26.01 0.38 0.00	24.77 0.29 0.00	27.92 0.35 0.00	27.34 0.35 0.00	29.39 0.48 0.00	34.78 0.66 0.00	38.35 0.99 0.00	38.05 1.02 0.00	35.16 0.87 0.00	35.75 0.68 0.00	37.00 0.55 0.00	34.17 0.69 0.00	30.20 0.64 0.00	27.00 0.43 0.00	25.48 0.42 0.00	25.62 0.42 0.00	27.76 0.50 0.00	37.63 0.96 0.00	39.61 1.42 0.00	44.80 1.48 0.00	40.17 1.27 0.00	40.13 1.35 0.00	39.21 1.35 0.00	35.08 1.16 0.00
BORALEX_4TH_BRANCH 23824	26.82 1.19 0.00	25.62 1.15 0.00	28.79 1.21 0.00	28.19 1.19 0.00	30.24 1.32 0.00	35.63 1.52 0.00	38.80 1.44 0.00	38.29 1.25 0.00	35.30 1.01 0.00	35.88 0.81 0.00	37.41 0.96 0.00	34.47 0.99 0.00	30.25 0.69 0.00	27.33 0.76 0.00	25.75 0.68 0.00	25.79 0.59 0.00	28.00 0.73 0.00	37.54 0.87 0.00	38.99 0.80 0.00	43.97 0.66 0.00	39.61 0.72 0.00	39.66 0.89 0.00	38.97 1.11 0.00	34.99 1.07 0.00
BOWLINE___1 23526	26.21 0.58 0.00	25.00 0.52 0.00	28.12 0.54 0.00	27.54 0.55 0.00	29.49 0.57 0.00	34.86 0.74 0.00	38.22 0.86 0.00	37.86 0.83 0.00	34.94 0.65 0.00	35.81 0.74 0.00	37.03 0.57 0.00	34.04 0.56 0.00	30.19 0.62 0.00	27.32 0.75 0.00	25.89 0.82 0.00	26.05 0.85 0.00	28.03 0.77 0.00	37.68 1.00 0.00	39.33 1.14 0.00	44.33 1.02 0.00	39.79 0.90 0.00	39.58 0.81 0.00	38.50 0.63 0.00	34.42 0.50 0.00
BOWLINE___2 23595	26.21 0.58 0.00	25.00 0.52 0.00	28.12 0.54 0.00	27.54 0.55 0.00	29.49 0.57 0.00	34.86 0.74 0.00	38.22 0.86 0.00	37.83 0.80 0.00	34.89 0.60 0.00	35.77 0.70 0.00	36.98 0.52 0.00	34.01 0.53 0.00	30.16 0.60 0.00	27.31 0.73 0.00	25.88 0.81 0.00	26.03 0.83 0.00	28.00 0.74 0.00	37.63 0.96 0.00	39.27 1.09 0.00	44.29 0.98 0.00	39.75 0.85 0.00	39.53 0.76 0.00	38.45 0.58 0.00	34.39 0.47 0.00
BRADY___115KV_TB2 356060	26.93 1.30 0.00	25.52 1.05 0.00	28.67 1.09 0.00	28.18 1.19 0.00	30.45 1.53 0.00	35.63 1.51 0.00	39.28 1.92 0.00	38.32 1.28 0.00	35.08 0.79 0.00	35.10 0.03 0.00	36.12 -0.33 0.00	34.44 0.96 0.00	31.20 1.64 0.00	27.39 0.81 0.00	25.52 0.45 0.00	25.73 0.53 0.00	28.14 0.88 0.00	37.35 0.67 0.00	40.43 2.24 0.00	46.13 2.82 0.00	42.03 3.14 0.00	43.02 4.25 0.00	41.90 4.04 0.00	37.36 3.43 0.00
BRANSCOMB___SOLAR 323811	26.62 0.99 0.00	25.43 0.95 0.00	28.61 1.03 0.00	27.98 0.99 0.00	30.02 1.11 0.00	35.46 1.35 0.00	38.94 1.58 0.00	38.60 1.56 0.00	35.55 1.26 0.00	36.00 0.93 0.00	37.54 1.08 0.00	34.47 0.99 0.00	30.21 0.65 0.00	27.24 0.67 0.00	25.65 0.58 0.00	25.82 0.62 0.00	28.11 0.85 0.00	38.13 1.45 0.00	39.79 1.60 0.00	44.95 1.64 0.00	40.41 1.51 0.00	40.18 1.41 0.00	39.18 1.32 0.00	35.09 1.17 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.86 1.23 0.00	25.63 1.15 0.00	28.66 1.09 0.00	27.96 0.97 0.00	28.01 0.77 1.67	22.11 0.98 12.99	37.23 1.17 1.30	15.83 1.27 22.48	15.45 1.06 19.90	17.79 1.14 18.42	28.00 1.14 9.60	34.40 1.13 0.22	30.85 1.30 0.01	27.89 1.32 0.00	26.59 1.52 0.00	26.65 1.44 0.00	28.39 1.35 0.22	32.88 1.60 5.40	28.85 1.85 11.18	27.37 1.86 17.80	32.27 1.57 8.20	38.19 1.22 1.81	38.82 0.96 0.00	34.56 0.64 0.01



BRISTLHL_115KV_TB1 79998	25.09 -0.54 0.00	23.96 -0.52 0.00	27.03 -0.54 0.00	26.45 -0.54 0.00	28.34 -0.57 0.00	33.50 -0.62 0.00	36.75 -0.61 0.00	36.52 -0.52 0.00	33.82 -0.47 0.00	34.65 -0.42 0.00	35.93 -0.53 0.00	32.95 -0.53 0.00	29.08 -0.48 0.00	26.22 -0.36 0.00	24.74 -0.33 0.00	24.92 -0.29 0.00	26.94 -0.32 0.00	36.23 -0.44 0.00	37.79 -0.40 0.00	42.83 -0.48 0.00	38.44 -0.46 0.00	38.26 -0.51 0.00	37.28 -0.59 0.00	33.37 -0.55 0.00
BROOKHAVEN___DRP 24191	26.66 1.03 0.00	25.44 0.97 0.00	28.40 0.82 0.00	27.73 0.74 0.00	27.73 0.53 1.72	21.50 0.72 13.34	36.86 0.83 1.34	14.91 0.95 23.08	14.63 0.78 20.44	17.00 0.84 18.91	27.34 0.74 9.86	34.07 0.81 0.22	30.56 1.01 0.01	27.64 1.07 0.00	26.38 1.31 0.00	26.45 1.25 0.00	28.22 1.18 0.22	32.56 1.42 5.54	28.49 1.73 11.42	26.84 1.70 18.17	31.90 1.38 8.38	37.94 1.02 1.86	38.67 0.80 0.00	34.41 0.50 0.01
BROOKLYN_NAVY_YARD 23515	26.64 1.01 0.00	25.40 0.93 0.00	28.52 0.94 0.00	27.94 0.95 0.00	29.88 0.96 0.00	35.31 1.19 0.00	38.70 1.35 0.00	38.39 1.36 0.00	35.48 1.18 0.00	36.38 1.31 0.00	37.69 1.23 0.00	34.70 1.21 0.00	30.77 1.21 0.00	27.88 1.31 0.00	26.45 1.38 0.00	26.64 1.44 0.00	28.65 1.39 0.00	38.40 1.73 0.00	40.00 1.82 0.00	45.07 1.76 0.00	40.44 1.55 0.00	40.21 1.44 0.00	39.11 1.24 0.00	34.95 1.03 0.00
BROOKLYN___ARMY_DRP 323595	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
BROOKVLE_69_KV_TB1 55790	26.77 1.14 0.00	25.54 1.06 0.00	28.62 1.04 0.00	27.97 0.98 0.00	29.03 0.89 0.77	29.39 1.11 5.84	38.13 1.30 0.53	28.08 1.36 10.32	26.35 1.20 9.14	27.93 1.31 8.46	33.30 1.25 4.41	34.68 1.29 0.10	30.90 1.34 0.00	27.95 1.37 0.00	26.58 1.51 0.00	26.71 1.51 0.00	28.58 1.42 0.10	35.90 1.74 2.52	34.30 1.84 5.72	36.01 1.81 9.11	36.32 1.59 4.17	39.36 1.41 0.83	39.09 1.23 0.00	34.80 0.89 0.00
BROOME_2_LFGE 323671	25.61 -0.02 0.00	24.48 0.00 0.00	27.75 0.16 0.00	27.09 0.10 0.00	29.01 0.10 0.00	34.25 0.14 0.00	37.48 0.12 0.00	37.38 0.26 -0.08	34.52 0.22 0.00	35.57 0.50 0.00	36.74 0.29 0.00	33.60 0.12 0.00	29.77 0.21 0.00	26.86 0.29 0.00	25.37 0.30 0.00	25.52 0.32 0.00	27.58 0.32 0.00	37.06 0.39 0.00	38.71 0.52 0.00	43.80 0.49 0.00	39.33 0.44 0.00	39.14 0.37 0.00	38.16 0.30 0.00	34.14 0.22 0.00
BROOME___LFGE 323600	25.61 -0.02 0.00	24.48 0.00 0.00	27.75 0.16 0.00	27.09 0.10 0.00	29.01 0.10 0.00	34.25 0.14 0.00	37.48 0.12 0.00	37.38 0.26 -0.08	34.52 0.22 0.00	35.57 0.50 0.00	36.74 0.29 0.00	33.60 0.12 0.00	29.77 0.21 0.00	26.86 0.29 0.00	25.37 0.30 0.00	25.52 0.32 0.00	27.58 0.32 0.00	37.06 0.39 0.00	38.71 0.52 0.00	43.80 0.49 0.00	39.33 0.44 0.00	39.14 0.37 0.00	38.16 0.30 0.00	34.14 0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	25.87 0.24 0.00	24.52 0.05 0.00	27.61 0.03 0.00	27.10 0.11 0.00	29.23 0.31 0.00	34.33 0.21 0.00	37.83 0.47 0.00	37.14 0.10 0.00	34.29 0.00 0.00	34.77 -0.30 0.00	35.95 -0.51 0.00	33.70 0.22 0.00	30.19 0.62 0.00	26.73 0.15 0.00	25.07 0.00 0.00	25.24 0.04 0.00	27.41 0.15 0.00	36.90 0.23 0.00	39.17 0.99 0.00	44.39 1.08 0.00	40.16 1.27 0.00	40.82 2.05 0.00	39.96 2.09 0.00	35.73 1.81 0.00
BROWNSV1_27_KV_LOAD 356125	26.82 1.19 0.00	25.58 1.10 0.00	28.70 1.12 0.00	28.11 1.12 0.00	30.06 1.14 0.00	35.54 1.42 0.00	39.00 1.64 0.00	38.73 1.69 0.00	35.79 1.50 0.00	36.71 1.65 0.00	38.10 1.64 0.00	35.10 1.62 0.00	31.10 1.54 0.00	28.18 1.61 0.00	26.73 1.66 0.00	26.90 1.70 0.00	28.94 1.69 0.00	38.81 2.13 0.00	40.43 2.25 0.00	45.57 2.26 0.00	40.90 2.01 0.00	40.66 1.88 0.00	39.53 1.66 0.00	35.31 1.39 0.00
BURROWS___LYONSDAL 23803	25.92 0.30 0.00	24.66 0.18 0.00	27.81 0.23 0.00	27.25 0.26 0.00	29.32 0.40 0.00	34.67 0.55 0.00	38.28 0.92 0.00	37.97 0.93 0.00	35.07 0.78 0.00	35.61 0.54 0.00	36.82 0.36 0.00	34.09 0.61 0.00	30.17 0.60 0.00	26.94 0.37 0.00	25.42 0.35 0.00	25.55 0.35 0.00	27.69 0.43 0.00	37.60 0.92 0.00	39.63 1.45 0.00	44.80 1.48 0.00	40.16 1.27 0.00	40.18 1.41 0.00	39.32 1.45 0.00	35.19 1.26 0.00
CAITHNESS_CC_1 323624	26.62 0.99 0.00	25.41 0.94 0.00	28.36 0.79 0.00	27.69 0.70 0.00	27.69 0.49 1.72	21.43 0.66 13.35	36.79 0.77 1.34	14.82 0.88 23.09	14.57 0.73 20.45	16.94 0.80 18.93	27.30 0.70 9.87	34.02 0.76 0.22	30.55 1.00 0.01	27.61 1.04 0.00	26.33 1.27 0.00	26.40 1.20 0.00	28.15 1.12 0.22	32.45 1.32 5.54	28.35 1.59 11.42	26.68 1.56 18.19	31.77 1.26 8.38	37.82 0.90 1.86	38.56 0.69 0.00	34.33 0.42 0.01
CALPINE BETH_PAGE_GT4 24209	26.71 1.08 0.00	25.48 1.00 0.00	28.52 0.94 0.00	27.85 0.86 0.00	28.33 0.68 1.26	25.21 0.79 9.70	37.40 0.96 0.93	20.97 0.88 16.95	20.02 0.74 15.01	22.05 0.87 13.89	30.04 0.82 7.24	34.34 1.02 0.16	30.69 1.14 0.01	27.76 1.18 0.00	26.41 1.35 0.00	26.51 1.31 0.00	28.18 1.09 0.16	33.76 1.20 4.11	30.50 1.33 9.02	30.19 1.23 14.35	33.40 1.09 6.58	38.36 0.95 1.36	38.77 0.91 0.00	34.51 0.60 0.01
CALPINE_BETH_PAGE_GT_4 323586	26.70 1.07 0.00	25.48 1.00 0.00	28.52 0.94 0.00	27.85 0.86 0.00	28.33 0.68 1.26	25.21 0.79 9.70	37.40 0.97 0.93	20.97 0.88 16.95	20.03 0.75 15.01	22.05 0.87 13.89	30.02 0.81 7.24	34.33 1.01 0.16	30.71 1.16 0.01	27.76 1.18 0.00	26.41 1.34 0.00	26.51 1.30 0.00	28.18 1.09 0.16	33.76 1.20 4.11	30.50 1.33 9.02	30.19 1.23 14.35	33.40 1.09 6.58	38.35 0.94 1.36	38.77 0.91 0.00	34.51 0.60 0.01
CALPINE_BP_GT1 23823	26.70 1.07 0.00	25.48 1.00 0.00	28.52 0.94 0.00	27.85 0.86 0.00	28.33 0.68 1.26	25.21 0.79 9.70	37.40 0.97 0.93	20.97 0.88 16.95	20.03 0.75 15.01	22.05 0.87 13.89	30.02 0.81 7.24	34.33 1.01 0.16	30.71 1.16 0.01	27.76 1.18 0.00	26.41 1.34 0.00	26.51 1.30 0.00	28.18 1.09 0.16	33.76 1.20 4.11	30.50 1.33 9.02	30.19 1.23 14.35	33.40 1.09 6.58	38.35 0.94 1.36	38.77 0.91 0.00	34.51 0.60 0.01
CALSPAN___DRP 24200	24.68 -0.95 0.00	23.63 -0.84 0.00	26.85 -0.73 0.00	26.15 -0.84 0.00	28.08 -0.84 0.00	33.22 -0.89 0.00	36.20 -1.16 0.00	35.73 -0.94 0.36	33.35 -0.94 0.00	35.16 0.09 0.00	36.55 0.09 0.00	33.28 -0.20 0.00	29.72 0.15 0.00	26.94 0.36 0.00	25.37 0.30 0.00	25.38 0.18 0.00	27.32 0.06 0.00	36.19 -0.49 0.00	37.76 -0.42 0.00	42.94 -0.37 0.00	38.56 -0.34 0.00	38.51 -0.26 0.00	37.55 -0.31 0.00	33.84 -0.08 0.00



CALVERTON___SOLAR 323806	26.68 1.05 0.00	25.46 0.99 0.00	28.42 0.84 0.00	27.74 0.75 0.00	27.76 0.55 1.72	21.53 0.76 13.34	36.90 0.88 1.34	14.97 1.00 23.07	14.67 0.81 20.43	17.03 0.87 18.90	27.35 0.75 9.86	34.09 0.83 0.22	30.61 1.06 0.01	27.67 1.10 0.00	26.41 1.34 0.00	26.49 1.29 0.00	28.28 1.25 0.22	32.69 1.55 5.54	28.64 1.88 11.41	27.01 1.87 18.17	32.03 1.52 8.38	38.05 1.13 1.85	38.78 0.91 0.00	34.51 0.60 0.01
CANDIGU_WT_PWR 323617	24.74 -0.89 0.00	23.69 -0.79 0.00	27.07 -0.51 0.00	26.38 -0.61 0.00	28.18 -0.73 0.00	33.27 -0.85 0.00	36.13 -1.23 0.00	31.82 -0.93 4.29	33.78 -0.52 0.00	35.20 0.13 0.00	36.33 -0.13 0.00	33.13 -0.35 0.00	29.40 -0.16 0.00	26.66 0.09 0.00	25.19 0.12 0.00	25.20 0.00 0.00	27.22 -0.04 0.00	36.49 -0.19 0.00	38.28 0.10 0.00	43.34 0.02 0.00	38.77 -0.12 0.00	38.53 -0.24 0.00	37.62 -0.24 0.00	33.96 0.04 0.00
CARR STREET_E_SYR 24060	25.25 -0.38 0.00	24.12 -0.36 0.00	27.22 -0.36 0.00	26.62 -0.37 0.00	28.53 -0.39 0.00	33.72 -0.39 0.00	36.98 -0.38 0.00	36.75 -0.28 0.00	34.07 -0.22 0.00	34.94 -0.13 0.00	36.23 -0.22 0.00	33.21 -0.27 0.00	29.34 -0.23 0.00	26.43 -0.14 0.00	24.96 -0.11 0.00	25.11 -0.09 0.00	27.14 -0.11 0.00	36.47 -0.20 0.00	38.06 -0.12 0.00	43.13 -0.18 0.00	38.70 -0.20 0.00	38.53 -0.25 0.00	37.54 -0.32 0.00	33.60 -0.32 0.00
CARTHAGE___PAPER 23857	25.92 0.29 0.00	24.59 0.11 0.00	27.71 0.13 0.00	27.21 0.22 0.00	29.34 0.42 0.00	34.66 0.55 0.00	38.40 1.05 0.00	38.07 1.04 0.00	35.07 0.77 0.00	35.29 0.22 0.00	36.38 -0.08 0.00	34.01 0.53 0.00	30.18 0.61 0.00	26.88 0.31 0.00	25.28 0.21 0.00	25.44 0.24 0.00	27.51 0.25 0.00	37.58 0.91 0.00	39.96 1.78 0.00	45.17 1.86 0.00	40.50 1.61 0.00	40.74 1.96 0.00	39.87 2.01 0.00	35.67 1.76 0.00
CASSADAGA_WT_PWR 323784	24.94 -0.69 0.00	23.95 -0.53 0.00	27.40 -0.18 0.00	26.57 -0.42 0.00	28.55 -0.36 0.00	33.85 -0.27 0.00	37.00 -0.36 0.00	36.88 0.06 0.21	34.50 0.20 0.00	36.31 1.24 0.00	37.37 0.92 0.00	34.07 0.59 0.00	30.47 0.91 0.00	27.62 1.04 0.00	26.07 1.00 0.00	25.96 0.76 0.00	28.02 0.76 0.00	37.48 0.80 0.00	39.26 1.08 0.00	44.52 1.21 0.00	39.96 1.07 0.00	39.84 1.06 0.00	38.65 0.78 0.00	34.61 0.69 0.00
CE_DUNWOOD___DRP 24194	26.51 0.88 0.00	25.29 0.81 0.00	28.40 0.82 0.00	27.81 0.81 0.00	29.74 0.83 0.00	35.16 1.04 0.00	38.55 1.19 0.00	38.27 1.23 0.00	35.34 1.05 0.00	36.22 1.15 0.00	37.53 1.07 0.00	34.53 1.05 0.00	30.57 1.01 0.00	27.68 1.11 0.00	26.25 1.18 0.00	26.42 1.22 0.00	28.44 1.18 0.00	38.17 1.50 0.00	39.78 1.60 0.00	44.84 1.53 0.00	40.24 1.35 0.00	40.00 1.23 0.00	38.94 1.07 0.00	34.80 0.88 0.00
CE_MILLWOOD___DRP 24193	26.46 0.83 0.00	25.24 0.77 0.00	28.36 0.78 0.00	27.77 0.78 0.00	29.70 0.79 0.00	35.10 0.99 0.00	38.50 1.14 0.00	38.20 1.17 0.00	35.29 1.00 0.00	36.14 1.07 0.00	37.45 0.99 0.00	34.46 0.98 0.00	30.51 0.95 0.00	27.62 1.04 0.00	26.19 1.12 0.00	26.35 1.15 0.00	28.37 1.11 0.00	38.09 1.42 0.00	39.71 1.52 0.00	44.75 1.45 0.00	40.17 1.27 0.00	39.94 1.16 0.00	38.87 1.00 0.00	34.74 0.81 0.00
CE_NYC2_DRP 24202	26.77 1.14 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.46 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.58 1.51 0.00	37.93 1.48 0.00	34.94 1.45 0.00	30.94 1.37 0.00	28.03 1.46 0.00	26.59 1.53 0.00	26.76 1.56 0.00	28.77 1.51 0.00	38.57 1.90 0.00	40.19 2.00 0.00	45.27 1.96 0.00	40.63 1.74 0.00	40.41 1.64 0.00	39.32 1.45 0.00	35.15 1.23 0.00
CE_NYC_DRP 24195	26.69 1.06 0.00	25.45 0.97 0.00	28.56 0.98 0.00	27.98 0.99 0.00	29.92 1.01 0.00	35.37 1.25 0.00	38.79 1.43 0.00	38.51 1.48 0.00	35.59 1.30 0.00	36.52 1.45 0.00	37.84 1.38 0.00	34.85 1.37 0.00	30.88 1.32 0.00	27.97 1.40 0.00	26.54 1.47 0.00	26.71 1.51 0.00	28.74 1.48 0.00	38.53 1.85 0.00	40.13 1.95 0.00	45.20 1.89 0.00	40.56 1.66 0.00	40.32 1.54 0.00	39.22 1.35 0.00	35.04 1.12 0.00
CHAFFEE___LFGE 323603	24.83 -0.80 0.00	23.77 -0.71 0.00	26.99 -0.59 0.00	26.30 -0.69 0.00	28.24 -0.68 0.00	33.42 -0.70 0.00	36.46 -0.90 0.00	36.07 -0.69 0.28	33.58 -0.71 0.00	35.39 0.32 0.00	36.78 0.33 0.00	33.46 -0.02 0.00	29.87 0.31 0.00	27.10 0.52 0.00	25.54 0.47 0.00	25.53 0.33 0.00	27.51 0.24 0.00	36.44 -0.23 0.00	38.06 -0.12 0.00	43.25 -0.06 0.00	38.86 -0.03 0.00	38.81 0.04 0.00	37.80 -0.07 0.00	34.04 0.12 0.00
CHATEAUG_35_KV_LOAD 355732	25.64 0.01 0.00	24.38 -0.09 0.00	27.33 -0.25 0.00	26.74 -0.25 0.00	28.70 -0.21 0.00	33.70 -0.42 0.00	36.61 -0.75 0.00	36.25 -0.79 0.00	33.75 -0.54 0.00	34.69 -0.38 0.00	36.57 0.11 0.00	33.81 0.33 0.00	29.76 0.19 0.00	26.08 -0.49 0.00	24.35 -0.72 0.00	24.54 -0.66 0.00	26.73 -0.53 0.00	36.06 -0.61 0.00	37.65 -0.53 0.00	42.72 -0.60 0.00	38.38 -0.52 0.00	38.69 -0.08 0.00	38.24 0.37 0.00	34.37 0.45 0.00
CHATEAUG_WT_PWR 323614	25.32 -0.31 0.00	24.00 -0.47 0.00	26.85 -0.73 0.00	26.21 -0.78 0.00	28.19 -0.73 0.00	32.94 -1.18 0.00	35.61 -1.75 0.00	35.40 -1.64 0.00	33.00 -1.29 0.00	34.10 -0.97 0.00	36.29 -0.17 0.00	33.81 0.33 0.00	29.56 0.00 0.00	25.74 -0.83 0.00	23.87 -1.20 0.00	24.25 -0.95 0.00	26.54 -0.72 0.00	35.75 -0.93 0.00	37.26 -0.92 0.00	42.12 -1.19 0.00	37.83 -1.07 0.00	38.17 -0.60 0.00	38.15 0.29 0.00	34.43 0.51 0.00
CHAT_HIGH_FALL_HYD 323578	25.64 0.01 0.00	24.38 -0.09 0.00	27.33 -0.25 0.00	26.74 -0.25 0.00	28.70 -0.21 0.00	33.70 -0.42 0.00	36.61 -0.75 0.00	36.25 -0.79 0.00	33.75 -0.54 0.00	34.69 -0.38 0.00	36.57 0.11 0.00	33.81 0.33 0.00	29.76 0.19 0.00	26.08 -0.49 0.00	24.35 -0.72 0.00	24.54 -0.66 0.00	26.73 -0.53 0.00	36.06 -0.61 0.00	37.65 -0.53 0.00	42.72 -0.60 0.00	38.38 -0.52 0.00	38.69 -0.08 0.00	38.24 0.37 0.00	34.37 0.45 0.00
CHAUTAUQUA___LFGE 323629	24.83 -0.80 0.00	23.84 -0.64 0.00	27.22 -0.36 0.00	26.42 -0.57 0.00	28.39 -0.52 0.00	33.58 -0.53 0.00	36.66 -0.70 0.00	36.39 -0.36 0.28	33.99 -0.30 0.00	35.79 0.72 0.00	36.90 0.45 0.00	33.62 0.14 0.00	30.05 0.49 0.00	27.25 0.68 0.00	25.72 0.65 0.00	25.68 0.48 0.00	27.67 0.42 0.00	36.86 0.18 0.00	38.60 0.41 0.00	43.79 0.47 0.00	39.35 0.45 0.00	39.24 0.47 0.00	38.18 0.32 0.00	34.25 0.33 0.00
CHERRYST_13_KV_LD 356241	26.75 1.12 0.00	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.07 0.00	35.46 1.35 0.00	38.90 1.54 0.00	38.62 1.59 0.00	35.71 1.42 0.00	36.64 1.58 0.00	37.98 1.52 0.00	34.98 1.49 0.00	30.99 1.43 0.00	28.07 1.50 0.00	26.64 1.57 0.00	26.80 1.60 0.00	28.84 1.58 0.00	38.65 1.97 0.00	40.26 2.08 0.00	45.34 2.03 0.00	40.67 1.78 0.00	40.44 1.66 0.00	39.32 1.46 0.00	35.13 1.21 0.00



CHESTROR_138KV_BK263 355645	26.19 0.56 0.00	24.99 0.51 0.00	28.11 0.53 0.00	27.53 0.53 0.00	29.46 0.54 0.00	34.82 0.70 0.00	38.19 0.83 0.00	37.87 0.83 0.00	34.95 0.66 0.00	35.78 0.71 0.00	37.03 0.57 0.00	34.02 0.54 0.00	30.12 0.56 0.00	27.24 0.67 0.00	25.82 0.75 0.00	25.98 0.78 0.00	27.99 0.73 0.00	37.67 0.99 0.00	39.32 1.14 0.00	44.36 1.05 0.00	39.82 0.92 0.00	39.60 0.83 0.00	38.53 0.67 0.00	34.45 0.53 0.00
CH_MIDHUDSON___DRP 24192	26.46 0.83 0.00	25.26 0.78 0.00	28.38 0.80 0.00	27.79 0.79 0.00	29.73 0.81 0.00	35.14 1.02 0.00	38.55 1.19 0.00	38.26 1.22 0.00	35.33 1.04 0.00	36.10 1.03 0.00	37.40 0.95 0.00	34.41 0.93 0.00	30.42 0.85 0.00	27.54 0.96 0.00	26.11 1.04 0.00	26.29 1.09 0.00	28.34 1.08 0.00	38.11 1.44 0.00	39.72 1.54 0.00	44.80 1.49 0.00	40.22 1.32 0.00	39.98 1.20 0.00	38.91 1.04 0.00	34.78 0.86 0.00
CH_MISC_IPPS 23765	26.57 0.94 0.00	25.35 0.87 0.00	28.49 0.91 0.00	27.90 0.90 0.00	29.85 0.93 0.00	35.30 1.18 0.00	38.75 1.39 0.00	38.47 1.43 0.00	35.50 1.21 0.00	36.28 1.21 0.00	37.56 1.11 0.00	34.53 1.05 0.00	30.55 0.98 0.00	27.65 1.07 0.00	26.21 1.14 0.00	26.39 1.19 0.00	28.47 1.21 0.00	38.31 1.64 0.00	39.95 1.77 0.00	45.08 1.77 0.00	40.45 1.56 0.00	40.20 1.42 0.00	39.11 1.25 0.00	34.94 1.02 0.00
CH_RES_BVR_FALLS 23983	25.53 -0.10 0.00	24.35 -0.12 0.00	27.42 -0.16 0.00	26.81 -0.17 0.00	28.72 -0.19 0.00	33.88 -0.24 0.00	37.03 -0.33 0.00	36.72 -0.31 0.00	34.14 -0.16 0.00	34.88 -0.19 0.00	36.34 -0.12 0.00	33.48 0.00 0.00	29.57 0.01 0.00	26.33 -0.24 0.00	24.75 -0.32 0.00	24.86 -0.35 0.00	26.97 -0.29 0.00	36.39 -0.29 0.00	37.93 -0.25 0.00	43.04 -0.27 0.00	38.58 -0.32 0.00	38.58 -0.19 0.00	37.88 0.01 0.00	33.96 0.04 0.00
CH_RES_NIAGARA 23895	23.95 -1.68 0.00	22.93 -1.54 0.00	25.97 -1.61 0.00	25.35 -1.64 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.15 -2.43 0.45	32.05 -2.24 0.00	33.91 -1.16 0.00	35.41 -1.05 0.00	32.29 -1.19 0.00	28.84 -0.72 0.00	26.15 -0.42 0.00	24.61 -0.46 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.88 -1.79 0.00	36.30 -1.88 0.00	41.37 -1.94 0.00	37.13 -1.77 0.00	37.18 -1.59 0.00	36.30 -1.56 0.00	32.80 -1.12 0.00
CH_RES_SYRACUSE 23985	25.38 -0.25 0.00	24.23 -0.24 0.00	27.35 -0.23 0.00	26.75 -0.24 0.00	28.67 -0.25 0.00	33.88 -0.23 0.00	37.18 -0.18 0.00	36.96 -0.08 0.00	34.22 -0.08 0.00	35.08 0.01 0.00	36.36 -0.09 0.00	33.34 -0.14 0.00	29.45 -0.11 0.00	26.52 -0.06 0.00	25.06 -0.01 0.00	25.21 0.01 0.00	27.27 0.01 0.00	36.67 -0.01 0.00	38.26 0.07 0.00	43.33 0.02 0.00	38.89 -0.01 0.00	38.71 -0.06 0.00	37.72 -0.14 0.00	33.77 -0.15 0.00
CLINTON_WT_PWR 323605	25.32 -0.31 0.00	24.00 -0.47 0.00	26.85 -0.73 0.00	26.21 -0.78 0.00	28.19 -0.73 0.00	32.94 -1.18 0.00	35.61 -1.75 0.00	35.40 -1.64 0.00	33.00 -1.29 0.00	34.10 -0.97 0.00	36.29 -0.17 0.00	33.81 0.33 0.00	29.56 0.00 0.00	25.74 -0.83 0.00	23.87 -1.20 0.00	24.25 -0.95 0.00	26.54 -0.72 0.00	35.75 -0.93 0.00	37.26 -0.92 0.00	42.12 -1.19 0.00	37.83 -1.07 0.00	38.17 -0.60 0.00	38.15 0.29 0.00	34.43 0.51 0.00
CLINTON___LFGE 323618	25.72 0.09 0.00	24.44 -0.03 0.00	27.39 -0.19 0.00	26.75 -0.24 0.00	28.75 -0.17 0.00	33.67 -0.45 0.00	36.45 -0.91 0.00	36.24 -0.79 0.00	33.73 -0.56 0.00	34.74 -0.33 0.00	36.74 0.28 0.00	34.19 0.70 0.00	29.99 0.43 0.00	26.21 -0.36 0.00	24.38 -0.69 0.00	24.69 -0.51 0.00	26.94 -0.32 0.00	36.25 -0.43 0.00	37.86 -0.33 0.00	42.83 -0.48 0.00	38.47 -0.42 0.00	38.76 -0.01 0.00	38.57 0.71 0.00	34.72 0.80 0.00
COBBLENY_34_KV_TB1 80064	24.83 -0.80 0.00	23.77 -0.71 0.00	26.99 -0.59 0.00	26.30 -0.69 0.00	28.24 -0.68 0.00	33.42 -0.70 0.00	36.46 -0.90 0.00	36.07 -0.69 0.28	33.59 -0.70 0.00	35.41 0.34 0.00	36.78 0.32 0.00	33.46 -0.02 0.00	29.90 0.34 0.00	27.10 0.52 0.00	25.52 0.45 0.00	25.53 0.34 0.00	27.51 0.25 0.00	36.46 -0.22 0.00	38.07 -0.11 0.00	43.26 -0.05 0.00	38.86 -0.03 0.00	38.81 0.04 0.00	37.80 -0.06 0.00	34.04 0.12 0.00
COFFEEN___115KV_TB3 355620	25.88 0.25 0.00	24.57 0.08 0.00	27.67 0.09 0.00	27.19 0.20 0.00	29.31 0.39 0.00	34.68 0.56 0.00	38.45 1.09 0.00	38.22 1.18 0.00	35.15 0.86 0.00	35.28 0.21 0.00	36.45 -0.01 0.00	34.05 0.57 0.00	30.10 0.54 0.00	26.87 0.29 0.00	25.32 0.25 0.00	25.48 0.28 0.00	27.30 0.04 0.00	37.50 0.82 0.00	40.05 1.87 0.00	45.32 2.01 0.00	40.57 1.67 0.00	40.69 1.92 0.00	39.75 1.89 0.00	35.54 1.62 0.00
COLDSPRG_115KV_BK1 355956	25.47 -0.16 0.00	24.43 -0.05 0.00	27.86 0.28 0.00	27.12 0.12 0.00	29.13 0.21 0.00	34.48 0.36 0.00	37.72 0.36 0.00	37.69 0.75 0.10	34.99 0.70 0.00	36.87 1.79 0.00	38.01 1.56 0.00	34.54 1.06 0.00	30.90 1.34 0.00	28.05 1.47 0.00	26.38 1.32 0.00	26.34 1.14 0.00	28.39 1.13 0.00	37.92 1.24 0.00	39.67 1.49 0.00	44.97 1.66 0.00	40.36 1.47 0.00	40.20 1.43 0.00	39.05 1.19 0.00	34.99 1.07 0.00
COLONIE_LFGE___ 323577	26.30 0.67 0.00	25.12 0.64 0.00	28.26 0.68 0.00	27.66 0.67 0.00	29.65 0.73 0.00	34.99 0.87 0.00	38.35 0.99 0.00	37.96 0.92 0.00	35.01 0.72 0.00	35.60 0.53 0.00	37.07 0.62 0.00	34.07 0.59 0.00	29.96 0.40 0.00	27.04 0.46 0.00	25.49 0.42 0.00	25.63 0.43 0.00	27.81 0.55 0.00	37.52 0.84 0.00	39.08 0.90 0.00	44.12 0.81 0.00	39.68 0.78 0.00	39.51 0.74 0.00	38.59 0.72 0.00	34.61 0.69 0.00
COOPERNY_115KV_TB1 80082	26.01 0.38 0.00	24.83 0.35 0.00	27.96 0.38 0.00	27.37 0.38 0.00	29.31 0.39 0.00	34.61 0.50 0.00	37.94 0.58 0.00	37.62 0.58 0.00	34.74 0.45 0.00	35.59 0.52 0.00	36.85 0.39 0.00	33.86 0.38 0.00	29.96 0.40 0.00	27.07 0.49 0.00	25.62 0.55 0.00	25.77 0.57 0.00	27.79 0.53 0.00	37.37 0.69 0.00	39.00 0.81 0.00	44.05 0.74 0.00	39.55 0.65 0.00	39.35 0.58 0.00	38.32 0.46 0.00	34.28 0.36 0.00
COPENHAGEN_WT_PWR 323753	25.49 -0.14 0.00	24.20 -0.28 0.00	27.25 -0.32 0.00	26.82 -0.17 0.00	28.90 -0.02 0.00	34.17 0.06 0.00	37.86 0.50 0.00	37.64 0.61 0.00	34.70 0.41 0.00	34.98 -0.09 0.00	36.11 -0.34 0.00	33.70 0.22 0.00	29.79 0.23 0.00	26.59 0.01 0.00	25.04 -0.03 0.00	25.19 -0.01 0.00	27.13 -0.13 0.00	37.19 0.52 0.00	39.53 1.35 0.00	44.64 1.33 0.00	39.91 1.01 0.00	40.09 1.31 0.00	39.28 1.41 0.00	35.17 1.25 0.00
CORNELL_____ 23752	26.01 0.38 0.00	24.83 0.35 0.00	28.11 0.53 0.00	27.45 0.46 0.00	29.41 0.50 0.00	34.77 0.65 0.00	38.19 0.83 0.00	38.28 1.00 -0.24	35.22 0.93 0.00	36.12 1.05 0.00	37.21 0.76 0.00	34.07 0.59 0.00	30.07 0.51 0.00	27.04 0.47 0.00	25.61 0.54 0.00	25.83 0.63 0.00	28.01 0.75 0.00	37.75 1.08 0.00	39.58 1.40 0.00	44.84 1.53 0.00	40.22 1.32 0.00	39.96 1.19 0.00	38.93 1.07 0.00	34.77 0.85 0.00



CORONA_69_KV_TB1 355595	26.74 1.11 0.00	25.49 1.02 0.00	28.56 0.99 0.00	27.94 0.95 0.00	29.56 0.90 0.25	33.35 1.15 1.92	38.47 1.29 0.18	35.02 1.37 3.39	32.49 1.20 3.00	33.62 1.32 2.78	36.25 1.24 1.45	34.68 1.24 0.03	30.82 1.26 0.00	27.88 1.31 0.00	26.50 1.43 0.00	26.65 1.45 0.00	28.61 1.38 0.03	37.62 1.75 0.81	38.38 1.83 1.63	42.51 1.78 2.59	39.26 1.56 1.19	39.93 1.43 0.27	39.12 1.25 0.00	34.84 0.93 0.00
CORTLAND_115KV_TB3 80093	25.76 0.13 0.00	24.61 0.13 0.00	27.82 0.24 0.00	27.18 0.19 0.00	29.13 0.21 0.00	34.44 0.32 0.00	37.79 0.43 0.00	37.68 0.56 -0.08	34.81 0.52 0.00	35.70 0.63 0.00	36.89 0.44 0.00	33.79 0.31 0.00	29.84 0.28 0.00	26.86 0.29 0.00	25.39 0.32 0.00	25.57 0.36 0.00	27.67 0.41 0.00	37.26 0.59 0.00	39.01 0.82 0.00	44.16 0.85 0.00	39.64 0.75 0.00	39.43 0.66 0.00	38.43 0.56 0.00	34.35 0.43 0.00
COXSACKIE___GT 23611	26.95 1.32 0.00	25.72 1.25 0.00	28.94 1.36 0.00	28.33 1.34 0.00	30.40 1.49 0.00	35.96 1.85 0.00	39.66 2.30 0.00	39.34 2.31 0.00	36.23 1.94 0.00	36.54 1.47 0.00	37.59 1.13 0.00	34.37 0.89 0.00	30.05 0.49 0.00	27.12 0.55 0.00	25.50 0.43 0.00	25.69 0.48 0.00	28.07 0.82 0.00	38.45 1.77 0.00	40.60 2.42 0.00	45.88 2.57 0.00	41.14 2.24 0.00	40.82 2.05 0.00	39.74 1.88 0.00	35.59 1.67 0.00
CPV_VALLEY___CC1 323721	26.00 0.37 0.00	24.82 0.34 0.00	27.93 0.34 0.00	27.34 0.35 0.00	29.27 0.35 0.00	34.58 0.46 0.00	37.92 0.56 0.00	37.60 0.56 0.00	34.71 0.42 0.00	35.54 0.47 0.00	36.80 0.34 0.00	33.82 0.34 0.00	29.95 0.39 0.00	27.08 0.51 0.00	25.66 0.59 0.00	25.81 0.61 0.00	27.81 0.55 0.00	37.38 0.71 0.00	39.00 0.82 0.00	44.02 0.71 0.00	39.51 0.61 0.00	39.30 0.53 0.00	38.26 0.39 0.00	34.21 0.30 0.00
CPV_VALLEY___CC2 323722	26.00 0.37 0.00	24.82 0.34 0.00	27.93 0.34 0.00	27.34 0.35 0.00	29.27 0.35 0.00	34.58 0.46 0.00	37.92 0.56 0.00	37.60 0.56 0.00	34.71 0.42 0.00	35.54 0.47 0.00	36.80 0.34 0.00	33.82 0.34 0.00	29.95 0.39 0.00	27.08 0.51 0.00	25.66 0.59 0.00	25.81 0.61 0.00	27.81 0.55 0.00	37.38 0.71 0.00	39.00 0.82 0.00	44.02 0.71 0.00	39.51 0.61 0.00	39.30 0.53 0.00	38.26 0.39 0.00	34.21 0.30 0.00
CRESCENT___HYD 24018	26.30 0.67 0.00	25.12 0.64 0.00	28.26 0.68 0.00	27.66 0.67 0.00	29.65 0.73 0.00	34.99 0.87 0.00	38.35 0.99 0.00	37.96 0.92 0.00	35.01 0.72 0.00	35.60 0.53 0.00	37.07 0.62 0.00	34.07 0.59 0.00	29.96 0.40 0.00	27.04 0.46 0.00	25.49 0.42 0.00	25.63 0.43 0.00	27.81 0.55 0.00	37.52 0.84 0.00	39.08 0.90 0.00	44.12 0.81 0.00	39.68 0.78 0.00	39.51 0.74 0.00	38.59 0.72 0.00	34.61 0.69 0.00
CRICKET___VALLEY_CC1 323756	26.22 0.59 0.00	25.02 0.55 0.00	28.11 0.54 0.00	27.52 0.53 0.00	29.45 0.53 0.00	34.81 0.69 0.00	38.15 0.79 0.00	37.84 0.81 0.00	34.93 0.64 0.00	35.63 0.56 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.02 0.46 0.00	27.21 0.63 0.00	25.79 0.72 0.00	25.98 0.78 0.00	27.99 0.73 0.00	37.64 0.97 0.00	39.20 1.01 0.00	44.19 0.88 0.00	39.67 0.78 0.00	39.44 0.66 0.00	38.44 0.58 0.00	34.39 0.47 0.00
CRICKET___VALLEY_CC2 323757	26.22 0.59 0.00	25.02 0.55 0.00	28.11 0.54 0.00	27.52 0.53 0.00	29.45 0.53 0.00	34.81 0.69 0.00	38.15 0.79 0.00	37.84 0.81 0.00	34.93 0.64 0.00	35.63 0.56 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.02 0.46 0.00	27.21 0.63 0.00	25.79 0.72 0.00	25.98 0.78 0.00	27.99 0.73 0.00	37.64 0.97 0.00	39.20 1.01 0.00	44.19 0.88 0.00	39.67 0.78 0.00	39.44 0.66 0.00	38.44 0.58 0.00	34.39 0.47 0.00
CRICKET___VALLEY_CC3 323758	26.22 0.59 0.00	25.02 0.55 0.00	28.11 0.54 0.00	27.52 0.53 0.00	29.45 0.53 0.00	34.81 0.69 0.00	38.15 0.79 0.00	37.84 0.81 0.00	34.93 0.64 0.00	35.63 0.56 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.02 0.46 0.00	27.21 0.63 0.00	25.79 0.72 0.00	25.98 0.78 0.00	27.99 0.73 0.00	37.64 0.97 0.00	39.20 1.01 0.00	44.19 0.88 0.00	39.67 0.78 0.00	39.44 0.66 0.00	38.44 0.58 0.00	34.39 0.47 0.00
CRUCIBLE_METL_DRP 24180	25.38 -0.25 0.00	24.23 -0.24 0.00	27.35 -0.23 0.00	26.75 -0.24 0.00	28.67 -0.25 0.00	33.88 -0.23 0.00	37.18 -0.18 0.00	36.96 -0.08 0.00	34.22 -0.08 0.00	35.09 0.01 0.00	36.36 -0.09 0.00	33.34 -0.14 0.00	29.45 -0.11 0.00	26.52 -0.06 0.00	25.06 -0.01 0.00	25.21 0.01 0.00	27.27 0.01 0.00	36.67 0.00 0.00	38.26 0.07 0.00	43.33 0.02 0.00	38.89 -0.01 0.00	38.71 -0.06 0.00	37.72 -0.14 0.00	33.77 -0.15 0.00
DAHOWA___HYDRO 323763	26.74 1.11 0.00	25.54 1.06 0.00	28.73 1.15 0.00	28.10 1.11 0.00	30.16 1.25 0.00	35.64 1.53 0.00	39.14 1.78 0.00	38.82 1.78 0.00	35.75 1.46 0.00	36.19 1.12 0.00	37.73 1.27 0.00	34.64 1.16 0.00	30.35 0.79 0.00	27.35 0.78 0.00	25.75 0.68 0.00	25.92 0.72 0.00	28.25 0.99 0.00	38.32 1.64 0.00	40.00 1.82 0.00	45.19 1.88 0.00	40.63 1.74 0.00	40.39 1.62 0.00	39.37 1.50 0.00	35.26 1.34 0.00
DANC___LFGE 323619	25.34 -0.29 0.00	24.10 -0.37 0.00	27.15 -0.43 0.00	26.66 -0.33 0.00	28.66 -0.25 0.00	33.90 -0.22 0.00	37.42 0.06 0.00	37.18 0.14 0.00	34.31 0.02 0.00	34.81 -0.26 0.00	36.00 -0.46 0.00	33.39 -0.09 0.00	29.49 -0.07 0.00	26.42 -0.16 0.00	24.92 -0.15 0.00	25.07 -0.14 0.00	27.03 -0.23 0.00	36.75 0.08 0.00	38.82 0.64 0.00	43.89 0.58 0.00	39.31 0.41 0.00	39.41 0.64 0.00	38.52 0.65 0.00	34.48 0.56 0.00
DANSKAMMER___1 23586	26.57 0.94 0.00	25.35 0.87 0.00	28.49 0.91 0.00	27.90 0.90 0.00	29.85 0.93 0.00	35.30 1.18 0.00	38.75 1.39 0.00	38.47 1.43 0.00	35.50 1.21 0.00	36.28 1.21 0.00	37.56 1.11 0.00	34.53 1.05 0.00	30.55 0.98 0.00	27.65 1.07 0.00	26.21 1.14 0.00	26.39 1.19 0.00	28.47 1.21 0.00	38.31 1.64 0.00	39.95 1.77 0.00	45.08 1.77 0.00	40.45 1.56 0.00	40.20 1.42 0.00	39.11 1.25 0.00	34.94 1.02 0.00
DANSKAMMER___2 23589	26.57 0.94 0.00	25.35 0.87 0.00	28.49 0.91 0.00	27.90 0.90 0.00	29.85 0.93 0.00	35.30 1.18 0.00	38.75 1.39 0.00	38.47 1.43 0.00	35.50 1.21 0.00	36.28 1.21 0.00	37.56 1.11 0.00	34.53 1.05 0.00	30.55 0.98 0.00	27.65 1.07 0.00	26.21 1.14 0.00	26.39 1.19 0.00	28.47 1.21 0.00	38.31 1.64 0.00	39.95 1.77 0.00	45.08 1.77 0.00	40.45 1.56 0.00	40.20 1.42 0.00	39.11 1.25 0.00	34.94 1.02 0.00
DANSKAMMER___3 23590	26.57 0.94 0.00	25.35 0.87 0.00	28.49 0.91 0.00	27.90 0.90 0.00	29.85 0.93 0.00	35.30 1.18 0.00	38.75 1.39 0.00	38.47 1.43 0.00	35.50 1.21 0.00	36.28 1.21 0.00	37.56 1.11 0.00	34.53 1.05 0.00	30.55 0.98 0.00	27.65 1.07 0.00	26.21 1.14 0.00	26.39 1.19 0.00	28.47 1.21 0.00	38.31 1.64 0.00	39.95 1.77 0.00	45.08 1.77 0.00	40.45 1.56 0.00	40.20 1.42 0.00	39.11 1.25 0.00	34.94 1.02 0.00



