

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

08/31/2024

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	22.44	22.25	20.76	21.16	22.45	22.92	21.77	22.47	24.04	27.99	27.65	30.67	28.54	30.76	28.17	38.38	36.47	39.37	40.80	39.33	30.57	28.94	27.64	27.00
24138	1.01	1.02	0.89	0.85	0.83	0.78	0.79	0.91	1.04	1.28	1.26	1.59	1.55	1.75	1.61	2.16	2.10	2.20	2.15	2.12	1.60	1.57	1.52	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.07	-0.36	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.51	22.33	20.83	21.23	22.52	23.00	21.84	22.56	24.12	28.07	27.74	30.76	28.62	30.85	28.26	38.50	36.59	39.49	40.94	39.47	30.66	29.01	27.70	27.07
24260	1.08	1.10	0.97	0.92	0.89	0.85	0.86	1.00	1.13	1.36	1.35	1.68	1.63	1.85	1.70	2.28	2.21	2.32	2.30	2.27	1.69	1.64	1.58	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.07	-0.36	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.51	22.33	20.83	21.23	22.52	23.00	21.84	22.56	24.12	28.07	27.74	30.76	28.62	30.85	28.26	38.50	36.59	39.49	40.94	39.47	30.66	29.01	27.70	27.07
24261	1.08	1.10	0.97	0.92	0.89	0.85	0.86	1.00	1.13	1.36	1.35	1.68	1.63	1.85	1.70	2.28	2.21	2.32	2.30	2.27	1.69	1.64	1.58	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.07	-0.36	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.23	23.02	21.40	21.86	23.25	23.81	22.58	23.24	24.78	28.59	27.87	30.84	28.51	30.81	27.55	38.20	37.09	40.20	42.30	40.83	31.62	29.91	28.43	27.71
24011	1.80	1.79	1.54	1.55	1.62	1.66	1.60	1.69	1.79	1.88	1.48	1.76	1.74	1.94	1.71	2.47	2.71	3.03	3.65	3.62	2.65	2.54	2.31	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.37	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.45	23.22	21.54	21.99	23.39	23.96	22.76	23.43	24.99	28.78	28.00	31.01	28.69	31.03	27.74	38.52	37.38	40.51	42.77	41.31	31.92	30.21	28.71	27.99
23798	2.02	1.98	1.68	1.68	1.76	1.82	1.78	1.88	1.99	2.07	1.61	1.93	1.92	2.16	1.90	2.78	3.01	3.34	4.12	4.10	2.94	2.84	2.59	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.37	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.23	23.02	21.40	21.86	23.25	23.81	22.58	23.24	24.78	28.59	27.87	30.84	28.51	30.81	27.55	38.20	37.09	40.20	42.30	40.83	31.62	29.91	28.43	27.71
24028	1.80	1.79	1.54	1.55	1.62	1.66	1.60	1.69	1.79	1.88	1.48	1.76	1.74	1.94	1.71	2.47	2.71	3.03	3.65	3.62	2.65	2.54	2.31	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.37	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.34	22.33	20.82	21.31	22.65	23.10	21.88	22.48	23.82	27.48	26.84	29.62	27.21	29.53	25.94	36.36	35.44	38.36	39.96	38.53	29.87	28.30	26.95	26.35
23527	0.91	1.09	0.96	1.00	1.02	0.95	0.90	0.92	0.83	0.77	0.44	0.54	0.54	0.73	0.48	0.89	1.06	1.19	1.32	1.32	0.89	0.92	0.83	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.14	0.75	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.52	21.40	20.02	20.48	21.74	22.21	21.06	21.66	23.03	26.60	26.18	28.95	26.71	28.88	25.85	35.73	34.49	37.34	38.82	37.42	29.04	27.47	26.18	25.58
24190	0.09	0.17	0.16	0.16	0.11	0.07	0.08	0.10	0.03	-0.11	-0.21	-0.13	-0.08	-0.01	-0.07	-0.06	0.12	0.16	0.18	0.20	0.06	0.10	0.06	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.06	0.29	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.37	21.12	19.79	20.24	21.55	22.18	21.02	21.61	23.08	26.91	26.65	29.24	26.94	28.84	26.08	35.84	34.11	36.80	38.50	37.06	28.94	27.38	26.16	25.61
355683	-0.06	-0.11	-0.07	-0.07	-0.07	0.03	0.04	0.05	0.09	0.20	0.26	0.16	0.06	-0.10	-0.13	-0.15	-0.26	-0.37	-0.15	-0.15	-0.04	0.01	0.04	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_1_SOLAR	22.01	21.88	20.45	20.96	22.27	22.75	21.55	22.08	23.44	27.09	26.65	29.46	27.17	29.34	26.39	36.28	35.20	38.20	39.74	38.28	29.74	28.11	26.80	26.18
323833	0.58	0.65	0.59	0.64	0.64	0.61	0.57	0.52	0.44	0.38	0.26	0.38	0.34	0.44	0.37	0.42	0.82	1.03	1.09	1.07	0.76	0.73	0.68	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.19	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	22.00	21.88	20.45	20.95	22.26	22.75	21.55	22.07	23.43	27.08	26.64	29.46	27.16	29.33	26.38	36.27	35.19	38.20	39.73	38.28	29.73	28.10	26.79	26.17
323834	0.57	0.64	0.59	0.64	0.63	0.60	0.56	0.51	0.43	0.38	0.25	0.37	0.34	0.42	0.36	0.42	0.81	1.02	1.09	1.07	0.75	0.73	0.67	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04	0.19	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	21.52	21.40	20.02	20.48	21.74	22.21	21.06	21.66	23.03	26.60	26.18	28.95	26.71	28.88	25.85	35.73	34.49	37.34	38.82	37.42	29.04	27.47	26.18	25.58
23571	0.09	0.17	0.16	0.16	0.11	0.07	0.08	0.10	0.03	-0.11	-0.21	-0.13	-0.08	-0.01	-0.07	-0.06	0.12	0.16	0.18	0.20	0.06	0.10	0.06	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.29	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	21.52 0.09 0.00	21.40 0.17 0.00	20.02 0.16 0.00	20.48 0.16 0.00	21.74 0.11 0.00	22.21 0.07 0.00	21.06 0.08 0.00	21.66 0.10 0.00	23.03 0.03 0.00	26.60 -0.11 0.00	26.18 -0.21 0.00	28.95 -0.13 0.00	26.71 -0.08 0.08	28.88 -0.01 0.06	25.85 -0.07 0.29	35.73 -0.06 0.20	34.49 0.12 0.00	37.34 0.16 0.00	38.82 0.18 0.00	37.42 0.20 0.00	29.04 0.06 0.00	27.47 0.10 0.00	26.18 0.06 0.00	25.58 0.05 0.00
ALBANY___3 23573	21.52 0.09 0.00	21.40 0.17 0.00	20.02 0.16 0.00	20.48 0.16 0.00	21.74 0.11 0.00	22.21 0.07 0.00	21.06 0.08 0.00	21.66 0.10 0.00	23.03 0.03 0.00	26.60 -0.11 0.00	26.18 -0.21 0.00	28.95 -0.13 0.00	26.71 -0.08 0.08	28.88 -0.01 0.06	25.85 -0.07 0.29	35.73 -0.06 0.20	34.49 0.12 0.00	37.34 0.16 0.00	38.82 0.18 0.00	37.42 0.20 0.00	29.04 0.06 0.00	27.47 0.10 0.00	26.18 0.06 0.00	25.58 0.05 0.00
ALBANY___4 23574	21.52 0.09 0.00	21.40 0.17 0.00	20.02 0.16 0.00	20.48 0.16 0.00	21.74 0.11 0.00	22.21 0.07 0.00	21.06 0.08 0.00	21.66 0.10 0.00	23.03 0.03 0.00	26.60 -0.11 0.00	26.18 -0.21 0.00	28.95 -0.13 0.00	26.71 -0.08 0.08	28.88 -0.01 0.06	25.85 -0.07 0.29	35.73 -0.06 0.20	34.49 0.12 0.00	37.34 0.16 0.00	38.82 0.18 0.00	37.42 0.20 0.00	29.04 0.06 0.00	27.47 0.10 0.00	26.18 0.06 0.00	25.58 0.05 0.00
ALBANY___LFGE 323615	21.76 0.33 0.00	21.63 0.40 0.00	20.22 0.36 0.00	20.69 0.38 0.00	21.97 0.34 0.00	22.44 0.30 0.00	21.28 0.30 0.00	21.88 0.32 0.00	23.27 0.27 0.00	26.91 0.20 0.00	26.48 0.09 0.00	29.29 0.21 0.00	27.04 0.25 0.09	29.23 0.35 0.06	26.14 0.25 0.31	36.17 0.40 0.21	34.93 0.55 0.00	37.80 0.63 0.00	39.30 0.66 0.00	37.87 0.66 0.00	29.40 0.42 0.00	27.80 0.43 0.00	26.49 0.36 0.00	25.86 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	21.40 -0.03 0.00	21.16 -0.07 0.00	19.83 -0.03 0.00	20.30 -0.02 0.00	21.62 -0.01 0.00	22.26 0.12 0.00	21.10 0.12 0.00	21.69 0.13 0.00	23.17 0.17 0.00	27.01 0.30 0.00	26.76 0.37 0.00	29.37 0.29 0.00	27.07 0.19 0.00	28.99 0.05 0.00	26.21 0.00 0.00	36.00 0.01 0.00	34.28 -0.10 0.00	36.95 -0.22 0.00	38.67 0.03 0.00	37.24 0.03 0.00	29.08 0.11 0.00	27.52 0.14 0.00	26.29 0.17 0.00	25.71 0.18 0.00
ALCOA_RYNLDS___DRP 24188	21.40 -0.03 0.00	21.16 -0.07 0.00	19.83 -0.03 0.00	20.30 -0.02 0.00	21.62 -0.01 0.00	22.26 0.12 0.00	21.10 0.12 0.00	21.69 0.13 0.00	23.17 0.17 0.00	27.01 0.30 0.00	26.76 0.37 0.00	29.37 0.29 0.00	27.07 0.19 0.00	28.99 0.05 0.00	26.21 0.00 0.00	36.00 0.01 0.00	34.28 -0.10 0.00	36.95 -0.22 0.00	38.67 0.03 0.00	37.24 0.03 0.00	29.08 0.11 0.00	27.52 0.14 0.00	26.29 0.17 0.00	25.71 0.18 0.00
ALCOA___DSASP 323711	21.40 -0.03 0.00	21.16 -0.07 0.00	19.83 -0.03 0.00	20.30 -0.02 0.00	21.62 -0.01 0.00	22.26 0.12 0.00	21.10 0.12 0.00	21.69 0.13 0.00	23.17 0.17 0.00	27.01 0.30 0.00	26.76 0.37 0.00	29.37 0.29 0.00	27.07 0.19 0.00	28.99 0.05 0.00	26.21 0.00 0.00	36.00 0.01 0.00	34.28 -0.09 0.00	36.95 -0.22 0.00	38.67 0.03 0.00	37.24 0.03 0.00	29.08 0.11 0.00	27.52 0.14 0.00	26.29 0.17 0.00	25.71 0.18 0.00
ALLEGHENY___COGEN 23514	21.70 0.27 0.00	21.38 0.15 0.00	20.14 0.28 0.00	20.49 0.17 0.00	21.94 0.31 0.00	22.45 0.30 0.00	21.34 0.36 0.00	21.83 0.28 0.00	23.49 0.49 0.00	27.61 0.90 0.00	27.46 1.07 0.00	30.02 0.94 0.00	27.75 0.86 0.00	30.16 1.22 0.00	27.61 1.40 0.00	37.55 1.57 0.00	35.47 1.09 0.00	38.87 1.69 0.00	39.62 0.98 0.00	38.71 1.50 0.00	30.59 1.61 0.00	28.66 1.28 0.00	27.03 0.91 0.00	26.08 0.55 0.00
ALTAMONT_115KV_TB 2 55880	21.78 0.34 0.00	21.63 0.40 0.00	20.21 0.35 0.00	20.69 0.38 0.00	22.00 0.37 0.00	22.47 0.33 0.00	21.28 0.29 0.00	21.87 0.31 0.00	23.28 0.28 0.00	26.96 0.25 0.00	26.55 0.16 0.00	29.36 0.28 0.00	27.14 0.31 0.06	29.31 0.41 0.04	26.35 0.33 0.19	36.30 0.45 0.13	34.96 0.58 0.00	37.83 0.66 0.00	39.33 0.68 0.00	37.90 0.69 0.00	29.44 0.46 0.00	27.84 0.47 0.00	26.53 0.42 0.00	25.92 0.39 0.00
ALTONA_WT_PWR 323606	20.95 -0.49 0.00	20.66 -0.57 0.00	19.23 -0.63 0.00	19.69 -0.62 0.00	21.07 -0.56 0.00	21.98 -0.16 0.00	20.76 -0.22 0.00	21.54 -0.02 0.00	22.95 -0.05 0.00	26.66 -0.05 0.00	26.64 0.25 0.00	29.31 0.23 0.00	27.06 0.18 0.00	28.84 -0.10 0.00	26.05 -0.16 0.00	35.90 -0.08 0.00	34.21 -0.16 0.00	36.84 -0.34 0.00	38.83 0.19 0.00	37.36 0.15 0.00	29.10 0.13 0.00	27.67 0.30 0.00	26.38 0.26 0.00	25.77 0.23 0.00
AMERICAN_REF_FUEL 24010	20.23 -1.20 0.00	19.95 -1.28 0.00	18.97 -0.90 0.00	19.25 -1.06 0.00	20.67 -0.95 0.00	21.10 -1.04 0.00	20.00 -0.98 0.00	20.37 -1.18 0.00	22.10 -0.90 0.00	26.09 -0.62 0.00	25.90 -0.49 0.00	28.56 -0.52 0.00	26.50 -0.38 0.00	29.05 0.11 0.00	26.56 0.35 0.00	36.01 0.03 0.00	33.91 -0.47 0.00	36.94 -0.23 0.00	37.42 -1.22 0.00	35.58 -1.63 0.00	27.97 -1.01 0.00	26.16 -1.22 0.00	24.77 -1.35 0.00	23.92 -1.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.22 -1.22 0.00	19.94 -1.29 0.00	19.18 -0.68 0.00	19.65 -0.66 0.00	20.77 -0.86 0.00	20.97 -1.18 0.00	19.84 -1.15 0.00	20.53 -1.03 0.00	22.89 -0.11 0.00	27.07 0.36 0.00	26.70 0.30 0.00	29.42 0.34 0.00	27.17 0.29 0.00	29.68 0.73 0.00	27.15 0.94 0.00	37.00 1.01 0.00	35.00 0.63 0.00	38.05 0.88 0.00	38.94 0.29 0.00	37.18 -0.03 0.00	29.03 0.06 0.00	27.28 -0.09 0.00	25.81 -0.31 0.00	24.94 -0.60 0.00
ARTHUR KILL_GT_1 23520	44.01 0.96 -21.61	38.14 0.97 -15.94	37.89 0.90 -17.13	31.41 0.83 -10.27	23.62 0.78 -1.21	22.91 0.75 -0.02	36.52 0.75 -14.78	37.90 0.86 -15.48	37.96 0.93 -14.03	38.42 1.12 -10.59	38.75 1.11 -11.25	39.06 1.43 -8.55	38.41 1.40 -10.13	38.30 1.61 -7.75	38.71 1.47 -11.03	39.54 1.94 -1.61	38.84 1.92 -2.55	39.16 1.99 0.00	40.62 1.98 0.00	39.25 2.03 -0.01	38.79 1.50 -8.31	39.01 1.46 -10.18	55.31 1.45 -27.74	71.33 1.42 -44.37
ARTHUR_KILL_2 23512	43.94 0.90 -21.61	38.08 0.91 -15.94	37.83 0.84 -17.13	31.35 0.78 -10.27	23.56 0.72 -1.21	22.84 0.68 -0.02	36.46 0.69 -14.78	37.83 0.79 -15.48	37.89 0.86 -14.03	38.33 1.03 -10.59	38.67 1.02 -11.25	38.96 1.33 -8.55	38.32 1.31 -10.13	38.20 1.51 -7.75	38.61 1.37 -11.03	39.41 1.81 -1.61	38.70 1.78 -2.55	39.02 1.85 0.00	40.48 1.84 0.00	39.10 1.89 -0.01	38.67 1.39 -8.31	38.92 1.37 -10.18	55.22 1.36 -27.74	71.24 1.34 -44.37
ARTHUR_KILL_3 23513	22.24 0.82 0.00	22.07 0.84 0.00	20.58 0.72 0.00	20.98 0.67 0.00	22.26 0.63 0.00	22.73 0.59 0.00	21.57 0.58 0.00	22.26 0.71 0.00	23.81 0.82 0.00	27.70 0.99 0.00	27.35 0.96 0.00	30.33 1.25 0.00	28.21 1.22 -0.10	30.41 1.40 -0.07	27.86 1.29 -0.36	37.95 1.73 -0.24	36.06 1.68 0.00	38.93 1.76 0.00	40.36 1.72 0.00	38.91 1.69 -0.01	38.35 1.23 -8.14	38.78 1.24 -10.17	55.07 1.22 -27.74	71.09 1.20 -44.36



ARTHUR_KILL_COGEN 323718	44.01 0.96 -21.61	38.14 0.97 -15.94	37.89 0.90 -17.13	31.41 0.83 -10.27	23.62 0.78 -1.21	22.91 0.75 -0.02	36.52 0.75 -14.78	37.90 0.86 -15.48	37.96 0.93 -14.03	38.42 1.12 -10.59	38.75 1.11 -11.25	39.06 1.43 -8.55	38.41 1.40 -10.13	38.30 1.61 -7.75	38.71 1.47 -11.03	39.54 1.94 -1.61	38.84 1.92 -2.55	39.16 1.99 0.00	40.62 1.98 0.00	39.25 2.03 -0.01	38.79 1.50 -8.31	39.01 1.46 -10.18	55.31 1.45 -27.74	71.33 1.42 -44.37
ASHOKAN____ 23654	22.17 0.74 0.00	21.97 0.74 0.00	20.49 0.63 0.00	20.96 0.65 0.00	22.28 0.65 0.00	22.76 0.62 0.00	21.58 0.60 0.00	22.21 0.66 0.00	23.67 0.68 0.00	27.44 0.73 0.00	26.97 0.58 0.00	29.87 0.79 0.00	27.65 0.77 0.00	29.95 1.01 0.00	27.20 0.99 0.00	37.24 1.26 0.00	35.95 1.57 0.00	38.98 1.81 0.00	40.58 1.93 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.59 1.22 0.00	27.18 1.06 0.00	26.47 0.94 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.39 0.95 -0.01	22.19 0.96 -0.01	20.68 0.81 -0.01	21.14 0.83 0.00	22.32 0.69 0.00	22.88 0.74 0.00	21.72 0.74 0.00	22.46 0.91 0.00	23.98 0.98 0.00	27.85 1.14 0.00	27.54 1.15 0.00	30.52 1.44 0.00	28.41 1.42 -0.10	30.60 1.59 -0.07	28.05 1.49 -0.36	38.18 1.95 -0.24	36.27 1.89 0.00	39.14 1.97 0.00	40.64 2.00 0.00	39.19 1.98 0.00	30.40 1.43 0.00	28.80 1.43 0.00	27.54 1.42 0.00	26.90 1.36 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.39 0.95 -0.01	22.19 0.96 -0.01	20.68 0.81 -0.01	21.14 0.83 0.00	22.32 0.69 0.00	22.88 0.74 0.00	21.72 0.74 0.00	22.46 0.91 0.00	23.97 0.98 0.00	27.85 1.14 0.00	27.54 1.15 0.00	30.52 1.44 0.00	28.41 1.42 -0.10	30.60 1.59 -0.07	28.05 1.49 -0.36	38.18 1.95 -0.24	36.27 1.89 0.00	39.14 1.97 0.00	40.64 2.00 0.00	39.19 1.98 0.00	30.40 1.43 0.00	28.80 1.43 0.00	27.54 1.42 0.00	26.90 1.36 0.00
ASTORIA_GT2_1 24094	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT2_2 24095	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT2_3 24096	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT2_4 24097	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT3_1 24098	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT3_2 24099	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT3_3 24100	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT3_4 24101	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT4_1 24102	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT4_2 24103	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT4_3 24104	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00



ASTORIA_GT4_4 24105	22.39 0.96 -0.01	22.21 0.97 -0.01	20.69 0.82 -0.01	21.15 0.83 0.00	22.33 0.71 0.00	22.90 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.99 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.62 1.61 -0.07	28.06 1.50 -0.36	38.20 1.98 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.66 2.02 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.91 1.38 0.00
ASTORIA_GT_1 23523	22.44 1.00 -0.01	22.24 1.00 -0.01	20.73 0.86 -0.01	21.18 0.87 0.00	22.37 0.75 0.00	22.93 0.79 0.00	21.77 0.78 0.00	22.51 0.95 0.00	24.02 1.03 0.00	27.92 1.21 0.00	27.61 1.22 0.00	30.60 1.52 0.00	28.49 1.50 -0.10	30.68 1.68 -0.07	28.13 1.57 -0.36	38.28 2.06 -0.24	36.37 2.00 0.00	39.25 2.08 0.00	40.74 2.10 0.00	39.29 2.08 0.00	30.48 1.51 0.00	28.88 1.51 0.00	27.61 1.49 0.00	26.96 1.43 0.00
ASTORIA_GT_10 24110	22.40 0.97 -0.01	22.22 0.99 -0.01	20.73 0.86 -0.01	21.14 0.82 0.00	22.38 0.76 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.17 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.07 1.50 -0.36	38.21 1.98 -0.24	36.32 1.94 0.00	39.16 1.99 0.00	40.61 1.97 0.00	39.18 1.98 0.00	30.44 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
ASTORIA_GT_11 24225	22.40 0.97 -0.01	22.22 0.99 -0.01	20.73 0.86 -0.01	21.14 0.82 0.00	22.38 0.76 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.17 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.07 1.50 -0.36	38.21 1.98 -0.24	36.32 1.94 0.00	39.16 1.99 0.00	40.61 1.97 0.00	39.18 1.98 0.00	30.44 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
ASTORIA_GT_12 24226	22.40 0.97 -0.01	22.22 0.99 -0.01	20.73 0.86 -0.01	21.14 0.82 0.00	22.38 0.76 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.17 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.07 1.50 -0.36	38.21 1.98 -0.24	36.32 1.94 0.00	39.16 1.99 0.00	40.61 1.97 0.00	39.18 1.98 0.00	30.44 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
ASTORIA_GT_13 24227	22.40 0.97 -0.01	22.22 0.99 -0.01	20.73 0.86 -0.01	21.14 0.82 0.00	22.38 0.76 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.17 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.07 1.50 -0.36	38.21 1.98 -0.24	36.32 1.94 0.00	39.16 1.99 0.00	40.61 1.97 0.00	39.18 1.98 0.00	30.44 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
ASTORIA_GT_5 24106	22.43 1.00 -0.01	22.24 1.00 -0.01	20.72 0.86 -0.01	21.19 0.87 0.00	22.37 0.75 0.00	22.93 0.79 0.00	21.77 0.78 0.00	22.51 0.95 0.00	24.02 1.03 0.00	27.92 1.21 0.00	27.61 1.22 0.00	30.60 1.53 0.00	28.49 1.50 -0.10	30.69 1.68 -0.07	28.13 1.57 -0.36	38.28 2.06 -0.24	36.38 2.00 0.00	39.25 2.08 0.00	40.74 2.10 0.00	39.29 2.08 0.00	30.48 1.51 0.00	28.88 1.51 0.00	27.61 1.49 0.00	26.97 1.43 0.00
ASTORIA_GT_7 24107	22.43 1.00 -0.01	22.24 1.00 -0.01	20.72 0.86 -0.01	21.19 0.87 0.00	22.37 0.75 0.00	22.93 0.79 0.00	21.77 0.78 0.00	22.51 0.95 0.00	24.02 1.03 0.00	27.92 1.21 0.00	27.61 1.22 0.00	30.60 1.53 0.00	28.49 1.50 -0.10	30.69 1.68 -0.07	28.13 1.57 -0.36	38.28 2.06 -0.24	36.38 2.00 0.00	39.25 2.08 0.00	40.74 2.10 0.00	39.29 2.08 0.00	30.48 1.51 0.00	28.88 1.51 0.00	27.61 1.49 0.00	26.97 1.43 0.00
ASTORIA_GT_8 24108	22.43 1.00 -0.01	22.24 1.00 -0.01	20.72 0.86 -0.01	21.19 0.87 0.00	22.37 0.75 0.00	22.93 0.79 0.00	21.77 0.78 0.00	22.51 0.95 0.00	24.02 1.03 0.00	27.92 1.21 0.00	27.61 1.22 0.00	30.60 1.53 0.00	28.49 1.50 -0.10	30.69 1.68 -0.07	28.13 1.57 -0.36	38.28 2.06 -0.24	36.38 2.00 0.00	39.25 2.08 0.00	40.74 2.10 0.00	39.29 2.08 0.00	30.48 1.51 0.00	28.88 1.51 0.00	27.61 1.49 0.00	26.97 1.43 0.00
ASTORIA___2 24149	22.39 0.96 -0.01	22.21 0.97 -0.01	20.68 0.82 -0.01	21.14 0.83 0.00	22.33 0.71 0.00	22.89 0.75 0.00	21.73 0.75 0.00	22.47 0.91 0.00	23.98 0.98 0.00	27.86 1.16 0.00	27.56 1.16 0.00	30.54 1.46 0.00	28.43 1.45 -0.10	30.61 1.60 -0.07	28.06 1.50 -0.36	38.20 1.97 -0.24	36.29 1.92 0.00	39.17 2.00 0.00	40.66 2.01 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.82 1.45 0.00	27.55 1.44 0.00	26.91 1.38 0.00
ASTORIA___3 23516	22.40 0.97 -0.01	22.22 0.98 -0.01	20.73 0.86 -0.01	21.13 0.82 0.00	22.38 0.75 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.16 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.06 1.50 -0.36	38.21 1.98 -0.24	36.31 1.94 0.00	39.16 1.98 0.00	40.61 1.97 0.00	39.18 1.97 0.00	30.43 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
ASTORIA___4 23517	22.40 0.97 -0.01	22.22 0.99 -0.01	20.73 0.86 -0.01	21.14 0.82 0.00	22.38 0.76 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.17 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.07 1.50 -0.36	38.21 1.98 -0.24	36.32 1.94 0.00	39.16 1.99 0.00	40.61 1.97 0.00	39.18 1.98 0.00	30.44 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
ASTORIA___5 23518	22.40 0.97 -0.01	22.22 0.98 -0.01	20.73 0.86 -0.01	21.13 0.82 0.00	22.38 0.75 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.55 1.16 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.06 1.50 -0.36	38.21 1.98 -0.24	36.31 1.94 0.00	39.15 1.98 0.00	40.61 1.97 0.00	39.18 1.97 0.00	30.43 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
AST_ENERGY_2_CC3 323677	22.29 0.86 0.00	22.11 0.88 0.00	20.63 0.77 0.00	21.03 0.72 0.00	22.30 0.67 0.00	22.77 0.63 0.00	21.62 0.64 0.00	22.32 0.77 0.00	23.86 0.86 0.00	27.76 1.06 0.00	27.43 1.04 0.00	30.43 1.35 0.00	28.30 1.31 -0.10	30.52 1.51 -0.07	27.94 1.38 -0.36	38.07 1.84 -0.24	36.17 1.79 0.00	39.04 1.87 0.00	40.49 1.84 0.00	39.03 1.83 0.00	30.32 1.34 0.00	28.70 1.33 0.00	27.42 1.30 0.00	26.80 1.26 0.00
AST_ENERGY_2_CC4 323678	22.29 0.86 0.00	22.11 0.88 0.00	20.63 0.77 0.00	21.03 0.72 0.00	22.30 0.67 0.00	22.77 0.63 0.00	21.62 0.64 0.00	22.32 0.77 0.00	23.86 0.86 0.00	27.76 1.06 0.00	27.43 1.04 0.00	30.43 1.35 0.00	28.30 1.31 -0.10	30.52 1.51 -0.07	27.94 1.38 -0.36	38.07 1.84 -0.24	36.17 1.79 0.00	39.04 1.87 0.00	40.49 1.84 0.00	39.03 1.83 0.00	30.32 1.34 0.00	28.70 1.33 0.00	27.42 1.30 0.00	26.80 1.26 0.00



ATHENS_STG_1 23668	21.86 0.43 0.00	21.71 0.48 0.00	20.27 0.41 0.00	20.76 0.45 0.00	22.06 0.43 0.00	22.52 0.38 0.00	21.31 0.32 0.00	21.91 0.36 0.00	23.36 0.37 0.00	27.09 0.38 0.00	26.72 0.33 0.00	29.55 0.47 0.00	27.42 0.49 -0.04	29.57 0.60 -0.03	26.87 0.52 -0.14	36.81 0.74 -0.09	35.16 0.78 0.00	38.02 0.85 0.00	39.50 0.86 0.00	38.07 0.86 0.00	29.56 0.59 0.00	27.97 0.60 0.00	26.68 0.55 0.00	26.07 0.54 0.00
ATHENS_STG_2 23670	21.86 0.43 0.00	21.71 0.48 0.00	20.27 0.41 0.00	20.76 0.45 0.00	22.06 0.43 0.00	22.52 0.38 0.00	21.31 0.32 0.00	21.91 0.36 0.00	23.36 0.37 0.00	27.09 0.38 0.00	26.72 0.33 0.00	29.55 0.47 0.00	27.42 0.49 -0.04	29.57 0.60 -0.03	26.87 0.52 -0.14	36.81 0.74 -0.09	35.16 0.78 0.00	38.02 0.85 0.00	39.50 0.86 0.00	38.07 0.86 0.00	29.56 0.59 0.00	27.97 0.60 0.00	26.68 0.55 0.00	26.07 0.54 0.00
ATHENS_STG_3 23677	21.86 0.43 0.00	21.71 0.48 0.00	20.27 0.41 0.00	20.76 0.45 0.00	22.06 0.43 0.00	22.52 0.38 0.00	21.31 0.32 0.00	21.91 0.36 0.00	23.36 0.37 0.00	27.09 0.38 0.00	26.72 0.33 0.00	29.55 0.47 0.00	27.42 0.49 -0.04	29.57 0.60 -0.03	26.87 0.52 -0.14	36.81 0.74 -0.09	35.16 0.78 0.00	38.02 0.85 0.00	39.50 0.86 0.00	38.07 0.86 0.00	29.56 0.59 0.00	27.97 0.60 0.00	26.68 0.55 0.00	26.07 0.54 0.00
AUBURN___LFGE 323710	21.49 0.06 0.00	21.29 0.05 0.00	19.95 0.09 0.00	20.28 -0.03 0.00	21.71 0.08 0.00	22.25 0.11 0.00	21.12 0.13 0.00	21.57 0.01 0.00	23.12 0.13 0.00	26.94 0.23 0.00	26.62 0.23 0.00	29.42 0.34 0.00	27.26 0.37 0.00	29.48 0.54 0.00	26.65 0.44 0.00	36.62 0.64 0.00	34.90 0.53 0.00	37.86 0.68 0.00	39.20 0.56 0.00	37.71 0.50 0.00	29.45 0.47 0.00	27.59 0.22 0.00	26.30 0.18 0.00	25.61 0.08 0.00
BABYLON_RES_REC 323704	22.83 1.30 -0.11	22.52 1.29 0.00	21.01 1.15 0.00	21.39 1.08 0.00	22.60 0.97 0.00	23.13 0.99 0.00	22.04 1.06 0.00	22.73 1.18 0.00	24.23 1.23 0.00	28.22 1.51 0.00	33.41 1.57 -5.45	32.21 1.75 -1.38	32.49 1.58 -4.03	33.10 1.73 -2.43	33.22 1.62 -5.39	38.28 2.01 -0.29	35.99 1.61 0.00	39.03 1.85 0.00	40.68 2.04 0.00	39.26 2.05 0.00	30.41 1.44 0.00	28.91 1.53 0.00	28.93 1.87 -0.94	28.78 1.83 -1.42
BABYLON__69_KV_BK2 356345	23.05 1.51 -0.11	22.73 1.49 0.00	21.20 1.34 0.00	21.58 1.27 0.00	22.79 1.16 0.00	23.33 1.19 0.00	22.24 1.26 0.00	22.94 1.38 0.00	24.46 1.47 0.00	28.53 1.82 0.00	33.74 1.90 -5.44	32.73 2.26 -1.38	33.06 2.16 -4.03	33.81 2.44 -2.43	33.88 2.28 -5.39	39.20 2.93 -0.29	36.95 2.58 0.00	40.08 2.91 0.00	41.67 3.02 0.00	40.15 2.94 0.00	31.08 2.11 0.00	29.46 2.08 0.00	29.27 2.21 -0.94	29.08 2.14 -1.42
BALL_HILL_WT_PWR 323825	20.51 -0.92 0.00	20.23 -1.00 0.00	19.26 -0.60 0.00	19.64 -0.67 0.00	20.98 -0.65 0.00	21.32 -0.82 0.00	20.22 -0.77 0.00	20.70 -0.86 0.00	22.66 -0.34 0.00	26.76 0.05 0.00	26.54 0.14 0.00	29.30 0.22 0.00	27.10 0.21 0.00	29.59 0.65 0.00	27.08 0.87 0.00	36.84 0.85 0.00	34.78 0.40 0.00	37.83 0.65 0.00	38.57 -0.08 0.00	36.79 -0.42 0.00	28.81 -0.17 0.00	27.00 -0.37 0.00	25.56 -0.56 0.00	24.71 -0.82 0.00
BARON_WINDS___WT_PWR 323822	20.41 -1.03 0.00	20.14 -1.09 0.00	18.96 -0.90 0.00	19.35 -0.96 0.00	20.72 -0.91 0.00	21.29 -0.85 0.00	20.24 -0.75 0.00	20.70 -0.86 0.00	22.32 -0.67 0.00	26.43 -0.27 0.00	26.34 -0.05 0.00	29.22 0.13 0.00	27.00 0.12 0.00	29.25 0.31 0.00	26.74 0.52 0.00	36.51 0.53 0.00	34.65 0.28 0.00	37.46 0.29 0.00	38.58 -0.06 0.00	37.09 -0.12 0.00	29.08 0.10 0.00	27.29 -0.08 0.00	25.77 -0.34 0.00	24.94 -0.59 0.00
BARRETT_IC_1 23704	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_10 23701	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_11 23702	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_12 23703	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_2 23705	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_3 23706	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_4 23707	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42



BARRETT_IC_5 23708	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_6 23709	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_7 23710	22.68 1.14 -0.11	22.38 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.85 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.23 1.40 -5.44	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.76 -5.39	38.42 2.15 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.53 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.82 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_8 23711	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT_IC_9 23700	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT___1 23545	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BARRETT___2 23546	22.68 1.14 -0.11	22.37 1.14 0.00	20.86 1.00 0.00	21.26 0.95 0.00	22.49 0.86 0.00	23.00 0.86 0.00	21.89 0.90 0.00	22.54 0.99 0.00	24.05 1.05 0.00	27.98 1.27 0.00	33.24 1.40 -5.45	32.21 1.75 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.36 1.77 -5.39	38.43 2.16 -0.29	36.16 1.79 0.00	39.02 1.85 0.00	40.52 1.88 0.00	39.09 1.88 0.00	30.31 1.34 0.00	28.81 1.44 0.00	28.68 1.62 -0.94	28.56 1.61 -1.42
BATAVIA__115KV_TB1 55881	21.33 -0.10 0.00	21.02 -0.22 0.00	19.90 0.04 0.00	20.18 -0.13 0.00	21.65 0.02 0.00	22.09 -0.05 0.00	20.94 -0.04 0.00	21.39 -0.17 0.00	23.17 0.18 0.00	27.32 0.62 0.00	27.12 0.72 0.00	29.76 0.68 0.00	27.66 0.78 0.00	30.27 1.33 0.00	27.64 1.43 0.00	37.56 1.58 0.00	35.59 1.21 0.00	38.87 1.70 0.00	39.64 1.00 0.00	37.71 0.50 0.00	29.58 0.60 0.00	27.63 0.26 0.00	26.12 0.00 0.00	25.19 -0.34 0.00
BAYONEEC___CTG1 323682	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG10 323750	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG2 323683	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG3 323684	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG4 323685	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG5 323686	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG6 323687	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00