DANSKAMMER___4 23591	26.57 0.94 0.00	25.35 0.87 0.00	28.49 0.91 0.00	27.90 0.90 0.00	29.85 0.93 0.00	35.30 1.18 0.00	38.75 1.39 0.00	38.47 1.43 0.00	35.50 1.21 0.00	36.28 1.21 0.00	37.56 1.11 0.00	34.53 1.05 0.00	30.55 0.98 0.00	27.65 1.07 0.00	26.21 1.14 0.00	26.39 1.19 0.00	28.47 1.21 0.00	38.31 1.64 0.00	39.95 1.77 0.00	45.08 1.77 0.00	40.45 1.56 0.00	40.20 1.42 0.00	39.11 1.25 0.00	34.94 1.02 0.00
DANSKAMMER___DIESEL 23592	26.57 0.94 0.00	25.35 0.87 0.00	28.49 0.91 0.00	27.90 0.90 0.00	29.85 0.93 0.00	35.30 1.18 0.00	38.76 1.40 0.00	38.47 1.43 0.00	35.50 1.20 0.00	36.28 1.21 0.00	37.56 1.10 0.00	34.53 1.05 0.00	30.54 0.98 0.00	27.65 1.07 0.00	26.21 1.14 0.00	26.39 1.19 0.00	28.47 1.21 0.00	38.31 1.63 0.00	39.95 1.77 0.00	45.08 1.77 0.00	40.45 1.56 0.00	40.20 1.43 0.00	39.11 1.24 0.00	34.93 1.01 0.00
DARBY___SOLAR 323810	26.63 1.00 0.00	25.43 0.95 0.00	28.60 1.02 0.00	27.98 0.99 0.00	30.02 1.10 0.00	35.46 1.35 0.00	38.94 1.58 0.00	38.60 1.57 0.00	35.55 1.26 0.00	36.01 0.94 0.00	37.55 1.09 0.00	34.48 1.00 0.00	30.21 0.65 0.00	27.24 0.67 0.00	25.65 0.58 0.00	25.84 0.63 0.00	28.11 0.86 0.00	38.13 1.46 0.00	39.81 1.62 0.00	44.96 1.65 0.00	40.43 1.54 0.00	40.19 1.42 0.00	39.19 1.33 0.00	35.09 1.17 0.00
DASHVILLE___HYD 23610	26.24 0.61 0.00	25.05 0.57 0.00	28.16 0.58 0.00	27.56 0.58 0.00	29.48 0.57 0.00	34.82 0.71 0.00	38.20 0.84 0.00	37.92 0.88 0.00	35.02 0.72 0.00	35.87 0.80 0.00	37.11 0.65 0.00	34.11 0.62 0.00	30.22 0.66 0.00	27.38 0.81 0.00	25.97 0.90 0.00	26.16 0.96 0.00	28.13 0.87 0.00	37.78 1.10 0.00	39.39 1.20 0.00	44.44 1.13 0.00	39.90 1.00 0.00	39.65 0.88 0.00	38.59 0.72 0.00	34.46 0.55 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	26.52 0.90 0.00	25.30 0.82 0.00	28.21 0.63 0.00	27.56 0.57 0.00	27.55 0.35 1.72	21.33 0.55 13.33	36.74 0.72 1.34	14.83 0.85 23.06	14.52 0.65 20.42	16.90 0.72 18.89	27.23 0.62 9.85	34.11 0.85 0.22	30.69 1.14 0.01	27.80 1.23 0.00	26.58 1.51 0.00	26.73 1.53 0.00	28.60 1.56 0.22	33.22 2.08 5.53	29.23 2.45 11.41	27.62 2.47 18.16	32.50 1.98 8.37	38.47 1.54 1.85	39.18 1.32 0.00	34.77 0.86 0.01
DELAWARE___LFGE 323621	26.12 0.49 0.00	24.96 0.48 0.00	28.20 0.62 0.00	27.59 0.60 0.00	29.53 0.61 0.00	34.83 0.71 0.00	38.18 0.82 0.00	37.85 0.82 0.00	34.98 0.69 0.00	35.85 0.78 0.00	37.20 0.75 0.00	34.13 0.64 0.00	30.15 0.58 0.00	27.20 0.62 0.00	25.70 0.63 0.00	25.84 0.64 0.00	27.94 0.68 0.00	37.57 0.89 0.00	39.19 1.01 0.00	44.38 1.08 0.00	39.86 0.96 0.00	39.67 0.89 0.00	38.68 0.81 0.00	34.63 0.71 0.00
DERFIELD_115KV_TB7 355931	25.63 0.00 0.00	24.49 0.01 0.00	27.59 0.01 0.00	27.00 0.01 0.00	28.92 0.01 0.00	34.15 0.03 0.00	37.42 0.06 0.00	37.09 0.05 0.00	34.31 0.02 0.00	35.05 -0.02 0.00	36.42 -0.04 0.00	33.45 -0.03 0.00	29.52 -0.04 0.00	26.57 -0.01 0.00	25.08 0.01 0.00	25.21 0.01 0.00	27.29 0.03 0.00	36.71 0.03 0.00	38.26 0.07 0.00	43.34 0.03 0.00	38.93 0.04 0.00	38.78 0.00 0.00	37.87 0.00 0.00	33.92 0.00 0.00
DOGLEVILLE___HYD 23807	25.35 -0.29 0.00	24.25 -0.22 0.00	27.25 -0.33 0.00	26.69 -0.30 0.00	28.61 -0.31 0.00	33.86 -0.26 0.00	37.36 0.00 0.00	37.02 -0.01 0.00	33.77 -0.52 0.00	33.99 -1.07 0.00	35.31 -1.15 0.00	32.43 -1.05 0.00	28.31 -1.25 0.00	25.73 -0.84 0.00	24.16 -0.91 0.00	24.28 -0.92 0.00	26.61 -0.65 0.00	36.48 -0.20 0.00	38.37 0.19 0.00	43.46 0.15 0.00	38.95 0.06 0.00	38.57 -0.20 0.00	37.52 -0.34 0.00	33.56 -0.36 0.00
DUNKIRK___115KV_TB_200 55889	24.81 -0.82 0.00	23.82 -0.66 0.00	27.18 -0.39 0.00	26.40 -0.59 0.00	28.36 -0.55 0.00	33.55 -0.57 0.00	36.59 -0.77 0.00	36.32 -0.43 0.29	33.92 -0.37 0.00	35.75 0.68 0.00	36.84 0.38 0.00	33.55 0.07 0.00	30.02 0.45 0.00	27.20 0.63 0.00	25.65 0.58 0.00	25.65 0.44 0.00	27.63 0.36 0.00	36.79 0.11 0.00	38.50 0.32 0.00	43.69 0.38 0.00	39.26 0.36 0.00	39.15 0.37 0.00	38.10 0.24 0.00	34.19 0.27 0.00
DUNKIRK___1 23563	24.81 -0.82 0.00	23.82 -0.66 0.00	27.18 -0.39 0.00	26.40 -0.59 0.00	28.36 -0.55 0.00	33.55 -0.57 0.00	36.59 -0.77 0.00	36.32 -0.43 0.29	33.92 -0.37 0.00	35.75 0.68 0.00	36.84 0.38 0.00	33.55 0.07 0.00	30.02 0.45 0.00	27.20 0.63 0.00	25.65 0.58 0.00	25.65 0.44 0.00	27.63 0.36 0.00	36.79 0.11 0.00	38.50 0.32 0.00	43.69 0.38 0.00	39.26 0.36 0.00	39.15 0.37 0.00	38.10 0.24 0.00	34.19 0.27 0.00
DUNKIRK___2 23564	24.81 -0.82 0.00	23.82 -0.66 0.00	27.18 -0.39 0.00	26.40 -0.59 0.00	28.36 -0.55 0.00	33.55 -0.57 0.00	36.59 -0.77 0.00	36.32 -0.43 0.29	33.92 -0.37 0.00	35.75 0.68 0.00	36.84 0.38 0.00	33.55 0.07 0.00	30.02 0.45 0.00	27.20 0.63 0.00	25.65 0.58 0.00	25.65 0.44 0.00	27.63 0.36 0.00	36.79 0.11 0.00	38.50 0.32 0.00	43.69 0.38 0.00	39.26 0.36 0.00	39.15 0.37 0.00	38.10 0.24 0.00	34.19 0.27 0.00
DUNKIRK___3 23565	24.77 -0.86 0.00	23.76 -0.71 0.00	27.09 -0.49 0.00	26.33 -0.66 0.00	28.28 -0.63 0.00	33.44 -0.68 0.00	36.45 -0.91 0.00	36.11 -0.61 0.32	33.71 -0.58 0.00	35.52 0.45 0.00	36.68 0.22 0.00	33.39 -0.09 0.00	29.87 0.31 0.00	27.08 0.50 0.00	25.52 0.45 0.00	25.53 0.33 0.00	27.49 0.23 0.00	36.57 -0.10 0.00	38.25 0.06 0.00	43.41 0.10 0.00	39.00 0.10 0.00	38.91 0.13 0.00	37.89 0.03 0.00	34.03 0.11 0.00
DUNKIRK___4 23566	24.77 -0.86 0.00	23.76 -0.71 0.00	27.09 -0.49 0.00	26.33 -0.66 0.00	28.28 -0.63 0.00	33.44 -0.68 0.00	36.45 -0.91 0.00	36.11 -0.61 0.32	33.71 -0.58 0.00	35.52 0.45 0.00	36.68 0.22 0.00	33.39 -0.09 0.00	29.87 0.31 0.00	27.08 0.50 0.00	25.52 0.45 0.00	25.53 0.33 0.00	27.49 0.23 0.00	36.57 -0.10 0.00	38.25 0.06 0.00	43.41 0.10 0.00	39.00 0.10 0.00	38.91 0.13 0.00	37.89 0.03 0.00	34.03 0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.56 0.93 0.00	25.34 0.86 0.00	28.45 0.87 0.00	27.86 0.87 0.00	29.79 0.87 0.00	35.21 1.09 0.00	38.62 1.26 0.00	38.34 1.31 0.00	35.42 1.13 0.00	36.32 1.25 0.00	37.62 1.17 0.00	34.63 1.15 0.00	30.66 1.10 0.00	27.77 1.19 0.00	26.33 1.26 0.00	26.50 1.30 0.00	28.52 1.26 0.00	38.27 1.59 0.00	39.88 1.70 0.00	44.94 1.64 0.00	40.33 1.43 0.00	40.09 1.32 0.00	39.02 1.15 0.00	34.86 0.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.35 0.72 0.00	25.14 0.66 0.00	28.27 0.69 0.00	27.68 0.69 0.00	29.62 0.71 0.00	35.02 0.91 0.00	38.42 1.06 0.00	38.12 1.08 0.00	35.18 0.89 0.00	35.99 0.92 0.00	37.24 0.78 0.00	34.22 0.74 0.00	30.29 0.73 0.00	27.41 0.84 0.00	25.98 0.91 0.00	26.15 0.95 0.00	28.19 0.93 0.00	37.93 1.25 0.00	39.59 1.41 0.00	44.67 1.36 0.00	40.09 1.19 0.00	39.86 1.08 0.00	38.77 0.91 0.00	34.66 0.74 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	26.70 1.06 -0.01	25.44 0.96 0.00	28.57 0.99 0.00	28.01 1.01 0.00	29.89 0.98 0.00	35.35 1.23 0.00	38.75 1.40 0.00	38.42 1.39 0.00	35.52 1.23 0.00	36.40 1.33 0.00	37.73 1.27 0.00	34.73 1.25 0.00	30.78 1.22 0.00	27.90 1.32 0.00	26.45 1.38 0.00	26.63 1.42 0.00	28.62 1.36 0.00	38.38 1.70 0.00	40.00 1.82 0.00	45.08 1.77 0.00	40.50 1.61 0.00	40.27 1.50 0.00	39.18 1.31 0.00	35.02 1.10 0.00
E179THST_13_KV_LOAD 356214	26.80 1.16 -0.01	25.54 1.06 0.00	28.67 1.09 0.00	28.10 1.11 0.00	30.00 1.09 0.00	35.48 1.36 0.00	38.92 1.56 0.00	38.59 1.55 0.00	35.68 1.39 0.00	36.56 1.50 0.00	37.89 1.44 0.00	34.89 1.41 0.00	30.92 1.35 0.00	28.02 1.44 0.00	26.57 1.50 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.56 1.88 0.00	40.19 2.01 0.00	45.30 1.99 0.00	40.70 1.81 0.00	40.46 1.69 0.00	39.36 1.49 0.00	35.16 1.24 0.00
EAST HAMPTON___GT 23717	26.04 0.41 0.00	24.81 0.34 0.00	27.62 0.04 0.00	26.99 0.00 0.00	26.94 -0.26 1.72	20.64 -0.15 13.33	36.04 0.01 1.34	14.13 0.15 23.06	13.86 -0.02 20.42	16.27 0.10 18.89	26.59 -0.02 9.85	33.73 0.47 0.22	30.48 0.93 0.01	27.66 1.09 0.00	26.49 1.42 0.00	26.74 1.53 0.00	28.67 1.63 0.22	33.44 2.30 5.53	29.47 2.70 11.41	27.83 2.68 18.16	32.62 2.10 8.37	38.55 1.63 1.85	39.30 1.43 0.00	34.78 0.87 0.01
EAST RIVER___6 23660	26.76 1.13 0.00	25.51 1.04 0.00	28.64 1.06 0.00	28.05 1.06 0.00	30.00 1.08 0.00	35.47 1.36 0.00	38.92 1.56 0.00	38.64 1.60 0.00	35.73 1.44 0.00	36.68 1.61 0.00	38.01 1.55 0.00	35.01 1.52 0.00	31.03 1.46 0.00	28.10 1.53 0.00	26.66 1.59 0.00	26.83 1.63 0.00	28.87 1.61 0.00	38.69 2.02 0.00	40.30 2.12 0.00	45.40 2.09 0.00	40.71 1.82 0.00	40.47 1.70 0.00	39.35 1.49 0.00	35.15 1.23 0.00
EAST RIVER___7 23524	26.76 1.13 0.00	25.51 1.04 0.00	28.64 1.06 0.00	28.05 1.06 0.00	30.00 1.08 0.00	35.47 1.36 0.00	38.92 1.56 0.00	38.64 1.60 0.00	35.73 1.44 0.00	36.68 1.61 0.00	38.01 1.55 0.00	35.01 1.52 0.00	31.03 1.46 0.00	28.10 1.53 0.00	26.66 1.59 0.00	26.83 1.63 0.00	28.87 1.61 0.00	38.69 2.02 0.00	40.30 2.12 0.00	45.40 2.09 0.00	40.71 1.82 0.00	40.47 1.70 0.00	39.35 1.49 0.00	35.15 1.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.51 0.88 0.00	25.29 0.81 0.00	28.40 0.82 0.00	27.81 0.81 0.00	29.74 0.83 0.00	35.16 1.04 0.00	38.55 1.19 0.00	38.27 1.23 0.00	35.34 1.05 0.00	36.22 1.15 0.00	37.53 1.07 0.00	34.53 1.05 0.00	30.57 1.01 0.00	27.68 1.11 0.00	26.25 1.18 0.00	26.42 1.22 0.00	28.44 1.18 0.00	38.17 1.50 0.00	39.78 1.60 0.00	44.84 1.53 0.00	40.24 1.35 0.00	40.00 1.23 0.00	38.94 1.07 0.00	34.80 0.88 0.00
EAST_HAMPTON___DIESEL 23722	25.96 0.33 0.00	24.73 0.25 0.00	27.52 -0.06 0.00	26.90 -0.09 0.00	26.84 -0.36 1.72	20.52 -0.26 13.33	35.91 -0.12 1.34	14.00 0.02 23.06	13.74 -0.13 20.42	16.16 -0.02 18.89	26.47 -0.13 9.85	33.65 0.40 0.22	30.43 0.88 0.01	27.62 1.05 0.00	26.46 1.39 0.00	26.71 1.51 0.00	28.65 1.62 0.22	33.42 2.28 5.53	29.45 2.68 11.41	27.81 2.66 18.16	32.58 2.06 8.37	38.52 1.60 1.85	39.26 1.40 0.00	34.74 0.83 0.01
EAST_POINT___SOLAR 323840	27.37 1.74 0.00	26.10 1.63 0.00	29.38 1.80 0.00	28.79 1.80 0.00	30.89 1.97 0.00	36.57 2.45 0.00	40.25 2.90 0.00	40.07 3.03 0.00	36.53 2.24 0.00	35.86 0.79 0.00	37.80 1.34 0.00	35.28 1.80 0.00	30.68 1.12 0.00	27.77 1.19 0.00	26.07 1.00 0.00	26.23 1.03 0.00	28.60 1.34 0.00	39.34 2.66 0.00	41.49 3.31 0.00	47.08 3.76 0.00	42.23 3.33 0.00	41.94 3.16 0.00	40.82 2.96 0.00	36.50 2.58 0.00
EAST_PULASKI___ESR 323781	25.22 -0.41 0.00	24.04 -0.44 0.00	27.09 -0.49 0.00	26.54 -0.46 0.00	28.48 -0.43 0.00	33.67 -0.45 0.00	37.03 -0.33 0.00	36.77 -0.27 0.00	34.01 -0.28 0.00	34.72 -0.35 0.00	35.97 -0.49 0.00	33.13 -0.35 0.00	29.26 -0.30 0.00	26.30 -0.27 0.00	24.83 -0.24 0.00	24.98 -0.22 0.00	26.97 -0.29 0.00	36.41 -0.26 0.00	38.19 0.01 0.00	43.25 -0.06 0.00	38.80 -0.09 0.00	38.79 0.01 0.00	37.81 -0.05 0.00	33.84 -0.08 0.00
EAST_RIVER___1 323558	26.69 1.06 0.00	25.45 0.97 0.00	28.56 0.98 0.00	27.98 0.99 0.00	29.92 1.00 0.00	35.37 1.25 0.00	38.79 1.43 0.00	38.51 1.47 0.00	35.59 1.30 0.00	36.52 1.46 0.00	37.84 1.38 0.00	34.85 1.37 0.00	30.89 1.33 0.00	27.97 1.40 0.00	26.53 1.47 0.00	26.71 1.51 0.00	28.74 1.48 0.00	38.53 1.86 0.00	40.13 1.94 0.00	45.20 1.89 0.00	40.56 1.66 0.00	40.32 1.55 0.00	39.22 1.35 0.00	35.04 1.12 0.00
EAST_RIVER___2 323559	26.76 1.13 0.00	25.51 1.04 0.00	28.64 1.06 0.00	28.05 1.06 0.00	30.00 1.08 0.00	35.47 1.36 0.00	38.92 1.56 0.00	38.64 1.60 0.00	35.73 1.44 0.00	36.68 1.61 0.00	38.01 1.55 0.00	35.01 1.52 0.00	31.03 1.46 0.00	28.10 1.53 0.00	26.66 1.59 0.00	26.83 1.63 0.00	28.87 1.61 0.00	38.69 2.02 0.00	40.30 2.12 0.00	45.40 2.09 0.00	40.71 1.82 0.00	40.47 1.70 0.00	39.35 1.49 0.00	35.15 1.23 0.00
EAST___DELAWARE_HYD 23607	26.63 1.00 0.00	25.41 0.93 0.00	28.59 1.01 0.00	27.99 1.00 0.00	29.96 1.04 0.00	35.43 1.31 0.00	38.91 1.55 0.00	38.64 1.60 0.00	35.63 1.33 0.00	36.40 1.33 0.00	37.60 1.15 0.00	34.51 1.03 0.00	30.53 0.97 0.00	27.62 1.04 0.00	26.13 1.06 0.00	26.32 1.12 0.00	28.43 1.16 0.00	38.36 1.68 0.00	40.15 1.97 0.00	45.35 2.04 0.00	40.67 1.78 0.00	40.42 1.65 0.00	39.30 1.43 0.00	35.10 1.18 0.00
EIGHT_POINT___WT_PWR 323820	24.57 -1.06 0.00	23.50 -0.97 0.00	26.92 -0.66 0.00	26.24 -0.75 0.00	28.01 -0.90 0.00	33.04 -1.08 0.00	35.92 -1.44 0.00	37.80 -1.08 -1.85	33.84 -0.45 0.00	35.00 -0.07 0.00	36.35 -0.11 0.00	33.05 -0.43 0.00	29.25 -0.31 0.00	26.62 0.05 0.00	25.18 0.11 0.00	25.18 -0.03 0.00	27.24 -0.02 0.00	36.51 -0.17 0.00	38.33 0.15 0.00	43.53 0.22 0.00	38.81 -0.09 0.00	38.57 -0.20 0.00	37.74 -0.13 0.00	34.12 0.20 0.00
ELBRIDGE_115KV_TB2 80188	25.24 -0.40 0.00	24.11 -0.37 0.00	27.21 -0.36 0.00	26.61 -0.39 0.00	28.52 -0.40 0.00	33.70 -0.42 0.00	36.94 -0.42 0.00	36.71 -0.32 0.00	34.02 -0.27 0.00	34.89 -0.18 0.00	36.16 -0.30 0.00	33.14 -0.34 0.00	29.28 -0.28 0.00	26.38 -0.20 0.00	24.91 -0.15 0.00	25.08 -0.12 0.00	27.11 -0.14 0.00	36.44 -0.23 0.00	38.02 -0.16 0.00	43.07 -0.24 0.00	38.64 -0.25 0.00	38.48 -0.30 0.00	37.50 -0.37 0.00	33.58 -0.34 0.00
ELEC_TRO_TEK 24086	26.62 1.00 0.00	25.39 0.91 0.00	28.45 0.88 0.00	27.83 0.84 0.00	29.21 0.75 0.45	31.63 0.97 3.46	38.15 1.10 0.31	32.09 1.18 6.12	29.90 1.03 5.42	31.20 1.14 5.02	34.91 1.06 2.61	34.50 1.08 0.06	30.69 1.13 0.00	27.77 1.19 0.00	26.39 1.32 0.00	26.52 1.32 0.00	28.44 1.24 0.06	36.69 1.51 1.49	36.41 1.59 3.36	39.48 1.52 5.34	37.78 1.33 2.45	39.45 1.17 0.49	38.87 1.01 0.00	34.65 0.73 0.00



ELLENBURG_WT_PWR 323604	25.32 -0.31 0.00	24.00 -0.47 0.00	26.85 -0.73 0.00	26.21 -0.78 0.00	28.19 -0.73 0.00	32.94 -1.18 0.00	35.61 -1.75 0.00	35.40 -1.64 0.00	33.00 -1.29 0.00	34.10 -0.97 0.00	36.29 -0.17 0.00	33.81 0.33 0.00	29.56 0.00 0.00	25.74 -0.83 0.00	23.87 -1.20 0.00	24.25 -0.95 0.00	26.54 -0.72 0.00	35.75 -0.93 0.00	37.26 -0.92 0.00	42.12 -1.19 0.00	37.83 -1.07 0.00	38.17 -0.60 0.00	38.15 0.29 0.00	34.43 0.51 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.51 -1.11 0.00	23.47 -1.00 0.00	26.63 -0.95 0.00	25.96 -1.03 0.00	27.89 -1.03 0.00	33.00 -1.12 0.00	35.88 -1.48 0.00	35.34 -1.30 0.40	33.05 -1.24 0.00	34.91 -0.16 0.00	36.33 -0.13 0.00	33.10 -0.38 0.00	29.55 -0.01 0.00	26.79 0.21 0.00	25.23 0.16 0.00	25.23 0.02 0.00	27.16 -0.10 0.00	35.95 -0.73 0.00	37.48 -0.70 0.00	42.64 -0.66 0.00	38.27 -0.62 0.00	38.25 -0.52 0.00	37.30 -0.56 0.00	33.63 -0.29 0.00
EMPIRE_CC_1 323656	26.23 0.60 0.00	25.04 0.56 0.00	28.15 0.57 0.00	27.56 0.57 0.00	29.54 0.63 0.00	34.85 0.73 0.00	38.18 0.82 0.00	37.76 0.72 0.00	34.83 0.54 0.00	35.45 0.38 0.00	36.89 0.43 0.00	33.92 0.44 0.00	29.84 0.28 0.00	26.98 0.41 0.00	25.46 0.39 0.00	25.61 0.41 0.00	27.72 0.46 0.00	37.36 0.69 0.00	38.87 0.69 0.00	43.84 0.53 0.00	39.44 0.55 0.00	39.26 0.48 0.00	38.36 0.49 0.00	34.42 0.50 0.00
EMPIRE_CC_2 323658	26.23 0.60 0.00	25.04 0.56 0.00	28.15 0.57 0.00	27.56 0.57 0.00	29.54 0.63 0.00	34.85 0.73 0.00	38.18 0.82 0.00	37.76 0.72 0.00	34.83 0.54 0.00	35.45 0.38 0.00	36.89 0.43 0.00	33.92 0.44 0.00	29.84 0.28 0.00	26.98 0.41 0.00	25.46 0.39 0.00	25.61 0.41 0.00	27.72 0.46 0.00	37.36 0.69 0.00	38.87 0.69 0.00	43.84 0.53 0.00	39.44 0.55 0.00	39.26 0.48 0.00	38.36 0.49 0.00	34.42 0.50 0.00
ENORWICH_115KV_TB1 80156	27.14 1.51 0.00	25.77 1.29 0.00	29.41 1.84 0.00	28.58 1.59 0.00	30.66 1.74 0.00	36.39 2.27 0.00	40.02 2.67 0.00	39.83 2.67 -0.13	36.65 2.36 0.00	37.55 2.48 0.00	38.58 2.12 0.00	35.16 1.68 0.00	30.85 1.29 0.00	27.67 1.10 0.00	26.23 1.16 0.00	26.54 1.35 0.00	28.99 1.73 0.00	39.29 2.61 0.00	41.44 3.26 0.00	47.22 3.91 0.00	42.23 3.33 0.00	42.04 3.27 0.00	40.93 3.06 0.00	36.53 2.61 0.00
ERIE_ST__34_KV_TB1-2 80199	24.95 -0.68 0.00	23.88 -0.60 0.00	27.11 -0.47 0.00	26.42 -0.57 0.00	28.38 -0.54 0.00	33.57 -0.55 0.00	36.59 -0.77 0.00	36.16 -0.54 0.34	33.75 -0.54 0.00	35.54 0.47 0.00	36.91 0.45 0.00	33.58 0.09 0.00	30.01 0.44 0.00	27.22 0.64 0.00	25.61 0.54 0.00	25.65 0.45 0.00	27.62 0.36 0.00	36.60 -0.08 0.00	38.21 0.03 0.00	43.46 0.14 0.00	39.01 0.11 0.00	38.94 0.16 0.00	37.94 0.07 0.00	34.15 0.23 0.00
ERIE_WT_PWR 323693	24.69 -0.94 0.00	23.64 -0.84 0.00	26.84 -0.74 0.00	26.13 -0.86 0.00	28.08 -0.83 0.00	33.22 -0.90 0.00	36.20 -1.16 0.00	35.76 -0.93 0.36	33.36 -0.93 0.00	35.17 0.10 0.00	36.58 0.12 0.00	33.30 -0.18 0.00	29.69 0.13 0.00	26.93 0.36 0.00	25.40 0.33 0.00	25.38 0.18 0.00	27.33 0.07 0.00	36.19 -0.48 0.00	37.77 -0.42 0.00	42.96 -0.35 0.00	38.58 -0.32 0.00	38.55 -0.23 0.00	37.57 -0.30 0.00	33.85 -0.07 0.00
ESPRGFLD_115KV_TB1 80157	26.85 1.22 0.00	25.62 1.14 0.00	28.90 1.33 0.00	28.34 1.35 0.00	30.35 1.43 0.00	35.87 1.75 0.00	39.33 1.97 0.00	39.09 2.06 0.00	36.12 1.83 0.00	36.93 1.86 0.00	38.42 1.96 0.00	35.28 1.80 0.00	31.10 1.54 0.00	27.99 1.41 0.00	26.40 1.34 0.00	26.50 1.31 0.00	28.70 1.44 0.00	38.68 2.00 0.00	40.55 2.37 0.00	46.05 2.75 0.00	41.34 2.44 0.00	41.11 2.34 0.00	40.10 2.23 0.00	35.91 1.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.97 0.34 0.00	24.80 0.32 0.00	28.07 0.49 0.00	27.41 0.42 0.00	29.37 0.46 0.00	34.73 0.61 0.00	38.12 0.76 0.00	38.17 0.92 -0.21	35.14 0.85 0.00	36.03 0.96 0.00	37.13 0.67 0.00	33.99 0.51 0.00	30.01 0.45 0.00	26.99 0.42 0.00	25.56 0.49 0.00	25.78 0.58 0.00	27.95 0.69 0.00	37.67 1.00 0.00	39.47 1.29 0.00	44.73 1.42 0.00	40.13 1.23 0.00	39.88 1.11 0.00	38.85 0.98 0.00	34.71 0.79 0.00
ETNA____115KV_TB2 80207	25.97 0.34 0.00	24.80 0.32 0.00	28.07 0.49 0.00	27.41 0.42 0.00	29.37 0.46 0.00	34.73 0.61 0.00	38.12 0.76 0.00	38.17 0.92 -0.21	35.14 0.85 0.00	36.03 0.96 0.00	37.13 0.67 0.00	33.99 0.51 0.00	30.01 0.45 0.00	26.99 0.42 0.00	25.56 0.49 0.00	25.78 0.58 0.00	27.95 0.69 0.00	37.67 1.00 0.00	39.47 1.29 0.00	44.73 1.42 0.00	40.13 1.23 0.00	39.88 1.11 0.00	38.85 0.98 0.00	34.71 0.79 0.00
EUCLID__115KV_TB2 356179	25.15 -0.48 0.00	24.01 -0.47 0.00	27.09 -0.49 0.00	26.50 -0.49 0.00	28.40 -0.51 0.00	33.56 -0.56 0.00	36.80 -0.57 0.00	36.55 -0.48 0.00	33.87 -0.42 0.00	34.73 -0.34 0.00	36.03 -0.43 0.00	33.03 -0.45 0.00	29.19 -0.38 0.00	26.29 -0.29 0.00	24.82 -0.25 0.00	24.97 -0.23 0.00	26.99 -0.27 0.00	36.27 -0.40 0.00	37.84 -0.34 0.00	42.88 -0.43 0.00	38.48 -0.41 0.00	38.32 -0.45 0.00	37.35 -0.51 0.00	33.44 -0.48 0.00
E_CANADA_CAP_HY 24051	27.16 1.53 0.00	25.91 1.44 0.00	29.16 1.58 0.00	28.59 1.60 0.00	30.66 1.74 0.00	36.24 2.12 0.00	39.77 2.41 0.00	39.52 2.49 0.00	36.40 2.10 0.00	36.81 1.74 0.00	38.49 2.03 0.00	35.47 1.98 0.00	31.13 1.57 0.00	28.02 1.45 0.00	26.35 1.28 0.00	26.44 1.24 0.00	28.69 1.43 0.00	38.92 2.24 0.00	40.93 2.74 0.00	46.48 3.17 0.00	41.73 2.83 0.00	41.50 2.72 0.00	40.50 2.63 0.00	36.29 2.37 0.00
E_CANADA_MHWK_HY 24050	25.35 -0.29 0.00	24.25 -0.22 0.00	27.25 -0.33 0.00	26.69 -0.30 0.00	28.61 -0.31 0.00	33.86 -0.26 0.00	37.36 0.00 0.00	37.02 -0.01 0.00	33.77 -0.52 0.00	33.99 -1.07 0.00	35.31 -1.15 0.00	32.43 -1.05 0.00	28.31 -1.25 0.00	25.73 -0.84 0.00	24.16 -0.91 0.00	24.28 -0.92 0.00	26.61 -0.65 0.00	36.48 -0.20 0.00	38.37 0.19 0.00	43.46 0.15 0.00	38.95 0.06 0.00	38.57 -0.20 0.00	37.52 -0.34 0.00	33.56 -0.36 0.00
E_FISHKILL__LBMP 23776	26.34 0.71 0.00	25.14 0.67 0.00	28.26 0.68 0.00	27.67 0.68 0.00	29.59 0.68 0.00	34.97 0.85 0.00	38.35 0.99 0.00	38.04 1.00 0.00	35.13 0.84 0.00	35.94 0.87 0.00	37.25 0.80 0.00	34.27 0.79 0.00	30.31 0.75 0.00	27.44 0.86 0.00	26.01 0.94 0.00	26.18 0.98 0.00	28.20 0.94 0.00	37.88 1.21 0.00	39.47 1.29 0.00	44.51 1.20 0.00	39.96 1.07 0.00	39.73 0.96 0.00	38.70 0.83 0.00	34.60 0.67 0.00
FALCON____SEABRD_CC1 323796	25.55 -0.08 0.00	24.27 -0.21 0.00	27.18 -0.40 0.00	26.55 -0.44 0.00	28.52 -0.39 0.00	33.37 -0.74 0.00	36.02 -1.34 0.00	35.78 -1.26 0.00	33.32 -0.97 0.00	34.44 -0.64 0.00	36.51 0.05 0.00	34.00 0.52 0.00	29.80 0.23 0.00	26.04 -0.54 0.00	24.20 -0.87 0.00	24.52 -0.68 0.00	26.77 -0.49 0.00	35.92 -0.76 0.00	37.43 -0.76 0.00	42.33 -0.98 0.00	38.02 -0.87 0.00	38.32 -0.45 0.00	38.29 0.43 0.00	34.53 0.61 0.00



FALCON___SEABRD_CC2 323797	25.55 -0.08 0.00	24.27 -0.21 0.00	27.18 -0.40 0.00	26.55 -0.44 0.00	28.52 -0.39 0.00	33.37 -0.74 0.00	36.02 -1.34 0.00	35.78 -1.26 0.00	33.32 -0.97 0.00	34.44 -0.64 0.00	36.51 0.05 0.00	34.00 0.52 0.00	29.80 0.23 0.00	26.04 -0.54 0.00	24.20 -0.87 0.00	24.52 -0.68 0.00	26.77 -0.49 0.00	35.92 -0.76 0.00	37.43 -0.76 0.00	42.33 -0.98 0.00	38.02 -0.87 0.00	38.32 -0.45 0.00	38.29 0.43 0.00	34.53 0.61 0.00
FAR ROCKAWAY___4 23548	26.90 1.27 0.00	25.65 1.18 0.00	28.75 1.17 0.00	28.11 1.12 0.00	29.77 1.09 0.24	33.71 1.40 1.80	38.76 1.57 0.16	35.50 1.65 3.19	32.92 1.46 2.82	34.04 1.59 2.61	36.61 1.51 1.36	34.94 1.48 0.03	31.04 1.48 0.00	28.09 1.52 0.00	26.70 1.63 0.00	26.85 1.65 0.00	28.84 1.61 0.03	38.00 2.08 0.76	38.83 2.18 1.53	43.05 2.17 2.44	39.66 1.89 1.13	40.27 1.76 0.26	39.42 1.55 0.00	35.09 1.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.69 1.06 0.00	25.45 0.97 0.00	28.57 0.99 0.00	27.99 1.00 0.00	29.92 1.01 0.00	35.37 1.26 0.00	38.79 1.44 0.00	38.51 1.48 0.00	35.59 1.30 0.00	36.51 1.44 0.00	37.83 1.37 0.00	34.83 1.35 0.00	30.87 1.30 0.00	27.97 1.39 0.00	26.53 1.46 0.00	26.70 1.50 0.00	28.73 1.47 0.00	38.50 1.83 0.00	40.12 1.94 0.00	45.20 1.89 0.00	40.56 1.66 0.00	40.32 1.54 0.00	39.22 1.35 0.00	35.04 1.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.70 1.07 0.00	25.46 0.98 0.00	28.57 0.99 0.00	27.99 1.00 0.00	29.92 1.01 0.00	35.38 1.26 0.00	38.80 1.44 0.00	38.51 1.48 0.00	35.59 1.30 0.00	36.51 1.44 0.00	37.84 1.38 0.00	34.84 1.36 0.00	30.87 1.31 0.00	27.97 1.40 0.00	26.54 1.47 0.00	26.71 1.50 0.00	28.73 1.47 0.00	38.53 1.85 0.00	40.13 1.95 0.00	45.22 1.90 0.00	40.57 1.68 0.00	40.34 1.57 0.00	39.24 1.37 0.00	35.06 1.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.68 1.05 0.00	25.44 0.96 0.00	28.56 0.98 0.00	27.97 0.99 0.00	29.91 1.00 0.00	35.37 1.25 0.00	38.78 1.42 0.00	38.49 1.45 0.00	35.57 1.28 0.00	36.48 1.42 0.00	37.81 1.36 0.00	34.82 1.34 0.00	30.86 1.30 0.00	27.96 1.38 0.00	26.52 1.45 0.00	26.69 1.49 0.00	28.72 1.46 0.00	38.50 1.82 0.00	40.09 1.91 0.00	45.17 1.86 0.00	40.53 1.64 0.00	40.30 1.52 0.00	39.20 1.33 0.00	35.02 1.11 0.00
FARRAGUT___LBMP 323566	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.75 1.39 0.00	38.46 1.43 0.00	35.54 1.25 0.00	36.45 1.38 0.00	37.78 1.32 0.00	34.79 1.31 0.00	30.83 1.26 0.00	27.93 1.36 0.00	26.49 1.42 0.00	26.67 1.46 0.00	28.69 1.43 0.00	38.46 1.78 0.00	40.06 1.87 0.00	45.14 1.83 0.00	40.50 1.61 0.00	40.27 1.49 0.00	39.17 1.30 0.00	35.01 1.09 0.00
FENNER___WINDPWR 24204	25.95 0.32 0.00	24.78 0.30 0.00	27.96 0.38 0.00	27.33 0.34 0.00	29.31 0.39 0.00	34.72 0.60 0.00	38.16 0.80 0.00	37.96 0.92 0.00	35.09 0.80 0.00	35.86 0.79 0.00	37.13 0.68 0.00	34.07 0.58 0.00	30.06 0.50 0.00	26.91 0.34 0.00	25.38 0.31 0.00	25.53 0.33 0.00	27.67 0.41 0.00	37.34 0.66 0.00	39.26 1.08 0.00	44.48 1.17 0.00	39.89 1.00 0.00	39.71 0.94 0.00	38.71 0.85 0.00	34.62 0.70 0.00
FIBERTEK___ENERGY 23856	25.38 -0.25 0.00	24.23 -0.24 0.00	27.35 -0.23 0.00	26.75 -0.24 0.00	28.67 -0.25 0.00	33.88 -0.23 0.00	37.18 -0.18 0.00	36.96 -0.08 0.00	34.22 -0.08 0.00	35.09 0.01 0.00	36.36 -0.09 0.00	33.34 -0.14 0.00	29.45 -0.11 0.00	26.52 -0.06 0.00	25.06 -0.01 0.00	25.21 0.01 0.00	27.27 0.01 0.00	36.67 0.00 0.00	38.26 0.07 0.00	43.33 0.02 0.00	38.89 -0.01 0.00	38.71 -0.06 0.00	37.72 -0.14 0.00	33.77 -0.15 0.00
FITZPATRICK____ 23598	24.82 -0.81 0.00	23.70 -0.78 0.00	26.72 -0.85 0.00	26.15 -0.84 0.00	28.03 -0.89 0.00	33.10 -1.02 0.00	36.27 -1.09 0.00	36.00 -1.03 0.00	33.36 -0.93 0.00	34.19 -0.89 0.00	35.49 -0.97 0.00	32.55 -0.93 0.00	28.75 -0.81 0.00	25.89 -0.69 0.00	24.44 -0.63 0.00	24.57 -0.63 0.00	26.56 -0.70 0.00	35.70 -0.98 0.00	37.22 -0.95 0.00	42.19 -1.12 0.00	37.87 -1.02 0.00	37.73 -1.04 0.00	36.80 -1.06 0.00	32.96 -0.96 0.00
FLOWRFLD_69_KV_BK1 356044	26.77 1.14 0.00	25.54 1.06 0.00	28.53 0.95 0.00	27.83 0.85 0.00	27.84 0.61 1.68	21.84 0.76 13.03	36.99 0.93 1.30	15.30 0.82 22.55	15.00 0.69 19.97	17.53 0.95 18.48	27.70 0.88 9.64	34.23 0.96 0.22	30.71 1.16 0.01	27.77 1.19 0.00	26.49 1.42 0.00	26.56 1.36 0.00	28.30 1.25 0.22	32.52 1.27 5.42	28.52 1.55 11.20	26.97 1.49 17.84	31.89 1.21 8.22	37.88 0.92 1.81	38.55 0.69 0.00	34.46 0.55 0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.62 0.99 0.00	25.39 0.92 0.00	28.54 0.96 0.00	27.94 0.95 0.00	29.91 0.99 0.00	35.36 1.25 0.00	38.83 1.47 0.00	38.54 1.51 0.00	35.58 1.29 0.00	36.36 1.29 0.00	37.65 1.19 0.00	34.61 1.13 0.00	30.61 1.04 0.00	27.71 1.14 0.00	26.27 1.20 0.00	26.45 1.25 0.00	28.53 1.27 0.00	38.39 1.72 0.00	40.04 1.86 0.00	45.18 1.87 0.00	40.54 1.65 0.00	40.28 1.51 0.00	39.19 1.33 0.00	35.01 1.09 0.00
FORT ORANGE____ 23900	26.00 0.37 0.00	24.83 0.35 0.00	27.93 0.35 0.00	27.34 0.35 0.00	29.29 0.38 0.00	34.59 0.47 0.00	37.99 0.63 0.00	37.58 0.55 0.00	34.68 0.38 0.00	35.23 0.16 0.00	36.60 0.14 0.00	33.61 0.13 0.00	29.56 -0.01 0.00	26.70 0.12 0.00	25.17 0.10 0.00	25.33 0.13 0.00	27.46 0.20 0.00	37.13 0.46 0.00	38.77 0.59 0.00	43.76 0.45 0.00	39.34 0.44 0.00	39.11 0.33 0.00	38.16 0.29 0.00	34.23 0.31 0.00
FORT_DRUM_COGEN 23780	25.73 0.10 0.00	24.41 -0.06 0.00	27.51 -0.07 0.00	27.04 0.05 0.00	29.13 0.22 0.00	34.45 0.34 0.00	38.18 0.82 0.00	37.92 0.88 0.00	34.92 0.63 0.00	35.15 0.08 0.00	36.29 -0.17 0.00	33.89 0.40 0.00	29.98 0.42 0.00	26.75 0.18 0.00	25.20 0.13 0.00	25.35 0.14 0.00	27.27 0.01 0.00	37.36 0.69 0.00	39.77 1.59 0.00	44.97 1.66 0.00	40.26 1.36 0.00	40.44 1.66 0.00	39.55 1.68 0.00	35.38 1.46 0.00
FOX_HILLS___ESR 323835	26.72 1.09 -0.01	25.46 0.98 0.00	28.58 1.00 0.00	28.00 1.01 0.00	29.93 1.01 0.00	35.36 1.24 0.00	38.69 1.33 0.00	38.33 1.30 0.00	35.46 1.17 0.00	36.39 1.32 0.00	37.71 1.26 0.00	34.83 1.34 0.00	30.75 1.19 0.00	27.86 1.28 0.00	26.42 1.36 0.00	26.58 1.39 0.00	28.60 1.34 0.00	38.34 1.67 0.00	38.78 1.75 1.15	45.01 1.70 0.00	40.47 1.57 0.00	40.37 1.59 0.00	39.22 1.35 0.00	35.09 1.17 0.00
FPL FAR_ROCK_GT1 24212	26.90 1.27 0.00	25.65 1.18 0.00	28.75 1.17 0.00	28.11 1.12 0.00	29.77 1.09 0.24	33.71 1.40 1.80	38.76 1.57 0.16	35.50 1.66 3.19	32.92 1.46 2.82	34.05 1.59 2.61	36.61 1.51 1.36	34.93 1.48 0.03	31.05 1.49 0.00	28.09 1.51 0.00	26.69 1.62 0.00	26.85 1.65 0.00	28.84 1.61 0.03	38.00 2.09 0.76	38.83 2.18 1.53	43.05 2.17 2.44	39.66 1.89 1.13	40.27 1.76 0.26	39.42 1.55 0.00	35.09 1.17 0.00



FPL FAR_ROCK_GT2 23815	26.90 1.27 0.00	25.65 1.18 0.00	28.75 1.17 0.00	28.11 1.12 0.00	29.77 1.09 0.24	33.71 1.40 1.80	38.76 1.57 0.16	35.50 1.66 3.19	32.92 1.46 2.82	34.05 1.59 2.61	36.61 1.51 1.36	34.93 1.48 0.03	31.05 1.49 0.00	28.09 1.51 0.00	26.69 1.62 0.00	26.85 1.65 0.00	28.84 1.61 0.03	38.00 2.09 0.76	38.83 2.18 1.53	43.05 2.17 2.44	39.66 1.89 1.13	40.27 1.76 0.26	39.42 1.55 0.00	35.09 1.17 0.00
FRANKLIN_FALL_HYD 24054	25.94 0.31 0.00	24.68 0.20 0.00	27.67 0.09 0.00	27.10 0.11 0.00	29.12 0.21 0.00	34.15 0.03 0.00	37.22 -0.14 0.00	36.74 -0.30 0.00	34.17 -0.13 0.00	35.03 -0.04 0.00	36.75 0.29 0.00	34.16 0.68 0.00	30.26 0.70 0.00	26.53 -0.04 0.00	24.76 -0.31 0.00	24.96 -0.24 0.00	27.18 -0.08 0.00	36.56 -0.12 0.00	38.34 0.16 0.00	43.51 0.20 0.00	39.23 0.33 0.00	39.75 0.97 0.00	39.14 1.27 0.00	35.12 1.20 0.00
FREEPORT_EQUS_GT1 23764	26.71 1.08 0.00	25.47 0.99 0.00	28.52 0.94 0.00	27.88 0.89 0.00	28.69 0.77 0.99	27.56 1.01 7.57	37.77 1.10 0.69	24.86 1.17 13.34	23.49 1.02 11.81	25.27 1.13 10.93	31.80 1.05 5.70	34.45 1.10 0.13	30.74 1.18 0.01	27.78 1.21 0.00	26.42 1.35 0.00	26.55 1.35 0.00	28.37 1.24 0.13	34.66 1.31 3.33	31.25 1.40 8.33	31.36 1.31 13.26	34.17 1.30 6.02	38.93 1.22 1.07	38.96 1.09 0.00	34.65 0.73 0.00
FREEPORT___CT2 23818	26.71 1.08 0.00	25.47 0.99 0.00	28.52 0.94 0.00	27.88 0.89 0.00	28.69 0.77 0.99	27.56 1.01 7.57	37.77 1.10 0.69	24.86 1.17 13.34	23.49 1.02 11.81	25.27 1.13 10.93	31.80 1.05 5.70	34.45 1.10 0.13	30.74 1.18 0.01	27.78 1.21 0.00	26.42 1.35 0.00	26.55 1.35 0.00	28.37 1.24 0.13	34.66 1.31 3.33	31.25 1.40 8.33	31.36 1.31 13.26	34.17 1.30 6.02	38.93 1.22 1.07	38.96 1.09 0.00	34.65 0.73 0.00
FRESHKLS_33_KV_LOAD 356253	26.74 1.10 -0.01	25.48 1.00 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.97 1.05 0.00	35.39 1.27 0.00	38.68 1.33 0.00	38.32 1.28 0.00	35.45 1.16 0.00	36.36 1.29 0.00	37.68 1.22 0.00	34.82 1.33 0.00	30.72 1.15 0.00	27.81 1.24 0.00	26.39 1.33 0.00	26.54 1.34 0.00	28.55 1.30 0.00	38.34 1.66 0.00	38.77 1.74 0.00	45.01 1.69 0.00	40.46 1.56 0.00	40.38 1.61 0.00	39.21 1.35 0.00	35.10 1.18 0.00
FULTON COGEN____ 23766	25.09 -0.54 0.00	23.96 -0.52 0.00	27.03 -0.54 0.00	26.45 -0.54 0.00	28.34 -0.57 0.00	33.50 -0.62 0.00	36.75 -0.61 0.00	36.52 -0.52 0.00	33.82 -0.47 0.00	34.65 -0.42 0.00	35.93 -0.53 0.00	32.95 -0.53 0.00	29.08 -0.48 0.00	26.22 -0.36 0.00	24.74 -0.33 0.00	24.92 -0.29 0.00	26.94 -0.32 0.00	36.23 -0.44 0.00	37.79 -0.40 0.00	42.83 -0.48 0.00	38.44 -0.46 0.00	38.26 -0.51 0.00	37.28 -0.59 0.00	33.37 -0.55 0.00
FULTON___LFGE 323630	27.11 1.48 0.00	25.86 1.38 0.00	29.10 1.52 0.00	28.50 1.51 0.00	30.56 1.65 0.00	36.15 2.03 0.00	39.77 2.41 0.00	39.55 2.52 0.00	36.18 1.88 0.00	36.48 1.41 0.00	38.11 1.66 0.00	35.08 1.60 0.00	30.62 1.06 0.00	27.59 1.02 0.00	25.78 0.71 0.00	25.96 0.75 0.00	28.27 1.01 0.00	38.76 2.09 0.00	40.94 2.76 0.00	46.42 3.11 0.00	41.67 2.77 0.00	41.39 2.62 0.00	40.33 2.46 0.00	36.07 2.15 0.00
G.F.CEMENT___DRP 24184	26.88 1.25 0.00	25.66 1.18 0.00	28.84 1.26 0.00	28.21 1.22 0.00	30.29 1.38 0.00	35.83 1.71 0.00	39.37 2.01 0.00	39.10 2.06 0.00	36.00 1.71 0.00	36.43 1.36 0.00	37.98 1.52 0.00	34.87 1.39 0.00	30.49 0.92 0.00	27.47 0.89 0.00	25.85 0.78 0.00	26.07 0.86 0.00	28.41 1.15 0.00	38.58 1.90 0.00	40.30 2.11 0.00	45.54 2.23 0.00	40.96 2.07 0.00	40.69 1.92 0.00	39.62 1.76 0.00	35.44 1.52 0.00
GARDENVILLE___LBMP 24039	24.63 -1.01 0.00	23.58 -0.90 0.00	26.78 -0.79 0.00	26.10 -0.89 0.00	28.02 -0.89 0.00	33.15 -0.96 0.00	36.13 -1.23 0.00	35.63 -1.03 0.37	33.27 -1.02 0.00	35.06 -0.01 0.00	36.44 -0.02 0.00	33.18 -0.30 0.00	29.63 0.07 0.00	26.86 0.29 0.00	25.30 0.23 0.00	25.30 0.10 0.00	27.24 -0.02 0.00	36.10 -0.58 0.00	37.66 -0.52 0.00	42.83 -0.48 0.00	38.45 -0.45 0.00	38.42 -0.35 0.00	37.45 -0.41 0.00	33.75 -0.17 0.00
GARDNVLA_35_KV_LD 355827	24.70 -0.93 0.00	23.66 -0.82 0.00	26.86 -0.72 0.00	26.17 -0.83 0.00	28.10 -0.81 0.00	33.25 -0.87 0.00	36.24 -1.12 0.00	35.78 -0.90 0.35	33.39 -0.90 0.00	35.22 0.15 0.00	36.61 0.15 0.00	33.33 -0.15 0.00	29.76 0.20 0.00	26.98 0.40 0.00	25.41 0.34 0.00	25.42 0.22 0.00	27.36 0.10 0.00	36.25 -0.43 0.00	37.81 -0.37 0.00	43.01 -0.30 0.00	38.60 -0.29 0.00	38.58 -0.20 0.00	37.60 -0.26 0.00	33.89 -0.03 0.00
GELCKHM___115KV_LOAD 80723	25.23 -0.40 0.00	24.10 -0.38 0.00	27.19 -0.39 0.00	26.59 -0.40 0.00	28.50 -0.41 0.00	33.69 -0.43 0.00	36.94 -0.42 0.00	36.71 -0.33 0.00	34.00 -0.29 0.00	34.86 -0.21 0.00	36.16 -0.30 0.00	33.15 -0.34 0.00	29.29 -0.27 0.00	26.38 -0.19 0.00	24.91 -0.15 0.00	25.06 -0.14 0.00	27.10 -0.16 0.00	36.43 -0.25 0.00	38.00 -0.18 0.00	43.05 -0.26 0.00	38.63 -0.27 0.00	38.47 -0.31 0.00	37.49 -0.38 0.00	33.57 -0.36 0.00
GENERAL___MILLS 23808	24.68 -0.95 0.00	23.63 -0.84 0.00	26.85 -0.73 0.00	26.15 -0.84 0.00	28.08 -0.84 0.00	33.22 -0.89 0.00	36.20 -1.16 0.00	35.73 -0.94 0.36	33.35 -0.94 0.00	35.16 0.09 0.00	36.55 0.09 0.00	33.28 -0.20 0.00	29.72 0.15 0.00	26.94 0.36 0.00	25.37 0.30 0.00	25.38 0.18 0.00	27.32 0.06 0.00	36.19 -0.49 0.00	37.76 -0.42 0.00	42.94 -0.37 0.00	38.56 -0.34 0.00	38.51 -0.26 0.00	37.55 -0.31 0.00	33.84 -0.08 0.00
GE_PLASTICS___DRP 24183	25.94 0.31 0.00	24.78 0.30 0.00	27.88 0.30 0.00	27.29 0.30 0.00	29.24 0.32 0.00	34.51 0.39 0.00	37.87 0.52 0.00	37.47 0.43 0.00	34.57 0.28 0.00	35.17 0.10 0.00	36.58 0.12 0.00	33.59 0.11 0.00	29.57 0.00 0.00	26.70 0.12 0.00	25.19 0.12 0.00	25.35 0.15 0.00	27.46 0.20 0.00	37.08 0.40 0.00	38.63 0.45 0.00	43.62 0.31 0.00	39.21 0.31 0.00	39.01 0.23 0.00	38.07 0.20 0.00	34.15 0.23 0.00
GILBOA___1 23756	25.96 0.33 0.00	24.88 0.41 0.00	28.10 0.52 0.00	27.51 0.52 0.00	29.41 0.49 0.00	34.52 0.41 0.00	37.84 0.48 0.00	37.42 0.38 0.00	34.58 0.29 0.00	35.37 0.29 0.00	36.76 0.30 0.00	33.78 0.29 0.00	29.82 0.26 0.00	26.93 0.35 0.00	25.45 0.38 0.00	25.60 0.40 0.00	27.66 0.40 0.00	37.12 0.44 0.00	38.62 0.44 0.00	43.66 0.35 0.00	39.29 0.39 0.00	39.11 0.33 0.00	38.20 0.33 0.00	34.22 0.30 0.00
GILBOA___2 23757	25.96 0.33 0.00	24.88 0.41 0.00	28.10 0.52 0.00	27.51 0.52 0.00	29.41 0.49 0.00	34.52 0.41 0.00	37.84 0.48 0.00	37.42 0.38 0.00	34.58 0.29 0.00	35.37 0.29 0.00	36.76 0.30 0.00	33.78 0.29 0.00	29.82 0.26 0.00	26.93 0.35 0.00	25.45 0.38 0.00	25.60 0.40 0.00	27.66 0.40 0.00	37.12 0.44 0.00	38.62 0.44 0.00	43.66 0.35 0.00	39.29 0.39 0.00	39.11 0.33 0.00	38.20 0.33 0.00	34.22 0.30 0.00



GILBOA___3 23758	25.96 0.33 0.00	24.88 0.41 0.00	28.10 0.52 0.00	27.51 0.52 0.00	29.41 0.49 0.00	34.52 0.41 0.00	37.84 0.48 0.00	37.42 0.38 0.00	34.58 0.29 0.00	35.37 0.29 0.00	36.76 0.30 0.00	33.78 0.29 0.00	29.82 0.26 0.00	26.93 0.35 0.00	25.45 0.38 0.00	25.60 0.40 0.00	27.66 0.40 0.00	37.12 0.44 0.00	38.62 0.44 0.00	43.66 0.35 0.00	39.29 0.39 0.00	39.11 0.33 0.00	38.20 0.33 0.00	34.22 0.30 0.00
GILBOA___4 23759	25.96 0.33 0.00	24.88 0.41 0.00	28.10 0.52 0.00	27.51 0.52 0.00	29.41 0.49 0.00	34.52 0.41 0.00	37.84 0.48 0.00	37.42 0.38 0.00	34.58 0.29 0.00	35.37 0.29 0.00	36.76 0.30 0.00	33.78 0.29 0.00	29.82 0.26 0.00	26.93 0.35 0.00	25.45 0.38 0.00	25.60 0.40 0.00	27.66 0.40 0.00	37.12 0.44 0.00	38.62 0.44 0.00	43.66 0.35 0.00	39.29 0.39 0.00	39.11 0.33 0.00	38.20 0.33 0.00	34.22 0.30 0.00
GILBOA___ 23599	25.96 0.33 0.00	24.88 0.41 0.00	28.10 0.53 0.00	27.51 0.52 0.00	29.41 0.49 0.00	34.52 0.40 0.00	37.84 0.48 0.00	37.42 0.38 0.00	34.58 0.29 0.00	35.36 0.29 0.00	36.76 0.30 0.00	33.78 0.29 0.00	29.82 0.26 0.00	26.93 0.35 0.00	25.45 0.38 0.00	25.60 0.40 0.00	27.66 0.40 0.00	37.12 0.44 0.00	38.62 0.44 0.00	43.65 0.34 0.00	39.29 0.40 0.00	39.11 0.33 0.00	38.20 0.33 0.00	34.22 0.31 0.00
GINNA___ 23603	24.90 -0.73 0.00	23.70 -0.78 0.00	26.71 -0.86 0.00	26.20 -0.79 0.00	28.13 -0.78 0.00	33.31 -0.80 0.00	36.44 -0.92 0.00	36.30 -0.74 0.00	33.72 -0.57 0.00	34.73 -0.33 0.00	36.06 -0.39 0.00	32.88 -0.60 0.00	29.21 -0.36 0.00	26.28 -0.29 0.00	24.79 -0.28 0.00	24.88 -0.32 0.00	26.84 -0.42 0.00	35.88 -0.80 0.00	37.44 -0.74 0.00	42.53 -0.78 0.00	38.11 -0.79 0.00	37.95 -0.82 0.00	36.94 -0.93 0.00	33.07 -0.85 0.00
GLEN PARK___ 23778	25.83 0.20 0.00	24.51 0.03 0.00	27.61 0.03 0.00	27.14 0.15 0.00	29.25 0.33 0.00	34.59 0.48 0.00	38.36 1.01 0.00	38.13 1.09 0.00	35.07 0.78 0.00	35.23 0.16 0.00	36.38 -0.07 0.00	33.99 0.50 0.00	30.05 0.49 0.00	26.82 0.24 0.00	25.28 0.21 0.00	25.43 0.23 0.00	27.28 0.02 0.00	37.44 0.76 0.00	39.95 1.77 0.00	45.20 1.89 0.00	40.46 1.56 0.00	40.60 1.83 0.00	39.67 1.81 0.00	35.47 1.56 0.00
GLENDALE_27_KV_LOAD 356172	26.86 1.22 -0.01	25.59 1.12 0.00	28.73 1.15 0.00	28.15 1.15 0.00	30.08 1.16 0.00	35.57 1.45 0.00	38.98 1.62 0.00	38.70 1.66 0.00	35.79 1.50 0.00	36.75 1.68 0.00	38.09 1.64 0.00	35.09 1.60 0.00	31.07 1.51 0.00	28.15 1.57 0.00	26.70 1.63 0.00	26.87 1.67 0.00	28.90 1.64 0.00	38.74 2.06 0.00	40.38 2.19 0.00	45.49 2.18 0.00	40.82 1.92 0.00	40.58 1.81 0.00	39.48 1.61 0.00	35.28 1.36 0.00
GLENWOOD_IC_1_G5 23712	26.71 1.08 0.00	25.48 1.00 0.00	28.54 0.96 0.00	27.91 0.91 0.00	29.06 0.82 0.67	30.04 1.03 5.11	38.10 1.20 0.46	29.29 1.27 9.02	27.42 1.11 7.99	28.91 1.23 7.39	33.78 1.17 3.85	34.61 1.21 0.09	30.81 1.26 0.00	27.88 1.30 0.00	26.50 1.43 0.00	26.64 1.44 0.00	28.52 1.35 0.09	36.13 1.65 2.20	34.97 1.75 4.96	37.10 1.69 7.90	36.76 1.48 3.62	39.37 1.32 0.72	38.99 1.13 0.00	34.73 0.82 0.00
GLENWOOD_IC_2_G1 23688	26.67 1.04 0.00	25.43 0.95 0.00	28.51 0.93 0.00	27.87 0.88 0.00	29.51 0.80 0.20	33.60 1.02 1.53	38.39 1.17 0.14	35.57 1.24 2.70	32.98 1.08 2.39	34.06 1.20 2.21	36.42 1.12 1.15	34.61 1.15 0.03	30.77 1.21 0.00	27.83 1.25 0.00	26.44 1.37 0.00	26.58 1.38 0.00	28.53 1.30 0.03	37.61 1.59 0.66	38.39 1.68 1.48	42.57 1.62 2.36	39.24 1.42 1.08	39.81 1.25 0.22	38.95 1.09 0.00	34.71 0.79 0.00
GLENWOOD_IC_3_G1 23689	26.67 1.04 0.00	25.43 0.95 0.00	28.51 0.93 0.00	27.87 0.88 0.00	29.51 0.80 0.20	33.60 1.02 1.53	38.39 1.17 0.14	35.57 1.24 2.70	32.98 1.08 2.39	34.06 1.20 2.21	36.42 1.12 1.15	34.61 1.15 0.03	30.77 1.21 0.00	27.83 1.25 0.00	26.44 1.37 0.00	26.58 1.38 0.00	28.53 1.30 0.03	37.61 1.59 0.66	38.39 1.68 1.48	42.57 1.62 2.36	39.24 1.42 1.08	39.81 1.25 0.22	38.95 1.09 0.00	34.71 0.79 0.00
GLENWOOD___4 23550	26.71 1.08 0.00	25.48 1.00 0.00	28.54 0.96 0.00	27.91 0.91 0.00	29.06 0.82 0.67	30.04 1.03 5.11	38.10 1.20 0.46	29.29 1.27 9.02	27.42 1.11 7.99	28.91 1.23 7.39	33.78 1.17 3.85	34.61 1.21 0.09	30.81 1.26 0.00	27.88 1.30 0.00	26.50 1.43 0.00	26.64 1.44 0.00	28.52 1.35 0.09	36.13 1.65 2.20	34.97 1.75 4.96	37.10 1.69 7.90	36.76 1.48 3.62	39.37 1.32 0.72	38.99 1.13 0.00	34.73 0.82 0.00
GLENWOOD___5 23614	26.71 1.08 0.00	25.48 1.00 0.00	28.54 0.96 0.00	27.91 0.91 0.00	29.06 0.82 0.67	30.04 1.03 5.11	38.10 1.20 0.46	29.29 1.27 9.02	27.42 1.11 7.99	28.91 1.23 7.39	33.78 1.17 3.85	34.61 1.21 0.09	30.81 1.26 0.00	27.88 1.30 0.00	26.50 1.43 0.00	26.64 1.44 0.00	28.52 1.35 0.09	36.13 1.65 2.20	34.97 1.75 4.96	37.10 1.69 7.90	36.76 1.48 3.62	39.37 1.32 0.72	38.99 1.13 0.00	34.73 0.82 0.00
GLOBAL GREEN_PORT_GT1 23814	26.36 0.73 0.00	25.13 0.65 0.00	27.99 0.41 0.00	27.35 0.36 0.00	27.34 0.14 1.72	21.11 0.32 13.33	36.52 0.50 1.34	14.62 0.64 23.05	14.31 0.44 20.42	16.71 0.53 18.89	27.02 0.41 9.85	34.02 0.76 0.22	30.69 1.13 0.01	27.82 1.24 0.00	26.61 1.54 0.00	26.82 1.62 0.00	28.73 1.69 0.22	33.49 2.34 5.53	29.54 2.77 11.41	27.94 2.79 18.16	32.74 2.22 8.37	38.68 1.76 1.85	39.39 1.53 0.00	34.89 0.98 0.01
GLOBE___DSASP 323697	23.90 -1.73 0.00	22.89 -1.59 0.00	25.92 -1.67 0.00	25.29 -1.70 0.00	27.18 -1.74 0.00	32.16 -1.96 0.00	34.77 -2.59 0.00	34.07 -2.51 0.45	31.98 -2.31 0.00	33.84 -1.23 0.00	35.34 -1.12 0.00	32.23 -1.26 0.00	28.78 -0.78 0.00	26.09 -0.48 0.00	24.55 -0.52 0.00	24.56 -0.64 0.00	26.42 -0.84 0.00	34.81 -1.87 0.00	36.22 -1.96 0.00	41.28 -2.03 0.00	37.05 -1.84 0.00	37.10 -1.67 0.00	36.23 -1.64 0.00	32.73 -1.19 0.00
GOETHSLN___LBMP 323567	26.56 0.93 0.00	25.33 0.85 0.00	28.44 0.86 0.00	27.86 0.87 0.00	29.80 0.88 0.00	35.22 1.11 0.00	38.60 1.24 0.00	38.30 1.26 0.00	35.35 1.06 0.00	36.27 1.20 0.00	37.57 1.11 0.00	34.60 1.12 0.00	30.67 1.11 0.00	27.78 1.21 0.00	26.35 1.28 0.00	26.52 1.32 0.00	28.53 1.27 0.00	38.24 1.57 0.00	39.85 1.67 0.00	44.91 1.60 0.00	40.32 1.42 0.00	40.08 1.30 0.00	39.01 1.14 0.00	34.87 0.95 0.00
GOLAH___69_KV_TB 1_2 80279	25.26 -0.38 0.00	24.11 -0.37 0.00	27.24 -0.34 0.00	26.64 -0.36 0.00	28.59 -0.32 0.00	33.86 -0.26 0.00	36.94 -0.42 0.00	36.73 -0.20 0.10	34.31 0.02 0.00	35.61 0.54 0.00	36.96 0.50 0.00	33.75 0.27 0.00	29.95 0.39 0.00	27.02 0.45 0.00	25.48 0.42 0.00	25.55 0.35 0.00	27.55 0.29 0.00	36.71 0.03 0.00	38.40 0.22 0.00	43.68 0.37 0.00	39.14 0.24 0.00	39.01 0.23 0.00	37.95 0.09 0.00	34.10 0.18 0.00



GOODYEAR_LAKE_HYD 323669	26.43 0.80 0.00	25.23 0.75 0.00	28.50 0.92 0.00	27.91 0.92 0.00	29.88 0.96 0.00	35.29 1.17 0.00	38.69 1.33 0.00	38.41 1.38 0.00	35.50 1.21 0.00	36.39 1.33 0.00	37.79 1.33 0.00	34.65 1.17 0.00	30.60 1.04 0.00	27.58 1.00 0.00	26.05 0.99 0.00	26.18 0.98 0.00	28.34 1.07 0.00	38.12 1.45 0.00	39.83 1.65 0.00	45.16 1.85 0.00	40.53 1.64 0.00	40.31 1.53 0.00	39.30 1.43 0.00	35.17 1.25 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.61 -0.02 0.00	24.49 0.02 0.00	27.77 0.19 0.00	27.11 0.12 0.00	29.03 0.12 0.00	34.26 0.15 0.00	37.48 0.12 0.00	37.38 0.26 -0.08	34.53 0.24 0.00	35.60 0.54 0.00	36.75 0.29 0.00	33.60 0.11 0.00	29.79 0.23 0.00	26.88 0.31 0.00	25.39 0.32 0.00	25.54 0.34 0.00	27.60 0.34 0.00	37.09 0.41 0.00	38.75 0.57 0.00	43.84 0.53 0.00	39.38 0.48 0.00	39.17 0.39 0.00	38.20 0.34 0.00	34.17 0.25 0.00
GOUDEY___7 23579	25.61 -0.02 0.00	24.49 0.02 0.00	27.77 0.19 0.00	27.11 0.12 0.00	29.03 0.12 0.00	34.26 0.15 0.00	37.48 0.12 0.00	37.38 0.26 -0.08	34.53 0.24 0.00	35.60 0.54 0.00	36.75 0.29 0.00	33.60 0.11 0.00	29.79 0.23 0.00	26.88 0.31 0.00	25.39 0.32 0.00	25.54 0.34 0.00	27.60 0.34 0.00	37.09 0.41 0.00	38.75 0.57 0.00	43.84 0.53 0.00	39.38 0.48 0.00	39.17 0.39 0.00	38.20 0.34 0.00	34.17 0.25 0.00
GOUDEY___8 23580	25.61 -0.02 0.00	24.49 0.02 0.00	27.77 0.19 0.00	27.11 0.12 0.00	29.03 0.12 0.00	34.26 0.15 0.00	37.48 0.12 0.00	37.38 0.26 -0.08	34.53 0.24 0.00	35.60 0.54 0.00	36.75 0.29 0.00	33.60 0.11 0.00	29.79 0.23 0.00	26.88 0.31 0.00	25.39 0.32 0.00	25.54 0.34 0.00	27.60 0.34 0.00	37.09 0.41 0.00	38.75 0.57 0.00	43.84 0.53 0.00	39.38 0.48 0.00	39.17 0.39 0.00	38.20 0.34 0.00	34.17 0.25 0.00
GOWANUS_GT1_1 24077	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT1_2 24078	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT1_3 24079	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT1_4 24080	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT1_5 24084	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT1_6 24111	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT1_7 24112	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT1_8 24113	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.98 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.59 1.52 0.00	37.94 1.49 0.00	34.97 1.48 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.60 1.92 0.00	40.23 2.04 0.00	45.32 2.01 0.00	40.71 1.82 0.00	40.52 1.74 0.00	39.37 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT2_1 24114	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
GOWANUS_GT2_2 24115	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
GOWANUS_GT2_3 24116	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00



GOWANUS_GT2_4 24117	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
GOWANUS_GT2_5 24118	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
GOWANUS_GT2_6 24119	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
GOWANUS_GT2_7 24120	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
GOWANUS_GT2_8 24121	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
GOWANUS_GT3_1 24122	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT3_2 24123	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT3_3 24124	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT3_4 24125	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT3_5 24126	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT3_6 24127	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT3_7 24128	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT3_8 24129	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
GOWANUS_GT4_1 24130	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GOWANUS_GT4_2 24131	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00



GOWANUS_GT4_3 24132	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GOWANUS_GT4_4 24133	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GOWANUS_GT4_5 24134	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GOWANUS_GT4_6 24135	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GOWANUS_GT4_7 24136	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GOWANUS_GT4_8 24137	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GREENBSH_115KV_TB3 55895	25.84 0.21 0.00	24.68 0.21 0.00	27.76 0.18 0.00	27.18 0.18 0.00	29.12 0.21 0.00	34.37 0.25 0.00	37.72 0.36 0.00	37.31 0.28 0.00	34.42 0.13 0.00	35.03 -0.04 0.00	36.43 -0.03 0.00	33.48 0.00 0.00	29.47 -0.09 0.00	26.62 0.04 0.00	25.11 0.05 0.00	25.27 0.07 0.00	27.37 0.11 0.00	36.94 0.27 0.00	38.47 0.29 0.00	43.42 0.11 0.00	39.04 0.15 0.00	38.83 0.05 0.00	37.90 0.04 0.00	34.02 0.10 0.00
GREENEDGE_115KV_TB5 80291	25.56 -0.07 0.00	24.42 -0.06 0.00	27.70 0.12 0.00	27.05 0.06 0.00	28.99 0.07 0.00	34.25 0.14 0.00	37.38 0.02 0.00	38.24 0.40 -0.81	34.92 0.63 0.00	35.86 0.79 0.00	37.15 0.69 0.00	33.84 0.36 0.00	29.89 0.32 0.00	27.04 0.46 0.00	25.51 0.44 0.00	25.69 0.49 0.00	27.82 0.56 0.00	37.14 0.46 0.00	39.10 0.91 0.00	44.31 1.00 0.00	39.69 0.80 0.00	39.44 0.66 0.00	38.59 0.73 0.00	34.57 0.65 0.00
GREENIDGE___3 23582	25.56 -0.07 0.00	24.42 -0.06 0.00	27.70 0.12 0.00	27.05 0.06 0.00	28.99 0.07 0.00	34.25 0.14 0.00	37.38 0.02 0.00	38.24 0.40 -0.81	34.92 0.63 0.00	35.86 0.79 0.00	37.15 0.69 0.00	33.84 0.36 0.00	29.89 0.32 0.00	27.04 0.46 0.00	25.51 0.44 0.00	25.69 0.49 0.00	27.82 0.56 0.00	37.14 0.46 0.00	39.10 0.91 0.00	44.31 1.00 0.00	39.69 0.80 0.00	39.44 0.66 0.00	38.59 0.73 0.00	34.57 0.65 0.00
GREENIDGE___4 23583	25.56 -0.07 0.00	24.42 -0.06 0.00	27.70 0.12 0.00	27.05 0.06 0.00	28.99 0.07 0.00	34.26 0.14 0.00	37.38 0.02 0.00	38.24 0.40 -0.81	34.92 0.63 0.00	35.85 0.79 0.00	37.14 0.69 0.00	33.84 0.36 0.00	29.88 0.32 0.00	27.04 0.46 0.00	25.52 0.45 0.00	25.69 0.49 0.00	27.82 0.56 0.00	37.14 0.46 0.00	39.10 0.91 0.00	44.30 0.99 0.00	39.69 0.79 0.00	39.45 0.68 0.00	38.59 0.72 0.00	34.57 0.64 0.00
GREENLWN_69_KV_BK 3 55738	26.55 0.93 0.00	25.35 0.87 0.00	28.35 0.77 0.00	27.62 0.63 0.00	27.58 0.21 1.54	22.23 0.04 11.94	36.48 0.30 1.19	16.54 0.20 20.70	16.03 0.06 18.33	18.34 0.23 16.96	27.85 0.24 8.84	33.90 0.62 0.20	30.50 0.95 0.01	27.62 1.05 0.00	26.32 1.25 0.00	26.33 1.13 0.00	27.94 0.88 0.20	32.24 0.55 4.98	28.45 0.70 10.44	27.15 0.46 16.62	31.63 0.39 7.65	37.57 0.46 1.66	38.17 0.30 0.00	33.99 0.08 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00
GRISSOM___SOLAR 323813	27.02 1.39 0.00	25.78 1.31 0.00	29.02 1.44 0.00	28.42 1.43 0.00	30.46 1.55 0.00	36.02 1.91 0.00	39.63 2.27 0.00	39.41 2.38 0.00	35.98 1.68 0.00	36.33 1.26 0.00	37.91 1.45 0.00	34.86 1.38 0.00	30.40 0.84 0.00	27.39 0.81 0.00	25.55 0.48 0.00	25.74 0.54 0.00	28.03 0.77 0.00	38.56 1.88 0.00	40.77 2.58 0.00	46.21 2.90 0.00	41.48 2.58 0.00	41.21 2.43 0.00	40.14 2.28 0.00	35.90 1.99 0.00
GROVEVILLE___HYD 323602	26.62 0.99 0.00	25.39 0.92 0.00	28.54 0.96 0.00	27.94 0.95 0.00	29.91 0.99 0.00	35.36 1.25 0.00	38.83 1.47 0.00	38.54 1.51 0.00	35.58 1.29 0.00	36.36 1.29 0.00	37.65 1.19 0.00	34.61 1.13 0.00	30.61 1.04 0.00	27.71 1.14 0.00	26.27 1.20 0.00	26.45 1.25 0.00	28.53 1.27 0.00	38.39 1.72 0.00	40.04 1.86 0.00	45.18 1.87 0.00	40.54 1.65 0.00	40.28 1.51 0.00	39.19 1.33 0.00	35.01 1.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.38 -0.25 0.00	24.23 -0.24 0.00	27.35 -0.23 0.00	26.75 -0.24 0.00	28.67 -0.25 0.00	33.88 -0.23 0.00	37.18 -0.18 0.00	36.96 -0.08 0.00	34.22 -0.08 0.00	35.09 0.01 0.00	36.36 -0.09 0.00	33.34 -0.14 0.00	29.45 -0.11 0.00	26.52 -0.06 0.00	25.06 -0.01 0.00	25.21 0.01 0.00	27.27 0.01 0.00	36.67 0.00 0.00	38.26 0.07 0.00	43.33 0.02 0.00	38.89 -0.01 0.00	38.71 -0.06 0.00	37.72 -0.14 0.00	33.77 -0.15 0.00



HAMLTNNY_34_KV_TB 80303	25.37 -0.26 0.00	24.23 -0.24 0.00	27.36 -0.22 0.00	26.75 -0.24 0.00	28.68 -0.24 0.00	33.91 -0.21 0.00	37.19 -0.17 0.00	36.96 -0.07 0.00	34.25 -0.04 0.00	35.14 0.07 0.00	36.42 -0.03 0.00	33.37 -0.11 0.00	29.46 -0.10 0.00	26.56 -0.01 0.00	25.09 0.02 0.00	25.26 0.06 0.00	27.32 0.06 0.00	36.71 0.03 0.00	38.29 0.11 0.00	43.37 0.06 0.00	38.90 0.01 0.00	38.74 -0.03 0.00	37.74 -0.12 0.00	33.79 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	25.87 0.24 0.00	24.53 0.05 0.00	27.61 0.03 0.00	27.10 0.11 0.00	29.23 0.31 0.00	34.33 0.21 0.00	37.83 0.47 0.00	37.14 0.10 0.00	34.29 0.00 0.00	34.77 -0.30 0.00	35.95 -0.51 0.00	33.70 0.22 0.00	30.18 0.62 0.00	26.73 0.15 0.00	25.07 0.00 0.00	25.24 0.04 0.00	27.41 0.15 0.00	36.90 0.23 0.00	39.17 0.99 0.00	44.39 1.08 0.00	40.16 1.27 0.00	40.82 2.05 0.00	39.96 2.09 0.00	35.73 1.81 0.00
HARDSCRABBLE_WT_PWR 323673	25.35 -0.28 0.00	24.26 -0.21 0.00	27.22 -0.36 0.00	26.69 -0.30 0.00	28.63 -0.29 0.00	33.87 -0.25 0.00	37.33 -0.03 0.00	36.97 -0.07 0.00	33.80 -0.50 0.00	34.12 -0.94 0.00	35.42 -1.04 0.00	32.54 -0.95 0.00	28.45 -1.11 0.00	25.89 -0.68 0.00	24.32 -0.75 0.00	24.37 -0.83 0.00	26.65 -0.61 0.00	36.41 -0.27 0.00	38.34 0.16 0.00	43.49 0.18 0.00	38.98 0.09 0.00	38.61 -0.16 0.00	37.61 -0.26 0.00	33.71 -0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.37 0.74 0.00	25.15 0.67 0.00	28.28 0.71 0.00	27.69 0.70 0.00	29.65 0.73 0.00	35.06 0.94 0.00	38.47 1.12 0.00	38.16 1.12 0.00	35.21 0.92 0.00	36.07 1.00 0.00	37.34 0.88 0.00	34.29 0.81 0.00	30.39 0.83 0.00	27.50 0.93 0.00	26.05 0.98 0.00	26.22 1.01 0.00	28.26 1.00 0.00	38.03 1.36 0.00	39.72 1.54 0.00	44.80 1.49 0.00	40.20 1.30 0.00	39.96 1.19 0.00	38.85 0.99 0.00	34.72 0.80 0.00
HARSNRAD_115KV_TB1 81005	24.38 -1.25 0.00	23.33 -1.15 0.00	26.43 -1.15 0.00	25.78 -1.21 0.00	27.61 -1.30 0.00	32.62 -1.49 0.00	35.21 -2.15 0.00	34.41 -2.06 0.56	32.46 -1.83 0.00	34.29 -0.78 0.00	35.72 -0.74 0.00	32.58 -0.90 0.00	29.07 -0.49 0.00	26.34 -0.24 0.00	24.81 -0.25 0.00	24.80 -0.41 0.00	26.67 -0.59 0.00	35.20 -1.47 0.00	36.71 -1.48 0.00	41.83 -1.48 0.00	37.55 -1.35 0.00	37.57 -1.20 0.00	36.63 -1.23 0.00	33.17 -0.75 0.00
HARZA MOOSE___RIVER 24016	25.92 0.30 0.00	24.66 0.18 0.00	27.81 0.23 0.00	27.25 0.26 0.00	29.32 0.40 0.00	34.67 0.55 0.00	38.28 0.92 0.00	37.97 0.93 0.00	35.07 0.78 0.00	35.61 0.54 0.00	36.82 0.36 0.00	34.09 0.61 0.00	30.17 0.60 0.00	26.94 0.37 0.00	25.42 0.35 0.00	25.55 0.35 0.00	27.69 0.43 0.00	37.60 0.92 0.00	39.63 1.45 0.00	44.80 1.48 0.00	40.16 1.27 0.00	40.18 1.41 0.00	39.32 1.45 0.00	35.19 1.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.25 -0.39 0.00	24.11 -0.37 0.00	27.21 -0.37 0.00	26.61 -0.38 0.00	28.52 -0.39 0.00	33.70 -0.41 0.00	36.97 -0.39 0.00	36.74 -0.30 0.00	34.04 -0.26 0.00	34.92 -0.15 0.00	36.21 -0.24 0.00	33.18 -0.30 0.00	29.33 -0.23 0.00	26.42 -0.15 0.00	24.94 -0.13 0.00	25.10 -0.10 0.00	27.13 -0.13 0.00	36.46 -0.22 0.00	38.04 -0.15 0.00	43.10 -0.21 0.00	38.67 -0.22 0.00	38.50 -0.27 0.00	37.51 -0.35 0.00	33.59 -0.34 0.00
HELLGATE_13_KV_LD 55870	26.78 1.14 -0.01	25.52 1.04 0.00	28.65 1.07 0.00	28.07 1.08 0.00	29.99 1.07 0.00	35.45 1.33 0.00	38.83 1.47 0.00	38.52 1.49 0.00	35.63 1.34 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.93 1.44 0.00	30.93 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.99 0.00	45.26 1.95 0.00	40.63 1.73 0.00	40.41 1.63 0.00	39.32 1.45 0.00	35.15 1.23 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.78 1.14 -0.01	25.52 1.04 0.00	28.65 1.07 0.00	28.07 1.08 0.00	29.99 1.07 0.00	35.45 1.33 0.00	38.83 1.47 0.00	38.52 1.49 0.00	35.63 1.34 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.93 1.44 0.00	30.93 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.99 0.00	45.26 1.95 0.00	40.63 1.73 0.00	40.41 1.63 0.00	39.32 1.45 0.00	35.15 1.23 0.00
HEMPSTEAD____ 23647	26.59 0.96 0.00	25.36 0.88 0.00	28.40 0.82 0.00	27.77 0.78 0.00	28.65 0.66 0.92	27.95 0.84 7.01	37.70 0.98 0.63	25.67 1.02 12.39	24.21 0.89 10.97	25.91 1.00 10.16	32.09 0.92 5.29	34.35 0.99 0.12	30.64 1.09 0.00	27.71 1.13 0.00	26.35 1.28 0.00	26.47 1.27 0.00	28.30 1.16 0.12	34.99 1.35 3.03	32.70 1.45 6.93	33.63 1.35 11.03	35.06 1.21 5.04	38.83 1.05 0.99	38.76 0.90 0.00	34.51 0.59 0.00
HEWLETT_69_KV_BK3 55828	26.80 1.17 0.00	25.55 1.08 0.00	28.65 1.07 0.00	28.01 1.02 0.00	29.65 0.97 0.24	33.57 1.26 1.80	38.60 1.40 0.16	35.33 1.48 3.19	32.77 1.30 2.82	33.89 1.43 2.61	36.45 1.36 1.36	34.79 1.34 0.03	30.91 1.35 0.00	27.97 1.40 0.00	26.58 1.51 0.00	26.73 1.53 0.00	28.71 1.48 0.03	37.80 1.89 0.76	38.62 1.97 1.53	42.81 1.94 2.44	39.45 1.68 1.13	40.08 1.56 0.26	39.24 1.38 0.00	34.95 1.03 0.00
HICKLING___1 23621	25.42 -0.21 0.00	24.33 -0.15 0.00	27.70 0.13 0.00	27.02 0.03 0.00	28.92 0.01 0.00	34.15 0.03 0.00	37.29 -0.07 0.00	37.59 0.20 -0.35	34.62 0.33 0.00	35.89 0.83 0.00	36.95 0.50 0.00	33.72 0.23 0.00	29.93 0.37 0.00	27.09 0.51 0.00	25.58 0.51 0.00	25.68 0.48 0.00	27.74 0.48 0.00	37.27 0.59 0.00	39.05 0.86 0.00	44.15 0.84 0.00	39.60 0.70 0.00	39.33 0.55 0.00	38.37 0.50 0.00	34.43 0.51 0.00
HICKLING___2 23622	25.42 -0.21 0.00	24.33 -0.15 0.00	27.70 0.13 0.00	27.02 0.03 0.00	28.92 0.01 0.00	34.15 0.03 0.00	37.29 -0.07 0.00	37.59 0.20 -0.35	34.62 0.33 0.00	35.89 0.83 0.00	36.95 0.50 0.00	33.72 0.23 0.00	29.93 0.37 0.00	27.09 0.51 0.00	25.58 0.51 0.00	25.68 0.48 0.00	27.74 0.48 0.00	37.27 0.59 0.00	39.05 0.86 0.00	44.15 0.84 0.00	39.60 0.70 0.00	39.33 0.55 0.00	38.37 0.50 0.00	34.43 0.51 0.00
HIGH FALLS___HY 23754	26.60 0.97 0.00	25.37 0.90 0.00	28.54 0.96 0.00	27.94 0.95 0.00	29.89 0.98 0.00	35.35 1.23 0.00	38.82 1.46 0.00	38.57 1.54 0.00	35.59 1.30 0.00	36.38 1.32 0.00	37.54 1.08 0.00	34.48 1.00 0.00	30.53 0.97 0.00	27.65 1.08 0.00	26.22 1.15 0.00	26.44 1.25 0.00	28.47 1.21 0.00	38.35 1.68 0.00	40.11 1.93 0.00	45.30 1.99 0.00	40.63 1.73 0.00	40.37 1.60 0.00	39.24 1.37 0.00	35.01 1.09 0.00
HIGH_RIVER___SOLAR 323847	26.53 0.90 0.00	25.33 0.86 0.00	28.52 0.94 0.00	27.93 0.94 0.00	29.93 1.02 0.00	35.33 1.22 0.00	38.81 1.45 0.00	38.48 1.45 0.00	35.29 0.99 0.00	35.63 0.56 0.00	37.28 0.82 0.00	34.20 0.71 0.00	29.88 0.32 0.00	26.83 0.26 0.00	25.32 0.25 0.00	25.44 0.23 0.00	27.82 0.56 0.00	37.91 1.24 0.00	39.78 1.60 0.00	45.03 1.72 0.00	40.45 1.56 0.00	40.23 1.45 0.00	39.23 1.36 0.00	35.11 1.19 0.00



HILLBURN___GT 23639	26.28 0.65 0.00	25.06 0.58 0.00	28.19 0.61 0.00	27.61 0.62 0.00	29.56 0.64 0.00	34.95 0.84 0.00	38.34 0.99 0.00	38.00 0.97 0.00	35.07 0.78 0.00	35.96 0.89 0.00	37.19 0.74 0.00	34.18 0.70 0.00	30.31 0.75 0.00	27.43 0.86 0.00	25.99 0.92 0.00	26.16 0.95 0.00	28.15 0.89 0.00	37.85 1.17 0.00	39.51 1.32 0.00	44.54 1.23 0.00	39.97 1.08 0.00	39.74 0.97 0.00	38.65 0.78 0.00	34.55 0.63 0.00
HILLSIDE_115KV_TB1 80332	25.34 -0.29 0.00	24.26 -0.22 0.00	27.60 0.02 0.00	26.92 -0.07 0.00	28.82 -0.09 0.00	34.00 -0.12 0.00	37.15 -0.21 0.00	37.35 0.03 -0.29	34.40 0.11 0.00	35.62 0.55 0.00	36.65 0.19 0.00	33.46 -0.02 0.00	29.72 0.15 0.00	26.87 0.30 0.00	25.37 0.30 0.00	25.50 0.30 0.00	27.54 0.28 0.00	36.98 0.30 0.00	38.71 0.53 0.00	43.76 0.45 0.00	39.29 0.39 0.00	39.05 0.27 0.00	38.11 0.24 0.00	34.12 0.20 0.00
HISHELDN_WT_PWR 323625	24.51 -1.12 0.00	23.49 -0.99 0.00	26.73 -0.85 0.00	26.05 -0.94 0.00	27.88 -1.03 0.00	32.94 -1.18 0.00	35.45 -1.91 0.00	32.65 -1.70 2.69	33.10 -1.19 0.00	34.88 -0.19 0.00	36.20 -0.26 0.00	32.96 -0.52 0.00	29.33 -0.23 0.00	26.64 0.07 0.00	25.14 0.07 0.00	25.10 -0.10 0.00	27.05 -0.21 0.00	35.96 -0.72 0.00	37.62 -0.56 0.00	42.68 -0.63 0.00	38.31 -0.58 0.00	38.25 -0.53 0.00	37.28 -0.58 0.00	33.65 -0.27 0.00
HOLTSVILLE_IC_1 23690	26.65 1.02 0.00	25.44 0.96 0.00	28.42 0.84 0.00	27.74 0.75 0.00	27.73 0.53 1.72	21.45 0.71 13.37	36.84 0.82 1.34	14.81 0.91 23.13	14.56 0.75 20.48	16.97 0.86 18.95	27.36 0.78 9.88	34.10 0.84 0.22	30.61 1.06 0.01	27.66 1.09 0.00	26.38 1.31 0.00	26.44 1.24 0.00	28.17 1.14 0.22	32.43 1.30 5.55	28.30 1.55 11.44	26.62 1.51 18.21	31.74 1.24 8.39	37.80 0.88 1.86	38.55 0.68 0.00	34.33 0.42 0.01
HOLTSVILLE_IC_10 23699	26.75 1.12 0.00	25.52 1.05 0.00	28.51 0.93 0.00	27.83 0.84 0.00	27.84 0.62 1.70	21.75 0.82 13.19	37.00 0.96 1.32	15.26 1.04 22.82	14.96 0.87 20.20	17.38 1.00 18.70	27.62 0.91 9.75	34.22 0.96 0.22	30.71 1.15 0.01	27.73 1.16 0.00	26.46 1.39 0.00	26.54 1.34 0.00	28.29 1.25 0.22	32.65 1.46 5.48	28.60 1.74 11.31	27.03 1.73 18.01	32.01 1.41 8.30	37.99 1.05 1.83	38.69 0.82 0.00	34.48 0.56 0.01
HOLTSVILLE_IC_2 23691	26.65 1.02 0.00	25.44 0.96 0.00	28.42 0.84 0.00	27.74 0.75 0.00	27.73 0.53 1.72	21.45 0.71 13.37	36.84 0.82 1.34	14.81 0.91 23.13	14.56 0.75 20.48	16.97 0.86 18.95	27.36 0.78 9.88	34.10 0.84 0.22	30.61 1.06 0.01	27.66 1.09 0.00	26.38 1.31 0.00	26.44 1.24 0.00	28.17 1.14 0.22	32.43 1.30 5.55	28.30 1.55 11.44	26.62 1.51 18.21	31.74 1.24 8.39	37.80 0.88 1.86	38.55 0.68 0.00	34.33 0.42 0.01
HOLTSVILLE_IC_3 23692	26.65 1.02 0.00	25.44 0.96 0.00	28.42 0.84 0.00	27.74 0.75 0.00	27.73 0.53 1.72	21.45 0.71 13.37	36.84 0.82 1.34	14.81 0.91 23.13	14.56 0.75 20.48	16.97 0.86 18.95	27.36 0.78 9.88	34.10 0.84 0.22	30.61 1.06 0.01	27.66 1.09 0.00	26.38 1.31 0.00	26.44 1.24 0.00	28.17 1.14 0.22	32.43 1.30 5.55	28.30 1.55 11.44	26.62 1.51 18.21	31.74 1.24 8.39	37.80 0.88 1.86	38.55 0.68 0.00	34.33 0.42 0.01
HOLTSVILLE_IC_4 23693	26.65 1.02 0.00	25.44 0.96 0.00	28.42 0.84 0.00	27.74 0.75 0.00	27.73 0.53 1.72	21.45 0.71 13.37	36.84 0.82 1.34	14.81 0.91 23.13	14.56 0.75 20.48	16.97 0.86 18.95	27.36 0.78 9.88	34.10 0.84 0.22	30.61 1.06 0.01	27.66 1.09 0.00	26.38 1.31 0.00	26.44 1.24 0.00	28.17 1.14 0.22	32.43 1.30 5.55	28.30 1.55 11.44	26.62 1.51 18.21	31.74 1.24 8.39	37.80 0.88 1.86	38.55 0.68 0.00	34.33 0.42 0.01
HOLTSVILLE_IC_5 23694	26.65 1.02 0.00	25.44 0.96 0.00	28.42 0.84 0.00	27.74 0.75 0.00	27.73 0.53 1.72	21.45 0.71 13.37	36.84 0.82 1.34	14.81 0.91 23.13	14.56 0.75 20.48	16.97 0.86 18.95	27.36 0.78 9.88	34.10 0.84 0.22	30.61 1.06 0.01	27.66 1.09 0.00	26.38 1.31 0.00	26.44 1.24 0.00	28.17 1.14 0.22	32.43 1.30 5.55	28.30 1.55 11.44	26.62 1.51 18.21	31.74 1.24 8.39	37.80 0.88 1.86	38.55 0.68 0.00	34.33 0.42 0.01
HOLTSVILLE_IC_6 23695	26.75 1.12 0.00	25.52 1.05 0.00	28.51 0.93 0.00	27.83 0.84 0.00	27.84 0.62 1.70	21.75 0.82 13.19	37.00 0.96 1.32	15.26 1.04 22.82	14.96 0.87 20.20	17.38 1.00 18.70	27.62 0.91 9.75	34.22 0.96 0.22	30.71 1.15 0.01	27.73 1.16 0.00	26.46 1.39 0.00	26.54 1.34 0.00	28.29 1.25 0.22	32.65 1.46 5.48	28.60 1.74 11.31	27.03 1.73 18.01	32.01 1.41 8.30	37.99 1.05 1.83	38.69 0.82 0.00	34.48 0.56 0.01
HOLTSVILLE_IC_7 23696	26.75 1.12 0.00	25.52 1.05 0.00	28.51 0.93 0.00	27.83 0.84 0.00	27.84 0.62 1.70	21.75 0.82 13.19	37.00 0.96 1.32	15.26 1.04 22.82	14.96 0.87 20.20	17.38 1.00 18.70	27.62 0.91 9.75	34.22 0.96 0.22	30.71 1.15 0.01	27.73 1.16 0.00	26.46 1.39 0.00	26.54 1.34 0.00	28.29 1.25 0.22	32.65 1.46 5.48	28.60 1.74 11.31	27.03 1.73 18.01	32.01 1.41 8.30	37.99 1.05 1.83	38.69 0.82 0.00	34.48 0.56 0.01
HOLTSVILLE_IC_8 23697	26.75 1.12 0.00	25.52 1.05 0.00	28.51 0.93 0.00	27.83 0.84 0.00	27.84 0.62 1.70	21.75 0.82 13.19	37.00 0.96 1.32	15.26 1.04 22.82	14.96 0.87 20.20	17.38 1.00 18.70	27.62 0.91 9.75	34.22 0.96 0.22	30.71 1.15 0.01	27.73 1.16 0.00	26.46 1.39 0.00	26.54 1.34 0.00	28.29 1.25 0.22	32.65 1.46 5.48	28.60 1.74 11.31	27.03 1.73 18.01	32.01 1.41 8.30	37.99 1.05 1.83	38.69 0.82 0.00	34.48 0.56 0.01
HOLTSVILLE_IC_9 23698	26.75 1.12 0.00	25.52 1.05 0.00	28.51 0.93 0.00	27.83 0.84 0.00	27.84 0.62 1.70	21.75 0.82 13.19	37.00 0.96 1.32	15.26 1.04 22.82	14.96 0.87 20.20	17.38 1.00 18.70	27.62 0.91 9.75	34.22 0.96 0.22	30.71 1.15 0.01	27.73 1.16 0.00	26.46 1.39 0.00	26.54 1.34 0.00	28.29 1.25 0.22	32.65 1.46 5.48	28.60 1.74 11.31	27.03 1.73 18.01	32.01 1.41 8.30	37.99 1.05 1.83	38.69 0.82 0.00	34.48 0.56 0.01
HOMER_HL_115KV_TB2 355744	25.25 -0.38 0.00	24.19 -0.28 0.00	27.55 -0.03 0.00	26.91 -0.08 0.00	28.86 -0.06 0.00	34.05 -0.06 0.00	37.15 -0.20 0.00	37.12 0.08 0.00	34.25 -0.04 0.00	36.01 0.94 0.00	37.16 0.70 0.00	33.71 0.22 0.00	30.20 0.63 0.00	27.45 0.88 0.00	25.77 0.70 0.00	25.81 0.61 0.00	27.83 0.57 0.00	37.14 0.46 0.00	38.83 0.65 0.00	43.94 0.63 0.00	39.44 0.55 0.00	39.31 0.54 0.00	38.27 0.41 0.00	34.31 0.39 0.00
HOWARD_WT_PWR 323690	24.60 -1.03 0.00	23.53 -0.95 0.00	26.95 -0.63 0.00	26.27 -0.72 0.00	28.04 -0.87 0.00	33.07 -1.05 0.00	35.98 -1.38 0.00	37.70 -1.03 -1.70	33.88 -0.41 0.00	35.03 -0.04 0.00	36.41 -0.05 0.00	33.09 -0.39 0.00	29.28 -0.28 0.00	26.66 0.08 0.00	25.21 0.14 0.00	25.21 0.01 0.00	27.28 0.02 0.00	36.57 -0.11 0.00	38.40 0.21 0.00	43.62 0.31 0.00	38.86 -0.04 0.00	38.63 -0.14 0.00	37.80 -0.07 0.00	34.17 0.25 0.00



HQ_GEN_CEDARS 23644	25.98 0.35 0.00	24.64 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.71 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.56 0.07 0.00	30.33 0.77 0.00	26.69 0.12 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
HQ_GEN_CEDARS_PROXY 323590	25.98 0.35 0.00	24.63 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.72 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.56 0.07 0.00	30.33 0.77 0.00	26.69 0.11 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
HQ_GEN_IMPORT 323601	25.79 0.16 0.00	24.60 0.13 0.00	27.71 0.13 0.00	27.13 0.14 0.00	29.07 0.15 0.00	34.27 0.15 0.00	37.43 0.07 0.00	37.09 0.06 0.00	34.93 0.12 -0.52	35.20 0.13 0.00	36.70 0.24 0.00	33.21 0.25 0.52	29.78 0.22 0.00	26.60 0.02 0.00	25.03 -0.05 0.00	25.14 -0.06 0.00	27.22 -0.04 0.00	36.64 -0.04 0.00	38.07 -0.11 0.00	43.35 0.04 0.00	38.93 0.03 0.00	38.92 0.14 0.00	38.09 0.22 0.00	34.14 0.22 0.00
HQ_GEN_WHEEL 23651	25.79 0.16 0.00	24.60 0.13 0.00	27.71 0.13 0.00	27.13 0.14 0.00	29.07 0.15 0.00	34.27 0.15 0.00	37.43 0.07 0.00	37.09 0.06 0.00	34.93 0.12 -0.52	35.20 0.13 0.00	36.70 0.24 0.00	33.21 0.25 0.52	29.78 0.22 0.00	26.60 0.02 0.00	25.03 -0.05 0.00	25.14 -0.06 0.00	27.22 -0.04 0.00	36.64 -0.04 0.00	38.07 -0.11 0.00	43.35 0.04 0.00	38.93 0.03 0.00	38.92 0.14 0.00	38.09 0.22 0.00	34.14 0.22 0.00
HUDSON AVE_GT_3 23810	26.71 1.08 0.00	25.47 0.99 0.00	28.59 1.01 0.00	28.00 1.01 0.00	29.95 1.03 0.00	35.41 1.29 0.00	38.82 1.46 0.00	38.54 1.51 0.00	35.62 1.33 0.00	36.54 1.47 0.00	37.87 1.41 0.00	34.86 1.38 0.00	30.90 1.33 0.00	27.99 1.42 0.00	26.56 1.49 0.00	26.73 1.53 0.00	28.76 1.50 0.00	38.55 1.87 0.00	40.16 1.98 0.00	45.24 1.93 0.00	40.60 1.70 0.00	40.36 1.59 0.00	39.27 1.41 0.00	35.09 1.16 0.00
HUDSON AVE_GT_4 23540	26.71 1.08 0.00	25.47 0.99 0.00	28.59 1.01 0.00	28.00 1.01 0.00	29.95 1.03 0.00	35.41 1.29 0.00	38.82 1.46 0.00	38.54 1.51 0.00	35.62 1.33 0.00	36.54 1.47 0.00	37.87 1.41 0.00	34.86 1.38 0.00	30.90 1.33 0.00	27.99 1.42 0.00	26.56 1.49 0.00	26.73 1.53 0.00	28.76 1.50 0.00	38.55 1.87 0.00	40.16 1.98 0.00	45.24 1.93 0.00	40.60 1.70 0.00	40.36 1.59 0.00	39.27 1.41 0.00	35.09 1.16 0.00
HUDSON AVE_GT_5 23657	26.71 1.08 0.00	25.47 0.99 0.00	28.59 1.01 0.00	28.00 1.01 0.00	29.95 1.03 0.00	35.41 1.29 0.00	38.82 1.46 0.00	38.54 1.51 0.00	35.62 1.33 0.00	36.54 1.47 0.00	37.87 1.41 0.00	34.86 1.38 0.00	30.90 1.33 0.00	27.99 1.42 0.00	26.56 1.49 0.00	26.73 1.53 0.00	28.76 1.50 0.00	38.55 1.87 0.00	40.16 1.98 0.00	45.24 1.93 0.00	40.60 1.70 0.00	40.36 1.59 0.00	39.27 1.41 0.00	35.09 1.16 0.00
HUDSON_AVE_10 24168	26.64 1.01 0.00	25.40 0.92 0.00	28.52 0.94 0.00	27.94 0.95 0.00	29.88 0.97 0.00	35.31 1.19 0.00	38.71 1.35 0.00	38.39 1.35 0.00	35.47 1.18 0.00	36.38 1.31 0.00	37.69 1.23 0.00	34.70 1.22 0.00	30.76 1.20 0.00	27.89 1.31 0.00	26.46 1.39 0.00	26.64 1.44 0.00	28.65 1.39 0.00	38.40 1.72 0.00	40.01 1.82 0.00	45.07 1.76 0.00	40.45 1.55 0.00	40.22 1.44 0.00	39.11 1.24 0.00	34.95 1.02 0.00
HUDSON___115KV_TB 4 355613	26.40 0.77 0.00	25.21 0.74 0.00	28.36 0.78 0.00	27.77 0.78 0.00	29.77 0.86 0.00	35.18 1.06 0.00	38.70 1.34 0.00	38.32 1.28 0.00	35.31 1.03 0.00	35.80 0.72 0.00	37.08 0.63 0.00	33.96 0.48 0.00	29.80 0.23 0.00	26.91 0.34 0.00	25.29 0.22 0.00	25.49 0.29 0.00	27.70 0.43 0.00	37.67 1.00 0.00	39.51 1.33 0.00	44.64 1.33 0.00	40.09 1.19 0.00	39.83 1.06 0.00	38.83 0.97 0.00	34.80 0.87 0.00
HUNTER MOUNT___DRP 323613	26.55 0.92 0.00	25.35 0.88 0.00	28.52 0.94 0.00	27.92 0.93 0.00	29.96 1.04 0.00	35.40 1.28 0.00	38.97 1.61 0.00	38.60 1.57 0.00	35.56 1.27 0.00	35.95 0.89 0.00	37.20 0.74 0.00	34.05 0.56 0.00	29.82 0.26 0.00	26.91 0.34 0.00	25.29 0.22 0.00	25.47 0.27 0.00	27.77 0.51 0.00	37.86 1.19 0.00	39.78 1.60 0.00	44.96 1.65 0.00	40.37 1.47 0.00	40.10 1.33 0.00	39.09 1.22 0.00	35.03 1.11 0.00
HUNTINGTON_RES_REC 323705	26.62 0.99 0.00	25.40 0.93 0.00	28.39 0.81 0.00	27.68 0.69 0.00	27.65 0.34 1.60	21.98 0.32 12.45	36.67 0.55 1.24	15.92 0.46 21.57	15.50 0.32 19.10	17.91 0.51 17.68	27.68 0.43 9.22	33.97 0.70 0.21	30.58 1.03 0.01	27.64 1.07 0.00	26.35 1.28 0.00	26.40 1.20 0.00	28.06 1.01 0.21	32.35 0.86 5.19	28.46 1.08 10.80	27.05 0.93 17.19	31.73 0.75 7.92	37.69 0.65 1.73	38.31 0.44 0.00	34.16 0.24 0.01
HUNTLEY___63 23557	24.57 -1.06 0.00	23.52 -0.96 0.00	26.65 -0.93 0.00	26.00 -1.00 0.00	27.90 -1.01 0.00	33.01 -1.11 0.00	35.80 -1.56 0.00	35.16 -1.45 0.43	32.97 -1.33 0.00	34.83 -0.24 0.00	36.28 -0.17 0.00	33.08 -0.40 0.00	29.53 -0.04 0.00	26.76 0.19 0.00	25.21 0.14 0.00	25.21 0.01 0.00	27.11 -0.15 0.00	35.82 -0.85 0.00	37.34 -0.84 0.00	42.55 -0.76 0.00	38.20 -0.70 0.00	38.18 -0.59 0.00	37.23 -0.63 0.00	33.62 -0.30 0.00
HUNTLEY___64 23558	24.57 -1.06 0.00	23.52 -0.96 0.00	26.65 -0.93 0.00	26.00 -1.00 0.00	27.90 -1.01 0.00	33.01 -1.11 0.00	35.80 -1.56 0.00	35.16 -1.45 0.43	32.97 -1.33 0.00	34.83 -0.24 0.00	36.28 -0.17 0.00	33.08 -0.40 0.00	29.53 -0.04 0.00	26.76 0.19 0.00	25.21 0.14 0.00	25.21 0.01 0.00	27.11 -0.15 0.00	35.82 -0.85 0.00	37.34 -0.84 0.00	42.55 -0.76 0.00	38.20 -0.70 0.00	38.18 -0.59 0.00	37.23 -0.63 0.00	33.62 -0.30 0.00
HUNTLEY___65 23559	24.57 -1.06 0.00	23.52 -0.96 0.00	26.65 -0.93 0.00	26.00 -1.00 0.00	27.90 -1.01 0.00	33.01 -1.11 0.00	35.80 -1.56 0.00	35.16 -1.45 0.43	32.97 -1.33 0.00	34.83 -0.24 0.00	36.28 -0.17 0.00	33.08 -0.40 0.00	29.53 -0.04 0.00	26.76 0.19 0.00	25.21 0.14 0.00	25.21 0.01 0.00	27.11 -0.15 0.00	35.82 -0.85 0.00	37.34 -0.84 0.00	42.55 -0.76 0.00	38.20 -0.70 0.00	38.18 -0.59 0.00	37.23 -0.63 0.00	33.62 -0.30 0.00
HUNTLEY___66 23560	24.57 -1.06 0.00	23.52 -0.96 0.00	26.65 -0.93 0.00	26.00 -1.00 0.00	27.90 -1.01 0.00	33.01 -1.11 0.00	35.80 -1.56 0.00	35.16 -1.45 0.43	32.97 -1.33 0.00	34.83 -0.24 0.00	36.28 -0.17 0.00	33.08 -0.40 0.00	29.53 -0.04 0.00	26.76 0.19 0.00	25.21 0.14 0.00	25.21 0.01 0.00	27.11 -0.15 0.00	35.82 -0.85 0.00	37.34 -0.84 0.00	42.55 -0.76 0.00	38.20 -0.70 0.00	38.18 -0.59 0.00	37.23 -0.63 0.00	33.62 -0.30 0.00