BAYONEEC___CTG7 323688	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG8 323689	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BAYONEEC___CTG9 323749	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.66 0.00	22.35 0.79 0.00	23.89 0.90 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.33 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.84 0.00	39.07 1.90 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.83 1.30 0.00
BEACON___LESR 323632	21.82 0.40 0.00	21.66 0.43 0.00	20.25 0.39 0.00	20.71 0.40 0.00	22.02 0.40 0.00	22.47 0.33 0.00	21.34 0.36 0.00	21.97 0.41 0.00	23.36 0.37 0.00	27.05 0.34 0.00	26.58 0.19 0.00	29.45 0.37 0.00	27.08 0.29 0.09	29.33 0.45 0.06	26.26 0.36 0.31	36.41 0.63 0.21	35.11 0.73 0.00	38.02 0.85 0.00	39.56 0.92 0.00	38.11 0.90 0.00	29.53 0.56 0.00	27.93 0.56 0.00	26.61 0.49 0.00	26.00 0.47 0.00
BEAVER RIVER___HYD 24048	20.76 -0.67 0.00	20.41 -0.82 0.00	19.11 -0.75 0.00	19.64 -0.67 0.00	21.14 -0.49 0.00	22.01 -0.14 0.00	20.73 -0.25 0.00	21.20 -0.35 0.00	22.75 -0.24 0.00	26.40 -0.31 0.00	26.27 -0.12 0.00	28.94 -0.14 0.00	27.05 0.17 0.00	29.17 0.23 0.00	26.31 0.10 0.00	36.27 0.28 0.00	34.91 0.53 0.00	37.48 0.31 0.00	39.32 0.68 0.00	38.07 0.86 0.00	29.67 0.70 0.00	28.01 0.64 0.00	26.43 0.30 0.00	25.67 0.14 0.00
BEEBEE_GT_13 23619	21.19 -0.24 0.00	20.93 -0.30 0.00	19.74 -0.12 0.00	20.07 -0.25 0.00	21.48 -0.15 0.00	21.93 -0.21 0.00	20.79 -0.19 0.00	21.28 -0.28 0.00	22.92 -0.08 0.00	26.89 0.18 0.00	26.67 0.28 0.00	29.44 0.36 0.00	27.31 0.43 0.00	29.79 0.85 0.00	27.16 0.95 0.00	37.02 1.03 0.00	35.04 0.66 0.00	38.16 0.99 0.00	39.09 0.45 0.00	37.32 0.10 0.00	29.18 0.21 0.00	27.33 -0.05 0.00	25.91 -0.21 0.00	25.10 -0.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.25 1.21 -21.61	38.38 1.22 -15.94	38.08 1.08 -17.13	31.61 1.03 -10.27	23.82 0.98 -1.21	23.12 0.96 -0.02	36.72 0.96 -14.78	38.13 1.09 -15.48	38.24 1.21 -14.03	38.77 1.46 -10.59	39.11 1.47 -11.25	48.49 1.83 -17.58	38.78 1.77 -10.13	38.69 2.00 -7.75	39.09 1.85 -11.03	40.06 2.46 -1.61	39.32 2.39 -2.55	39.65 2.47 0.00	41.11 2.47 0.00	39.68 2.47 -0.01	39.13 1.85 -8.31	39.36 1.81 -10.18	55.61 1.75 -27.74	71.58 1.68 -44.37
BETHLEHEM___GRP 23843	21.52 0.09 0.00	21.40 0.17 0.00	20.02 0.16 0.00	20.48 0.16 0.00	21.74 0.11 0.00	22.21 0.07 0.00	21.06 0.08 0.00	21.66 0.10 0.00	23.03 0.03 0.00	26.60 -0.11 0.00	26.18 -0.21 0.00	28.95 -0.13 0.00	26.71 -0.08 0.08	28.88 -0.01 0.06	25.85 -0.07 0.29	35.73 -0.06 0.20	34.49 0.12 0.00	37.34 0.16 0.00	38.82 0.18 0.00	37.42 0.20 0.00	29.04 0.06 0.00	27.47 0.10 0.00	26.18 0.06 0.00	25.58 0.05 0.00
BETHLEHEM___GS1 323560	21.53 0.09 0.00	21.40 0.17 0.00	20.02 0.16 0.00	20.48 0.17 0.00	21.74 0.11 0.00	22.21 0.07 0.00	21.06 0.08 0.00	21.66 0.10 0.00	23.03 0.03 0.00	26.60 -0.10 0.00	26.18 -0.21 0.00	28.95 -0.13 0.00	26.71 -0.08 0.08	28.88 -0.01 0.06	25.85 -0.07 0.29	35.73 -0.06 0.20	34.49 0.12 0.00	37.33 0.16 0.00	38.82 0.18 0.00	37.42 0.20 0.00	29.04 0.06 0.00	27.47 0.10 0.00	26.18 0.06 0.00	25.58 0.05 0.00
BETHLEHEM___GS2 323561	21.53 0.09 0.00	21.40 0.17 0.00	20.02 0.16 0.00	20.48 0.17 0.00	21.74 0.11 0.00	22.21 0.07 0.00	21.06 0.08 0.00	21.66 0.10 0.00	23.03 0.03 0.00	26.60 -0.10 0.00	26.18 -0.21 0.00	28.95 -0.13 0.00	26.71 -0.08 0.08	28.88 -0.01 0.06	25.85 -0.07 0.29	35.73 -0.06 0.20	34.49 0.12 0.00	37.33 0.16 0.00	38.82 0.18 0.00	37.42 0.20 0.00	29.04 0.06 0.00	27.47 0.10 0.00	26.18 0.06 0.00	25.58 0.05 0.00
BETHLEHEM___GS3 323562	21.53 0.09 0.00	21.40 0.17 0.00	20.02 0.16 0.00	20.48 0.17 0.00	21.74 0.11 0.00	22.21 0.07 0.00	21.06 0.08 0.00	21.66 0.10 0.00	23.03 0.03 0.00	26.60 -0.10 0.00	26.18 -0.21 0.00	28.95 -0.13 0.00	26.71 -0.08 0.08	28.88 -0.01 0.06	25.85 -0.07 0.29	35.73 -0.06 0.20	34.49 0.12 0.00	37.33 0.16 0.00	38.82 0.18 0.00	37.42 0.20 0.00	29.04 0.06 0.00	27.47 0.10 0.00	26.18 0.06 0.00	25.58 0.05 0.00
BETHLEHEM___STEEL 23779	20.64 -0.79 0.00	20.35 -0.88 0.00	19.33 -0.53 0.00	19.64 -0.67 0.00	21.08 -0.55 0.00	21.50 -0.64 0.00	20.37 -0.61 0.00	20.79 -0.77 0.00	22.60 -0.39 0.00	26.70 0.00 0.00	26.52 0.13 0.00	29.29 0.20 0.00	27.12 0.24 0.00	29.67 0.73 0.00	27.15 0.94 0.00	36.91 0.92 0.00	34.79 0.41 0.00	37.85 0.68 0.00	38.47 -0.17 0.00	36.66 -0.55 0.00	28.76 -0.22 0.00	26.91 -0.46 0.00	25.46 -0.66 0.00	24.59 -0.94 0.00
BETHLHEM_115KV_TB1 79974	21.58 0.15 0.00	21.45 0.22 0.00	20.05 0.19 0.00	20.52 0.21 0.00	21.79 0.17 0.00	22.26 0.12 0.00	21.11 0.13 0.00	21.70 0.14 0.00	23.07 0.08 0.00	26.68 -0.03 0.00	26.26 -0.13 0.00	29.04 -0.05 0.00	26.80 0.00 0.08	28.97 0.08 0.05	25.95 0.01 0.27	35.85 0.05 0.19	34.59 0.21 0.00	37.43 0.26 0.00	38.93 0.28 0.00	37.51 0.30 0.00	29.13 0.15 0.00	27.54 0.17 0.00	26.25 0.13 0.00	25.65 0.11 0.00
BETHPAGE_CC_5 323564	22.83 1.29 -0.11	22.52 1.29 0.00	21.00 1.14 0.00	21.39 1.08 0.00	22.61 0.98 0.00	23.14 0.99 0.00	22.03 1.05 0.00	22.72 1.17 0.00	24.20 1.20 0.00	28.19 1.48 0.00	33.37 1.53 -5.45	32.31 1.85 -1.38	32.66 1.75 -4.03	33.31 1.94 -2.43	33.35 1.76 -5.39	38.46 2.19 -0.29	36.27 1.89 0.00	39.27 2.09 0.00	40.79 2.14 0.00	39.37 2.16 0.00	30.55 1.58 0.00	28.99 1.62 0.00	28.85 1.79 -0.94	28.76 1.81 -1.42
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.68 -0.75 0.00	20.40 -0.84 0.00	19.36 -0.50 0.00	19.68 -0.63 0.00	21.14 -0.49 0.00	21.54 -0.60 0.00	20.41 -0.57 0.00	20.83 -0.72 0.00	22.65 -0.34 0.00	26.77 0.06 0.00	26.60 0.20 0.00	29.37 0.29 0.00	27.21 0.32 0.00	29.76 0.82 0.00	27.22 1.01 0.00	37.02 1.04 0.00	34.89 0.52 0.00	37.96 0.79 0.00	38.59 -0.05 0.00	36.78 -0.43 0.00	28.84 -0.14 0.00	26.98 -0.39 0.00	25.53 -0.59 0.00	24.65 -0.88 0.00



BINGHAMTON___COGEN 23790	21.32 -0.11 0.00	21.10 -0.13 0.00	19.78 -0.08 0.00	20.21 -0.10 0.00	21.58 -0.05 0.00	22.02 -0.12 0.00	20.88 -0.10 0.00	21.46 -0.10 0.00	22.98 -0.01 0.00	26.81 0.10 0.00	26.57 0.18 0.00	29.42 0.34 0.00	27.23 0.35 0.00	29.43 0.48 0.00	26.75 0.54 0.00	36.63 0.64 0.00	34.92 0.55 0.00	37.82 0.65 0.00	39.13 0.49 0.00	37.60 0.39 0.00	29.32 0.34 0.00	27.62 0.25 0.00	26.26 0.13 0.00	25.57 0.04 0.00
BIXINCNT_115KV_LOAD 355685	20.26 -1.17 0.00	20.14 -1.09 0.00	19.08 -0.78 0.00	19.58 -0.73 0.00	21.26 -0.36 0.00	21.54 -0.60 0.00	20.23 -0.76 0.00	20.67 -0.89 0.00	22.54 -0.46 0.00	26.91 0.20 0.00	26.75 0.35 0.00	29.54 0.46 0.00	27.29 0.40 0.00	29.74 0.80 0.00	27.10 0.89 0.00	36.89 0.90 0.00	34.74 0.36 0.00	37.74 0.57 0.00	38.52 -0.13 0.00	37.00 -0.21 0.00	28.90 -0.08 0.00	27.08 -0.29 0.00	25.67 -0.46 0.00	24.77 -0.77 0.00
BLACK RIVER___HYD 24047	20.80 -0.63 0.00	20.45 -0.79 0.00	19.15 -0.71 0.00	19.66 -0.65 0.00	21.18 -0.45 0.00	22.08 -0.06 0.00	20.75 -0.23 0.00	21.23 -0.33 0.00	22.79 -0.20 0.00	26.41 -0.30 0.00	26.28 -0.11 0.00	29.00 -0.08 0.00	27.19 0.30 0.00	29.34 0.40 0.00	26.35 0.14 0.00	36.51 0.52 0.00	35.21 0.83 0.00	37.80 0.63 0.00	39.60 0.95 0.00	38.38 1.17 0.00	29.93 0.96 0.00	28.22 0.85 0.00	26.56 0.44 0.00	25.74 0.21 0.00
BLACKRVR_115KV_TB2 79977	20.80 -0.63 0.00	20.45 -0.78 0.00	19.15 -0.71 0.00	19.66 -0.65 0.00	21.18 -0.45 0.00	22.08 -0.06 0.00	20.75 -0.23 0.00	21.23 -0.33 0.00	22.79 -0.20 0.00	26.41 -0.30 0.00	26.28 -0.11 0.00	29.01 -0.08 0.00	27.19 0.30 0.00	29.34 0.40 0.00	26.35 0.14 0.00	36.51 0.52 0.00	35.21 0.83 0.00	37.79 0.62 0.00	39.59 0.95 0.00	38.38 1.17 0.00	29.93 0.96 0.00	28.22 0.84 0.00	26.56 0.44 0.00	25.74 0.21 0.00
BLISS_WT_PWR 323608	20.09 -1.34 0.00	20.00 -1.23 0.00	18.95 -0.91 0.00	19.49 -0.82 0.00	21.24 -0.39 0.00	21.48 -0.66 0.00	20.12 -0.86 0.00	20.56 -1.00 0.00	22.45 -0.55 0.00	26.88 0.17 0.00	26.73 0.34 0.00	29.50 0.42 0.00	27.25 0.37 0.00	29.67 0.74 0.00	27.02 0.82 0.00	36.78 0.80 0.00	34.62 0.24 0.00	37.62 0.45 0.00	38.40 -0.24 0.00	36.95 -0.26 0.00	28.83 -0.15 0.00	27.03 -0.35 0.00	25.62 -0.50 0.00	24.71 -0.82 0.00
BLUESTONE___WT_PWR 323821	21.79 0.36 0.00	21.19 -0.04 0.00	20.34 0.47 0.00	20.62 0.31 0.00	22.04 0.41 0.00	22.61 0.46 0.00	21.21 0.22 0.00	21.89 0.33 0.00	23.52 0.52 0.00	27.61 0.91 0.00	27.32 0.92 0.00	30.25 1.17 0.00	28.03 1.15 0.00	30.21 1.27 0.00	27.34 1.14 0.00	36.89 0.90 0.00	35.70 1.32 0.00	38.93 1.76 0.00	40.47 1.83 0.00	38.93 1.72 0.00	30.50 1.52 0.00	28.57 1.20 0.00	26.91 0.78 0.00	26.29 0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	21.84 0.41 0.00	21.72 0.49 0.00	20.30 0.44 0.00	20.80 0.49 0.00	22.11 0.48 0.00	22.59 0.45 0.00	21.39 0.41 0.00	21.94 0.39 0.00	23.32 0.32 0.00	26.96 0.25 0.00	26.53 0.14 0.00	29.32 0.24 0.00	27.07 0.24 0.06	29.23 0.32 0.04	26.27 0.25 0.19	36.17 0.32 0.13	34.96 0.58 0.00	37.88 0.71 0.00	39.40 0.75 0.00	37.96 0.75 0.00	29.49 0.52 0.00	27.88 0.51 0.00	26.58 0.46 0.00	25.97 0.44 0.00
BOC_GAS_DRP 24189	21.69 0.26 0.00	21.55 0.32 0.00	20.14 0.28 0.00	20.62 0.31 0.00	21.91 0.29 0.00	22.39 0.25 0.00	21.20 0.21 0.00	21.79 0.23 0.00	23.20 0.20 0.00	26.87 0.16 0.00	26.48 0.08 0.00	29.26 0.18 0.00	27.03 0.20 0.05	29.20 0.29 0.04	26.25 0.23 0.19	36.18 0.32 0.13	34.81 0.43 0.00	37.66 0.48 0.00	39.13 0.49 0.00	37.71 0.50 0.00	29.29 0.32 0.00	27.70 0.33 0.00	26.41 0.29 0.00	25.81 0.28 0.00
BOONVILLE_115KV_TB1 79983	21.41 -0.02 0.00	21.13 -0.10 0.00	19.76 -0.10 0.00	20.25 -0.06 0.00	21.68 0.05 0.00	22.33 0.19 0.00	21.12 0.14 0.00	21.67 0.11 0.00	23.17 0.17 0.00	26.89 0.19 0.00	26.72 0.33 0.00	29.48 0.40 0.00	27.39 0.51 0.00	29.55 0.61 0.00	26.75 0.54 0.00	36.74 0.76 0.00	35.23 0.86 0.00	38.04 0.87 0.00	39.67 1.02 0.00	38.30 1.09 0.00	29.83 0.85 0.00	28.14 0.76 0.00	26.67 0.55 0.00	25.97 0.43 0.00
BORALEX_4TH_BRANCH 23824	22.34 0.91 0.00	22.32 1.09 0.00	20.82 0.96 0.00	21.31 1.00 0.00	22.65 1.02 0.00	23.10 0.95 0.00	21.88 0.90 0.00	22.48 0.92 0.00	23.82 0.83 0.00	27.48 0.77 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.21 0.55 0.22	29.53 0.73 0.14	25.95 0.49 0.75	36.36 0.89 0.51	35.44 1.06 0.00	38.36 1.19 0.00	39.96 1.32 0.00	38.53 1.32 0.00	29.87 0.89 0.00	28.30 0.92 0.00	26.95 0.83 0.00	26.35 0.82 0.00
BOWLINE___1 23526	22.17 0.74 0.00	22.00 0.76 0.00	20.52 0.65 0.00	20.91 0.60 0.00	22.21 0.58 0.00	22.67 0.52 0.00	21.50 0.52 0.00	22.18 0.62 0.00	23.73 0.73 0.00	27.60 0.89 0.00	27.27 0.87 0.00	30.22 1.14 0.00	28.10 1.12 -0.10	30.28 1.28 -0.06	27.73 1.19 -0.33	37.80 1.59 -0.22	35.94 1.56 0.00	38.83 1.66 0.00	40.27 1.63 0.00	38.80 1.59 0.00	30.12 1.15 0.00	28.53 1.15 0.00	27.25 1.13 0.00	26.64 1.11 0.00
BOWLINE___2 23595	22.17 0.74 0.00	22.00 0.76 0.00	20.52 0.65 0.00	20.91 0.60 0.00	22.21 0.58 0.00	22.67 0.52 0.00	21.50 0.52 0.00	22.18 0.62 0.00	23.73 0.73 0.00	27.60 0.89 0.00	27.27 0.87 0.00	30.22 1.14 0.00	28.10 1.12 -0.10	30.28 1.28 -0.06	27.73 1.19 -0.33	37.80 1.59 -0.22	35.94 1.56 0.00	38.83 1.66 0.00	40.27 1.63 0.00	38.80 1.59 0.00	30.12 1.15 0.00	28.53 1.16 0.00	27.25 1.13 0.00	26.64 1.11 0.00
BRADY___115KV_TB2 356060	21.49 0.06 0.00	21.21 -0.02 0.00	19.88 0.02 0.00	20.40 0.08 0.00	21.75 0.12 0.00	22.44 0.29 0.00	21.27 0.29 0.00	21.87 0.31 0.00	23.36 0.37 0.00	27.22 0.51 0.00	26.99 0.60 0.00	29.66 0.58 0.00	27.36 0.48 0.00	29.24 0.30 0.00	26.46 0.25 0.00	36.39 0.41 0.00	34.68 0.30 0.00	37.30 0.12 0.00	39.10 0.45 0.00	37.69 0.48 0.00	29.48 0.51 0.00	27.89 0.51 0.00	26.60 0.48 0.00	25.98 0.45 0.00
BRANSCOMB___SOLAR 323811	22.72 1.29 0.00	22.56 1.32 0.00	21.01 1.15 0.00	21.47 1.16 0.00	22.84 1.21 0.00	23.37 1.23 0.00	22.14 1.16 0.00	22.76 1.21 0.00	24.23 1.24 0.00	27.95 1.24 0.00	27.37 0.98 0.00	30.24 1.16 0.00	27.99 1.22 0.12	30.25 1.39 0.08	26.95 1.15 0.41	37.41 1.70 0.28	36.35 1.97 0.00	39.39 2.22 0.00	41.19 2.55 0.00	39.73 2.52 0.00	30.81 1.83 0.00	29.14 1.77 0.00	27.72 1.60 0.00	27.04 1.51 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.91 1.37 -0.11	22.59 1.35 0.00	21.09 1.23 0.00	21.47 1.16 0.00	22.66 1.04 0.00	23.21 1.07 0.00	22.14 1.16 0.00	22.82 1.26 0.00	24.31 1.32 0.00	28.34 1.64 0.00	33.52 1.69 -5.44	32.49 2.03 -1.38	32.86 1.94 -4.03	33.55 2.19 -2.43	33.66 2.07 -5.39	38.87 2.60 -0.29	36.61 2.23 0.00	39.68 2.51 0.00	41.27 2.62 0.00	39.79 2.58 0.00	30.78 1.80 0.00	29.20 1.83 0.00	29.02 1.97 -0.94	28.83 1.88 -1.42



BRISTLHL_115KV_TB1 79998	21.16 -0.27 0.00	20.94 -0.29 0.00	19.62 -0.25 0.00	20.04 -0.27 0.00	21.37 -0.26 0.00	21.85 -0.29 0.00	20.72 -0.26 0.00	21.25 -0.31 0.00	22.64 -0.35 0.00	26.28 -0.43 0.00	26.02 -0.37 0.00	28.71 -0.37 0.00	26.59 -0.29 0.00	28.72 -0.22 0.00	26.04 -0.16 0.00	35.73 -0.25 0.00	34.14 -0.23 0.00	36.98 -0.19 0.00	38.31 -0.34 0.00	36.87 -0.34 0.00	28.73 -0.24 0.00	27.06 -0.31 0.00	25.76 -0.36 0.00	25.12 -0.41 0.00
BROOKHAVEN___DRP 24191	22.65 1.11 -0.11	22.37 1.13 0.00	20.87 1.01 0.00	21.23 0.92 0.00	22.40 0.78 0.00	22.98 0.83 0.00	21.91 0.92 0.00	22.55 0.99 0.00	24.04 1.04 0.00	28.01 1.31 0.00	33.22 1.38 -5.44	32.16 1.70 -1.38	32.58 1.67 -4.03	33.30 1.93 -2.43	33.42 1.83 -5.39	38.59 2.32 -0.29	36.35 1.97 0.00	39.43 2.26 0.00	41.07 2.43 0.00	39.57 2.36 0.00	30.60 1.63 0.00	29.01 1.64 0.00	28.82 1.76 -0.94	28.60 1.66 -1.42
BROOKLYN_NAVY_YARD 23515	22.33 0.90 0.00	22.13 0.90 0.00	20.64 0.78 0.00	21.04 0.73 0.00	22.33 0.69 0.00	22.80 0.66 0.00	21.65 0.67 0.00	22.36 0.80 0.00	23.90 0.91 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.34 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.20 1.83 0.00	39.09 1.92 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.36 1.38 0.00	28.74 1.37 0.00	27.47 1.35 0.00	26.84 1.30 0.00
BROOKLYN___ARMY_DRP 323595	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
BROOKVLE_69_KV_TB1 55790	22.87 1.33 -0.11	22.56 1.33 0.00	21.03 1.17 0.00	21.42 1.11 0.00	22.66 1.03 0.00	23.19 1.04 0.00	22.06 1.08 0.00	22.77 1.21 0.00	24.31 1.32 0.00	28.32 1.62 0.00	33.56 1.72 -5.44	32.54 2.08 -1.38	32.90 1.99 -4.03	33.63 2.26 -2.43	33.60 2.00 -5.39	38.74 2.47 -0.29	36.62 2.25 0.00	39.62 2.44 0.00	41.12 2.47 0.00	39.78 2.56 0.00	30.84 1.87 0.00	29.25 1.87 0.00	29.00 1.94 -0.94	28.82 1.87 -1.42
BROOME_2_LFGE 323671	21.32 -0.11 0.00	21.10 -0.13 0.00	19.78 -0.08 0.00	20.21 -0.10 0.00	21.58 -0.05 0.00	22.02 -0.12 0.00	20.88 -0.10 0.00	21.46 -0.10 0.00	22.99 -0.01 0.00	26.81 0.10 0.00	26.57 0.18 0.00	29.42 0.34 0.00	27.23 0.35 0.00	29.43 0.48 0.00	26.75 0.54 0.00	36.62 0.64 0.00	34.92 0.55 0.00	37.83 0.66 0.00	39.13 0.49 0.00	37.60 0.39 0.00	29.32 0.34 0.00	27.63 0.25 0.00	26.26 0.13 0.00	25.57 0.04 0.00
BROOME___LFGE 323600	21.32 -0.11 0.00	21.10 -0.13 0.00	19.78 -0.08 0.00	20.21 -0.10 0.00	21.58 -0.05 0.00	22.02 -0.12 0.00	20.88 -0.10 0.00	21.46 -0.10 0.00	22.99 -0.01 0.00	26.81 0.10 0.00	26.57 0.18 0.00	29.42 0.34 0.00	27.23 0.35 0.00	29.43 0.48 0.00	26.75 0.54 0.00	36.62 0.64 0.00	34.92 0.55 0.00	37.83 0.66 0.00	39.13 0.49 0.00	37.60 0.39 0.00	29.32 0.34 0.00	27.63 0.25 0.00	26.26 0.13 0.00	25.57 0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	20.78 -0.65 0.00	20.46 -0.77 0.00	19.15 -0.71 0.00	19.73 -0.58 0.00	21.18 -0.45 0.00	22.01 -0.13 0.00	20.78 -0.20 0.00	21.31 -0.24 0.00	22.84 -0.15 0.00	26.57 -0.14 0.00	26.44 0.05 0.00	29.11 0.03 0.00	27.08 0.19 0.00	29.10 0.16 0.00	26.27 0.06 0.00	36.18 0.19 0.00	34.67 0.29 0.00	37.23 0.06 0.00	39.04 0.40 0.00	37.74 0.53 0.00	29.43 0.46 0.00	27.81 0.44 0.00	26.35 0.23 0.00	25.65 0.11 0.00
BROWNSV1_27_KV_LOAD 356125	22.55 1.12 0.00	22.37 1.14 0.00	20.85 1.00 0.00	21.26 0.95 0.00	22.55 0.91 0.00	23.03 0.89 0.00	21.87 0.88 0.00	22.58 1.02 0.00	24.15 1.16 0.00	28.11 1.40 0.00	27.79 1.40 0.00	30.83 1.75 0.00	28.67 1.69 -0.10	30.93 1.92 -0.07	28.33 1.76 -0.36	38.60 2.38 -0.24	36.69 2.31 0.00	39.60 2.42 0.00	41.05 2.41 0.00	39.58 2.37 0.00	30.74 1.77 0.00	29.10 1.72 0.00	27.78 1.66 0.00	27.14 1.61 0.00
BURROWS___LYONSDAL 23803	21.21 -0.22 0.00	20.91 -0.32 0.00	19.56 -0.30 0.00	20.06 -0.25 0.00	21.52 -0.11 0.00	22.24 0.09 0.00	21.00 0.01 0.00	21.52 -0.04 0.00	23.03 0.04 0.00	26.73 0.02 0.00	26.57 0.18 0.00	29.29 0.20 0.00	27.27 0.39 0.00	29.43 0.49 0.00	26.63 0.42 0.00	36.59 0.61 0.00	35.15 0.77 0.00	37.87 0.70 0.00	39.57 0.93 0.00	38.24 1.03 0.00	29.78 0.81 0.00	28.10 0.73 0.00	26.59 0.47 0.00	25.88 0.35 0.00
CAITHNESS_CC_1 323624	22.64 1.11 -0.11	22.35 1.12 0.00	20.86 1.00 0.00	21.22 0.91 0.00	22.40 0.77 0.00	22.97 0.82 0.00	21.89 0.91 0.00	22.54 0.99 0.00	24.03 1.04 0.00	28.00 1.29 0.00	33.20 1.36 -5.45	32.13 1.67 -1.38	32.55 1.64 -4.03	33.26 1.88 -2.43	33.38 1.78 -5.39	38.52 2.25 -0.29	36.26 1.89 0.00	39.33 2.16 0.00	40.96 2.32 0.00	39.47 2.26 0.00	30.53 1.56 0.00	28.96 1.59 0.00	28.77 1.71 -0.94	28.57 1.62 -1.42
CALPINE BETH_PAGE_GT4 24209	22.84 1.30 -0.11	22.52 1.29 0.00	21.01 1.15 0.00	21.40 1.09 0.00	22.62 0.99 0.00	23.14 1.00 0.00	22.03 1.05 0.00	22.72 1.17 0.00	24.22 1.23 0.00	28.22 1.52 0.00	33.42 1.58 -5.44	32.37 1.91 -1.38	32.71 1.80 -4.03	33.37 2.00 -2.43	33.35 1.75 -5.39	38.46 2.19 -0.29	36.29 1.92 0.00	39.27 2.10 0.00	40.79 2.15 0.00	39.38 2.17 0.00	30.61 1.63 0.00	29.03 1.66 0.00	28.89 1.83 -0.94	28.77 1.82 -1.42
CALPINE_BETH_PAGE_GT_4 323586	22.84 1.30 -0.11	22.52 1.29 0.00	21.01 1.15 0.00	21.39 1.08 0.00	22.62 0.99 0.00	23.15 1.00 0.00	22.03 1.05 0.00	22.72 1.17 0.00	24.22 1.23 0.00	28.22 1.52 0.00	33.42 1.58 -5.45	32.37 1.91 -1.38	32.71 1.80 -4.03	33.37 2.00 -2.43	33.35 1.76 -5.39	38.46 2.19 -0.29	36.29 1.92 0.00	39.27 2.10 0.00	40.79 2.15 0.00	39.38 2.17 0.00	30.60 1.63 0.00	29.04 1.66 0.00	28.89 1.83 -0.94	28.77 1.82 -1.42
CALPINE_BP_GT1 23823	22.84 1.30 -0.11	22.52 1.29 0.00	21.01 1.15 0.00	21.39 1.08 0.00	22.62 0.99 0.00	23.15 1.00 0.00	22.03 1.05 0.00	22.72 1.17 0.00	24.22 1.23 0.00	28.22 1.52 0.00	33.42 1.58 -5.45	32.37 1.91 -1.38	32.71 1.80 -4.03	33.37 2.00 -2.43	33.35 1.76 -5.39	38.46 2.19 -0.29	36.29 1.92 0.00	39.27 2.10 0.00	40.79 2.15 0.00	39.38 2.17 0.00	30.60 1.63 0.00	29.04 1.66 0.00	28.89 1.83 -0.94	28.77 1.82 -1.42
CALSPAN___DRP 24200	20.64 -0.79 0.00	20.35 -0.88 0.00	19.33 -0.53 0.00	19.64 -0.67 0.00	21.08 -0.55 0.00	21.50 -0.64 0.00	20.37 -0.61 0.00	20.79 -0.77 0.00	22.60 -0.39 0.00	26.70 0.00 0.00	26.52 0.13 0.00	29.29 0.20 0.00	27.12 0.24 0.00	29.67 0.73 0.00	27.15 0.94 0.00	36.91 0.92 0.00	34.79 0.41 0.00	37.85 0.68 0.00	38.47 -0.17 0.00	36.66 -0.55 0.00	28.76 -0.22 0.00	26.91 -0.46 0.00	25.46 -0.66 0.00	24.59 -0.94 0.00



CALVERTON___SOLAR 323806	22.69 1.15 -0.11	22.41 1.18 0.00	20.91 1.05 0.00	21.26 0.95 0.00	22.43 0.81 0.00	23.01 0.87 0.00	21.95 0.97 0.00	22.58 1.03 0.00	24.08 1.09 0.00	28.08 1.37 0.00	33.29 1.46 -5.45	32.25 1.78 -1.38	32.65 1.74 -4.03	33.40 2.03 -2.43	33.51 1.92 -5.39	38.74 2.47 -0.29	36.51 2.13 0.00	39.62 2.45 0.00	41.27 2.63 0.00	39.76 2.55 0.00	30.74 1.77 0.00	29.13 1.75 0.00	28.92 1.86 -0.94	28.69 1.74 -1.42
CANDIGU_WT_PWR 323617	20.41 -1.03 0.00	20.14 -1.09 0.00	18.96 -0.90 0.00	19.35 -0.96 0.00	20.72 -0.91 0.00	21.29 -0.85 0.00	20.24 -0.75 0.00	20.70 -0.86 0.00	22.32 -0.67 0.00	26.43 -0.27 0.00	26.34 -0.05 0.00	29.22 0.13 0.00	27.00 0.12 0.00	29.25 0.31 0.00	26.74 0.52 0.00	36.51 0.53 0.00	34.65 0.28 0.00	37.46 0.29 0.00	38.58 -0.06 0.00	37.09 -0.12 0.00	29.08 0.10 0.00	27.29 -0.08 0.00	25.77 -0.34 0.00	24.94 -0.59 0.00
CARR STREET_E_SYR 24060	21.28 -0.16 0.00	21.05 -0.18 0.00	19.72 -0.14 0.00	20.15 -0.16 0.00	21.49 -0.14 0.00	21.97 -0.17 0.00	20.83 -0.15 0.00	21.37 -0.18 0.00	22.81 -0.19 0.00	26.49 -0.21 0.00	26.23 -0.16 0.00	28.97 -0.11 0.00	26.83 -0.05 0.00	28.99 0.05 0.00	26.32 0.11 0.00	36.06 0.08 0.00	34.42 0.05 0.00	37.30 0.13 0.00	38.61 -0.04 0.00	37.13 -0.08 0.00	28.93 -0.04 0.00	27.28 -0.09 0.00	25.94 -0.18 0.00	25.28 -0.25 0.00
CARTHAGE___PAPER 23857	20.90 -0.53 0.00	20.55 -0.68 0.00	19.24 -0.62 0.00	19.77 -0.54 0.00	21.28 -0.34 0.00	22.17 0.03 0.00	20.87 -0.12 0.00	21.34 -0.22 0.00	22.90 -0.09 0.00	26.58 -0.12 0.00	26.45 0.06 0.00	29.15 0.07 0.00	27.25 0.36 0.00	29.40 0.46 0.00	26.45 0.24 0.00	36.51 0.53 0.00	35.23 0.85 0.00	37.80 0.62 0.00	39.70 1.06 0.00	38.46 1.24 0.00	29.99 1.02 0.00	28.30 0.92 0.00	26.66 0.54 0.00	25.87 0.34 0.00
CASSADAGA_WT_PWR 323784	20.29 -1.15 0.00	20.03 -1.21 0.00	19.25 -0.61 0.00	19.69 -0.63 0.00	20.80 -0.83 0.00	21.01 -1.13 0.00	19.87 -1.12 0.00	20.62 -0.94 0.00	23.07 0.07 0.00	27.33 0.62 0.00	26.90 0.51 0.00	29.70 0.62 0.00	27.41 0.53 0.00	29.97 1.03 0.00	27.40 1.19 0.00	37.33 1.35 0.00	35.32 0.94 0.00	38.43 1.26 0.00	39.35 0.71 0.00	37.53 0.32 0.00	29.27 0.29 0.00	27.55 0.17 0.00	26.05 -0.07 0.00	25.17 -0.36 0.00
CE_DUNWOOD___DRP 24194	22.27 0.84 0.00	22.09 0.86 0.00	20.61 0.74 0.00	21.02 0.71 0.00	22.29 0.66 0.00	22.77 0.63 0.00	21.61 0.63 0.00	22.29 0.73 0.00	23.83 0.84 0.00	27.72 1.02 0.00	27.39 0.99 0.00	30.35 1.27 0.00	28.23 1.24 -0.10	30.43 1.43 -0.07	27.87 1.31 -0.35	37.98 1.75 -0.24	36.09 1.72 0.00	38.99 1.82 0.00	40.44 1.80 0.00	38.99 1.78 0.00	30.26 1.29 0.00	28.66 1.28 0.00	27.37 1.25 0.00	26.75 1.21 0.00
CE_MILLWOOD___DRP 24193	22.23 0.80 0.00	22.06 0.83 0.00	20.58 0.71 0.00	20.98 0.67 0.00	22.26 0.63 0.00	22.74 0.59 0.00	21.57 0.59 0.00	22.26 0.70 0.00	23.79 0.80 0.00	27.68 0.97 0.00	27.33 0.94 0.00	30.29 1.21 0.00	28.17 1.19 -0.10	30.38 1.37 -0.07	27.81 1.25 -0.35	37.90 1.68 -0.24	36.03 1.65 0.00	38.92 1.74 0.00	40.37 1.72 0.00	38.92 1.71 0.00	30.21 1.23 0.00	28.60 1.23 0.00	27.32 1.20 0.00	26.70 1.16 0.00
CE_NYC2_DRP 24202	22.42 0.98 -0.01	22.23 1.00 -0.01	20.74 0.87 -0.01	21.14 0.83 0.00	22.39 0.77 0.00	22.89 0.74 0.00	21.75 0.76 0.00	22.45 0.89 0.00	23.97 0.98 0.00	27.90 1.19 0.00	27.57 1.18 0.00	30.57 1.49 0.00	28.44 1.46 -0.10	30.67 1.66 -0.07	28.09 1.53 -0.36	38.25 2.02 -0.24	36.35 1.98 0.00	39.19 2.02 0.00	40.65 2.01 0.00	39.22 2.01 0.00	30.46 1.48 0.00	28.84 1.47 0.00	27.56 1.44 0.00	26.92 1.39 0.00
CE_NYC_DRP 24195	22.36 0.93 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.08 0.77 0.00	22.36 0.73 0.00	22.84 0.69 0.00	21.68 0.70 0.00	22.39 0.83 0.00	23.93 0.94 0.00	27.85 1.14 0.00	27.51 1.12 0.00	30.51 1.43 0.00	28.39 1.40 -0.10	30.61 1.60 -0.07	28.03 1.47 -0.36	38.19 1.96 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.61 1.97 0.00	39.17 1.96 0.00	30.41 1.44 0.00	28.79 1.42 0.00	27.50 1.39 0.00	26.87 1.34 0.00
CHAFFEE___LFGE 323603	20.75 -0.68 0.00	20.47 -0.76 0.00	19.42 -0.44 0.00	19.72 -0.59 0.00	21.17 -0.46 0.00	21.58 -0.56 0.00	20.46 -0.52 0.00	20.89 -0.66 0.00	22.71 -0.29 0.00	26.83 0.12 0.00	26.67 0.28 0.00	29.43 0.35 0.00	27.25 0.37 0.00	29.82 0.88 0.00	27.29 1.08 0.00	37.09 1.10 0.00	34.96 0.59 0.00	38.04 0.87 0.00	38.72 0.08 0.00	36.88 -0.33 0.00	28.91 -0.06 0.00	27.04 -0.33 0.00	25.59 -0.54 0.00	24.72 -0.82 0.00
CHATEAUG_35_KV_LOAD 355732	20.93 -0.50 0.00	20.63 -0.61 0.00	19.25 -0.61 0.00	19.71 -0.60 0.00	21.11 -0.52 0.00	21.97 -0.18 0.00	20.69 -0.29 0.00	21.43 -0.13 0.00	22.83 -0.17 0.00	26.55 -0.16 0.00	26.51 0.12 0.00	29.16 0.08 0.00	26.88 0.00 0.00	28.67 -0.27 0.00	25.87 -0.34 0.00	35.72 -0.26 0.00	34.02 -0.36 0.00	36.62 -0.55 0.00	38.59 -0.05 0.00	37.13 -0.08 0.00	28.97 -0.01 0.00	27.49 0.12 0.00	26.24 0.12 0.00	25.64 0.11 0.00
CHATEAUG_WT_PWR 323614	20.87 -0.56 0.00	20.56 -0.67 0.00	19.17 -0.69 0.00	19.62 -0.70 0.00	21.03 -0.60 0.00	21.94 -0.20 0.00	20.67 -0.31 0.00	21.45 -0.10 0.00	22.83 -0.16 0.00	26.58 -0.13 0.00	26.53 0.14 0.00	29.18 0.10 0.00	26.90 0.02 0.00	28.69 -0.25 0.00	25.92 -0.29 0.00	35.75 -0.23 0.00	34.06 -0.31 0.00	36.68 -0.49 0.00	38.65 0.01 0.00	37.19 -0.03 0.00	28.97 0.00 0.00	27.52 0.14 0.00	26.26 0.14 0.00	25.65 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	20.93 -0.50 0.00	20.63 -0.61 0.00	19.25 -0.61 0.00	19.71 -0.60 0.00	21.11 -0.52 0.00	21.97 -0.18 0.00	20.69 -0.29 0.00	21.43 -0.13 0.00	22.83 -0.17 0.00	26.55 -0.16 0.00	26.51 0.12 0.00	29.16 0.08 0.00	26.88 0.00 0.00	28.67 -0.27 0.00	25.87 -0.34 0.00	35.72 -0.26 0.00	34.02 -0.36 0.00	36.62 -0.55 0.00	38.59 -0.05 0.00	37.13 -0.08 0.00	28.97 -0.01 0.00	27.49 0.12 0.00	26.24 0.12 0.00	25.64 0.11 0.00
CHAUTAUQUA___LFGE 323629	20.48 -0.95 0.00	20.21 -1.02 0.00	19.30 -0.56 0.00	19.71 -0.60 0.00	20.97 -0.65 0.00	21.24 -0.90 0.00	20.12 -0.86 0.00	20.72 -0.84 0.00	22.85 -0.15 0.00	26.99 0.28 0.00	26.70 0.31 0.00	29.48 0.40 0.00	27.23 0.35 0.00	29.73 0.79 0.00	27.21 1.00 0.00	37.02 1.04 0.00	35.01 0.63 0.00	38.06 0.89 0.00	38.90 0.25 0.00	37.13 -0.08 0.00	29.04 0.07 0.00	27.25 -0.12 0.00	25.78 -0.34 0.00	24.93 -0.60 0.00
CHERRYST_13_KV_LD 356241	22.41 0.98 0.00	22.23 1.00 0.00	20.73 0.87 0.00	21.13 0.83 0.00	22.41 0.79 0.00	22.89 0.75 0.00	21.74 0.76 0.00	22.45 0.89 0.00	24.01 1.01 0.00	27.93 1.23 0.00	27.60 1.21 0.00	30.62 1.54 0.00	28.49 1.50 -0.10	30.72 1.71 -0.07	28.13 1.57 -0.36	38.32 2.09 -0.24	36.41 2.04 0.00	39.31 2.14 0.00	40.75 2.10 0.00	39.29 2.08 0.00	30.52 1.54 0.00	28.88 1.51 0.00	27.59 1.47 0.00	26.95 1.42 0.00



CHESTROR_138KV_BK263 355645	22.07 0.64 0.00	21.89 0.65 0.00	20.42 0.56 0.00	20.84 0.53 0.00	22.13 0.50 0.00	22.60 0.46 0.00	21.43 0.45 0.00	22.09 0.53 0.00	23.62 0.63 0.00	27.46 0.76 0.00	27.13 0.73 0.00	30.04 0.96 0.00	27.93 0.96 -0.09	30.09 1.09 -0.06	27.49 0.99 -0.29	37.56 1.37 -0.20	35.75 1.38 0.00	38.65 1.47 0.00	40.09 1.45 0.00	38.63 1.42 0.00	30.00 1.02 0.00	28.39 1.01 0.00	27.11 0.99 0.00	26.49 0.96 0.00
CH_MIDHUDSON___DRP 24192	22.22 0.79 0.00	22.05 0.81 0.00	20.55 0.69 0.00	20.98 0.67 0.00	22.27 0.65 0.00	22.76 0.61 0.00	21.58 0.60 0.00	22.25 0.69 0.00	23.77 0.78 0.00	27.63 0.92 0.00	27.28 0.88 0.00	30.21 1.14 0.00	28.07 1.11 -0.07	30.27 1.28 -0.05	27.61 1.16 -0.25	37.75 1.60 -0.17	35.99 1.61 0.00	38.91 1.74 0.00	40.39 1.75 0.00	38.95 1.73 0.00	30.22 1.25 0.00	28.59 1.22 0.00	27.28 1.16 0.00	26.64 1.10 0.00
CH_MISC_IPPS 23765	22.34 0.91 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.08 0.77 0.00	22.38 0.76 0.00	22.87 0.72 0.00	21.69 0.71 0.00	22.36 0.81 0.00	23.92 0.93 0.00	27.82 1.11 0.00	27.48 1.09 0.00	30.45 1.37 0.00	28.30 1.34 -0.08	30.51 1.52 -0.05	27.86 1.38 -0.27	38.10 1.94 -0.18	36.30 1.92 0.00	39.24 2.07 0.00	40.72 2.07 0.00	39.24 2.03 0.00	30.46 1.49 0.00	28.81 1.44 0.00	27.48 1.36 0.00	26.83 1.30 0.00
CH_RES_BVR_FALLS 23983	21.10 -0.33 0.00	20.88 -0.36 0.00	19.53 -0.33 0.00	19.99 -0.32 0.00	21.31 -0.31 0.00	21.90 -0.24 0.00	20.73 -0.26 0.00	21.30 -0.25 0.00	22.74 -0.26 0.00	26.46 -0.25 0.00	26.17 -0.22 0.00	28.82 -0.26 0.00	26.63 -0.25 0.00	28.63 -0.31 0.00	25.96 -0.25 0.00	35.69 -0.30 0.00	34.10 -0.27 0.00	36.79 -0.38 0.00	38.38 -0.26 0.00	37.01 -0.20 0.00	28.84 -0.13 0.00	27.26 -0.12 0.00	26.02 -0.11 0.00	25.45 -0.09 0.00
CH_RES_NIAGARA 23895	20.12 -1.32 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.16 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.45 0.24 0.00	35.89 -0.10 0.00	33.73 -0.64 0.00	36.76 -0.41 0.00	37.22 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.19 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
CH_RES_SYRACUSE 23985	21.36 -0.07 0.00	21.14 -0.09 0.00	19.80 -0.06 0.00	20.22 -0.09 0.00	21.59 -0.04 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.49 -0.07 0.00	22.94 -0.06 0.00	26.66 -0.05 0.00	26.38 -0.02 0.00	29.14 0.06 0.00	26.98 0.10 0.00	29.16 0.22 0.00	26.45 0.24 0.00	36.27 0.29 0.00	34.63 0.25 0.00	37.51 0.34 0.00	38.85 0.21 0.00	37.38 0.17 0.00	29.13 0.16 0.00	27.43 0.06 0.00	26.10 -0.02 0.00	25.44 -0.09 0.00
CLINTON_WT_PWR 323605	20.87 -0.56 0.00	20.56 -0.67 0.00	19.17 -0.69 0.00	19.62 -0.70 0.00	21.03 -0.60 0.00	21.94 -0.20 0.00	20.67 -0.31 0.00	21.45 -0.10 0.00	22.83 -0.16 0.00	26.58 -0.13 0.00	26.53 0.14 0.00	29.18 0.10 0.00	26.90 0.02 0.00	28.69 -0.25 0.00	25.92 -0.29 0.00	35.75 -0.23 0.00	34.06 -0.31 0.00	36.68 -0.49 0.00	38.65 0.01 0.00	37.19 -0.03 0.00	28.97 0.00 0.00	27.52 0.14 0.00	26.26 0.14 0.00	25.65 0.11 0.00
CLINTON___LFGE 323618	21.09 -0.34 0.00	20.79 -0.45 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.18 -0.45 0.00	22.11 -0.04 0.00	20.89 -0.09 0.00	21.66 0.10 0.00	23.10 0.10 0.00	26.82 0.11 0.00	26.77 0.38 0.00	29.49 0.41 0.00	27.24 0.36 0.00	29.02 0.08 0.00	26.23 0.03 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.10 -0.07 0.00	39.08 0.44 0.00	37.63 0.42 0.00	29.30 0.33 0.00	27.87 0.49 0.00	26.55 0.42 0.00	25.91 0.38 0.00
COBBLENY_34_KV_TB1 80064	20.75 -0.68 0.00	20.47 -0.76 0.00	19.41 -0.45 0.00	19.72 -0.59 0.00	21.17 -0.46 0.00	21.58 -0.56 0.00	20.46 -0.52 0.00	20.89 -0.67 0.00	22.70 -0.29 0.00	26.83 0.12 0.00	26.67 0.27 0.00	29.42 0.35 0.00	27.25 0.37 0.00	29.82 0.88 0.00	27.28 1.08 0.00	37.09 1.11 0.00	34.96 0.59 0.00	38.04 0.87 0.00	38.71 0.07 0.00	36.88 -0.34 0.00	28.91 -0.06 0.00	27.04 -0.33 0.00	25.59 -0.54 0.00	24.72 -0.82 0.00
COFFEEN___115KV_TB3 355620	20.98 -0.45 0.00	20.62 -0.61 0.00	19.32 -0.54 0.00	19.82 -0.49 0.00	21.34 -0.29 0.00	22.23 0.09 0.00	20.91 -0.07 0.00	21.41 -0.14 0.00	22.99 -0.01 0.00	26.65 -0.06 0.00	26.54 0.15 0.00	29.33 0.25 0.00	27.44 0.55 0.00	29.58 0.63 0.00	26.56 0.35 0.00	36.86 0.88 0.00	35.56 1.18 0.00	38.17 0.99 0.00	39.96 1.32 0.00	38.74 1.53 0.00	30.23 1.25 0.00	28.49 1.12 0.00	26.79 0.68 0.00	25.95 0.42 0.00
COLDSPRG_115KV_BK1 355956	20.89 -0.54 0.00	20.66 -0.58 0.00	19.70 -0.16 0.00	20.04 -0.27 0.00	21.41 -0.22 0.00	21.69 -0.45 0.00	20.55 -0.43 0.00	21.20 -0.35 0.00	23.30 0.31 0.00	27.55 0.85 0.00	27.26 0.87 0.00	30.21 1.13 0.00	27.87 0.99 0.00	30.43 1.49 0.00	27.80 1.59 0.00	37.88 1.90 0.00	35.77 1.39 0.00	38.95 1.78 0.00	39.84 1.20 0.00	38.02 0.81 0.00	29.72 0.75 0.00	27.87 0.49 0.00	26.37 0.25 0.00	25.50 -0.04 0.00
COLONIE_LFGE___ 323577	22.16 0.73 0.00	22.04 0.81 0.00	20.57 0.70 0.00	21.03 0.72 0.00	22.36 0.73 0.00	22.85 0.71 0.00	21.64 0.65 0.00	22.24 0.69 0.00	23.65 0.66 0.00	27.33 0.63 0.00	26.83 0.43 0.00	29.64 0.56 0.00	27.35 0.60 0.13	29.58 0.73 0.09	26.30 0.55 0.46	36.56 0.88 0.31	35.41 1.04 0.00	38.33 1.16 0.00	39.92 1.27 0.00	38.50 1.29 0.00	29.86 0.89 0.00	28.26 0.89 0.00	26.91 0.79 0.00	26.29 0.76 0.00
COOPERNY_115KV_TB1 80082	21.86 0.43 0.00	21.67 0.44 0.00	20.24 0.38 0.00	20.68 0.36 0.00	21.98 0.35 0.00	22.45 0.30 0.00	21.27 0.29 0.00	21.91 0.36 0.00	23.43 0.43 0.00	27.24 0.53 0.00	26.93 0.53 0.00	29.78 0.70 0.00	27.64 0.70 -0.05	29.77 0.80 -0.03	27.14 0.75 -0.18	37.14 1.03 -0.12	35.38 1.01 0.00	38.26 1.09 0.00	39.69 1.04 0.00	38.23 1.02 0.00	29.71 0.74 0.00	28.11 0.73 0.00	26.84 0.72 0.00	26.22 0.69 0.00
COPENHAGEN_WT_PWR 323753	20.56 -0.87 0.00	20.22 -1.01 0.00	18.94 -0.92 0.00	19.44 -0.87 0.00	20.98 -0.65 0.00	21.92 -0.22 0.00	20.56 -0.42 0.00	21.02 -0.53 0.00	22.58 -0.41 0.00	26.13 -0.58 0.00	25.96 -0.43 0.00	28.63 -0.45 0.00	26.95 0.07 0.00	29.13 0.19 0.00	26.15 -0.06 0.00	36.20 0.22 0.00	34.92 0.54 0.00	37.47 0.30 0.00	39.27 0.63 0.00	38.08 0.87 0.00	29.66 0.69 0.00	27.98 0.60 0.00	26.32 0.20 0.00	25.53 0.00 0.00
CORNELL_____ 23752	21.64 0.21 0.00	21.38 0.15 0.00	20.04 0.18 0.00	20.46 0.15 0.00	21.85 0.22 0.00	22.34 0.19 0.00	21.20 0.22 0.00	21.81 0.25 0.00	23.33 0.33 0.00	27.21 0.50 0.00	26.93 0.54 0.00	29.83 0.76 0.00	27.60 0.72 0.00	29.78 0.84 0.00	27.13 0.92 0.00	37.12 1.13 0.00	35.46 1.08 0.00	38.40 1.22 0.00	39.85 1.20 0.00	38.37 1.16 0.00	29.95 0.98 0.00	28.20 0.82 0.00	26.75 0.63 0.00	26.02 0.49 0.00



CORONA V_69_KV_TB1 355595	22.80 1.26 -0.11	22.49 1.26 0.00	20.97 1.11 0.00	21.36 1.06 0.00	22.61 0.98 0.00	23.12 0.98 0.00	22.00 1.02 0.00	22.68 1.12 0.00	24.22 1.22 0.00	28.19 1.48 0.00	33.42 1.58 -5.44	32.40 1.94 -1.38	32.78 1.87 -4.03	33.49 2.12 -2.43	33.55 1.95 -5.39	38.76 2.48 -0.29	36.60 2.22 0.00	39.55 2.38 0.00	41.05 2.41 0.00	39.59 2.38 0.00	30.70 1.72 0.00	29.14 1.76 0.00	28.89 1.83 -0.94	28.73 1.78 -1.42
CORTLAND_115KV_TB3 80093	21.51 0.08 0.00	21.27 0.04 0.00	19.92 0.06 0.00	20.36 0.05 0.00	21.72 0.09 0.00	22.21 0.06 0.00	21.06 0.08 0.00	21.65 0.09 0.00	23.13 0.14 0.00	26.93 0.22 0.00	26.67 0.28 0.00	29.50 0.42 0.00	27.31 0.42 0.00	29.47 0.53 0.00	26.80 0.59 0.00	36.71 0.73 0.00	35.05 0.67 0.00	37.96 0.79 0.00	39.34 0.70 0.00	37.88 0.67 0.00	29.54 0.56 0.00	27.83 0.46 0.00	26.43 0.31 0.00	25.75 0.22 0.00
COXSACKIE__GT 23611	22.71 1.28 0.00	22.54 1.30 0.00	21.05 1.19 0.00	21.54 1.23 0.00	22.90 1.27 0.00	23.40 1.26 0.00	22.19 1.21 0.00	22.80 1.24 0.00	24.16 1.17 0.00	27.86 1.15 0.00	27.33 0.94 0.00	30.27 1.19 0.00	27.83 0.98 0.04	30.25 1.33 0.02	27.45 1.37 0.12	37.34 1.44 0.09	36.58 2.21 0.00	39.84 2.67 0.00	41.61 2.96 0.00	40.02 2.81 0.00	31.02 2.05 0.00	29.24 1.87 0.00	27.77 1.65 0.00	27.01 1.48 0.00
CPV_VALLEY__CC1 323721	21.92 0.49 0.00	21.74 0.51 0.00	20.29 0.43 0.00	20.71 0.40 0.00	22.00 0.37 0.00	22.47 0.32 0.00	21.29 0.31 0.00	21.95 0.39 0.00	23.47 0.48 0.00	27.28 0.57 0.00	26.95 0.56 0.00	29.83 0.75 0.00	27.72 0.77 -0.07	29.86 0.87 -0.05	27.26 0.80 -0.25	37.25 1.09 -0.17	35.47 1.09 0.00	38.34 1.16 0.00	39.77 1.13 0.00	38.32 1.11 0.00	29.76 0.79 0.00	28.16 0.79 0.00	26.90 0.78 0.00	26.30 0.77 0.00
CPV_VALLEY__CC2 323722	21.92 0.49 0.00	21.74 0.51 0.00	20.29 0.43 0.00	20.71 0.40 0.00	22.00 0.37 0.00	22.47 0.32 0.00	21.29 0.31 0.00	21.95 0.39 0.00	23.47 0.48 0.00	27.28 0.57 0.00	26.95 0.56 0.00	29.83 0.75 0.00	27.72 0.77 -0.07	29.86 0.87 -0.05	27.26 0.80 -0.25	37.25 1.09 -0.17	35.47 1.09 0.00	38.34 1.16 0.00	39.77 1.13 0.00	38.32 1.11 0.00	29.76 0.79 0.00	28.16 0.79 0.00	26.90 0.78 0.00	26.30 0.77 0.00
CRESCENT__HYD 24018	22.16 0.73 0.00	22.04 0.81 0.00	20.57 0.70 0.00	21.03 0.72 0.00	22.36 0.73 0.00	22.85 0.71 0.00	21.64 0.65 0.00	22.24 0.69 0.00	23.65 0.66 0.00	27.33 0.63 0.00	26.83 0.43 0.00	29.64 0.56 0.00	27.35 0.60 0.13	29.58 0.73 0.09	26.30 0.55 0.46	36.56 0.88 0.31	35.41 1.04 0.00	38.33 1.16 0.00	39.92 1.27 0.00	38.50 1.29 0.00	29.86 0.89 0.00	28.26 0.89 0.00	26.91 0.79 0.00	26.29 0.76 0.00
CRICKET__VALLEY_CC1 323756	21.97 0.54 0.00	21.82 0.59 0.00	20.31 0.45 0.00	20.74 0.42 0.00	22.01 0.38 0.00	22.50 0.36 0.00	21.34 0.36 0.00	21.99 0.43 0.00	23.47 0.47 0.00	27.25 0.54 0.00	26.82 0.43 0.00	29.68 0.60 0.00	26.04 0.61 1.46	28.74 0.74 0.94	21.89 0.65 4.97	33.52 0.92 3.38	35.37 0.99 0.00	38.25 1.08 0.00	39.78 1.13 0.00	38.39 1.18 0.00	29.76 0.79 0.00	28.17 0.80 0.00	26.87 0.75 0.00	26.25 0.72 0.00
CRICKET__VALLEY_CC2 323757	21.97 0.54 0.00	21.82 0.59 0.00	20.31 0.45 0.00	20.74 0.42 0.00	22.01 0.38 0.00	22.50 0.36 0.00	21.34 0.36 0.00	21.99 0.43 0.00	23.47 0.47 0.00	27.25 0.54 0.00	26.82 0.43 0.00	29.68 0.60 0.00	26.04 0.61 1.46	28.74 0.74 0.94	21.89 0.65 4.97	33.52 0.92 3.38	35.37 0.99 0.00	38.25 1.08 0.00	39.78 1.13 0.00	38.39 1.18 0.00	29.76 0.79 0.00	28.17 0.80 0.00	26.87 0.75 0.00	26.25 0.72 0.00
CRICKET__VALLEY_CC3 323758	21.97 0.54 0.00	21.82 0.59 0.00	20.31 0.45 0.00	20.74 0.42 0.00	22.01 0.38 0.00	22.50 0.36 0.00	21.34 0.36 0.00	21.99 0.43 0.00	23.47 0.47 0.00	27.25 0.54 0.00	26.82 0.43 0.00	29.68 0.60 0.00	26.04 0.61 1.46	28.74 0.74 0.94	21.89 0.65 4.97	33.52 0.92 3.38	35.37 0.99 0.00	38.25 1.08 0.00	39.78 1.13 0.00	38.39 1.18 0.00	29.76 0.79 0.00	28.17 0.80 0.00	26.87 0.75 0.00	26.25 0.72 0.00
CRUCIBLE_METL_DRP 24180	21.36 -0.07 0.00	21.14 -0.09 0.00	19.80 -0.06 0.00	20.22 -0.09 0.00	21.59 -0.04 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.49 -0.07 0.00	22.94 -0.06 0.00	26.66 -0.05 0.00	26.38 -0.02 0.00	29.14 0.06 0.00	26.98 0.10 0.00	29.16 0.22 0.00	26.45 0.24 0.00	36.27 0.29 0.00	34.63 0.25 0.00	37.51 0.34 0.00	38.85 0.21 0.00	37.38 0.17 0.00	29.13 0.16 0.00	27.43 0.06 0.00	26.10 -0.02 0.00	25.44 -0.09 0.00
DAHOWA__HYDRO 323763	22.88 1.45 0.00	22.71 1.48 0.00	21.15 1.28 0.00	21.61 1.30 0.00	22.98 1.35 0.00	23.51 1.37 0.00	22.29 1.31 0.00	22.93 1.37 0.00	24.42 1.42 0.00	28.15 1.45 0.00	27.53 1.14 0.00	30.43 1.36 0.00	28.17 1.40 0.12	30.44 1.58 0.07	27.15 1.34 0.39	37.68 1.96 0.27	36.60 2.22 0.00	39.67 2.49 0.00	41.56 2.92 0.00	40.08 2.87 0.00	31.06 2.09 0.00	29.39 2.02 0.00	27.94 1.82 0.00	27.25 1.72 0.00
DANC__LFGE 323619	20.78 -0.65 0.00	20.49 -0.74 0.00	19.19 -0.67 0.00	19.65 -0.66 0.00	21.10 -0.53 0.00	21.86 -0.28 0.00	20.60 -0.39 0.00	21.07 -0.49 0.00	22.56 -0.43 0.00	26.16 -0.55 0.00	25.97 -0.43 0.00	28.65 -0.43 0.00	26.78 -0.10 0.00	28.94 0.00 0.00	26.07 -0.14 0.00	35.98 0.00 0.00	34.57 0.19 0.00	37.24 0.06 0.00	38.84 0.20 0.00	37.56 0.34 0.00	29.26 0.29 0.00	27.61 0.24 0.00	26.10 -0.02 0.00	25.36 -0.17 0.00
DANSKAMMER__1 23586	22.34 0.91 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.08 0.77 0.00	22.38 0.76 0.00	22.87 0.72 0.00	21.69 0.71 0.00	22.36 0.81 0.00	23.92 0.93 0.00	27.82 1.11 0.00	27.48 1.09 0.00	30.45 1.37 0.00	28.30 1.34 -0.08	30.51 1.52 -0.05	27.86 1.38 -0.27	38.10 1.94 -0.18	36.30 1.92 0.00	39.24 2.07 0.00	40.72 2.07 0.00	39.24 2.03 0.00	30.46 1.49 0.00	28.81 1.44 0.00	27.48 1.36 0.00	26.83 1.30 0.00
DANSKAMMER__2 23589	22.34 0.91 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.08 0.77 0.00	22.38 0.76 0.00	22.87 0.72 0.00	21.69 0.71 0.00	22.36 0.81 0.00	23.92 0.93 0.00	27.82 1.11 0.00	27.48 1.09 0.00	30.45 1.37 0.00	28.30 1.34 -0.08	30.51 1.52 -0.05	27.86 1.38 -0.27	38.10 1.94 -0.18	36.30 1.92 0.00	39.24 2.07 0.00	40.72 2.07 0.00	39.24 2.03 0.00	30.46 1.49 0.00	28.81 1.44 0.00	27.48 1.36 0.00	26.83 1.30 0.00
DANSKAMMER__3 23590	22.34 0.91 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.08 0.77 0.00	22.38 0.76 0.00	22.87 0.72 0.00	21.69 0.71 0.00	22.36 0.81 0.00	23.92 0.93 0.00	27.82 1.11 0.00	27.48 1.09 0.00	30.45 1.37 0.00	28.30 1.34 -0.08	30.51 1.52 -0.05	27.86 1.38 -0.27	38.10 1.94 -0.18	36.30 1.92 0.00	39.24 2.07 0.00	40.72 2.07 0.00	39.24 2.03 0.00	30.46 1.49 0.00	28.81 1.44 0.00	27.48 1.36 0.00	26.83 1.30 0.00



DANSKAMMER___4 23591	22.34 0.91 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.08 0.77 0.00	22.38 0.76 0.00	22.87 0.72 0.00	21.69 0.71 0.00	22.36 0.81 0.00	23.92 0.93 0.00	27.82 1.11 0.00	27.48 1.09 0.00	30.45 1.37 0.00	28.30 1.34 -0.08	30.51 1.52 -0.05	27.86 1.38 -0.27	38.10 1.94 -0.18	36.30 1.92 0.00	39.24 2.07 0.00	40.72 2.07 0.00	39.24 2.03 0.00	30.46 1.49 0.00	28.81 1.44 0.00	27.48 1.36 0.00	26.83 1.30 0.00
DANSKAMMER___DIESEL 23592	22.34 0.91 0.00	22.16 0.92 0.00	20.66 0.80 0.00	21.08 0.77 0.00	22.38 0.76 0.00	22.87 0.72 0.00	21.69 0.71 0.00	22.36 0.81 0.00	23.93 0.93 0.00	27.82 1.11 0.00	27.48 1.09 0.00	30.45 1.37 0.00	28.30 1.34 -0.08	30.51 1.52 -0.05	27.86 1.38 -0.27	38.10 1.94 -0.18	36.30 1.92 0.00	39.24 2.07 0.00	40.72 2.07 0.00	39.25 2.04 0.00	30.46 1.49 0.00	28.81 1.44 0.00	27.48 1.36 0.00	26.83 1.30 0.00
DARBY___SOLAR 323810	22.75 1.32 0.00	22.58 1.35 0.00	21.03 1.17 0.00	21.50 1.19 0.00	22.86 1.24 0.00	23.39 1.25 0.00	22.17 1.19 0.00	22.79 1.24 0.00	24.27 1.27 0.00	28.00 1.29 0.00	27.40 1.01 0.00	30.28 1.20 0.00	28.02 1.26 0.12	30.28 1.41 0.08	26.99 1.19 0.41	37.45 1.74 0.28	36.40 2.02 0.00	39.43 2.26 0.00	41.26 2.62 0.00	39.81 2.59 0.00	30.86 1.89 0.00	29.20 1.82 0.00	27.77 1.64 0.00	27.09 1.56 0.00
DASHVILLE___HYD 23610	22.03 0.60 0.00	21.85 0.62 0.00	20.37 0.51 0.00	20.80 0.49 0.00	22.08 0.45 0.00	22.55 0.41 0.00	21.37 0.39 0.00	22.03 0.48 0.00	23.60 0.60 0.00	27.47 0.77 0.00	27.15 0.75 0.00	30.05 0.97 0.00	27.91 0.99 -0.04	30.11 1.15 -0.03	27.41 1.06 -0.15	37.55 1.46 -0.10	35.79 1.41 0.00	38.67 1.50 0.00	40.10 1.46 0.00	38.67 1.46 0.00	30.01 1.03 0.00	28.39 1.01 0.00	27.10 0.98 0.00	26.47 0.94 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.12 1.58 -0.11	22.80 1.57 0.00	21.27 1.41 0.00	21.59 1.28 0.00	22.73 1.11 0.00	23.35 1.21 0.00	22.31 1.33 0.00	23.00 1.44 0.00	24.60 1.60 0.00	28.77 2.06 0.00	34.11 2.27 -5.44	33.09 2.63 -1.38	33.44 2.53 -4.03	34.35 2.98 -2.43	34.35 2.75 -5.39	40.00 3.73 -0.29	37.78 3.41 0.00	40.98 3.81 0.00	42.66 4.02 0.00	41.05 3.84 0.00	31.74 2.77 0.00	29.95 2.58 0.00	29.70 2.64 -0.94	29.42 2.47 -1.42
DELAWARE___LFGE 323621	21.82 0.39 0.00	21.59 0.36 0.00	20.22 0.36 0.00	20.71 0.40 0.00	22.05 0.42 0.00	22.53 0.39 0.00	21.31 0.33 0.00	21.93 0.37 0.00	23.44 0.45 0.00	27.31 0.60 0.00	27.01 0.62 0.00	29.87 0.79 0.00	27.64 0.76 0.00	29.81 0.87 0.00	27.03 0.82 0.00	37.07 1.08 0.00	35.43 1.05 0.00	38.35 1.18 0.00	39.77 1.13 0.00	38.28 1.07 0.00	29.79 0.82 0.00	28.13 0.75 0.00	26.79 0.66 0.00	26.14 0.61 0.00
DERFIELD_115KV_TB7 355931	21.45 0.02 0.00	21.26 0.02 0.00	19.88 0.02 0.00	20.34 0.03 0.00	21.66 0.03 0.00	22.15 0.01 0.00	20.98 0.00 0.00	21.56 0.00 0.00	22.99 0.00 0.00	26.67 -0.04 0.00	26.34 -0.05 0.00	29.08 0.00 0.00	26.91 0.03 0.00	28.99 0.05 0.00	26.26 0.05 0.00	36.06 0.08 0.00	34.48 0.10 0.00	37.28 0.11 0.00	38.75 0.11 0.00	37.33 0.12 0.00	29.04 0.07 0.00	27.45 0.08 0.00	26.17 0.05 0.00	25.58 0.05 0.00
DOGLEVILLE___HYD 23807	21.43 0.00 0.00	21.32 0.08 0.00	19.93 0.07 0.00	20.39 0.08 0.00	21.65 0.02 0.00	22.03 -0.11 0.00	20.92 -0.06 0.00	21.55 0.00 0.00	22.87 -0.13 0.00	26.34 -0.36 0.00	25.74 -0.65 0.00	28.78 -0.30 0.00	26.78 -0.10 0.00	28.69 -0.25 0.00	25.90 -0.31 0.00	35.89 -0.10 0.00	34.48 0.10 0.00	37.30 0.13 0.00	38.81 0.16 0.00	37.50 0.28 0.00	29.14 0.16 0.00	27.55 0.18 0.00	26.27 0.15 0.00	25.62 0.09 0.00
DUNKIRK___115KV_TB_200 55889	20.51 -0.92 0.00	20.23 -1.00 0.00	19.30 -0.56 0.00	19.70 -0.61 0.00	20.99 -0.64 0.00	21.27 -0.87 0.00	20.16 -0.82 0.00	20.73 -0.83 0.00	22.81 -0.19 0.00	26.93 0.23 0.00	26.67 0.28 0.00	29.46 0.38 0.00	27.21 0.33 0.00	29.71 0.76 0.00	27.19 0.98 0.00	37.00 1.02 0.00	34.97 0.59 0.00	38.02 0.85 0.00	38.84 0.19 0.00	37.08 -0.13 0.00	29.00 0.02 0.00	27.21 -0.16 0.00	25.75 -0.37 0.00	24.89 -0.64 0.00
DUNKIRK___1 23563	20.51 -0.92 0.00	20.23 -1.00 0.00	19.30 -0.56 0.00	19.70 -0.61 0.00	20.99 -0.64 0.00	21.27 -0.87 0.00	20.16 -0.82 0.00	20.73 -0.83 0.00	22.81 -0.19 0.00	26.93 0.23 0.00	26.67 0.28 0.00	29.46 0.38 0.00	27.21 0.33 0.00	29.71 0.76 0.00	27.19 0.98 0.00	37.00 1.02 0.00	34.97 0.59 0.00	38.02 0.85 0.00	38.84 0.19 0.00	37.08 -0.13 0.00	29.00 0.02 0.00	27.21 -0.16 0.00	25.75 -0.37 0.00	24.89 -0.64 0.00
DUNKIRK___2 23564	20.51 -0.92 0.00	20.23 -1.00 0.00	19.30 -0.56 0.00	19.70 -0.61 0.00	20.99 -0.64 0.00	21.27 -0.87 0.00	20.16 -0.82 0.00	20.73 -0.83 0.00	22.81 -0.19 0.00	26.93 0.23 0.00	26.67 0.28 0.00	29.46 0.38 0.00	27.21 0.33 0.00	29.71 0.76 0.00	27.19 0.98 0.00	37.00 1.02 0.00	34.97 0.59 0.00	38.02 0.85 0.00	38.84 0.19 0.00	37.08 -0.13 0.00	29.00 0.02 0.00	27.21 -0.16 0.00	25.75 -0.37 0.00	24.89 -0.64 0.00
DUNKIRK___3 23565	20.53 -0.90 0.00	20.26 -0.97 0.00	19.29 -0.57 0.00	19.66 -0.65 0.00	21.00 -0.62 0.00	21.33 -0.82 0.00	20.22 -0.77 0.00	20.73 -0.82 0.00	22.70 -0.29 0.00	26.80 0.09 0.00	26.57 0.17 0.00	29.36 0.28 0.00	27.14 0.26 0.00	29.64 0.69 0.00	27.11 0.90 0.00	36.90 0.91 0.00	34.85 0.47 0.00	37.90 0.73 0.00	38.67 0.03 0.00	36.90 -0.32 0.00	28.88 -0.09 0.00	27.08 -0.30 0.00	25.63 -0.49 0.00	24.79 -0.75 0.00
DUNKIRK___4 23566	20.53 -0.90 0.00	20.26 -0.97 0.00	19.29 -0.57 0.00	19.66 -0.65 0.00	21.00 -0.62 0.00	21.33 -0.82 0.00	20.22 -0.77 0.00	20.73 -0.82 0.00	22.70 -0.29 0.00	26.80 0.09 0.00	26.57 0.17 0.00	29.36 0.28 0.00	27.14 0.26 0.00	29.64 0.69 0.00	27.11 0.90 0.00	36.90 0.91 0.00	34.85 0.47 0.00	37.90 0.73 0.00	38.67 0.03 0.00	36.90 -0.32 0.00	28.88 -0.09 0.00	27.08 -0.30 0.00	25.63 -0.49 0.00	24.79 -0.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.32 0.88 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.06 0.75 0.00	22.34 0.71 0.00	22.81 0.66 0.00	21.65 0.67 0.00	22.35 0.79 0.00	23.88 0.89 0.00	27.79 1.08 0.00	27.44 1.05 0.00	30.43 1.35 0.00	28.30 1.32 -0.10	30.51 1.51 -0.07	27.94 1.37 -0.36	38.07 1.84 -0.24	36.18 1.80 0.00	39.07 1.90 0.00	40.52 1.88 0.00	39.07 1.86 0.00	30.33 1.36 0.00	28.73 1.35 0.00	27.43 1.31 0.00	26.81 1.28 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.19 0.76 0.00	22.00 0.77 0.00	20.52 0.66 0.00	20.94 0.63 0.00	22.23 0.60 0.00	22.71 0.57 0.00	21.53 0.55 0.00	22.20 0.64 0.00	23.75 0.76 0.00	27.62 0.92 0.00	27.29 0.90 0.00	30.23 1.15 0.00	28.09 1.13 -0.08	30.29 1.30 -0.05	27.65 1.18 -0.27	37.81 1.64 -0.18	36.01 1.63 0.00	38.93 1.76 0.00	40.38 1.74 0.00	38.91 1.70 0.00	30.21 1.23 0.00	28.58 1.21 0.00	27.28 1.16 0.00	26.65 1.12 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	22.40 0.96 -0.01	22.19 0.96 -0.01	20.68 0.81 -0.01	21.12 0.81 0.00	22.34 0.71 0.00	22.89 0.74 0.00	21.72 0.73 0.00	22.43 0.87 0.00	23.94 0.95 0.00	27.84 1.14 0.00	27.53 1.14 0.00	30.51 1.43 0.00	28.39 1.40 -0.10	30.58 1.57 -0.07	28.03 1.46 -0.36	38.16 1.93 -0.24	36.26 1.89 0.00	39.14 1.96 0.00	40.64 1.99 0.00	39.18 1.98 0.00	30.41 1.44 0.00	28.80 1.43 0.00	27.52 1.40 0.00	26.87 1.34 0.00
E179THST_13_KV_LOAD 356214	22.50 1.07 -0.01	22.30 1.06 -0.01	20.78 0.91 -0.01	21.22 0.90 0.00	22.43 0.81 0.00	22.99 0.85 0.00	21.82 0.83 0.00	22.54 0.98 0.00	24.06 1.06 0.00	27.99 1.28 0.00	27.68 1.29 0.00	30.68 1.60 0.00	28.54 1.56 -0.10	30.75 1.74 -0.07	28.18 1.62 -0.36	38.37 2.15 -0.24	36.47 2.09 0.00	39.36 2.19 0.00	40.85 2.21 0.00	39.40 2.19 0.00	30.58 1.60 0.00	28.95 1.58 0.00	27.67 1.55 0.00	27.02 1.49 0.00
EAST HAMPTON___GT 23717	23.40 1.87 -0.11	23.06 1.83 0.00	21.51 1.65 0.00	21.78 1.47 0.00	22.88 1.25 0.00	23.54 1.39 0.00	22.55 1.57 0.00	23.29 1.73 0.00	24.93 1.93 0.00	29.21 2.51 0.00	34.64 2.80 -5.45	33.57 3.11 -1.38	33.83 2.93 -4.03	34.87 3.50 -2.43	34.76 3.17 -5.39	40.66 4.39 -0.29	38.45 4.07 0.00	41.69 4.51 0.00	43.42 4.78 0.00	41.77 4.56 0.00	32.32 3.34 0.00	30.43 3.06 0.00	30.19 3.13 -0.94	29.95 3.00 -1.42
EAST RIVER___6 23660	22.40 0.97 0.00	22.22 0.99 0.00	20.72 0.86 0.00	21.12 0.81 0.00	22.41 0.78 0.00	22.87 0.72 0.00	21.71 0.73 0.00	22.43 0.87 0.00	23.98 0.98 0.00	27.91 1.20 0.00	27.56 1.17 0.00	30.57 1.49 0.00	28.45 1.47 -0.10	30.69 1.68 -0.07	28.10 1.54 -0.36	38.25 2.03 -0.24	36.37 2.00 0.00	39.29 2.12 0.00	40.71 2.07 0.00	39.26 2.04 0.00	30.50 1.53 0.00	28.86 1.49 0.00	27.56 1.44 0.00	26.93 1.40 0.00
EAST RIVER___7 23524	22.40 0.97 0.00	22.22 0.99 0.00	20.72 0.86 0.00	21.12 0.81 0.00	22.41 0.78 0.00	22.87 0.72 0.00	21.71 0.73 0.00	22.43 0.87 0.00	23.98 0.98 0.00	27.91 1.20 0.00	27.56 1.17 0.00	30.57 1.49 0.00	28.45 1.47 -0.10	30.69 1.68 -0.07	28.10 1.54 -0.36	38.25 2.03 -0.24	36.37 2.00 0.00	39.29 2.12 0.00	40.71 2.07 0.00	39.26 2.04 0.00	30.50 1.53 0.00	28.86 1.49 0.00	27.56 1.44 0.00	26.93 1.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.27 0.84 0.00	22.09 0.86 0.00	20.61 0.74 0.00	21.02 0.71 0.00	22.29 0.66 0.00	22.77 0.63 0.00	21.61 0.63 0.00	22.29 0.73 0.00	23.83 0.84 0.00	27.72 1.02 0.00	27.39 0.99 0.00	30.35 1.27 0.00	28.23 1.24 -0.10	30.43 1.43 -0.07	27.87 1.31 -0.35	37.98 1.75 -0.24	36.09 1.72 0.00	38.99 1.82 0.00	40.44 1.80 0.00	38.99 1.78 0.00	30.26 1.29 0.00	28.66 1.28 0.00	27.37 1.25 0.00	26.75 1.21 0.00
EAST_HAMPTON___DIESEL 23722	23.40 1.87 -0.11	23.06 1.83 0.00	21.50 1.64 0.00	21.77 1.46 0.00	22.86 1.23 0.00	23.53 1.39 0.00	22.55 1.57 0.00	23.28 1.73 0.00	24.93 1.93 0.00	29.21 2.51 0.00	34.65 2.81 -5.45	33.58 3.12 -1.38	33.83 2.93 -4.03	34.88 3.51 -2.43	34.76 3.16 -5.39	40.67 4.40 -0.29	38.46 4.08 0.00	41.70 4.53 0.00	43.44 4.80 0.00	41.78 4.57 0.00	32.34 3.37 0.00	30.46 3.08 0.00	30.21 3.15 -0.94	29.96 3.01 -1.42
EAST_POINT___SOLAR 323840	22.73 1.30 0.00	22.44 1.21 0.00	20.98 1.12 0.00	21.46 1.15 0.00	22.89 1.26 0.00	23.50 1.35 0.00	22.23 1.25 0.00	22.81 1.25 0.00	24.35 1.35 0.00	28.00 1.30 0.00	27.43 1.04 0.00	31.01 1.93 0.00	28.72 1.90 0.06	30.45 1.56 0.04	27.67 1.68 0.22	38.51 2.67 0.15	37.01 2.64 0.00	39.96 2.79 0.00	41.41 2.76 0.00	40.03 2.81 0.00	31.21 2.24 0.00	29.48 2.11 0.00	28.03 1.91 0.00	27.29 1.76 0.00
EAST_PULASKI___ESR 323781	21.03 -0.40 0.00	20.78 -0.45 0.00	19.46 -0.40 0.00	19.89 -0.42 0.00	21.26 -0.36 0.00	21.86 -0.28 0.00	20.67 -0.31 0.00	21.17 -0.38 0.00	22.60 -0.39 0.00	26.23 -0.48 0.00	26.02 -0.38 0.00	28.72 -0.36 0.00	26.68 -0.20 0.00	28.81 -0.12 0.00	26.04 -0.17 0.00	35.85 -0.14 0.00	34.32 -0.06 0.00	37.10 -0.07 0.00	38.53 -0.12 0.00	37.14 -0.07 0.00	28.94 -0.03 0.00	27.31 -0.07 0.00	25.93 -0.19 0.00	25.24 -0.30 0.00
EAST_RIVER___1 323558	22.36 0.92 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.08 0.77 0.00	22.36 0.73 0.00	22.84 0.69 0.00	21.68 0.70 0.00	22.39 0.83 0.00	23.93 0.94 0.00	27.85 1.14 0.00	27.51 1.12 0.00	30.51 1.43 0.00	28.39 1.40 -0.10	30.61 1.60 -0.07	28.03 1.47 -0.36	38.18 1.96 -0.24	36.30 1.92 0.00	39.17 2.00 0.00	40.61 1.97 0.00	39.17 1.96 0.00	30.41 1.44 0.00	28.79 1.42 0.00	27.50 1.38 0.00	26.87 1.34 0.00
EAST_RIVER___2 323559	22.40 0.97 0.00	22.22 0.99 0.00	20.72 0.86 0.00	21.12 0.81 0.00	22.41 0.78 0.00	22.87 0.72 0.00	21.71 0.73 0.00	22.43 0.87 0.00	23.98 0.98 0.00	27.91 1.20 0.00	27.56 1.17 0.00	30.57 1.49 0.00	28.45 1.47 -0.10	30.69 1.68 -0.07	28.10 1.54 -0.36	38.25 2.03 -0.24	36.37 2.00 0.00	39.29 2.12 0.00	40.71 2.07 0.00	39.26 2.04 0.00	30.50 1.53 0.00	28.86 1.49 0.00	27.56 1.44 0.00	26.93 1.40 0.00
EAST___DELAWARE_HYD 23607	21.45 0.02 0.00	21.25 0.01 0.00	19.81 -0.05 0.00	20.22 -0.09 0.00	21.48 -0.15 0.00	21.94 -0.21 0.00	20.80 -0.18 0.00	21.49 -0.07 0.00	23.36 0.36 0.00	27.17 0.46 0.00	26.88 0.49 0.00	29.65 0.57 0.00	27.56 0.62 -0.06	29.70 0.72 -0.04	27.08 0.67 -0.20	37.22 1.10 -0.14	35.49 1.12 0.00	38.38 1.21 0.00	39.83 1.18 0.00	38.37 1.16 0.00	29.80 0.82 0.00	28.20 0.82 0.00	26.91 0.79 0.00	26.26 0.73 0.00
EIGHT_POINT___WT_PWR 323820	19.94 -1.49 0.00	19.66 -1.57 0.00	18.54 -1.32 0.00	18.54 -1.77 0.00	19.88 -1.75 0.00	20.75 -1.39 0.00	20.37 -0.61 0.00	20.87 -0.69 0.00	22.30 -0.69 0.00	26.78 0.07 0.00	27.17 0.78 0.00	30.23 1.15 0.00	27.65 0.77 0.00	30.40 1.46 0.00	27.47 1.27 0.00	37.65 1.66 0.00	35.62 1.24 0.00	38.49 1.32 0.00	40.24 1.59 0.00	39.33 2.12 0.00	31.24 2.27 0.00	29.07 1.69 0.00	27.65 1.53 0.00	26.67 1.14 0.00
ELBRIDGE_115KV_TB2 80188	21.27 -0.16 0.00	21.06 -0.17 0.00	19.73 -0.13 0.00	20.12 -0.18 0.00	21.49 -0.13 0.00	21.99 -0.15 0.00	20.86 -0.13 0.00	21.37 -0.19 0.00	22.83 -0.16 0.00	26.54 -0.16 0.00	26.25 -0.14 0.00	28.99 -0.09 0.00	26.85 -0.04 0.00	29.02 0.08 0.00	26.30 0.09 0.00	36.09 0.10 0.00	34.42 0.05 0.00	37.30 0.13 0.00	38.62 -0.02 0.00	37.16 -0.05 0.00	28.97 0.00 0.00	27.25 -0.12 0.00	25.95 -0.17 0.00	25.30 -0.24 0.00
ELEC_TRO_TEK 24086	22.68 1.14 -0.11	22.38 1.15 0.00	20.87 1.01 0.00	21.26 0.95 0.00	22.50 0.87 0.00	23.02 0.87 0.00	21.89 0.91 0.00	22.57 1.02 0.00	24.10 1.10 0.00	28.06 1.35 0.00	33.25 1.42 -5.44	32.21 1.75 -1.38	32.60 1.69 -4.03	33.28 1.91 -2.43	33.34 1.74 -5.39	38.47 2.20 -0.29	36.34 1.96 0.00	39.29 2.11 0.00	40.78 2.14 0.00	39.33 2.12 0.00	30.51 1.53 0.00	28.94 1.57 0.00	28.72 1.66 -0.94	28.56 1.61 -1.42