HUNTLEY___67 23561	24.37 -1.26 0.00	23.34 -1.14 0.00	26.46 -1.12 0.00	25.80 -1.19 0.00	27.72 -1.19 0.00	32.80 -1.32 0.00	35.61 -1.75 0.00	35.04 -1.58 0.41	32.79 -1.50 0.00	34.62 -0.45 0.00	36.05 -0.40 0.00	32.86 -0.63 0.00	29.34 -0.22 0.00	26.59 0.02 0.00	25.04 -0.04 0.00	25.04 -0.16 0.00	26.95 -0.31 0.00	35.64 -1.03 0.00	37.14 -1.05 0.00	42.28 -1.03 0.00	37.94 -0.96 0.00	37.93 -0.84 0.00	37.01 -0.86 0.00	33.39 -0.53 0.00
HUNTLEY___68 23562	24.37 -1.26 0.00	23.34 -1.14 0.00	26.46 -1.12 0.00	25.80 -1.19 0.00	27.72 -1.19 0.00	32.80 -1.32 0.00	35.61 -1.75 0.00	35.04 -1.58 0.41	32.79 -1.50 0.00	34.62 -0.45 0.00	36.05 -0.40 0.00	32.86 -0.63 0.00	29.34 -0.22 0.00	26.59 0.02 0.00	25.04 -0.04 0.00	25.04 -0.16 0.00	26.95 -0.31 0.00	35.64 -1.03 0.00	37.14 -1.05 0.00	42.28 -1.03 0.00	37.94 -0.96 0.00	37.93 -0.84 0.00	37.01 -0.86 0.00	33.39 -0.53 0.00
HYLAND___LFG 323620	25.93 0.30 0.00	24.71 0.24 0.00	28.05 0.47 0.00	27.39 0.40 0.00	29.21 0.30 0.00	34.13 0.01 0.00	37.13 -0.23 0.00	39.04 0.16 -1.84	34.66 0.37 0.00	35.40 0.33 0.00	36.34 -0.12 0.00	33.19 -0.30 0.00	29.08 -0.48 0.00	26.41 -0.16 0.00	24.85 -0.22 0.00	24.88 -0.32 0.00	26.95 -0.31 0.00	36.64 -0.04 0.00	39.06 0.87 0.00	44.55 1.24 0.00	39.87 0.97 0.00	39.55 0.78 0.00	38.45 0.58 0.00	35.18 1.26 0.00
INDECK___CORINTH 23802	26.47 0.84 0.00	25.27 0.79 0.00	28.40 0.82 0.00	27.79 0.80 0.00	29.83 0.92 0.00	35.26 1.14 0.00	38.77 1.41 0.00	38.49 1.46 0.00	35.45 1.16 0.00	35.88 0.81 0.00	37.40 0.95 0.00	34.34 0.86 0.00	30.04 0.48 0.00	27.06 0.48 0.00	25.47 0.40 0.00	25.68 0.48 0.00	27.97 0.72 0.00	37.99 1.32 0.00	39.69 1.51 0.00	44.86 1.55 0.00	40.33 1.44 0.00	40.06 1.29 0.00	39.01 1.15 0.00	34.89 0.97 0.00
INDECK___ILION 23567	25.58 -0.05 0.00	24.45 -0.02 0.00	27.52 -0.06 0.00	26.94 -0.05 0.00	28.86 -0.05 0.00	34.11 -0.01 0.00	37.48 0.12 0.00	37.16 0.13 0.00	34.18 -0.11 0.00	34.73 -0.34 0.00	36.10 -0.36 0.00	33.14 -0.34 0.00	29.13 -0.43 0.00	26.32 -0.25 0.00	24.79 -0.28 0.00	24.92 -0.28 0.00	27.10 -0.16 0.00	36.75 0.07 0.00	38.44 0.25 0.00	43.54 0.23 0.00	39.07 0.17 0.00	38.81 0.04 0.00	37.83 -0.03 0.00	33.86 -0.06 0.00
INDECK___OLEAN 23982	25.26 -0.38 0.00	24.19 -0.29 0.00	27.55 -0.03 0.00	26.91 -0.08 0.00	28.86 -0.06 0.00	34.05 -0.07 0.00	37.15 -0.20 0.00	37.11 0.08 0.00	34.24 -0.05 0.00	35.99 0.92 0.00	37.16 0.70 0.00	33.70 0.22 0.00	30.17 0.60 0.00	27.45 0.88 0.00	25.79 0.72 0.00	25.80 0.60 0.00	27.83 0.57 0.00	37.12 0.44 0.00	38.83 0.65 0.00	43.93 0.62 0.00	39.44 0.54 0.00	39.32 0.54 0.00	38.27 0.41 0.00	34.31 0.39 0.00
INDECK___OSWEGO 23783	24.96 -0.67 0.00	23.83 -0.65 0.00	26.87 -0.71 0.00	26.29 -0.70 0.00	28.19 -0.73 0.00	33.30 -0.82 0.00	36.54 -0.82 0.00	36.27 -0.77 0.00	33.59 -0.70 0.00	34.39 -0.68 0.00	35.67 -0.79 0.00	32.74 -0.74 0.00	28.92 -0.65 0.00	26.04 -0.53 0.00	24.59 -0.48 0.00	24.74 -0.46 0.00	26.74 -0.52 0.00	35.98 -0.70 0.00	37.56 -0.63 0.00	42.56 -0.75 0.00	38.19 -0.70 0.00	38.06 -0.71 0.00	37.11 -0.76 0.00	33.23 -0.69 0.00
INDECK___YERKES 23781	24.60 -1.03 0.00	23.55 -0.93 0.00	26.68 -0.90 0.00	26.02 -0.97 0.00	27.93 -0.98 0.00	33.05 -1.07 0.00	35.84 -1.52 0.00	35.18 -1.43 0.43	32.99 -1.30 0.00	34.84 -0.23 0.00	36.33 -0.13 0.00	33.12 -0.36 0.00	29.52 -0.04 0.00	26.79 0.22 0.00	25.26 0.19 0.00	25.25 0.04 0.00	27.14 -0.12 0.00	35.85 -0.83 0.00	37.38 -0.80 0.00	42.59 -0.71 0.00	38.23 -0.66 0.00	38.23 -0.54 0.00	37.27 -0.59 0.00	33.66 -0.27 0.00
INDIAN POINT_GT_1 24139	26.40 0.77 0.00	25.19 0.71 0.00	28.30 0.72 0.00	27.72 0.72 0.00	29.65 0.73 0.00	35.05 0.93 0.00	38.43 1.07 0.00	38.13 1.10 0.00	35.21 0.92 0.00	36.07 1.00 0.00	37.36 0.90 0.00	34.37 0.89 0.00	30.43 0.87 0.00	27.55 0.97 0.00	26.12 1.05 0.00	26.28 1.08 0.00	28.29 1.03 0.00	38.00 1.32 0.00	39.62 1.44 0.00	44.66 1.35 0.00	40.09 1.19 0.00	39.86 1.08 0.00	38.78 0.92 0.00	34.66 0.74 0.00
INDIAN POINT_GT_2 23659	26.40 0.77 0.00	25.19 0.71 0.00	28.30 0.72 0.00	27.72 0.72 0.00	29.65 0.73 0.00	35.05 0.93 0.00	38.43 1.07 0.00	38.13 1.10 0.00	35.21 0.92 0.00	36.07 1.00 0.00	37.36 0.90 0.00	34.37 0.89 0.00	30.43 0.87 0.00	27.55 0.97 0.00	26.12 1.05 0.00	26.28 1.08 0.00	28.29 1.03 0.00	38.00 1.32 0.00	39.62 1.44 0.00	44.66 1.35 0.00	40.09 1.19 0.00	39.86 1.08 0.00	38.78 0.92 0.00	34.66 0.74 0.00
INDIAN POINT_GT_3 24019	26.40 0.77 0.00	25.19 0.71 0.00	28.30 0.72 0.00	27.72 0.72 0.00	29.65 0.73 0.00	35.05 0.93 0.00	38.43 1.07 0.00	38.13 1.10 0.00	35.21 0.92 0.00	36.07 1.00 0.00	37.36 0.90 0.00	34.37 0.89 0.00	30.43 0.87 0.00	27.55 0.97 0.00	26.12 1.05 0.00	26.28 1.08 0.00	28.29 1.03 0.00	38.00 1.32 0.00	39.62 1.44 0.00	44.66 1.35 0.00	40.09 1.19 0.00	39.86 1.08 0.00	38.78 0.92 0.00	34.66 0.74 0.00
INDIAN POINT___2 23530	26.33 0.70 0.00	25.11 0.64 0.00	28.23 0.65 0.00	27.65 0.65 0.00	29.58 0.67 0.00	34.97 0.85 0.00	38.36 1.00 0.00	38.04 1.00 0.00	35.11 0.82 0.00	35.99 0.92 0.00	37.25 0.79 0.00	34.25 0.77 0.00	30.36 0.80 0.00	27.47 0.90 0.00	26.04 0.97 0.00	26.21 1.00 0.00	28.20 0.94 0.00	37.89 1.22 0.00	39.52 1.34 0.00	44.55 1.24 0.00	39.99 1.09 0.00	39.77 0.99 0.00	38.69 0.82 0.00	34.59 0.67 0.00
INDIAN POINT___3 23531	26.47 0.85 0.00	25.26 0.78 0.00	28.37 0.79 0.00	27.78 0.79 0.00	29.71 0.80 0.00	35.12 1.00 0.00	38.51 1.15 0.00	38.22 1.18 0.00	35.30 1.01 0.00	36.16 1.09 0.00	37.47 1.02 0.00	34.48 1.00 0.00	30.52 0.96 0.00	27.64 1.07 0.00	26.20 1.13 0.00	26.37 1.17 0.00	28.39 1.13 0.00	38.12 1.44 0.00	39.72 1.54 0.00	44.77 1.46 0.00	40.19 1.29 0.00	39.94 1.17 0.00	38.88 1.02 0.00	34.76 0.84 0.00
INGHAM_C_115KV_TB7 356103	25.35 -0.29 0.00	24.25 -0.22 0.00	27.25 -0.33 0.00	26.69 -0.30 0.00	28.61 -0.31 0.00	33.86 -0.25 0.00	37.36 0.00 0.00	37.02 -0.01 0.00	33.77 -0.52 0.00	33.99 -1.08 0.00	35.31 -1.15 0.00	32.43 -1.05 0.00	28.30 -1.26 0.00	25.73 -0.84 0.00	24.16 -0.91 0.00	24.28 -0.92 0.00	26.61 -0.65 0.00	36.48 -0.20 0.00	38.37 0.19 0.00	43.46 0.15 0.00	38.95 0.06 0.00	38.57 -0.20 0.00	37.52 -0.34 0.00	33.56 -0.36 0.00
IP CORINTH___1 23988	26.61 0.98 0.00	25.40 0.92 0.00	28.55 0.97 0.00	27.93 0.94 0.00	29.99 1.07 0.00	35.44 1.33 0.00	38.96 1.60 0.00	38.69 1.66 0.00	35.64 1.35 0.00	36.07 1.00 0.00	37.61 1.15 0.00	34.53 1.05 0.00	30.20 0.64 0.00	27.21 0.64 0.00	25.61 0.54 0.00	25.83 0.62 0.00	28.13 0.87 0.00	38.20 1.53 0.00	39.90 1.72 0.00	45.10 1.79 0.00	40.55 1.66 0.00	40.29 1.52 0.00	39.23 1.36 0.00	35.08 1.16 0.00



IP__TICONDEROGA 23804	28.55 2.92 0.00	27.26 2.78 0.00	30.51 2.93 0.00	29.84 2.84 0.00	32.16 3.24 0.00	38.19 4.07 0.00	41.85 4.49 0.00	41.70 4.67 0.00	38.44 4.15 0.00	38.53 3.46 0.00	40.26 3.80 0.00	37.12 3.64 0.00	32.22 2.65 0.00	28.99 2.42 0.00	27.21 2.14 0.00	27.60 2.40 0.00	30.25 2.99 0.00	41.01 4.33 0.00	42.95 4.76 0.00	48.63 5.32 0.00	43.82 4.93 0.00	43.48 4.71 0.00	42.24 4.38 0.00	37.70 3.78 0.00
ISLIP_RES_REC 323679	26.83 1.20 0.00	25.60 1.12 0.00	28.58 1.00 0.00	27.90 0.91 0.00	27.93 0.71 1.69	21.94 0.94 13.11	37.16 1.11 1.31	15.54 1.19 22.69	15.21 1.01 20.09	17.61 1.14 18.60	27.81 1.04 9.69	34.32 1.06 0.22	30.80 1.25 0.01	27.81 1.24 0.00	26.54 1.48 0.00	26.63 1.43 0.00	28.41 1.37 0.22	32.85 1.62 5.45	28.85 1.93 11.27	27.32 1.95 17.94	32.22 1.59 8.27	38.16 1.21 1.82	38.83 0.96 0.00	34.58 0.67 0.01
JAMAICA__27_KV_LOAD 355505	26.84 1.21 0.00	25.62 1.15 0.00	28.75 1.17 0.00	28.19 1.20 0.00	30.16 1.25 0.00	35.56 1.45 0.00	39.03 1.67 0.00	38.68 1.65 0.00	35.72 1.43 0.00	36.60 1.54 0.00	37.90 1.44 0.00	34.87 1.39 0.00	30.95 1.38 0.00	28.11 1.53 0.00	26.66 1.59 0.00	26.86 1.66 0.00	28.87 1.61 0.00	38.66 1.99 0.00	40.30 2.12 0.00	45.39 2.08 0.00	40.75 1.86 0.00	40.54 1.77 0.00	39.39 1.52 0.00	35.19 1.27 0.00
JANIS__SOLAR 323808	26.57 0.94 0.00	25.30 0.83 0.00	28.75 1.17 0.00	28.01 1.02 0.00	30.04 1.12 0.00	35.59 1.48 0.00	39.13 1.77 0.00	39.10 1.90 -0.16	35.97 1.67 0.00	36.81 1.74 0.00	37.68 1.23 0.00	34.43 0.95 0.00	30.27 0.71 0.00	27.17 0.60 0.00	25.76 0.69 0.00	26.13 0.93 0.00	28.49 1.23 0.00	38.55 1.87 0.00	40.57 2.39 0.00	46.09 2.78 0.00	41.28 2.38 0.00	41.05 2.27 0.00	39.94 2.08 0.00	35.66 1.74 0.00
JARVIS____ 23743	25.63 0.00 0.00	24.49 0.01 0.00	27.59 0.01 0.00	27.00 0.01 0.00	28.92 0.01 0.00	34.15 0.03 0.00	37.42 0.06 0.00	37.09 0.05 0.00	34.31 0.02 0.00	35.05 -0.02 0.00	36.42 -0.04 0.00	33.45 -0.03 0.00	29.53 -0.04 0.00	26.57 -0.01 0.00	25.08 0.01 0.00	25.21 0.01 0.00	27.29 0.03 0.00	36.71 0.03 0.00	38.26 0.07 0.00	43.34 0.03 0.00	38.93 0.04 0.00	38.78 0.00 0.00	37.87 0.00 0.00	33.92 0.00 0.00
JENNISON__1 23625	26.45 0.82 0.00	24.99 0.51 0.00	28.67 1.09 0.00	27.80 0.81 0.00	29.86 0.95 0.00	35.52 1.40 0.00	38.71 1.35 0.00	38.46 1.33 -0.09	35.46 1.17 0.00	36.39 1.32 0.00	37.48 1.02 0.00	34.12 0.64 0.00	30.04 0.47 0.00	27.06 0.48 0.00	25.62 0.55 0.00	25.81 0.61 0.00	28.13 0.87 0.00	38.09 1.41 0.00	39.95 1.77 0.00	45.58 2.28 0.00	40.77 1.87 0.00	40.71 1.93 0.00	39.74 1.88 0.00	35.54 1.62 0.00
JENNISON__2 23626	26.45 0.82 0.00	24.99 0.51 0.00	28.67 1.09 0.00	27.80 0.81 0.00	29.86 0.95 0.00	35.52 1.40 0.00	38.71 1.35 0.00	38.46 1.33 -0.09	35.46 1.17 0.00	36.39 1.32 0.00	37.48 1.02 0.00	34.12 0.64 0.00	30.04 0.47 0.00	27.06 0.48 0.00	25.62 0.55 0.00	25.81 0.61 0.00	28.13 0.87 0.00	38.09 1.41 0.00	39.95 1.77 0.00	45.58 2.28 0.00	40.77 1.87 0.00	40.71 1.93 0.00	39.74 1.88 0.00	35.54 1.62 0.00
JERICHO_RISE_WT_PWR 323719	25.57 -0.06 0.00	24.34 -0.14 0.00	27.29 -0.29 0.00	26.70 -0.29 0.00	28.66 -0.25 0.00	33.62 -0.49 0.00	36.53 -0.84 0.00	36.18 -0.86 0.00	33.71 -0.58 0.00	34.59 -0.48 0.00	36.45 0.00 0.00	33.75 0.26 0.00	29.71 0.15 0.00	26.04 -0.54 0.00	24.30 -0.77 0.00	24.50 -0.71 0.00	26.68 -0.58 0.00	35.99 -0.69 0.00	37.55 -0.64 0.00	42.60 -0.71 0.00	38.27 -0.63 0.00	38.59 -0.19 0.00	38.15 0.29 0.00	34.30 0.38 0.00
KATONAH__115KV_46KV_TB4 355592	26.67 1.03 0.00	25.44 0.96 0.00	28.58 1.00 0.00	27.98 0.99 0.00	29.93 1.01 0.00	35.42 1.31 0.00	38.88 1.52 0.00	38.62 1.58 0.00	35.66 1.37 0.00	36.49 1.42 0.00	37.82 1.36 0.00	34.63 1.15 0.00	30.75 1.19 0.00	27.85 1.27 0.00	26.41 1.34 0.00	26.58 1.38 0.00	28.64 1.38 0.00	38.48 1.80 0.00	40.14 1.96 0.00	45.27 1.96 0.00	40.61 1.72 0.00	40.35 1.57 0.00	39.25 1.39 0.00	35.05 1.13 0.00
KCE_NY_1 323755	26.62 0.99 0.00	25.44 0.96 0.00	28.63 1.05 0.00	27.99 1.00 0.00	30.02 1.11 0.00	35.48 1.37 0.00	38.95 1.59 0.00	38.64 1.60 0.00	35.57 1.28 0.00	36.11 1.04 0.00	37.64 1.18 0.00	34.56 1.08 0.00	30.31 0.75 0.00	27.35 0.78 0.00	25.73 0.66 0.00	25.91 0.71 0.00	28.23 0.97 0.00	38.27 1.59 0.00	39.87 1.69 0.00	45.00 1.69 0.00	40.45 1.56 0.00	40.22 1.45 0.00	39.21 1.34 0.00	35.13 1.21 0.00
KCE_NY_6_ESR 323823	24.69 -0.94 0.00	23.64 -0.84 0.00	26.84 -0.74 0.00	26.13 -0.86 0.00	28.08 -0.83 0.00	33.22 -0.90 0.00	36.20 -1.16 0.00	35.76 -0.93 0.36	33.36 -0.93 0.00	35.17 0.10 0.00	36.58 0.12 0.00	33.30 -0.18 0.00	29.69 0.13 0.00	26.93 0.36 0.00	25.40 0.33 0.00	25.38 0.18 0.00	27.33 0.07 0.00	36.19 -0.48 0.00	37.77 -0.42 0.00	42.96 -0.35 0.00	38.58 -0.32 0.00	38.55 -0.23 0.00	37.57 -0.30 0.00	33.85 -0.07 0.00
KEDC_PORT_JEFF_GT2 24210	26.74 1.11 0.00	25.51 1.04 0.00	28.50 0.92 0.00	27.81 0.82 0.00	27.82 0.60 1.69	21.73 0.77 13.15	36.96 0.92 1.32	15.00 0.72 22.75	14.75 0.61 20.15	17.38 0.96 18.65	27.61 0.87 9.72	34.20 0.94 0.22	30.70 1.15 0.01	27.74 1.17 0.00	26.46 1.39 0.00	26.53 1.33 0.00	28.26 1.22 0.22	32.38 1.17 5.46	28.33 1.43 11.28	26.71 1.37 17.97	31.72 1.10 8.28	37.72 0.78 1.83	38.43 0.57 0.00	34.45 0.54 0.01
KEDC_PORT_JEFF_GT3 24211	26.74 1.11 0.00	25.51 1.04 0.00	28.50 0.92 0.00	27.81 0.82 0.00	27.82 0.60 1.69	21.73 0.77 13.15	36.96 0.92 1.32	15.00 0.72 22.75	14.75 0.61 20.15	17.38 0.96 18.65	27.61 0.87 9.72	34.20 0.94 0.22	30.70 1.15 0.01	27.74 1.17 0.00	26.46 1.39 0.00	26.53 1.33 0.00	28.26 1.22 0.22	32.38 1.17 5.46	28.33 1.43 11.28	26.71 1.37 17.97	31.72 1.10 8.28	37.72 0.78 1.83	38.43 0.57 0.00	34.45 0.54 0.01
KEDC_GLWD_GT4 24219	26.71 1.08 0.00	25.48 1.00 0.00	28.54 0.96 0.00	27.91 0.91 0.00	29.06 0.82 0.67	30.04 1.03 5.11	38.10 1.20 0.46	29.29 1.27 9.02	27.42 1.11 7.99	28.92 1.24 7.39	33.77 1.17 3.85	34.61 1.21 0.09	30.83 1.28 0.00	27.88 1.30 0.00	26.50 1.43 0.00	26.64 1.44 0.00	28.52 1.35 0.09	36.13 1.66 2.20	34.96 1.74 4.96	37.10 1.69 7.90	36.76 1.48 3.62	39.36 1.31 0.72	38.99 1.13 0.00	34.73 0.81 0.00
KEDC_GLWD_GT5 24220	26.71 1.08 0.00	25.48 1.00 0.00	28.54 0.96 0.00	27.91 0.91 0.00	29.06 0.82 0.67	30.04 1.03 5.11	38.10 1.20 0.46	29.29 1.27 9.02	27.42 1.11 7.99	28.92 1.24 7.39	33.77 1.17 3.85	34.61 1.21 0.09	30.83 1.28 0.00	27.88 1.30 0.00	26.50 1.43 0.00	26.64 1.44 0.00	28.52 1.35 0.09	36.13 1.66 2.20	34.96 1.74 4.96	37.10 1.69 7.90	36.76 1.48 3.62	39.36 1.31 0.72	38.99 1.13 0.00	34.73 0.81 0.00



KENSICO____ 23655	26.51 0.88 0.00	25.29 0.81 0.00	28.40 0.82 0.00	27.81 0.81 0.00	29.74 0.83 0.00	35.16 1.04 0.00	38.55 1.19 0.00	38.27 1.23 0.00	35.34 1.05 0.00	36.22 1.15 0.00	37.53 1.07 0.00	34.53 1.05 0.00	30.57 1.01 0.00	27.68 1.11 0.00	26.25 1.18 0.00	26.42 1.22 0.00	28.44 1.18 0.00	38.17 1.50 0.00	39.78 1.60 0.00	44.84 1.53 0.00	40.24 1.35 0.00	40.00 1.23 0.00	38.94 1.07 0.00	34.80 0.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.61 0.98 0.00	25.39 0.92 0.00	28.56 0.98 0.00	27.96 0.97 0.00	29.92 1.01 0.00	35.38 1.27 0.00	38.86 1.50 0.00	38.61 1.58 0.00	35.61 1.32 0.00	36.35 1.29 0.00	37.55 1.09 0.00	34.47 0.99 0.00	30.50 0.94 0.00	27.61 1.03 0.00	26.15 1.08 0.00	26.35 1.15 0.00	28.42 1.16 0.00	38.33 1.66 0.00	40.12 1.94 0.00	45.31 2.00 0.00	40.66 1.76 0.00	40.39 1.62 0.00	39.26 1.40 0.00	35.05 1.13 0.00
KIAC_JFK_GT1 23816	26.69 1.06 0.00	25.49 1.01 0.00	28.60 1.02 0.00	28.05 1.06 0.00	29.96 1.05 0.00	35.22 1.10 0.00	38.64 1.28 0.00	38.27 1.23 0.00	35.35 1.06 0.00	36.23 1.15 0.00	37.50 1.04 0.00	34.52 1.04 0.00	30.64 1.07 0.00	27.82 1.24 0.00	26.39 1.32 0.00	26.59 1.39 0.00	28.58 1.32 0.00	38.26 1.59 0.00	39.88 1.70 0.00	44.92 1.61 0.00	40.33 1.43 0.00	40.12 1.34 0.00	38.97 1.11 0.00	34.83 0.91 0.00
KIAC_JFK_GT2 23817	26.69 1.06 0.00	25.49 1.01 0.00	28.60 1.02 0.00	28.05 1.06 0.00	29.96 1.05 0.00	35.22 1.10 0.00	38.64 1.28 0.00	38.27 1.23 0.00	35.35 1.06 0.00	36.23 1.15 0.00	37.50 1.04 0.00	34.52 1.04 0.00	30.64 1.07 0.00	27.82 1.24 0.00	26.39 1.32 0.00	26.59 1.39 0.00	28.58 1.32 0.00	38.26 1.59 0.00	39.88 1.70 0.00	44.92 1.61 0.00	40.33 1.43 0.00	40.12 1.34 0.00	38.97 1.11 0.00	34.83 0.91 0.00
KIAC_JFK____ 323774	26.69 1.06 0.00	25.49 1.01 0.00	28.60 1.02 0.00	28.05 1.06 0.00	29.96 1.05 0.00	35.22 1.10 0.00	38.64 1.27 0.00	38.26 1.23 0.00	35.35 1.06 0.00	36.23 1.16 0.00	37.51 1.05 0.00	34.52 1.04 0.00	30.65 1.09 0.00	27.82 1.24 0.00	26.38 1.32 0.00	26.59 1.39 0.00	28.58 1.32 0.00	38.27 1.60 0.00	39.88 1.70 0.00	44.92 1.61 0.00	40.33 1.43 0.00	40.11 1.34 0.00	38.97 1.11 0.00	34.83 0.91 0.00
KINTIGH____ 23543	24.49 -1.14 0.00	23.41 -1.06 0.00	26.50 -1.08 0.00	25.89 -1.10 0.00	27.81 -1.11 0.00	32.89 -1.23 0.00	35.73 -1.63 0.00	35.20 -1.52 0.31	32.80 -1.49 0.00	34.50 -0.57 0.00	35.94 -0.52 0.00	32.76 -0.72 0.00	29.21 -0.35 0.00	26.46 -0.11 0.00	24.92 -0.15 0.00	24.96 -0.24 0.00	26.90 -0.36 0.00	35.67 -1.01 0.00	37.17 -1.01 0.00	42.27 -1.04 0.00	37.91 -0.98 0.00	37.89 -0.88 0.00	36.94 -0.92 0.00	33.28 -0.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.72 0.09 0.00	24.44 -0.03 0.00	27.39 -0.19 0.00	26.75 -0.24 0.00	28.75 -0.17 0.00	33.67 -0.45 0.00	36.45 -0.91 0.00	36.24 -0.79 0.00	33.73 -0.56 0.00	34.74 -0.33 0.00	36.74 0.28 0.00	34.19 0.70 0.00	29.99 0.43 0.00	26.21 -0.36 0.00	24.38 -0.69 0.00	24.69 -0.51 0.00	26.94 -0.32 0.00	36.25 -0.43 0.00	37.85 -0.33 0.00	42.83 -0.48 0.00	38.47 -0.42 0.00	38.76 -0.02 0.00	38.57 0.71 0.00	34.72 0.80 0.00
LACHUTE__HYDRO 323717	28.55 2.92 0.00	27.25 2.78 0.00	30.51 2.93 0.00	29.84 2.85 0.00	32.16 3.24 0.00	38.19 4.07 0.00	41.85 4.49 0.00	41.70 4.67 0.00	38.44 4.15 0.00	38.53 3.46 0.00	40.26 3.80 0.00	37.12 3.64 0.00	32.21 2.65 0.00	28.99 2.42 0.00	27.21 2.14 0.00	27.60 2.40 0.00	30.25 2.99 0.00	41.01 4.33 0.00	42.94 4.76 0.00	48.63 5.32 0.00	43.82 4.93 0.00	43.48 4.71 0.00	42.24 4.37 0.00	37.70 3.78 0.00
LAWRNCALV_115KV_TB1 80681	25.98 0.35 0.00	24.64 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.71 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.56 0.08 0.00	30.33 0.77 0.00	26.69 0.12 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
LEDERLE____ 23769	26.36 0.72 0.00	25.13 0.65 0.00	28.26 0.68 0.00	27.69 0.70 0.00	29.64 0.72 0.00	35.05 0.93 0.00	38.45 1.09 0.00	38.11 1.08 0.00	35.15 0.86 0.00	36.04 0.97 0.00	37.27 0.81 0.00	34.25 0.77 0.00	30.38 0.82 0.00	27.50 0.92 0.00	26.06 0.99 0.00	26.23 1.03 0.00	28.23 0.97 0.00	37.95 1.27 0.00	39.61 1.43 0.00	44.65 1.34 0.00	40.07 1.17 0.00	39.85 1.08 0.00	38.74 0.87 0.00	34.63 0.71 0.00
LIGHTHSE_115KV_TB6 355974	25.27 -0.36 0.00	24.07 -0.41 0.00	27.12 -0.46 0.00	26.58 -0.41 0.00	28.54 -0.38 0.00	33.73 -0.39 0.00	37.13 -0.23 0.00	36.85 -0.19 0.00	34.07 -0.22 0.00	34.75 -0.32 0.00	35.97 -0.49 0.00	33.19 -0.29 0.00	29.31 -0.25 0.00	26.33 -0.24 0.00	24.86 -0.21 0.00	25.00 -0.20 0.00	26.99 -0.27 0.00	36.47 -0.20 0.00	38.32 0.14 0.00	43.38 0.07 0.00	38.91 0.02 0.00	38.94 0.17 0.00	37.98 0.11 0.00	34.00 0.08 0.00
LINDEN COGEN____ 23786	26.55 0.92 0.00	25.32 0.84 0.00	28.42 0.85 0.00	27.85 0.86 0.00	29.79 0.88 0.00	35.20 1.09 0.00	38.58 1.22 0.00	38.28 1.25 0.00	35.34 1.05 0.00	36.24 1.17 0.00	37.55 1.09 0.00	34.59 1.10 0.00	30.67 1.11 0.00	27.78 1.20 0.00	26.33 1.27 0.00	26.51 1.31 0.00	28.52 1.26 0.00	38.23 1.56 0.00	39.84 1.66 0.00	44.89 1.58 0.00	40.29 1.39 0.00	40.05 1.28 0.00	38.98 1.11 0.00	34.86 0.93 0.00
LINDHRST_69_KV_BK1 356055	26.88 1.25 0.00	25.65 1.18 0.00	28.70 1.12 0.00	28.01 1.02 0.00	28.26 0.82 1.48	23.70 1.01 11.42	37.44 1.20 1.12	18.44 1.26 19.85	17.81 1.10 17.57	19.98 1.18 16.26	29.10 1.12 8.48	34.44 1.15 0.19	30.84 1.29 0.01	27.86 1.28 0.00	26.54 1.47 0.00	26.64 1.44 0.00	28.40 1.34 0.19	33.46 1.58 4.79	29.75 1.79 10.22	28.80 1.77 16.27	32.95 1.54 7.48	38.47 1.29 1.60	38.98 1.11 0.00	34.67 0.76 0.01
LIPA_MISC_IPP 23656	26.66 1.03 0.00	25.44 0.97 0.00	28.40 0.82 0.00	27.73 0.74 0.00	27.73 0.53 1.72	21.50 0.72 13.34	36.86 0.83 1.34	14.91 0.95 23.08	14.63 0.78 20.44	17.00 0.84 18.91	27.34 0.74 9.86	34.07 0.81 0.22	30.56 1.01 0.01	27.64 1.07 0.00	26.38 1.31 0.00	26.45 1.25 0.00	28.22 1.18 0.22	32.56 1.42 5.54	28.49 1.73 11.42	26.84 1.70 18.17	31.90 1.38 8.38	37.94 1.02 1.86	38.67 0.80 0.00	34.41 0.50 0.01
LISF__SOLAR 323691	26.70 1.07 0.00	25.49 1.01 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.79 0.58 1.71	21.60 0.79 13.31	36.94 0.92 1.34	15.06 1.04 23.02	14.76 0.86 20.38	17.10 0.89 18.86	27.39 0.77 9.83	34.09 0.84 0.22	30.60 1.05 0.01	27.66 1.09 0.00	26.39 1.33 0.00	26.47 1.27 0.00	28.26 1.22 0.22	32.67 1.52 5.52	28.62 1.84 11.39	27.00 1.84 18.14	32.03 1.49 8.36	38.03 1.11 1.85	38.76 0.90 0.00	34.48 0.57 0.01



LITTLE FALLS___HYD 24013	25.35 -0.29 0.00	24.25 -0.22 0.00	27.25 -0.33 0.00	26.69 -0.30 0.00	28.61 -0.31 0.00	33.86 -0.25 0.00	37.36 0.00 0.00	37.02 -0.01 0.00	33.77 -0.52 0.00	33.99 -1.08 0.00	35.31 -1.15 0.00	32.43 -1.05 0.00	28.30 -1.26 0.00	25.73 -0.84 0.00	24.16 -0.91 0.00	24.28 -0.92 0.00	26.61 -0.65 0.00	36.48 -0.20 0.00	38.37 0.19 0.00	43.46 0.15 0.00	38.95 0.06 0.00	38.57 -0.20 0.00	37.52 -0.34 0.00	33.56 -0.36 0.00
LITTLRIV_115KV_TB1 356100	26.47 0.84 0.00	25.10 0.62 0.00	28.19 0.62 0.00	27.70 0.71 0.00	29.90 0.99 0.00	34.94 0.82 0.00	38.43 1.07 0.00	37.42 0.39 0.00	34.45 0.16 0.00	34.81 -0.26 0.00	35.96 -0.50 0.00	34.05 0.56 0.00	30.84 1.27 0.00	27.12 0.54 0.00	25.28 0.21 0.00	25.48 0.28 0.00	27.81 0.55 0.00	36.91 0.23 0.00	39.57 1.39 0.00	45.07 1.76 0.00	41.11 2.21 0.00	42.15 3.37 0.00	41.13 3.26 0.00	36.71 2.79 0.00
LI_NEWBRDGE___DRP 323616	26.53 0.90 0.00	25.31 0.83 0.00	28.37 0.79 0.00	27.73 0.74 0.00	27.61 0.64 1.94	19.82 0.82 15.12	36.77 0.95 1.54	11.99 1.02 26.07	12.09 0.88 23.08	14.69 0.98 21.36	26.21 0.89 11.14	34.17 0.93 0.25	30.56 1.01 0.01	27.66 1.08 0.00	26.29 1.22 0.00	26.41 1.21 0.00	28.12 1.12 0.25	31.79 1.34 6.23	27.09 1.42 12.51	24.71 1.31 19.91	30.85 1.15 9.20	37.66 0.97 2.10	38.67 0.80 0.00	34.47 0.55 0.01
LOCKPORT_115KV_TB60_63_64 80432	24.41 -1.22 0.00	23.36 -1.12 0.00	26.45 -1.13 0.00	25.81 -1.18 0.00	27.67 -1.24 0.00	32.71 -1.41 0.00	35.36 -2.00 0.00	34.65 -1.91 0.47	32.57 -1.72 0.00	34.38 -0.69 0.00	35.80 -0.65 0.00	32.68 -0.81 0.00	29.14 -0.42 0.00	26.40 -0.18 0.00	24.87 -0.20 0.00	24.86 -0.34 0.00	26.73 -0.52 0.00	35.29 -1.39 0.00	36.80 -1.38 0.00	41.96 -1.35 0.00	37.67 -1.23 0.00	37.68 -1.09 0.00	36.73 -1.13 0.00	33.24 -0.68 0.00
LOCKPORT___CC1 323769	24.39 -1.24 0.00	23.33 -1.15 0.00	26.43 -1.15 0.00	25.78 -1.21 0.00	27.62 -1.29 0.00	32.62 -1.49 0.00	35.20 -2.16 0.00	34.41 -2.07 0.56	32.46 -1.84 0.00	34.27 -0.80 0.00	35.72 -0.74 0.00	32.58 -0.90 0.00	29.04 -0.52 0.00	26.34 -0.24 0.00	24.83 -0.24 0.00	24.79 -0.41 0.00	26.66 -0.60 0.00	35.18 -1.49 0.00	36.69 -1.49 0.00	41.83 -1.48 0.00	37.55 -1.35 0.00	37.58 -1.20 0.00	36.63 -1.23 0.00	33.17 -0.76 0.00
LOCKPORT___CC2 323770	24.39 -1.24 0.00	23.33 -1.15 0.00	26.43 -1.15 0.00	25.78 -1.21 0.00	27.62 -1.29 0.00	32.62 -1.49 0.00	35.20 -2.16 0.00	34.41 -2.07 0.56	32.46 -1.84 0.00	34.27 -0.80 0.00	35.72 -0.74 0.00	32.58 -0.90 0.00	29.04 -0.52 0.00	26.34 -0.24 0.00	24.83 -0.24 0.00	24.79 -0.41 0.00	26.66 -0.60 0.00	35.18 -1.49 0.00	36.69 -1.49 0.00	41.83 -1.48 0.00	37.55 -1.35 0.00	37.58 -1.20 0.00	36.63 -1.23 0.00	33.17 -0.76 0.00
LOCKPORT___CC3 323771	24.39 -1.24 0.00	23.33 -1.15 0.00	26.43 -1.15 0.00	25.78 -1.21 0.00	27.62 -1.29 0.00	32.62 -1.49 0.00	35.20 -2.16 0.00	34.41 -2.07 0.56	32.46 -1.84 0.00	34.27 -0.80 0.00	35.72 -0.74 0.00	32.58 -0.90 0.00	29.04 -0.52 0.00	26.34 -0.24 0.00	24.83 -0.24 0.00	24.79 -0.41 0.00	26.66 -0.60 0.00	35.18 -1.49 0.00	36.69 -1.49 0.00	41.83 -1.48 0.00	37.55 -1.35 0.00	37.58 -1.20 0.00	36.63 -1.23 0.00	33.17 -0.76 0.00
LONG_LAKE_PHOENIX 24014	25.09 -0.54 0.00	23.96 -0.52 0.00	27.03 -0.54 0.00	26.45 -0.54 0.00	28.34 -0.57 0.00	33.50 -0.62 0.00	36.75 -0.61 0.00	36.52 -0.52 0.00	33.82 -0.47 0.00	34.65 -0.42 0.00	35.93 -0.53 0.00	32.95 -0.53 0.00	29.08 -0.48 0.00	26.22 -0.36 0.00	24.74 -0.33 0.00	24.92 -0.29 0.00	26.94 -0.32 0.00	36.23 -0.44 0.00	37.79 -0.40 0.00	42.83 -0.48 0.00	38.44 -0.46 0.00	38.26 -0.51 0.00	37.28 -0.59 0.00	33.37 -0.55 0.00
LOVETT___3 23632	26.22 0.59 0.00	25.00 0.53 0.00	28.13 0.54 0.00	27.55 0.56 0.00	29.49 0.58 0.00	34.87 0.75 0.00	38.23 0.87 0.00	37.87 0.83 0.00	34.92 0.63 0.00	35.80 0.73 0.00	37.02 0.56 0.00	34.04 0.56 0.00	30.19 0.62 0.00	27.33 0.75 0.00	25.90 0.83 0.00	26.05 0.85 0.00	28.03 0.76 0.00	37.67 0.99 0.00	39.31 1.13 0.00	44.33 1.02 0.00	39.79 0.89 0.00	39.57 0.80 0.00	38.49 0.62 0.00	34.42 0.50 0.00
LOVETT___4 23642	26.22 0.59 0.00	25.00 0.53 0.00	28.13 0.54 0.00	27.55 0.56 0.00	29.49 0.58 0.00	34.87 0.75 0.00	38.23 0.87 0.00	37.87 0.83 0.00	34.92 0.63 0.00	35.80 0.73 0.00	37.02 0.56 0.00	34.04 0.56 0.00	30.19 0.62 0.00	27.33 0.75 0.00	25.90 0.83 0.00	26.05 0.85 0.00	28.03 0.76 0.00	37.67 0.99 0.00	39.31 1.13 0.00	44.33 1.02 0.00	39.79 0.89 0.00	39.57 0.80 0.00	38.49 0.62 0.00	34.42 0.50 0.00
LOVETT___5 23593	26.22 0.59 0.00	25.00 0.53 0.00	28.13 0.54 0.00	27.55 0.56 0.00	29.49 0.58 0.00	34.87 0.75 0.00	38.23 0.87 0.00	37.87 0.83 0.00	34.92 0.63 0.00	35.80 0.73 0.00	37.02 0.56 0.00	34.04 0.56 0.00	30.19 0.62 0.00	27.33 0.75 0.00	25.90 0.83 0.00	26.05 0.85 0.00	28.03 0.76 0.00	37.67 0.99 0.00	39.31 1.13 0.00	44.33 1.02 0.00	39.79 0.89 0.00	39.57 0.80 0.00	38.49 0.62 0.00	34.42 0.50 0.00
LOWER RAQUET___HYD 24057	25.98 0.35 0.00	24.63 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.72 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.55 0.07 0.00	30.33 0.77 0.00	26.69 0.11 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
LOWER___HUDSON 24059	26.30 0.67 0.00	25.12 0.64 0.00	28.26 0.68 0.00	27.66 0.67 0.00	29.65 0.73 0.00	34.99 0.87 0.00	38.35 0.99 0.00	37.96 0.92 0.00	35.01 0.72 0.00	35.60 0.53 0.00	37.07 0.62 0.00	34.07 0.59 0.00	29.96 0.40 0.00	27.04 0.46 0.00	25.49 0.42 0.00	25.63 0.43 0.00	27.81 0.55 0.00	37.52 0.84 0.00	39.08 0.90 0.00	44.12 0.81 0.00	39.68 0.78 0.00	39.51 0.74 0.00	38.59 0.72 0.00	34.61 0.69 0.00
LOWVILLE_115KV_TB2 356335	25.80 0.17 0.00	24.47 0.00 0.00	27.61 0.03 0.00	27.09 0.10 0.00	29.19 0.28 0.00	34.52 0.40 0.00	38.20 0.84 0.00	37.87 0.83 0.00	34.97 0.68 0.00	35.37 0.30 0.00	36.47 0.01 0.00	33.99 0.51 0.00	30.13 0.57 0.00	26.84 0.26 0.00	25.31 0.24 0.00	25.46 0.26 0.00	27.60 0.33 0.00	37.60 0.92 0.00	39.77 1.59 0.00	44.90 1.59 0.00	40.23 1.33 0.00	40.39 1.62 0.00	39.60 1.73 0.00	35.46 1.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.63 1.00 0.00	25.44 0.96 0.00	28.62 1.04 0.00	28.00 1.01 0.00	30.03 1.12 0.00	35.47 1.36 0.00	38.96 1.60 0.00	38.61 1.58 0.00	35.57 1.28 0.00	36.09 1.02 0.00	37.63 1.17 0.00	34.54 1.06 0.00	30.31 0.75 0.00	27.33 0.76 0.00	25.74 0.67 0.00	25.92 0.72 0.00	28.20 0.94 0.00	38.21 1.53 0.00	39.85 1.67 0.00	45.01 1.70 0.00	40.45 1.56 0.00	40.23 1.46 0.00	39.22 1.35 0.00	35.12 1.20 0.00



LUTHERNY_35_KV_BK2 355980	26.62 0.99 0.00	25.44 0.96 0.00	28.63 1.05 0.00	27.99 0.99 0.00	30.02 1.11 0.00	35.48 1.37 0.00	38.95 1.59 0.00	38.64 1.60 0.00	35.57 1.28 0.00	36.11 1.04 0.00	37.64 1.18 0.00	34.56 1.08 0.00	30.31 0.75 0.00	27.35 0.78 0.00	25.73 0.66 0.00	25.91 0.71 0.00	28.23 0.97 0.00	38.27 1.59 0.00	39.87 1.69 0.00	45.00 1.69 0.00	40.45 1.56 0.00	40.22 1.45 0.00	39.21 1.34 0.00	35.13 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	25.87 0.24 0.00	24.52 0.05 0.00	27.61 0.03 0.00	27.10 0.11 0.00	29.23 0.31 0.00	34.33 0.21 0.00	37.83 0.47 0.00	37.14 0.10 0.00	34.29 0.00 0.00	34.77 -0.30 0.00	35.95 -0.51 0.00	33.70 0.22 0.00	30.19 0.62 0.00	26.73 0.15 0.00	25.07 0.00 0.00	25.24 0.04 0.00	27.41 0.15 0.00	36.90 0.23 0.00	39.17 0.99 0.00	44.39 1.08 0.00	40.16 1.27 0.00	40.82 2.05 0.00	39.96 2.09 0.00	35.73 1.81 0.00
LYONS_FALL_HYD 23570	25.93 0.30 0.00	24.66 0.18 0.00	27.81 0.23 0.00	27.25 0.26 0.00	29.32 0.40 0.00	34.67 0.56 0.00	38.28 0.92 0.00	37.97 0.93 0.00	35.07 0.78 0.00	35.61 0.54 0.00	36.82 0.36 0.00	34.09 0.61 0.00	30.17 0.61 0.00	26.94 0.37 0.00	25.41 0.34 0.00	25.55 0.35 0.00	27.69 0.43 0.00	37.59 0.92 0.00	39.63 1.45 0.00	44.79 1.49 0.00	40.16 1.27 0.00	40.18 1.41 0.00	39.31 1.45 0.00	35.19 1.26 0.00
MADISON___COUNTY_LFGE 323628	26.12 0.49 0.00	24.93 0.45 0.00	28.13 0.55 0.00	27.50 0.51 0.00	29.50 0.59 0.00	34.98 0.87 0.00	38.51 1.15 0.00	38.28 1.24 0.00	35.38 1.09 0.00	36.10 1.03 0.00	37.40 0.94 0.00	34.31 0.83 0.00	30.25 0.69 0.00	27.03 0.45 0.00	25.47 0.41 0.00	25.62 0.42 0.00	27.79 0.53 0.00	37.52 0.84 0.00	39.57 1.39 0.00	44.81 1.50 0.00	40.19 1.29 0.00	40.00 1.22 0.00	39.00 1.13 0.00	34.86 0.94 0.00
MALONE___115KV_TB1 356076	25.94 0.31 0.00	24.68 0.20 0.00	27.67 0.09 0.00	27.10 0.11 0.00	29.12 0.21 0.00	34.15 0.03 0.00	37.22 -0.14 0.00	36.74 -0.30 0.00	34.17 -0.13 0.00	35.03 -0.04 0.00	36.75 0.29 0.00	34.16 0.68 0.00	30.26 0.70 0.00	26.53 -0.04 0.00	24.76 -0.31 0.00	24.96 -0.24 0.00	27.18 -0.08 0.00	36.56 -0.12 0.00	38.34 0.16 0.00	43.51 0.20 0.00	39.23 0.33 0.00	39.75 0.97 0.00	39.14 1.27 0.00	35.12 1.20 0.00
MAPLEWOD_115KV_TB3 80458	26.19 0.56 0.00	25.00 0.52 0.00	28.12 0.54 0.00	27.52 0.54 0.00	29.50 0.58 0.00	34.83 0.71 0.00	38.22 0.86 0.00	37.84 0.80 0.00	34.90 0.62 0.00	35.49 0.42 0.00	36.97 0.51 0.00	33.95 0.47 0.00	29.85 0.29 0.00	26.95 0.38 0.00	25.42 0.35 0.00	25.57 0.37 0.00	27.73 0.48 0.00	37.46 0.78 0.00	39.03 0.84 0.00	44.05 0.74 0.00	39.60 0.70 0.00	39.38 0.60 0.00	38.44 0.57 0.00	34.47 0.54 0.00
MAPLE_RIDGE_WT_1 323574	25.42 -0.21 0.00	24.24 -0.23 0.00	27.30 -0.28 0.00	26.68 -0.31 0.00	28.57 -0.34 0.00	33.71 -0.41 0.00	36.87 -0.49 0.00	36.59 -0.45 0.00	34.06 -0.23 0.00	34.78 -0.29 0.00	36.20 -0.25 0.00	33.40 -0.08 0.00	29.51 -0.06 0.00	26.25 -0.33 0.00	24.66 -0.41 0.00	24.77 -0.43 0.00	26.90 -0.35 0.00	36.37 -0.31 0.00	37.92 -0.27 0.00	42.98 -0.33 0.00	38.49 -0.41 0.00	38.50 -0.27 0.00	37.85 -0.02 0.00	33.96 0.04 0.00
MAPLE_RIDGE_WT_2 323611	25.42 -0.21 0.00	24.24 -0.23 0.00	27.30 -0.28 0.00	26.68 -0.31 0.00	28.57 -0.34 0.00	33.71 -0.41 0.00	36.87 -0.49 0.00	36.59 -0.45 0.00	34.06 -0.23 0.00	34.78 -0.29 0.00	36.20 -0.25 0.00	33.40 -0.08 0.00	29.51 -0.06 0.00	26.25 -0.33 0.00	24.66 -0.41 0.00	24.77 -0.43 0.00	26.90 -0.35 0.00	36.37 -0.31 0.00	37.92 -0.27 0.00	42.98 -0.33 0.00	38.49 -0.41 0.00	38.50 -0.27 0.00	37.85 -0.02 0.00	33.96 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	25.49 -0.14 0.00	24.25 -0.23 0.00	27.19 -0.39 0.00	26.59 -0.40 0.00	28.54 -0.37 0.00	33.45 -0.67 0.00	36.30 -1.06 0.00	36.02 -1.02 0.00	33.54 -0.76 0.00	34.47 -0.60 0.00	36.40 -0.06 0.00	33.73 0.25 0.00	29.65 0.08 0.00	25.98 -0.59 0.00	24.24 -0.83 0.00	24.48 -0.72 0.00	26.68 -0.58 0.00	35.97 -0.70 0.00	37.50 -0.68 0.00	42.50 -0.81 0.00	38.17 -0.72 0.00	38.45 -0.33 0.00	38.09 0.23 0.00	34.28 0.36 0.00
MARSHVLE_115KV_TB1 80742	27.18 1.55 0.00	25.94 1.46 0.00	29.19 1.61 0.00	28.62 1.63 0.00	30.68 1.77 0.00	36.28 2.16 0.00	39.84 2.48 0.00	39.60 2.57 0.00	36.41 2.12 0.00	36.70 1.63 0.00	38.41 1.95 0.00	35.42 1.94 0.00	31.04 1.48 0.00	27.96 1.38 0.00	26.27 1.20 0.00	26.38 1.18 0.00	28.66 1.40 0.00	38.97 2.29 0.00	41.01 2.82 0.00	46.56 3.25 0.00	41.79 2.89 0.00	41.55 2.77 0.00	40.54 2.67 0.00	36.30 2.38 0.00
MARSH_HILL_WT_PWR 323713	24.57 -1.06 0.00	23.50 -0.97 0.00	26.92 -0.66 0.00	26.24 -0.75 0.00	28.01 -0.90 0.00	33.04 -1.08 0.00	35.92 -1.44 0.00	37.80 -1.08 -1.85	33.84 -0.45 0.00	35.00 -0.07 0.00	36.35 -0.11 0.00	33.05 -0.43 0.00	29.25 -0.31 0.00	26.62 0.05 0.00	25.18 0.11 0.00	25.18 -0.03 0.00	27.24 -0.02 0.00	36.51 -0.17 0.00	38.33 0.15 0.00	43.53 0.22 0.00	38.81 -0.09 0.00	38.57 -0.20 0.00	37.74 -0.13 0.00	34.12 0.20 0.00
MCINTYRE_115KV_TB2 80467	26.88 1.25 0.00	25.47 1.00 0.00	28.61 1.04 0.00	28.12 1.13 0.00	30.39 1.48 0.00	35.54 1.42 0.00	39.17 1.81 0.00	38.21 1.18 0.00	35.01 0.72 0.00	35.10 0.03 0.00	36.12 -0.33 0.00	34.40 0.92 0.00	31.18 1.62 0.00	27.37 0.80 0.00	25.51 0.45 0.00	25.72 0.52 0.00	28.12 0.86 0.00	37.29 0.61 0.00	40.32 2.14 0.00	46.00 2.69 0.00	41.92 3.02 0.00	42.91 4.14 0.00	41.80 3.94 0.00	37.28 3.36 0.00
MECO_____69_KV_BK1 80468	27.29 1.66 0.00	26.03 1.55 0.00	29.29 1.71 0.00	28.70 1.71 0.00	30.76 1.84 0.00	36.39 2.28 0.00	40.07 2.71 0.00	39.87 2.84 0.00	36.46 2.17 0.00	36.62 1.55 0.00	38.36 1.90 0.00	35.20 1.72 0.00	30.64 1.08 0.00	27.64 1.07 0.00	25.80 0.73 0.00	25.97 0.76 0.00	28.47 1.21 0.00	39.04 2.36 0.00	41.29 3.10 0.00	46.81 3.50 0.00	42.01 3.11 0.00	41.70 2.93 0.00	40.61 2.75 0.00	36.31 2.38 0.00
MENANDS___115KV_TB5 355628	26.04 0.41 0.00	24.87 0.39 0.00	27.96 0.38 0.00	27.37 0.38 0.00	29.33 0.42 0.00	34.63 0.51 0.00	37.99 0.63 0.00	37.58 0.55 0.00	34.68 0.39 0.00	35.28 0.22 0.00	36.72 0.26 0.00	33.75 0.27 0.00	29.70 0.14 0.00	26.82 0.25 0.00	25.31 0.24 0.00	25.47 0.26 0.00	27.59 0.33 0.00	37.22 0.55 0.00	38.75 0.57 0.00	43.72 0.41 0.00	39.32 0.42 0.00	39.10 0.32 0.00	38.17 0.31 0.00	34.25 0.33 0.00
MG INDUSTRY___DRP 24185	26.11 0.48 0.00	24.96 0.49 0.00	28.10 0.53 0.00	27.51 0.52 0.00	29.47 0.56 0.00	34.77 0.65 0.00	38.13 0.77 0.00	37.69 0.65 0.00	34.75 0.46 0.00	35.28 0.21 0.00	36.73 0.27 0.00	33.67 0.19 0.00	29.61 0.04 0.00	26.71 0.13 0.00	25.19 0.12 0.00	25.33 0.13 0.00	27.51 0.25 0.00	37.24 0.57 0.00	38.83 0.65 0.00	43.86 0.54 0.00	39.43 0.53 0.00	39.22 0.44 0.00	38.30 0.44 0.00	34.37 0.45 0.00