ELLENBURG_WT_PWR 323604	20.87 -0.56 0.00	20.56 -0.67 0.00	19.17 -0.69 0.00	19.62 -0.70 0.00	21.03 -0.60 0.00	21.94 -0.20 0.00	20.67 -0.31 0.00	21.45 -0.10 0.00	22.83 -0.16 0.00	26.58 -0.13 0.00	26.53 0.14 0.00	29.18 0.10 0.00	26.90 0.02 0.00	28.69 -0.25 0.00	25.92 -0.29 0.00	35.75 -0.23 0.00	34.06 -0.31 0.00	36.68 -0.49 0.00	38.65 0.01 0.00	37.19 -0.03 0.00	28.97 0.00 0.00	27.52 0.14 0.00	26.26 0.14 0.00	25.65 0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.55 -0.88 0.00	20.27 -0.96 0.00	19.27 -0.59 0.00	19.57 -0.74 0.00	21.01 -0.62 0.00	21.41 -0.73 0.00	20.30 -0.69 0.00	20.72 -0.83 0.00	22.52 -0.48 0.00	26.59 -0.12 0.00	26.41 0.02 0.00	29.15 0.07 0.00	27.01 0.12 0.00	29.55 0.61 0.00	27.03 0.81 0.00	36.73 0.75 0.00	34.62 0.24 0.00	37.66 0.49 0.00	38.26 -0.38 0.00	36.44 -0.77 0.00	28.59 -0.38 0.00	26.75 -0.62 0.00	25.32 -0.80 0.00	24.46 -1.07 0.00
EMPIRE_CC_1 323656	21.78 0.35 0.00	21.70 0.46 0.00	20.25 0.38 0.00	20.73 0.41 0.00	22.02 0.39 0.00	22.50 0.35 0.00	21.30 0.31 0.00	21.85 0.29 0.00	23.21 0.22 0.00	26.84 0.14 0.00	26.35 -0.04 0.00	29.09 0.01 0.00	26.78 0.08 0.18	28.98 0.15 0.11	25.65 0.04 0.60	35.69 0.12 0.41	34.65 0.27 0.00	37.49 0.32 0.00	39.01 0.37 0.00	37.62 0.41 0.00	29.19 0.21 0.00	27.64 0.27 0.00	26.34 0.22 0.00	25.74 0.21 0.00
EMPIRE_CC_2 323658	21.78 0.35 0.00	21.70 0.46 0.00	20.25 0.38 0.00	20.73 0.41 0.00	22.02 0.39 0.00	22.50 0.35 0.00	21.30 0.31 0.00	21.85 0.29 0.00	23.21 0.22 0.00	26.84 0.14 0.00	26.35 -0.04 0.00	29.09 0.01 0.00	26.78 0.08 0.18	28.98 0.15 0.11	25.65 0.04 0.60	35.69 0.12 0.41	34.65 0.27 0.00	37.49 0.32 0.00	39.01 0.37 0.00	37.62 0.41 0.00	29.19 0.21 0.00	27.64 0.27 0.00	26.34 0.22 0.00	25.74 0.21 0.00
ENORWICH_115KV_TB1 80156	22.12 0.69 0.00	21.76 0.53 0.00	20.57 0.71 0.00	20.91 0.59 0.00	22.42 0.79 0.00	22.94 0.80 0.00	21.78 0.80 0.00	22.49 0.94 0.00	24.10 1.10 0.00	28.23 1.53 0.00	28.00 1.61 0.00	30.98 1.90 0.00	28.66 1.78 0.00	30.90 1.96 0.00	28.09 1.88 0.00	38.34 2.35 0.00	36.80 2.43 0.00	39.94 2.77 0.00	41.47 2.82 0.00	39.91 2.70 0.00	31.31 2.33 0.00	29.41 2.04 0.00	27.76 1.64 0.00	27.04 1.51 0.00
ERIE_ST_34_KV_TB1-2 80199	20.79 -0.64 0.00	20.50 -0.73 0.00	19.44 -0.42 0.00	19.74 -0.57 0.00	21.20 -0.43 0.00	21.60 -0.55 0.00	20.48 -0.51 0.00	20.92 -0.64 0.00	22.73 -0.27 0.00	26.84 0.13 0.00	26.65 0.26 0.00	29.46 0.38 0.00	27.31 0.43 0.00	29.86 0.92 0.00	27.32 1.12 0.00	37.13 1.15 0.00	35.03 0.65 0.00	38.14 0.97 0.00	38.78 0.14 0.00	36.93 -0.28 0.00	28.94 -0.04 0.00	27.07 -0.30 0.00	25.63 -0.49 0.00	24.75 -0.78 0.00
ERIE_WT_PWR 323693	20.64 -0.80 0.00	20.35 -0.89 0.00	19.33 -0.53 0.00	19.66 -0.65 0.00	21.08 -0.55 0.00	21.50 -0.64 0.00	20.39 -0.60 0.00	20.80 -0.76 0.00	22.62 -0.38 0.00	26.72 0.02 0.00	26.54 0.14 0.00	29.30 0.22 0.00	27.12 0.24 0.00	29.67 0.73 0.00	27.16 0.95 0.00	36.90 0.91 0.00	34.79 0.41 0.00	37.84 0.67 0.00	38.48 -0.16 0.00	36.68 -0.53 0.00	28.77 -0.20 0.00	26.93 -0.44 0.00	25.48 -0.64 0.00	24.60 -0.93 0.00
ESPRGFLD_115KV_TB1 80157	22.26 0.83 0.00	21.95 0.71 0.00	20.56 0.70 0.00	21.05 0.74 0.00	22.44 0.82 0.00	23.04 0.90 0.00	21.80 0.82 0.00	22.42 0.87 0.00	24.03 1.04 0.00	28.07 1.36 0.00	27.88 1.48 0.00	30.90 1.82 0.00	28.52 1.68 0.04	30.67 1.75 0.03	27.81 1.74 0.13	38.23 2.33 0.09	36.43 2.06 0.00	39.40 2.23 0.00	40.85 2.21 0.00	39.32 2.11 0.00	30.65 1.68 0.00	28.94 1.57 0.00	27.54 1.42 0.00	26.81 1.28 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.62 0.19 0.00	21.37 0.13 0.00	20.03 0.17 0.00	20.45 0.14 0.00	21.83 0.21 0.00	22.32 0.17 0.00	21.18 0.20 0.00	21.78 0.22 0.00	23.30 0.30 0.00	27.17 0.46 0.00	26.89 0.50 0.00	29.78 0.70 0.00	27.55 0.67 0.00	29.73 0.79 0.00	27.07 0.86 0.00	37.05 1.06 0.00	35.39 1.01 0.00	38.33 1.16 0.00	39.76 1.12 0.00	38.27 1.06 0.00	29.89 0.92 0.00	28.14 0.76 0.00	26.70 0.57 0.00	25.98 0.45 0.00
ETNA____115KV_TB2 80207	21.62 0.19 0.00	21.37 0.13 0.00	20.03 0.17 0.00	20.45 0.14 0.00	21.83 0.21 0.00	22.32 0.17 0.00	21.18 0.20 0.00	21.78 0.22 0.00	23.30 0.30 0.00	27.17 0.46 0.00	26.89 0.50 0.00	29.78 0.70 0.00	27.55 0.67 0.00	29.73 0.79 0.00	27.07 0.86 0.00	37.05 1.06 0.00	35.39 1.01 0.00	38.33 1.16 0.00	39.76 1.12 0.00	38.27 1.06 0.00	29.89 0.92 0.00	28.14 0.76 0.00	26.70 0.57 0.00	25.98 0.45 0.00
EUCLID____115KV_TB2 356179	21.18 -0.25 0.00	20.97 -0.26 0.00	19.64 -0.22 0.00	20.06 -0.24 0.00	21.40 -0.22 0.00	21.88 -0.26 0.00	20.75 -0.24 0.00	21.28 -0.28 0.00	22.70 -0.30 0.00	26.36 -0.35 0.00	26.08 -0.31 0.00	28.80 -0.28 0.00	26.67 -0.21 0.00	28.82 -0.12 0.00	26.16 -0.05 0.00	35.85 -0.14 0.00	34.22 -0.16 0.00	37.08 -0.09 0.00	38.39 -0.25 0.00	36.91 -0.30 0.00	28.76 -0.21 0.00	27.13 -0.25 0.00	25.80 -0.32 0.00	25.16 -0.38 0.00
E_CANADA_CAP_HY 24051	22.57 1.13 0.00	22.26 1.03 0.00	20.84 0.98 0.00	21.32 1.01 0.00	22.74 1.12 0.00	23.37 1.23 0.00	22.11 1.13 0.00	22.71 1.15 0.00	24.28 1.29 0.00	28.23 1.52 0.00	27.92 1.53 0.00	31.07 1.99 0.00	28.70 1.88 0.06	30.73 1.82 0.04	27.83 1.81 0.20	38.44 2.59 0.13	36.66 2.29 0.00	39.59 2.42 0.00	41.09 2.44 0.00	39.61 2.40 0.00	30.89 1.92 0.00	29.21 1.84 0.00	27.82 1.70 0.00	27.10 1.57 0.00
E_CANADA_MHWK_HY 24050	21.43 0.00 0.00	21.32 0.08 0.00	19.93 0.07 0.00	20.39 0.08 0.00	21.65 0.02 0.00	22.03 -0.11 0.00	20.92 -0.06 0.00	21.55 0.00 0.00	22.87 -0.13 0.00	26.34 -0.36 0.00	25.74 -0.65 0.00	28.78 -0.30 0.00	26.78 -0.10 0.00	28.69 -0.25 0.00	25.90 -0.31 0.00	35.89 -0.10 0.00	34.48 0.10 0.00	37.30 0.13 0.00	38.81 0.16 0.00	37.50 0.28 0.00	29.14 0.16 0.00	27.55 0.18 0.00	26.27 0.15 0.00	25.62 0.09 0.00
E_FISHKILL____LBMP 23776	22.12 0.69 0.00	21.96 0.72 0.00	20.47 0.61 0.00	20.90 0.59 0.00	22.18 0.55 0.00	22.66 0.51 0.00	21.49 0.50 0.00	22.15 0.59 0.00	23.66 0.66 0.00	27.50 0.79 0.00	27.14 0.74 0.00	30.06 0.98 0.00	27.96 0.97 -0.11	30.13 1.12 -0.07	27.59 1.01 -0.37	37.61 1.38 -0.25	35.76 1.38 0.00	38.65 1.48 0.00	40.12 1.48 0.00	38.68 1.47 0.00	30.02 1.05 0.00	28.42 1.04 0.00	27.13 1.01 0.00	26.51 0.98 0.00
FALCON____SEABRD_CC1 323796	21.10 -0.33 0.00	20.80 -0.43 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.20 -0.43 0.00	22.12 -0.03 0.00	20.91 -0.06 0.00	21.68 0.13 0.00	23.10 0.11 0.00	26.83 0.12 0.00	26.79 0.40 0.00	29.48 0.40 0.00	27.24 0.36 0.00	29.03 0.09 0.00	26.23 0.02 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.09 -0.08 0.00	39.07 0.42 0.00	37.61 0.40 0.00	29.28 0.31 0.00	27.87 0.49 0.00	26.55 0.42 0.00	25.92 0.39 0.00



FALCON___SEABRD_CC2 323797	21.10 -0.33 0.00	20.80 -0.43 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.20 -0.43 0.00	22.12 -0.03 0.00	20.91 -0.06 0.00	21.68 0.13 0.00	23.10 0.11 0.00	26.83 0.12 0.00	26.79 0.40 0.00	29.48 0.40 0.00	27.24 0.36 0.00	29.03 0.09 0.00	26.23 0.02 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.09 -0.08 0.00	39.07 0.42 0.00	37.61 0.40 0.00	29.28 0.31 0.00	27.87 0.49 0.00	26.55 0.42 0.00	25.92 0.39 0.00
FAR ROCKAWAY___4 23548	22.98 1.45 -0.11	22.67 1.44 0.00	21.13 1.27 0.00	21.53 1.22 0.00	22.79 1.16 0.00	23.31 1.16 0.00	22.17 1.19 0.00	22.87 1.31 0.00	24.43 1.44 0.00	28.45 1.74 0.00	33.70 1.86 -5.44	32.71 2.25 -1.38	33.06 2.16 -4.03	33.81 2.44 -2.43	33.86 2.27 -5.39	39.21 2.94 -0.29	37.04 2.66 0.00	40.02 2.85 0.00	41.50 2.86 0.00	40.00 2.78 0.00	31.00 2.03 0.00	29.44 2.07 0.00	29.16 2.10 -0.94	28.98 2.04 -1.42
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.36 0.93 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.08 0.77 0.00	22.36 0.73 0.00	22.84 0.69 0.00	21.68 0.70 0.00	22.39 0.83 0.00	23.94 0.94 0.00	27.85 1.14 0.00	27.52 1.13 0.00	30.51 1.44 0.00	28.39 1.40 -0.10	30.61 1.60 -0.07	28.03 1.47 -0.36	38.18 1.96 -0.24	36.29 1.91 0.00	39.16 1.99 0.00	40.61 1.97 0.00	39.16 1.96 0.00	30.41 1.44 0.00	28.79 1.42 0.00	27.51 1.39 0.00	26.87 1.34 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.38 0.95 0.00	22.19 0.96 0.00	20.70 0.84 0.00	21.10 0.80 0.00	22.38 0.75 0.00	22.86 0.71 0.00	21.70 0.72 0.00	22.41 0.85 0.00	23.96 0.96 0.00	27.88 1.17 0.00	27.54 1.15 0.00	30.54 1.46 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.06 1.49 -0.36	38.23 2.00 -0.24	36.33 1.96 0.00	39.21 2.04 0.00	40.65 2.01 0.00	39.21 2.00 0.00	30.45 1.47 0.00	28.83 1.46 0.00	27.54 1.42 0.00	26.90 1.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.35 0.92 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.08 0.77 0.00	22.36 0.73 0.00	22.84 0.69 0.00	21.68 0.70 0.00	22.39 0.83 0.00	23.93 0.94 0.00	27.85 1.14 0.00	27.51 1.12 0.00	30.51 1.43 0.00	28.39 1.40 -0.10	30.60 1.60 -0.07	28.03 1.46 -0.36	38.18 1.95 -0.24	36.28 1.90 0.00	39.16 1.99 0.00	40.61 1.96 0.00	39.15 1.94 0.00	30.41 1.43 0.00	28.78 1.41 0.00	27.50 1.38 0.00	26.87 1.34 0.00
FARRAGUT___LBMP 323566	22.34 0.91 0.00	22.15 0.92 0.00	20.67 0.80 0.00	21.07 0.76 0.00	22.35 0.72 0.00	22.82 0.68 0.00	21.67 0.69 0.00	22.37 0.81 0.00	23.92 0.92 0.00	27.82 1.12 0.00	27.49 1.10 0.00	30.48 1.40 0.00	28.36 1.38 -0.10	30.58 1.57 -0.07	28.01 1.44 -0.36	38.15 1.92 -0.24	36.25 1.87 0.00	39.13 1.96 0.00	40.57 1.93 0.00	39.12 1.91 0.00	30.38 1.40 0.00	28.76 1.39 0.00	27.48 1.36 0.00	26.85 1.32 0.00
FENNER___WINDPWR 24204	21.54 0.11 0.00	21.30 0.07 0.00	19.93 0.07 0.00	20.38 0.07 0.00	21.75 0.12 0.00	22.28 0.13 0.00	21.15 0.17 0.00	21.75 0.19 0.00	23.19 0.20 0.00	26.97 0.26 0.00	26.75 0.36 0.00	29.61 0.52 0.00	27.38 0.50 0.00	29.57 0.62 0.00	26.82 0.61 0.00	36.74 0.76 0.00	35.11 0.73 0.00	38.00 0.83 0.00	39.46 0.81 0.00	38.10 0.89 0.00	29.69 0.71 0.00	28.00 0.62 0.00	26.60 0.48 0.00	25.93 0.40 0.00
FIBERTEK___ENERGY 23856	21.36 -0.07 0.00	21.14 -0.09 0.00	19.80 -0.06 0.00	20.22 -0.09 0.00	21.59 -0.04 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.49 -0.07 0.00	22.94 -0.06 0.00	26.66 -0.05 0.00	26.38 -0.02 0.00	29.14 0.06 0.00	26.98 0.10 0.00	29.16 0.22 0.00	26.45 0.24 0.00	36.27 0.29 0.00	34.63 0.25 0.00	37.51 0.34 0.00	38.85 0.21 0.00	37.38 0.17 0.00	29.13 0.16 0.00	27.43 0.06 0.00	26.10 -0.02 0.00	25.44 -0.09 0.00
FITZPATRICK____ 23598	20.94 -0.49 0.00	20.73 -0.50 0.00	19.42 -0.44 0.00	19.84 -0.47 0.00	21.16 -0.48 0.00	21.64 -0.50 0.00	20.52 -0.47 0.00	21.03 -0.53 0.00	22.41 -0.58 0.00	25.99 -0.72 0.00	25.70 -0.69 0.00	28.36 -0.72 0.00	26.26 -0.62 0.00	28.35 -0.59 0.00	25.71 -0.50 0.00	35.25 -0.73 0.00	33.65 -0.72 0.00	36.45 -0.73 0.00	37.75 -0.89 0.00	36.33 -0.89 0.00	28.30 -0.67 0.00	26.68 -0.69 0.00	25.42 -0.70 0.00	24.81 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	22.82 1.28 -0.11	22.51 1.28 0.00	21.00 1.14 0.00	21.38 1.07 0.00	22.56 0.93 0.00	23.13 0.98 0.00	22.04 1.06 0.00	22.72 1.17 0.00	24.23 1.24 0.00	28.26 1.55 0.00	33.48 1.65 -5.44	32.49 2.03 -1.38	32.87 1.96 -4.03	33.61 2.24 -2.43	33.71 2.12 -5.39	38.96 2.69 -0.29	36.56 2.18 0.00	39.66 2.49 0.00	41.39 2.75 0.00	39.87 2.66 0.00	30.82 1.85 0.00	29.21 1.84 0.00	29.00 1.94 -0.94	28.78 1.83 -1.42
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.38 0.95 0.00	22.20 0.97 0.00	20.70 0.84 0.00	21.12 0.81 0.00	22.42 0.80 0.00	22.91 0.77 0.00	21.73 0.75 0.00	22.41 0.85 0.00	23.97 0.98 0.00	27.88 1.17 0.00	27.54 1.15 0.00	30.52 1.44 0.00	28.37 1.40 -0.08	30.58 1.59 -0.05	27.94 1.45 -0.28	38.20 2.02 -0.19	36.40 2.02 0.00	39.33 2.16 0.00	40.82 2.18 0.00	39.33 2.12 0.00	30.54 1.56 0.00	28.88 1.50 0.00	27.54 1.42 0.00	26.89 1.35 0.00
FORT ORANGE____ 23900	21.77 0.34 0.00	21.64 0.41 0.00	20.23 0.36 0.00	20.70 0.39 0.00	21.98 0.36 0.00	22.46 0.32 0.00	21.29 0.31 0.00	21.88 0.32 0.00	23.25 0.26 0.00	26.86 0.15 0.00	26.43 0.04 0.00	29.23 0.15 0.00	26.96 0.16 0.08	29.17 0.29 0.05	26.12 0.20 0.29	36.05 0.27 0.20	34.89 0.51 0.00	37.81 0.64 0.00	39.33 0.69 0.00	37.91 0.70 0.00	29.42 0.44 0.00	27.81 0.44 0.00	26.49 0.37 0.00	25.87 0.34 0.00
FORT_DRUM_COGEN 23780	20.79 -0.64 0.00	20.45 -0.78 0.00	19.15 -0.71 0.00	19.66 -0.65 0.00	21.18 -0.45 0.00	22.07 -0.07 0.00	20.75 -0.23 0.00	21.23 -0.33 0.00	22.79 -0.20 0.00	26.41 -0.30 0.00	26.28 -0.11 0.00	29.00 -0.08 0.00	27.18 0.30 0.00	29.34 0.39 0.00	26.35 0.14 0.00	36.50 0.52 0.00	35.19 0.81 0.00	37.78 0.61 0.00	39.58 0.94 0.00	38.37 1.16 0.00	29.91 0.94 0.00	28.21 0.84 0.00	26.55 0.43 0.00	25.74 0.21 0.00
FOX_HILLS___ESR 323835	44.04 1.00 -21.61	38.18 1.02 -15.94	37.91 0.92 -17.13	31.44 0.87 -10.27	23.64 0.81 -1.21	22.94 0.78 -0.02	36.55 0.78 -14.78	37.94 0.90 -15.48	38.01 0.99 -14.03	38.49 1.19 -10.59	38.83 1.18 -11.25	39.04 1.51 -8.45	38.48 1.47 -10.13	38.35 1.66 -7.75	38.77 1.54 -11.03	39.62 2.03 -1.61	38.91 1.99 -2.55	39.23 2.05 0.00	40.69 2.05 0.00	39.29 2.07 -0.01	38.82 1.53 -8.31	39.06 1.51 -10.18	55.34 1.48 -27.74	71.34 1.44 -44.37
FPL FAR_ROCK_GT1 24212	22.99 1.45 -0.11	22.67 1.44 0.00	21.14 1.27 0.00	21.53 1.22 0.00	22.78 1.16 0.00	23.30 1.16 0.00	22.17 1.19 0.00	22.87 1.31 0.00	24.43 1.43 0.00	28.45 1.74 0.00	33.70 1.86 -5.45	32.71 2.25 -1.38	33.06 2.16 -4.03	33.81 2.44 -2.43	33.86 2.26 -5.39	39.21 2.94 -0.29	37.03 2.66 0.00	40.01 2.84 0.00	41.50 2.86 0.00	40.00 2.78 0.00	31.00 2.03 0.00	29.44 2.06 0.00	29.16 2.10 -0.94	28.98 2.03 -1.42



FPL FAR_ROCK_GT2 23815	22.99 1.45 -0.11	22.67 1.44 0.00	21.14 1.27 0.00	21.53 1.22 0.00	22.78 1.16 0.00	23.30 1.16 0.00	22.17 1.19 0.00	22.87 1.31 0.00	24.43 1.43 0.00	28.45 1.74 0.00	33.70 1.86 -5.45	32.71 2.25 -1.38	33.06 2.16 -4.03	33.81 2.44 -2.43	33.86 2.26 -5.39	39.21 2.94 -0.29	37.03 2.66 0.00	40.01 2.84 0.00	41.50 2.86 0.00	40.00 2.78 0.00	31.00 2.03 0.00	29.44 2.06 0.00	29.16 2.10 -0.94	28.98 2.03 -1.42
FRANKLIN_FALL_HYD 24054	20.99 -0.44 0.00	20.69 -0.54 0.00	19.33 -0.53 0.00	19.83 -0.48 0.00	21.23 -0.40 0.00	22.09 -0.05 0.00	20.84 -0.14 0.00	21.56 0.01 0.00	23.02 0.03 0.00	26.85 0.14 0.00	26.79 0.40 0.00	29.47 0.39 0.00	27.17 0.29 0.00	29.00 0.06 0.00	26.18 -0.03 0.00	36.10 0.12 0.00	34.37 -0.01 0.00	37.00 -0.17 0.00	38.96 0.32 0.00	37.50 0.29 0.00	29.25 0.28 0.00	27.74 0.36 0.00	26.44 0.32 0.00	25.79 0.26 0.00
FREEPORT_EQUS_GT1 23764	22.84 1.30 -0.11	22.53 1.30 0.00	21.01 1.15 0.00	21.39 1.08 0.00	22.62 0.99 0.00	23.14 1.00 0.00	22.03 1.05 0.00	22.72 1.16 0.00	24.25 1.25 0.00	28.25 1.55 0.00	33.49 1.65 -5.45	32.46 2.00 -1.38	32.83 1.92 -4.03	33.55 2.18 -2.43	33.60 2.00 -5.39	38.81 2.54 -0.29	36.65 2.27 0.00	39.63 2.46 0.00	41.14 2.50 0.00	39.67 2.46 0.00	30.77 1.79 0.00	29.17 1.80 0.00	28.97 1.91 -0.94	28.81 1.86 -1.42
FREEPORT___CT2 23818	22.84 1.30 -0.11	22.53 1.30 0.00	21.01 1.15 0.00	21.39 1.08 0.00	22.62 0.99 0.00	23.14 1.00 0.00	22.03 1.05 0.00	22.72 1.16 0.00	24.25 1.25 0.00	28.25 1.55 0.00	33.49 1.65 -5.45	32.46 2.00 -1.38	32.83 1.92 -4.03	33.55 2.18 -2.43	33.60 2.00 -5.39	38.81 2.54 -0.29	36.65 2.27 0.00	39.63 2.46 0.00	41.14 2.50 0.00	39.67 2.46 0.00	30.77 1.79 0.00	29.17 1.80 0.00	28.97 1.91 -0.94	28.81 1.86 -1.42
FRESHKLS_33_KV_LOAD 356253	44.01 0.96 -21.61	38.14 0.97 -15.94	37.89 0.89 -17.13	31.41 0.84 -10.27	23.62 0.78 -1.21	22.91 0.75 -0.02	36.52 0.75 -14.78	37.90 0.86 -15.48	37.96 0.93 -14.03	38.42 1.12 -10.59	38.75 1.11 -11.25	39.05 1.43 -8.55	38.41 1.40 -10.13	38.29 1.60 -7.75	38.71 1.47 -11.03	39.54 1.94 -1.61	38.84 1.92 -2.55	39.16 1.99 0.00	40.62 1.98 0.00	39.25 2.03 -0.01	38.79 1.50 -8.31	39.02 1.46 -10.18	55.31 1.45 -27.74	71.33 1.42 -44.37
FULTON COGEN____ 23766	21.16 -0.27 0.00	20.94 -0.29 0.00	19.62 -0.25 0.00	20.04 -0.27 0.00	21.37 -0.26 0.00	21.85 -0.29 0.00	20.72 -0.26 0.00	21.25 -0.31 0.00	22.64 -0.35 0.00	26.28 -0.43 0.00	26.02 -0.37 0.00	28.71 -0.37 0.00	26.59 -0.29 0.00	28.72 -0.22 0.00	26.04 -0.16 0.00	35.73 -0.25 0.00	34.14 -0.23 0.00	36.98 -0.19 0.00	38.31 -0.34 0.00	36.87 -0.34 0.00	28.73 -0.24 0.00	27.06 -0.31 0.00	25.76 -0.36 0.00	25.12 -0.41 0.00
FULTON___LFGE 323630	22.58 1.15 0.00	22.32 1.09 0.00	20.86 1.00 0.00	21.34 1.03 0.00	22.74 1.11 0.00	23.32 1.18 0.00	22.07 1.09 0.00	22.65 1.10 0.00	24.16 1.16 0.00	27.97 1.26 0.00	27.43 1.03 0.00	30.73 1.65 0.00	28.47 1.65 0.07	30.36 1.46 0.04	27.45 1.46 0.22	38.15 2.32 0.15	36.63 2.25 0.00	39.56 2.39 0.00	41.11 2.47 0.00	39.66 2.45 0.00	30.89 1.92 0.00	29.19 1.82 0.00	27.79 1.67 0.00	27.06 1.53 0.00
G.F.CEMENT___DRP 24184	23.23 1.80 0.00	23.02 1.79 0.00	21.40 1.54 0.00	21.86 1.55 0.00	23.25 1.62 0.00	23.81 1.66 0.00	22.58 1.60 0.00	23.24 1.69 0.00	24.78 1.79 0.00	28.59 1.88 0.00	27.87 1.48 0.00	30.84 1.76 0.00	28.51 1.74 0.11	30.81 1.94 0.07	27.55 1.71 0.37	38.20 2.47 0.25	37.09 2.71 0.00	40.20 3.03 0.00	42.30 3.65 0.00	40.83 3.62 0.00	31.62 2.65 0.00	29.91 2.54 0.00	28.43 2.31 0.00	27.71 2.18 0.00
GARDENVILLE___LBMP 24039	20.57 -0.86 0.00	20.30 -0.93 0.00	19.28 -0.58 0.00	19.61 -0.71 0.00	21.02 -0.60 0.00	21.43 -0.71 0.00	20.31 -0.67 0.00	20.74 -0.81 0.00	22.55 -0.44 0.00	26.65 -0.05 0.00	26.47 0.07 0.00	29.22 0.14 0.00	27.06 0.18 0.00	29.60 0.66 0.00	27.08 0.86 0.00	36.81 0.82 0.00	34.70 0.32 0.00	37.74 0.57 0.00	38.38 -0.27 0.00	36.58 -0.63 0.00	28.69 -0.28 0.00	26.85 -0.52 0.00	25.41 -0.71 0.00	24.55 -0.99 0.00
GARDNVLA_35_KV_LD 355827	20.69 -0.74 0.00	20.40 -0.84 0.00	19.37 -0.49 0.00	19.68 -0.63 0.00	21.12 -0.51 0.00	21.53 -0.61 0.00	20.41 -0.57 0.00	20.83 -0.73 0.00	22.64 -0.36 0.00	26.75 0.05 0.00	26.58 0.19 0.00	29.36 0.27 0.00	27.19 0.31 0.00	29.76 0.82 0.00	27.22 1.01 0.00	37.02 1.04 0.00	34.90 0.52 0.00	37.95 0.78 0.00	38.57 -0.07 0.00	36.76 -0.46 0.00	28.82 -0.15 0.00	26.97 -0.40 0.00	25.51 -0.61 0.00	24.63 -0.90 0.00
GELCKHM___115KV_LOAD 80723	21.25 -0.18 0.00	21.03 -0.20 0.00	19.70 -0.16 0.00	20.12 -0.19 0.00	21.47 -0.16 0.00	21.96 -0.18 0.00	20.83 -0.16 0.00	21.36 -0.20 0.00	22.78 -0.21 0.00	26.47 -0.24 0.00	26.19 -0.20 0.00	28.93 -0.15 0.00	26.79 -0.09 0.00	28.95 0.01 0.00	26.26 0.06 0.00	36.01 0.02 0.00	34.37 -0.01 0.00	37.23 0.06 0.00	38.55 -0.09 0.00	37.08 -0.13 0.00	28.90 -0.07 0.00	27.24 -0.13 0.00	25.91 -0.21 0.00	25.26 -0.27 0.00
GENERAL___MILLS 23808	20.64 -0.79 0.00	20.35 -0.88 0.00	19.33 -0.53 0.00	19.64 -0.67 0.00	21.08 -0.55 0.00	21.50 -0.64 0.00	20.37 -0.61 0.00	20.79 -0.77 0.00	22.60 -0.39 0.00	26.70 0.00 0.00	26.52 0.13 0.00	29.29 0.20 0.00	27.12 0.24 0.00	29.67 0.73 0.00	27.15 0.94 0.00	36.91 0.92 0.00	34.79 0.41 0.00	37.85 0.68 0.00	38.47 -0.17 0.00	36.66 -0.55 0.00	28.76 -0.22 0.00	26.91 -0.46 0.00	25.46 -0.66 0.00	24.59 -0.94 0.00
GE_PLASTICS___DRP 24183	21.71 0.28 0.00	21.57 0.34 0.00	20.16 0.30 0.00	20.64 0.33 0.00	21.93 0.31 0.00	22.41 0.27 0.00	21.22 0.24 0.00	21.82 0.26 0.00	23.21 0.21 0.00	26.86 0.15 0.00	26.45 0.06 0.00	29.23 0.15 0.00	26.99 0.18 0.07	29.16 0.27 0.04	26.19 0.21 0.23	36.11 0.28 0.15	34.81 0.44 0.00	37.69 0.51 0.00	39.17 0.53 0.00	37.75 0.54 0.00	29.32 0.35 0.00	27.73 0.35 0.00	26.43 0.31 0.00	25.81 0.28 0.00
GILBOA___1 23756	21.77 0.33 0.00	21.60 0.37 0.00	20.20 0.34 0.00	20.78 0.47 0.00	22.10 0.47 0.00	22.53 0.39 0.00	21.24 0.26 0.00	21.84 0.28 0.00	23.29 0.30 0.00	27.03 0.32 0.00	26.67 0.27 0.00	29.49 0.41 0.00	27.31 0.42 0.00	29.46 0.52 0.00	26.67 0.46 0.00	36.63 0.64 0.00	35.06 0.68 0.00	37.92 0.74 0.00	39.37 0.73 0.00	37.94 0.73 0.00	29.48 0.51 0.00	27.88 0.50 0.00	26.58 0.46 0.00	25.97 0.43 0.00
GILBOA___2 23757	21.77 0.33 0.00	21.60 0.37 0.00	20.20 0.34 0.00	20.78 0.47 0.00	22.10 0.47 0.00	22.53 0.39 0.00	21.24 0.26 0.00	21.84 0.28 0.00	23.29 0.30 0.00	27.03 0.32 0.00	26.67 0.27 0.00	29.49 0.41 0.00	27.31 0.42 0.00	29.46 0.52 0.00	26.67 0.46 0.00	36.63 0.64 0.00	35.06 0.68 0.00	37.92 0.74 0.00	39.37 0.73 0.00	37.94 0.73 0.00	29.48 0.51 0.00	27.88 0.50 0.00	26.58 0.46 0.00	25.97 0.43 0.00