MID___OSWEGATCHIE_HYD 23849	25.87 0.24 0.00	24.52 0.05 0.00	27.61 0.03 0.00	27.10 0.11 0.00	29.23 0.31 0.00	34.33 0.21 0.00	37.83 0.47 0.00	37.14 0.10 0.00	34.29 0.00 0.00	34.77 -0.30 0.00	35.95 -0.51 0.00	33.70 0.22 0.00	30.19 0.62 0.00	26.73 0.15 0.00	25.07 0.00 0.00	25.24 0.04 0.00	27.41 0.15 0.00	36.90 0.23 0.00	39.17 0.99 0.00	44.39 1.08 0.00	40.16 1.27 0.00	40.82 2.05 0.00	39.96 2.09 0.00	35.73 1.81 0.00
MID___RAQUETTE_HYD 23851	25.98 0.35 0.00	24.64 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.71 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.56 0.07 0.00	30.33 0.77 0.00	26.69 0.12 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
MILLIKEN___1 23584	26.03 0.40 0.00	24.85 0.37 0.00	28.13 0.55 0.00	27.47 0.48 0.00	29.43 0.52 0.00	34.80 0.68 0.00	38.22 0.86 0.00	38.28 1.03 -0.21	35.24 0.95 0.00	36.13 1.06 0.00	37.21 0.76 0.00	34.08 0.60 0.00	30.07 0.50 0.00	27.05 0.48 0.00	25.61 0.54 0.00	25.85 0.65 0.00	28.03 0.77 0.00	37.78 1.11 0.00	39.62 1.43 0.00	44.88 1.57 0.00	40.26 1.36 0.00	40.01 1.23 0.00	38.95 1.09 0.00	34.79 0.87 0.00
MILLIKEN___2 23585	26.03 0.40 0.00	24.85 0.37 0.00	28.13 0.55 0.00	27.47 0.48 0.00	29.43 0.52 0.00	34.80 0.68 0.00	38.22 0.86 0.00	38.28 1.03 -0.21	35.24 0.95 0.00	36.13 1.06 0.00	37.21 0.76 0.00	34.08 0.60 0.00	30.07 0.50 0.00	27.05 0.48 0.00	25.61 0.54 0.00	25.85 0.65 0.00	28.03 0.77 0.00	37.78 1.11 0.00	39.62 1.43 0.00	44.88 1.57 0.00	40.26 1.36 0.00	40.01 1.23 0.00	38.95 1.09 0.00	34.79 0.87 0.00
MILLIKEN___DIESEL 23629	26.03 0.40 0.00	24.85 0.37 0.00	28.13 0.55 0.00	27.47 0.48 0.00	29.43 0.52 0.00	34.80 0.68 0.00	38.22 0.86 0.00	38.28 1.03 -0.21	35.24 0.95 0.00	36.13 1.06 0.00	37.21 0.76 0.00	34.08 0.60 0.00	30.07 0.50 0.00	27.05 0.48 0.00	25.61 0.54 0.00	25.85 0.65 0.00	28.03 0.77 0.00	37.78 1.11 0.00	39.62 1.43 0.00	44.88 1.57 0.00	40.26 1.36 0.00	40.01 1.23 0.00	38.95 1.09 0.00	34.79 0.87 0.00
MILLSEAT___LFGE 323607	24.95 -0.68 0.00	23.83 -0.65 0.00	26.98 -0.59 0.00	26.34 -0.65 0.00	28.26 -0.66 0.00	33.46 -0.66 0.00	36.33 -1.03 0.00	35.77 -0.87 0.40	33.57 -0.72 0.00	35.16 0.09 0.00	36.50 0.04 0.00	33.35 -0.13 0.00	29.68 0.11 0.00	26.89 0.31 0.00	25.35 0.28 0.00	25.35 0.15 0.00	27.31 0.05 0.00	36.14 -0.54 0.00	37.82 -0.36 0.00	43.13 -0.18 0.00	38.69 -0.20 0.00	38.64 -0.13 0.00	37.60 -0.27 0.00	33.93 0.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.46 0.83 0.00	25.24 0.77 0.00	28.36 0.78 0.00	27.77 0.78 0.00	29.70 0.79 0.00	35.10 0.99 0.00	38.50 1.14 0.00	38.20 1.17 0.00	35.29 1.00 0.00	36.14 1.07 0.00	37.45 0.99 0.00	34.46 0.98 0.00	30.51 0.95 0.00	27.62 1.04 0.00	26.19 1.12 0.00	26.35 1.15 0.00	28.37 1.11 0.00	38.09 1.42 0.00	39.71 1.52 0.00	44.75 1.45 0.00	40.17 1.27 0.00	39.94 1.16 0.00	38.87 1.00 0.00	34.74 0.81 0.00
MILLWOOD_13_KV_LOAD 356217	26.51 0.88 0.00	25.30 0.82 0.00	28.42 0.84 0.00	27.83 0.84 0.00	29.76 0.85 0.00	35.19 1.07 0.00	38.59 1.24 0.00	38.30 1.27 0.00	35.38 1.09 0.00	36.25 1.17 0.00	37.55 1.09 0.00	34.58 1.10 0.00	30.59 1.03 0.00	27.68 1.11 0.00	26.24 1.18 0.00	26.41 1.21 0.00	28.44 1.18 0.00	38.20 1.53 0.00	39.83 1.64 0.00	44.90 1.59 0.00	40.29 1.40 0.00	40.05 1.27 0.00	38.97 1.11 0.00	34.83 0.91 0.00
MODEL_CITY_ENERGY 24167	24.17 -1.46 0.00	23.12 -1.35 0.00	26.18 -1.40 0.00	25.56 -1.43 0.00	27.43 -1.49 0.00	32.42 -1.70 0.00	35.05 -2.31 0.00	34.33 -2.25 0.45	32.20 -2.09 0.00	34.01 -1.06 0.00	35.46 -0.99 0.00	32.36 -1.12 0.00	28.86 -0.71 0.00	26.17 -0.40 0.00	24.68 -0.39 0.00	24.62 -0.58 0.00	26.47 -0.79 0.00	34.90 -1.78 0.00	36.38 -1.80 0.00	41.50 -1.81 0.00	37.27 -1.63 0.00	37.31 -1.46 0.00	36.37 -1.50 0.00	32.93 -0.99 0.00
MODERN_LFGE___ 323580	24.17 -1.46 0.00	23.12 -1.35 0.00	26.18 -1.40 0.00	25.56 -1.43 0.00	27.43 -1.49 0.00	32.42 -1.70 0.00	35.05 -2.31 0.00	34.33 -2.25 0.45	32.20 -2.09 0.00	34.01 -1.06 0.00	35.46 -0.99 0.00	32.36 -1.12 0.00	28.86 -0.71 0.00	26.17 -0.40 0.00	24.68 -0.39 0.00	24.62 -0.58 0.00	26.47 -0.79 0.00	34.90 -1.78 0.00	36.38 -1.80 0.00	41.50 -1.81 0.00	37.27 -1.63 0.00	37.31 -1.46 0.00	36.37 -1.50 0.00	32.93 -0.99 0.00
MOHAWK_PAPER___DRP 24187	26.19 0.56 0.00	25.00 0.52 0.00	28.12 0.54 0.00	27.52 0.54 0.00	29.50 0.58 0.00	34.83 0.71 0.00	38.22 0.86 0.00	37.84 0.80 0.00	34.90 0.62 0.00	35.49 0.42 0.00	36.97 0.51 0.00	33.95 0.47 0.00	29.85 0.29 0.00	26.95 0.38 0.00	25.42 0.35 0.00	25.57 0.37 0.00	27.73 0.48 0.00	37.46 0.78 0.00	39.03 0.84 0.00	44.05 0.74 0.00	39.60 0.70 0.00	39.38 0.60 0.00	38.44 0.57 0.00	34.47 0.54 0.00
MOHICAN___35_KV_115KV_LD 80490	26.88 1.25 0.00	25.66 1.18 0.00	28.84 1.26 0.00	28.21 1.22 0.00	30.29 1.38 0.00	35.83 1.71 0.00	39.37 2.01 0.00	39.10 2.06 0.00	36.00 1.71 0.00	36.43 1.36 0.00	37.98 1.52 0.00	34.87 1.39 0.00	30.49 0.92 0.00	27.47 0.89 0.00	25.85 0.78 0.00	26.07 0.86 0.00	28.41 1.15 0.00	38.58 1.90 0.00	40.30 2.11 0.00	45.54 2.23 0.00	40.96 2.07 0.00	40.69 1.92 0.00	39.62 1.76 0.00	35.44 1.52 0.00
MONGAUP___HYD 23641	26.50 0.87 0.00	25.29 0.81 0.00	28.45 0.87 0.00	27.84 0.86 0.00	29.82 0.90 0.00	35.27 1.15 0.00	38.75 1.40 0.00	38.44 1.40 0.00	35.38 1.09 0.00	36.12 1.05 0.00	37.21 0.76 0.00	33.97 0.49 0.00	29.99 0.43 0.00	27.11 0.54 0.00	25.68 0.62 0.00	25.87 0.66 0.00	27.94 0.68 0.00	37.87 1.19 0.00	39.79 1.61 0.00	45.05 1.74 0.00	40.45 1.56 0.00	40.19 1.41 0.00	39.13 1.26 0.00	34.93 1.01 0.00
MONTAUK___DIESEL 23721	26.04 0.41 0.00	24.81 0.34 0.00	27.62 0.04 0.00	26.99 0.00 0.00	26.94 -0.26 1.72	20.64 -0.15 13.33	36.03 0.01 1.34	14.13 0.15 23.06	13.85 -0.02 20.42	16.27 0.09 18.89	26.60 -0.01 9.85	33.73 0.47 0.22	30.47 0.92 0.01	27.67 1.09 0.00	26.49 1.43 0.00	26.73 1.53 0.00	28.67 1.63 0.22	33.44 2.29 5.53	29.47 2.70 11.41	27.83 2.68 18.16	32.62 2.10 8.37	38.56 1.64 1.85	39.29 1.43 0.00	34.78 0.87 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.93 -0.69 0.00	23.95 -0.53 0.00	27.40 -0.18 0.00	26.57 -0.42 0.00	28.56 -0.36 0.00	33.86 -0.26 0.00	37.00 -0.36 0.00	36.88 0.06 0.21	34.50 0.21 0.00	36.33 1.26 0.00	37.38 0.92 0.00	34.07 0.59 0.00	30.50 0.93 0.00	27.62 1.04 0.00	26.05 0.98 0.00	25.96 0.76 0.00	28.02 0.76 0.00	37.50 0.82 0.00	39.27 1.08 0.00	44.53 1.22 0.00	39.96 1.07 0.00	39.84 1.06 0.00	38.65 0.79 0.00	34.62 0.69 0.00



MORRIS_RIDGE___SOLAR 323848	24.64 -0.99 0.00	23.61 -0.87 0.00	26.94 -0.64 0.00	26.26 -0.73 0.00	28.06 -0.86 0.00	33.12 -0.99 0.00	35.85 -1.51 0.00	31.99 -1.23 3.81	33.51 -0.78 0.00	35.06 -0.01 0.00	36.28 -0.18 0.00	33.05 -0.43 0.00	29.34 -0.22 0.00	26.64 0.06 0.00	25.16 0.09 0.00	25.14 -0.06 0.00	27.14 -0.12 0.00	36.27 -0.40 0.00	38.04 -0.15 0.00	43.09 -0.22 0.00	38.61 -0.29 0.00	38.43 -0.34 0.00	37.51 -0.36 0.00	33.86 -0.06 0.00
MORTIMER_115KV_TB3 55949	25.12 -0.51 0.00	23.98 -0.49 0.00	27.09 -0.49 0.00	26.50 -0.50 0.00	28.44 -0.47 0.00	33.66 -0.45 0.00	36.75 -0.62 0.00	36.54 -0.41 0.08	34.15 -0.14 0.00	35.40 0.33 0.00	36.78 0.32 0.00	33.59 0.11 0.00	29.80 0.24 0.00	26.90 0.33 0.00	25.36 0.29 0.00	25.41 0.21 0.00	27.40 0.14 0.00	36.55 -0.13 0.00	38.14 -0.04 0.00	43.36 0.05 0.00	38.86 -0.03 0.00	38.73 -0.04 0.00	37.71 -0.16 0.00	33.87 -0.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.65 1.02 0.00	25.42 0.94 0.00	28.53 0.96 0.00	27.95 0.96 0.00	29.88 0.97 0.00	35.33 1.21 0.00	38.74 1.38 0.00	38.45 1.41 0.00	35.52 1.23 0.00	36.43 1.36 0.00	37.75 1.30 0.00	34.76 1.27 0.00	30.79 1.23 0.00	27.89 1.31 0.00	26.46 1.39 0.00	26.63 1.43 0.00	28.65 1.39 0.00	38.42 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.48 1.58 0.00	40.24 1.47 0.00	39.15 1.29 0.00	34.98 1.06 0.00
MUNSVILLE_WIND_PWR 323609	27.27 1.64 0.00	25.90 1.43 0.00	29.57 2.00 0.00	28.72 1.72 0.00	30.80 1.89 0.00	36.54 2.43 0.00	40.24 2.88 0.00	40.03 2.87 -0.13	36.83 2.54 0.00	37.74 2.67 0.00	38.79 2.33 0.00	35.36 1.88 0.00	31.00 1.44 0.00	27.80 1.22 0.00	26.34 1.28 0.00	26.67 1.47 0.00	29.13 1.86 0.00	39.47 2.79 0.00	41.69 3.51 0.00	47.51 4.20 0.00	42.48 3.58 0.00	42.30 3.52 0.00	41.16 3.29 0.00	36.73 2.80 0.00
N SALMON___HYD 24042	25.94 0.31 0.00	24.68 0.20 0.00	27.67 0.09 0.00	27.10 0.11 0.00	29.12 0.21 0.00	34.15 0.03 0.00	37.22 -0.14 0.00	36.74 -0.30 0.00	34.17 -0.13 0.00	35.03 -0.04 0.00	36.75 0.29 0.00	34.16 0.68 0.00	30.26 0.70 0.00	26.53 -0.04 0.00	24.76 -0.31 0.00	24.96 -0.24 0.00	27.18 -0.08 0.00	36.56 -0.11 0.00	38.34 0.16 0.00	43.51 0.20 0.00	39.23 0.33 0.00	39.75 0.97 0.00	39.14 1.27 0.00	35.12 1.20 0.00
N.AKRON__115KV_KNAPP 355671	24.80 -0.83 0.00	23.71 -0.77 0.00	26.85 -0.73 0.00	26.20 -0.79 0.00	28.11 -0.81 0.00	33.26 -0.85 0.00	36.07 -1.29 0.00	35.45 -1.15 0.43	33.30 -1.00 0.00	34.99 -0.08 0.00	36.35 -0.11 0.00	33.25 -0.24 0.00	29.59 0.03 0.00	26.78 0.21 0.00	25.24 0.17 0.00	25.24 0.04 0.00	27.16 -0.10 0.00	35.93 -0.74 0.00	37.56 -0.62 0.00	42.83 -0.48 0.00	38.42 -0.48 0.00	38.39 -0.38 0.00	37.37 -0.49 0.00	33.76 -0.16 0.00
N.BELMOR_69_KV_BK1 55787	26.69 1.06 0.00	25.45 0.97 0.00	28.51 0.93 0.00	27.85 0.86 0.00	28.66 0.75 1.00	27.48 0.96 7.60	37.76 1.09 0.69	24.75 1.15 13.44	23.38 0.99 11.91	25.15 1.10 11.02	31.74 1.02 5.74	34.43 1.08 0.13	30.71 1.15 0.01	27.77 1.19 0.00	26.41 1.34 0.00	26.53 1.33 0.00	28.36 1.23 0.13	34.73 1.37 3.31	31.85 1.48 7.81	32.26 1.40 12.44	34.53 1.31 5.67	38.89 1.19 1.08	38.92 1.05 0.00	34.63 0.72 0.00
N.E_GEN_SANDY PD 24062	27.18 0.67 -0.88	25.10 0.62 0.00	28.21 0.63 0.00	27.61 0.62 0.00	29.58 0.66 0.00	35.40 0.80 -0.48	38.23 0.87 0.00	37.84 0.81 0.00	35.52 0.63 -0.60	35.56 0.49 0.00	37.15 0.51 -0.19	33.49 0.52 0.52	29.58 0.40 0.37	27.11 0.53 0.00	25.61 0.55 0.01	25.79 0.59 0.00	27.86 0.60 0.00	37.50 0.82 0.00	39.04 0.82 -0.04	32.55 0.67 11.42	39.54 0.65 0.00	39.36 0.59 0.00	38.44 0.58 0.00	34.87 0.54 -0.40
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.27 0.64 0.00	25.05 0.57 0.00	28.17 0.60 0.00	27.60 0.60 0.00	29.54 0.63 0.00	34.93 0.81 0.00	38.31 0.95 0.00	37.95 0.91 0.00	35.01 0.72 0.00	35.89 0.82 0.00	37.12 0.66 0.00	34.12 0.64 0.00	30.26 0.70 0.00	27.39 0.82 0.00	25.96 0.89 0.00	26.12 0.92 0.00	28.11 0.85 0.00	37.78 1.10 0.00	39.43 1.25 0.00	44.46 1.15 0.00	39.90 1.01 0.00	39.69 0.92 0.00	38.58 0.72 0.00	34.51 0.59 0.00
N.QUEENS_27_KV_LOAD 356247	26.73 1.09 -0.01	25.48 1.00 0.00	28.59 1.01 0.00	28.05 1.06 0.00	29.91 0.99 0.00	35.37 1.25 0.00	38.78 1.42 0.00	38.52 1.48 0.00	35.65 1.36 0.00	36.56 1.49 0.00	37.89 1.44 0.00	34.89 1.41 0.00	30.92 1.36 0.00	28.05 1.47 0.00	26.59 1.52 0.00	26.76 1.55 0.00	28.75 1.49 0.00	38.48 1.80 0.00	40.09 1.91 0.00	45.18 1.87 0.00	40.58 1.68 0.00	40.36 1.58 0.00	39.26 1.40 0.00	35.08 1.16 0.00
N.TROY___115KV_TB1 355778	26.31 0.68 0.00	25.12 0.64 0.00	28.26 0.68 0.00	27.66 0.67 0.00	29.65 0.73 0.00	34.99 0.87 0.00	38.35 0.99 0.00	37.96 0.92 0.00	35.01 0.72 0.00	35.60 0.53 0.00	37.08 0.62 0.00	34.08 0.59 0.00	29.95 0.39 0.00	27.04 0.46 0.00	25.49 0.42 0.00	25.63 0.43 0.00	27.81 0.55 0.00	37.52 0.84 0.00	39.08 0.90 0.00	44.12 0.81 0.00	39.68 0.78 0.00	39.52 0.74 0.00	38.59 0.73 0.00	34.61 0.69 0.00
NARROWS_GT1_1 24228	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NARROWS_GT1_2 24229	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NARROWS_GT1_3 24230	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NARROWS_GT1_4 24231	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00



NARROWS_GT1_5 24232	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NARROWS_GT1_6 24233	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NARROWS_GT1_7 24234	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NARROWS_GT1_8 24235	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.53 1.85 0.00	40.14 1.96 0.00	45.24 1.93 0.00	40.63 1.74 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NARROWS_GT2_1 24236	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NARROWS_GT2_2 24237	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NARROWS_GT2_3 24238	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NARROWS_GT2_4 24239	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NARROWS_GT2_5 24240	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NARROWS_GT2_6 24241	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NARROWS_GT2_7 24242	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NARROWS_GT2_8 24243	26.77 1.14 -0.01	25.51 1.03 0.00	28.63 1.05 0.00	28.04 1.05 0.00	29.97 1.06 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.95 1.49 0.00	34.96 1.48 0.00	30.96 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.76 1.56 0.00	28.78 1.52 0.00	38.61 1.93 0.00	40.23 2.05 0.00	45.33 2.02 0.00	40.71 1.82 0.00	40.51 1.74 0.00	39.38 1.51 0.00	35.18 1.26 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.55 0.92 0.00	25.35 0.88 0.00	28.52 0.94 0.00	27.92 0.93 0.00	29.96 1.04 0.00	35.40 1.28 0.00	38.97 1.61 0.00	38.60 1.57 0.00	35.56 1.27 0.00	35.95 0.89 0.00	37.20 0.74 0.00	34.05 0.56 0.00	29.82 0.26 0.00	26.91 0.34 0.00	25.29 0.22 0.00	25.47 0.27 0.00	27.77 0.51 0.00	37.86 1.19 0.00	39.78 1.60 0.00	44.96 1.65 0.00	40.37 1.47 0.00	40.10 1.33 0.00	39.09 1.22 0.00	35.03 1.11 0.00
NCHELSEA_115KV_TR2 355582	26.57 0.94 0.00	25.36 0.88 0.00	28.50 0.92 0.00	27.91 0.92 0.00	29.86 0.95 0.00	35.32 1.20 0.00	38.77 1.41 0.00	38.49 1.45 0.00	35.51 1.22 0.00	36.30 1.23 0.00	37.58 1.12 0.00	34.55 1.07 0.00	30.56 1.00 0.00	27.67 1.09 0.00	26.23 1.16 0.00	26.41 1.21 0.00	28.48 1.23 0.00	38.33 1.65 0.00	39.98 1.80 0.00	45.10 1.79 0.00	40.48 1.58 0.00	40.22 1.44 0.00	39.13 1.26 0.00	34.96 1.03 0.00
NEG CAPITAL___MECHNVIL 23645	26.64 1.01 0.00	25.44 0.96 0.00	28.62 1.04 0.00	28.01 1.02 0.00	30.03 1.12 0.00	35.47 1.35 0.00	38.93 1.57 0.00	38.60 1.57 0.00	35.56 1.27 0.00	36.10 1.03 0.00	37.63 1.18 0.00	34.55 1.07 0.00	30.33 0.77 0.00	27.35 0.77 0.00	25.76 0.69 0.00	25.94 0.74 0.00	28.23 0.97 0.00	38.23 1.55 0.00	39.88 1.69 0.00	45.03 1.72 0.00	40.47 1.58 0.00	40.24 1.46 0.00	39.23 1.36 0.00	35.12 1.20 0.00



NEG CENTRAL_HIGH_ACRES 23767	25.06 -0.57 0.00	23.90 -0.58 0.00	26.97 -0.60 0.00	26.41 -0.58 0.00	28.36 -0.55 0.00	33.59 -0.53 0.00	36.75 -0.61 0.00	36.63 -0.41 0.00	34.09 -0.20 0.00	35.20 0.13 0.00	36.55 0.10 0.00	33.37 -0.11 0.00	29.58 0.02 0.00	26.67 0.10 0.00	25.16 0.09 0.00	25.23 0.03 0.00	27.23 -0.03 0.00	36.39 -0.28 0.00	37.99 -0.20 0.00	43.15 -0.16 0.00	38.69 -0.21 0.00	38.52 -0.25 0.00	37.48 -0.38 0.00	33.61 -0.32 0.00
NEG CENTRAL___DRP 24199	25.48 -0.15 0.00	24.34 -0.14 0.00	27.53 -0.05 0.00	26.90 -0.09 0.00	28.85 -0.07 0.00	34.11 -0.01 0.00	37.36 0.00 0.00	37.44 0.23 -0.17	34.64 0.35 0.00	35.57 0.51 0.00	36.85 0.40 0.00	33.68 0.20 0.00	29.75 0.18 0.00	26.84 0.27 0.00	25.33 0.26 0.00	25.51 0.31 0.00	27.61 0.34 0.00	37.01 0.33 0.00	38.74 0.55 0.00	43.89 0.58 0.00	39.36 0.46 0.00	39.13 0.36 0.00	38.16 0.30 0.00	34.18 0.26 0.00
NEG CENTRAL___INDECK 23768	25.64 0.01 0.00	24.46 -0.02 0.00	27.76 0.19 0.00	27.10 0.11 0.00	28.89 -0.03 0.00	33.70 -0.42 0.00	36.57 -0.79 0.00	38.46 -0.43 -1.85	34.18 -0.12 0.00	35.22 0.15 0.00	36.26 -0.20 0.00	33.16 -0.33 0.00	29.18 -0.38 0.00	26.51 -0.06 0.00	24.95 -0.12 0.00	24.98 -0.22 0.00	27.06 -0.20 0.00	36.51 -0.17 0.00	38.51 0.33 0.00	43.82 0.51 0.00	39.21 0.31 0.00	38.94 0.16 0.00	37.87 0.00 0.00	34.71 0.79 0.00
NEG CENTRAL___SENECA 23627	25.58 -0.05 0.00	24.43 -0.04 0.00	27.69 0.11 0.00	27.04 0.05 0.00	29.00 0.09 0.00	34.29 0.17 0.00	37.50 0.14 0.00	37.78 0.47 -0.27	34.94 0.65 0.00	35.92 0.85 0.00	37.17 0.71 0.00	33.91 0.43 0.00	29.96 0.40 0.00	27.07 0.49 0.00	25.53 0.47 0.00	25.71 0.51 0.00	27.82 0.56 0.00	37.23 0.55 0.00	39.08 0.90 0.00	44.28 0.97 0.00	39.70 0.80 0.00	39.45 0.68 0.00	38.50 0.64 0.00	34.48 0.56 0.00
NEG CENTRAL___STATE_STREET 24147	25.47 -0.16 0.00	24.33 -0.15 0.00	27.48 -0.10 0.00	26.86 -0.13 0.00	28.80 -0.12 0.00	34.05 -0.07 0.00	37.33 -0.03 0.00	37.11 0.08 0.00	34.39 0.10 0.00	35.26 0.19 0.00	36.52 0.06 0.00	33.47 -0.02 0.00	29.55 -0.01 0.00	26.60 0.03 0.00	25.15 0.09 0.00	25.34 0.14 0.00	27.43 0.17 0.00	36.86 0.18 0.00	38.47 0.29 0.00	43.58 0.27 0.00	39.07 0.18 0.00	38.90 0.13 0.00	37.90 0.03 0.00	33.94 0.02 0.00
NEG MILLWOOD___DRP 24198	26.67 1.04 0.00	25.44 0.97 0.00	28.59 1.01 0.00	27.99 1.00 0.00	29.94 1.03 0.00	35.43 1.31 0.00	38.91 1.55 0.00	38.64 1.60 0.00	35.67 1.38 0.00	36.47 1.40 0.00	37.78 1.33 0.00	34.72 1.24 0.00	30.72 1.15 0.00	27.81 1.23 0.00	26.37 1.31 0.00	26.55 1.35 0.00	28.63 1.37 0.00	38.49 1.81 0.00	40.15 1.97 0.00	45.29 1.98 0.00	40.64 1.75 0.00	40.38 1.61 0.00	39.27 1.41 0.00	35.08 1.16 0.00
NEG NORTH_FLCN_SEA 23793	25.55 -0.08 0.00	24.27 -0.21 0.00	27.18 -0.39 0.00	26.55 -0.44 0.00	28.52 -0.39 0.00	33.37 -0.74 0.00	36.02 -1.34 0.00	35.78 -1.26 0.00	33.32 -0.97 0.00	34.43 -0.64 0.00	36.51 0.05 0.00	34.00 0.52 0.00	29.80 0.23 0.00	26.04 -0.54 0.00	24.20 -0.87 0.00	24.52 -0.68 0.00	26.77 -0.49 0.00	35.91 -0.76 0.00	37.42 -0.76 0.00	42.33 -0.98 0.00	38.02 -0.87 0.00	38.32 -0.45 0.00	38.29 0.43 0.00	34.53 0.61 0.00
NEG NORTH_KES_CHATEGAY 23792	25.64 0.01 0.00	24.38 -0.09 0.00	27.33 -0.25 0.00	26.74 -0.25 0.00	28.70 -0.21 0.00	33.70 -0.42 0.00	36.61 -0.75 0.00	36.25 -0.79 0.00	33.75 -0.54 0.00	34.69 -0.38 0.00	36.57 0.11 0.00	33.81 0.33 0.00	29.76 0.19 0.00	26.08 -0.49 0.00	24.35 -0.72 0.00	24.54 -0.66 0.00	26.73 -0.53 0.00	36.06 -0.61 0.00	37.65 -0.53 0.00	42.72 -0.60 0.00	38.38 -0.52 0.00	38.69 -0.08 0.00	38.24 0.37 0.00	34.37 0.45 0.00
NEG NORTH___ALICE_FALLS 23915	25.72 0.09 0.00	24.44 -0.03 0.00	27.39 -0.19 0.00	26.75 -0.24 0.00	28.75 -0.17 0.00	33.67 -0.45 0.00	36.45 -0.91 0.00	36.24 -0.79 0.00	33.73 -0.56 0.00	34.74 -0.33 0.00	36.74 0.28 0.00	34.19 0.70 0.00	29.99 0.43 0.00	26.21 -0.36 0.00	24.38 -0.69 0.00	24.69 -0.51 0.00	26.94 -0.32 0.00	36.25 -0.43 0.00	37.85 -0.33 0.00	42.83 -0.48 0.00	38.47 -0.42 0.00	38.76 -0.02 0.00	38.57 0.71 0.00	34.72 0.80 0.00
NEG NORTH___LWR_SARANAC 23913	25.72 0.09 0.00	24.44 -0.03 0.00	27.39 -0.19 0.00	26.75 -0.24 0.00	28.75 -0.17 0.00	33.67 -0.45 0.00	36.45 -0.91 0.00	36.24 -0.79 0.00	33.73 -0.56 0.00	34.74 -0.33 0.00	36.74 0.28 0.00	34.19 0.70 0.00	29.99 0.43 0.00	26.21 -0.36 0.00	24.38 -0.69 0.00	24.69 -0.51 0.00	26.94 -0.32 0.00	36.25 -0.43 0.00	37.85 -0.33 0.00	42.83 -0.48 0.00	38.47 -0.42 0.00	38.76 -0.02 0.00	38.57 0.71 0.00	34.72 0.80 0.00
NEG NORTH___PLATTSBURG 23628	25.72 0.09 0.00	24.44 -0.03 0.00	27.39 -0.19 0.00	26.75 -0.24 0.00	28.75 -0.17 0.00	33.67 -0.45 0.00	36.45 -0.91 0.00	36.24 -0.79 0.00	33.73 -0.56 0.00	34.74 -0.33 0.00	36.74 0.28 0.00	34.19 0.70 0.00	29.99 0.43 0.00	26.21 -0.36 0.00	24.38 -0.69 0.00	24.69 -0.51 0.00	26.94 -0.32 0.00	36.25 -0.43 0.00	37.86 -0.33 0.00	42.83 -0.48 0.00	38.47 -0.42 0.00	38.76 -0.01 0.00	38.57 0.71 0.00	34.72 0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	24.38 -1.25 0.00	23.33 -1.15 0.00	26.43 -1.15 0.00	25.78 -1.21 0.00	27.61 -1.30 0.00	32.62 -1.49 0.00	35.21 -2.15 0.00	34.41 -2.06 0.56	32.46 -1.83 0.00	34.29 -0.78 0.00	35.72 -0.74 0.00	32.58 -0.90 0.00	29.07 -0.49 0.00	26.34 -0.24 0.00	24.81 -0.25 0.00	24.80 -0.41 0.00	26.67 -0.59 0.00	35.20 -1.47 0.00	36.71 -1.48 0.00	41.83 -1.48 0.00	37.55 -1.35 0.00	37.57 -1.20 0.00	36.63 -1.23 0.00	33.17 -0.75 0.00
NEG WEST___LANCASTER 23811	24.92 -0.71 0.00	23.88 -0.60 0.00	27.13 -0.45 0.00	26.45 -0.54 0.00	28.40 -0.51 0.00	33.57 -0.55 0.00	36.57 -0.79 0.00	36.19 -0.56 0.29	33.70 -0.58 0.00	35.48 0.41 0.00	36.81 0.35 0.00	33.49 0.00 0.00	29.94 0.38 0.00	27.17 0.60 0.00	25.54 0.47 0.00	25.58 0.38 0.00	27.57 0.30 0.00	36.57 -0.11 0.00	38.17 -0.01 0.00	43.35 0.04 0.00	38.93 0.03 0.00	38.86 0.08 0.00	37.88 0.01 0.00	34.08 0.15 0.00
NEG_PENN_ALLEGHNY 23528	25.67 0.04 0.00	24.54 0.06 0.00	27.80 0.23 0.00	27.15 0.16 0.00	29.09 0.17 0.00	34.34 0.22 0.00	37.58 0.22 0.00	37.48 0.36 -0.08	34.62 0.33 0.00	35.67 0.60 0.00	36.84 0.39 0.00	33.67 0.19 0.00	29.83 0.26 0.00	26.91 0.33 0.00	25.41 0.34 0.00	25.56 0.36 0.00	27.61 0.35 0.00	37.11 0.44 0.00	38.77 0.59 0.00	43.87 0.56 0.00	39.40 0.50 0.00	39.19 0.41 0.00	38.21 0.35 0.00	34.18 0.26 0.00
NEG___GEN_MONROE 24207	25.26 -0.38 0.00	24.11 -0.37 0.00	27.24 -0.34 0.00	26.64 -0.36 0.00	28.59 -0.32 0.00	33.86 -0.26 0.00	36.94 -0.42 0.00	36.73 -0.20 0.10	34.31 0.02 0.00	35.61 0.54 0.00	36.96 0.50 0.00	33.75 0.27 0.00	29.95 0.39 0.00	27.02 0.45 0.00	25.48 0.42 0.00	25.55 0.35 0.00	27.55 0.29 0.00	36.71 0.03 0.00	38.40 0.22 0.00	43.68 0.37 0.00	39.14 0.24 0.00	39.01 0.23 0.00	37.95 0.09 0.00	34.10 0.18 0.00



NEPA__ENERGY 23901	24.85 -0.78 0.00	23.87 -0.61 0.00	27.28 -0.30 0.00	26.51 -0.48 0.00	28.45 -0.46 0.00	33.58 -0.54 0.00	36.57 -0.79 0.00	36.30 -0.44 0.30	33.84 -0.45 0.00	35.67 0.60 0.00	36.59 0.13 0.00	33.29 -0.19 0.00	29.84 0.28 0.00	27.06 0.48 0.00	25.50 0.44 0.00	25.57 0.36 0.00	27.50 0.24 0.00	36.66 -0.01 0.00	38.38 0.20 0.00	43.45 0.14 0.00	39.09 0.20 0.00	38.96 0.19 0.00	37.96 0.10 0.00	34.00 0.09 0.00
NEVERSINK__HYD 23608	26.63 1.00 0.00	25.41 0.93 0.00	28.60 1.02 0.00	27.99 1.00 0.00	29.96 1.05 0.00	35.44 1.32 0.00	38.91 1.55 0.00	38.64 1.60 0.00	35.63 1.34 0.00	36.42 1.35 0.00	37.62 1.16 0.00	34.52 1.04 0.00	30.54 0.98 0.00	27.62 1.05 0.00	26.14 1.07 0.00	26.33 1.13 0.00	28.43 1.17 0.00	38.36 1.68 0.00	40.16 1.98 0.00	45.36 2.05 0.00	40.68 1.79 0.00	40.44 1.66 0.00	39.31 1.45 0.00	35.11 1.19 0.00
NEWKRMKL_115KV_TB1 55635	25.89 0.25 0.00	24.72 0.24 0.00	27.80 0.22 0.00	27.21 0.22 0.00	29.17 0.26 0.00	34.43 0.31 0.00	37.80 0.44 0.00	37.39 0.36 0.00	34.51 0.22 0.00	35.11 0.04 0.00	36.54 0.08 0.00	33.58 0.10 0.00	29.56 -0.01 0.00	26.68 0.11 0.00	25.18 0.11 0.00	25.33 0.13 0.00	27.46 0.20 0.00	37.06 0.39 0.00	38.59 0.41 0.00	43.55 0.24 0.00	39.15 0.25 0.00	38.93 0.16 0.00	37.99 0.12 0.00	34.09 0.17 0.00
NEWTON__FALLS_HYD 23847	25.87 0.24 0.00	24.52 0.05 0.00	27.61 0.03 0.00	27.10 0.11 0.00	29.23 0.31 0.00	34.33 0.21 0.00	37.83 0.47 0.00	37.14 0.10 0.00	34.29 0.00 0.00	34.77 -0.30 0.00	35.95 -0.51 0.00	33.70 0.22 0.00	30.19 0.62 0.00	26.73 0.15 0.00	25.07 0.00 0.00	25.24 0.04 0.00	27.41 0.15 0.00	36.90 0.23 0.00	39.17 0.99 0.00	44.39 1.08 0.00	40.16 1.27 0.00	40.82 2.05 0.00	39.96 2.09 0.00	35.73 1.81 0.00
NGRID_A1_DSASP 323792	23.95 -1.68 0.00	22.93 -1.55 0.00	25.97 -1.61 0.00	25.34 -1.65 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.14 -2.45 0.45	32.04 -2.26 0.00	33.89 -1.18 0.00	35.40 -1.06 0.00	32.29 -1.19 0.00	28.81 -0.75 0.00	26.15 -0.42 0.00	24.63 -0.44 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.87 -1.81 0.00	36.30 -1.89 0.00	41.37 -1.94 0.00	37.13 -1.76 0.00	37.18 -1.59 0.00	36.30 -1.57 0.00	32.80 -1.12 0.00
NGRID_A2_DSASP 323793	23.95 -1.68 0.00	22.93 -1.55 0.00	25.97 -1.61 0.00	25.34 -1.65 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.14 -2.45 0.45	32.04 -2.26 0.00	33.89 -1.18 0.00	35.40 -1.06 0.00	32.29 -1.19 0.00	28.81 -0.75 0.00	26.15 -0.42 0.00	24.63 -0.44 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.87 -1.81 0.00	36.30 -1.89 0.00	41.37 -1.94 0.00	37.13 -1.76 0.00	37.18 -1.59 0.00	36.30 -1.57 0.00	32.80 -1.12 0.00
NGRID_A4_DSASP 323807	23.95 -1.68 0.00	22.93 -1.55 0.00	25.97 -1.61 0.00	25.34 -1.65 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.14 -2.45 0.45	32.04 -2.26 0.00	33.89 -1.18 0.00	35.40 -1.06 0.00	32.29 -1.19 0.00	28.81 -0.75 0.00	26.15 -0.42 0.00	24.63 -0.44 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.87 -1.81 0.00	36.30 -1.89 0.00	41.37 -1.94 0.00	37.13 -1.76 0.00	37.18 -1.59 0.00	36.30 -1.57 0.00	32.80 -1.12 0.00
NIAGARA_115E_LBMP 323715	24.03 -1.59 0.00	22.99 -1.49 0.00	26.04 -1.54 0.00	25.42 -1.57 0.00	27.28 -1.63 0.00	32.27 -1.85 0.00	34.90 -2.46 0.00	34.15 -2.44 0.45	32.00 -2.30 0.00	33.81 -1.26 0.00	35.26 -1.19 0.00	32.19 -1.29 0.00	28.71 -0.85 0.00	26.05 -0.53 0.00	24.55 -0.51 0.00	24.50 -0.71 0.00	26.33 -0.94 0.00	34.68 -2.00 0.00	36.15 -2.04 0.00	41.23 -2.08 0.00	37.04 -1.86 0.00	37.11 -1.66 0.00	36.15 -1.71 0.00	32.75 -1.17 0.00
NIAGARA_115W_LBMP 323714	23.90 -1.73 0.00	22.89 -1.59 0.00	25.92 -1.67 0.00	25.29 -1.70 0.00	27.18 -1.74 0.00	32.15 -1.96 0.00	34.77 -2.59 0.00	34.07 -2.52 0.45	31.98 -2.31 0.00	33.82 -1.25 0.00	35.33 -1.13 0.00	32.23 -1.25 0.00	28.75 -0.81 0.00	26.09 -0.48 0.00	24.58 -0.49 0.00	24.55 -0.65 0.00	26.42 -0.84 0.00	34.79 -1.89 0.00	36.21 -1.97 0.00	41.28 -2.03 0.00	37.05 -1.85 0.00	37.11 -1.67 0.00	36.22 -1.64 0.00	32.73 -1.19 0.00
NIAGARA_230_LBMP 323716	24.12 -1.51 0.00	23.08 -1.40 0.00	26.13 -1.44 0.00	25.51 -1.48 0.00	27.41 -1.51 0.00	32.42 -1.70 0.00	35.10 -2.26 0.00	34.40 -2.16 0.47	32.30 -2.00 0.00	34.12 -0.95 0.00	35.61 -0.85 0.00	32.46 -1.02 0.00	28.95 -0.61 0.00	26.27 -0.30 0.00	24.75 -0.32 0.00	24.72 -0.48 0.00	26.61 -0.65 0.00	35.11 -1.57 0.00	36.55 -1.63 0.00	41.63 -1.68 0.00	37.36 -1.53 0.00	37.40 -1.37 0.00	36.52 -1.35 0.00	32.98 -0.94 0.00
NIAGARA__115KV_198_GIBSON 55903	23.90 -1.73 0.00	22.89 -1.59 0.00	25.92 -1.67 0.00	25.29 -1.70 0.00	27.18 -1.74 0.00	32.16 -1.96 0.00	34.77 -2.59 0.00	34.07 -2.51 0.45	31.98 -2.31 0.00	33.84 -1.23 0.00	35.34 -1.12 0.00	32.23 -1.26 0.00	28.78 -0.78 0.00	26.09 -0.48 0.00	24.55 -0.52 0.00	24.56 -0.64 0.00	26.42 -0.84 0.00	34.81 -1.87 0.00	36.22 -1.96 0.00	41.28 -2.03 0.00	37.05 -1.84 0.00	37.10 -1.67 0.00	36.23 -1.64 0.00	32.73 -1.19 0.00
NIAGARA____ 23760	24.12 -1.51 0.00	23.08 -1.40 0.00	26.13 -1.44 0.00	25.51 -1.48 0.00	27.41 -1.51 0.00	32.42 -1.70 0.00	35.10 -2.26 0.00	34.42 -2.16 0.46	32.30 -2.00 0.00	34.12 -0.95 0.00	35.61 -0.85 0.00	32.46 -1.02 0.00	28.95 -0.61 0.00	26.27 -0.30 0.00	24.75 -0.32 0.00	24.72 -0.48 0.00	26.61 -0.65 0.00	35.11 -1.57 0.00	36.55 -1.63 0.00	41.63 -1.68 0.00	37.36 -1.53 0.00	37.40 -1.37 0.00	36.52 -1.35 0.00	32.98 -0.94 0.00
NINE_MILE_1 23575	24.82 -0.81 0.00	23.70 -0.78 0.00	26.72 -0.85 0.00	26.15 -0.84 0.00	28.02 -0.89 0.00	33.10 -1.02 0.00	36.27 -1.09 0.00	36.00 -1.03 0.00	33.37 -0.93 0.00	34.19 -0.89 0.00	35.49 -0.97 0.00	32.55 -0.93 0.00	28.76 -0.81 0.00	25.89 -0.69 0.00	24.44 -0.63 0.00	24.57 -0.63 0.00	26.56 -0.70 0.00	35.70 -0.98 0.00	37.22 -0.95 0.00	42.20 -1.11 0.00	37.87 -1.02 0.00	37.73 -1.04 0.00	36.81 -1.06 0.00	32.96 -0.96 0.00
NINE_MILE_2 23744	24.82 -0.81 0.00	23.70 -0.78 0.00	26.72 -0.85 0.00	26.16 -0.83 0.00	28.03 -0.89 0.00	33.10 -1.01 0.00	36.27 -1.09 0.00	36.01 -1.03 0.00	33.37 -0.93 0.00	34.19 -0.88 0.00	35.49 -0.96 0.00	32.56 -0.93 0.00	28.76 -0.80 0.00	25.89 -0.68 0.00	24.44 -0.63 0.00	24.57 -0.63 0.00	26.57 -0.69 0.00	35.70 -0.98 0.00	37.23 -0.95 0.00	42.20 -1.11 0.00	37.87 -1.02 0.00	37.73 -1.04 0.00	36.81 -1.06 0.00	32.96 -0.96 0.00
NM_CAPITAL__DRP 24208	25.97 0.34 0.00	24.81 0.33 0.00	27.89 0.31 0.00	27.30 0.31 0.00	29.26 0.35 0.00	34.54 0.42 0.00	37.91 0.55 0.00	37.49 0.45 0.00	34.59 0.30 0.00	35.20 0.12 0.00	36.63 0.17 0.00	33.66 0.17 0.00	29.62 0.06 0.00	26.76 0.18 0.00	25.24 0.17 0.00	25.41 0.21 0.00	27.52 0.26 0.00	37.13 0.45 0.00	38.65 0.47 0.00	43.60 0.29 0.00	39.21 0.31 0.00	39.01 0.23 0.00	38.07 0.21 0.00	34.16 0.25 0.00



NM_CENTRAL___DRP 24181	25.28 -0.36 0.00	24.14 -0.34 0.00	27.23 -0.34 0.00	26.64 -0.35 0.00	28.55 -0.37 0.00	33.75 -0.37 0.00	37.02 -0.34 0.00	36.79 -0.24 0.00	34.09 -0.19 0.00	34.97 -0.10 0.00	36.26 -0.20 0.00	33.24 -0.24 0.00	29.37 -0.19 0.00	26.45 -0.13 0.00	24.98 -0.09 0.00	25.13 -0.07 0.00	27.17 -0.10 0.00	36.51 -0.17 0.00	38.10 -0.08 0.00	43.17 -0.14 0.00	38.73 -0.16 0.00	38.56 -0.22 0.00	37.57 -0.30 0.00	33.63 -0.29 0.00
NM_FRONTIER___DRP 24179	23.90 -1.73 0.00	22.89 -1.59 0.00	25.92 -1.67 0.00	25.29 -1.70 0.00	27.18 -1.74 0.00	32.16 -1.96 0.00	34.77 -2.59 0.00	34.07 -2.51 0.45	31.98 -2.31 0.00	33.84 -1.23 0.00	35.34 -1.12 0.00	32.23 -1.26 0.00	28.78 -0.78 0.00	26.09 -0.48 0.00	24.55 -0.52 0.00	24.56 -0.64 0.00	26.42 -0.84 0.00	34.81 -1.87 0.00	36.22 -1.96 0.00	41.28 -2.03 0.00	37.05 -1.84 0.00	37.10 -1.67 0.00	36.23 -1.64 0.00	32.73 -1.19 0.00
NM_ST_REGIS___HYD 24053	25.99 0.36 0.00	24.67 0.19 0.00	27.69 0.11 0.00	27.17 0.18 0.00	29.27 0.36 0.00	34.21 0.09 0.00	37.45 0.09 0.00	36.53 -0.50 0.00	33.84 -0.46 0.00	34.54 -0.52 0.00	35.93 -0.53 0.00	33.74 0.26 0.00	30.35 0.79 0.00	26.66 0.09 0.00	24.89 -0.18 0.00	25.08 -0.12 0.00	27.32 0.06 0.00	36.42 -0.26 0.00	38.57 0.39 0.00	43.83 0.52 0.00	39.89 1.00 0.00	40.87 2.10 0.00	40.05 2.18 0.00	35.82 1.90 0.00
NORTHPORT___1 23551	26.65 1.02 0.00	25.45 0.97 0.00	28.45 0.87 0.00	27.76 0.77 0.00	27.69 0.53 1.76	21.13 0.70 13.68	36.74 0.76 1.38	14.25 0.87 23.65	14.02 0.68 20.95	16.49 0.80 19.38	27.21 0.85 10.11	34.13 0.87 0.23	30.64 1.09 0.01	27.70 1.12 0.00	26.40 1.33 0.00	26.43 1.23 0.00	28.07 1.04 0.23	32.17 1.17 5.67	27.88 1.34 11.64	26.07 1.29 18.53	31.45 1.10 8.55	37.56 0.68 1.90	38.35 0.48 0.00	34.11 0.20 0.01
NORTHPORT___2 23552	26.65 1.02 0.00	25.45 0.97 0.00	28.45 0.87 0.00	27.76 0.77 0.00	27.69 0.53 1.76	21.13 0.70 13.68	36.74 0.76 1.38	14.25 0.87 23.65	14.02 0.68 20.95	16.49 0.80 19.38	27.21 0.85 10.11	34.13 0.87 0.23	30.64 1.09 0.01	27.70 1.12 0.00	26.40 1.33 0.00	26.43 1.23 0.00	28.07 1.04 0.23	32.17 1.17 5.67	27.88 1.34 11.64	26.07 1.29 18.53	31.45 1.10 8.55	37.56 0.68 1.90	38.35 0.48 0.00	34.11 0.20 0.01
NORTHPORT___3 23553	26.46 0.82 0.00	25.26 0.78 0.00	28.25 0.67 0.00	27.52 0.53 0.00	27.52 0.07 1.46	22.65 -0.14 11.32	36.34 0.10 1.12	17.35 -0.03 19.66	16.73 -0.15 17.40	19.00 0.04 16.11	28.04 -0.02 8.40	33.72 0.43 0.19	30.44 0.89 0.01	27.51 0.94 0.00	26.22 1.15 0.00	26.22 1.02 0.00	27.81 0.74 0.19	32.25 0.30 4.74	28.64 0.44 9.99	27.57 0.16 15.90	31.69 0.12 7.32	37.42 0.23 1.58	37.96 0.10 0.00	33.81 -0.10 0.01
NORTHPORT___4 23650	26.46 0.82 0.00	25.26 0.78 0.00	28.25 0.67 0.00	27.52 0.53 0.00	27.52 0.07 1.46	22.65 -0.14 11.32	36.34 0.10 1.12	17.35 -0.03 19.66	16.73 -0.15 17.40	19.00 0.04 16.11	28.04 -0.02 8.40	33.72 0.43 0.19	30.44 0.89 0.01	27.51 0.94 0.00	26.22 1.15 0.00	26.22 1.02 0.00	27.81 0.74 0.19	32.25 0.30 4.74	28.64 0.44 9.99	27.57 0.16 15.90	31.69 0.12 7.32	37.42 0.23 1.58	37.96 0.10 0.00	33.81 -0.10 0.01
NORTHPORT___IC 23718	26.65 1.02 0.00	25.45 0.97 0.00	28.45 0.87 0.00	27.76 0.77 0.00	27.69 0.54 1.76	21.13 0.70 13.68	36.74 0.76 1.38	14.26 0.88 23.65	14.03 0.68 20.95	16.49 0.80 19.38	27.20 0.85 10.11	34.12 0.87 0.23	30.63 1.08 0.01	27.70 1.12 0.00	26.41 1.34 0.00	26.43 1.23 0.00	28.07 1.04 0.23	32.17 1.17 5.67	27.88 1.33 11.64	26.07 1.29 18.53	31.44 1.10 8.55	37.56 0.68 1.90	38.34 0.48 0.00	34.11 0.20 0.01
NORTH___COUNTRY_ESR 323785	25.57 -0.06 0.00	24.34 -0.14 0.00	27.29 -0.29 0.00	26.70 -0.29 0.00	28.66 -0.25 0.00	33.62 -0.49 0.00	36.53 -0.84 0.00	36.18 -0.86 0.00	33.71 -0.58 0.00	34.59 -0.48 0.00	36.45 0.00 0.00	33.75 0.26 0.00	29.71 0.15 0.00	26.04 -0.54 0.00	24.30 -0.77 0.00	24.50 -0.71 0.00	26.68 -0.58 0.00	35.99 -0.69 0.00	37.55 -0.64 0.00	42.60 -0.71 0.00	38.27 -0.63 0.00	38.59 -0.19 0.00	38.15 0.29 0.00	34.30 0.38 0.00
NPX_GEN_1385_PROXY 323591	26.69 1.06 0.00	25.41 0.93 0.00	28.42 0.84 0.00	27.72 0.72 0.00	27.61 0.45 1.76	21.21 0.78 13.68	37.41 1.42 1.38	14.95 1.57 23.65	14.35 1.00 20.95	16.92 1.23 19.38	27.10 0.75 10.11	34.37 1.12 0.23	30.77 1.22 0.01	27.49 0.91 0.00	26.34 1.27 0.00	26.21 1.01 0.00	27.78 0.75 0.23	31.91 0.91 5.67	27.80 1.25 11.64	26.36 1.58 18.53	31.99 1.64 8.55	37.78 0.91 1.90	38.60 0.73 0.00	33.91 0.00 0.01
NPX_GEN_CSC 323557	26.70 1.07 0.00	25.49 1.01 0.00	28.44 0.86 0.00	27.77 0.78 0.00	27.77 0.57 1.72	21.56 0.78 13.34	36.94 0.92 1.34	14.99 1.03 23.07	14.70 0.84 20.43	17.08 0.91 18.90	27.39 0.79 9.86	34.12 0.86 0.22	30.64 1.09 0.01	27.69 1.12 0.00	26.43 1.36 0.00	26.51 1.31 0.00	28.30 1.26 0.22	32.70 1.56 5.54	28.65 1.89 11.41	27.02 1.88 18.17	32.05 1.54 8.38	38.07 1.15 1.85	38.80 0.93 0.00	34.51 0.60 0.01
NSINS_S___GLNS_FALLS 23858	26.79 1.16 0.00	25.57 1.09 0.00	28.74 1.16 0.00	28.12 1.13 0.00	30.20 1.28 0.00	35.70 1.58 0.00	39.24 1.88 0.00	38.96 1.92 0.00	35.88 1.59 0.00	36.31 1.24 0.00	37.85 1.40 0.00	34.77 1.28 0.00	30.39 0.83 0.00	27.39 0.81 0.00	25.78 0.71 0.00	25.99 0.79 0.00	28.32 1.06 0.00	38.46 1.79 0.00	40.17 1.99 0.00	45.39 2.08 0.00	40.83 1.94 0.00	40.57 1.79 0.00	39.50 1.63 0.00	35.33 1.41 0.00
NUCOR_STEEL___DRP 24197	25.44 -0.19 0.00	24.31 -0.17 0.00	27.44 -0.14 0.00	26.82 -0.17 0.00	28.76 -0.15 0.00	33.99 -0.13 0.00	37.28 -0.08 0.00	37.05 0.01 0.00	34.32 0.03 0.00	35.19 0.12 0.00	36.44 -0.02 0.00	33.40 -0.08 0.00	29.50 -0.06 0.00	26.55 -0.02 0.00	25.11 0.04 0.00	25.29 0.09 0.00	27.37 0.11 0.00	36.79 0.11 0.00	38.40 0.21 0.00	43.48 0.17 0.00	38.99 0.10 0.00	38.83 0.05 0.00	37.82 -0.05 0.00	33.87 -0.05 0.00
NUMBER_THREE_WT_PWR 323818	25.76 0.13 0.00	24.43 -0.04 0.00	27.55 -0.02 0.00	27.04 0.04 0.00	29.15 0.24 0.00	34.46 0.35 0.00	38.15 0.79 0.00	37.81 0.77 0.00	34.92 0.63 0.00	35.30 0.23 0.00	36.42 -0.04 0.00	33.96 0.47 0.00	30.10 0.54 0.00	26.80 0.23 0.00	25.27 0.20 0.00	25.42 0.22 0.00	27.56 0.30 0.00	37.55 0.87 0.00	39.73 1.55 0.00	44.85 1.54 0.00	40.17 1.28 0.00	40.36 1.59 0.00	39.58 1.72 0.00	35.45 1.53 0.00
NYISO_LBMP_REFERENCE 24008	25.63 0.00 0.00	24.48 0.00 0.00	27.58 0.00 0.00	26.99 0.00 0.00	28.91 0.00 0.00	34.12 0.00 0.00	37.36 0.00 0.00	37.04 0.00 0.00	34.29 0.00 0.00	35.07 0.00 0.00	36.46 0.00 0.00	33.48 0.00 0.00	29.56 0.00 0.00	26.58 0.00 0.00	25.07 0.00 0.00	25.20 0.00 0.00	27.26 0.00 0.00	36.67 0.00 0.00	38.18 0.00 0.00	43.31 0.00 0.00	38.90 0.00 0.00	38.78 0.00 0.00	37.87 0.00 0.00	33.92 0.00 0.00