GILBOA___3 23758	21.77 0.33 0.00	21.60 0.37 0.00	20.20 0.34 0.00	20.78 0.47 0.00	22.10 0.47 0.00	22.53 0.39 0.00	21.24 0.26 0.00	21.84 0.28 0.00	23.29 0.30 0.00	27.03 0.32 0.00	26.67 0.27 0.00	29.49 0.41 0.00	27.31 0.42 0.00	29.46 0.52 0.00	26.67 0.46 0.00	36.63 0.64 0.00	35.06 0.68 0.00	37.92 0.74 0.00	39.37 0.73 0.00	37.94 0.73 0.00	29.48 0.51 0.00	27.88 0.50 0.00	26.58 0.46 0.00	25.97 0.43 0.00
GILBOA___4 23759	21.77 0.33 0.00	21.60 0.37 0.00	20.20 0.34 0.00	20.78 0.47 0.00	22.10 0.47 0.00	22.53 0.39 0.00	21.24 0.26 0.00	21.84 0.28 0.00	23.29 0.30 0.00	27.03 0.32 0.00	26.67 0.27 0.00	29.49 0.41 0.00	27.31 0.42 0.00	29.46 0.52 0.00	26.67 0.46 0.00	36.63 0.64 0.00	35.06 0.68 0.00	37.92 0.74 0.00	39.37 0.73 0.00	37.94 0.73 0.00	29.48 0.51 0.00	27.88 0.50 0.00	26.58 0.46 0.00	25.97 0.43 0.00
GILBOA___ 23599	21.77 0.33 0.00	21.61 0.37 0.00	20.20 0.34 0.00	20.78 0.47 0.00	22.10 0.47 0.00	22.53 0.39 0.00	21.24 0.26 0.00	21.84 0.28 0.00	23.30 0.30 0.00	27.03 0.32 0.00	26.67 0.27 0.00	29.49 0.41 0.00	27.31 0.42 0.00	29.46 0.52 0.00	26.68 0.47 0.00	36.63 0.64 0.00	35.06 0.68 0.00	37.92 0.75 0.00	39.37 0.73 0.00	37.94 0.73 0.00	29.49 0.51 0.00	27.88 0.51 0.00	26.58 0.46 0.00	25.97 0.43 0.00
GINNA___ 23603	20.36 -1.07 0.00	20.11 -1.13 0.00	18.94 -0.92 0.00	19.27 -1.05 0.00	20.60 -1.03 0.00	21.05 -1.09 0.00	19.96 -1.02 0.00	20.44 -1.11 0.00	21.98 -1.02 0.00	25.74 -0.96 0.00	25.54 -0.85 0.00	28.18 -0.89 0.00	26.20 -0.69 0.00	28.50 -0.44 0.00	25.98 -0.24 0.00	35.42 -0.57 0.00	33.62 -0.76 0.00	36.55 -0.62 0.00	37.52 -1.13 0.00	35.85 -1.36 0.00	28.01 -0.97 0.00	26.24 -1.14 0.00	24.87 -1.25 0.00	24.11 -1.42 0.00
GLEN PARK___ 23778	20.92 -0.51 0.00	20.56 -0.67 0.00	19.26 -0.60 0.00	19.77 -0.54 0.00	21.29 -0.34 0.00	22.18 0.03 0.00	20.86 -0.12 0.00	21.35 -0.21 0.00	22.92 -0.07 0.00	26.57 -0.14 0.00	26.46 0.06 0.00	29.23 0.15 0.00	27.36 0.47 0.00	29.50 0.55 0.00	26.48 0.27 0.00	36.75 0.76 0.00	35.45 1.07 0.00	38.05 0.88 0.00	39.84 1.20 0.00	38.63 1.42 0.00	30.14 1.16 0.00	28.41 1.03 0.00	26.72 0.60 0.00	25.88 0.35 0.00
GLENDALE_27_KV_LOAD 356172	22.52 1.08 -0.01	22.33 1.10 -0.01	20.83 0.97 -0.01	21.24 0.92 0.00	22.49 0.86 0.00	22.99 0.84 0.00	21.84 0.85 0.00	22.54 0.98 0.00	24.09 1.09 0.00	28.04 1.33 0.00	27.72 1.33 0.00	30.94 1.66 -0.20	28.60 1.61 -0.10	30.82 1.82 -0.07	28.24 1.67 -0.36	38.46 2.23 -0.24	36.56 2.18 0.00	39.41 2.24 0.00	40.87 2.23 0.00	39.43 2.22 0.00	30.63 1.66 0.00	29.01 1.63 0.00	27.70 1.58 0.00	27.05 1.52 0.00
GLENWOOD_IC_1_G5 23712	22.79 1.25 -0.11	22.48 1.25 0.00	20.96 1.10 0.00	21.36 1.05 0.00	22.59 0.96 0.00	23.11 0.96 0.00	21.99 1.01 0.00	22.68 1.13 0.00	24.22 1.23 0.00	28.22 1.51 0.00	33.43 1.59 -5.44	32.41 1.95 -1.38	32.79 1.88 -4.03	33.48 2.11 -2.43	33.42 1.82 -5.39	38.44 2.17 -0.29	36.32 1.94 0.00	39.29 2.11 0.00	40.80 2.16 0.00	39.62 2.41 0.00	30.72 1.74 0.00	29.13 1.76 0.00	28.88 1.83 -0.94	28.72 1.77 -1.42
GLENWOOD_IC_2_G1 23688	22.73 1.19 -0.11	22.42 1.19 0.00	20.91 1.05 0.00	21.30 0.99 0.00	22.54 0.91 0.00	23.06 0.92 0.00	21.94 0.96 0.00	22.63 1.08 0.00	24.16 1.17 0.00	28.14 1.43 0.00	33.34 1.50 -5.45	32.31 1.85 -1.38	32.69 1.78 -4.03	33.37 2.00 -2.43	33.41 1.81 -5.39	38.55 2.28 -0.29	36.42 2.04 0.00	39.38 2.21 0.00	40.89 2.25 0.00	39.50 2.29 0.00	30.62 1.65 0.00	29.04 1.67 0.00	28.80 1.74 -0.94	28.64 1.69 -1.42
GLENWOOD_IC_3_G1 23689	22.73 1.19 -0.11	22.42 1.19 0.00	20.91 1.05 0.00	21.30 0.99 0.00	22.54 0.91 0.00	23.06 0.92 0.00	21.94 0.96 0.00	22.63 1.08 0.00	24.16 1.17 0.00	28.14 1.43 0.00	33.34 1.50 -5.45	32.31 1.85 -1.38	32.69 1.78 -4.03	33.37 2.00 -2.43	33.41 1.81 -5.39	38.55 2.28 -0.29	36.42 2.04 0.00	39.38 2.21 0.00	40.89 2.25 0.00	39.50 2.29 0.00	30.62 1.65 0.00	29.04 1.67 0.00	28.80 1.74 -0.94	28.64 1.69 -1.42
GLENWOOD___4 23550	22.79 1.25 -0.11	22.48 1.25 0.00	20.96 1.10 0.00	21.36 1.05 0.00	22.59 0.96 0.00	23.11 0.96 0.00	21.99 1.01 0.00	22.68 1.13 0.00	24.22 1.23 0.00	28.22 1.51 0.00	33.43 1.59 -5.44	32.41 1.95 -1.38	32.79 1.88 -4.03	33.49 2.12 -2.43	33.46 1.86 -5.39	38.54 2.27 -0.29	36.41 2.04 0.00	39.38 2.21 0.00	40.89 2.25 0.00	39.62 2.41 0.00	30.72 1.74 0.00	29.13 1.76 0.00	28.88 1.83 -0.94	28.72 1.77 -1.42
GLENWOOD___5 23614	22.79 1.25 -0.11	22.48 1.25 0.00	20.96 1.10 0.00	21.36 1.05 0.00	22.59 0.96 0.00	23.11 0.96 0.00	21.99 1.01 0.00	22.68 1.13 0.00	24.22 1.23 0.00	28.22 1.51 0.00	33.43 1.59 -5.44	32.41 1.95 -1.38	32.79 1.88 -4.03	33.49 2.12 -2.43	33.46 1.86 -5.39	38.54 2.27 -0.29	36.41 2.04 0.00	39.38 2.21 0.00	40.89 2.25 0.00	39.62 2.41 0.00	30.72 1.74 0.00	29.13 1.76 0.00	28.88 1.83 -0.94	28.72 1.77 -1.42
GLOBAL GREEN_PORT_GT1 23814	23.35 1.81 -0.11	23.03 1.79 0.00	21.47 1.60 0.00	21.76 1.45 0.00	22.89 1.26 0.00	23.53 1.39 0.00	22.52 1.54 0.00	23.24 1.68 0.00	24.88 1.88 0.00	29.14 2.43 0.00	34.53 2.69 -5.45	33.51 3.05 -1.38	33.81 2.90 -4.03	34.81 3.44 -2.43	34.74 3.14 -5.39	40.61 4.34 -0.29	38.38 4.00 0.00	41.66 4.49 0.00	43.36 4.72 0.00	41.69 4.48 0.00	32.25 3.28 0.00	30.39 3.02 0.00	30.12 3.06 -0.94	29.84 2.90 -1.42
GLOBE___DSASP 323697	20.08 -1.36 0.00	19.82 -1.42 0.00	18.85 -1.01 0.00	19.12 -1.19 0.00	20.55 -1.08 0.00	20.97 -1.18 0.00	19.87 -1.11 0.00	20.25 -1.31 0.00	21.96 -1.04 0.00	25.92 -0.79 0.00	25.73 -0.66 0.00	28.38 -0.70 0.00	26.33 -0.56 0.00	28.85 -0.09 0.00	26.40 0.18 0.00	35.80 -0.19 0.00	33.66 -0.72 0.00	36.67 -0.51 0.00	37.14 -1.51 0.00	35.30 -1.91 0.00	27.73 -1.25 0.00	25.93 -1.45 0.00	24.57 -1.55 0.00	23.74 -1.80 0.00
GOETHSLN___LBMP 323567	22.24 0.81 0.00	22.06 0.83 0.00	20.58 0.72 0.00	20.98 0.66 0.00	22.25 0.62 0.00	22.73 0.58 0.00	21.56 0.58 0.00	22.26 0.71 0.00	23.80 0.81 0.00	27.69 0.98 0.00	27.35 0.95 0.00	30.32 1.24 0.00	28.20 1.21 -0.10	30.40 1.39 -0.07	27.85 1.29 -0.36	37.94 1.72 -0.24	36.05 1.68 0.00	38.92 1.75 0.00	40.35 1.70 0.00	38.89 1.68 0.00	30.21 1.23 0.00	28.61 1.23 0.00	27.33 1.21 0.00	26.73 1.20 0.00
GOLAH___69_KV_TB 1_2 80279	21.28 -0.15 0.00	21.02 -0.21 0.00	19.83 -0.03 0.00	20.15 -0.16 0.00	21.57 -0.05 0.00	22.02 -0.12 0.00	20.88 -0.11 0.00	21.36 -0.19 0.00	23.02 0.03 0.00	27.05 0.34 0.00	26.81 0.42 0.00	29.58 0.50 0.00	27.42 0.54 0.00	29.95 1.01 0.00	27.31 1.10 0.00	37.20 1.22 0.00	35.22 0.85 0.00	38.40 1.23 0.00	39.32 0.68 0.00	37.54 0.33 0.00	29.38 0.40 0.00	27.49 0.12 0.00	26.04 -0.08 0.00	25.20 -0.33 0.00



GOODYEAR_LAKE_HYD 323669	21.99 0.56 0.00	21.73 0.49 0.00	20.36 0.49 0.00	20.85 0.54 0.00	22.20 0.57 0.00	22.73 0.58 0.00	21.50 0.51 0.00	22.13 0.57 0.00	23.70 0.70 0.00	27.65 0.94 0.00	27.40 1.01 0.00	30.34 1.26 0.00	28.06 1.18 0.00	30.24 1.30 0.00	27.47 1.26 0.00	37.63 1.65 0.00	35.90 1.52 0.00	38.86 1.69 0.00	40.30 1.65 0.00	38.78 1.57 0.00	30.19 1.22 0.00	28.50 1.13 0.00	27.12 1.00 0.00	26.43 0.89 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.32 -0.11 0.00	21.10 -0.13 0.00	19.78 -0.08 0.00	20.21 -0.10 0.00	21.59 -0.04 0.00	22.02 -0.12 0.00	20.89 -0.10 0.00	21.47 -0.09 0.00	23.00 0.00 0.00	26.82 0.11 0.00	26.59 0.20 0.00	29.44 0.36 0.00	27.25 0.37 0.00	29.44 0.49 0.00	26.78 0.57 0.00	36.66 0.68 0.00	34.95 0.57 0.00	37.86 0.69 0.00	39.15 0.51 0.00	37.62 0.41 0.00	29.34 0.36 0.00	27.64 0.27 0.00	26.27 0.15 0.00	25.59 0.05 0.00
GOUDEY___7 23579	21.32 -0.11 0.00	21.10 -0.13 0.00	19.78 -0.08 0.00	20.21 -0.10 0.00	21.59 -0.04 0.00	22.02 -0.12 0.00	20.89 -0.10 0.00	21.47 -0.09 0.00	23.00 0.00 0.00	26.82 0.11 0.00	26.59 0.20 0.00	29.44 0.36 0.00	27.25 0.37 0.00	29.44 0.49 0.00	26.78 0.57 0.00	36.66 0.68 0.00	34.95 0.57 0.00	37.86 0.69 0.00	39.15 0.51 0.00	37.62 0.41 0.00	29.34 0.36 0.00	27.64 0.27 0.00	26.27 0.15 0.00	25.59 0.05 0.00
GOUDEY___8 23580	21.32 -0.11 0.00	21.10 -0.13 0.00	19.78 -0.08 0.00	20.21 -0.10 0.00	21.59 -0.04 0.00	22.02 -0.12 0.00	20.89 -0.10 0.00	21.47 -0.09 0.00	23.00 0.00 0.00	26.82 0.11 0.00	26.59 0.20 0.00	29.44 0.36 0.00	27.25 0.37 0.00	29.44 0.49 0.00	26.78 0.57 0.00	36.66 0.68 0.00	34.95 0.57 0.00	37.86 0.69 0.00	39.15 0.51 0.00	37.62 0.41 0.00	29.34 0.36 0.00	27.64 0.27 0.00	26.27 0.15 0.00	25.59 0.05 0.00
GOWANUS_GT1_1 24077	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT1_2 24078	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT1_3 24079	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT1_4 24080	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT1_5 24084	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT1_6 24111	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT1_7 24112	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT1_8 24113	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT2_1 24114	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT2_2 24115	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT2_3 24116	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37



GOWANUS_GT2_4 24117	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT2_5 24118	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT2_6 24119	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT2_7 24120	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT2_8 24121	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT3_1 24122	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT3_2 24123	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71



GOWANUS_GT4_3 24132	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT4_4 24133	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT4_5 24134	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT4_6 24135	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT4_7 24136	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GOWANUS_GT4_8 24137	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GREENBSH_115KV_TB3 55895	21.63 0.20 0.00	21.51 0.28 0.00	20.11 0.25 0.00	20.58 0.27 0.00	21.85 0.22 0.00	22.33 0.18 0.00	21.16 0.18 0.00	21.75 0.19 0.00	23.13 0.14 0.00	26.73 0.03 0.00	26.31 -0.09 0.00	29.08 0.00 0.00	26.83 0.04 0.09	29.01 0.13 0.06	25.95 0.05 0.31	35.88 0.11 0.21	34.66 0.28 0.00	37.52 0.35 0.00	39.02 0.37 0.00	37.61 0.40 0.00	29.19 0.21 0.00	27.61 0.23 0.00	26.31 0.18 0.00	25.70 0.17 0.00
GREENIDGE_115KV_TB5 80291	21.16 -0.27 0.00	20.89 -0.34 0.00	19.62 -0.24 0.00	19.99 -0.32 0.00	21.39 -0.24 0.00	21.89 -0.26 0.00	20.83 -0.15 0.00	21.38 -0.17 0.00	22.95 -0.04 0.00	26.96 0.25 0.00	26.68 0.28 0.00	29.66 0.58 0.00	27.41 0.53 0.00	29.75 0.81 0.00	27.11 0.90 0.00	36.88 0.89 0.00	35.18 0.80 0.00	37.89 0.72 0.00	39.27 0.63 0.00	37.80 0.59 0.00	29.82 0.84 0.00	27.95 0.58 0.00	26.42 0.29 0.00	25.60 0.06 0.00
GREENIDGE___3 23582	21.16 -0.27 0.00	20.89 -0.34 0.00	19.62 -0.24 0.00	19.99 -0.32 0.00	21.39 -0.24 0.00	21.89 -0.26 0.00	20.83 -0.15 0.00	21.38 -0.17 0.00	22.95 -0.04 0.00	26.96 0.25 0.00	26.68 0.28 0.00	29.66 0.58 0.00	27.41 0.53 0.00	29.75 0.81 0.00	27.11 0.90 0.00	36.88 0.89 0.00	35.18 0.80 0.00	37.89 0.72 0.00	39.27 0.63 0.00	37.80 0.59 0.00	29.82 0.84 0.00	27.95 0.58 0.00	26.42 0.29 0.00	25.60 0.06 0.00
GREENIDGE___4 23583	21.16 -0.27 0.00	20.89 -0.34 0.00	19.63 -0.24 0.00	19.99 -0.32 0.00	21.39 -0.24 0.00	21.89 -0.26 0.00	20.83 -0.15 0.00	21.38 -0.17 0.00	22.95 -0.04 0.00	26.96 0.25 0.00	26.68 0.28 0.00	29.66 0.58 0.00	27.41 0.53 0.00	29.75 0.81 0.00	27.11 0.90 0.00	36.87 0.88 0.00	35.18 0.81 0.00	37.89 0.72 0.00	39.28 0.63 0.00	37.80 0.59 0.00	29.82 0.84 0.00	27.95 0.58 0.00	26.42 0.29 0.00	25.60 0.06 0.00
GREENLWN_69_KV_BK 3 55738	22.75 1.22 -0.11	22.44 1.21 0.00	20.95 1.09 0.00	21.35 1.04 0.00	22.55 0.92 0.00	23.09 0.95 0.00	21.99 1.00 0.00	22.67 1.12 0.00	24.17 1.17 0.00	28.15 1.44 0.00	33.31 1.48 -5.44	32.27 1.81 -1.38	32.65 1.74 -4.03	33.30 1.93 -2.43	33.38 1.79 -5.39	38.42 2.15 -0.29	36.19 1.82 0.00	39.19 2.02 0.00	40.73 2.08 0.00	39.27 2.06 0.00	30.40 1.42 0.00	28.87 1.50 0.00	28.72 1.66 -0.94	28.58 1.63 -1.42
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
GRISSOM___SOLAR 323813	22.54 1.11 0.00	22.29 1.06 0.00	20.83 0.97 0.00	21.31 1.00 0.00	22.69 1.06 0.00	23.26 1.12 0.00	22.01 1.03 0.00	22.59 1.04 0.00	24.06 1.07 0.00	27.82 1.11 0.00	27.21 0.82 0.00	30.53 1.45 0.00	28.30 1.48 0.07	30.15 1.26 0.04	27.26 1.28 0.23	37.95 2.12 0.15	36.49 2.12 0.00	39.41 2.24 0.00	40.95 2.31 0.00	39.54 2.33 0.00	30.79 1.82 0.00	29.09 1.72 0.00	27.69 1.56 0.00	26.97 1.44 0.00
GROVEVILLE___HYD 323602	22.38 0.95 0.00	22.20 0.97 0.00	20.70 0.84 0.00	21.12 0.81 0.00	22.42 0.80 0.00	22.91 0.77 0.00	21.73 0.75 0.00	22.41 0.85 0.00	23.97 0.98 0.00	27.88 1.17 0.00	27.54 1.15 0.00	30.52 1.44 0.00	28.37 1.40 -0.08	30.58 1.59 -0.05	27.94 1.45 -0.28	38.20 2.02 -0.19	36.40 2.02 0.00	39.33 2.16 0.00	40.82 2.18 0.00	39.33 2.12 0.00	30.54 1.56 0.00	28.88 1.50 0.00	27.54 1.42 0.00	26.89 1.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.36 -0.07 0.00	21.14 -0.09 0.00	19.80 -0.06 0.00	20.22 -0.09 0.00	21.59 -0.04 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.49 -0.07 0.00	22.94 -0.06 0.00	26.66 -0.05 0.00	26.38 -0.02 0.00	29.14 0.06 0.00	26.98 0.10 0.00	29.16 0.22 0.00	26.45 0.24 0.00	36.27 0.29 0.00	34.63 0.25 0.00	37.51 0.34 0.00	38.85 0.21 0.00	37.38 0.17 0.00	29.13 0.16 0.00	27.43 0.06 0.00	26.10 -0.02 0.00	25.44 -0.09 0.00



HAMLTNNY_34_KV_TB 80303	21.40 -0.03 0.00	21.18 -0.05 0.00	19.85 -0.02 0.00	20.23 -0.08 0.00	21.62 -0.01 0.00	22.12 -0.02 0.00	20.98 -0.01 0.00	21.48 -0.07 0.00	22.97 -0.02 0.00	26.72 0.02 0.00	26.43 0.04 0.00	29.20 0.12 0.00	27.04 0.16 0.00	29.24 0.30 0.00	26.51 0.30 0.00	36.36 0.37 0.00	34.70 0.32 0.00	37.60 0.43 0.00	38.93 0.29 0.00	37.45 0.24 0.00	29.20 0.22 0.00	27.44 0.07 0.00	26.12 0.00 0.00	25.44 -0.09 0.00
HAMPSHIRE___PAPER_HYD 323593	20.78 -0.65 0.00	20.46 -0.77 0.00	19.15 -0.71 0.00	19.73 -0.58 0.00	21.18 -0.45 0.00	22.02 -0.13 0.00	20.78 -0.20 0.00	21.31 -0.24 0.00	22.84 -0.15 0.00	26.57 -0.14 0.00	26.44 0.05 0.00	29.11 0.03 0.00	27.08 0.20 0.00	29.10 0.16 0.00	26.27 0.06 0.00	36.18 0.19 0.00	34.67 0.29 0.00	37.23 0.06 0.00	39.04 0.40 0.00	37.74 0.53 0.00	29.43 0.46 0.00	27.81 0.44 0.00	26.35 0.23 0.00	25.65 0.11 0.00
HARDSCRABBLE_WT_PWR 323673	21.42 -0.01 0.00	21.29 0.06 0.00	19.93 0.07 0.00	20.39 0.08 0.00	21.66 0.03 0.00	22.06 -0.08 0.00	20.95 -0.03 0.00	21.59 0.04 0.00	22.94 -0.06 0.00	26.47 -0.24 0.00	25.96 -0.43 0.00	28.93 -0.15 0.00	26.88 0.00 0.00	28.85 -0.09 0.00	26.04 -0.17 0.00	35.99 0.01 0.00	34.54 0.17 0.00	37.37 0.19 0.00	38.88 0.24 0.00	37.54 0.33 0.00	29.16 0.19 0.00	27.54 0.17 0.00	26.29 0.17 0.00	25.66 0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.29 0.85 0.00	22.09 0.85 0.00	20.61 0.74 0.00	21.01 0.70 0.00	22.31 0.68 0.00	22.78 0.64 0.00	21.61 0.62 0.00	22.28 0.73 0.00	23.85 0.86 0.00	27.75 1.04 0.00	27.43 1.04 0.00	30.40 1.32 0.00	28.27 1.30 -0.09	30.47 1.47 -0.06	27.88 1.37 -0.30	38.09 1.90 -0.20	36.23 1.85 0.00	39.15 1.98 0.00	40.60 1.95 0.00	39.09 1.88 0.00	30.35 1.38 0.00	28.72 1.35 0.00	27.41 1.29 0.00	26.78 1.25 0.00
HARSNRAD_115KV_TB1 81005	20.51 -0.92 0.00	20.23 -1.00 0.00	19.23 -0.64 0.00	19.51 -0.81 0.00	20.95 -0.69 0.00	21.37 -0.77 0.00	20.25 -0.73 0.00	20.65 -0.91 0.00	22.40 -0.59 0.00	26.47 -0.23 0.00	26.28 -0.11 0.00	28.96 -0.12 0.00	26.87 -0.01 0.00	29.44 0.50 0.00	26.92 0.71 0.00	36.53 0.54 0.00	34.42 0.04 0.00	37.50 0.33 0.00	38.02 -0.63 0.00	36.17 -1.04 0.00	28.41 -0.56 0.00	26.56 -0.81 0.00	25.15 -0.97 0.00	24.27 -1.26 0.00
HARZA MOOSE___RIVER 24016	21.21 -0.22 0.00	20.91 -0.32 0.00	19.56 -0.30 0.00	20.06 -0.25 0.00	21.52 -0.11 0.00	22.24 0.09 0.00	21.00 0.01 0.00	21.52 -0.04 0.00	23.03 0.04 0.00	26.73 0.02 0.00	26.57 0.18 0.00	29.29 0.20 0.00	27.27 0.39 0.00	29.43 0.49 0.00	26.63 0.42 0.00	36.59 0.61 0.00	35.15 0.77 0.00	37.87 0.70 0.00	39.57 0.93 0.00	38.24 1.03 0.00	29.78 0.81 0.00	28.10 0.73 0.00	26.59 0.47 0.00	25.88 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.26 -0.17 0.00	21.04 -0.19 0.00	19.72 -0.14 0.00	20.13 -0.17 0.00	21.48 -0.15 0.00	21.96 -0.18 0.00	20.83 -0.16 0.00	21.36 -0.19 0.00	22.79 -0.20 0.00	26.49 -0.22 0.00	26.22 -0.18 0.00	28.96 -0.12 0.00	26.82 -0.07 0.00	28.98 0.04 0.00	26.31 0.10 0.00	36.05 0.06 0.00	34.41 0.03 0.00	37.28 0.11 0.00	38.59 -0.06 0.00	37.12 -0.09 0.00	28.93 -0.05 0.00	27.26 -0.11 0.00	25.92 -0.19 0.00	25.27 -0.25 0.00
HELLGATE_13_KV_LD 55870	22.41 0.98 -0.01	22.23 0.99 -0.01	20.73 0.87 -0.01	21.14 0.83 0.00	22.38 0.76 0.00	22.89 0.74 0.00	21.75 0.76 0.00	22.44 0.88 0.00	23.97 0.97 0.00	27.88 1.17 0.00	27.57 1.17 0.00	30.56 1.48 0.00	28.43 1.45 -0.10	30.64 1.63 -0.07	28.08 1.52 -0.36	38.23 2.00 -0.24	36.34 1.96 0.00	39.18 2.01 0.00	40.63 1.99 0.00	39.20 1.99 0.00	30.45 1.48 0.00	28.83 1.46 0.00	27.54 1.42 0.00	26.91 1.37 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.41 0.98 -0.01	22.23 0.99 -0.01	20.73 0.87 -0.01	21.14 0.83 0.00	22.38 0.76 0.00	22.89 0.74 0.00	21.75 0.76 0.00	22.44 0.88 0.00	23.97 0.97 0.00	27.88 1.17 0.00	27.57 1.17 0.00	30.56 1.48 0.00	28.43 1.45 -0.10	30.64 1.63 -0.07	28.08 1.52 -0.36	38.23 2.00 -0.24	36.34 1.96 0.00	39.18 2.01 0.00	40.63 1.99 0.00	39.20 1.99 0.00	30.45 1.48 0.00	28.83 1.46 0.00	27.54 1.42 0.00	26.91 1.37 0.00
HEMPSTEAD____ 23647	22.70 1.16 -0.11	22.40 1.17 0.00	20.88 1.01 0.00	21.26 0.96 0.00	22.49 0.86 0.00	23.02 0.87 0.00	21.90 0.92 0.00	22.59 1.04 0.00	24.11 1.11 0.00	28.09 1.38 0.00	33.30 1.46 -5.45	32.26 1.79 -1.38	32.63 1.72 -4.03	33.31 1.94 -2.43	33.35 1.75 -5.39	38.44 2.17 -0.29	36.30 1.93 0.00	39.26 2.08 0.00	40.77 2.13 0.00	39.38 2.17 0.00	30.54 1.57 0.00	28.97 1.59 0.00	28.76 1.69 -0.94	28.60 1.65 -1.42
HEWLETT_69_KV_BK3 55828	22.87 1.34 -0.11	22.57 1.33 0.00	21.04 1.18 0.00	21.44 1.13 0.00	22.69 1.06 0.00	23.20 1.05 0.00	22.07 1.09 0.00	22.76 1.20 0.00	24.31 1.31 0.00	28.30 1.59 0.00	33.53 1.70 -5.44	32.53 2.07 -1.38	32.90 1.99 -4.03	33.63 2.26 -2.43	33.69 2.09 -5.39	38.96 2.69 -0.29	36.80 2.42 0.00	39.75 2.58 0.00	41.25 2.60 0.00	39.76 2.54 0.00	30.82 1.85 0.00	29.26 1.89 0.00	29.00 1.94 -0.94	28.84 1.89 -1.42
HICKLING___1 23621	20.91 -0.52 0.00	20.66 -0.58 0.00	19.40 -0.46 0.00	19.79 -0.52 0.00	21.19 -0.44 0.00	21.64 -0.50 0.00	20.60 -0.39 0.00	21.15 -0.41 0.00	22.76 -0.24 0.00	26.75 0.04 0.00	26.61 0.22 0.00	29.57 0.49 0.00	27.31 0.43 0.00	29.59 0.65 0.00	27.02 0.81 0.00	36.90 0.91 0.00	35.07 0.69 0.00	37.97 0.79 0.00	39.22 0.58 0.00	37.68 0.47 0.00	29.48 0.50 0.00	27.70 0.33 0.00	26.21 0.09 0.00	25.43 -0.11 0.00
HICKLING___2 23622	20.91 -0.52 0.00	20.66 -0.58 0.00	19.40 -0.46 0.00	19.79 -0.52 0.00	21.19 -0.44 0.00	21.64 -0.50 0.00	20.60 -0.39 0.00	21.15 -0.41 0.00	22.76 -0.24 0.00	26.75 0.04 0.00	26.61 0.22 0.00	29.57 0.49 0.00	27.31 0.43 0.00	29.59 0.65 0.00	27.02 0.81 0.00	36.90 0.91 0.00	35.07 0.69 0.00	37.97 0.79 0.00	39.22 0.58 0.00	37.68 0.47 0.00	29.48 0.50 0.00	27.70 0.33 0.00	26.21 0.09 0.00	25.43 -0.11 0.00
HIGH FALLS___HY 23754	22.20 0.76 0.00	21.98 0.74 0.00	20.49 0.63 0.00	20.91 0.60 0.00	22.21 0.58 0.00	22.68 0.53 0.00	21.50 0.52 0.00	22.19 0.63 0.00	23.87 0.88 0.00	27.81 1.11 0.00	27.55 1.16 0.00	30.36 1.28 0.00	28.25 1.31 -0.05	30.46 1.49 -0.03	27.72 1.34 -0.17	38.16 2.06 -0.12	36.36 1.99 0.00	39.32 2.15 0.00	40.76 2.11 0.00	39.27 2.06 0.00	30.50 1.52 0.00	28.84 1.47 0.00	27.53 1.41 0.00	26.86 1.33 0.00
HIGH_RIVER___SOLAR 323847	22.18 0.75 0.00	21.97 0.74 0.00	20.53 0.67 0.00	21.01 0.70 0.00	22.36 0.73 0.00	22.89 0.75 0.00	21.66 0.68 0.00	22.22 0.66 0.00	23.59 0.59 0.00	27.24 0.53 0.00	26.71 0.32 0.00	29.83 0.75 0.00	27.70 0.89 0.07	29.74 0.84 0.05	26.63 0.66 0.24	37.10 1.28 0.16	35.76 1.38 0.00	38.66 1.48 0.00	40.20 1.56 0.00	38.77 1.56 0.00	30.15 1.18 0.00	28.49 1.12 0.00	27.14 1.02 0.00	26.49 0.95 0.00