NYPA_BRENTWD____GT 24164	26.86 1.23 0.00	25.63 1.15 0.00	28.66 1.09 0.00	27.96 0.97 0.00	28.02 0.77 1.67	22.11 0.98 12.99	37.23 1.17 1.30	15.83 1.27 22.48	15.45 1.06 19.90	17.80 1.14 18.42	28.00 1.14 9.60	34.40 1.13 0.22	30.86 1.31 0.01	27.89 1.32 0.00	26.59 1.52 0.00	26.65 1.45 0.00	28.39 1.35 0.22	32.88 1.60 5.40	28.85 1.85 11.18	27.37 1.86 17.80	32.27 1.58 8.20	38.18 1.21 1.81	38.83 0.96 0.00	34.56 0.64 0.01
NYPA_GOWANUS____GT5 24156	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.79 1.43 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.73 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NYPA_GOWANUS____GT6 24157	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.79 1.43 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.56 1.49 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.34 0.00	27.98 1.41 0.00	26.55 1.47 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.73 0.00	40.47 1.70 0.00	39.33 1.47 0.00	35.16 1.24 0.00
NYPA_HARLEM__RVR__GT1 24160	26.68 1.04 -0.01	25.44 0.96 0.00	28.55 0.97 0.00	28.01 1.01 0.00	29.88 0.96 0.00	35.32 1.21 0.00	38.70 1.34 0.00	38.39 1.36 0.00	35.54 1.25 0.00	36.46 1.39 0.00	37.79 1.33 0.00	34.79 1.31 0.01	30.85 1.29 0.00	27.96 1.39 0.00	26.50 1.43 0.00	26.68 1.48 0.00	28.66 1.41 0.00	38.37 1.69 0.00	39.98 1.80 0.00	45.04 1.73 0.00	40.47 1.58 0.00	40.27 1.49 0.00	39.18 1.32 0.00	35.01 1.09 0.00
NYPA_HARLEM__RVR__GT2 24161	26.68 1.04 -0.01	25.44 0.96 0.00	28.55 0.97 0.00	28.01 1.01 0.00	29.88 0.96 0.00	35.32 1.21 0.00	38.70 1.34 0.00	38.39 1.36 0.00	35.54 1.25 0.00	36.46 1.39 0.00	37.79 1.33 0.00	34.79 1.31 0.01	30.85 1.29 0.00	27.96 1.39 0.00	26.50 1.43 0.00	26.68 1.48 0.00	28.66 1.41 0.00	38.37 1.69 0.00	39.98 1.80 0.00	45.04 1.73 0.00	40.47 1.58 0.00	40.27 1.49 0.00	39.18 1.32 0.00	35.01 1.09 0.00
NYPA_KENT____GT 24152	26.77 1.13 -0.01	25.51 1.04 0.00	28.63 1.05 0.00	28.05 1.06 0.00	29.98 1.07 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.52 1.49 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.95 1.49 0.00	34.95 1.47 0.00	30.95 1.39 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.77 1.56 0.00	28.78 1.53 0.00	38.59 1.92 0.00	40.21 2.03 0.00	45.27 1.96 0.00	40.67 1.77 0.00	40.47 1.70 0.00	39.35 1.48 0.00	35.16 1.25 0.00
NYPA_POUCH1____GT 24155	26.72 1.08 -0.01	25.46 0.98 0.00	28.58 1.00 0.00	28.01 1.01 0.00	29.93 1.01 0.00	35.36 1.25 0.00	38.69 1.33 0.00	38.33 1.30 0.00	35.46 1.17 0.00	36.40 1.34 0.00	37.72 1.26 0.00	34.83 1.34 0.00	30.76 1.19 0.00	27.86 1.28 0.00	26.42 1.35 0.00	26.59 1.39 0.00	28.60 1.34 0.00	38.34 1.67 0.00	38.78 1.75 1.15	45.01 1.70 0.00	40.46 1.57 0.00	40.37 1.59 0.00	39.22 1.35 0.00	35.09 1.17 0.00
NYPA_VERNON____GT2 24162	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.45 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.94 1.49 0.00	34.95 1.47 0.00	30.95 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.77 1.57 0.00	28.78 1.53 0.00	38.59 1.91 0.00	40.20 2.02 0.00	45.28 1.97 0.00	40.65 1.75 0.00	40.43 1.65 0.00	39.32 1.45 0.00	35.15 1.23 0.00
NYPA_VERNON____GT3 24163	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.45 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.94 1.49 0.00	34.95 1.47 0.00	30.95 1.38 0.00	28.03 1.45 0.00	26.59 1.52 0.00	26.77 1.57 0.00	28.78 1.53 0.00	38.59 1.91 0.00	40.20 2.02 0.00	45.28 1.97 0.00	40.65 1.75 0.00	40.43 1.65 0.00	39.32 1.45 0.00	35.15 1.23 0.00
NYPA__ASTORIA_CC1 323568	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.07 1.07 0.00	29.98 1.07 0.00	35.44 1.33 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.57 1.50 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.99 0.00	45.25 1.94 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
NYPA__ASTORIA_CC2 323569	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.07 1.07 0.00	29.98 1.07 0.00	35.44 1.33 0.00	38.82 1.46 0.00	38.51 1.48 0.00	35.62 1.33 0.00	36.57 1.50 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.94 1.38 0.00	28.03 1.45 0.00	26.57 1.50 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.55 1.88 0.00	40.17 1.99 0.00	45.25 1.94 0.00	40.62 1.72 0.00	40.40 1.63 0.00	39.31 1.44 0.00	35.15 1.23 0.00
NYPA__HOLTSVILL 23794	26.65 1.02 0.00	25.43 0.95 0.00	28.41 0.83 0.00	27.73 0.75 0.00	27.72 0.53 1.72	21.44 0.69 13.37	36.83 0.81 1.34	14.80 0.90 23.13	14.54 0.74 20.48	16.97 0.85 18.95	27.36 0.78 9.88	34.09 0.83 0.22	30.60 1.04 0.01	27.65 1.08 0.00	26.37 1.30 0.00	26.43 1.23 0.00	28.17 1.13 0.22	32.42 1.30 5.55	28.29 1.54 11.44	26.61 1.51 18.21	31.73 1.23 8.39	37.79 0.87 1.86	38.53 0.66 0.00	34.33 0.41 0.01
NYPA__HELLGATE_GT1 24158	26.68 1.04 -0.01	25.44 0.96 0.00	28.55 0.97 0.00	28.01 1.01 0.00	29.88 0.96 0.00	35.32 1.21 0.00	38.74 1.38 0.00	38.45 1.41 0.00	35.57 1.28 0.00	36.46 1.39 0.00	37.79 1.33 0.00	34.79 1.31 0.01	30.85 1.29 0.00	27.96 1.39 0.00	26.50 1.43 0.00	26.68 1.48 0.00	28.66 1.41 0.00	38.41 1.73 0.00	40.01 1.83 0.00	45.12 1.81 0.00	40.52 1.62 0.00	40.27 1.50 0.00	39.18 1.32 0.00	35.01 1.09 0.00
NYPA__HELLGATE_GT2 24159	26.68 1.04 -0.01	25.44 0.96 0.00	28.55 0.97 0.00	28.01 1.01 0.00	29.88 0.96 0.00	35.32 1.21 0.00	38.74 1.38 0.00	38.45 1.41 0.00	35.57 1.28 0.00	36.46 1.39 0.00	37.79 1.33 0.00	34.79 1.31 0.01	30.85 1.29 0.00	27.96 1.39 0.00	26.50 1.43 0.00	26.68 1.48 0.00	28.66 1.41 0.00	38.41 1.73 0.00	40.01 1.83 0.00	45.12 1.81 0.00	40.52 1.62 0.00	40.27 1.50 0.00	39.18 1.32 0.00	35.01 1.09 0.00
NYS_BARGE__HYD 23848	24.42 -1.21 0.00	23.36 -1.12 0.00	26.45 -1.13 0.00	25.81 -1.18 0.00	27.67 -1.24 0.00	32.71 -1.41 0.00	35.36 -2.00 0.00	34.65 -1.91 0.47	32.57 -1.72 0.00	34.36 -0.71 0.00	35.81 -0.65 0.00	32.67 -0.81 0.00	29.11 -0.45 0.00	26.40 -0.18 0.00	24.90 -0.17 0.00	24.86 -0.35 0.00	26.73 -0.52 0.00	35.27 -1.41 0.00	36.80 -1.39 0.00	41.96 -1.35 0.00	37.67 -1.23 0.00	37.69 -1.09 0.00	36.73 -1.14 0.00	33.24 -0.68 0.00



OAK ORCHARD___HYD 24046	25.13 -0.50 0.00	23.99 -0.49 0.00	27.09 -0.49 0.00	26.50 -0.50 0.00	28.45 -0.47 0.00	33.66 -0.46 0.00	36.74 -0.62 0.00	36.54 -0.41 0.08	34.14 -0.15 0.00	35.39 0.32 0.00	36.78 0.33 0.00	33.59 0.11 0.00	29.79 0.23 0.00	26.90 0.33 0.00	25.37 0.30 0.00	25.41 0.21 0.00	27.40 0.14 0.00	36.54 -0.14 0.00	38.13 -0.05 0.00	43.36 0.05 0.00	38.86 -0.03 0.00	38.74 -0.04 0.00	37.70 -0.16 0.00	33.87 -0.05 0.00
OAKDALE___35_KV_LOAD 356122	25.57 -0.07 0.00	24.45 -0.03 0.00	27.70 0.12 0.00	27.05 0.05 0.00	28.97 0.06 0.00	34.19 0.07 0.00	37.40 0.04 0.00	37.30 0.17 -0.09	34.45 0.15 0.00	35.50 0.43 0.00	36.67 0.21 0.00	33.54 0.06 0.00	29.73 0.16 0.00	26.83 0.25 0.00	25.34 0.27 0.00	25.49 0.29 0.00	27.53 0.27 0.00	37.00 0.32 0.00	38.65 0.47 0.00	43.73 0.42 0.00	39.27 0.38 0.00	39.07 0.30 0.00	38.10 0.24 0.00	34.10 0.18 0.00
OCC_CHEM___DRP 24175	23.95 -1.68 0.00	22.93 -1.54 0.00	25.97 -1.61 0.00	25.35 -1.64 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.15 -2.43 0.45	32.05 -2.24 0.00	33.91 -1.16 0.00	35.41 -1.05 0.00	32.29 -1.19 0.00	28.84 -0.72 0.00	26.15 -0.42 0.00	24.61 -0.46 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.88 -1.79 0.00	36.30 -1.88 0.00	41.37 -1.94 0.00	37.13 -1.77 0.00	37.18 -1.59 0.00	36.30 -1.56 0.00	32.80 -1.12 0.00
OH_GEN_PROXY 24063	24.15 -1.48 0.00	23.11 -1.36 0.00	26.18 -1.40 0.00	25.56 -1.43 0.00	27.47 -1.45 0.00	32.48 -1.64 0.00	35.18 -2.18 0.00	34.57 -2.05 0.41	32.38 -1.91 0.00	34.19 -0.88 0.00	35.67 -0.79 0.00	32.50 -0.98 0.00	28.99 -0.57 0.00	26.32 -0.26 0.00	24.77 -0.29 0.00	24.76 -0.44 0.00	26.67 -0.59 0.00	35.23 -1.45 0.00	36.68 -1.50 0.00	41.76 -1.56 0.00	37.47 -1.42 0.00	37.49 -1.29 0.00	36.58 -1.29 0.00	33.01 -0.91 0.00
OLIN_CORP_DRP 24177	24.07 -1.57 0.00	23.02 -1.46 0.00	26.06 -1.52 0.00	25.44 -1.54 0.00	27.32 -1.59 0.00	32.31 -1.81 0.00	34.95 -2.41 0.00	34.23 -2.37 0.44	32.07 -2.22 0.00	33.90 -1.17 0.00	35.33 -1.12 0.00	32.26 -1.22 0.00	28.80 -0.76 0.00	26.10 -0.48 0.00	24.58 -0.48 0.00	24.55 -0.65 0.00	26.39 -0.87 0.00	34.78 -1.89 0.00	36.24 -1.94 0.00	41.34 -1.97 0.00	37.12 -1.78 0.00	37.17 -1.60 0.00	36.24 -1.62 0.00	32.81 -1.11 0.00
OLIN_CORP_DSASP 323712	23.95 -1.68 0.00	22.93 -1.55 0.00	25.97 -1.61 0.00	25.34 -1.65 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.14 -2.45 0.45	32.04 -2.26 0.00	33.89 -1.18 0.00	35.40 -1.06 0.00	32.29 -1.19 0.00	28.81 -0.75 0.00	26.15 -0.42 0.00	24.63 -0.44 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.87 -1.81 0.00	36.30 -1.89 0.00	41.37 -1.94 0.00	37.13 -1.76 0.00	37.18 -1.59 0.00	36.30 -1.57 0.00	32.80 -1.12 0.00
ONEIDA_HERK_LFGE 323681	25.99 0.36 0.00	24.76 0.28 0.00	27.92 0.34 0.00	27.33 0.34 0.00	29.38 0.46 0.00	34.75 0.64 0.00	38.32 0.96 0.00	38.01 0.98 0.00	35.12 0.83 0.00	35.73 0.66 0.00	36.99 0.54 0.00	34.15 0.67 0.00	30.18 0.62 0.00	27.00 0.42 0.00	25.47 0.40 0.00	25.61 0.41 0.00	27.75 0.49 0.00	37.60 0.92 0.00	39.54 1.36 0.00	44.73 1.42 0.00	40.11 1.22 0.00	40.07 1.29 0.00	39.15 1.29 0.00	35.03 1.11 0.00
ONEIDA___115KV_TB4 55905	26.12 0.49 0.00	24.93 0.45 0.00	28.13 0.55 0.00	27.50 0.51 0.00	29.50 0.59 0.00	34.98 0.87 0.00	38.51 1.15 0.00	38.28 1.24 0.00	35.38 1.09 0.00	36.10 1.03 0.00	37.40 0.94 0.00	34.31 0.83 0.00	30.25 0.69 0.00	27.03 0.45 0.00	25.47 0.41 0.00	25.62 0.42 0.00	27.79 0.53 0.00	37.52 0.84 0.00	39.57 1.39 0.00	44.81 1.50 0.00	40.19 1.29 0.00	40.00 1.22 0.00	39.00 1.13 0.00	34.86 0.94 0.00
ONONDAGA_REF_OCCRA 23987	25.43 -0.20 0.00	24.29 -0.19 0.00	27.41 -0.16 0.00	26.81 -0.18 0.00	28.73 -0.18 0.00	33.96 -0.16 0.00	37.27 -0.09 0.00	37.05 0.01 0.00	34.31 0.02 0.00	35.19 0.12 0.00	36.47 0.01 0.00	33.41 -0.07 0.00	29.52 -0.05 0.00	26.59 0.01 0.00	25.11 0.04 0.00	25.28 0.08 0.00	27.34 0.07 0.00	36.76 0.09 0.00	38.38 0.20 0.00	43.48 0.17 0.00	39.02 0.12 0.00	38.83 0.06 0.00	37.83 -0.04 0.00	33.85 -0.07 0.00
ONONDAGA___COGEN 23986	25.38 -0.25 0.00	24.23 -0.24 0.00	27.35 -0.23 0.00	26.75 -0.24 0.00	28.67 -0.25 0.00	33.88 -0.23 0.00	37.18 -0.18 0.00	36.96 -0.08 0.00	34.22 -0.08 0.00	35.09 0.01 0.00	36.36 -0.09 0.00	33.34 -0.14 0.00	29.45 -0.11 0.00	26.52 -0.06 0.00	25.06 -0.01 0.00	25.21 0.01 0.00	27.27 0.01 0.00	36.67 0.00 0.00	38.26 0.07 0.00	43.33 0.02 0.00	38.89 -0.01 0.00	38.71 -0.06 0.00	37.72 -0.14 0.00	33.77 -0.15 0.00
ONTARIO___LFGE 23819	25.58 -0.05 0.00	24.43 -0.04 0.00	27.69 0.11 0.00	27.04 0.05 0.00	29.00 0.09 0.00	34.29 0.17 0.00	37.50 0.14 0.00	37.78 0.47 -0.27	34.94 0.65 0.00	35.91 0.84 0.00	37.17 0.71 0.00	33.91 0.43 0.00	29.95 0.39 0.00	27.07 0.49 0.00	25.54 0.47 0.00	25.71 0.50 0.00	27.82 0.56 0.00	37.23 0.55 0.00	39.07 0.89 0.00	44.28 0.97 0.00	39.70 0.80 0.00	39.46 0.69 0.00	38.50 0.64 0.00	34.48 0.56 0.00
ORANGEVILLE_WT_PWR 323706	24.51 -1.12 0.00	23.50 -0.98 0.00	26.77 -0.81 0.00	26.09 -0.90 0.00	27.89 -1.03 0.00	32.95 -1.17 0.00	35.52 -1.84 0.00	32.43 -1.60 3.01	33.19 -1.10 0.00	34.91 -0.16 0.00	36.19 -0.26 0.00	32.96 -0.52 0.00	29.30 -0.26 0.00	26.61 0.04 0.00	25.12 0.05 0.00	25.08 -0.12 0.00	27.03 -0.23 0.00	36.02 -0.66 0.00	37.71 -0.48 0.00	42.73 -0.58 0.00	38.36 -0.54 0.00	38.26 -0.52 0.00	37.32 -0.55 0.00	33.69 -0.23 0.00
ORANGEVILLE___ESR 323794	24.51 -1.12 0.00	23.50 -0.98 0.00	26.77 -0.81 0.00	26.09 -0.90 0.00	27.89 -1.03 0.00	32.95 -1.17 0.00	35.52 -1.84 0.00	32.43 -1.60 3.01	33.19 -1.10 0.00	34.91 -0.16 0.00	36.19 -0.26 0.00	32.96 -0.52 0.00	29.30 -0.26 0.00	26.61 0.04 0.00	25.12 0.05 0.00	25.08 -0.12 0.00	27.03 -0.23 0.00	36.02 -0.66 0.00	37.71 -0.48 0.00	42.73 -0.58 0.00	38.36 -0.54 0.00	38.26 -0.52 0.00	37.32 -0.55 0.00	33.69 -0.23 0.00
OSWEGATCHIE___HYD 24044	25.87 0.24 0.00	24.53 0.05 0.00	27.61 0.03 0.00	27.10 0.11 0.00	29.23 0.31 0.00	34.33 0.21 0.00	37.83 0.47 0.00	37.14 0.10 0.00	34.29 0.00 0.00	34.77 -0.30 0.00	35.95 -0.51 0.00	33.70 0.22 0.00	30.18 0.62 0.00	26.73 0.15 0.00	25.07 0.00 0.00	25.24 0.04 0.00	27.41 0.15 0.00	36.90 0.23 0.00	39.17 0.99 0.00	44.39 1.08 0.00	40.16 1.27 0.00	40.82 2.05 0.00	39.96 2.09 0.00	35.73 1.81 0.00
OSWEGO___5 23606	25.00 -0.63 0.00	23.87 -0.61 0.00	26.92 -0.65 0.00	26.34 -0.64 0.00	28.23 -0.68 0.00	33.34 -0.78 0.00	36.54 -0.82 0.00	36.27 -0.76 0.00	33.62 -0.67 0.00	34.45 -0.62 0.00	35.75 -0.70 0.00	32.80 -0.68 0.00	28.97 -0.59 0.00	26.09 -0.49 0.00	24.62 -0.45 0.00	24.76 -0.44 0.00	26.77 -0.49 0.00	35.98 -0.70 0.00	37.52 -0.66 0.00	42.53 -0.78 0.00	38.17 -0.72 0.00	38.02 -0.75 0.00	37.08 -0.78 0.00	33.22 -0.70 0.00



OSWEGO___6 23613	25.00 -0.63 0.00	23.87 -0.61 0.00	26.92 -0.65 0.00	26.34 -0.64 0.00	28.23 -0.68 0.00	33.34 -0.78 0.00	36.54 -0.82 0.00	36.27 -0.76 0.00	33.62 -0.67 0.00	34.45 -0.62 0.00	35.75 -0.70 0.00	32.80 -0.68 0.00	28.97 -0.59 0.00	26.09 -0.49 0.00	24.62 -0.45 0.00	24.76 -0.44 0.00	26.77 -0.49 0.00	35.98 -0.70 0.00	37.52 -0.66 0.00	42.53 -0.78 0.00	38.17 -0.72 0.00	38.02 -0.75 0.00	37.08 -0.78 0.00	33.22 -0.70 0.00
OUTOKUMPU-AB___DRP 24206	24.57 -1.06 0.00	23.52 -0.96 0.00	26.65 -0.93 0.00	26.00 -1.00 0.00	27.90 -1.01 0.00	33.01 -1.11 0.00	35.80 -1.56 0.00	35.16 -1.45 0.43	32.97 -1.33 0.00	34.83 -0.24 0.00	36.28 -0.17 0.00	33.08 -0.40 0.00	29.53 -0.04 0.00	26.76 0.19 0.00	25.21 0.14 0.00	25.21 0.01 0.00	27.11 -0.15 0.00	35.82 -0.85 0.00	37.34 -0.84 0.00	42.55 -0.76 0.00	38.20 -0.70 0.00	38.18 -0.59 0.00	37.23 -0.63 0.00	33.62 -0.30 0.00
OXBOW___BTM 323836	24.31 -1.32 0.00	23.28 -1.20 0.00	26.36 -1.22 0.00	25.72 -1.27 0.00	27.62 -1.29 0.00	32.69 -1.43 0.00	35.39 -1.97 0.00	34.73 -1.87 0.44	32.57 -1.72 0.00	34.43 -0.64 0.00	35.94 -0.52 0.00	32.75 -0.73 0.00	29.22 -0.34 0.00	26.52 -0.06 0.00	24.99 -0.08 0.00	24.96 -0.24 0.00	26.86 -0.40 0.00	35.42 -1.26 0.00	36.90 -1.28 0.00	42.06 -1.26 0.00	37.76 -1.14 0.00	37.78 -0.99 0.00	36.85 -1.02 0.00	33.27 -0.65 0.00
OXBOW____ 24026	24.30 -1.33 0.00	23.27 -1.21 0.00	26.36 -1.22 0.00	25.71 -1.28 0.00	27.62 -1.29 0.00	32.69 -1.43 0.00	35.39 -1.97 0.00	34.73 -1.86 0.44	32.58 -1.71 0.00	34.45 -0.63 0.00	35.93 -0.52 0.00	32.76 -0.72 0.00	29.25 -0.31 0.00	26.52 -0.06 0.00	24.97 -0.10 0.00	24.97 -0.23 0.00	26.86 -0.40 0.00	35.43 -1.24 0.00	36.91 -1.27 0.00	42.06 -1.25 0.00	37.76 -1.14 0.00	37.78 -0.99 0.00	36.85 -1.02 0.00	33.28 -0.64 0.00
OXY_CHEM_DSASP 323612	23.95 -1.68 0.00	22.93 -1.54 0.00	25.97 -1.61 0.00	25.35 -1.64 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.15 -2.43 0.45	32.05 -2.24 0.00	33.91 -1.16 0.00	35.41 -1.05 0.00	32.29 -1.19 0.00	28.84 -0.72 0.00	26.15 -0.42 0.00	24.61 -0.46 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.88 -1.79 0.00	36.30 -1.88 0.00	41.37 -1.94 0.00	37.13 -1.77 0.00	37.18 -1.59 0.00	36.30 -1.56 0.00	32.80 -1.12 0.00
OZONE_PARK_ESR 323760	26.87 1.24 0.00	25.61 1.13 0.00	28.74 1.17 0.00	28.15 1.16 0.00	30.10 1.18 0.00	35.61 1.49 0.00	39.07 1.71 0.00	38.80 1.77 0.00	35.85 1.56 0.00	36.77 1.70 0.00	38.12 1.66 0.00	35.09 1.61 0.00	31.09 1.53 0.00	28.17 1.60 0.00	26.72 1.65 0.00	26.89 1.69 0.00	28.94 1.68 0.00	38.82 2.14 0.00	40.43 2.25 0.00	45.58 2.27 0.00	40.90 2.01 0.00	40.67 1.89 0.00	39.54 1.67 0.00	35.31 1.39 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	23.95 -1.68 0.00	22.93 -1.54 0.00	25.97 -1.61 0.00	25.35 -1.64 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.15 -2.43 0.45	32.05 -2.24 0.00	33.91 -1.16 0.00	35.41 -1.05 0.00	32.29 -1.19 0.00	28.84 -0.72 0.00	26.15 -0.42 0.00	24.61 -0.46 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.88 -1.79 0.00	36.30 -1.88 0.00	41.37 -1.94 0.00	37.13 -1.77 0.00	37.18 -1.59 0.00	36.30 -1.56 0.00	32.80 -1.12 0.00
PACKARD__115KV_DUPONT_184 80571	23.95 -1.68 0.00	22.93 -1.54 0.00	25.97 -1.61 0.00	25.35 -1.64 0.00	27.23 -1.68 0.00	32.22 -1.90 0.00	34.84 -2.52 0.00	34.15 -2.43 0.45	32.05 -2.24 0.00	33.91 -1.16 0.00	35.41 -1.05 0.00	32.29 -1.19 0.00	28.84 -0.72 0.00	26.15 -0.42 0.00	24.61 -0.46 0.00	24.61 -0.59 0.00	26.47 -0.79 0.00	34.88 -1.79 0.00	36.30 -1.88 0.00	41.37 -1.94 0.00	37.13 -1.77 0.00	37.18 -1.59 0.00	36.30 -1.56 0.00	32.80 -1.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.68 1.05 -0.01	25.44 0.96 0.00	28.56 0.98 0.00	28.00 1.00 0.00	29.89 0.97 0.00	35.34 1.22 0.00	38.75 1.39 0.00	38.42 1.38 0.00	35.52 1.22 0.00	36.38 1.31 0.00	37.70 1.25 0.00	34.72 1.24 0.00	30.76 1.20 0.00	27.89 1.31 0.00	26.44 1.37 0.00	26.61 1.41 0.00	28.61 1.34 0.00	38.36 1.69 0.00	39.98 1.80 0.00	45.08 1.77 0.00	40.49 1.60 0.00	40.27 1.49 0.00	39.17 1.31 0.00	35.01 1.09 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.69 1.05 -0.01	25.44 0.96 0.00	28.56 0.98 0.00	28.00 1.01 0.00	29.89 0.98 0.00	35.35 1.24 0.00	38.76 1.40 0.00	38.42 1.38 0.00	35.52 1.23 0.00	36.38 1.31 0.00	37.71 1.25 0.00	34.72 1.24 0.00	30.76 1.20 0.00	27.89 1.31 0.00	26.44 1.37 0.00	26.61 1.41 0.00	28.61 1.34 0.00	38.36 1.69 0.00	39.99 1.81 0.00	45.08 1.77 0.00	40.50 1.60 0.00	40.27 1.49 0.00	39.17 1.31 0.00	35.01 1.09 0.00
PATROON__115KV_TB1 80586	25.97 0.34 0.00	24.80 0.32 0.00	27.89 0.31 0.00	27.30 0.31 0.00	29.26 0.35 0.00	34.55 0.43 0.00	37.93 0.57 0.00	37.53 0.50 0.00	34.62 0.33 0.00	35.24 0.17 0.00	36.67 0.21 0.00	33.70 0.22 0.00	29.66 0.09 0.00	26.78 0.20 0.00	25.26 0.19 0.00	25.43 0.22 0.00	27.56 0.30 0.00	37.20 0.52 0.00	38.74 0.55 0.00	43.71 0.40 0.00	39.29 0.39 0.00	39.06 0.28 0.00	38.11 0.25 0.00	34.20 0.28 0.00
PATTRSNVILLE___SOLAR 323815	26.45 0.82 0.00	25.26 0.78 0.00	28.43 0.85 0.00	27.84 0.84 0.00	29.83 0.92 0.00	35.22 1.10 0.00	38.66 1.30 0.00	38.34 1.31 0.00	35.24 0.94 0.00	35.68 0.61 0.00	37.29 0.83 0.00	34.23 0.75 0.00	30.00 0.44 0.00	26.98 0.41 0.00	25.44 0.38 0.00	25.57 0.37 0.00	27.86 0.60 0.00	37.84 1.16 0.00	39.63 1.45 0.00	44.84 1.53 0.00	40.28 1.39 0.00	40.06 1.29 0.00	39.08 1.21 0.00	34.98 1.06 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	24.89 -0.74 0.00	23.84 -0.64 0.00	27.07 -0.51 0.00	26.40 -0.59 0.00	28.35 -0.57 0.00	33.52 -0.60 0.00	36.51 -0.85 0.00	36.09 -0.61 0.33	33.66 -0.64 0.00	35.44 0.37 0.00	36.80 0.34 0.00	33.49 0.00 0.00	29.93 0.37 0.00	27.15 0.58 0.00	25.54 0.48 0.00	25.57 0.37 0.00	27.55 0.29 0.00	36.51 -0.16 0.00	38.11 -0.07 0.00	43.33 0.02 0.00	38.90 0.00 0.00	38.83 0.05 0.00	37.85 -0.02 0.00	34.07 0.14 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	26.67 1.04 0.00	25.44 0.97 0.00	28.59 1.01 0.00	27.99 1.00 0.00	29.94 1.03 0.00	35.43 1.31 0.00	38.91 1.55 0.00	38.64 1.60 0.00	35.67 1.38 0.00	36.47 1.40 0.00	37.78 1.33 0.00	34.72 1.24 0.00	30.72 1.15 0.00	27.81 1.23 0.00	26.37 1.31 0.00	26.55 1.35 0.00	28.63 1.37 0.00	38.49 1.81 0.00	40.15 1.97 0.00	45.29 1.98 0.00	40.64 1.75 0.00	40.38 1.61 0.00	39.27 1.41 0.00	35.08 1.16 0.00
PEEKSKILL____ 23653	26.40 0.77 0.00	25.19 0.71 0.00	28.30 0.72 0.00	27.71 0.72 0.00	29.64 0.73 0.00	35.05 0.93 0.00	38.43 1.07 0.00	38.13 1.10 0.00	35.21 0.92 0.00	36.07 1.00 0.00	37.36 0.90 0.00	34.37 0.89 0.00	30.44 0.87 0.00	27.55 0.97 0.00	26.11 1.04 0.00	26.28 1.08 0.00	28.29 1.03 0.00	38.00 1.33 0.00	39.62 1.44 0.00	44.66 1.36 0.00	40.09 1.19 0.00	39.85 1.08 0.00	38.78 0.92 0.00	34.67 0.75 0.00



PGE MADISON___WINDPWR 24146	27.27 1.64 0.00	25.90 1.43 0.00	29.57 2.00 0.00	28.72 1.72 0.00	30.80 1.89 0.00	36.54 2.43 0.00	40.24 2.88 0.00	40.03 2.87 -0.13	36.83 2.54 0.00	37.74 2.67 0.00	38.79 2.33 0.00	35.36 1.88 0.00	31.00 1.44 0.00	27.80 1.22 0.00	26.34 1.28 0.00	26.67 1.47 0.00	29.13 1.86 0.00	39.47 2.79 0.00	41.69 3.51 0.00	47.51 4.20 0.00	42.48 3.58 0.00	42.30 3.52 0.00	41.16 3.29 0.00	36.73 2.80 0.00
PIERCEFIELD___HYD 23852	25.98 0.35 0.00	24.64 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.71 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.56 0.07 0.00	30.33 0.77 0.00	26.69 0.12 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
PINELAWN_CC_1 323563	26.74 1.10 0.00	25.51 1.03 0.00	28.53 0.96 0.00	27.86 0.87 0.00	27.89 0.48 1.51	22.95 0.51 11.68	36.82 0.62 1.16	17.28 0.53 20.28	16.79 0.46 17.96	19.03 0.58 16.62	28.29 0.50 8.66	33.89 0.61 0.20	30.40 0.84 0.01	27.45 0.88 0.00	26.13 1.06 0.00	26.23 1.03 0.00	27.94 0.87 0.19	32.62 0.84 4.89	28.88 1.03 10.34	27.75 0.89 16.45	32.08 0.75 7.57	37.80 0.65 1.63	38.40 0.54 0.00	34.16 0.24 0.01
PJM_GEN_HTP_PROXY 323702	26.60 0.97 0.00	25.37 0.90 0.00	28.48 0.90 0.00	27.90 0.91 0.00	29.83 0.92 0.00	35.27 1.15 0.00	38.68 1.32 0.00	38.39 1.36 0.00	36.01 1.19 -0.52	36.39 1.32 0.00	37.72 1.26 0.00	34.20 1.24 0.52	30.76 1.20 0.00	27.86 1.28 0.00	26.41 1.35 0.00	26.59 1.39 0.00	28.62 1.36 0.00	38.38 1.71 0.00	39.98 1.80 0.00	45.04 1.73 0.00	40.41 1.52 0.00	40.17 1.39 0.00	39.09 1.22 0.00	34.93 1.01 0.00
PJM_GEN_KEystone 24065	25.38 -0.25 0.00	23.33 -0.22 0.93	27.45 -0.13 0.00	26.84 -0.15 0.00	28.76 -0.15 0.00	33.95 -0.17 0.00	37.08 -0.28 0.00	36.77 -0.16 0.10	34.56 -0.25 -0.52	38.05 0.25 -2.72	35.85 0.03 0.64	31.32 -0.12 2.04	29.70 0.14 0.00	26.92 0.35 0.00	25.45 0.38 0.00	25.55 0.35 0.00	27.50 0.24 0.00	36.80 0.12 0.00	38.42 0.24 0.00	43.41 0.10 0.00	38.99 0.09 0.00	38.84 0.07 0.00	37.82 -0.05 0.00	33.86 -0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.52 0.89 0.00	25.29 0.82 0.00	28.34 0.76 0.00	27.71 0.72 0.00	27.59 0.62 1.94	19.80 0.80 15.12	36.74 0.91 1.54	11.96 0.99 26.07	12.59 0.86 22.56	14.68 0.97 21.36	26.20 0.87 11.14	33.62 0.91 0.77	30.55 1.00 0.01	27.64 1.06 0.00	26.27 1.20 0.00	26.40 1.19 0.00	28.10 1.10 0.25	31.77 1.32 6.23	27.06 1.38 12.51	24.69 1.29 19.91	30.83 1.13 9.20	37.62 0.94 2.10	38.64 0.78 0.00	34.45 0.53 0.01
PJM_GEN_VFT_PROXY 323633	26.55 0.92 0.00	25.32 0.84 0.00	28.42 0.85 0.00	27.85 0.86 0.00	29.79 0.88 0.00	35.20 1.09 0.00	38.58 1.22 0.00	38.28 1.25 0.00	35.86 1.05 -0.52	36.24 1.17 0.00	37.55 1.09 0.00	34.07 1.10 0.52	30.67 1.11 0.00	27.78 1.20 0.00	26.33 1.27 0.00	26.51 1.31 0.00	28.52 1.26 0.00	38.23 1.56 0.00	39.84 1.66 0.00	44.89 1.58 0.00	40.29 1.39 0.00	40.05 1.28 0.00	38.98 1.11 0.00	34.86 0.93 0.00
PLATSBURG_115KV_PMLD1 355749	25.58 -0.05 0.00	24.30 -0.17 0.00	27.22 -0.35 0.00	26.58 -0.41 0.00	28.57 -0.35 0.00	33.43 -0.68 0.00	36.13 -1.23 0.00	35.89 -1.14 0.00	33.42 -0.87 0.00	34.48 -0.59 0.00	36.55 0.09 0.00	34.04 0.56 0.00	29.83 0.26 0.00	26.08 -0.50 0.00	24.23 -0.84 0.00	24.56 -0.65 0.00	26.81 -0.45 0.00	36.03 -0.64 0.00	37.54 -0.64 0.00	42.46 -0.85 0.00	38.14 -0.76 0.00	38.43 -0.34 0.00	38.35 0.49 0.00	34.58 0.66 0.00
PLEASANTVLY___LBMP 24000	26.34 0.71 0.00	25.13 0.66 0.00	28.24 0.67 0.00	27.65 0.66 0.00	29.58 0.67 0.00	34.95 0.83 0.00	38.32 0.96 0.00	38.01 0.97 0.00	35.11 0.82 0.00	35.90 0.83 0.00	37.22 0.76 0.00	34.23 0.75 0.00	30.27 0.71 0.00	27.40 0.83 0.00	25.98 0.91 0.00	26.15 0.95 0.00	28.17 0.91 0.00	37.85 1.18 0.00	39.43 1.25 0.00	44.46 1.16 0.00	39.93 1.03 0.00	39.69 0.92 0.00	38.66 0.80 0.00	34.59 0.66 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.51 0.88 0.00	25.29 0.81 0.00	28.42 0.84 0.00	27.82 0.83 0.00	29.74 0.82 0.00	35.17 1.05 0.00	38.59 1.24 0.00	38.31 1.27 0.00	35.39 1.10 0.00	36.23 1.16 0.00	37.52 1.07 0.00	34.58 1.09 0.00	30.57 1.01 0.00	27.67 1.10 0.00	26.24 1.17 0.00	26.40 1.20 0.00	28.44 1.18 0.00	38.17 1.50 0.00	39.78 1.60 0.00	44.87 1.55 0.00	40.27 1.37 0.00	40.04 1.26 0.00	38.94 1.08 0.00	34.83 0.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.51 0.88 0.00	25.29 0.81 0.00	28.42 0.84 0.00	27.82 0.83 0.00	29.74 0.82 0.00	35.17 1.05 0.00	38.59 1.24 0.00	38.31 1.27 0.00	35.39 1.10 0.00	36.23 1.16 0.00	37.52 1.07 0.00	34.58 1.09 0.00	30.57 1.01 0.00	27.67 1.10 0.00	26.24 1.17 0.00	26.40 1.20 0.00	28.44 1.18 0.00	38.17 1.50 0.00	39.78 1.60 0.00	44.87 1.55 0.00	40.27 1.37 0.00	40.04 1.26 0.00	38.94 1.08 0.00	34.83 0.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.53 0.90 0.00	25.32 0.84 0.00	28.46 0.88 0.00	27.86 0.87 0.00	29.81 0.90 0.00	35.25 1.13 0.00	38.69 1.33 0.00	38.42 1.39 0.00	35.47 1.18 0.00	36.19 1.12 0.00	37.47 1.01 0.00	34.47 0.99 0.00	30.46 0.90 0.00	27.58 1.00 0.00	26.16 1.09 0.00	26.34 1.14 0.00	28.42 1.16 0.00	38.25 1.57 0.00	39.89 1.71 0.00	45.01 1.70 0.00	40.40 1.51 0.00	40.14 1.37 0.00	39.06 1.19 0.00	34.89 0.97 0.00
POLETTI___ 23519	26.64 1.01 0.00	25.42 0.94 0.00	28.51 0.93 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.71 1.35 0.00	38.42 1.38 0.00	35.51 1.22 0.00	36.42 1.35 0.00	37.75 1.29 0.00	34.76 1.28 0.00	30.80 1.24 0.00	27.91 1.33 0.00	26.49 1.42 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.03 1.85 0.00	45.10 1.79 0.00	40.47 1.58 0.00	40.23 1.46 0.00	39.14 1.27 0.00	34.97 1.05 0.00
POMONA___ESR 323819	26.26 0.64 0.00	25.05 0.57 0.00	28.17 0.60 0.00	27.60 0.61 0.00	29.54 0.63 0.00	34.93 0.81 0.00	38.31 0.95 0.00	37.95 0.91 0.00	35.01 0.72 0.00	35.89 0.82 0.00	37.12 0.66 0.00	34.12 0.64 0.00	30.26 0.70 0.00	27.39 0.82 0.00	25.96 0.89 0.00	26.12 0.92 0.00	28.11 0.85 0.00	37.78 1.11 0.00	39.43 1.25 0.00	44.46 1.15 0.00	39.90 1.01 0.00	39.69 0.91 0.00	38.58 0.72 0.00	34.51 0.59 0.00
PORT_JEFF_3 23555	26.73 1.10 0.00	25.51 1.03 0.00	28.50 0.92 0.00	27.81 0.83 0.00	27.81 0.61 1.71	21.62 0.79 13.29	36.95 0.93 1.33	14.92 0.87 22.99	14.67 0.73 20.36	17.19 0.96 18.84	27.51 0.87 9.82	34.19 0.94 0.22	30.70 1.14 0.01	27.74 1.17 0.00	26.46 1.39 0.00	26.52 1.32 0.00	28.26 1.23 0.22	32.46 1.30 5.52	28.37 1.57 11.38	26.72 1.53 18.12	31.79 1.24 8.35	37.83 0.91 1.85	38.56 0.69 0.00	34.45 0.54 0.01



PORT_JEFF_4 23616	26.73 1.10 0.00	25.51 1.03 0.00	28.50 0.92 0.00	27.81 0.83 0.00	27.81 0.61 1.71	21.62 0.79 13.29	36.95 0.93 1.33	14.92 0.87 22.99	14.67 0.73 20.36	17.19 0.96 18.84	27.51 0.87 9.82	34.19 0.94 0.22	30.70 1.14 0.01	27.74 1.17 0.00	26.46 1.39 0.00	26.52 1.32 0.00	28.26 1.23 0.22	32.46 1.30 5.52	28.37 1.57 11.38	26.72 1.53 18.12	31.79 1.24 8.35	37.83 0.91 1.85	38.56 0.69 0.00	34.45 0.54 0.01
PORT_JEFF_IC 23713	26.74 1.11 0.00	25.51 1.04 0.00	28.50 0.92 0.00	27.81 0.82 0.00	27.82 0.60 1.69	21.73 0.77 13.15	36.96 0.92 1.32	15.00 0.72 22.75	14.75 0.61 20.15	17.37 0.95 18.65	27.61 0.87 9.72	34.20 0.94 0.22	30.68 1.13 0.01	27.74 1.17 0.00	26.47 1.40 0.00	26.53 1.33 0.00	28.26 1.23 0.22	32.38 1.16 5.46	28.33 1.43 11.28	26.71 1.37 17.97	31.72 1.11 8.28	37.73 0.78 1.83	38.43 0.56 0.00	34.45 0.54 0.01
PPL_PILGRIM_ST_GT1 24216	26.86 1.23 0.00	25.63 1.15 0.00	28.66 1.09 0.00	27.96 0.97 0.00	28.02 0.77 1.67	22.11 0.98 12.99	37.23 1.17 1.30	15.83 1.27 22.48	15.45 1.06 19.90	17.80 1.14 18.42	28.00 1.14 9.60	34.40 1.13 0.22	30.86 1.31 0.01	27.89 1.32 0.00	26.59 1.52 0.00	26.65 1.45 0.00	28.39 1.35 0.22	32.88 1.60 5.40	28.85 1.85 11.18	27.37 1.86 17.80	32.27 1.58 8.20	38.18 1.21 1.81	38.83 0.96 0.00	34.56 0.64 0.01
PPL_PILGRIM_ST_GT2 24217	26.86 1.23 0.00	25.63 1.15 0.00	28.66 1.09 0.00	27.96 0.97 0.00	28.02 0.77 1.67	22.11 0.98 12.99	37.23 1.17 1.30	15.83 1.27 22.48	15.45 1.06 19.90	17.80 1.14 18.42	28.00 1.14 9.60	34.40 1.13 0.22	30.86 1.31 0.01	27.89 1.32 0.00	26.59 1.52 0.00	26.65 1.45 0.00	28.39 1.35 0.22	32.88 1.60 5.40	28.85 1.85 11.18	27.37 1.86 17.80	32.27 1.58 8.20	38.18 1.21 1.81	38.83 0.96 0.00	34.56 0.64 0.01
PPL_SHRM_GT3 24213	26.72 1.09 0.00	25.49 1.02 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.80 0.59 1.71	21.64 0.80 13.28	36.95 0.92 1.33	15.15 1.08 22.96	14.85 0.89 20.34	17.17 0.92 18.82	27.44 0.79 9.81	34.11 0.85 0.22	30.64 1.08 0.01	27.68 1.11 0.00	26.42 1.35 0.00	26.50 1.30 0.00	28.30 1.26 0.22	32.75 1.59 5.51	28.74 1.93 11.37	27.15 1.94 18.10	32.13 1.58 8.34	38.11 1.18 1.85	38.83 0.97 0.00	34.53 0.61 0.01
PPL_SHRM_GT4 24214	26.72 1.09 0.00	25.49 1.02 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.80 0.59 1.71	21.64 0.80 13.28	36.95 0.92 1.33	15.15 1.08 22.96	14.85 0.89 20.34	17.17 0.92 18.82	27.44 0.79 9.81	34.11 0.85 0.22	30.64 1.08 0.01	27.68 1.11 0.00	26.42 1.35 0.00	26.50 1.30 0.00	28.30 1.26 0.22	32.75 1.59 5.51	28.74 1.93 11.37	27.15 1.94 18.10	32.13 1.58 8.34	38.11 1.18 1.85	38.83 0.97 0.00	34.53 0.61 0.01
PROJECT___ORANGE 1 24174	25.29 -0.34 0.00	24.15 -0.33 0.00	27.25 -0.33 0.00	26.65 -0.34 0.00	28.57 -0.35 0.00	33.77 -0.35 0.00	37.04 -0.32 0.00	36.81 -0.23 0.00	34.10 -0.19 0.00	34.99 -0.08 0.00	36.29 -0.17 0.00	33.25 -0.23 0.00	29.39 -0.18 0.00	26.47 -0.10 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.18 -0.08 0.00	36.53 -0.14 0.00	38.11 -0.07 0.00	43.18 -0.13 0.00	38.75 -0.15 0.00	38.57 -0.21 0.00	37.58 -0.28 0.00	33.64 -0.28 0.00
PROJECT___ORANGE 2 24166	25.29 -0.34 0.00	24.15 -0.33 0.00	27.25 -0.33 0.00	26.65 -0.34 0.00	28.57 -0.35 0.00	33.77 -0.35 0.00	37.04 -0.32 0.00	36.81 -0.23 0.00	34.10 -0.19 0.00	34.99 -0.08 0.00	36.29 -0.17 0.00	33.25 -0.23 0.00	29.39 -0.18 0.00	26.47 -0.10 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.18 -0.08 0.00	36.53 -0.14 0.00	38.11 -0.07 0.00	43.18 -0.13 0.00	38.75 -0.15 0.00	38.57 -0.21 0.00	37.58 -0.28 0.00	33.64 -0.28 0.00
PUCKETT___SOLAR 323809	25.94 0.31 0.00	24.71 0.23 0.00	28.12 0.54 0.00	27.39 0.40 0.00	29.36 0.45 0.00	34.75 0.63 0.00	38.01 0.65 0.00	37.86 0.74 -0.08	34.91 0.62 0.00	35.90 0.83 0.00	37.03 0.57 0.00	33.75 0.26 0.00	29.79 0.23 0.00	26.82 0.25 0.00	25.37 0.30 0.00	25.62 0.42 0.00	27.80 0.54 0.00	37.48 0.80 0.00	39.24 1.06 0.00	44.53 1.22 0.00	39.93 1.03 0.00	39.77 0.99 0.00	38.77 0.91 0.00	34.69 0.77 0.00
PYRITES___HYD 24023	26.65 1.02 0.00	25.26 0.78 0.00	28.38 0.80 0.00	27.89 0.90 0.00	30.13 1.21 0.00	35.22 1.10 0.00	38.77 1.41 0.00	37.78 0.75 0.00	34.71 0.41 0.00	34.95 -0.12 0.00	36.05 -0.41 0.00	34.20 0.72 0.00	31.00 1.44 0.00	27.24 0.67 0.00	25.40 0.33 0.00	25.59 0.39 0.00	27.96 0.70 0.00	37.09 0.41 0.00	39.89 1.71 0.00	45.47 2.16 0.00	41.46 2.56 0.00	42.48 3.70 0.00	41.43 3.56 0.00	36.95 3.03 0.00
QUAKERRD_115KV_BK1 80622	24.97 -0.66 0.00	23.81 -0.66 0.00	26.88 -0.71 0.00	26.31 -0.68 0.00	28.25 -0.67 0.00	33.44 -0.68 0.00	36.55 -0.81 0.00	36.40 -0.63 0.00	33.90 -0.39 0.00	35.02 -0.05 0.00	36.37 -0.09 0.00	33.22 -0.26 0.00	29.47 -0.09 0.00	26.57 -0.01 0.00	25.05 -0.02 0.00	25.12 -0.08 0.00	27.11 -0.15 0.00	36.21 -0.47 0.00	37.78 -0.41 0.00	42.91 -0.40 0.00	38.46 -0.44 0.00	38.32 -0.45 0.00	37.32 -0.54 0.00	33.47 -0.45 0.00
QUEENSBRY_115KV_TB8 356137	26.83 1.20 0.00	25.61 1.13 0.00	28.78 1.20 0.00	28.15 1.16 0.00	30.23 1.32 0.00	35.76 1.64 0.00	39.31 1.95 0.00	39.06 2.03 0.00	35.98 1.69 0.00	36.40 1.33 0.00	37.94 1.48 0.00	34.84 1.36 0.00	30.45 0.89 0.00	27.43 0.85 0.00	25.81 0.74 0.00	26.04 0.84 0.00	28.37 1.11 0.00	38.54 1.87 0.00	40.27 2.09 0.00	45.51 2.20 0.00	40.94 2.04 0.00	40.66 1.88 0.00	39.57 1.71 0.00	35.38 1.46 0.00
RAMAPO___LBMP 323565	26.20 0.57 0.00	24.99 0.51 0.00	28.11 0.53 0.00	27.53 0.54 0.00	29.47 0.55 0.00	34.84 0.72 0.00	38.21 0.85 0.00	37.86 0.83 0.00	34.94 0.65 0.00	35.81 0.74 0.00	37.04 0.58 0.00	34.05 0.57 0.00	30.18 0.62 0.00	27.31 0.74 0.00	25.89 0.82 0.00	26.04 0.84 0.00	28.03 0.77 0.00	37.67 1.00 0.00	39.33 1.15 0.00	44.33 1.02 0.00	39.80 0.90 0.00	39.59 0.81 0.00	38.51 0.64 0.00	34.42 0.50 0.00
RANKINE____ 23646	24.68 -0.95 0.00	23.63 -0.84 0.00	26.85 -0.73 0.00	26.15 -0.84 0.00	28.08 -0.84 0.00	33.22 -0.89 0.00	36.20 -1.16 0.00	35.73 -0.94 0.36	33.35 -0.94 0.00	35.16 0.09 0.00	36.55 0.09 0.00	33.28 -0.20 0.00	29.72 0.15 0.00	26.94 0.36 0.00	25.37 0.30 0.00	25.38 0.18 0.00	27.32 0.06 0.00	36.19 -0.49 0.00	37.76 -0.42 0.00	42.94 -0.37 0.00	38.56 -0.34 0.00	38.51 -0.26 0.00	37.55 -0.31 0.00	33.84 -0.08 0.00
RAVENSWOOD_GT2_1 24244	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.45 1.41 0.00	35.52 1.23 0.00	36.45 1.38 0.00	37.77 1.31 0.00	34.78 1.30 0.00	30.81 1.24 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.05 1.86 0.00	45.12 1.81 0.00	40.49 1.59 0.00	40.25 1.48 0.00	39.16 1.30 0.00	35.00 1.08 0.00