HILLBURN___GT 23639	22.24 0.81 0.00	22.05 0.82 0.00	20.57 0.71 0.00	20.97 0.65 0.00	22.26 0.63 0.00	22.72 0.57 0.00	21.55 0.56 0.00	22.24 0.69 0.00	23.81 0.81 0.00	27.70 0.99 0.00	27.37 0.98 0.00	30.35 1.27 0.00	28.21 1.24 -0.09	30.42 1.42 -0.06	27.84 1.32 -0.31	37.97 1.77 -0.21	36.10 1.72 0.00	39.00 1.83 0.00	40.44 1.80 0.00	38.95 1.74 0.00	30.23 1.26 0.00	28.64 1.27 0.00	27.35 1.23 0.00	26.74 1.21 0.00
HILLSIDE_115KV_TB1 80332	20.76 -0.67 0.00	20.53 -0.70 0.00	19.26 -0.60 0.00	19.65 -0.66 0.00	21.05 -0.58 0.00	21.44 -0.70 0.00	20.40 -0.58 0.00	20.97 -0.59 0.00	22.54 -0.46 0.00	26.40 -0.30 0.00	26.24 -0.15 0.00	29.16 0.08 0.00	26.95 0.06 0.00	29.15 0.21 0.00	26.60 0.39 0.00	36.37 0.38 0.00	34.58 0.20 0.00	37.45 0.27 0.00	38.68 0.03 0.00	37.12 -0.09 0.00	29.01 0.04 0.00	27.29 -0.08 0.00	25.86 -0.26 0.00	25.14 -0.39 0.00
HISHELDN_WT_PWR 323625	20.34 -1.09 0.00	20.06 -1.17 0.00	19.00 -0.86 0.00	19.39 -0.93 0.00	20.78 -0.85 0.00	21.26 -0.88 0.00	20.14 -0.84 0.00	20.54 -1.02 0.00	22.30 -0.70 0.00	26.45 -0.26 0.00	26.32 -0.07 0.00	29.07 -0.01 0.00	26.90 0.02 0.00	29.32 0.38 0.00	26.82 0.61 0.00	36.51 0.53 0.00	34.47 0.09 0.00	37.36 0.18 0.00	38.18 -0.46 0.00	36.56 -0.65 0.00	28.71 -0.27 0.00	26.86 -0.51 0.00	25.40 -0.72 0.00	24.55 -0.99 0.00
HOLTSVILLE_IC_1 23690	22.69 1.15 -0.11	22.39 1.16 0.00	20.89 1.03 0.00	21.27 0.96 0.00	22.45 0.82 0.00	23.01 0.86 0.00	21.94 0.95 0.00	22.60 1.04 0.00	24.09 1.09 0.00	28.07 1.36 0.00	33.25 1.41 -5.45	32.20 1.74 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.40 1.81 -5.39	38.54 2.27 -0.29	36.27 1.89 0.00	39.32 2.15 0.00	40.95 2.30 0.00	39.47 2.26 0.00	30.53 1.56 0.00	28.97 1.60 0.00	28.78 1.72 -0.94	28.60 1.65 -1.42
HOLTSVILLE_IC_10 23699	22.79 1.25 -0.11	22.48 1.25 0.00	20.98 1.12 0.00	21.35 1.04 0.00	22.53 0.90 0.00	23.10 0.95 0.00	22.02 1.04 0.00	22.68 1.13 0.00	24.19 1.20 0.00	28.20 1.50 0.00	33.41 1.57 -5.45	32.39 1.93 -1.38	32.79 1.88 -4.03	33.52 2.15 -2.43	33.63 2.03 -5.39	38.86 2.59 -0.29	36.56 2.18 0.00	39.65 2.48 0.00	41.32 2.67 0.00	39.79 2.58 0.00	30.76 1.79 0.00	29.16 1.79 0.00	28.96 1.90 -0.94	28.75 1.80 -1.42
HOLTSVILLE_IC_2 23691	22.69 1.15 -0.11	22.39 1.16 0.00	20.89 1.03 0.00	21.27 0.96 0.00	22.45 0.82 0.00	23.01 0.86 0.00	21.94 0.95 0.00	22.60 1.04 0.00	24.09 1.09 0.00	28.07 1.36 0.00	33.25 1.41 -5.45	32.20 1.74 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.40 1.81 -5.39	38.54 2.27 -0.29	36.27 1.89 0.00	39.32 2.15 0.00	40.95 2.30 0.00	39.47 2.26 0.00	30.53 1.56 0.00	28.97 1.60 0.00	28.78 1.72 -0.94	28.60 1.65 -1.42
HOLTSVILLE_IC_3 23692	22.69 1.15 -0.11	22.39 1.16 0.00	20.89 1.03 0.00	21.27 0.96 0.00	22.45 0.82 0.00	23.01 0.86 0.00	21.94 0.95 0.00	22.60 1.04 0.00	24.09 1.09 0.00	28.07 1.36 0.00	33.25 1.41 -5.45	32.20 1.74 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.40 1.81 -5.39	38.54 2.27 -0.29	36.27 1.89 0.00	39.32 2.15 0.00	40.95 2.30 0.00	39.47 2.26 0.00	30.53 1.56 0.00	28.97 1.60 0.00	28.78 1.72 -0.94	28.60 1.65 -1.42
HOLTSVILLE_IC_4 23693	22.69 1.15 -0.11	22.39 1.16 0.00	20.89 1.03 0.00	21.27 0.96 0.00	22.45 0.82 0.00	23.01 0.86 0.00	21.94 0.95 0.00	22.60 1.04 0.00	24.09 1.09 0.00	28.07 1.36 0.00	33.25 1.41 -5.45	32.20 1.74 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.40 1.81 -5.39	38.54 2.27 -0.29	36.27 1.89 0.00	39.32 2.15 0.00	40.95 2.30 0.00	39.47 2.26 0.00	30.53 1.56 0.00	28.97 1.60 0.00	28.78 1.72 -0.94	28.60 1.65 -1.42
HOLTSVILLE_IC_5 23694	22.69 1.15 -0.11	22.39 1.16 0.00	20.89 1.03 0.00	21.27 0.96 0.00	22.45 0.82 0.00	23.01 0.86 0.00	21.94 0.95 0.00	22.60 1.04 0.00	24.09 1.09 0.00	28.07 1.36 0.00	33.25 1.41 -5.45	32.20 1.74 -1.38	32.60 1.69 -4.03	33.29 1.92 -2.43	33.40 1.81 -5.39	38.54 2.27 -0.29	36.27 1.89 0.00	39.32 2.15 0.00	40.95 2.30 0.00	39.47 2.26 0.00	30.53 1.56 0.00	28.97 1.60 0.00	28.78 1.72 -0.94	28.60 1.65 -1.42
HOLTSVILLE_IC_6 23695	22.79 1.25 -0.11	22.48 1.25 0.00	20.98 1.12 0.00	21.35 1.04 0.00	22.53 0.90 0.00	23.10 0.95 0.00	22.02 1.04 0.00	22.68 1.13 0.00	24.19 1.20 0.00	28.20 1.50 0.00	33.41 1.57 -5.45	32.39 1.93 -1.38	32.79 1.88 -4.03	33.52 2.15 -2.43	33.63 2.03 -5.39	38.86 2.59 -0.29	36.56 2.18 0.00	39.65 2.48 0.00	41.32 2.67 0.00	39.79 2.58 0.00	30.76 1.79 0.00	29.16 1.79 0.00	28.96 1.90 -0.94	28.75 1.80 -1.42
HOLTSVILLE_IC_7 23696	22.79 1.25 -0.11	22.48 1.25 0.00	20.98 1.12 0.00	21.35 1.04 0.00	22.53 0.90 0.00	23.10 0.95 0.00	22.02 1.04 0.00	22.68 1.13 0.00	24.19 1.20 0.00	28.20 1.50 0.00	33.41 1.57 -5.45	32.39 1.93 -1.38	32.79 1.88 -4.03	33.52 2.15 -2.43	33.63 2.03 -5.39	38.86 2.59 -0.29	36.56 2.18 0.00	39.65 2.48 0.00	41.32 2.67 0.00	39.79 2.58 0.00	30.76 1.79 0.00	29.16 1.79 0.00	28.96 1.90 -0.94	28.75 1.80 -1.42
HOLTSVILLE_IC_8 23697	22.79 1.25 -0.11	22.48 1.25 0.00	20.98 1.12 0.00	21.35 1.04 0.00	22.53 0.90 0.00	23.10 0.95 0.00	22.02 1.04 0.00	22.68 1.13 0.00	24.19 1.20 0.00	28.20 1.50 0.00	33.41 1.57 -5.45	32.39 1.93 -1.38	32.79 1.88 -4.03	33.52 2.15 -2.43	33.63 2.03 -5.39	38.86 2.59 -0.29	36.56 2.18 0.00	39.65 2.48 0.00	41.32 2.67 0.00	39.79 2.58 0.00	30.76 1.79 0.00	29.16 1.79 0.00	28.96 1.90 -0.94	28.75 1.80 -1.42
HOLTSVILLE_IC_9 23698	22.79 1.25 -0.11	22.48 1.25 0.00	20.98 1.12 0.00	21.35 1.04 0.00	22.53 0.90 0.00	23.10 0.95 0.00	22.02 1.04 0.00	22.68 1.13 0.00	24.19 1.20 0.00	28.20 1.50 0.00	33.41 1.57 -5.45	32.39 1.93 -1.38	32.79 1.88 -4.03	33.52 2.15 -2.43	33.63 2.03 -5.39	38.86 2.59 -0.29	36.56 2.18 0.00	39.65 2.48 0.00	41.32 2.67 0.00	39.79 2.58 0.00	30.76 1.79 0.00	29.16 1.79 0.00	28.96 1.90 -0.94	28.75 1.80 -1.42
HOMER_HL_115KV_TB2 355744	20.67 -0.76 0.00	20.52 -0.71 0.00	19.49 -0.37 0.00	19.81 -0.51 0.00	21.29 -0.33 0.00	21.60 -0.54 0.00	20.51 -0.47 0.00	21.05 -0.50 0.00	22.84 -0.15 0.00	26.97 0.26 0.00	26.75 0.36 0.00	29.71 0.63 0.00	27.40 0.52 0.00	29.86 0.92 0.00	27.22 1.01 0.00	37.07 1.09 0.00	34.98 0.60 0.00	38.12 0.94 0.00	39.00 0.36 0.00	37.27 0.06 0.00	29.19 0.21 0.00	27.33 -0.05 0.00	25.97 -0.15 0.00	25.18 -0.35 0.00
HOWARD_WT_PWR 323690	19.97 -1.46 0.00	19.69 -1.54 0.00	18.58 -1.28 0.00	18.59 -1.73 0.00	19.93 -1.70 0.00	20.78 -1.36 0.00	20.38 -0.61 0.00	20.88 -0.68 0.00	22.32 -0.67 0.00	26.79 0.08 0.00	27.17 0.77 0.00	30.22 1.14 0.00	27.66 0.78 0.00	30.38 1.44 0.00	27.47 1.26 0.00	37.63 1.65 0.00	35.61 1.23 0.00	38.48 1.31 0.00	40.22 1.58 0.00	39.25 2.03 0.00	31.17 2.20 0.00	29.01 1.64 0.00	27.59 1.47 0.00	26.62 1.09 0.00



HQ_GEN_CEDARS 23644	21.36 -0.06 0.00	21.12 -0.12 0.00	19.80 -0.07 0.00	20.27 -0.04 0.00	21.60 -0.03 0.00	22.25 0.11 0.00	21.09 0.11 0.00	21.68 0.12 0.00	23.16 0.16 0.00	26.99 0.28 0.00	26.76 0.36 0.00	29.37 0.29 0.00	27.07 0.19 0.00	28.98 0.04 0.00	26.21 -0.01 0.00	36.00 0.01 0.00	34.28 -0.10 0.00	36.94 -0.23 0.00	38.67 0.03 0.00	37.24 0.03 0.00	29.08 0.11 0.00	27.52 0.15 0.00	26.28 0.16 0.00	25.71 0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	21.07 -0.06 0.30	21.12 -0.11 0.00	19.80 -0.07 0.00	20.27 -0.04 0.00	21.60 -0.03 0.00	22.25 0.11 0.00	21.09 0.11 0.00	21.68 0.12 0.00	23.16 0.16 0.00	26.99 0.28 0.00	26.76 0.36 0.00	29.37 0.29 0.00	27.07 0.19 0.00	28.98 0.04 0.00	26.21 -0.01 0.00	36.00 0.01 0.00	34.28 -0.10 0.00	36.95 -0.22 0.00	38.67 0.03 0.00	37.24 0.03 0.00	29.08 0.11 0.00	27.52 0.15 0.00	26.28 0.16 0.00	25.71 0.18 0.00
HQ_GEN_IMPORT 323601	21.38 -0.05 0.00	21.16 -0.07 0.00	19.80 -0.06 0.00	20.25 -0.06 0.00	21.57 -0.06 0.00	22.14 0.00 0.00	21.00 0.01 0.00	21.58 0.02 0.00	23.03 0.03 0.00	26.80 0.09 0.00	26.51 0.12 0.00	29.08 0.00 0.00	26.81 -0.08 0.00	28.74 -0.20 0.00	26.00 -0.21 0.00	35.72 -0.26 0.00	34.07 -0.31 0.00	36.78 -0.39 0.00	38.37 -0.27 0.00	36.95 -0.26 0.00	28.81 -0.16 0.00	27.25 -0.12 0.00	26.06 -0.06 0.00	25.51 -0.03 0.00
HQ_GEN_WHEEL 23651	21.38 -0.05 0.00	21.16 -0.07 0.00	19.80 -0.06 0.00	20.25 -0.06 0.00	21.57 -0.06 0.00	22.14 0.00 0.00	21.00 0.01 0.00	21.58 0.02 0.00	23.03 0.03 0.00	26.80 0.09 0.00	26.51 0.12 0.00	29.08 0.00 0.00	26.81 -0.08 0.00	28.74 -0.20 0.00	26.00 -0.21 0.00	35.72 -0.26 0.00	34.07 -0.31 0.00	36.78 -0.39 0.00	38.37 -0.27 0.00	36.95 -0.26 0.00	28.81 -0.16 0.00	27.25 -0.12 0.00	26.06 -0.06 0.00	25.51 -0.03 0.00
HUDSON AVE_GT_3 23810	22.39 0.96 0.00	22.20 0.97 0.00	20.71 0.85 0.00	21.11 0.80 0.00	22.39 0.77 0.00	22.87 0.73 0.00	21.71 0.73 0.00	22.42 0.86 0.00	23.97 0.97 0.00	27.89 1.19 0.00	27.56 1.17 0.00	30.57 1.49 0.00	28.44 1.45 -0.10	30.66 1.65 -0.07	28.09 1.52 -0.36	38.26 2.03 -0.24	36.35 1.97 0.00	39.24 2.06 0.00	40.68 2.04 0.00	39.22 2.01 0.00	30.46 1.48 0.00	28.84 1.47 0.00	27.55 1.43 0.00	26.92 1.39 0.00
HUDSON AVE_GT_4 23540	22.39 0.96 0.00	22.20 0.97 0.00	20.71 0.85 0.00	21.11 0.80 0.00	22.39 0.77 0.00	22.87 0.73 0.00	21.71 0.73 0.00	22.42 0.86 0.00	23.97 0.97 0.00	27.89 1.19 0.00	27.56 1.17 0.00	30.57 1.49 0.00	28.44 1.45 -0.10	30.66 1.65 -0.07	28.09 1.52 -0.36	38.26 2.03 -0.24	36.35 1.97 0.00	39.24 2.06 0.00	40.68 2.04 0.00	39.22 2.01 0.00	30.46 1.48 0.00	28.84 1.47 0.00	27.55 1.43 0.00	26.92 1.39 0.00
HUDSON AVE_GT_5 23657	22.39 0.96 0.00	22.20 0.97 0.00	20.71 0.85 0.00	21.11 0.80 0.00	22.39 0.77 0.00	22.87 0.73 0.00	21.71 0.73 0.00	22.42 0.86 0.00	23.97 0.97 0.00	27.89 1.19 0.00	27.56 1.17 0.00	30.57 1.49 0.00	28.44 1.45 -0.10	30.66 1.65 -0.07	28.09 1.52 -0.36	38.26 2.03 -0.24	36.35 1.97 0.00	39.24 2.06 0.00	40.68 2.04 0.00	39.22 2.01 0.00	30.46 1.48 0.00	28.84 1.47 0.00	27.55 1.43 0.00	26.92 1.39 0.00
HUDSON_AVE_10 24168	22.33 0.90 0.00	22.13 0.90 0.00	20.64 0.78 0.00	21.04 0.73 0.00	22.33 0.70 0.00	22.80 0.66 0.00	21.65 0.67 0.00	22.36 0.80 0.00	23.90 0.91 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.34 1.35 -0.10	30.55 1.55 -0.07	27.98 1.41 -0.36	38.11 1.88 -0.24	36.21 1.83 0.00	39.09 1.92 0.00	40.54 1.89 0.00	39.08 1.87 0.00	30.36 1.38 0.00	28.74 1.37 0.00	27.47 1.35 0.00	26.84 1.30 0.00
HUDSON___115KV_TB 4 355613	22.13 0.70 0.00	21.97 0.74 0.00	20.54 0.67 0.00	21.01 0.70 0.00	22.33 0.70 0.00	22.81 0.67 0.00	21.63 0.65 0.00	22.22 0.67 0.00	23.59 0.60 0.00	27.22 0.52 0.00	26.77 0.38 0.00	29.62 0.53 0.00	27.31 0.48 0.06	29.59 0.69 0.04	26.62 0.62 0.21	36.51 0.67 0.14	35.51 1.13 0.00	38.57 1.40 0.00	40.17 1.53 0.00	38.68 1.47 0.00	30.01 1.04 0.00	28.35 0.98 0.00	26.98 0.86 0.00	26.30 0.77 0.00
HUNTER MOUNT___DRP 323613	22.26 0.83 0.00	22.10 0.87 0.00	20.65 0.79 0.00	21.14 0.83 0.00	22.47 0.85 0.00	22.97 0.82 0.00	21.77 0.79 0.00	22.35 0.80 0.00	23.72 0.72 0.00	27.35 0.64 0.00	26.85 0.46 0.00	29.73 0.65 0.00	27.42 0.57 0.04	29.71 0.80 0.02	26.84 0.76 0.12	36.75 0.85 0.09	35.74 1.36 0.00	38.83 1.66 0.00	40.48 1.83 0.00	38.96 1.75 0.00	30.23 1.26 0.00	28.53 1.16 0.00	27.13 1.01 0.00	26.43 0.90 0.00
HUNTINGTON_RES_REC 323705	22.78 1.25 -0.11	22.47 1.23 0.00	20.97 1.11 0.00	21.35 1.04 0.00	22.54 0.91 0.00	23.10 0.95 0.00	22.01 1.02 0.00	22.69 1.14 0.00	24.19 1.20 0.00	28.20 1.49 0.00	33.40 1.56 -5.45	32.39 1.94 -1.38	32.77 1.86 -4.03	33.46 2.09 -2.43	33.56 1.97 -5.39	38.72 2.45 -0.29	36.42 2.04 0.00	39.47 2.30 0.00	41.09 2.45 0.00	39.58 2.37 0.00	30.60 1.63 0.00	29.04 1.66 0.00	28.85 1.79 -0.94	28.67 1.73 -1.42
HUNTLEY___63 23557	20.63 -0.80 0.00	20.35 -0.88 0.00	19.33 -0.54 0.00	19.62 -0.69 0.00	21.05 -0.57 0.00	21.47 -0.67 0.00	20.35 -0.63 0.00	20.75 -0.81 0.00	22.55 -0.45 0.00	26.63 -0.07 0.00	26.46 0.06 0.00	29.18 0.10 0.00	27.07 0.19 0.00	29.66 0.72 0.00	27.13 0.92 0.00	36.84 0.86 0.00	34.70 0.32 0.00	37.76 0.59 0.00	38.28 -0.36 0.00	36.42 -0.79 0.00	28.59 -0.38 0.00	26.74 -0.63 0.00	25.31 -0.81 0.00	24.42 -1.11 0.00
HUNTLEY___64 23558	20.63 -0.80 0.00	20.35 -0.88 0.00	19.33 -0.54 0.00	19.62 -0.69 0.00	21.05 -0.57 0.00	21.47 -0.67 0.00	20.35 -0.63 0.00	20.75 -0.81 0.00	22.55 -0.45 0.00	26.63 -0.07 0.00	26.46 0.06 0.00	29.18 0.10 0.00	27.07 0.19 0.00	29.66 0.72 0.00	27.13 0.92 0.00	36.84 0.86 0.00	34.70 0.32 0.00	37.76 0.59 0.00	38.28 -0.36 0.00	36.42 -0.79 0.00	28.59 -0.38 0.00	26.74 -0.63 0.00	25.31 -0.81 0.00	24.42 -1.11 0.00
HUNTLEY___65 23559	20.63 -0.80 0.00	20.35 -0.88 0.00	19.33 -0.54 0.00	19.62 -0.69 0.00	21.05 -0.57 0.00	21.47 -0.67 0.00	20.35 -0.63 0.00	20.75 -0.81 0.00	22.55 -0.45 0.00	26.63 -0.07 0.00	26.46 0.06 0.00	29.18 0.10 0.00	27.07 0.19 0.00	29.66 0.72 0.00	27.13 0.92 0.00	36.84 0.86 0.00	34.70 0.32 0.00	37.76 0.59 0.00	38.28 -0.36 0.00	36.42 -0.79 0.00	28.59 -0.38 0.00	26.74 -0.63 0.00	25.31 -0.81 0.00	24.42 -1.11 0.00
HUNTLEY___66 23560	20.63 -0.80 0.00	20.35 -0.88 0.00	19.33 -0.54 0.00	19.62 -0.69 0.00	21.05 -0.57 0.00	21.47 -0.67 0.00	20.35 -0.63 0.00	20.75 -0.81 0.00	22.55 -0.45 0.00	26.63 -0.07 0.00	26.46 0.06 0.00	29.18 0.10 0.00	27.07 0.19 0.00	29.66 0.72 0.00	27.13 0.92 0.00	36.84 0.86 0.00	34.70 0.32 0.00	37.76 0.59 0.00	38.28 -0.36 0.00	36.42 -0.79 0.00	28.59 -0.38 0.00	26.74 -0.63 0.00	25.31 -0.81 0.00	24.42 -1.11 0.00



HUNTLEY___67 23561	20.44 -0.99 0.00	20.17 -1.07 0.00	19.17 -0.69 0.00	19.46 -0.85 0.00	20.90 -0.73 0.00	21.31 -0.84 0.00	20.20 -0.78 0.00	20.61 -0.95 0.00	22.37 -0.62 0.00	26.41 -0.29 0.00	26.22 -0.17 0.00	28.93 -0.15 0.00	26.82 -0.07 0.00	29.36 0.42 0.00	26.85 0.64 0.00	36.48 0.49 0.00	34.35 -0.03 0.00	37.39 0.22 0.00	37.96 -0.69 0.00	36.14 -1.07 0.00	28.36 -0.62 0.00	26.53 -0.85 0.00	25.12 -1.00 0.00	24.27 -1.26 0.00
HUNTLEY___68 23562	20.44 -0.99 0.00	20.17 -1.07 0.00	19.17 -0.69 0.00	19.46 -0.85 0.00	20.90 -0.73 0.00	21.31 -0.84 0.00	20.20 -0.78 0.00	20.61 -0.95 0.00	22.37 -0.62 0.00	26.41 -0.29 0.00	26.22 -0.17 0.00	28.93 -0.15 0.00	26.82 -0.07 0.00	29.36 0.42 0.00	26.85 0.64 0.00	36.48 0.49 0.00	34.35 -0.03 0.00	37.39 0.22 0.00	37.96 -0.69 0.00	36.14 -1.07 0.00	28.36 -0.62 0.00	26.53 -0.85 0.00	25.12 -1.00 0.00	24.27 -1.26 0.00
HYLAND___LFG 323620	21.79 0.36 0.00	21.47 0.23 0.00	20.21 0.35 0.00	20.56 0.25 0.00	22.02 0.39 0.00	22.53 0.38 0.00	21.42 0.43 0.00	21.92 0.36 0.00	23.56 0.57 0.00	27.68 0.98 0.00	27.51 1.12 0.00	30.00 0.92 0.00	27.71 0.82 0.00	30.11 1.17 0.00	27.58 1.37 0.00	37.51 1.52 0.00	35.42 1.04 0.00	38.86 1.69 0.00	39.58 0.94 0.00	38.84 1.62 0.00	30.74 1.77 0.00	28.80 1.43 0.00	27.17 1.05 0.00	26.20 0.67 0.00
INDECK___CORINTH 23802	23.16 1.72 0.00	22.94 1.71 0.00	21.34 1.48 0.00	21.80 1.48 0.00	23.18 1.55 0.00	23.74 1.59 0.00	22.51 1.53 0.00	23.17 1.62 0.00	24.72 1.73 0.00	28.54 1.83 0.00	27.81 1.41 0.00	30.78 1.70 0.00	28.41 1.63 0.10	30.69 1.81 0.07	27.49 1.64 0.36	38.07 2.33 0.24	36.93 2.55 0.00	40.02 2.85 0.00	42.15 3.51 0.00	40.68 3.47 0.00	31.56 2.58 0.00	29.84 2.47 0.00	28.37 2.24 0.00	27.64 2.11 0.00
INDECK___ILION 23567	21.47 0.04 0.00	21.31 0.08 0.00	19.93 0.07 0.00	20.39 0.08 0.00	21.69 0.05 0.00	22.14 0.00 0.00	20.99 0.01 0.00	21.59 0.04 0.00	22.98 -0.01 0.00	26.59 -0.11 0.00	26.17 -0.22 0.00	29.03 -0.05 0.00	26.91 0.03 0.00	28.94 0.00 0.00	26.18 -0.03 0.00	36.07 0.09 0.00	34.56 0.18 0.00	37.38 0.21 0.00	38.86 0.22 0.00	37.48 0.27 0.00	29.16 0.18 0.00	27.54 0.17 0.00	26.26 0.14 0.00	25.64 0.11 0.00
INDECK___OLEAN 23982	20.68 -0.76 0.00	20.53 -0.70 0.00	19.49 -0.37 0.00	19.80 -0.51 0.00	21.29 -0.33 0.00	21.60 -0.54 0.00	20.51 -0.47 0.00	21.05 -0.50 0.00	22.84 -0.15 0.00	26.97 0.26 0.00	26.75 0.36 0.00	29.71 0.64 0.00	27.40 0.52 0.00	29.86 0.91 0.00	27.23 1.02 0.00	37.07 1.09 0.00	34.98 0.60 0.00	38.11 0.94 0.00	39.01 0.36 0.00	37.27 0.06 0.00	29.19 0.22 0.00	27.33 -0.05 0.00	25.97 -0.15 0.00	25.18 -0.35 0.00
INDECK___OSWEGO 23783	21.03 -0.40 0.00	20.81 -0.42 0.00	19.50 -0.37 0.00	19.92 -0.39 0.00	21.25 -0.38 0.00	21.75 -0.40 0.00	20.61 -0.37 0.00	21.13 -0.43 0.00	22.52 -0.47 0.00	26.10 -0.60 0.00	25.84 -0.55 0.00	28.52 -0.55 0.00	26.43 -0.46 0.00	28.54 -0.40 0.00	25.86 -0.35 0.00	35.50 -0.48 0.00	33.93 -0.44 0.00	36.73 -0.44 0.00	38.06 -0.59 0.00	36.64 -0.57 0.00	28.55 -0.42 0.00	26.90 -0.47 0.00	25.61 -0.51 0.00	24.98 -0.55 0.00
INDECK___YERKES 23781	20.66 -0.78 0.00	20.37 -0.86 0.00	19.34 -0.52 0.00	19.64 -0.67 0.00	21.07 -0.55 0.00	21.49 -0.65 0.00	20.37 -0.61 0.00	20.77 -0.79 0.00	22.57 -0.43 0.00	26.66 -0.05 0.00	26.49 0.09 0.00	29.21 0.13 0.00	27.10 0.22 0.00	29.69 0.75 0.00	27.16 0.95 0.00	36.88 0.90 0.00	34.74 0.36 0.00	37.79 0.62 0.00	38.33 -0.32 0.00	36.44 -0.77 0.00	28.63 -0.35 0.00	26.77 -0.60 0.00	25.34 -0.79 0.00	24.44 -1.09 0.00
INDIAN POINT_GT_1 24139	22.22 0.79 0.00	22.04 0.81 0.00	20.56 0.69 0.00	20.96 0.65 0.00	22.24 0.61 0.00	22.71 0.57 0.00	21.55 0.56 0.00	22.24 0.68 0.00	23.78 0.78 0.00	27.66 0.95 0.00	27.33 0.93 0.00	30.29 1.20 0.00	28.17 1.18 -0.10	30.36 1.35 -0.07	27.80 1.24 -0.35	37.89 1.67 -0.24	36.01 1.64 0.00	38.90 1.73 0.00	40.35 1.71 0.00	38.89 1.68 0.00	30.19 1.21 0.00	28.59 1.21 0.00	27.30 1.18 0.00	26.69 1.16 0.00
INDIAN POINT_GT_2 23659	22.22 0.79 0.00	22.04 0.81 0.00	20.56 0.69 0.00	20.96 0.65 0.00	22.24 0.61 0.00	22.71 0.57 0.00	21.55 0.56 0.00	22.24 0.68 0.00	23.78 0.78 0.00	27.66 0.95 0.00	27.33 0.93 0.00	30.29 1.20 0.00	28.17 1.18 -0.10	30.36 1.35 -0.07	27.80 1.24 -0.35	37.89 1.67 -0.24	36.01 1.64 0.00	38.90 1.73 0.00	40.35 1.71 0.00	38.89 1.68 0.00	30.19 1.21 0.00	28.59 1.21 0.00	27.30 1.18 0.00	26.69 1.16 0.00
INDIAN POINT_GT_3 24019	22.22 0.79 0.00	22.04 0.81 0.00	20.56 0.69 0.00	20.96 0.65 0.00	22.24 0.61 0.00	22.71 0.57 0.00	21.55 0.56 0.00	22.24 0.68 0.00	23.78 0.78 0.00	27.66 0.95 0.00	27.33 0.93 0.00	30.29 1.20 0.00	28.17 1.18 -0.10	30.36 1.35 -0.07	27.80 1.24 -0.35	37.89 1.67 -0.24	36.01 1.64 0.00	38.90 1.73 0.00	40.35 1.71 0.00	38.89 1.68 0.00	30.19 1.21 0.00	28.59 1.21 0.00	27.30 1.18 0.00	26.69 1.16 0.00
INDIAN POINT___2 23530	22.20 0.77 0.00	22.02 0.79 0.00	20.54 0.68 0.00	20.94 0.63 0.00	22.23 0.60 0.00	22.69 0.55 0.00	21.53 0.54 0.00	22.21 0.66 0.00	23.76 0.77 0.00	27.63 0.92 0.00	27.30 0.91 0.00	30.26 1.18 0.00	28.14 1.16 -0.10	30.33 1.32 -0.06	27.76 1.22 -0.34	37.85 1.63 -0.23	35.98 1.61 0.00	38.87 1.70 0.00	40.31 1.67 0.00	38.85 1.64 0.00	30.16 1.18 0.00	28.56 1.19 0.00	27.28 1.16 0.00	26.67 1.14 0.00
INDIAN POINT___3 23531	22.20 0.77 0.00	22.02 0.79 0.00	20.54 0.68 0.00	20.95 0.64 0.00	22.23 0.60 0.00	22.70 0.56 0.00	21.54 0.56 0.00	22.22 0.66 0.00	23.76 0.77 0.00	27.63 0.92 0.00	27.29 0.90 0.00	30.24 1.16 0.00	28.12 1.14 -0.10	30.31 1.31 -0.07	27.77 1.21 -0.35	37.84 1.62 -0.24	35.96 1.59 0.00	38.85 1.68 0.00	40.31 1.66 0.00	38.85 1.64 0.00	30.16 1.18 0.00	28.56 1.19 0.00	27.28 1.16 0.00	26.66 1.13 0.00
INGHAM_C_115KV_TB7 356103	21.43 0.00 0.00	21.32 0.08 0.00	19.93 0.07 0.00	20.39 0.08 0.00	21.65 0.02 0.00	22.03 -0.12 0.00	20.92 -0.06 0.00	21.55 0.00 0.00	22.87 -0.13 0.00	26.34 -0.36 0.00	25.74 -0.65 0.00	28.78 -0.30 0.00	26.78 -0.10 0.00	28.69 -0.25 0.00	25.90 -0.31 0.00	35.88 -0.10 0.00	34.48 0.10 0.00	37.30 0.13 0.00	38.81 0.16 0.00	37.50 0.28 0.00	29.14 0.16 0.00	27.55 0.18 0.00	26.27 0.15 0.00	25.62 0.09 0.00
IP CORINTH___1 23988	23.16 1.72 0.00	22.94 1.71 0.00	21.34 1.48 0.00	21.79 1.48 0.00	23.18 1.55 0.00	23.74 1.59 0.00	22.51 1.53 0.00	23.17 1.62 0.00	24.72 1.73 0.00	28.54 1.83 0.00	27.81 1.42 0.00	30.78 1.70 0.00	28.41 1.63 0.10	30.69 1.81 0.07	27.49 1.64 0.36	38.06 2.32 0.24	36.93 2.55 0.00	40.02 2.85 0.00	42.15 3.51 0.00	40.68 3.47 0.00	31.56 2.58 0.00	29.84 2.47 0.00	28.37 2.25 0.00	27.64 2.11 0.00



IP___TICONDEROGA 23804	24.35 2.92 0.00	24.07 2.84 0.00	22.22 2.35 0.00	22.64 2.33 0.00	24.08 2.45 0.00	24.72 2.58 0.00	23.54 2.56 0.00	24.27 2.72 0.00	25.88 2.88 0.00	29.74 3.03 0.00	28.77 2.38 0.00	31.92 2.84 0.00	29.63 2.85 0.11	32.08 3.20 0.07	28.65 2.80 0.37	39.98 4.24 0.25	38.89 4.51 0.00	42.08 4.91 0.00	44.74 6.09 0.00	43.31 6.09 0.00	33.21 4.23 0.00	31.48 4.11 0.00	29.90 3.78 0.00	29.13 3.59 0.00
ISLIP_RES_REC 323679	22.88 1.34 -0.11	22.57 1.34 0.00	21.06 1.20 0.00	21.42 1.11 0.00	22.61 0.98 0.00	23.18 1.04 0.00	22.10 1.12 0.00	22.77 1.22 0.00	24.28 1.29 0.00	28.34 1.63 0.00	33.56 1.72 -5.45	32.57 2.11 -1.38	32.96 2.05 -4.03	33.72 2.35 -2.43	33.82 2.22 -5.39	39.13 2.87 -0.29	36.81 2.44 0.00	39.94 2.77 0.00	41.60 2.96 0.00	40.06 2.85 0.00	30.96 1.99 0.00	29.33 1.96 0.00	29.11 2.05 -0.94	28.88 1.93 -1.42
JAMAICA__27_KV_LOAD 355505	22.53 1.10 0.00	22.28 1.05 0.00	20.78 0.92 0.00	21.19 0.88 0.00	22.50 0.88 0.00	22.98 0.84 0.00	21.82 0.84 0.00	22.55 1.00 0.00	24.11 1.11 0.00	28.02 1.31 0.00	27.65 1.26 0.00	30.68 1.60 0.00	28.56 1.58 -0.10	30.78 1.78 -0.07	28.19 1.62 -0.36	38.36 2.13 -0.24	36.42 2.04 0.00	39.34 2.17 0.00	40.83 2.18 0.00	39.34 2.13 0.00	30.58 1.61 0.00	28.95 1.58 0.00	27.72 1.60 0.00	27.05 1.52 0.00
JANIS___SOLAR 323808	21.89 0.45 0.00	21.58 0.34 0.00	20.30 0.44 0.00	20.68 0.37 0.00	22.13 0.50 0.00	22.63 0.49 0.00	21.49 0.51 0.00	22.14 0.59 0.00	23.69 0.70 0.00	27.70 1.00 0.00	27.45 1.06 0.00	30.36 1.28 0.00	28.11 1.23 0.00	30.30 1.36 0.00	27.59 1.38 0.00	37.73 1.75 0.00	36.12 1.74 0.00	39.15 1.98 0.00	40.64 2.00 0.00	39.13 1.92 0.00	30.65 1.67 0.00	28.81 1.44 0.00	27.25 1.13 0.00	26.52 0.98 0.00
JARVIS____ 23743	21.45 0.02 0.00	21.26 0.02 0.00	19.88 0.02 0.00	20.34 0.03 0.00	21.66 0.03 0.00	22.15 0.01 0.00	20.98 0.00 0.00	21.56 0.00 0.00	22.99 0.00 0.00	26.67 -0.04 0.00	26.34 -0.05 0.00	29.08 0.00 0.00	26.91 0.03 0.00	28.99 0.05 0.00	26.26 0.05 0.00	36.06 0.08 0.00	34.48 0.10 0.00	37.28 0.11 0.00	38.75 0.11 0.00	37.33 0.12 0.00	29.04 0.07 0.00	27.45 0.08 0.00	26.17 0.05 0.00	25.58 0.04 0.00
JENNISON___1 23625	21.85 0.42 0.00	21.40 0.17 0.00	20.33 0.47 0.00	20.68 0.37 0.00	22.10 0.47 0.00	22.62 0.48 0.00	21.35 0.36 0.00	22.01 0.45 0.00	23.61 0.61 0.00	27.65 0.94 0.00	27.38 0.99 0.00	30.31 1.23 0.00	28.06 1.18 0.00	30.26 1.32 0.00	27.44 1.22 0.00	37.29 1.31 0.00	35.88 1.50 0.00	39.00 1.83 0.00	40.48 1.84 0.00	38.95 1.74 0.00	30.47 1.49 0.00	28.61 1.24 0.00	27.03 0.91 0.00	26.37 0.84 0.00
JENNISON___2 23626	21.85 0.42 0.00	21.40 0.17 0.00	20.33 0.47 0.00	20.68 0.37 0.00	22.10 0.47 0.00	22.62 0.48 0.00	21.35 0.36 0.00	22.01 0.45 0.00	23.61 0.61 0.00	27.65 0.94 0.00	27.38 0.99 0.00	30.31 1.23 0.00	28.06 1.18 0.00	30.26 1.32 0.00	27.44 1.22 0.00	37.29 1.31 0.00	35.88 1.50 0.00	39.00 1.83 0.00	40.48 1.84 0.00	38.95 1.74 0.00	30.47 1.49 0.00	28.61 1.24 0.00	27.03 0.91 0.00	26.37 0.84 0.00
JERICHO_RISE_WT_PWR 323719	20.86 -0.57 0.00	20.56 -0.67 0.00	19.20 -0.67 0.00	19.66 -0.65 0.00	21.04 -0.58 0.00	21.91 -0.23 0.00	20.64 -0.34 0.00	21.39 -0.17 0.00	22.78 -0.22 0.00	26.53 -0.18 0.00	26.47 0.08 0.00	29.11 0.03 0.00	26.82 -0.07 0.00	28.60 -0.35 0.00	25.81 -0.40 0.00	35.62 -0.36 0.00	33.93 -0.45 0.00	36.53 -0.64 0.00	38.51 -0.13 0.00	37.04 -0.18 0.00	28.88 -0.10 0.00	27.40 0.03 0.00	26.17 0.05 0.00	25.57 0.04 0.00
KATONAH__115KV_46KV_TB4 355592	22.32 0.89 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.06 0.75 0.00	22.35 0.72 0.00	22.83 0.69 0.00	21.67 0.69 0.00	22.35 0.80 0.00	23.91 0.91 0.00	27.81 1.11 0.00	27.48 1.09 0.00	30.46 1.38 0.00	28.33 1.34 -0.10	30.55 1.54 -0.07	27.96 1.40 -0.35	38.11 1.89 -0.24	36.24 1.86 0.00	39.16 1.99 0.00	40.63 1.99 0.00	39.17 1.96 0.00	30.40 1.43 0.00	28.77 1.40 0.00	27.46 1.34 0.00	26.81 1.28 0.00
KCE_NY_1 323755	22.76 1.33 0.00	22.57 1.33 0.00	21.05 1.19 0.00	21.51 1.20 0.00	22.88 1.26 0.00	23.41 1.27 0.00	22.19 1.21 0.00	22.84 1.29 0.00	24.34 1.34 0.00	28.10 1.40 0.00	27.54 1.15 0.00	30.47 1.39 0.00	28.22 1.45 0.11	30.42 1.56 0.07	27.14 1.32 0.39	37.74 2.02 0.27	36.56 2.18 0.00	39.58 2.41 0.00	41.32 2.68 0.00	39.88 2.67 0.00	30.94 1.96 0.00	29.29 1.91 0.00	27.81 1.69 0.00	27.12 1.59 0.00
KCE_NY_6_ESR 323823	20.64 -0.80 0.00	20.35 -0.89 0.00	19.33 -0.53 0.00	19.66 -0.65 0.00	21.08 -0.55 0.00	21.50 -0.64 0.00	20.39 -0.60 0.00	20.80 -0.76 0.00	22.62 -0.38 0.00	26.72 0.02 0.00	26.54 0.14 0.00	29.30 0.22 0.00	27.12 0.24 0.00	29.67 0.73 0.00	27.16 0.95 0.00	36.90 0.91 0.00	34.79 0.41 0.00	37.84 0.67 0.00	38.48 -0.16 0.00	36.68 -0.53 0.00	28.77 -0.20 0.00	26.93 -0.44 0.00	25.48 -0.64 0.00	24.60 -0.93 0.00
KEDC_PORT_JEFF_GT2 24210	22.76 1.23 -0.11	22.46 1.22 0.00	20.96 1.09 0.00	21.32 1.01 0.00	22.51 0.88 0.00	23.07 0.93 0.00	22.00 1.02 0.00	22.67 1.11 0.00	24.17 1.18 0.00	28.18 1.47 0.00	33.39 1.55 -5.45	32.37 1.90 -1.38	32.76 1.85 -4.03	33.49 2.11 -2.43	33.60 2.00 -5.39	38.79 2.52 -0.29	36.32 1.95 0.00	39.40 2.23 0.00	41.24 2.59 0.00	39.72 2.51 0.00	30.71 1.74 0.00	29.12 1.75 0.00	28.91 1.85 -0.94	28.71 1.76 -1.42
KEDC_PORT_JEFF_GT3 24211	22.76 1.23 -0.11	22.46 1.22 0.00	20.96 1.09 0.00	21.32 1.01 0.00	22.51 0.88 0.00	23.07 0.93 0.00	22.00 1.02 0.00	22.67 1.11 0.00	24.17 1.18 0.00	28.18 1.47 0.00	33.39 1.55 -5.45	32.37 1.90 -1.38	32.76 1.85 -4.03	33.49 2.11 -2.43	33.60 2.00 -5.39	38.79 2.52 -0.29	36.32 1.95 0.00	39.40 2.23 0.00	41.24 2.59 0.00	39.72 2.51 0.00	30.71 1.74 0.00	29.12 1.75 0.00	28.91 1.85 -0.94	28.71 1.76 -1.42
KEDC_GLWD_GT4 24219	22.79 1.25 -0.11	22.48 1.25 0.00	20.96 1.10 0.00	21.35 1.05 0.00	22.59 0.96 0.00	23.11 0.96 0.00	21.99 1.01 0.00	22.68 1.13 0.00	24.22 1.23 0.00	28.22 1.51 0.00	33.43 1.59 -5.45	32.41 1.96 -1.38	32.79 1.88 -4.03	33.48 2.11 -2.43	33.42 1.82 -5.39	38.44 2.17 -0.29	36.32 1.94 0.00	39.28 2.11 0.00	40.80 2.16 0.00	39.62 2.41 0.00	30.71 1.74 0.00	29.13 1.76 0.00	28.88 1.82 -0.94	28.72 1.77 -1.42
KEDC_GLWD_GT5 24220	22.79 1.25 -0.11	22.48 1.25 0.00	20.96 1.10 0.00	21.35 1.05 0.00	22.59 0.96 0.00	23.11 0.96 0.00	21.99 1.01 0.00	22.68 1.13 0.00	24.22 1.23 0.00	28.22 1.51 0.00	33.43 1.59 -5.45	32.41 1.96 -1.38	32.79 1.88 -4.03	33.48 2.11 -2.43	33.42 1.82 -5.39	38.44 2.17 -0.29	36.32 1.94 0.00	39.28 2.11 0.00	40.80 2.16 0.00	39.62 2.41 0.00	30.71 1.74 0.00	29.13 1.76 0.00	28.88 1.82 -0.94	28.72 1.77 -1.42