RAVENSWOOD_GT2_2 24245	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.45 1.41 0.00	35.52 1.23 0.00	36.45 1.38 0.00	37.77 1.31 0.00	34.78 1.30 0.00	30.81 1.24 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.05 1.86 0.00	45.12 1.81 0.00	40.49 1.59 0.00	40.25 1.48 0.00	39.16 1.30 0.00	35.00 1.08 0.00
RAVENSWOOD_GT2_3 24246	26.68 1.04 0.00	25.44 0.96 0.00	28.55 0.98 0.00	27.97 0.99 0.00	29.91 1.00 0.00	35.36 1.24 0.00	38.77 1.41 0.00	38.47 1.44 0.00	35.55 1.26 0.00	36.47 1.40 0.00	37.80 1.34 0.00	34.80 1.31 0.00	30.83 1.27 0.00	27.94 1.36 0.00	26.49 1.42 0.00	26.67 1.46 0.00	28.69 1.43 0.00	38.46 1.79 0.00	40.07 1.89 0.00	45.15 1.84 0.00	40.52 1.62 0.00	40.29 1.51 0.00	39.20 1.33 0.00	35.02 1.10 0.00
RAVENSWOOD_GT2_4 24247	26.68 1.04 0.00	25.44 0.96 0.00	28.55 0.98 0.00	27.97 0.99 0.00	29.91 1.00 0.00	35.36 1.24 0.00	38.77 1.41 0.00	38.47 1.44 0.00	35.55 1.26 0.00	36.47 1.40 0.00	37.80 1.34 0.00	34.80 1.31 0.00	30.83 1.27 0.00	27.94 1.36 0.00	26.49 1.42 0.00	26.67 1.46 0.00	28.69 1.43 0.00	38.46 1.79 0.00	40.07 1.89 0.00	45.15 1.84 0.00	40.52 1.62 0.00	40.29 1.51 0.00	39.20 1.33 0.00	35.02 1.10 0.00
RAVENSWOOD_GT3_1 24248	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.46 1.42 0.00	35.53 1.24 0.00	36.45 1.38 0.00	37.77 1.32 0.00	34.78 1.30 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.42 0.00	38.44 1.76 0.00	40.05 1.87 0.00	45.12 1.81 0.00	40.50 1.60 0.00	40.26 1.49 0.00	39.16 1.30 0.00	35.00 1.08 0.00
RAVENSWOOD_GT3_2 24249	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.46 1.42 0.00	35.53 1.24 0.00	36.45 1.38 0.00	37.77 1.32 0.00	34.78 1.30 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.42 0.00	38.44 1.76 0.00	40.05 1.87 0.00	45.12 1.81 0.00	40.50 1.60 0.00	40.26 1.49 0.00	39.16 1.30 0.00	35.00 1.08 0.00
RAVENSWOOD_GT3_3 24250	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.46 1.42 0.00	35.53 1.24 0.00	36.45 1.38 0.00	37.77 1.32 0.00	34.78 1.30 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.42 0.00	38.44 1.76 0.00	40.05 1.87 0.00	45.12 1.81 0.00	40.50 1.60 0.00	40.26 1.49 0.00	39.16 1.30 0.00	35.01 1.08 0.00
RAVENSWOOD_GT3_4 24251	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.46 1.42 0.00	35.53 1.24 0.00	36.45 1.38 0.00	37.77 1.32 0.00	34.78 1.30 0.00	30.81 1.25 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.42 0.00	38.44 1.76 0.00	40.05 1.87 0.00	45.12 1.81 0.00	40.50 1.60 0.00	40.26 1.49 0.00	39.16 1.30 0.00	35.01 1.08 0.00
RAVENSWOOD_GT_1 23729	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.46 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.60 1.53 0.00	37.94 1.48 0.00	34.95 1.47 0.00	30.94 1.37 0.00	28.03 1.45 0.00	26.59 1.53 0.00	26.77 1.57 0.00	28.78 1.53 0.00	38.58 1.91 0.00	40.20 2.02 0.00	45.28 1.97 0.00	40.65 1.75 0.00	40.43 1.65 0.00	39.32 1.45 0.00	35.14 1.22 0.00
RAVENSWOOD_GT_10 24258	26.66 1.03 0.00	25.42 0.95 0.00	28.54 0.96 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.45 1.42 0.00	35.52 1.23 0.00	36.45 1.38 0.00	37.77 1.31 0.00	34.77 1.29 0.00	30.81 1.24 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.05 1.86 0.00	45.12 1.81 0.00	40.49 1.59 0.00	40.25 1.48 0.00	39.16 1.30 0.00	34.99 1.07 0.00
RAVENSWOOD_GT_11 24259	26.66 1.03 0.00	25.42 0.95 0.00	28.54 0.96 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.45 1.42 0.00	35.52 1.23 0.00	36.45 1.38 0.00	37.77 1.31 0.00	34.77 1.29 0.00	30.81 1.24 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.05 1.86 0.00	45.12 1.81 0.00	40.49 1.59 0.00	40.25 1.48 0.00	39.16 1.30 0.00	34.99 1.07 0.00
RAVENSWOOD_GT_4 24252	26.64 1.01 0.00	25.41 0.93 0.00	28.52 0.95 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.73 1.37 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.42 1.35 0.00	37.74 1.28 0.00	34.74 1.27 0.00	30.77 1.21 0.00	27.89 1.31 0.00	26.46 1.39 0.00	26.63 1.43 0.00	28.66 1.40 0.00	38.42 1.74 0.00	40.02 1.84 0.00	45.09 1.78 0.00	40.47 1.57 0.00	40.23 1.45 0.00	39.13 1.27 0.00	34.97 1.05 0.00
RAVENSWOOD_GT_5 24254	26.64 1.01 0.00	25.41 0.93 0.00	28.52 0.95 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.73 1.37 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.42 1.35 0.00	37.74 1.28 0.00	34.74 1.27 0.00	30.77 1.21 0.00	27.89 1.31 0.00	26.46 1.39 0.00	26.63 1.43 0.00	28.66 1.40 0.00	38.42 1.74 0.00	40.02 1.84 0.00	45.09 1.78 0.00	40.47 1.57 0.00	40.23 1.45 0.00	39.13 1.27 0.00	34.97 1.05 0.00
RAVENSWOOD_GT_6 24253	26.64 1.01 0.00	25.41 0.93 0.00	28.52 0.95 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.73 1.37 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.42 1.35 0.00	37.74 1.28 0.00	34.74 1.27 0.00	30.77 1.21 0.00	27.89 1.31 0.00	26.46 1.39 0.00	26.63 1.43 0.00	28.66 1.40 0.00	38.42 1.74 0.00	40.02 1.84 0.00	45.09 1.78 0.00	40.47 1.57 0.00	40.23 1.45 0.00	39.13 1.27 0.00	34.97 1.05 0.00
RAVENSWOOD_GT_7 24255	26.64 1.01 0.00	25.41 0.93 0.00	28.52 0.95 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.73 1.37 0.00	38.43 1.40 0.00	35.51 1.22 0.00	36.42 1.35 0.00	37.74 1.28 0.00	34.74 1.27 0.00	30.77 1.21 0.00	27.89 1.31 0.00	26.46 1.39 0.00	26.63 1.43 0.00	28.66 1.40 0.00	38.42 1.74 0.00	40.02 1.84 0.00	45.09 1.78 0.00	40.47 1.57 0.00	40.23 1.45 0.00	39.13 1.27 0.00	34.97 1.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.66 1.03 0.00	25.42 0.95 0.00	28.54 0.96 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.45 1.42 0.00	35.52 1.23 0.00	36.45 1.38 0.00	37.77 1.31 0.00	34.77 1.29 0.00	30.81 1.24 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.05 1.86 0.00	45.12 1.81 0.00	40.49 1.59 0.00	40.25 1.48 0.00	39.16 1.30 0.00	34.99 1.07 0.00



RAVENSWOOD_GT_9 24257	26.66 1.03 0.00	25.42 0.95 0.00	28.54 0.96 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.45 1.42 0.00	35.52 1.23 0.00	36.45 1.38 0.00	37.77 1.31 0.00	34.77 1.29 0.00	30.81 1.24 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.65 1.45 0.00	28.67 1.41 0.00	38.43 1.75 0.00	40.05 1.86 0.00	45.12 1.81 0.00	40.49 1.59 0.00	40.25 1.48 0.00	39.16 1.30 0.00	34.99 1.07 0.00
RAVENSWOOD___1 23533	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.45 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.58 1.51 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.95 1.38 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.56 1.89 0.00	40.17 1.99 0.00	45.26 1.95 0.00	40.62 1.73 0.00	40.38 1.61 0.00	39.31 1.44 0.00	35.15 1.23 0.00
RAVENSWOOD___2 23534	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.45 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.58 1.51 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.95 1.38 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.56 1.89 0.00	40.17 1.99 0.00	45.26 1.95 0.00	40.62 1.73 0.00	40.38 1.61 0.00	39.31 1.44 0.00	35.15 1.23 0.00
RAVENSWOOD___3 23535	26.66 1.03 0.00	25.43 0.95 0.00	28.54 0.97 0.00	27.96 0.97 0.00	29.89 0.98 0.00	35.34 1.22 0.00	38.74 1.38 0.00	38.46 1.42 0.00	35.53 1.24 0.00	36.45 1.39 0.00	37.77 1.31 0.00	34.78 1.30 0.00	30.82 1.26 0.00	27.92 1.34 0.00	26.47 1.41 0.00	26.66 1.45 0.00	28.67 1.41 0.00	38.45 1.77 0.00	40.05 1.87 0.00	45.13 1.81 0.00	40.50 1.61 0.00	40.26 1.49 0.00	39.16 1.30 0.00	35.00 1.08 0.00
RAVENSWOOD___4 23820	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.45 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.58 1.51 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.95 1.38 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.56 1.89 0.00	40.17 1.99 0.00	45.26 1.95 0.00	40.62 1.73 0.00	40.38 1.61 0.00	39.31 1.44 0.00	35.15 1.23 0.00
RCPL_TRUST___DRP 24196	26.63 1.00 0.00	25.39 0.92 0.00	28.51 0.93 0.00	27.92 0.93 0.00	29.86 0.95 0.00	35.30 1.18 0.00	38.72 1.36 0.00	38.44 1.40 0.00	35.52 1.23 0.00	36.45 1.38 0.00	37.77 1.31 0.00	34.77 1.29 0.00	30.81 1.24 0.00	27.90 1.33 0.00	26.47 1.40 0.00	26.63 1.43 0.00	28.66 1.40 0.00	38.43 1.75 0.00	40.04 1.86 0.00	45.10 1.79 0.00	40.46 1.57 0.00	40.21 1.43 0.00	39.13 1.27 0.00	34.97 1.05 0.00
RED___ROCHESTER 323720	25.30 -0.33 0.00	24.14 -0.33 0.00	27.28 -0.30 0.00	26.66 -0.33 0.00	28.63 -0.28 0.00	33.90 -0.22 0.00	37.02 -0.34 0.00	36.82 -0.12 0.09	34.42 0.13 0.00	35.67 0.60 0.00	37.07 0.61 0.00	33.85 0.37 0.00	30.02 0.46 0.00	27.10 0.53 0.00	25.57 0.50 0.00	25.60 0.40 0.00	27.60 0.34 0.00	36.84 0.16 0.00	38.46 0.27 0.00	43.72 0.41 0.00	39.18 0.28 0.00	39.05 0.27 0.00	38.00 0.13 0.00	34.10 0.18 0.00
REGAN___SOLAR 323812	27.16 1.53 0.00	25.91 1.43 0.00	29.16 1.58 0.00	28.56 1.57 0.00	30.62 1.71 0.00	36.21 2.10 0.00	39.86 2.50 0.00	39.65 2.62 0.00	36.19 1.90 0.00	36.34 1.27 0.00	38.01 1.56 0.00	34.90 1.42 0.00	30.35 0.79 0.00	27.37 0.79 0.00	25.45 0.38 0.00	25.68 0.47 0.00	28.21 0.95 0.00	38.79 2.11 0.00	41.04 2.86 0.00	46.52 3.21 0.00	41.75 2.86 0.00	41.47 2.69 0.00	40.38 2.51 0.00	36.10 2.19 0.00
RENSSELAER___COGEN 23796	25.84 0.21 0.00	24.68 0.21 0.00	27.76 0.18 0.00	27.18 0.18 0.00	29.12 0.21 0.00	34.37 0.26 0.00	37.72 0.37 0.00	37.31 0.28 0.00	34.43 0.13 0.00	35.03 -0.04 0.00	36.43 -0.03 0.00	33.48 0.00 0.00	29.47 -0.09 0.00	26.62 0.04 0.00	25.11 0.05 0.00	25.27 0.07 0.00	27.37 0.11 0.00	36.94 0.27 0.00	38.47 0.29 0.00	43.42 0.11 0.00	39.05 0.15 0.00	38.83 0.05 0.00	37.90 0.04 0.00	34.02 0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.80 3.17 0.00	27.50 3.02 0.00	30.77 3.19 0.00	30.10 3.11 0.00	32.45 3.54 0.00	38.54 4.43 0.00	42.23 4.87 0.00	42.10 5.06 0.00	38.83 4.54 0.00	38.90 3.83 0.00	40.70 4.24 0.00	37.51 4.03 0.00	32.54 2.98 0.00	29.28 2.71 0.00	27.49 2.42 0.00	27.88 2.68 0.00	30.59 3.33 0.00	41.47 4.79 0.00	43.42 5.24 0.00	49.17 5.86 0.00	44.28 5.38 0.00	43.91 5.13 0.00	42.63 4.76 0.00	38.03 4.12 0.00
REVERE_CPPR_DRP 24186	26.31 0.67 0.00	25.10 0.62 0.00	28.31 0.73 0.00	27.69 0.70 0.00	29.73 0.82 0.00	35.25 1.13 0.00	38.87 1.51 0.00	38.60 1.57 0.00	35.68 1.39 0.00	36.34 1.27 0.00	37.63 1.17 0.00	34.56 1.08 0.00	30.50 0.94 0.00	27.25 0.68 0.00	25.74 0.67 0.00	25.86 0.66 0.00	28.06 0.80 0.00	37.97 1.30 0.00	40.03 1.85 0.00	45.33 2.02 0.00	40.65 1.75 0.00	40.49 1.71 0.00	39.48 1.61 0.00	35.28 1.36 0.00
REYNOLDS_115KV_TB3 80639	26.08 0.45 0.00	24.90 0.43 0.00	28.00 0.42 0.00	27.41 0.42 0.00	29.38 0.47 0.00	34.67 0.55 0.00	38.02 0.66 0.00	37.61 0.57 0.00	34.70 0.40 0.00	35.30 0.23 0.00	36.74 0.28 0.00	33.77 0.28 0.00	29.71 0.15 0.00	26.85 0.28 0.00	25.33 0.26 0.00	25.49 0.28 0.00	27.60 0.34 0.00	37.23 0.55 0.00	38.74 0.56 0.00	43.71 0.40 0.00	39.32 0.42 0.00	39.11 0.33 0.00	38.20 0.34 0.00	34.28 0.36 0.00
RIVERBAY____ 323610	26.69 1.05 -0.01	25.44 0.96 0.00	28.56 0.98 0.00	28.00 1.01 0.00	29.89 0.98 0.00	35.35 1.24 0.00	38.76 1.40 0.00	38.42 1.38 0.00	35.52 1.23 0.00	36.38 1.31 0.00	37.71 1.25 0.00	34.72 1.24 0.00	30.76 1.20 0.00	27.89 1.31 0.00	26.44 1.37 0.00	26.61 1.41 0.00	28.61 1.34 0.00	38.36 1.69 0.00	39.99 1.81 0.00	45.08 1.77 0.00	40.50 1.60 0.00	40.27 1.49 0.00	39.17 1.31 0.00	35.01 1.09 0.00
RIVERSDE_115KV_TB3 55908	25.97 0.34 0.00	24.81 0.33 0.00	27.89 0.31 0.00	27.30 0.31 0.00	29.26 0.35 0.00	34.54 0.42 0.00	37.91 0.55 0.00	37.49 0.45 0.00	34.59 0.30 0.00	35.20 0.12 0.00	36.63 0.17 0.00	33.66 0.17 0.00	29.62 0.06 0.00	26.76 0.18 0.00	25.24 0.17 0.00	25.41 0.21 0.00	27.52 0.26 0.00	37.13 0.45 0.00	38.65 0.47 0.00	43.60 0.29 0.00	39.21 0.31 0.00	39.01 0.23 0.00	38.07 0.21 0.00	34.16 0.25 0.00
ROARING___BROOK_WT_PWR 323790	25.42 -0.21 0.00	24.24 -0.23 0.00	27.30 -0.28 0.00	26.68 -0.31 0.00	28.57 -0.34 0.00	33.71 -0.41 0.00	36.87 -0.49 0.00	36.59 -0.45 0.00	34.06 -0.23 0.00	34.78 -0.29 0.00	36.20 -0.25 0.00	33.40 -0.08 0.00	29.51 -0.06 0.00	26.25 -0.33 0.00	24.66 -0.41 0.00	24.77 -0.43 0.00	26.90 -0.35 0.00	36.37 -0.31 0.00	37.92 -0.27 0.00	42.98 -0.33 0.00	38.49 -0.41 0.00	38.50 -0.27 0.00	37.85 -0.02 0.00	33.96 0.04 0.00



ROCHESRG_115KV_T4 355643	25.01 -0.62 0.00	23.88 -0.59 0.00	26.98 -0.60 0.00	26.39 -0.60 0.00	28.33 -0.59 0.00	33.52 -0.60 0.00	36.58 -0.79 0.00	36.34 -0.60 0.10	33.98 -0.31 0.00	35.23 0.16 0.00	36.61 0.15 0.00	33.44 -0.04 0.00	29.68 0.12 0.00	26.79 0.22 0.00	25.25 0.18 0.00	25.30 0.09 0.00	27.27 0.01 0.00	36.37 -0.31 0.00	37.94 -0.24 0.00	43.13 -0.18 0.00	38.66 -0.23 0.00	38.55 -0.22 0.00	37.54 -0.32 0.00	33.73 -0.19 0.00
ROCHESTER_9_IC 23652	25.16 -0.47 0.00	24.02 -0.45 0.00	27.14 -0.43 0.00	26.53 -0.46 0.00	28.49 -0.42 0.00	33.72 -0.40 0.00	36.82 -0.54 0.00	36.60 -0.35 0.09	34.22 -0.08 0.00	35.47 0.40 0.00	36.86 0.40 0.00	33.66 0.18 0.00	29.86 0.30 0.00	26.96 0.38 0.00	25.41 0.34 0.00	25.46 0.25 0.00	27.45 0.19 0.00	36.62 -0.06 0.00	38.22 0.03 0.00	43.44 0.13 0.00	38.94 0.05 0.00	38.80 0.03 0.00	37.77 -0.09 0.00	33.93 0.01 0.00
ROCKVIEW_13_KV_LD 356306	26.63 1.00 0.00	25.39 0.92 0.00	28.52 0.95 0.00	27.93 0.94 0.00	29.86 0.94 0.00	35.30 1.18 0.00	38.73 1.37 0.00	38.47 1.44 0.00	35.54 1.25 0.00	36.43 1.36 0.00	37.75 1.29 0.00	34.73 1.25 0.00	30.76 1.20 0.00	27.85 1.28 0.00	26.41 1.35 0.00	26.58 1.38 0.00	28.62 1.36 0.00	38.41 1.73 0.00	40.02 1.84 0.00	45.11 1.79 0.00	40.47 1.57 0.00	40.23 1.45 0.00	39.13 1.27 0.00	35.00 1.08 0.00
ROME____115KV_TB2 80656	26.31 0.67 0.00	25.10 0.62 0.00	28.31 0.73 0.00	27.69 0.70 0.00	29.73 0.82 0.00	35.25 1.13 0.00	38.87 1.51 0.00	38.60 1.57 0.00	35.68 1.39 0.00	36.34 1.27 0.00	37.63 1.17 0.00	34.56 1.08 0.00	30.50 0.94 0.00	27.25 0.68 0.00	25.74 0.67 0.00	25.86 0.66 0.00	28.06 0.80 0.00	37.97 1.30 0.00	40.03 1.85 0.00	45.33 2.02 0.00	40.65 1.75 0.00	40.49 1.71 0.00	39.48 1.61 0.00	35.28 1.36 0.00
ROSETON___1 23587	26.28 0.65 0.00	25.08 0.61 0.00	28.20 0.62 0.00	27.61 0.62 0.00	29.54 0.62 0.00	34.90 0.78 0.00	38.27 0.91 0.00	37.95 0.91 0.00	35.05 0.76 0.00	35.86 0.79 0.00	37.16 0.71 0.00	34.17 0.69 0.00	30.24 0.68 0.00	27.36 0.79 0.00	25.92 0.85 0.00	26.09 0.89 0.00	28.11 0.85 0.00	37.78 1.11 0.00	39.38 1.20 0.00	44.41 1.10 0.00	39.88 0.98 0.00	39.65 0.88 0.00	38.61 0.75 0.00	34.52 0.60 0.00
ROSETON___2 23588	26.28 0.65 0.00	25.08 0.61 0.00	28.20 0.62 0.00	27.61 0.62 0.00	29.54 0.62 0.00	34.90 0.78 0.00	38.27 0.91 0.00	37.95 0.91 0.00	35.05 0.76 0.00	35.86 0.79 0.00	37.16 0.71 0.00	34.17 0.69 0.00	30.24 0.68 0.00	27.36 0.79 0.00	25.92 0.85 0.00	26.09 0.89 0.00	28.11 0.85 0.00	37.78 1.11 0.00	39.38 1.20 0.00	44.41 1.10 0.00	39.88 0.98 0.00	39.65 0.88 0.00	38.61 0.75 0.00	34.52 0.60 0.00
ROTTRDAM_115KV_TB3 80664	26.22 0.59 0.00	25.05 0.57 0.00	28.19 0.61 0.00	27.59 0.60 0.00	29.56 0.65 0.00	34.88 0.76 0.00	38.28 0.92 0.00	37.94 0.90 0.00	34.99 0.70 0.00	35.60 0.53 0.00	37.08 0.62 0.00	34.04 0.56 0.00	29.94 0.38 0.00	26.99 0.41 0.00	25.46 0.39 0.00	25.61 0.41 0.00	27.78 0.52 0.00	37.54 0.87 0.00	39.18 0.99 0.00	44.29 0.98 0.00	39.80 0.91 0.00	39.60 0.83 0.00	38.63 0.76 0.00	34.60 0.68 0.00
RUSSELL___1 23602	25.30 -0.33 0.00	24.14 -0.33 0.00	27.28 -0.30 0.00	26.66 -0.33 0.00	28.63 -0.28 0.00	33.90 -0.22 0.00	37.02 -0.34 0.00	36.82 -0.12 0.09	34.42 0.13 0.00	35.68 0.61 0.00	37.07 0.61 0.00	33.85 0.37 0.00	30.04 0.47 0.00	27.10 0.53 0.00	25.55 0.48 0.00	25.60 0.40 0.00	27.60 0.34 0.00	36.85 0.17 0.00	38.46 0.28 0.00	43.72 0.41 0.00	39.18 0.28 0.00	39.04 0.27 0.00	37.99 0.13 0.00	34.10 0.18 0.00
RUSSELL___2 23532	25.30 -0.33 0.00	24.14 -0.33 0.00	27.28 -0.30 0.00	26.66 -0.33 0.00	28.63 -0.28 0.00	33.90 -0.22 0.00	37.02 -0.34 0.00	36.82 -0.12 0.09	34.42 0.13 0.00	35.68 0.61 0.00	37.07 0.61 0.00	33.85 0.37 0.00	30.04 0.47 0.00	27.10 0.53 0.00	25.55 0.48 0.00	25.60 0.40 0.00	27.60 0.34 0.00	36.85 0.17 0.00	38.46 0.28 0.00	43.72 0.41 0.00	39.18 0.28 0.00	39.04 0.27 0.00	37.99 0.13 0.00	34.10 0.18 0.00
RUSSELL___3 23549	25.30 -0.33 0.00	24.14 -0.33 0.00	27.28 -0.30 0.00	26.66 -0.33 0.00	28.63 -0.28 0.00	33.90 -0.22 0.00	37.02 -0.34 0.00	36.82 -0.12 0.09	34.42 0.13 0.00	35.68 0.61 0.00	37.07 0.61 0.00	33.85 0.37 0.00	30.04 0.47 0.00	27.10 0.53 0.00	25.55 0.48 0.00	25.60 0.40 0.00	27.60 0.34 0.00	36.85 0.17 0.00	38.46 0.28 0.00	43.72 0.41 0.00	39.18 0.28 0.00	39.04 0.27 0.00	37.99 0.13 0.00	34.10 0.18 0.00
RUSSELL___4 23556	25.30 -0.33 0.00	24.14 -0.33 0.00	27.28 -0.30 0.00	26.66 -0.33 0.00	28.63 -0.28 0.00	33.90 -0.22 0.00	37.02 -0.34 0.00	36.82 -0.12 0.09	34.42 0.13 0.00	35.68 0.61 0.00	37.07 0.61 0.00	33.85 0.37 0.00	30.04 0.47 0.00	27.10 0.53 0.00	25.55 0.48 0.00	25.60 0.40 0.00	27.60 0.34 0.00	36.85 0.17 0.00	38.46 0.28 0.00	43.72 0.41 0.00	39.18 0.28 0.00	39.04 0.27 0.00	37.99 0.13 0.00	34.10 0.18 0.00
RUSSELL___STATION 23914	25.30 -0.33 0.00	24.14 -0.33 0.00	27.28 -0.30 0.00	26.66 -0.33 0.00	28.63 -0.28 0.00	33.90 -0.22 0.00	37.02 -0.34 0.00	36.82 -0.12 0.09	34.42 0.13 0.00	35.68 0.61 0.00	37.07 0.61 0.00	33.85 0.37 0.00	30.04 0.47 0.00	27.10 0.53 0.00	25.55 0.48 0.00	25.60 0.40 0.00	27.60 0.34 0.00	36.85 0.17 0.00	38.46 0.28 0.00	43.72 0.41 0.00	39.18 0.28 0.00	39.04 0.27 0.00	37.99 0.13 0.00	34.10 0.18 0.00
S SALMON___HYD 24043	25.27 -0.36 0.00	24.07 -0.41 0.00	27.12 -0.46 0.00	26.58 -0.41 0.00	28.53 -0.38 0.00	33.73 -0.39 0.00	37.13 -0.23 0.00	36.85 -0.19 0.00	34.07 -0.22 0.00	34.75 -0.32 0.00	35.97 -0.49 0.00	33.19 -0.30 0.00	29.31 -0.25 0.00	26.33 -0.24 0.00	24.85 -0.21 0.00	25.01 -0.20 0.00	26.99 -0.27 0.00	36.48 -0.20 0.00	38.33 0.14 0.00	43.38 0.08 0.00	38.91 0.02 0.00	38.94 0.17 0.00	37.98 0.11 0.00	34.00 0.08 0.00
S.PERRY__115KV_TB1 80734	25.64 0.01 0.00	24.46 -0.02 0.00	27.76 0.19 0.00	27.10 0.11 0.00	28.89 -0.03 0.00	33.70 -0.42 0.00	36.57 -0.79 0.00	38.46 -0.42 -1.85	34.18 -0.11 0.00	35.23 0.16 0.00	36.26 -0.20 0.00	33.16 -0.33 0.00	29.20 -0.36 0.00	26.51 -0.06 0.00	24.94 -0.13 0.00	24.98 -0.22 0.00	27.06 -0.20 0.00	36.52 -0.16 0.00	38.51 0.33 0.00	43.82 0.51 0.00	39.21 0.31 0.00	38.93 0.16 0.00	37.87 0.01 0.00	34.71 0.79 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.43 -1.20 0.00	23.39 -1.09 0.00	26.52 -1.06 0.00	25.86 -1.13 0.00	27.78 -1.13 0.00	32.87 -1.24 0.00	35.70 -1.66 0.00	35.14 -1.49 0.41	32.88 -1.41 0.00	34.72 -0.35 0.00	36.15 -0.30 0.00	32.95 -0.53 0.00	29.42 -0.15 0.00	26.67 0.09 0.00	25.11 0.03 0.00	25.11 -0.09 0.00	27.03 -0.23 0.00	35.74 -0.94 0.00	37.25 -0.93 0.00	42.40 -0.91 0.00	38.05 -0.85 0.00	38.05 -0.73 0.00	37.11 -0.76 0.00	33.47 -0.44 0.00



SAWYER___23_KV_LOAD 55526	24.43 -1.20 0.00	23.39 -1.09 0.00	26.52 -1.06 0.00	25.86 -1.13 0.00	27.78 -1.13 0.00	32.87 -1.24 0.00	35.70 -1.66 0.00	35.14 -1.49 0.41	32.88 -1.41 0.00	34.72 -0.35 0.00	36.15 -0.30 0.00	32.95 -0.53 0.00	29.42 -0.15 0.00	26.67 0.09 0.00	25.11 0.03 0.00	25.11 -0.09 0.00	27.03 -0.23 0.00	35.74 -0.94 0.00	37.25 -0.93 0.00	42.40 -0.91 0.00	38.05 -0.85 0.00	38.05 -0.73 0.00	37.11 -0.76 0.00	33.47 -0.44 0.00
SELKIRK___I 23801	26.11 0.48 0.00	24.96 0.49 0.00	28.10 0.52 0.00	27.50 0.51 0.00	29.47 0.56 0.00	34.77 0.65 0.00	38.13 0.77 0.00	37.69 0.65 0.00	34.75 0.46 0.00	35.28 0.21 0.00	36.72 0.27 0.00	33.67 0.19 0.00	29.61 0.05 0.00	26.71 0.13 0.00	25.19 0.12 0.00	25.33 0.13 0.00	27.51 0.25 0.00	37.25 0.57 0.00	38.83 0.65 0.00	43.86 0.55 0.00	39.43 0.54 0.00	39.22 0.44 0.00	38.30 0.44 0.00	34.37 0.45 0.00
SELKIRK___II 23799	25.95 0.31 0.00	24.78 0.30 0.00	27.88 0.30 0.00	27.29 0.30 0.00	29.24 0.32 0.00	34.51 0.40 0.00	37.87 0.52 0.00	37.47 0.43 0.00	34.57 0.28 0.00	35.17 0.10 0.00	36.58 0.12 0.00	33.59 0.11 0.00	29.57 0.01 0.00	26.70 0.12 0.00	25.19 0.12 0.00	25.35 0.15 0.00	27.46 0.20 0.00	37.08 0.40 0.00	38.63 0.45 0.00	43.62 0.31 0.00	39.21 0.31 0.00	39.00 0.23 0.00	38.07 0.20 0.00	34.15 0.23 0.00
SENECA OSWGO___HYD 24041	25.09 -0.54 0.00	23.96 -0.52 0.00	27.03 -0.54 0.00	26.45 -0.54 0.00	28.34 -0.57 0.00	33.50 -0.62 0.00	36.75 -0.61 0.00	36.51 -0.52 0.00	33.82 -0.47 0.00	34.65 -0.42 0.00	35.93 -0.53 0.00	32.95 -0.53 0.00	29.08 -0.48 0.00	26.22 -0.36 0.00	24.75 -0.32 0.00	24.92 -0.29 0.00	26.94 -0.32 0.00	36.23 -0.45 0.00	37.79 -0.39 0.00	42.83 -0.48 0.00	38.44 -0.46 0.00	38.26 -0.51 0.00	37.28 -0.59 0.00	33.37 -0.55 0.00
SENECA___115KV_TB3 355854	24.72 -0.92 0.00	23.67 -0.80 0.00	26.88 -0.70 0.00	26.18 -0.81 0.00	28.12 -0.79 0.00	33.27 -0.84 0.00	36.26 -1.10 0.00	35.80 -0.88 0.36	33.41 -0.88 0.00	35.23 0.16 0.00	36.61 0.16 0.00	33.34 -0.14 0.00	29.77 0.20 0.00	26.99 0.41 0.00	25.41 0.34 0.00	25.43 0.22 0.00	27.37 0.11 0.00	36.25 -0.43 0.00	37.82 -0.36 0.00	43.03 -0.28 0.00	38.63 -0.27 0.00	38.58 -0.19 0.00	37.61 -0.25 0.00	33.90 -0.02 0.00
SENECA___ENERGY 23797	25.34 -0.29 0.00	24.19 -0.29 0.00	27.35 -0.23 0.00	26.73 -0.26 0.00	28.67 -0.24 0.00	33.91 -0.21 0.00	37.14 -0.22 0.00	37.16 0.01 -0.11	34.42 0.12 0.00	35.38 0.31 0.00	36.69 0.23 0.00	33.53 0.04 0.00	29.61 0.05 0.00	26.74 0.17 0.00	25.21 0.14 0.00	25.39 0.19 0.00	27.47 0.21 0.00	36.80 0.12 0.00	38.49 0.31 0.00	43.62 0.31 0.00	39.10 0.21 0.00	38.90 0.12 0.00	37.92 0.05 0.00	33.96 0.04 0.00
SHOEMAKER___GT 23640	26.17 0.54 0.00	24.98 0.50 0.00	28.10 0.52 0.00	27.51 0.52 0.00	29.45 0.54 0.00	34.80 0.68 0.00	38.18 0.82 0.00	37.85 0.82 0.00	34.94 0.65 0.00	35.76 0.69 0.00	36.95 0.49 0.00	33.94 0.46 0.00	30.04 0.48 0.00	27.16 0.59 0.00	25.72 0.65 0.00	25.88 0.68 0.00	27.91 0.65 0.00	37.60 0.92 0.00	39.27 1.09 0.00	44.33 1.02 0.00	39.80 0.91 0.00	39.59 0.81 0.00	38.53 0.67 0.00	34.45 0.53 0.00
SHOEMAKR_138KV_BK 111 55601	26.15 0.52 0.00	24.96 0.48 0.00	28.09 0.51 0.00	27.50 0.51 0.00	29.43 0.52 0.00	34.78 0.66 0.00	38.14 0.78 0.00	37.83 0.79 0.00	34.92 0.63 0.00	35.74 0.67 0.00	36.96 0.51 0.00	33.95 0.47 0.00	30.05 0.49 0.00	27.17 0.60 0.00	25.74 0.67 0.00	25.90 0.70 0.00	27.92 0.66 0.00	37.58 0.91 0.00	39.25 1.06 0.00	44.30 0.99 0.00	39.78 0.88 0.00	39.56 0.78 0.00	38.51 0.64 0.00	34.43 0.51 0.00
SHOREHAM_IC_1 23715	26.72 1.09 0.00	25.49 1.02 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.80 0.59 1.71	21.64 0.80 13.28	36.95 0.92 1.33	15.15 1.08 22.96	14.85 0.89 20.34	17.17 0.92 18.82	27.44 0.79 9.81	34.11 0.85 0.22	30.64 1.08 0.01	27.68 1.11 0.00	26.42 1.35 0.00	26.50 1.30 0.00	28.30 1.26 0.22	32.75 1.59 5.51	28.74 1.93 11.37	27.15 1.94 18.10	32.13 1.58 8.34	38.11 1.18 1.85	38.83 0.97 0.00	34.53 0.61 0.01
SHOREHAM_IC_2 23716	26.72 1.09 0.00	25.49 1.02 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.80 0.59 1.71	21.64 0.80 13.28	36.95 0.92 1.33	15.15 1.08 22.96	14.85 0.89 20.34	17.17 0.92 18.82	27.44 0.79 9.81	34.11 0.85 0.22	30.64 1.08 0.01	27.68 1.11 0.00	26.42 1.35 0.00	26.50 1.30 0.00	28.30 1.26 0.22	32.75 1.59 5.51	28.74 1.93 11.37	27.15 1.94 18.10	32.13 1.58 8.34	38.11 1.18 1.85	38.83 0.97 0.00	34.53 0.61 0.01
SISSONVILLE____ 23735	25.98 0.35 0.00	24.64 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.71 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.56 0.07 0.00	30.33 0.77 0.00	26.69 0.12 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
SITHE_IND_GS1 24169	24.82 -0.81 0.00	23.71 -0.77 0.00	26.73 -0.85 0.00	26.16 -0.83 0.00	28.03 -0.89 0.00	33.10 -1.01 0.00	36.27 -1.09 0.00	36.01 -1.03 0.00	33.37 -0.92 0.00	34.19 -0.88 0.00	35.49 -0.96 0.00	32.56 -0.92 0.00	28.76 -0.80 0.00	25.90 -0.67 0.00	24.44 -0.63 0.00	24.58 -0.63 0.00	26.58 -0.69 0.00	35.70 -0.97 0.00	37.23 -0.95 0.00	42.20 -1.11 0.00	37.88 -1.02 0.00	37.75 -1.03 0.00	36.81 -1.06 0.00	32.96 -0.96 0.00
SITHE_IND_GS2 24170	24.82 -0.81 0.00	23.71 -0.77 0.00	26.73 -0.85 0.00	26.16 -0.83 0.00	28.03 -0.89 0.00	33.10 -1.01 0.00	36.27 -1.09 0.00	36.01 -1.03 0.00	33.37 -0.92 0.00	34.19 -0.88 0.00	35.49 -0.96 0.00	32.56 -0.92 0.00	28.76 -0.80 0.00	25.90 -0.67 0.00	24.44 -0.63 0.00	24.58 -0.63 0.00	26.58 -0.69 0.00	35.70 -0.97 0.00	37.23 -0.95 0.00	42.20 -1.11 0.00	37.88 -1.02 0.00	37.75 -1.03 0.00	36.81 -1.06 0.00	32.96 -0.96 0.00
SITHE_IND_GS3 24171	24.82 -0.81 0.00	23.71 -0.77 0.00	26.73 -0.85 0.00	26.16 -0.83 0.00	28.03 -0.89 0.00	33.10 -1.01 0.00	36.27 -1.09 0.00	36.01 -1.03 0.00	33.37 -0.92 0.00	34.19 -0.88 0.00	35.49 -0.96 0.00	32.56 -0.92 0.00	28.76 -0.80 0.00	25.90 -0.67 0.00	24.44 -0.63 0.00	24.58 -0.63 0.00	26.58 -0.69 0.00	35.70 -0.97 0.00	37.23 -0.95 0.00	42.20 -1.11 0.00	37.88 -1.02 0.00	37.75 -1.03 0.00	36.81 -1.06 0.00	32.96 -0.96 0.00
SITHE_IND_GS4 24172	24.82 -0.81 0.00	23.71 -0.77 0.00	26.73 -0.85 0.00	26.16 -0.83 0.00	28.03 -0.89 0.00	33.10 -1.01 0.00	36.27 -1.09 0.00	36.01 -1.03 0.00	33.37 -0.92 0.00	34.19 -0.88 0.00	35.49 -0.96 0.00	32.56 -0.92 0.00	28.76 -0.80 0.00	25.90 -0.67 0.00	24.44 -0.63 0.00	24.58 -0.63 0.00	26.58 -0.69 0.00	35.70 -0.97 0.00	37.23 -0.95 0.00	42.20 -1.11 0.00	37.88 -1.02 0.00	37.75 -1.03 0.00	36.81 -1.06 0.00	32.96 -0.96 0.00



SITHE___BATAVIA 24024	25.24 -0.39 0.00	24.10 -0.38 0.00	27.28 -0.30 0.00	26.63 -0.36 0.00	28.58 -0.33 0.00	33.87 -0.24 0.00	36.86 -0.50 0.00	36.40 -0.29 0.34	34.12 -0.17 0.00	35.60 0.53 0.00	36.89 0.44 0.00	33.72 0.24 0.00	29.99 0.43 0.00	27.15 0.57 0.00	25.59 0.53 0.00	25.61 0.41 0.00	27.62 0.36 0.00	36.59 -0.08 0.00	38.39 0.20 0.00	43.78 0.47 0.00	39.25 0.35 0.00	39.16 0.39 0.00	38.07 0.20 0.00	34.31 0.39 0.00
SITHE___INDEPEND 23800	24.82 -0.81 0.00	23.71 -0.77 0.00	26.73 -0.85 0.00	26.16 -0.83 0.00	28.03 -0.89 0.00	33.10 -1.01 0.00	36.27 -1.09 0.00	36.01 -1.03 0.00	33.37 -0.92 0.00	34.19 -0.88 0.00	35.50 -0.96 0.00	32.56 -0.92 0.00	28.77 -0.80 0.00	25.90 -0.67 0.00	24.44 -0.63 0.00	24.57 -0.63 0.00	26.58 -0.69 0.00	35.71 -0.97 0.00	37.23 -0.95 0.00	42.20 -1.11 0.00	37.88 -1.02 0.00	37.74 -1.03 0.00	36.81 -1.06 0.00	32.96 -0.96 0.00
SITHE___MASSENA 23902	25.96 0.33 0.00	24.77 0.29 0.00	27.85 0.27 0.00	27.28 0.29 0.00	29.24 0.32 0.00	34.45 0.33 0.00	37.54 0.18 0.00	37.16 0.12 0.00	34.56 0.26 0.00	35.35 0.28 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.01 0.45 0.00	26.61 0.04 0.00	24.98 -0.09 0.00	25.07 -0.13 0.00	27.18 -0.08 0.00	36.64 -0.04 0.00	38.16 -0.03 0.00	43.41 0.10 0.00	38.91 0.02 0.00	39.07 0.30 0.00	38.33 0.47 0.00	34.38 0.46 0.00
SITHE___OGDNSBRG 24021	26.90 1.27 0.00	25.50 1.02 0.00	28.63 1.05 0.00	28.14 1.15 0.00	30.41 1.49 0.00	35.57 1.45 0.00	39.20 1.84 0.00	38.25 1.21 0.00	35.04 0.74 0.00	35.10 0.03 0.00	36.12 -0.33 0.00	34.41 0.93 0.00	31.19 1.63 0.00	27.38 0.80 0.00	25.52 0.45 0.00	25.73 0.53 0.00	28.12 0.86 0.00	37.31 0.63 0.00	40.35 2.17 0.00	46.04 2.72 0.00	41.95 3.06 0.00	42.95 4.17 0.00	41.83 3.97 0.00	37.30 3.38 0.00
SITHE___STERLING 23777	26.12 0.49 0.00	24.93 0.45 0.00	28.13 0.54 0.00	27.50 0.51 0.00	29.50 0.59 0.00	34.98 0.87 0.00	38.51 1.16 0.00	38.28 1.24 0.00	35.38 1.09 0.00	36.10 1.03 0.00	37.40 0.94 0.00	34.31 0.83 0.00	30.25 0.69 0.00	27.03 0.46 0.00	25.48 0.41 0.00	25.62 0.41 0.00	27.79 0.53 0.00	37.52 0.84 0.00	39.57 1.39 0.00	44.81 1.50 0.00	40.19 1.29 0.00	40.00 1.22 0.00	38.99 1.13 0.00	34.86 0.94 0.00
SLEIGHT__34_KV_TB1 80719	25.29 -0.34 0.00	24.12 -0.36 0.00	27.22 -0.35 0.00	26.66 -0.33 0.00	28.62 -0.29 0.00	33.92 -0.20 0.00	37.17 -0.20 0.00	37.04 0.01 0.00	34.50 0.20 0.00	35.63 0.56 0.00	36.97 0.52 0.00	33.77 0.29 0.00	29.94 0.38 0.00	26.99 0.42 0.00	25.46 0.39 0.00	25.55 0.34 0.00	27.58 0.32 0.00	36.90 0.22 0.00	38.49 0.31 0.00	43.70 0.39 0.00	39.14 0.24 0.00	38.97 0.19 0.00	37.91 0.04 0.00	33.97 0.05 0.00
SOUTH CAIRO___GT 23612	26.80 1.17 0.00	25.60 1.12 0.00	28.79 1.22 0.00	28.19 1.20 0.00	30.25 1.34 0.00	35.77 1.65 0.00	39.41 2.05 0.00	39.09 2.05 0.00	35.98 1.69 0.00	36.30 1.23 0.00	37.43 0.98 0.00	34.23 0.74 0.00	29.96 0.40 0.00	27.03 0.46 0.00	25.40 0.33 0.00	25.59 0.38 0.00	27.93 0.67 0.00	38.20 1.52 0.00	40.30 2.11 0.00	45.56 2.25 0.00	40.88 1.98 0.00	40.58 1.81 0.00	39.52 1.65 0.00	35.40 1.48 0.00
SOUTH HAMPTN___IC 23720	26.64 1.01 0.00	25.41 0.93 0.00	28.34 0.76 0.00	27.69 0.69 0.00	27.69 0.48 1.72	21.48 0.70 13.33	36.88 0.86 1.34	14.96 0.98 23.06	14.65 0.78 20.42	17.02 0.85 18.89	27.34 0.74 9.85	34.16 0.90 0.22	30.71 1.16 0.01	27.79 1.21 0.00	26.54 1.47 0.00	26.66 1.46 0.00	28.50 1.46 0.22	33.04 1.90 5.53	29.03 2.26 11.41	27.42 2.27 18.16	32.36 1.84 8.37	38.34 1.41 1.85	39.06 1.19 0.00	34.69 0.78 0.01
SOUTHDOW_115KV_TB1 355954	25.44 -0.19 0.00	24.41 -0.07 0.00	27.85 0.27 0.00	27.07 0.08 0.00	29.09 0.17 0.00	34.47 0.35 0.00	37.74 0.37 0.00	37.69 0.79 0.14	35.09 0.80 0.00	36.99 1.92 0.00	38.13 1.67 0.00	34.67 1.19 0.00	31.01 1.45 0.00	28.11 1.54 0.00	26.48 1.41 0.00	26.40 1.20 0.00	28.45 1.19 0.00	38.00 1.33 0.00	39.77 1.59 0.00	45.11 1.80 0.00	40.48 1.58 0.00	40.33 1.55 0.00	39.17 1.30 0.00	35.09 1.16 0.00
SOUTHOLD_69_KV_BK 2 55809	26.36 0.73 0.00	25.13 0.65 0.00	27.99 0.41 0.00	27.35 0.36 0.00	27.34 0.14 1.72	21.11 0.32 13.33	36.52 0.50 1.34	14.62 0.64 23.05	14.32 0.44 20.42	16.71 0.53 18.89	27.03 0.42 9.85	34.01 0.76 0.22	30.67 1.12 0.01	27.82 1.24 0.00	26.61 1.54 0.00	26.82 1.61 0.00	28.73 1.69 0.22	33.48 2.34 5.53	29.54 2.76 11.41	27.94 2.79 18.16	32.74 2.22 8.37	38.68 1.76 1.85	39.39 1.52 0.00	34.89 0.98 0.01
SOUTHOLD___IC 23719	26.36 0.73 0.00	25.13 0.65 0.00	27.99 0.41 0.00	27.35 0.36 0.00	27.34 0.14 1.72	21.11 0.32 13.33	36.52 0.50 1.34	14.62 0.64 23.05	14.31 0.44 20.42	16.71 0.53 18.89	27.02 0.41 9.85	34.02 0.76 0.22	30.69 1.13 0.01	27.82 1.24 0.00	26.61 1.54 0.00	26.82 1.62 0.00	28.73 1.69 0.22	33.49 2.34 5.53	29.54 2.77 11.41	27.94 2.79 18.16	32.74 2.22 8.37	38.68 1.76 1.85	39.39 1.53 0.00	34.89 0.98 0.01
SOUTH_FORK_WT_PWR 323839	25.96 0.33 0.00	24.73 0.25 0.00	27.52 -0.06 0.00	26.90 -0.09 0.00	26.84 -0.36 1.72	20.52 -0.26 13.33	35.91 -0.12 1.34	14.00 0.02 23.06	13.74 -0.13 20.42	16.16 -0.02 18.89	26.47 -0.13 9.85	33.65 0.40 0.22	30.43 0.88 0.01	27.62 1.05 0.00	26.46 1.39 0.00	26.71 1.51 0.00	28.65 1.62 0.22	33.42 2.28 5.53	29.45 2.68 11.41	27.81 2.66 18.16	32.58 2.06 8.37	38.52 1.60 1.85	39.26 1.40 0.00	34.74 0.83 0.01
SPIERFLS_115KV_TB 1 80737	26.61 0.98 0.00	25.40 0.92 0.00	28.55 0.97 0.00	27.93 0.94 0.00	29.99 1.07 0.00	35.44 1.33 0.00	38.96 1.60 0.00	38.69 1.66 0.00	35.64 1.35 0.00	36.07 1.00 0.00	37.61 1.15 0.00	34.53 1.05 0.00	30.20 0.64 0.00	27.21 0.64 0.00	25.61 0.54 0.00	25.83 0.62 0.00	28.13 0.87 0.00	38.20 1.53 0.00	39.90 1.72 0.00	45.10 1.79 0.00	40.55 1.66 0.00	40.29 1.52 0.00	39.23 1.36 0.00	35.08 1.16 0.00
ST LAWRENCE____ 23600	25.70 0.07 0.00	24.51 0.03 0.00	27.57 -0.01 0.00	27.00 0.01 0.00	28.94 0.02 0.00	34.09 -0.02 0.00	37.15 -0.21 0.00	36.77 -0.26 0.00	34.21 -0.08 0.00	34.98 -0.09 0.00	36.56 0.11 0.00	33.65 0.17 0.00	29.71 0.14 0.00	26.34 -0.23 0.00	24.72 -0.34 0.00	24.81 -0.39 0.00	26.91 -0.35 0.00	36.25 -0.42 0.00	37.76 -0.42 0.00	42.98 -0.33 0.00	38.57 -0.33 0.00	38.68 -0.09 0.00	37.94 0.07 0.00	34.03 0.11 0.00
STATE_CA_115KV_115_LB 55624	25.97 0.34 0.00	24.80 0.32 0.00	27.90 0.32 0.00	27.31 0.32 0.00	29.26 0.35 0.00	34.55 0.43 0.00	37.94 0.58 0.00	37.53 0.50 0.00	34.63 0.34 0.00	35.24 0.17 0.00	36.68 0.22 0.00	33.70 0.22 0.00	29.66 0.10 0.00	26.78 0.20 0.00	25.27 0.20 0.00	25.43 0.23 0.00	27.56 0.30 0.00	37.20 0.53 0.00	38.74 0.56 0.00	43.71 0.40 0.00	39.29 0.39 0.00	39.06 0.28 0.00	38.12 0.25 0.00	34.20 0.28 0.00