KENSICO____ 23655	22.27 0.84 0.00	22.09 0.86 0.00	20.61 0.74 0.00	21.02 0.71 0.00	22.29 0.66 0.00	22.77 0.63 0.00	21.61 0.63 0.00	22.29 0.73 0.00	23.83 0.84 0.00	27.72 1.02 0.00	27.39 0.99 0.00	30.35 1.27 0.00	28.23 1.24 -0.10	30.43 1.43 -0.07	27.87 1.31 -0.35	37.98 1.75 -0.24	36.09 1.72 0.00	38.99 1.82 0.00	40.44 1.80 0.00	38.99 1.78 0.00	30.26 1.29 0.00	28.66 1.28 0.00	27.37 1.25 0.00	26.75 1.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.17 0.74 0.00	21.96 0.73 0.00	20.48 0.62 0.00	20.90 0.59 0.00	22.19 0.56 0.00	22.67 0.52 0.00	21.49 0.51 0.00	22.18 0.63 0.00	23.86 0.87 0.00	27.78 1.07 0.00	27.50 1.10 0.00	30.30 1.22 0.00	28.19 1.25 -0.06	30.39 1.42 -0.04	27.68 1.28 -0.20	38.08 1.97 -0.13	36.32 1.94 0.00	39.29 2.11 0.00	40.74 2.09 0.00	39.25 2.04 0.00	30.48 1.50 0.00	28.82 1.45 0.00	27.50 1.38 0.00	26.84 1.30 0.00
KIAC_JFK_GT1 23816	22.39 0.96 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.07 0.76 0.00	22.37 0.74 0.00	22.84 0.70 0.00	21.69 0.70 0.00	22.42 0.87 0.00	23.96 0.96 0.00	27.84 1.13 0.00	27.47 1.08 0.00	30.48 1.40 0.00	28.37 1.38 -0.10	30.58 1.57 -0.07	27.97 1.41 -0.36	37.98 1.76 -0.24	36.07 1.69 0.00	38.95 1.78 0.00	40.42 1.78 0.00	38.96 1.75 0.00	30.28 1.31 0.00	28.66 1.29 0.00	27.53 1.41 0.00	26.88 1.35 0.00
KIAC_JFK_GT2 23817	22.39 0.96 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.07 0.76 0.00	22.37 0.74 0.00	22.84 0.70 0.00	21.69 0.70 0.00	22.42 0.87 0.00	23.96 0.96 0.00	27.84 1.13 0.00	27.47 1.08 0.00	30.48 1.40 0.00	28.37 1.38 -0.10	30.58 1.57 -0.07	27.97 1.41 -0.36	37.98 1.76 -0.24	36.07 1.69 0.00	38.95 1.78 0.00	40.42 1.78 0.00	38.96 1.75 0.00	30.28 1.31 0.00	28.66 1.29 0.00	27.53 1.41 0.00	26.88 1.35 0.00
KIAC_JFK____ 323774	22.39 0.96 0.00	22.15 0.92 0.00	20.66 0.80 0.00	21.06 0.75 0.00	22.37 0.74 0.00	22.84 0.70 0.00	21.69 0.70 0.00	22.42 0.87 0.00	23.96 0.96 0.00	27.84 1.13 0.00	27.47 1.08 0.00	30.48 1.40 0.00	28.37 1.38 -0.10	30.58 1.57 -0.07	27.97 1.41 -0.36	37.98 1.75 -0.24	36.06 1.68 0.00	38.95 1.78 0.00	40.42 1.78 0.00	38.96 1.75 0.00	30.28 1.31 0.00	28.66 1.29 0.00	27.53 1.41 0.00	26.88 1.34 0.00
KINTIGH____ 23543	20.57 -0.86 0.00	20.34 -0.90 0.00	19.29 -0.58 0.00	19.58 -0.73 0.00	21.01 -0.62 0.00	21.43 -0.71 0.00	20.32 -0.67 0.00	20.75 -0.81 0.00	22.43 -0.56 0.00	26.41 -0.30 0.00	26.21 -0.18 0.00	28.92 -0.16 0.00	26.81 -0.07 0.00	29.31 0.37 0.00	26.76 0.55 0.00	36.38 0.40 0.00	34.32 -0.06 0.00	37.37 0.19 0.00	38.04 -0.61 0.00	36.24 -0.97 0.00	28.40 -0.58 0.00	26.58 -0.79 0.00	25.22 -0.90 0.00	24.40 -1.13 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.09 -0.34 0.00	20.79 -0.45 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.18 -0.45 0.00	22.10 -0.04 0.00	20.89 -0.09 0.00	21.66 0.10 0.00	23.09 0.10 0.00	26.81 0.11 0.00	26.77 0.38 0.00	29.49 0.41 0.00	27.24 0.36 0.00	29.02 0.08 0.00	26.23 0.03 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.10 -0.07 0.00	39.08 0.44 0.00	37.62 0.41 0.00	29.30 0.33 0.00	27.87 0.49 0.00	26.55 0.43 0.00	25.91 0.38 0.00
LACHUTE__HYDRO 323717	24.35 2.92 0.00	24.07 2.84 0.00	22.22 2.35 0.00	22.64 2.33 0.00	24.08 2.45 0.00	24.72 2.58 0.00	23.54 2.56 0.00	24.27 2.72 0.00	25.88 2.88 0.00	29.74 3.03 0.00	28.77 2.38 0.00	31.92 2.84 0.00	29.63 2.85 0.11	32.08 3.20 0.07	28.65 2.80 0.37	39.98 4.24 0.25	38.89 4.51 0.00	42.08 4.90 0.00	44.74 6.09 0.00	43.31 6.09 0.00	33.21 4.23 0.00	31.48 4.11 0.00	29.90 3.78 0.00	29.13 3.60 0.00
LAWRNCALV_115KV_TB1 80681	20.96 -0.47 0.00	20.68 -0.55 0.00	19.38 -0.48 0.00	19.96 -0.35 0.00	21.34 -0.29 0.00	22.11 -0.04 0.00	20.92 -0.06 0.00	21.52 -0.03 0.00	23.02 0.03 0.00	26.85 0.14 0.00	26.70 0.31 0.00	29.35 0.27 0.00	27.10 0.22 0.00	29.00 0.06 0.00	26.21 0.00 0.00	36.06 0.08 0.00	34.35 -0.03 0.00	36.92 -0.25 0.00	38.71 0.07 0.00	37.34 0.13 0.00	29.16 0.19 0.00	27.59 0.22 0.00	26.28 0.17 0.00	25.66 0.13 0.00
LEDERLE____ 23769	22.33 0.90 0.00	22.14 0.91 0.00	20.65 0.79 0.00	21.05 0.74 0.00	22.34 0.72 0.00	22.81 0.67 0.00	21.63 0.65 0.00	22.33 0.77 0.00	23.90 0.91 0.00	27.81 1.11 0.00	27.49 1.10 0.00	30.48 1.40 0.00	28.33 1.36 -0.09	30.55 1.55 -0.06	27.98 1.45 -0.32	38.15 1.95 -0.22	36.27 1.90 0.00	39.19 2.02 0.00	40.63 1.99 0.00	39.13 1.92 0.00	30.38 1.40 0.00	28.77 1.39 0.00	27.47 1.35 0.00	26.85 1.31 0.00
LIGHTHSE_115KV_TB6 355974	20.99 -0.44 0.00	20.74 -0.50 0.00	19.42 -0.45 0.00	19.84 -0.47 0.00	21.23 -0.40 0.00	21.85 -0.29 0.00	20.65 -0.33 0.00	21.14 -0.42 0.00	22.59 -0.41 0.00	26.22 -0.49 0.00	26.01 -0.38 0.00	28.72 -0.36 0.00	26.70 -0.19 0.00	28.84 -0.10 0.00	26.05 -0.16 0.00	35.87 -0.11 0.00	34.36 -0.02 0.00	37.11 -0.06 0.00	38.57 -0.08 0.00	37.20 -0.01 0.00	28.99 0.02 0.00	27.37 0.00 0.00	25.97 -0.15 0.00	25.27 -0.26 0.00
LINDEN COGEN____ 23786	22.23 0.80 0.00	22.05 0.82 0.00	20.57 0.70 0.00	20.97 0.65 0.00	22.24 0.61 0.00	22.71 0.57 0.00	21.55 0.57 0.00	22.25 0.70 0.00	23.80 0.80 0.00	27.68 0.97 0.00	27.33 0.93 0.00	30.31 1.23 0.00	28.19 1.20 -0.10	30.39 1.38 -0.07	27.84 1.28 -0.36	37.93 1.70 -0.24	36.04 1.66 0.00	38.91 1.73 0.00	40.34 1.69 0.00	38.88 1.67 0.00	30.20 1.22 0.00	28.59 1.22 0.00	27.32 1.20 0.00	26.72 1.18 0.00
LINDHRST_69_KV_BK1 356055	22.98 1.44 -0.11	22.66 1.43 0.00	21.13 1.27 0.00	21.50 1.19 0.00	22.73 1.10 0.00	23.26 1.12 0.00	22.16 1.18 0.00	22.85 1.30 0.00	24.38 1.39 0.00	28.43 1.72 0.00	33.63 1.80 -5.44	32.61 2.15 -1.38	32.96 2.05 -4.03	33.67 2.30 -2.43	33.75 2.16 -5.39	39.01 2.74 -0.29	36.79 2.42 0.00	39.87 2.70 0.00	41.43 2.79 0.00	39.93 2.72 0.00	30.93 1.96 0.00	29.34 1.96 0.00	29.15 2.09 -0.94	28.98 2.03 -1.42
LIPA_MISC_IPP 23656	22.65 1.11 -0.11	22.37 1.13 0.00	20.87 1.01 0.00	21.23 0.92 0.00	22.40 0.78 0.00	22.98 0.83 0.00	21.91 0.92 0.00	22.55 0.99 0.00	24.04 1.04 0.00	28.01 1.31 0.00	33.22 1.38 -5.44	32.16 1.70 -1.38	32.58 1.67 -4.03	33.30 1.93 -2.43	33.42 1.83 -5.39	38.59 2.32 -0.29	36.35 1.97 0.00	39.43 2.26 0.00	41.07 2.43 0.00	39.57 2.36 0.00	30.60 1.63 0.00	29.01 1.64 0.00	28.82 1.76 -0.94	28.60 1.66 -1.42
LISF__SOLAR 323691	22.69 1.15 -0.11	22.41 1.17 0.00	20.90 1.04 0.00	21.26 0.95 0.00	22.44 0.81 0.00	23.02 0.88 0.00	21.94 0.96 0.00	22.58 1.03 0.00	24.08 1.09 0.00	28.05 1.34 0.00	33.24 1.41 -5.45	32.19 1.73 -1.38	32.60 1.70 -4.03	33.33 1.96 -2.43	33.45 1.86 -5.39	38.66 2.39 -0.29	36.43 2.06 0.00	39.53 2.36 0.00	41.18 2.54 0.00	39.68 2.47 0.00	30.68 1.71 0.00	29.08 1.71 0.00	28.88 1.82 -0.94	28.66 1.71 -1.42



LITTLE FALLS___HYD 24013	21.43 0.00 0.00	21.32 0.08 0.00	19.93 0.07 0.00	20.39 0.08 0.00	21.65 0.02 0.00	22.03 -0.12 0.00	20.92 -0.06 0.00	21.55 0.00 0.00	22.87 -0.13 0.00	26.34 -0.36 0.00	25.74 -0.65 0.00	28.78 -0.30 0.00	26.78 -0.10 0.00	28.69 -0.25 0.00	25.90 -0.31 0.00	35.88 -0.10 0.00	34.48 0.10 0.00	37.30 0.13 0.00	38.81 0.16 0.00	37.50 0.28 0.00	29.14 0.16 0.00	27.55 0.18 0.00	26.27 0.15 0.00	25.62 0.09 0.00
LITTLRIV_115KV_TB1 356100	21.23 -0.20 0.00	20.92 -0.31 0.00	19.63 -0.24 0.00	20.20 -0.11 0.00	21.59 -0.03 0.00	22.38 0.23 0.00	21.20 0.22 0.00	21.81 0.25 0.00	23.32 0.33 0.00	27.19 0.48 0.00	27.03 0.64 0.00	29.73 0.65 0.00	27.45 0.57 0.00	29.33 0.39 0.00	26.52 0.31 0.00	36.51 0.52 0.00	34.81 0.43 0.00	37.38 0.21 0.00	39.22 0.58 0.00	37.85 0.64 0.00	29.60 0.62 0.00	28.00 0.63 0.00	26.66 0.54 0.00	26.01 0.48 0.00
LI_NEWBRDGE___DRP 323616	22.60 1.06 -0.11	22.29 1.06 0.00	20.80 0.94 0.00	21.19 0.88 0.00	22.41 0.79 0.00	22.93 0.79 0.00	21.82 0.84 0.00	22.50 0.95 0.00	24.01 1.01 0.00	27.95 1.24 0.00	33.13 1.30 -5.44	32.07 1.61 -1.38	32.47 1.56 -4.03	33.13 1.76 -2.43	33.21 1.61 -5.39	38.28 2.01 -0.29	36.14 1.77 0.00	39.10 1.92 0.00	40.60 1.96 0.00	39.17 1.96 0.00	30.36 1.39 0.00	28.80 1.43 0.00	28.59 1.54 -0.94	28.45 1.50 -1.42
LOCKPORT_115KV_TB60_63_64 80432	20.56 -0.87 0.00	20.27 -0.96 0.00	19.26 -0.60 0.00	19.54 -0.78 0.00	20.98 -0.65 0.00	21.40 -0.74 0.00	20.28 -0.70 0.00	20.67 -0.88 0.00	22.44 -0.56 0.00	26.50 -0.20 0.00	26.32 -0.08 0.00	28.99 -0.09 0.00	26.92 0.03 0.00	29.49 0.55 0.00	26.96 0.75 0.00	36.58 0.59 0.00	34.48 0.10 0.00	37.57 0.40 0.00	38.10 -0.55 0.00	36.23 -0.98 0.00	28.47 -0.51 0.00	26.62 -0.76 0.00	25.19 -0.93 0.00	24.31 -1.22 0.00
LOCKPORT___CC1 323769	20.51 -0.92 0.00	20.23 -1.00 0.00	19.22 -0.64 0.00	19.51 -0.80 0.00	20.95 -0.68 0.00	21.37 -0.77 0.00	20.25 -0.73 0.00	20.65 -0.91 0.00	22.41 -0.59 0.00	26.47 -0.24 0.00	26.29 -0.10 0.00	28.96 -0.12 0.00	26.87 -0.01 0.00	29.44 0.50 0.00	26.93 0.71 0.00	36.52 0.54 0.00	34.43 0.05 0.00	37.50 0.32 0.00	38.02 -0.62 0.00	36.17 -1.04 0.00	28.41 -0.56 0.00	26.57 -0.81 0.00	25.15 -0.97 0.00	24.27 -1.26 0.00
LOCKPORT___CC2 323770	20.51 -0.92 0.00	20.23 -1.00 0.00	19.22 -0.64 0.00	19.51 -0.80 0.00	20.95 -0.68 0.00	21.37 -0.77 0.00	20.25 -0.73 0.00	20.65 -0.91 0.00	22.41 -0.59 0.00	26.47 -0.24 0.00	26.29 -0.10 0.00	28.96 -0.12 0.00	26.87 -0.01 0.00	29.44 0.50 0.00	26.93 0.71 0.00	36.52 0.54 0.00	34.43 0.05 0.00	37.50 0.32 0.00	38.02 -0.62 0.00	36.17 -1.04 0.00	28.41 -0.56 0.00	26.57 -0.81 0.00	25.15 -0.97 0.00	24.27 -1.26 0.00
LOCKPORT___CC3 323771	20.51 -0.92 0.00	20.23 -1.00 0.00	19.22 -0.64 0.00	19.51 -0.80 0.00	20.95 -0.68 0.00	21.37 -0.77 0.00	20.25 -0.73 0.00	20.65 -0.91 0.00	22.41 -0.59 0.00	26.47 -0.24 0.00	26.29 -0.10 0.00	28.96 -0.12 0.00	26.87 -0.01 0.00	29.44 0.50 0.00	26.93 0.71 0.00	36.52 0.54 0.00	34.43 0.05 0.00	37.50 0.32 0.00	38.02 -0.62 0.00	36.17 -1.04 0.00	28.41 -0.56 0.00	26.57 -0.81 0.00	25.15 -0.97 0.00	24.27 -1.26 0.00
LONG_LAKE_PHOENIX 24014	21.16 -0.27 0.00	20.94 -0.29 0.00	19.62 -0.25 0.00	20.04 -0.27 0.00	21.37 -0.26 0.00	21.85 -0.29 0.00	20.72 -0.26 0.00	21.25 -0.31 0.00	22.64 -0.35 0.00	26.28 -0.43 0.00	26.02 -0.37 0.00	28.71 -0.37 0.00	26.59 -0.29 0.00	28.72 -0.22 0.00	26.04 -0.16 0.00	35.73 -0.25 0.00	34.14 -0.23 0.00	36.98 -0.19 0.00	38.31 -0.34 0.00	36.87 -0.34 0.00	28.73 -0.24 0.00	27.06 -0.31 0.00	25.76 -0.36 0.00	25.12 -0.41 0.00
LOVETT___3 23632	22.18 0.75 0.00	22.01 0.78 0.00	20.53 0.67 0.00	20.93 0.62 0.00	22.22 0.59 0.00	22.68 0.54 0.00	21.51 0.53 0.00	22.20 0.64 0.00	23.74 0.75 0.00	27.63 0.92 0.00	27.29 0.90 0.00	30.25 1.17 0.00	28.12 1.15 -0.10	30.31 1.31 -0.06	27.75 1.22 -0.33	37.84 1.63 -0.22	35.97 1.59 0.00	38.86 1.69 0.00	40.31 1.66 0.00	38.84 1.63 0.00	30.15 1.17 0.00	28.55 1.18 0.00	27.27 1.15 0.00	26.67 1.13 0.00
LOVETT___4 23642	22.18 0.75 0.00	22.01 0.78 0.00	20.53 0.67 0.00	20.93 0.62 0.00	22.22 0.59 0.00	22.68 0.54 0.00	21.51 0.53 0.00	22.20 0.64 0.00	23.74 0.75 0.00	27.63 0.92 0.00	27.29 0.90 0.00	30.25 1.17 0.00	28.12 1.15 -0.10	30.31 1.31 -0.06	27.75 1.22 -0.33	37.84 1.63 -0.22	35.97 1.59 0.00	38.86 1.69 0.00	40.31 1.66 0.00	38.84 1.63 0.00	30.15 1.17 0.00	28.55 1.18 0.00	27.27 1.15 0.00	26.67 1.13 0.00
LOVETT___5 23593	22.18 0.75 0.00	22.01 0.78 0.00	20.53 0.67 0.00	20.93 0.62 0.00	22.22 0.59 0.00	22.68 0.54 0.00	21.51 0.53 0.00	22.20 0.64 0.00	23.74 0.75 0.00	27.63 0.92 0.00	27.29 0.90 0.00	30.25 1.17 0.00	28.12 1.15 -0.10	30.31 1.31 -0.06	27.75 1.22 -0.33	37.84 1.63 -0.22	35.97 1.59 0.00	38.86 1.69 0.00	40.31 1.66 0.00	38.84 1.63 0.00	30.15 1.17 0.00	28.55 1.18 0.00	27.27 1.15 0.00	26.67 1.13 0.00
LOWER RAQUET___HYD 24057	20.83 -0.60 0.00	20.53 -0.70 0.00	19.25 -0.61 0.00	19.86 -0.45 0.00	21.26 -0.37 0.00	22.06 -0.08 0.00	20.88 -0.10 0.00	21.47 -0.09 0.00	22.98 -0.02 0.00	26.81 0.10 0.00	26.68 0.29 0.00	29.34 0.26 0.00	27.12 0.23 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.08 0.10 0.00	34.37 -0.01 0.00	36.93 -0.24 0.00	38.73 0.09 0.00	37.36 0.15 0.00	29.19 0.22 0.00	27.62 0.24 0.00	26.29 0.17 0.00	25.65 0.12 0.00
LOWER___HUDSON 24059	22.16 0.73 0.00	22.04 0.81 0.00	20.57 0.70 0.00	21.03 0.72 0.00	22.36 0.73 0.00	22.85 0.71 0.00	21.64 0.65 0.00	22.24 0.69 0.00	23.65 0.66 0.00	27.33 0.63 0.00	26.83 0.43 0.00	29.64 0.56 0.00	27.35 0.60 0.13	29.58 0.73 0.09	26.30 0.55 0.46	36.56 0.88 0.31	35.41 1.04 0.00	38.33 1.16 0.00	39.92 1.27 0.00	38.50 1.29 0.00	29.86 0.89 0.00	28.26 0.89 0.00	26.91 0.79 0.00	26.29 0.76 0.00
LOWVILLE_115KV_TB2 356335	20.85 -0.58 0.00	20.50 -0.73 0.00	19.18 -0.68 0.00	19.71 -0.60 0.00	21.22 -0.40 0.00	22.08 -0.06 0.00	20.80 -0.19 0.00	21.26 -0.30 0.00	22.80 -0.20 0.00	26.43 -0.27 0.00	26.31 -0.08 0.00	28.95 -0.13 0.00	27.09 0.21 0.00	29.23 0.29 0.00	26.44 0.23 0.00	36.37 0.39 0.00	35.04 0.66 0.00	37.64 0.47 0.00	39.47 0.83 0.00	38.23 1.02 0.00	29.78 0.80 0.00	28.11 0.74 0.00	26.51 0.39 0.00	25.77 0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.76 1.33 0.00	22.58 1.35 0.00	21.05 1.19 0.00	21.52 1.21 0.00	22.89 1.26 0.00	23.41 1.27 0.00	22.18 1.20 0.00	22.82 1.27 0.00	24.31 1.32 0.00	28.09 1.38 0.00	27.52 1.13 0.00	30.45 1.37 0.00	28.17 1.40 0.11	30.41 1.54 0.07	27.13 1.32 0.39	37.66 1.95 0.27	36.52 2.14 0.00	39.54 2.37 0.00	41.31 2.67 0.00	39.84 2.63 0.00	30.91 1.94 0.00	29.24 1.87 0.00	27.80 1.67 0.00	27.11 1.58 0.00



LUTHERNY_35_KV_BK2 355980	22.75 1.33 0.00	22.57 1.33 0.00	21.05 1.19 0.00	21.51 1.20 0.00	22.88 1.26 0.00	23.42 1.28 0.00	22.19 1.20 0.00	22.84 1.29 0.00	24.34 1.34 0.00	28.10 1.40 0.00	27.54 1.15 0.00	30.47 1.39 0.00	28.22 1.45 0.11	30.42 1.56 0.07	27.14 1.33 0.39	37.74 2.02 0.27	36.55 2.18 0.00	39.58 2.41 0.00	41.32 2.67 0.00	39.88 2.67 0.00	30.94 1.96 0.00	29.29 1.91 0.00	27.81 1.69 0.00	27.12 1.59 0.00
LWR___OSWEGATCHIE_HYD 23850	20.78 -0.65 0.00	20.46 -0.77 0.00	19.15 -0.71 0.00	19.73 -0.58 0.00	21.18 -0.45 0.00	22.01 -0.13 0.00	20.78 -0.20 0.00	21.31 -0.24 0.00	22.84 -0.15 0.00	26.57 -0.14 0.00	26.44 0.05 0.00	29.11 0.03 0.00	27.08 0.19 0.00	29.10 0.16 0.00	26.27 0.06 0.00	36.18 0.19 0.00	34.67 0.29 0.00	37.23 0.06 0.00	39.04 0.40 0.00	37.74 0.53 0.00	29.43 0.46 0.00	27.81 0.44 0.00	26.35 0.23 0.00	25.65 0.11 0.00
LYONS_FALL_HYD 23570	21.21 -0.22 0.00	20.91 -0.32 0.00	19.57 -0.30 0.00	20.06 -0.25 0.00	21.52 -0.11 0.00	22.24 0.09 0.00	21.00 0.01 0.00	21.52 -0.04 0.00	23.03 0.04 0.00	26.73 0.02 0.00	26.57 0.18 0.00	29.29 0.20 0.00	27.27 0.39 0.00	29.43 0.49 0.00	26.63 0.42 0.00	36.59 0.61 0.00	35.15 0.77 0.00	37.87 0.70 0.00	39.57 0.93 0.00	38.24 1.03 0.00	29.78 0.81 0.00	28.10 0.73 0.00	26.59 0.47 0.00	25.88 0.35 0.00
MADISON___COUNTY_LFGE 323628	21.74 0.31 0.00	21.49 0.26 0.00	20.10 0.24 0.00	20.56 0.25 0.00	21.95 0.33 0.00	22.47 0.33 0.00	21.31 0.33 0.00	21.91 0.36 0.00	23.38 0.38 0.00	27.15 0.44 0.00	26.97 0.58 0.00	29.83 0.75 0.00	27.59 0.71 0.00	29.79 0.85 0.00	26.98 0.76 0.00	37.01 1.03 0.00	35.37 1.00 0.00	38.32 1.15 0.00	39.80 1.16 0.00	38.39 1.18 0.00	29.91 0.93 0.00	28.20 0.83 0.00	26.78 0.66 0.00	26.10 0.56 0.00
MALONE___115KV_TB1 356076	20.99 -0.44 0.00	20.69 -0.54 0.00	19.33 -0.53 0.00	19.83 -0.48 0.00	21.23 -0.40 0.00	22.09 -0.05 0.00	20.84 -0.14 0.00	21.56 0.01 0.00	23.02 0.03 0.00	26.85 0.14 0.00	26.79 0.40 0.00	29.47 0.39 0.00	27.17 0.29 0.00	29.00 0.06 0.00	26.18 -0.03 0.00	36.10 0.12 0.00	34.37 -0.01 0.00	37.00 -0.17 0.00	38.96 0.32 0.00	37.50 0.29 0.00	29.25 0.28 0.00	27.74 0.36 0.00	26.44 0.32 0.00	25.79 0.26 0.00
MAPLEWOD_115KV_TB3 80458	21.93 0.50 0.00	21.81 0.57 0.00	20.36 0.50 0.00	20.84 0.53 0.00	22.14 0.51 0.00	22.62 0.47 0.00	21.43 0.45 0.00	22.02 0.46 0.00	23.42 0.43 0.00	27.09 0.39 0.00	26.65 0.26 0.00	29.46 0.38 0.00	27.21 0.43 0.10	29.42 0.54 0.06	26.28 0.41 0.34	36.34 0.59 0.23	35.16 0.78 0.00	38.06 0.89 0.00	39.58 0.94 0.00	38.14 0.92 0.00	29.60 0.63 0.00	28.00 0.63 0.00	26.67 0.55 0.00	26.05 0.51 0.00
MAPLE_RIDGE_WT_1 323574	20.93 -0.50 0.00	20.72 -0.51 0.00	19.38 -0.48 0.00	19.84 -0.47 0.00	21.18 -0.45 0.00	21.77 -0.38 0.00	20.58 -0.40 0.00	21.16 -0.40 0.00	22.57 -0.42 0.00	26.27 -0.43 0.00	25.99 -0.41 0.00	28.66 -0.42 0.00	26.51 -0.38 0.00	28.54 -0.40 0.00	25.91 -0.31 0.00	35.66 -0.33 0.00	34.12 -0.26 0.00	36.78 -0.39 0.00	38.36 -0.28 0.00	37.02 -0.19 0.00	28.84 -0.13 0.00	27.25 -0.12 0.00	26.00 -0.12 0.00	25.43 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	20.93 -0.50 0.00	20.72 -0.51 0.00	19.38 -0.48 0.00	19.84 -0.47 0.00	21.18 -0.45 0.00	21.77 -0.38 0.00	20.58 -0.40 0.00	21.16 -0.40 0.00	22.57 -0.42 0.00	26.27 -0.43 0.00	25.99 -0.41 0.00	28.66 -0.42 0.00	26.51 -0.38 0.00	28.54 -0.40 0.00	25.91 -0.31 0.00	35.66 -0.33 0.00	34.12 -0.26 0.00	36.78 -0.39 0.00	38.36 -0.28 0.00	37.02 -0.19 0.00	28.84 -0.13 0.00	27.25 -0.12 0.00	26.00 -0.12 0.00	25.43 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	20.87 -0.56 0.00	20.58 -0.65 0.00	19.19 -0.67 0.00	19.65 -0.67 0.00	21.04 -0.58 0.00	21.94 -0.21 0.00	20.69 -0.29 0.00	21.46 -0.10 0.00	22.84 -0.15 0.00	26.57 -0.14 0.00	26.53 0.14 0.00	29.18 0.10 0.00	26.91 0.02 0.00	28.69 -0.25 0.00	25.92 -0.29 0.00	35.74 -0.24 0.00	34.06 -0.32 0.00	36.68 -0.50 0.00	38.63 -0.01 0.00	37.17 -0.04 0.00	28.97 -0.01 0.00	27.51 0.14 0.00	26.25 0.12 0.00	25.65 0.11 0.00
MARSHVLE_115KV_TB1 80742	22.60 1.16 0.00	22.30 1.06 0.00	20.86 1.00 0.00	21.35 1.04 0.00	22.77 1.14 0.00	23.39 1.25 0.00	22.13 1.15 0.00	22.73 1.17 0.00	24.29 1.29 0.00	28.20 1.49 0.00	27.84 1.45 0.00	31.05 1.97 0.00	28.70 1.87 0.06	30.68 1.78 0.04	27.79 1.78 0.20	38.44 2.59 0.14	36.72 2.35 0.00	39.66 2.49 0.00	41.16 2.51 0.00	39.69 2.48 0.00	30.94 1.97 0.00	29.25 1.88 0.00	27.85 1.73 0.00	27.13 1.60 0.00
MARSH_HILL_WT_PWR 323713	19.94 -1.49 0.00	19.66 -1.57 0.00	18.54 -1.32 0.00	18.54 -1.77 0.00	19.88 -1.74 0.00	20.75 -1.39 0.00	20.37 -0.61 0.00	20.87 -0.69 0.00	22.30 -0.69 0.00	26.78 0.07 0.00	27.17 0.78 0.00	30.23 1.15 0.00	27.65 0.77 0.00	30.40 1.46 0.00	27.47 1.27 0.00	37.65 1.66 0.00	35.62 1.24 0.00	38.49 1.32 0.00	40.24 1.59 0.00	39.33 2.12 0.00	31.24 2.27 0.00	29.07 1.69 0.00	27.65 1.53 0.00	26.67 1.14 0.00
MCINTYRE_115KV_TB2 80467	21.54 0.10 0.00	21.23 0.00 0.00	19.92 0.05 0.00	20.46 0.14 0.00	21.83 0.20 0.00	22.57 0.43 0.00	21.40 0.42 0.00	22.02 0.46 0.00	23.52 0.53 0.00	27.40 0.69 0.00	27.18 0.79 0.00	29.89 0.82 0.00	27.57 0.69 0.00	29.44 0.50 0.00	26.63 0.42 0.00	36.65 0.66 0.00	34.94 0.56 0.00	37.50 0.33 0.00	39.39 0.74 0.00	38.00 0.79 0.00	29.77 0.79 0.00	28.16 0.78 0.00	26.82 0.70 0.00	26.20 0.66 0.00
MECO_____69_KV_BK1 80468	22.76 1.33 0.00	22.49 1.26 0.00	21.02 1.16 0.00	21.50 1.19 0.00	22.91 1.28 0.00	23.48 1.34 0.00	22.23 1.25 0.00	22.82 1.26 0.00	24.33 1.34 0.00	28.19 1.48 0.00	27.61 1.22 0.00	30.98 1.90 0.00	28.73 1.91 0.07	30.67 1.77 0.04	27.68 1.69 0.22	38.53 2.69 0.15	37.01 2.63 0.00	39.97 2.80 0.00	41.55 2.91 0.00	40.07 2.86 0.00	31.21 2.24 0.00	29.47 2.10 0.00	28.03 1.92 0.00	27.29 1.75 0.00
MENANDS___115KV_TB5 355628	21.79 0.36 0.00	21.67 0.44 0.00	20.25 0.39 0.00	20.72 0.41 0.00	22.01 0.38 0.00	22.48 0.34 0.00	21.30 0.32 0.00	21.89 0.33 0.00	23.28 0.29 0.00	26.92 0.21 0.00	26.48 0.09 0.00	29.27 0.19 0.00	27.01 0.23 0.10	29.21 0.33 0.06	26.09 0.22 0.34	36.11 0.36 0.23	34.90 0.52 0.00	37.77 0.60 0.00	39.28 0.64 0.00	37.86 0.65 0.00	29.38 0.41 0.00	27.80 0.42 0.00	26.48 0.36 0.00	25.87 0.33 0.00
MG INDUSTRY___DRP 24185	21.84 0.41 0.00	21.72 0.49 0.00	20.30 0.44 0.00	20.80 0.49 0.00	22.11 0.48 0.00	22.59 0.45 0.00	21.39 0.41 0.00	21.94 0.39 0.00	23.32 0.32 0.00	26.96 0.25 0.00	26.53 0.14 0.00	29.32 0.24 0.00	27.07 0.24 0.06	29.23 0.32 0.04	26.27 0.25 0.19	36.17 0.32 0.13	34.96 0.58 0.00	37.88 0.71 0.00	39.40 0.75 0.00	37.96 0.75 0.00	29.49 0.52 0.00	27.88 0.51 0.00	26.58 0.46 0.00	25.97 0.44 0.00