STATE_ST_34_KV_LOAD 55959	25.47 -0.16 0.00	24.33 -0.15 0.00	27.48 -0.10 0.00	26.86 -0.13 0.00	28.80 -0.12 0.00	34.05 -0.07 0.00	37.33 -0.03 0.00	37.11 0.08 0.00	34.39 0.10 0.00	35.26 0.19 0.00	36.52 0.06 0.00	33.47 -0.02 0.00	29.55 -0.01 0.00	26.60 0.03 0.00	25.15 0.09 0.00	25.34 0.14 0.00	27.43 0.17 0.00	36.86 0.18 0.00	38.47 0.29 0.00	43.58 0.27 0.00	39.07 0.18 0.00	38.90 0.13 0.00	37.90 0.03 0.00	33.94 0.02 0.00
STATION 5_MISC_HYD 23604	25.17 -0.47 0.00	24.02 -0.45 0.00	27.14 -0.44 0.00	26.53 -0.46 0.00	28.49 -0.42 0.00	33.72 -0.40 0.00	36.82 -0.54 0.00	36.60 -0.35 0.09	34.21 -0.08 0.00	35.46 0.39 0.00	36.86 0.40 0.00	33.66 0.18 0.00	29.85 0.28 0.00	26.96 0.38 0.00	25.42 0.35 0.00	25.45 0.25 0.00	27.45 0.19 0.00	36.61 -0.06 0.00	38.21 0.03 0.00	43.44 0.13 0.00	38.94 0.04 0.00	38.80 0.03 0.00	37.77 -0.09 0.00	33.93 0.01 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.50 -0.13 0.00	24.35 -0.13 0.00	27.51 -0.07 0.00	26.90 -0.10 0.00	28.87 -0.05 0.00	34.18 0.07 0.00	37.42 0.06 0.00	37.33 0.30 0.00	34.75 0.46 0.00	35.86 0.79 0.00	37.19 0.73 0.00	33.97 0.49 0.00	30.06 0.49 0.00	27.13 0.56 0.00	25.58 0.52 0.00	25.69 0.49 0.00	27.76 0.50 0.00	37.14 0.46 0.00	38.82 0.63 0.00	44.06 0.75 0.00	39.49 0.59 0.00	39.29 0.51 0.00	38.26 0.39 0.00	34.28 0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.14 -0.49 0.00	24.00 -0.48 0.00	27.10 -0.48 0.00	26.50 -0.49 0.00	28.46 -0.46 0.00	33.67 -0.44 0.00	36.79 -0.57 0.00	36.67 -0.36 0.00	34.18 -0.11 0.00	35.40 0.33 0.00	36.78 0.32 0.00	33.59 0.11 0.00	29.80 0.24 0.00	26.89 0.32 0.00	25.35 0.28 0.00	25.41 0.20 0.00	27.40 0.14 0.00	36.57 -0.10 0.00	38.17 -0.02 0.00	43.37 0.06 0.00	38.87 -0.03 0.00	38.73 -0.04 0.00	37.70 -0.17 0.00	33.84 -0.08 0.00
STA_56__34_KV_BUS2 355983	25.14 -0.49 0.00	24.00 -0.48 0.00	27.10 -0.48 0.00	26.50 -0.49 0.00	28.46 -0.46 0.00	33.67 -0.44 0.00	36.79 -0.57 0.00	36.67 -0.36 0.00	34.18 -0.11 0.00	35.40 0.33 0.00	36.78 0.32 0.00	33.59 0.11 0.00	29.80 0.24 0.00	26.89 0.32 0.00	25.35 0.28 0.00	25.41 0.20 0.00	27.40 0.14 0.00	36.57 -0.10 0.00	38.17 -0.02 0.00	43.37 0.06 0.00	38.87 -0.03 0.00	38.73 -0.04 0.00	37.70 -0.17 0.00	33.84 -0.08 0.00
STA_67__115KV_BK2 355882	25.11 -0.52 0.00	23.97 -0.51 0.00	27.08 -0.50 0.00	26.47 -0.52 0.00	28.42 -0.49 0.00	33.63 -0.48 0.00	36.72 -0.64 0.00	36.50 -0.45 0.09	34.12 -0.17 0.00	35.37 0.30 0.00	36.75 0.29 0.00	33.57 0.09 0.00	29.79 0.23 0.00	26.89 0.32 0.00	25.35 0.28 0.00	25.39 0.19 0.00	27.38 0.12 0.00	36.52 -0.16 0.00	38.11 -0.08 0.00	43.32 0.01 0.00	38.83 -0.07 0.00	38.71 -0.07 0.00	37.69 -0.18 0.00	33.85 -0.07 0.00
STA_7__115KV_9TRANS 80674	25.30 -0.33 0.00	24.14 -0.33 0.00	27.28 -0.30 0.00	26.66 -0.33 0.00	28.63 -0.28 0.00	33.90 -0.22 0.00	37.02 -0.34 0.00	36.82 -0.12 0.09	34.42 0.13 0.00	35.68 0.61 0.00	37.07 0.61 0.00	33.85 0.37 0.00	30.04 0.47 0.00	27.10 0.53 0.00	25.55 0.48 0.00	25.60 0.40 0.00	27.60 0.34 0.00	36.85 0.17 0.00	38.46 0.28 0.00	43.72 0.41 0.00	39.18 0.28 0.00	39.04 0.27 0.00	37.99 0.13 0.00	34.10 0.18 0.00
STA_82__115KV_TB1 80780	25.11 -0.52 0.00	23.97 -0.50 0.00	27.09 -0.49 0.00	26.48 -0.51 0.00	28.44 -0.48 0.00	33.65 -0.47 0.00	36.74 -0.63 0.00	36.61 -0.43 0.00	34.14 -0.15 0.00	35.38 0.31 0.00	36.76 0.30 0.00	33.58 0.10 0.00	29.80 0.24 0.00	26.90 0.33 0.00	25.35 0.28 0.00	25.40 0.20 0.00	27.38 0.12 0.00	36.53 -0.14 0.00	38.13 -0.05 0.00	43.34 0.03 0.00	38.84 -0.05 0.00	38.72 -0.05 0.00	37.70 -0.17 0.00	33.86 -0.06 0.00
STEEL__WIND 323596	24.69 -0.94 0.00	23.64 -0.84 0.00	26.84 -0.74 0.00	26.13 -0.86 0.00	28.08 -0.83 0.00	33.22 -0.90 0.00	36.20 -1.16 0.00	35.76 -0.93 0.36	33.36 -0.93 0.00	35.17 0.10 0.00	36.58 0.12 0.00	33.30 -0.18 0.00	29.69 0.13 0.00	26.93 0.36 0.00	25.40 0.33 0.00	25.38 0.18 0.00	27.33 0.07 0.00	36.19 -0.48 0.00	37.77 -0.42 0.00	42.96 -0.35 0.00	38.58 -0.32 0.00	38.55 -0.23 0.00	37.57 -0.30 0.00	33.85 -0.07 0.00
STEPHTWN_115KV_BK_2 55603	26.07 0.44 0.00	24.92 0.45 0.00	28.03 0.45 0.00	27.39 0.40 0.00	29.40 0.49 0.00	34.74 0.62 0.00	38.17 0.81 0.00	37.79 0.76 0.00	34.85 0.55 0.00	35.47 0.40 0.00	36.96 0.50 0.00	33.78 0.29 0.00	29.74 0.18 0.00	26.87 0.29 0.00	25.35 0.28 0.00	25.50 0.30 0.00	27.72 0.46 0.00	37.43 0.76 0.00	38.98 0.80 0.00	43.98 0.67 0.00	39.52 0.63 0.00	39.25 0.47 0.00	38.31 0.45 0.00	34.34 0.42 0.00
STEUBEN_REC_LFGE 323667	24.84 -0.80 0.00	23.75 -0.73 0.00	27.15 -0.43 0.00	26.48 -0.50 0.00	28.30 -0.61 0.00	33.40 -0.72 0.00	36.39 -0.97 0.00	37.68 -0.61 -1.25	34.21 -0.08 0.00	35.36 0.30 0.00	36.72 0.26 0.00	33.37 -0.12 0.00	29.55 -0.02 0.00	26.87 0.30 0.00	25.39 0.32 0.00	25.38 0.18 0.00	27.48 0.22 0.00	36.85 0.17 0.00	38.71 0.53 0.00	43.96 0.65 0.00	39.20 0.30 0.00	38.97 0.19 0.00	38.08 0.22 0.00	34.39 0.47 0.00
STILLWATER__SOLAR 323814	26.61 0.98 0.00	25.42 0.94 0.00	28.59 1.01 0.00	27.97 0.98 0.00	30.00 1.09 0.00	35.44 1.32 0.00	38.91 1.55 0.00	38.57 1.53 0.00	35.53 1.24 0.00	36.03 0.96 0.00	37.57 1.11 0.00	34.49 1.01 0.00	30.25 0.69 0.00	27.28 0.71 0.00	25.68 0.62 0.00	25.86 0.66 0.00	28.14 0.88 0.00	38.15 1.48 0.00	39.80 1.61 0.00	44.95 1.64 0.00	40.40 1.50 0.00	40.18 1.40 0.00	39.17 1.30 0.00	35.08 1.16 0.00
STONY__BROOK 24151	26.74 1.11 0.00	25.52 1.04 0.00	28.50 0.92 0.00	27.81 0.82 0.00	27.82 0.59 1.68	21.78 0.74 13.07	36.96 0.91 1.31	15.19 0.78 22.62	14.91 0.65 20.03	17.47 0.94 18.54	27.65 0.86 9.66	34.20 0.94 0.22	30.72 1.17 0.01	27.76 1.18 0.00	26.47 1.40 0.00	26.54 1.34 0.00	28.27 1.23 0.22	32.47 1.23 5.43	28.45 1.50 11.23	26.88 1.45 17.88	31.82 1.17 8.24	37.82 0.86 1.82	38.50 0.64 0.00	34.44 0.53 0.01
STURGEON_POOL_HYD 23609	26.30 0.67 0.00	25.10 0.62 0.00	28.22 0.64 0.00	27.63 0.64 0.00	29.55 0.63 0.00	34.91 0.79 0.00	38.29 0.92 0.00	38.01 0.97 0.00	35.11 0.82 0.00	35.96 0.89 0.00	37.21 0.75 0.00	34.21 0.72 0.00	30.31 0.75 0.00	27.47 0.90 0.00	26.06 0.99 0.00	26.25 1.05 0.00	28.22 0.96 0.00	37.89 1.21 0.00	39.49 1.31 0.00	44.55 1.24 0.00	40.00 1.10 0.00	39.76 0.98 0.00	38.69 0.82 0.00	34.54 0.62 0.00
ST_LAW_115_BK7_LBMP 345037	25.70 0.07 0.00	24.51 0.03 0.00	27.58 0.00 0.00	27.00 0.02 0.00	28.94 0.03 0.00	34.10 -0.02 0.00	37.15 -0.21 0.00	36.77 -0.26 0.00	34.21 -0.08 0.00	34.98 -0.09 0.00	36.56 0.11 0.00	33.65 0.17 0.00	29.71 0.14 0.00	26.34 -0.24 0.00	24.72 -0.34 0.00	24.81 -0.40 0.00	26.90 -0.36 0.00	36.26 -0.41 0.00	37.76 -0.42 0.00	42.98 -0.33 0.00	38.57 -0.33 0.00	38.68 -0.09 0.00	37.95 0.09 0.00	34.04 0.12 0.00



ST_LAW_115_BK8_LBMP 345038	25.70 0.07 0.00	24.51 0.03 0.00	27.58 0.00 0.00	27.00 0.02 0.00	28.94 0.03 0.00	34.10 -0.02 0.00	37.15 -0.21 0.00	36.77 -0.26 0.00	34.21 -0.08 0.00	34.98 -0.09 0.00	36.56 0.11 0.00	33.65 0.17 0.00	29.71 0.14 0.00	26.34 -0.24 0.00	24.72 -0.34 0.00	24.81 -0.40 0.00	26.90 -0.36 0.00	36.26 -0.41 0.00	37.76 -0.42 0.00	42.98 -0.33 0.00	38.57 -0.33 0.00	38.68 -0.09 0.00	37.95 0.09 0.00	34.04 0.12 0.00
ST_LAW_230_BK5_LBMP 345035	25.70 0.07 0.00	24.51 0.03 0.00	27.57 -0.01 0.00	27.00 0.01 0.00	28.94 0.02 0.00	34.09 -0.02 0.00	37.15 -0.21 0.00	36.77 -0.26 0.00	34.21 -0.08 0.00	34.98 -0.09 0.00	36.56 0.11 0.00	33.65 0.17 0.00	29.71 0.14 0.00	26.34 -0.23 0.00	24.72 -0.34 0.00	24.81 -0.39 0.00	26.91 -0.35 0.00	36.25 -0.42 0.00	37.76 -0.42 0.00	42.98 -0.33 0.00	38.57 -0.33 0.00	38.68 -0.09 0.00	37.94 0.07 0.00	34.03 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	25.70 0.07 0.00	24.51 0.03 0.00	27.57 -0.01 0.00	27.00 0.01 0.00	28.94 0.02 0.00	34.09 -0.02 0.00	37.15 -0.21 0.00	36.77 -0.26 0.00	34.21 -0.08 0.00	34.98 -0.09 0.00	36.56 0.11 0.00	33.65 0.17 0.00	29.71 0.14 0.00	26.34 -0.23 0.00	24.72 -0.34 0.00	24.81 -0.39 0.00	26.91 -0.35 0.00	36.25 -0.42 0.00	37.76 -0.42 0.00	42.98 -0.33 0.00	38.57 -0.33 0.00	38.68 -0.09 0.00	37.94 0.07 0.00	34.03 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.21 0.58 0.00	25.00 0.53 0.00	28.13 0.55 0.00	27.54 0.55 0.00	29.48 0.57 0.00	34.85 0.73 0.00	38.22 0.86 0.00	37.90 0.86 0.00	34.98 0.69 0.00	35.82 0.75 0.00	37.08 0.63 0.00	34.07 0.59 0.00	30.18 0.62 0.00	27.30 0.73 0.00	25.87 0.80 0.00	26.03 0.83 0.00	28.04 0.78 0.00	37.72 1.04 0.00	39.37 1.19 0.00	44.41 1.10 0.00	39.86 0.96 0.00	39.64 0.87 0.00	38.57 0.71 0.00	34.48 0.56 0.00
SWANROAD_115KV_TB1 355699	24.08 -1.55 0.00	23.03 -1.45 0.00	26.09 -1.49 0.00	25.47 -1.52 0.00	27.34 -1.58 0.00	32.33 -1.79 0.00	34.95 -2.41 0.00	34.21 -2.38 0.45	32.07 -2.22 0.00	33.90 -1.17 0.00	35.33 -1.13 0.00	32.26 -1.23 0.00	28.80 -0.76 0.00	26.10 -0.48 0.00	24.58 -0.49 0.00	24.54 -0.66 0.00	26.37 -0.89 0.00	34.77 -1.91 0.00	36.23 -1.95 0.00	41.34 -1.97 0.00	37.12 -1.78 0.00	37.18 -1.59 0.00	36.22 -1.64 0.00	32.81 -1.11 0.00
SYNERGY___BIOGAS 323694	25.24 -0.39 0.00	24.10 -0.38 0.00	27.28 -0.30 0.00	26.63 -0.36 0.00	28.58 -0.33 0.00	33.87 -0.24 0.00	36.86 -0.50 0.00	36.40 -0.29 0.34	34.12 -0.17 0.00	35.60 0.53 0.00	36.89 0.44 0.00	33.72 0.24 0.00	29.99 0.43 0.00	27.15 0.57 0.00	25.59 0.53 0.00	25.61 0.41 0.00	27.62 0.36 0.00	36.59 -0.08 0.00	38.39 0.20 0.00	43.78 0.47 0.00	39.25 0.35 0.00	39.16 0.39 0.00	38.07 0.20 0.00	34.31 0.39 0.00
SYRACUSE___ENERGY_ST1 323597	25.38 -0.25 0.00	24.23 -0.24 0.00	27.35 -0.23 0.00	26.75 -0.24 0.00	28.67 -0.25 0.00	33.88 -0.23 0.00	37.18 -0.18 0.00	36.96 -0.08 0.00	34.22 -0.08 0.00	35.09 0.01 0.00	36.36 -0.09 0.00	33.34 -0.14 0.00	29.45 -0.11 0.00	26.52 -0.06 0.00	25.06 -0.01 0.00	25.21 0.01 0.00	27.27 0.01 0.00	36.67 0.00 0.00	38.26 0.07 0.00	43.33 0.02 0.00	38.89 -0.01 0.00	38.71 -0.06 0.00	37.72 -0.14 0.00	33.77 -0.15 0.00
SYRACUSE___ENERGY_ST2 323598	25.38 -0.25 0.00	24.23 -0.24 0.00	27.35 -0.23 0.00	26.75 -0.24 0.00	28.67 -0.25 0.00	33.88 -0.23 0.00	37.18 -0.18 0.00	36.96 -0.08 0.00	34.22 -0.08 0.00	35.09 0.01 0.00	36.36 -0.09 0.00	33.34 -0.14 0.00	29.45 -0.11 0.00	26.52 -0.06 0.00	25.06 -0.01 0.00	25.21 0.01 0.00	27.27 0.01 0.00	36.67 0.00 0.00	38.26 0.07 0.00	43.33 0.02 0.00	38.89 -0.01 0.00	38.71 -0.06 0.00	37.72 -0.14 0.00	33.77 -0.15 0.00
SYRACUSE___POWER 24017	25.40 -0.23 0.00	24.26 -0.22 0.00	27.38 -0.19 0.00	26.78 -0.21 0.00	28.70 -0.21 0.00	33.92 -0.20 0.00	37.22 -0.14 0.00	37.00 -0.04 0.00	34.27 -0.02 0.00	35.15 0.08 0.00	36.43 -0.03 0.00	33.38 -0.11 0.00	29.49 -0.07 0.00	26.56 -0.01 0.00	25.08 0.01 0.00	25.25 0.05 0.00	27.30 0.04 0.00	36.72 0.04 0.00	38.32 0.14 0.00	43.42 0.11 0.00	38.96 0.07 0.00	38.77 0.00 0.00	37.77 -0.09 0.00	33.81 -0.11 0.00
TALLMAN___138KV_BK151 55660	26.25 0.62 0.00	25.03 0.55 0.00	28.15 0.57 0.00	27.57 0.59 0.00	29.52 0.60 0.00	34.91 0.79 0.00	38.28 0.92 0.00	37.93 0.89 0.00	34.99 0.70 0.00	35.88 0.81 0.00	37.12 0.66 0.00	34.11 0.63 0.00	30.24 0.68 0.00	27.38 0.81 0.00	25.95 0.89 0.00	26.11 0.91 0.00	28.10 0.84 0.00	37.77 1.09 0.00	39.42 1.24 0.00	44.43 1.12 0.00	39.87 0.98 0.00	39.66 0.89 0.00	38.58 0.71 0.00	34.48 0.56 0.00
TEALLAVE_115KV_TB7 355573	25.28 -0.36 0.00	24.14 -0.34 0.00	27.23 -0.34 0.00	26.64 -0.35 0.00	28.55 -0.37 0.00	33.75 -0.37 0.00	37.02 -0.34 0.00	36.79 -0.24 0.00	34.09 -0.19 0.00	34.97 -0.10 0.00	36.26 -0.20 0.00	33.24 -0.24 0.00	29.37 -0.19 0.00	26.45 -0.13 0.00	24.98 -0.09 0.00	25.13 -0.07 0.00	27.17 -0.10 0.00	36.51 -0.17 0.00	38.10 -0.08 0.00	43.17 -0.14 0.00	38.73 -0.16 0.00	38.56 -0.22 0.00	37.57 -0.30 0.00	33.63 -0.29 0.00
TELGRAPH_34_KV_EAST 80808	24.69 -0.94 0.00	23.61 -0.87 0.00	26.73 -0.85 0.00	26.09 -0.90 0.00	27.98 -0.94 0.00	33.10 -1.02 0.00	35.87 -1.49 0.00	35.26 -1.35 0.42	33.11 -1.19 0.00	34.82 -0.25 0.00	36.22 -0.24 0.00	33.06 -0.42 0.00	29.46 -0.11 0.00	26.67 0.09 0.00	25.13 0.07 0.00	25.13 -0.07 0.00	27.04 -0.22 0.00	35.77 -0.90 0.00	37.36 -0.83 0.00	42.58 -0.73 0.00	38.20 -0.70 0.00	38.18 -0.59 0.00	37.18 -0.69 0.00	33.59 -0.33 0.00
TEMPLE___115KV_TB 2 55572	25.29 -0.34 0.00	24.15 -0.33 0.00	27.25 -0.33 0.00	26.65 -0.34 0.00	28.57 -0.35 0.00	33.77 -0.35 0.00	37.04 -0.32 0.00	36.81 -0.23 0.00	34.10 -0.19 0.00	34.99 -0.08 0.00	36.29 -0.17 0.00	33.25 -0.23 0.00	29.39 -0.18 0.00	26.47 -0.10 0.00	24.99 -0.08 0.00	25.15 -0.06 0.00	27.18 -0.08 0.00	36.53 -0.14 0.00	38.11 -0.07 0.00	43.18 -0.13 0.00	38.75 -0.15 0.00	38.57 -0.21 0.00	37.58 -0.28 0.00	33.64 -0.28 0.00
TIANA____69_KV_BK 1 55817	26.70 1.07 0.00	25.48 1.00 0.00	28.42 0.84 0.00	27.76 0.77 0.00	27.77 0.57 1.72	21.58 0.79 13.33	36.97 0.94 1.34	15.07 1.08 23.05	14.76 0.88 20.42	17.10 0.93 18.89	27.43 0.82 9.85	34.18 0.92 0.22	30.69 1.14 0.01	27.78 1.20 0.00	26.53 1.46 0.00	26.63 1.43 0.00	28.45 1.41 0.22	32.96 1.82 5.53	28.95 2.17 11.41	27.34 2.19 18.16	32.30 1.78 8.37	38.30 1.38 1.85	39.00 1.13 0.00	34.66 0.75 0.01
TILDEN___115KV_TB1 80814	25.40 -0.23 0.00	24.26 -0.22 0.00	27.38 -0.19 0.00	26.78 -0.21 0.00	28.70 -0.21 0.00	33.92 -0.20 0.00	37.22 -0.14 0.00	37.00 -0.04 0.00	34.27 -0.02 0.00	35.15 0.08 0.00	36.43 -0.03 0.00	33.38 -0.11 0.00	29.49 -0.07 0.00	26.56 -0.01 0.00	25.08 0.01 0.00	25.25 0.05 0.00	27.30 0.04 0.00	36.72 0.04 0.00	38.32 0.14 0.00	43.42 0.11 0.00	38.96 0.07 0.00	38.77 0.00 0.00	37.77 -0.09 0.00	33.81 -0.11 0.00



TRIGEN___CC 323695	26.62 1.00 0.00	25.39 0.91 0.00	28.45 0.88 0.00	27.83 0.84 0.00	29.21 0.75 0.45	31.63 0.97 3.46	38.15 1.10 0.31	32.09 1.18 6.12	29.90 1.03 5.42	31.20 1.14 5.02	34.91 1.06 2.61	34.50 1.08 0.06	30.69 1.13 0.00	27.77 1.19 0.00	26.39 1.32 0.00	26.52 1.32 0.00	28.44 1.24 0.06	36.69 1.51 1.49	36.41 1.59 3.36	39.48 1.52 5.34	37.78 1.33 2.45	39.45 1.17 0.49	38.87 1.01 0.00	34.65 0.73 0.00
TRINITY___115KV___4 BK 55933	25.89 0.25 0.00	24.72 0.24 0.00	27.80 0.22 0.00	27.21 0.22 0.00	29.17 0.25 0.00	34.42 0.30 0.00	37.79 0.43 0.00	37.36 0.33 0.00	34.48 0.19 0.00	35.08 0.01 0.00	36.51 0.05 0.00	33.55 0.07 0.00	29.53 -0.03 0.00	26.68 0.10 0.00	25.17 0.10 0.00	25.32 0.12 0.00	27.43 0.17 0.00	37.01 0.34 0.00	38.54 0.35 0.00	43.49 0.18 0.00	39.09 0.20 0.00	38.89 0.11 0.00	37.96 0.09 0.00	34.06 0.14 0.00
UNION___PROCESSING_DRP 323587	25.12 -0.51 0.00	23.98 -0.49 0.00	27.09 -0.49 0.00	26.50 -0.50 0.00	28.44 -0.47 0.00	33.66 -0.45 0.00	36.75 -0.62 0.00	36.54 -0.41 0.08	34.15 -0.14 0.00	35.40 0.33 0.00	36.78 0.32 0.00	33.59 0.11 0.00	29.80 0.24 0.00	26.90 0.33 0.00	25.36 0.29 0.00	25.41 0.21 0.00	27.40 0.14 0.00	36.55 -0.13 0.00	38.14 -0.04 0.00	43.36 0.05 0.00	38.86 -0.03 0.00	38.73 -0.04 0.00	37.71 -0.16 0.00	33.87 -0.05 0.00
UPPER HUDSON___HYD 24058	26.61 0.98 0.00	25.40 0.92 0.00	28.54 0.97 0.00	27.93 0.94 0.00	29.99 1.07 0.00	35.44 1.33 0.00	38.96 1.60 0.00	38.69 1.66 0.00	35.64 1.35 0.00	36.07 1.01 0.00	37.61 1.15 0.00	34.53 1.05 0.00	30.20 0.64 0.00	27.21 0.64 0.00	25.61 0.54 0.00	25.83 0.62 0.00	28.13 0.87 0.00	38.20 1.53 0.00	39.90 1.72 0.00	45.10 1.79 0.00	40.55 1.66 0.00	40.29 1.52 0.00	39.23 1.36 0.00	35.08 1.16 0.00
UPPER RAQUET___HYD 24056	25.98 0.35 0.00	24.63 0.16 0.00	27.68 0.10 0.00	27.18 0.19 0.00	29.30 0.39 0.00	34.21 0.09 0.00	37.52 0.16 0.00	36.45 -0.58 0.00	33.72 -0.58 0.00	34.37 -0.70 0.00	35.61 -0.85 0.00	33.55 0.07 0.00	30.33 0.77 0.00	26.69 0.11 0.00	24.93 -0.14 0.00	25.13 -0.07 0.00	27.36 0.10 0.00	36.36 -0.31 0.00	38.63 0.45 0.00	43.92 0.61 0.00	40.09 1.20 0.00	41.20 2.42 0.00	40.29 2.43 0.00	36.00 2.09 0.00
VALLEY44_115KV_TB2 355964	25.19 -0.44 0.00	24.13 -0.35 0.00	27.47 -0.11 0.00	26.81 -0.18 0.00	28.77 -0.15 0.00	33.95 -0.16 0.00	37.04 -0.32 0.00	36.88 -0.05 0.10	34.12 -0.17 0.00	35.89 0.82 0.00	37.08 0.62 0.00	33.63 0.15 0.00	30.12 0.56 0.00	27.39 0.82 0.00	25.71 0.64 0.00	25.75 0.55 0.00	27.76 0.50 0.00	37.00 0.32 0.00	38.68 0.50 0.00	43.78 0.47 0.00	39.30 0.40 0.00	39.20 0.42 0.00	38.16 0.29 0.00	34.23 0.31 0.00
VALLEY___115KV_TB 1-4 80826	25.50 -0.14 0.00	24.39 -0.09 0.00	27.39 -0.19 0.00	26.84 -0.15 0.00	28.78 -0.13 0.00	34.04 -0.08 0.00	37.48 0.12 0.00	37.12 0.09 0.00	34.03 -0.26 0.00	34.46 -0.61 0.00	35.80 -0.66 0.00	32.88 -0.60 0.00	28.81 -0.75 0.00	26.15 -0.42 0.00	24.58 -0.49 0.00	24.66 -0.54 0.00	26.91 -0.35 0.00	36.62 -0.05 0.00	38.46 0.27 0.00	43.61 0.30 0.00	39.10 0.21 0.00	38.78 0.01 0.00	37.80 -0.07 0.00	33.87 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.53 0.90 0.00	25.36 0.88 0.00	28.65 1.07 0.00	28.03 1.04 0.00	30.02 1.11 0.00	35.44 1.32 0.00	38.84 1.48 0.00	38.49 1.46 0.00	35.57 1.27 0.00	36.46 1.39 0.00	37.86 1.41 0.00	34.72 1.23 0.00	30.66 1.10 0.00	27.63 1.06 0.00	26.12 1.05 0.00	26.25 1.04 0.00	28.39 1.13 0.00	38.21 1.53 0.00	39.88 1.69 0.00	45.17 1.86 0.00	40.55 1.66 0.00	40.33 1.56 0.00	39.27 1.40 0.00	35.16 1.24 0.00
VISCHER___FERRY HYD 24020	26.30 0.67 0.00	25.12 0.64 0.00	28.26 0.68 0.00	27.66 0.67 0.00	29.65 0.73 0.00	34.99 0.87 0.00	38.35 0.99 0.00	37.96 0.92 0.00	35.01 0.72 0.00	35.60 0.53 0.00	37.07 0.62 0.00	34.07 0.59 0.00	29.96 0.40 0.00	27.04 0.46 0.00	25.49 0.42 0.00	25.63 0.43 0.00	27.81 0.55 0.00	37.52 0.84 0.00	39.08 0.90 0.00	44.12 0.81 0.00	39.68 0.78 0.00	39.51 0.74 0.00	38.59 0.72 0.00	34.61 0.69 0.00
V_A_10_SYNC_DSASP 323832	24.49 -1.14 0.00	23.42 -1.06 0.00	26.50 -1.08 0.00	25.89 -1.10 0.00	27.81 -1.11 0.00	32.89 -1.23 0.00	35.73 -1.63 0.00	35.20 -1.52 0.31	32.80 -1.49 0.00	34.49 -0.58 0.00	35.94 -0.52 0.00	32.76 -0.73 0.00	29.18 -0.38 0.00	26.46 -0.11 0.00	24.93 -0.14 0.00	24.96 -0.24 0.00	26.90 -0.36 0.00	35.65 -1.02 0.00	37.15 -1.03 0.00	42.26 -1.05 0.00	37.91 -0.99 0.00	37.89 -0.89 0.00	36.94 -0.93 0.00	33.28 -0.64 0.00
V_CMM_10_SYNC_DSASP 323787	25.83 0.20 0.00	24.64 0.17 0.00	27.72 0.15 0.00	27.14 0.15 0.00	29.09 0.18 0.00	34.28 0.16 0.00	37.36 0.00 0.00	36.98 -0.06 0.00	34.40 0.10 0.00	35.18 0.11 0.00	36.77 0.31 0.00	33.83 0.35 0.00	29.87 0.30 0.00	26.49 -0.09 0.00	24.86 -0.21 0.00	24.95 -0.25 0.00	27.04 -0.22 0.00	36.46 -0.22 0.00	37.97 -0.21 0.00	43.22 -0.09 0.00	38.78 -0.12 0.00	38.89 0.11 0.00	38.15 0.29 0.00	34.21 0.29 0.00
V_CMP_10_SYNC_DSASP 323788	25.58 -0.05 0.00	24.30 -0.17 0.00	27.22 -0.35 0.00	26.58 -0.41 0.00	28.57 -0.35 0.00	33.43 -0.68 0.00	36.13 -1.23 0.00	35.89 -1.14 0.00	33.42 -0.87 0.00	34.48 -0.59 0.00	36.55 0.09 0.00	34.04 0.56 0.00	29.83 0.27 0.00	26.08 -0.50 0.00	24.23 -0.84 0.00	24.56 -0.65 0.00	26.81 -0.45 0.00	36.03 -0.64 0.00	37.55 -0.64 0.00	42.46 -0.85 0.00	38.14 -0.76 0.00	38.43 -0.34 0.00	38.35 0.48 0.00	34.58 0.66 0.00
V_D_10_SYNC_DSASP 323841	25.96 0.33 0.00	24.77 0.29 0.00	27.85 0.27 0.00	27.28 0.29 0.00	29.24 0.32 0.00	34.45 0.33 0.00	37.54 0.18 0.00	37.16 0.12 0.00	34.56 0.26 0.00	35.35 0.28 0.00	36.95 0.49 0.00	33.99 0.51 0.00	30.01 0.45 0.00	26.61 0.04 0.00	24.98 -0.09 0.00	25.07 -0.13 0.00	27.18 -0.08 0.00	36.64 -0.04 0.00	38.16 -0.03 0.00	43.41 0.10 0.00	38.91 0.02 0.00	39.07 0.30 0.00	38.33 0.47 0.00	34.38 0.46 0.00
V_E_10_SYNC_DSASP 323830	27.27 1.64 0.00	25.90 1.43 0.00	29.57 2.00 0.00	28.72 1.72 0.00	30.80 1.89 0.00	36.54 2.43 0.00	40.24 2.88 0.00	40.03 2.87 -0.13	36.83 2.54 0.00	37.74 2.67 0.00	38.79 2.33 0.00	35.36 1.88 0.00	31.00 1.44 0.00	27.80 1.22 0.00	26.34 1.28 0.00	26.67 1.47 0.00	29.13 1.86 0.00	39.47 2.79 0.00	41.69 3.51 0.00	47.51 4.20 0.00	42.48 3.58 0.00	42.30 3.52 0.00	41.16 3.29 0.00	36.73 2.80 0.00
V_F_30_NSYNC___DSASP 323816	26.63 1.00 0.00	25.44 0.96 0.00	28.62 1.04 0.00	28.00 1.01 0.00	30.03 1.11 0.00	35.47 1.36 0.00	38.96 1.60 0.00	38.61 1.57 0.00	35.57 1.28 0.00	36.09 1.02 0.00	37.63 1.17 0.00	34.54 1.06 0.00	30.31 0.75 0.00	27.33 0.76 0.00	25.73 0.67 0.00	25.92 0.72 0.00	28.20 0.94 0.00	38.22 1.54 0.00	39.85 1.67 0.00	45.01 1.70 0.00	40.45 1.56 0.00	40.23 1.46 0.00	39.22 1.35 0.00	35.12 1.20 0.00



V_F_30_SYNC_DSASP 323786	25.97 0.34 0.00	24.80 0.32 0.00	27.89 0.31 0.00	27.30 0.31 0.00	29.26 0.35 0.00	34.55 0.43 0.00	37.93 0.57 0.00	37.53 0.50 0.00	34.62 0.33 0.00	35.24 0.17 0.00	36.67 0.21 0.00	33.70 0.22 0.00	29.66 0.09 0.00	26.78 0.20 0.00	25.26 0.19 0.00	25.43 0.22 0.00	27.56 0.30 0.00	37.20 0.52 0.00	38.74 0.55 0.00	43.71 0.40 0.00	39.29 0.39 0.00	39.06 0.28 0.00	38.11 0.25 0.00	34.20 0.28 0.00
V_XM_10_SYNC_DSASP 323789	25.58 -0.05 0.00	24.30 -0.17 0.00	27.22 -0.35 0.00	26.58 -0.41 0.00	28.57 -0.35 0.00	33.43 -0.68 0.00	36.13 -1.23 0.00	35.89 -1.14 0.00	33.42 -0.87 0.00	34.48 -0.59 0.00	36.55 0.09 0.00	34.04 0.56 0.00	29.83 0.27 0.00	26.08 -0.50 0.00	24.23 -0.84 0.00	24.56 -0.65 0.00	26.81 -0.45 0.00	36.03 -0.64 0.00	37.55 -0.64 0.00	42.46 -0.85 0.00	38.14 -0.76 0.00	38.43 -0.34 0.00	38.35 0.48 0.00	34.58 0.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.33 0.70 0.00	25.10 0.62 0.00	28.23 0.65 0.00	27.65 0.66 0.00	29.61 0.69 0.00	35.01 0.89 0.00	38.40 1.05 0.00	38.04 1.01 0.00	35.09 0.80 0.00	35.97 0.90 0.00	37.20 0.74 0.00	34.19 0.71 0.00	30.33 0.77 0.00	27.45 0.88 0.00	26.02 0.95 0.00	26.18 0.98 0.00	28.17 0.91 0.00	37.87 1.20 0.00	39.53 1.34 0.00	44.56 1.24 0.00	39.99 1.09 0.00	39.77 1.00 0.00	38.66 0.80 0.00	34.57 0.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.64 1.01 0.00	25.40 0.92 0.00	28.52 0.94 0.00	27.93 0.94 0.00	29.86 0.95 0.00	35.31 1.19 0.00	38.73 1.37 0.00	38.45 1.41 0.00	35.53 1.24 0.00	36.45 1.38 0.00	37.79 1.33 0.00	34.79 1.30 0.00	30.82 1.25 0.00	27.91 1.34 0.00	26.48 1.41 0.00	26.64 1.44 0.00	28.67 1.41 0.00	38.45 1.77 0.00	40.05 1.87 0.00	45.11 1.80 0.00	40.47 1.58 0.00	40.23 1.45 0.00	39.15 1.28 0.00	34.98 1.06 0.00
W50THST__13_KV_LOAD 356117	26.77 1.15 0.00	25.53 1.05 0.00	28.66 1.08 0.00	28.06 1.07 0.00	30.01 1.10 0.00	35.50 1.38 0.00	38.94 1.58 0.00	38.66 1.62 0.00	35.75 1.46 0.00	36.71 1.64 0.00	38.07 1.61 0.00	35.05 1.57 0.00	31.06 1.50 0.00	28.13 1.56 0.00	26.68 1.62 0.00	26.85 1.65 0.00	28.90 1.64 0.00	38.74 2.06 0.00	40.34 2.16 0.00	45.41 2.10 0.00	40.71 1.82 0.00	40.45 1.68 0.00	39.37 1.51 0.00	35.18 1.26 0.00
WADING RIVER_IC_1 23522	26.71 1.08 0.00	25.49 1.01 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.78 0.58 1.72	21.57 0.79 13.34	36.94 0.92 1.34	15.00 1.04 23.07	14.71 0.85 20.43	17.08 0.91 18.90	27.39 0.79 9.86	34.12 0.86 0.22	30.64 1.09 0.01	27.70 1.12 0.00	26.43 1.36 0.00	26.52 1.32 0.00	28.31 1.27 0.22	32.72 1.58 5.54	28.67 1.90 11.41	27.05 1.91 18.17	32.06 1.54 8.38	38.09 1.17 1.85	38.81 0.94 0.00	34.53 0.61 0.01
WADING RIVER_IC_2 23547	26.71 1.08 0.00	25.49 1.01 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.78 0.58 1.72	21.57 0.79 13.34	36.94 0.92 1.34	15.00 1.04 23.07	14.71 0.85 20.43	17.08 0.91 18.90	27.39 0.79 9.86	34.12 0.86 0.22	30.64 1.09 0.01	27.70 1.12 0.00	26.43 1.36 0.00	26.52 1.32 0.00	28.31 1.27 0.22	32.72 1.58 5.54	28.67 1.90 11.41	27.05 1.91 18.17	32.06 1.54 8.38	38.09 1.17 1.85	38.81 0.94 0.00	34.53 0.61 0.01
WADING RIVER_IC_3 23601	26.71 1.08 0.00	25.49 1.01 0.00	28.45 0.87 0.00	27.77 0.78 0.00	27.78 0.58 1.72	21.57 0.79 13.34	36.94 0.92 1.34	15.00 1.04 23.07	14.71 0.85 20.43	17.08 0.91 18.90	27.39 0.79 9.86	34.12 0.86 0.22	30.64 1.09 0.01	27.70 1.12 0.00	26.43 1.36 0.00	26.52 1.32 0.00	28.31 1.27 0.22	32.72 1.58 5.54	28.67 1.90 11.41	27.05 1.91 18.17	32.06 1.54 8.38	38.09 1.17 1.85	38.81 0.94 0.00	34.53 0.61 0.01
WALDENNY_12_KV_BK2 80841	24.71 -0.92 0.00	23.66 -0.81 0.00	26.85 -0.72 0.00	26.18 -0.81 0.00	28.11 -0.81 0.00	33.26 -0.86 0.00	36.21 -1.15 0.00	35.72 -0.95 0.37	33.35 -0.94 0.00	35.18 0.11 0.00	36.59 0.13 0.00	33.33 -0.15 0.00	29.76 0.20 0.00	26.97 0.40 0.00	25.41 0.34 0.00	25.41 0.20 0.00	27.35 0.09 0.00	36.21 -0.46 0.00	37.77 -0.42 0.00	42.97 -0.34 0.00	38.58 -0.32 0.00	38.54 -0.23 0.00	37.56 -0.30 0.00	33.87 -0.05 0.00
WALDEN__HYDRO 24148	26.36 0.72 0.00	25.15 0.67 0.00	28.28 0.70 0.00	27.69 0.70 0.00	29.63 0.72 0.00	35.03 0.91 0.00	38.44 1.08 0.00	38.14 1.10 0.00	35.20 0.91 0.00	36.00 0.93 0.00	37.24 0.78 0.00	34.22 0.74 0.00	30.29 0.73 0.00	27.41 0.84 0.00	25.98 0.91 0.00	26.15 0.95 0.00	28.20 0.94 0.00	37.94 1.26 0.00	39.61 1.43 0.00	44.70 1.39 0.00	40.12 1.22 0.00	39.88 1.11 0.00	38.80 0.93 0.00	34.67 0.75 0.00
WARRENSBURG____ 23737	26.61 0.98 0.00	25.40 0.92 0.00	28.54 0.97 0.00	27.93 0.94 0.00	29.99 1.07 0.00	35.44 1.33 0.00	38.96 1.60 0.00	38.69 1.66 0.00	35.64 1.35 0.00	36.07 1.01 0.00	37.61 1.15 0.00	34.53 1.05 0.00	30.20 0.64 0.00	27.21 0.64 0.00	25.61 0.54 0.00	25.83 0.62 0.00	28.13 0.87 0.00	38.20 1.53 0.00	39.90 1.72 0.00	45.10 1.79 0.00	40.55 1.66 0.00	40.29 1.52 0.00	39.23 1.36 0.00	35.08 1.16 0.00
WATERSIDE____6 8 9 23538	26.77 1.13 -0.01	25.52 1.04 0.00	28.64 1.06 0.00	28.06 1.07 0.00	29.99 1.07 0.00	35.46 1.34 0.00	38.84 1.48 0.00	38.54 1.51 0.00	35.64 1.35 0.00	36.58 1.51 0.00	37.92 1.46 0.00	34.92 1.44 0.00	30.94 1.37 0.00	28.03 1.45 0.00	26.58 1.51 0.00	26.75 1.55 0.00	28.75 1.49 0.00	38.56 1.88 0.00	40.17 1.99 0.00	45.26 1.95 0.00	40.62 1.72 0.00	40.38 1.61 0.00	39.31 1.44 0.00	35.14 1.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.58 -0.05 0.00	24.45 -0.02 0.00	27.52 -0.06 0.00	26.94 -0.05 0.00	28.86 -0.05 0.00	34.11 -0.01 0.00	37.48 0.12 0.00	37.16 0.13 0.00	34.18 -0.11 0.00	34.73 -0.34 0.00	36.10 -0.36 0.00	33.14 -0.34 0.00	29.13 -0.43 0.00	26.32 -0.25 0.00	24.79 -0.28 0.00	24.92 -0.28 0.00	27.10 -0.16 0.00	36.75 0.07 0.00	38.44 0.25 0.00	43.54 0.23 0.00	39.07 0.17 0.00	38.81 0.04 0.00	37.83 -0.03 0.00	33.86 -0.06 0.00
WATSON__69_KV_BK 1 55734	26.97 1.34 0.00	25.72 1.25 0.00	28.76 1.18 0.00	28.07 1.08 0.00	28.15 0.88 1.64	22.47 1.12 12.76	37.41 1.32 1.28	16.35 1.42 22.10	15.92 1.21 19.57	18.26 1.30 18.11	28.26 1.25 9.44	34.50 1.23 0.21	30.93 1.38 0.01	27.96 1.38 0.00	26.65 1.59 0.00	26.74 1.54 0.00	28.52 1.47 0.21	33.17 1.81 5.31	29.22 2.09 11.04	27.85 2.12 17.58	32.60 1.80 8.10	38.43 1.43 1.78	39.05 1.19 0.00	34.73 0.82 0.01
WDELAWARE__HYD 323627	26.63 1.00 0.00	25.41 0.93 0.00	28.59 1.01 0.00	27.99 1.00 0.00	29.96 1.05 0.00	35.43 1.31 0.00	38.91 1.55 0.00	38.64 1.60 0.00	35.63 1.33 0.00	36.40 1.33 0.00	37.61 1.15 0.00	34.51 1.03 0.00	30.53 0.97 0.00	27.62 1.04 0.00	26.13 1.06 0.00	26.32 1.12 0.00	28.43 1.16 0.00	38.36 1.68 0.00	40.16 1.97 0.00	45.35 2.04 0.00	40.67 1.78 0.00	40.42 1.65 0.00	39.30 1.43 0.00	35.10 1.18 0.00



WEST BABYLON___IC 23714	26.92 1.29 0.00	25.69 1.21 0.00	28.73 1.15 0.00	28.04 1.05 0.00	28.23 0.83 1.51	23.45 1.02 11.68	37.42 1.21 1.16	18.00 1.25 20.28	17.41 1.07 17.96	19.62 1.16 16.62	28.91 1.12 8.66	34.42 1.13 0.20	30.84 1.29 0.01	27.87 1.29 0.00	26.55 1.48 0.00	26.65 1.45 0.00	28.41 1.35 0.19	33.38 1.59 4.89	29.67 1.84 10.36	28.64 1.82 16.49	32.89 1.58 7.58	38.46 1.32 1.63	38.98 1.11 0.00	34.66 0.75 0.01
WEST CANADA___HYD 24049	25.63 0.00 0.00	24.49 0.01 0.00	27.59 0.01 0.00	27.00 0.01 0.00	28.92 0.01 0.00	34.15 0.03 0.00	37.42 0.06 0.00	37.09 0.05 0.00	34.31 0.02 0.00	35.05 -0.02 0.00	36.42 -0.04 0.00	33.45 -0.03 0.00	29.53 -0.04 0.00	26.57 -0.01 0.00	25.08 0.01 0.00	25.21 0.01 0.00	27.29 0.03 0.00	36.71 0.03 0.00	38.26 0.07 0.00	43.34 0.03 0.00	38.93 0.04 0.00	38.78 0.00 0.00	37.87 0.00 0.00	33.92 0.00 0.00
WESTERN_NY_WIND 24143	25.19 -0.44 0.00	24.07 -0.41 0.00	27.24 -0.34 0.00	26.59 -0.40 0.00	28.54 -0.37 0.00	33.82 -0.30 0.00	36.78 -0.58 0.00	36.30 -0.36 0.37	34.05 -0.25 0.00	35.55 0.48 0.00	36.82 0.36 0.00	33.67 0.19 0.00	29.96 0.40 0.00	27.11 0.54 0.00	25.55 0.48 0.00	25.58 0.38 0.00	27.58 0.32 0.00	36.54 -0.14 0.00	38.31 0.13 0.00	43.70 0.39 0.00	39.17 0.27 0.00	39.09 0.31 0.00	38.01 0.15 0.00	34.27 0.34 0.00
WESTOVER___LESR 323668	25.61 -0.02 0.00	24.49 0.02 0.00	27.77 0.19 0.00	27.11 0.12 0.00	29.03 0.12 0.00	34.26 0.15 0.00	37.48 0.12 0.00	37.38 0.26 -0.08	34.53 0.24 0.00	35.60 0.54 0.00	36.75 0.29 0.00	33.60 0.11 0.00	29.79 0.23 0.00	26.88 0.31 0.00	25.39 0.32 0.00	25.54 0.34 0.00	27.60 0.34 0.00	37.09 0.41 0.00	38.75 0.57 0.00	43.84 0.53 0.00	39.38 0.48 0.00	39.17 0.39 0.00	38.20 0.34 0.00	34.17 0.25 0.00
WETHRSFD_WT_PWR 323626	24.53 -1.10 0.00	23.51 -0.97 0.00	26.79 -0.79 0.00	26.11 -0.89 0.00	27.90 -1.01 0.00	32.96 -1.16 0.00	35.55 -1.81 0.00	32.37 -1.57 3.09	33.22 -1.07 0.00	34.92 -0.15 0.00	36.20 -0.26 0.00	32.96 -0.52 0.00	29.30 -0.26 0.00	26.61 0.04 0.00	25.12 0.05 0.00	25.08 -0.12 0.00	27.04 -0.21 0.00	36.04 -0.64 0.00	37.74 -0.45 0.00	42.77 -0.54 0.00	38.38 -0.51 0.00	38.27 -0.50 0.00	37.32 -0.54 0.00	33.70 -0.22 0.00
WHAVSTOR_138KV_BK127 55557	26.22 0.59 0.00	25.00 0.53 0.00	28.12 0.54 0.00	27.55 0.56 0.00	29.49 0.57 0.00	34.87 0.75 0.00	38.23 0.87 0.00	37.87 0.83 0.00	34.93 0.64 0.00	35.80 0.73 0.00	37.03 0.57 0.00	34.05 0.56 0.00	30.19 0.63 0.00	27.33 0.75 0.00	25.90 0.84 0.00	26.06 0.86 0.00	28.03 0.77 0.00	37.67 1.00 0.00	39.33 1.15 0.00	44.33 1.02 0.00	39.79 0.90 0.00	39.58 0.81 0.00	38.49 0.63 0.00	34.42 0.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.22 0.59 0.00	25.00 0.53 0.00	28.12 0.54 0.00	27.55 0.56 0.00	29.49 0.57 0.00	34.87 0.75 0.00	38.23 0.87 0.00	37.87 0.83 0.00	34.93 0.64 0.00	35.80 0.73 0.00	37.03 0.57 0.00	34.05 0.56 0.00	30.19 0.63 0.00	27.33 0.75 0.00	25.90 0.84 0.00	26.06 0.86 0.00	28.03 0.77 0.00	37.67 1.00 0.00	39.33 1.15 0.00	44.33 1.02 0.00	39.79 0.90 0.00	39.58 0.81 0.00	38.49 0.63 0.00	34.42 0.50 0.00
WHITEHAL_115KV_TB1 80871	27.95 2.32 0.00	26.65 2.18 0.00	29.87 2.30 0.00	29.18 2.20 0.00	31.43 2.52 0.00	37.28 3.16 0.00	40.90 3.54 0.00	40.72 3.69 0.00	37.48 3.19 0.00	37.79 2.72 0.00	39.30 2.85 0.00	36.25 2.77 0.00	31.53 1.97 0.00	28.42 1.84 0.00	26.64 1.57 0.00	27.01 1.80 0.00	29.49 2.23 0.00	40.01 3.33 0.00	41.77 3.59 0.00	47.32 4.01 0.00	42.71 3.82 0.00	42.42 3.65 0.00	41.27 3.40 0.00	36.85 2.93 0.00
WHITEPLN_13_KV_LOAD 356215	26.70 1.07 0.00	25.47 0.99 0.00	28.60 1.02 0.00	28.00 1.01 0.00	29.95 1.04 0.00	35.43 1.31 0.00	38.87 1.51 0.00	38.62 1.58 0.00	35.68 1.39 0.00	36.57 1.50 0.00	37.89 1.43 0.00	34.84 1.36 0.00	30.86 1.30 0.00	27.94 1.36 0.00	26.49 1.42 0.00	26.68 1.47 0.00	28.72 1.46 0.00	38.57 1.90 0.00	40.22 2.03 0.00	45.30 1.99 0.00	40.63 1.73 0.00	40.38 1.61 0.00	39.27 1.40 0.00	35.07 1.15 0.00
WM_FLOYD_69_KV_BK2 356380	26.74 1.11 0.00	25.52 1.05 0.00	28.48 0.91 0.00	27.81 0.82 0.00	27.83 0.62 1.71	21.66 0.84 13.29	37.00 0.98 1.33	15.17 1.12 22.98	14.86 0.92 20.35	17.19 0.95 18.84	27.48 0.84 9.82	34.15 0.89 0.22	30.63 1.08 0.01	27.70 1.13 0.00	26.43 1.37 0.00	26.52 1.32 0.00	28.32 1.28 0.22	32.74 1.58 5.52	28.72 1.92 11.38	27.11 1.92 18.12	32.11 1.57 8.35	38.12 1.19 1.85	38.81 0.95 0.00	34.55 0.63 0.01
WOODARD___115KV_TB2 355635	25.23 -0.40 0.00	24.09 -0.39 0.00	27.18 -0.40 0.00	26.59 -0.40 0.00	28.50 -0.42 0.00	33.67 -0.44 0.00	36.94 -0.42 0.00	36.70 -0.34 0.00	34.00 -0.29 0.00	34.86 -0.21 0.00	36.16 -0.30 0.00	33.15 -0.34 0.00	29.29 -0.28 0.00	26.37 -0.20 0.00	24.91 -0.16 0.00	25.06 -0.14 0.00	27.09 -0.17 0.00	36.42 -0.26 0.00	38.00 -0.18 0.00	43.04 -0.26 0.00	38.63 -0.27 0.00	38.46 -0.31 0.00	37.47 -0.39 0.00	33.56 -0.36 0.00
YORK___WARBASSE 23770	26.76 1.12 -0.01	25.49 1.01 0.00	28.61 1.03 0.00	28.03 1.04 0.00	29.96 1.04 0.00	35.42 1.30 0.00	38.80 1.44 0.00	38.48 1.45 0.00	35.60 1.31 0.00	36.54 1.47 0.00	37.88 1.42 0.00	34.92 1.44 0.00	30.90 1.33 0.00	27.99 1.41 0.00	26.55 1.48 0.00	26.71 1.51 0.00	28.72 1.47 0.00	38.52 1.84 0.00	40.13 1.95 0.00	45.23 1.92 0.00	40.63 1.74 0.00	40.48 1.70 0.00	39.33 1.46 0.00	35.15 1.24 0.00