MID___OSWEGATCHIE_HYD 23849	20.78 -0.65 0.00	20.46 -0.77 0.00	19.15 -0.71 0.00	19.73 -0.58 0.00	21.18 -0.45 0.00	22.01 -0.13 0.00	20.78 -0.20 0.00	21.31 -0.24 0.00	22.84 -0.15 0.00	26.57 -0.14 0.00	26.44 0.05 0.00	29.11 0.03 0.00	27.08 0.19 0.00	29.10 0.16 0.00	26.27 0.06 0.00	36.18 0.19 0.00	34.67 0.29 0.00	37.23 0.06 0.00	39.04 0.40 0.00	37.74 0.53 0.00	29.43 0.46 0.00	27.81 0.44 0.00	26.35 0.23 0.00	25.65 0.11 0.00
MID___RAQUETTE_HYD 23851	20.83 -0.60 0.00	20.53 -0.70 0.00	19.25 -0.61 0.00	19.86 -0.45 0.00	21.26 -0.37 0.00	22.06 -0.08 0.00	20.88 -0.11 0.00	21.47 -0.09 0.00	22.98 -0.02 0.00	26.81 0.10 0.00	26.68 0.29 0.00	29.34 0.26 0.00	27.12 0.23 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.08 0.10 0.00	34.37 -0.01 0.00	36.93 -0.24 0.00	38.73 0.09 0.00	37.36 0.15 0.00	29.19 0.22 0.00	27.62 0.24 0.00	26.29 0.17 0.00	25.65 0.12 0.00
MILLIKEN___1 23584	21.66 0.23 0.00	21.41 0.18 0.00	20.07 0.20 0.00	20.49 0.18 0.00	21.87 0.25 0.00	22.36 0.22 0.00	21.23 0.25 0.00	21.83 0.27 0.00	23.35 0.36 0.00	27.24 0.53 0.00	26.95 0.56 0.00	29.86 0.78 0.00	27.63 0.74 0.00	29.81 0.87 0.00	27.15 0.94 0.00	37.13 1.15 0.00	35.47 1.09 0.00	38.42 1.25 0.00	39.87 1.22 0.00	38.38 1.17 0.00	29.98 1.00 0.00	28.22 0.85 0.00	26.76 0.64 0.00	26.03 0.50 0.00
MILLIKEN___2 23585	21.66 0.23 0.00	21.41 0.18 0.00	20.07 0.20 0.00	20.49 0.18 0.00	21.87 0.25 0.00	22.36 0.22 0.00	21.23 0.25 0.00	21.83 0.27 0.00	23.35 0.36 0.00	27.24 0.53 0.00	26.95 0.56 0.00	29.86 0.78 0.00	27.63 0.74 0.00	29.81 0.87 0.00	27.15 0.94 0.00	37.13 1.15 0.00	35.47 1.09 0.00	38.42 1.25 0.00	39.87 1.22 0.00	38.38 1.17 0.00	29.98 1.00 0.00	28.22 0.85 0.00	26.76 0.64 0.00	26.03 0.50 0.00
MILLIKEN___DIESEL 23629	21.66 0.23 0.00	21.41 0.18 0.00	20.07 0.20 0.00	20.49 0.18 0.00	21.87 0.25 0.00	22.36 0.22 0.00	21.23 0.25 0.00	21.83 0.27 0.00	23.35 0.36 0.00	27.24 0.53 0.00	26.95 0.56 0.00	29.86 0.78 0.00	27.63 0.74 0.00	29.81 0.87 0.00	27.15 0.94 0.00	37.13 1.15 0.00	35.47 1.09 0.00	38.42 1.25 0.00	39.87 1.22 0.00	38.38 1.17 0.00	29.98 1.00 0.00	28.22 0.85 0.00	26.76 0.64 0.00	26.03 0.50 0.00
MILLSEAT___LFGE 323607	21.07 -0.36 0.00	20.77 -0.46 0.00	19.69 -0.17 0.00	19.97 -0.34 0.00	21.43 -0.20 0.00	21.87 -0.28 0.00	20.73 -0.26 0.00	21.16 -0.39 0.00	22.94 -0.05 0.00	27.07 0.36 0.00	26.86 0.47 0.00	29.52 0.44 0.00	27.43 0.55 0.00	30.04 1.10 0.00	27.43 1.22 0.00	37.25 1.26 0.00	35.24 0.87 0.00	38.46 1.29 0.00	39.16 0.51 0.00	37.23 0.02 0.00	29.22 0.25 0.00	27.30 -0.07 0.00	25.82 -0.30 0.00	24.91 -0.63 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.23 0.80 0.00	22.06 0.83 0.00	20.58 0.71 0.00	20.98 0.67 0.00	22.26 0.63 0.00	22.74 0.59 0.00	21.57 0.59 0.00	22.26 0.70 0.00	23.79 0.80 0.00	27.68 0.97 0.00	27.33 0.94 0.00	30.29 1.21 0.00	28.17 1.19 -0.10	30.38 1.37 -0.07	27.81 1.25 -0.35	37.90 1.68 -0.24	36.03 1.65 0.00	38.92 1.74 0.00	40.37 1.72 0.00	38.92 1.71 0.00	30.21 1.23 0.00	28.60 1.23 0.00	27.32 1.20 0.00	26.70 1.16 0.00
MILLWOOD_13_KV_LOAD 356217	22.28 0.85 0.00	22.11 0.88 0.00	20.62 0.76 0.00	21.03 0.72 0.00	22.31 0.68 0.00	22.78 0.64 0.00	21.62 0.64 0.00	22.30 0.75 0.00	23.86 0.86 0.00	27.76 1.05 0.00	27.42 1.02 0.00	30.40 1.32 0.00	28.26 1.28 -0.10	30.46 1.46 -0.07	27.91 1.35 -0.35	38.03 1.81 -0.24	36.15 1.77 0.00	39.05 1.88 0.00	40.51 1.87 0.00	39.04 1.83 0.00	30.31 1.34 0.00	28.70 1.32 0.00	27.41 1.29 0.00	26.77 1.24 0.00
MODEL_CITY_ENERGY 24167	20.33 -1.09 0.00	20.05 -1.19 0.00	19.06 -0.80 0.00	19.34 -0.98 0.00	20.76 -0.86 0.00	21.20 -0.95 0.00	20.09 -0.90 0.00	20.47 -1.09 0.00	22.20 -0.80 0.00	26.21 -0.50 0.00	26.03 -0.36 0.00	28.70 -0.38 0.00	26.63 -0.25 0.00	29.18 0.24 0.00	26.68 0.47 0.00	36.17 0.19 0.00	34.09 -0.29 0.00	37.14 -0.03 0.00	37.63 -1.02 0.00	35.78 -1.43 0.00	28.12 -0.86 0.00	26.31 -1.07 0.00	24.91 -1.21 0.00	24.04 -1.49 0.00
MODERN_LFGE___ 323580	20.33 -1.09 0.00	20.05 -1.19 0.00	19.06 -0.80 0.00	19.34 -0.98 0.00	20.76 -0.86 0.00	21.20 -0.95 0.00	20.09 -0.90 0.00	20.47 -1.09 0.00	22.20 -0.80 0.00	26.21 -0.50 0.00	26.03 -0.36 0.00	28.70 -0.38 0.00	26.63 -0.25 0.00	29.18 0.24 0.00	26.68 0.47 0.00	36.17 0.19 0.00	34.09 -0.29 0.00	37.14 -0.03 0.00	37.63 -1.02 0.00	35.78 -1.43 0.00	28.12 -0.86 0.00	26.31 -1.07 0.00	24.91 -1.21 0.00	24.04 -1.49 0.00
MOHAWK_PAPER___DRP 24187	21.93 0.50 0.00	21.81 0.57 0.00	20.36 0.50 0.00	20.84 0.53 0.00	22.14 0.51 0.00	22.62 0.47 0.00	21.43 0.45 0.00	22.02 0.46 0.00	23.42 0.43 0.00	27.09 0.39 0.00	26.65 0.26 0.00	29.46 0.38 0.00	27.21 0.43 0.10	29.42 0.54 0.06	26.28 0.41 0.34	36.34 0.59 0.23	35.16 0.78 0.00	38.06 0.89 0.00	39.58 0.94 0.00	38.14 0.92 0.00	29.60 0.63 0.00	28.00 0.63 0.00	26.67 0.55 0.00	26.05 0.51 0.00
MOHICAN___35_KV_115KV_LD 80490	23.23 1.80 0.00	23.02 1.79 0.00	21.40 1.54 0.00	21.86 1.55 0.00	23.25 1.62 0.00	23.81 1.66 0.00	22.58 1.60 0.00	23.24 1.69 0.00	24.78 1.79 0.00	28.59 1.88 0.00	27.87 1.48 0.00	30.84 1.76 0.00	28.51 1.74 0.11	30.81 1.94 0.07	27.55 1.71 0.37	38.20 2.47 0.25	37.09 2.71 0.00	40.20 3.03 0.00	42.30 3.65 0.00	40.83 3.62 0.00	31.62 2.65 0.00	29.91 2.54 0.00	28.43 2.31 0.00	27.71 2.18 0.00
MONGAUP___HYD 23641	22.32 0.89 0.00	22.11 0.88 0.00	20.62 0.76 0.00	21.04 0.73 0.00	22.35 0.72 0.00	22.84 0.69 0.00	21.65 0.67 0.00	22.31 0.75 0.00	23.84 0.85 0.00	27.65 0.94 0.00	27.28 0.89 0.00	30.15 1.07 0.00	28.09 1.12 -0.08	30.20 1.20 -0.05	27.37 0.88 -0.28	37.85 1.67 -0.19	36.12 1.74 0.00	39.12 1.95 0.00	40.60 1.95 0.00	39.23 2.02 0.00	30.49 1.51 0.00	28.83 1.45 0.00	27.47 1.35 0.00	26.80 1.27 0.00
MONTAUK___DIESEL 23721	23.40 1.87 -0.11	23.06 1.83 0.00	21.51 1.65 0.00	21.78 1.47 0.00	22.88 1.25 0.00	23.54 1.39 0.00	22.55 1.57 0.00	23.29 1.73 0.00	24.93 1.93 0.00	29.21 2.51 0.00	34.64 2.80 -5.44	33.57 3.11 -1.38	33.83 2.93 -4.03	34.87 3.50 -2.43	34.77 3.17 -5.39	40.66 4.39 -0.29	38.45 4.07 0.00	41.69 4.51 0.00	43.42 4.78 0.00	41.77 4.56 0.00	32.32 3.35 0.00	30.43 3.06 0.00	30.19 3.14 -0.94	29.95 3.00 -1.42
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.28 -1.15 0.00	20.03 -1.21 0.00	19.25 -0.61 0.00	19.69 -0.63 0.00	20.80 -0.82 0.00	21.01 -1.13 0.00	19.86 -1.12 0.00	20.62 -0.94 0.00	23.07 0.07 0.00	27.33 0.62 0.00	26.90 0.50 0.00	29.70 0.62 0.00	27.41 0.53 0.00	29.97 1.03 0.00	27.40 1.19 0.00	37.34 1.35 0.00	35.32 0.94 0.00	38.43 1.25 0.00	39.35 0.70 0.00	37.53 0.32 0.00	29.26 0.29 0.00	27.55 0.17 0.00	26.05 -0.07 0.00	25.17 -0.36 0.00



MORRIS_RIDGE___SOLAR 323848	20.37 -1.07 0.00	20.10 -1.13 0.00	18.97 -0.89 0.00	19.36 -0.95 0.00	20.75 -0.88 0.00	21.27 -0.87 0.00	20.19 -0.79 0.00	20.63 -0.93 0.00	22.30 -0.69 0.00	26.44 -0.26 0.00	26.35 -0.04 0.00	29.18 0.10 0.00	26.98 0.09 0.00	29.28 0.34 0.00	26.78 0.57 0.00	36.53 0.54 0.00	34.58 0.20 0.00	37.41 0.24 0.00	38.41 -0.24 0.00	36.89 -0.31 0.00	28.96 -0.01 0.00	27.15 -0.23 0.00	25.64 -0.48 0.00	24.79 -0.74 0.00
MORTIMER_115KV_TB3 55949	21.15 -0.28 0.00	20.89 -0.34 0.00	19.71 -0.15 0.00	20.03 -0.28 0.00	21.44 -0.19 0.00	21.89 -0.25 0.00	20.76 -0.22 0.00	21.24 -0.32 0.00	22.87 -0.12 0.00	26.84 0.13 0.00	26.62 0.23 0.00	29.38 0.30 0.00	27.25 0.37 0.00	29.72 0.78 0.00	27.10 0.89 0.00	36.93 0.95 0.00	34.96 0.58 0.00	38.07 0.90 0.00	39.00 0.35 0.00	37.23 0.01 0.00	29.12 0.14 0.00	27.27 -0.10 0.00	25.86 -0.26 0.00	25.05 -0.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.36 0.93 0.00	22.18 0.94 0.00	20.69 0.83 0.00	21.09 0.78 0.00	22.37 0.74 0.00	22.85 0.70 0.00	21.69 0.71 0.00	22.39 0.83 0.00	23.93 0.94 0.00	27.84 1.13 0.00	27.51 1.12 0.00	30.50 1.42 0.00	28.37 1.39 -0.10	30.58 1.57 -0.07	28.01 1.45 -0.36	38.16 1.93 -0.24	36.27 1.89 0.00	39.15 1.98 0.00	40.60 1.95 0.00	39.14 1.93 0.00	30.40 1.42 0.00	28.78 1.41 0.00	27.49 1.37 0.00	26.87 1.34 0.00
MUNSVILLE_WIND_PWR 323609	22.15 0.72 0.00	21.80 0.57 0.00	20.61 0.74 0.00	20.93 0.61 0.00	22.47 0.84 0.00	22.99 0.85 0.00	21.85 0.87 0.00	22.57 1.02 0.00	24.19 1.19 0.00	28.35 1.65 0.00	28.13 1.74 0.00	31.12 2.04 0.00	28.79 1.90 0.00	31.03 2.09 0.00	28.22 2.01 0.00	38.52 2.53 0.00	36.98 2.60 0.00	40.12 2.95 0.00	41.67 3.02 0.00	40.09 2.88 0.00	31.49 2.51 0.00	29.57 2.20 0.00	27.90 1.78 0.00	27.18 1.65 0.00
N SALMON___HYD 24042	20.99 -0.44 0.00	20.69 -0.54 0.00	19.33 -0.53 0.00	19.83 -0.48 0.00	21.23 -0.40 0.00	22.09 -0.05 0.00	20.84 -0.14 0.00	21.56 0.01 0.00	23.02 0.03 0.00	26.85 0.14 0.00	26.79 0.39 0.00	29.47 0.39 0.00	27.17 0.29 0.00	29.00 0.06 0.00	26.17 -0.04 0.00	36.11 0.12 0.00	34.37 -0.01 0.00	37.00 -0.17 0.00	38.96 0.32 0.00	37.50 0.29 0.00	29.25 0.28 0.00	27.74 0.36 0.00	26.44 0.32 0.00	25.79 0.26 0.00
N.AKRON__115KV_KNAPP 355671	20.96 -0.47 0.00	20.66 -0.57 0.00	19.60 -0.26 0.00	19.88 -0.43 0.00	21.33 -0.29 0.00	21.77 -0.37 0.00	20.63 -0.35 0.00	21.06 -0.50 0.00	22.84 -0.16 0.00	26.97 0.26 0.00	26.77 0.38 0.00	29.43 0.35 0.00	27.35 0.47 0.00	29.96 1.02 0.00	27.37 1.16 0.00	37.15 1.16 0.00	35.10 0.72 0.00	38.30 1.13 0.00	38.92 0.27 0.00	37.01 -0.20 0.00	29.05 0.08 0.00	27.15 -0.22 0.00	25.69 -0.43 0.00	24.77 -0.76 0.00
N.BELMOR_69_KV_BK1 55787	22.81 1.28 -0.11	22.50 1.27 0.00	20.98 1.12 0.00	21.36 1.05 0.00	22.60 0.97 0.00	23.11 0.97 0.00	22.00 1.02 0.00	22.69 1.14 0.00	24.22 1.22 0.00	28.22 1.51 0.00	33.44 1.60 -5.44	32.40 1.94 -1.38	32.78 1.87 -4.03	33.49 2.12 -2.43	33.53 1.94 -5.39	38.72 2.45 -0.29	36.57 2.19 0.00	39.55 2.38 0.00	41.06 2.42 0.00	39.61 2.40 0.00	30.72 1.75 0.00	29.13 1.76 0.00	28.92 1.86 -0.94	28.76 1.82 -1.42
N.E_GEN_SANDY PD 24062	22.01 0.58 0.00	21.91 0.68 0.00	24.34 0.55 -3.93	26.07 0.56 -5.19	25.56 0.54 -3.39	24.04 0.51 -1.39	21.45 0.47 0.00	22.08 0.52 0.00	23.50 0.50 0.00	27.21 0.51 0.00	26.61 0.32 0.10	29.54 0.46 0.00	26.60 0.47 0.75	29.07 0.61 0.48	24.09 0.45 2.57	34.96 0.72 1.75	35.21 0.83 0.00	38.09 0.92 0.00	39.63 0.99 0.00	38.24 1.03 0.00	29.64 0.66 0.00	28.07 0.70 0.00	26.75 0.63 0.00	26.15 0.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.24 0.81 0.00	22.06 0.83 0.00	20.57 0.71 0.00	20.97 0.66 0.00	22.26 0.63 0.00	22.73 0.58 0.00	21.55 0.57 0.00	22.24 0.69 0.00	23.80 0.80 0.00	27.69 0.99 0.00	27.36 0.97 0.00	30.33 1.25 0.00	28.20 1.22 -0.09	30.40 1.40 -0.06	27.84 1.30 -0.32	37.95 1.74 -0.22	36.09 1.71 0.00	38.98 1.81 0.00	40.42 1.78 0.00	38.94 1.73 0.00	30.23 1.26 0.00	28.63 1.26 0.00	27.35 1.23 0.00	26.74 1.20 0.00
N.QUEENS_27_KV_LOAD 356247	22.43 1.00 -0.01	22.24 1.00 -0.01	20.72 0.86 -0.01	21.19 0.87 0.00	22.37 0.75 0.00	22.93 0.79 0.00	21.77 0.78 0.00	22.51 0.95 0.00	24.02 1.03 0.00	27.92 1.21 0.00	27.61 1.22 0.00	30.60 1.53 0.00	28.49 1.50 -0.10	30.69 1.68 -0.07	28.13 1.57 -0.36	38.28 2.06 -0.24	36.38 2.00 0.00	39.25 2.08 0.00	40.74 2.10 0.00	39.29 2.08 0.00	30.48 1.51 0.00	28.88 1.51 0.00	27.61 1.49 0.00	26.97 1.43 0.00
N.TROY___115KV_TB1 355778	22.16 0.73 0.00	22.04 0.81 0.00	20.57 0.70 0.00	21.03 0.72 0.00	22.36 0.73 0.00	22.86 0.71 0.00	21.64 0.65 0.00	22.25 0.69 0.00	23.65 0.66 0.00	27.33 0.63 0.00	26.83 0.43 0.00	29.64 0.57 0.00	27.35 0.60 0.13	29.58 0.73 0.09	26.30 0.55 0.46	36.55 0.88 0.31	35.41 1.04 0.00	38.34 1.17 0.00	39.92 1.27 0.00	38.50 1.29 0.00	29.86 0.89 0.00	28.26 0.89 0.00	26.91 0.79 0.00	26.29 0.76 0.00
NARROWS_GT1_1 24228	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT1_2 24229	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT1_3 24230	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT1_4 24231	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37



NARROWS_GT1_5 24232	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT1_6 24233	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT1_7 24234	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT1_8 24235	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_1 24236	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_2 24237	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_3 24238	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_4 24239	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_5 24240	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_6 24241	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_7 24242	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NARROWS_GT2_8 24243	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	40.89 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.05 2.13 -2.55	39.38 2.20 0.00	40.84 2.19 0.00	39.42 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.26 0.83 0.00	22.10 0.87 0.00	20.65 0.79 0.00	21.14 0.83 0.00	22.47 0.85 0.00	22.97 0.82 0.00	21.77 0.79 0.00	22.35 0.80 0.00	23.72 0.72 0.00	27.35 0.64 0.00	26.85 0.46 0.00	29.73 0.65 0.00	27.42 0.57 0.04	29.71 0.80 0.02	26.84 0.76 0.12	36.75 0.85 0.09	35.74 1.36 0.00	38.83 1.66 0.00	40.48 1.83 0.00	38.96 1.75 0.00	30.23 1.26 0.00	28.53 1.16 0.00	27.13 1.01 0.00	26.43 0.90 0.00
NCHELSEA_115KV_TR2 355582	22.35 0.92 0.00	22.17 0.93 0.00	20.67 0.81 0.00	21.09 0.78 0.00	22.39 0.77 0.00	22.87 0.73 0.00	21.69 0.71 0.00	22.37 0.81 0.00	23.93 0.94 0.00	27.83 1.12 0.00	27.50 1.10 0.00	30.46 1.38 0.00	28.31 1.35 -0.08	30.53 1.54 -0.05	27.88 1.40 -0.27	38.11 1.94 -0.19	36.31 1.94 0.00	39.26 2.09 0.00	40.74 2.10 0.00	39.26 2.05 0.00	30.47 1.50 0.00	28.82 1.45 0.00	27.50 1.38 0.00	26.84 1.31 0.00
NEG CAPITAL___MECHNVIL 23645	22.70 1.27 0.00	22.53 1.30 0.00	21.01 1.14 0.00	21.47 1.16 0.00	22.84 1.21 0.00	23.36 1.21 0.00	22.13 1.14 0.00	22.76 1.20 0.00	24.25 1.25 0.00	28.02 1.32 0.00	27.49 1.10 0.00	30.40 1.32 0.00	28.12 1.36 0.12	30.37 1.51 0.08	27.06 1.27 0.42	37.59 1.89 0.28	36.46 2.08 0.00	39.47 2.30 0.00	41.19 2.55 0.00	39.73 2.52 0.00	30.82 1.85 0.00	29.15 1.78 0.00	27.72 1.60 0.00	27.03 1.50 0.00



NEG CENTRAL_HIGH_ACRES 23767	20.86 -0.57 0.00	20.60 -0.63 0.00	19.41 -0.45 0.00	19.75 -0.56 0.00	21.13 -0.50 0.00	21.59 -0.56 0.00	20.47 -0.51 0.00	20.96 -0.59 0.00	22.53 -0.46 0.00	26.39 -0.32 0.00	26.18 -0.21 0.00	28.92 -0.16 0.00	26.83 -0.05 0.00	29.20 0.26 0.00	26.59 0.38 0.00	36.28 0.30 0.00	34.44 0.07 0.00	37.43 0.25 0.00	38.43 -0.21 0.00	36.76 -0.45 0.00	28.71 -0.26 0.00	26.92 -0.46 0.00	25.51 -0.61 0.00	24.74 -0.79 0.00
NEG CENTRAL___DRP 24199	21.30 -0.13 0.00	21.05 -0.18 0.00	19.76 -0.11 0.00	20.13 -0.18 0.00	21.52 -0.11 0.00	22.01 -0.13 0.00	20.91 -0.07 0.00	21.44 -0.11 0.00	22.97 -0.02 0.00	26.87 0.17 0.00	26.59 0.20 0.00	29.47 0.39 0.00	27.26 0.38 0.00	29.54 0.60 0.00	26.85 0.64 0.00	36.70 0.72 0.00	35.01 0.63 0.00	37.88 0.71 0.00	39.20 0.55 0.00	37.72 0.51 0.00	29.54 0.56 0.00	27.71 0.34 0.00	26.27 0.15 0.00	25.52 -0.02 0.00
NEG CENTRAL___INDECK 23768	21.53 0.10 0.00	21.22 -0.01 0.00	20.00 0.13 0.00	20.35 0.03 0.00	21.79 0.16 0.00	22.30 0.15 0.00	21.19 0.20 0.00	21.67 0.12 0.00	23.35 0.35 0.00	27.46 0.75 0.00	27.36 0.96 0.00	30.06 0.98 0.00	27.81 0.92 0.00	30.22 1.28 0.00	27.68 1.46 0.00	37.64 1.66 0.00	35.54 1.17 0.00	38.86 1.69 0.00	39.71 1.06 0.00	38.50 1.29 0.00	30.30 1.32 0.00	28.37 1.00 0.00	26.79 0.67 0.00	25.86 0.33 0.00
NEG CENTRAL___SENECA 23627	21.26 -0.17 0.00	21.00 -0.23 0.00	19.73 -0.13 0.00	20.09 -0.22 0.00	21.49 -0.14 0.00	21.98 -0.16 0.00	20.90 -0.08 0.00	21.45 -0.11 0.00	23.01 0.02 0.00	26.99 0.28 0.00	26.72 0.33 0.00	29.66 0.58 0.00	27.43 0.54 0.00	29.76 0.82 0.00	27.10 0.90 0.00	36.96 0.97 0.00	35.26 0.88 0.00	38.10 0.93 0.00	39.42 0.77 0.00	37.92 0.71 0.00	29.80 0.82 0.00	27.93 0.55 0.00	26.39 0.27 0.00	25.59 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	21.49 0.06 0.00	21.29 0.05 0.00	19.95 0.09 0.00	20.28 -0.03 0.00	21.71 0.08 0.00	22.25 0.11 0.00	21.12 0.13 0.00	21.57 0.01 0.00	23.12 0.13 0.00	26.94 0.23 0.00	26.62 0.23 0.00	29.42 0.34 0.00	27.26 0.37 0.00	29.48 0.54 0.00	26.65 0.44 0.00	36.62 0.64 0.00	34.90 0.53 0.00	37.86 0.68 0.00	39.20 0.56 0.00	37.71 0.50 0.00	29.45 0.47 0.00	27.59 0.22 0.00	26.30 0.18 0.00	25.61 0.08 0.00
NEG MILLWOOD___DRP 24198	22.41 0.98 0.00	22.22 0.98 0.00	20.72 0.86 0.00	21.13 0.83 0.00	22.43 0.80 0.00	22.91 0.77 0.00	21.74 0.76 0.00	22.43 0.88 0.00	24.00 1.00 0.00	27.92 1.22 0.00	27.59 1.20 0.00	30.58 1.50 0.00	28.43 1.46 -0.09	30.66 1.66 -0.06	28.03 1.51 -0.31	38.27 2.07 -0.21	36.42 2.05 0.00	39.37 2.20 0.00	40.86 2.22 0.00	39.38 2.17 0.00	30.57 1.59 0.00	28.91 1.54 0.00	27.58 1.46 0.00	26.92 1.39 0.00
NEG NORTH_FLCN_SEA 23793	21.10 -0.33 0.00	20.80 -0.43 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.20 -0.43 0.00	22.12 -0.03 0.00	20.91 -0.07 0.00	21.68 0.13 0.00	23.10 0.11 0.00	26.83 0.12 0.00	26.79 0.40 0.00	29.48 0.40 0.00	27.24 0.36 0.00	29.03 0.09 0.00	26.23 0.02 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.09 -0.08 0.00	39.06 0.42 0.00	37.61 0.40 0.00	29.28 0.31 0.00	27.87 0.49 0.00	26.55 0.43 0.00	25.92 0.39 0.00
NEG NORTH_KES_CHATEGAY 23792	20.93 -0.50 0.00	20.63 -0.61 0.00	19.25 -0.61 0.00	19.71 -0.60 0.00	21.11 -0.52 0.00	21.97 -0.18 0.00	20.69 -0.29 0.00	21.43 -0.13 0.00	22.83 -0.17 0.00	26.55 -0.16 0.00	26.51 0.12 0.00	29.16 0.08 0.00	26.88 0.00 0.00	28.67 -0.27 0.00	25.87 -0.34 0.00	35.72 -0.26 0.00	34.02 -0.36 0.00	36.62 -0.55 0.00	38.59 -0.05 0.00	37.13 -0.08 0.00	28.97 -0.01 0.00	27.49 0.12 0.00	26.24 0.12 0.00	25.64 0.11 0.00
NEG NORTH___ALICE_FALLS 23915	21.09 -0.34 0.00	20.79 -0.45 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.18 -0.45 0.00	22.10 -0.04 0.00	20.89 -0.09 0.00	21.66 0.10 0.00	23.09 0.10 0.00	26.81 0.11 0.00	26.77 0.38 0.00	29.49 0.41 0.00	27.24 0.36 0.00	29.02 0.08 0.00	26.23 0.03 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.10 -0.07 0.00	39.08 0.44 0.00	37.62 0.41 0.00	29.30 0.33 0.00	27.87 0.49 0.00	26.55 0.43 0.00	25.91 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	21.09 -0.34 0.00	20.79 -0.45 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.18 -0.45 0.00	22.10 -0.04 0.00	20.89 -0.09 0.00	21.66 0.10 0.00	23.09 0.10 0.00	26.81 0.11 0.00	26.77 0.38 0.00	29.49 0.41 0.00	27.24 0.36 0.00	29.02 0.08 0.00	26.23 0.03 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.10 -0.07 0.00	39.08 0.44 0.00	37.62 0.41 0.00	29.30 0.33 0.00	27.87 0.49 0.00	26.55 0.43 0.00	25.91 0.38 0.00
NEG NORTH___PLATTSBURG 23628	21.09 -0.34 0.00	20.79 -0.45 0.00	19.35 -0.51 0.00	19.80 -0.51 0.00	21.18 -0.45 0.00	22.11 -0.04 0.00	20.89 -0.09 0.00	21.66 0.10 0.00	23.10 0.10 0.00	26.82 0.11 0.00	26.77 0.38 0.00	29.49 0.41 0.00	27.24 0.36 0.00	29.02 0.08 0.00	26.23 0.03 0.00	36.15 0.16 0.00	34.45 0.07 0.00	37.10 -0.07 0.00	39.08 0.44 0.00	37.63 0.42 0.00	29.30 0.33 0.00	27.87 0.49 0.00	26.55 0.42 0.00	25.91 0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	20.51 -0.92 0.00	20.23 -1.00 0.00	19.23 -0.64 0.00	19.51 -0.81 0.00	20.95 -0.69 0.00	21.37 -0.77 0.00	20.25 -0.73 0.00	20.65 -0.91 0.00	22.40 -0.59 0.00	26.47 -0.23 0.00	26.28 -0.11 0.00	28.96 -0.12 0.00	26.87 -0.01 0.00	29.44 0.50 0.00	26.92 0.71 0.00	36.53 0.54 0.00	34.42 0.04 0.00	37.50 0.33 0.00	38.02 -0.63 0.00	36.17 -1.04 0.00	28.41 -0.56 0.00	26.56 -0.81 0.00	25.15 -0.97 0.00	24.27 -1.26 0.00
NEG WEST___LANCASTER 23811	20.61 -0.83 0.00	20.35 -0.88 0.00	19.29 -0.57 0.00	19.61 -0.70 0.00	21.06 -0.56 0.00	21.45 -0.69 0.00	20.35 -0.63 0.00	20.81 -0.75 0.00	22.57 -0.42 0.00	26.60 -0.10 0.00	26.41 0.02 0.00	29.19 0.11 0.00	27.02 0.14 0.00	29.53 0.59 0.00	27.00 0.79 0.00	36.73 0.75 0.00	34.63 0.25 0.00	37.68 0.51 0.00	38.39 -0.25 0.00	36.59 -0.62 0.00	28.68 -0.30 0.00	26.85 -0.53 0.00	25.43 -0.69 0.00	24.60 -0.93 0.00
NEG_PENN_ALLEGHNY 23528	21.37 -0.06 0.00	21.15 -0.09 0.00	19.83 -0.04 0.00	20.26 -0.05 0.00	21.63 0.00 0.00	22.07 -0.07 0.00	20.93 -0.05 0.00	21.51 -0.04 0.00	23.04 0.05 0.00	26.88 0.18 0.00	26.64 0.25 0.00	29.51 0.43 0.00	27.30 0.42 0.00	29.51 0.56 0.00	26.83 0.62 0.00	36.73 0.75 0.00	35.03 0.65 0.00	37.94 0.77 0.00	39.24 0.59 0.00	37.71 0.50 0.00	29.40 0.42 0.00	27.70 0.33 0.00	26.32 0.20 0.00	25.64 0.11 0.00
NEG___GEN_MONROE 24207	21.28 -0.15 0.00	21.02 -0.21 0.00	19.83 -0.03 0.00	20.15 -0.16 0.00	21.57 -0.05 0.00	22.02 -0.12 0.00	20.88 -0.11 0.00	21.36 -0.19 0.00	23.02 0.03 0.00	27.05 0.34 0.00	26.81 0.42 0.00	29.58 0.50 0.00	27.42 0.54 0.00	29.95 1.01 0.00	27.31 1.10 0.00	37.20 1.22 0.00	35.22 0.85 0.00	38.40 1.23 0.00	39.32 0.68 0.00	37.54 0.33 0.00	29.38 0.40 0.00	27.49 0.12 0.00	26.04 -0.08 0.00	25.20 -0.33 0.00



NEPA___ENERGY 23901	20.54 -0.89 0.00	20.30 -0.94 0.00	19.24 -0.62 0.00	19.61 -0.70 0.00	20.99 -0.63 0.00	21.27 -0.87 0.00	20.19 -0.79 0.00	20.74 -0.81 0.00	22.63 -0.36 0.00	26.65 -0.06 0.00	26.46 0.07 0.00	29.30 0.23 0.00	27.08 0.19 0.00	29.50 0.55 0.00	27.00 0.79 0.00	36.78 0.79 0.00	34.77 0.40 0.00	37.78 0.61 0.00	38.65 0.00 0.00	36.86 -0.35 0.00	28.84 -0.13 0.00	27.07 -0.30 0.00	25.64 -0.48 0.00	24.85 -0.68 0.00
NEVERSink___HYD 23608	21.56 0.13 0.00	21.35 0.12 0.00	19.91 0.05 0.00	20.32 0.01 0.00	21.59 -0.04 0.00	22.05 -0.09 0.00	20.91 -0.07 0.00	21.61 0.05 0.00	23.52 0.53 0.00	27.37 0.66 0.00	27.08 0.69 0.00	29.87 0.79 0.00	27.76 0.82 -0.06	29.91 0.93 -0.04	27.27 0.86 -0.20	37.48 1.36 -0.14	35.74 1.36 0.00	38.66 1.48 0.00	40.11 1.46 0.00	38.64 1.43 0.00	30.02 1.04 0.00	28.39 1.02 0.00	27.09 0.97 0.00	26.45 0.91 0.00
NEWKRMKL_115KV_TB1 55635	21.69 0.26 0.00	21.56 0.33 0.00	20.16 0.30 0.00	20.62 0.31 0.00	21.90 0.27 0.00	22.37 0.23 0.00	21.21 0.23 0.00	21.82 0.26 0.00	23.19 0.20 0.00	26.81 0.10 0.00	26.39 0.00 0.00	29.19 0.11 0.00	26.94 0.15 0.09	29.13 0.24 0.06	26.06 0.15 0.30	36.04 0.26 0.21	34.81 0.43 0.00	37.67 0.49 0.00	39.16 0.52 0.00	37.73 0.52 0.00	29.30 0.32 0.00	27.70 0.33 0.00	26.39 0.27 0.00	25.78 0.25 0.00
NEWTON___FALLS_HYD 23847	20.78 -0.65 0.00	20.46 -0.77 0.00	19.15 -0.71 0.00	19.73 -0.58 0.00	21.18 -0.45 0.00	22.01 -0.13 0.00	20.78 -0.20 0.00	21.31 -0.24 0.00	22.84 -0.15 0.00	26.57 -0.14 0.00	26.44 0.05 0.00	29.11 0.03 0.00	27.08 0.19 0.00	29.10 0.16 0.00	26.27 0.06 0.00	36.18 0.19 0.00	34.67 0.29 0.00	37.23 0.06 0.00	39.04 0.40 0.00	37.74 0.53 0.00	29.43 0.46 0.00	27.81 0.44 0.00	26.35 0.23 0.00	25.65 0.11 0.00
NGRID_A1_DSASP 323792	20.12 -1.31 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.15 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.46 0.25 0.00	35.89 -0.10 0.00	33.74 -0.64 0.00	36.76 -0.41 0.00	37.23 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.18 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
NGRID_A2_DSASP 323793	20.12 -1.31 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.15 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.46 0.25 0.00	35.89 -0.10 0.00	33.74 -0.64 0.00	36.76 -0.41 0.00	37.23 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.18 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
NGRID_A4_DSASP 323807	20.12 -1.31 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.15 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.46 0.25 0.00	35.89 -0.10 0.00	33.74 -0.64 0.00	36.76 -0.41 0.00	37.23 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.18 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
NIAGARA_115E_LBMP 323715	20.21 -1.22 0.00	19.92 -1.31 0.00	18.94 -0.91 0.00	19.22 -1.09 0.00	20.65 -0.98 0.00	21.08 -1.06 0.00	19.98 -1.00 0.00	20.35 -1.21 0.00	22.07 -0.92 0.00	26.06 -0.65 0.00	25.87 -0.52 0.00	28.53 -0.55 0.00	26.47 -0.41 0.00	29.01 0.07 0.00	26.53 0.33 0.00	35.96 -0.02 0.00	33.87 -0.51 0.00	36.90 -0.28 0.00	37.37 -1.28 0.00	35.53 -1.68 0.00	27.93 -1.04 0.00	26.13 -1.24 0.00	24.75 -1.38 0.00	23.89 -1.64 0.00
NIAGARA_115W_LBMP 323714	20.08 -1.35 0.00	19.82 -1.42 0.00	18.85 -1.01 0.00	19.12 -1.19 0.00	20.55 -1.08 0.00	20.97 -1.18 0.00	19.87 -1.11 0.00	20.25 -1.31 0.00	21.96 -1.04 0.00	25.92 -0.79 0.00	25.73 -0.66 0.00	28.38 -0.70 0.00	26.33 -0.56 0.00	28.86 -0.08 0.00	26.40 0.19 0.00	35.79 -0.19 0.00	33.67 -0.71 0.00	36.67 -0.50 0.00	37.14 -1.50 0.00	35.30 -1.91 0.00	27.73 -1.24 0.00	25.93 -1.45 0.00	24.57 -1.55 0.00	23.74 -1.79 0.00
NIAGARA_230_LBMP 323716	20.25 -1.18 0.00	20.00 -1.24 0.00	19.01 -0.85 0.00	19.29 -1.02 0.00	20.73 -0.90 0.00	21.14 -1.00 0.00	20.04 -0.94 0.00	20.44 -1.12 0.00	22.14 -0.85 0.00	26.12 -0.59 0.00	25.93 -0.46 0.00	28.59 -0.49 0.00	26.50 -0.38 0.00	29.04 0.10 0.00	26.56 0.35 0.00	36.04 0.05 0.00	33.90 -0.48 0.00	36.93 -0.24 0.00	37.45 -1.19 0.00	35.62 -1.59 0.00	27.96 -1.01 0.00	26.16 -1.22 0.00	24.78 -1.34 0.00	23.95 -1.58 0.00
NIAGARA___115KV_198_GIBSON 55903	20.08 -1.36 0.00	19.82 -1.42 0.00	18.85 -1.01 0.00	19.12 -1.19 0.00	20.55 -1.08 0.00	20.97 -1.18 0.00	19.87 -1.11 0.00	20.25 -1.31 0.00	21.96 -1.04 0.00	25.92 -0.79 0.00	25.73 -0.66 0.00	28.38 -0.70 0.00	26.33 -0.56 0.00	28.85 -0.09 0.00	26.40 0.18 0.00	35.80 -0.19 0.00	33.66 -0.72 0.00	36.67 -0.51 0.00	37.14 -1.51 0.00	35.30 -1.91 0.00	27.73 -1.25 0.00	25.93 -1.45 0.00	24.57 -1.55 0.00	23.74 -1.80 0.00
NIAGARA___ 23760	20.25 -1.18 0.00	20.00 -1.24 0.00	19.01 -0.85 0.00	19.29 -1.02 0.00	20.73 -0.90 0.00	21.14 -1.00 0.00	20.04 -0.94 0.00	20.44 -1.12 0.00	22.14 -0.85 0.00	26.12 -0.59 0.00	25.93 -0.46 0.00	28.59 -0.49 0.00	26.50 -0.38 0.00	29.04 0.10 0.00	26.56 0.35 0.00	36.04 0.05 0.00	33.90 -0.48 0.00	36.93 -0.24 0.00	37.45 -1.19 0.00	35.62 -1.59 0.00	27.96 -1.01 0.00	26.16 -1.22 0.00	24.78 -1.34 0.00	23.95 -1.58 0.00
NINE_MILE_1 23575	20.94 -0.49 0.00	20.73 -0.50 0.00	19.42 -0.44 0.00	19.84 -0.47 0.00	21.15 -0.48 0.00	21.64 -0.50 0.00	20.52 -0.47 0.00	21.03 -0.53 0.00	22.41 -0.58 0.00	25.98 -0.73 0.00	25.70 -0.69 0.00	28.36 -0.72 0.00	26.26 -0.62 0.00	28.35 -0.59 0.00	25.71 -0.50 0.00	35.25 -0.73 0.00	33.65 -0.73 0.00	36.45 -0.73 0.00	37.75 -0.89 0.00	36.32 -0.89 0.00	28.30 -0.67 0.00	26.68 -0.69 0.00	25.41 -0.71 0.00	24.81 -0.72 0.00
NINE_MILE_2 23744	20.94 -0.49 0.00	20.73 -0.50 0.00	19.42 -0.44 0.00	19.84 -0.47 0.00	21.16 -0.48 0.00	21.64 -0.50 0.00	20.52 -0.47 0.00	21.03 -0.53 0.00	22.41 -0.58 0.00	25.99 -0.72 0.00	25.70 -0.69 0.00	28.36 -0.72 0.00	26.26 -0.62 0.00	28.35 -0.59 0.00	25.71 -0.50 0.00	35.25 -0.73 0.00	33.65 -0.72 0.00	36.45 -0.73 0.00	37.75 -0.89 0.00	36.33 -0.89 0.00	28.30 -0.67 0.00	26.68 -0.69 0.00	25.42 -0.70 0.00	24.81 -0.72 0.00
NM_CAPITAL___DRP 24208	21.74 0.31 0.00	21.62 0.39 0.00	20.21 0.34 0.00	20.67 0.36 0.00	21.96 0.33 0.00	22.43 0.29 0.00	21.26 0.28 0.00	21.84 0.29 0.00	23.23 0.23 0.00	26.86 0.15 0.00	26.42 0.03 0.00	29.20 0.12 0.00	26.95 0.17 0.10	29.13 0.26 0.06	26.03 0.16 0.34	36.02 0.27 0.23	34.82 0.44 0.00	37.68 0.51 0.00	39.18 0.54 0.00	37.76 0.55 0.00	29.31 0.33 0.00	27.72 0.35 0.00	26.41 0.30 0.00	25.81 0.28 0.00



NM_CENTRAL___DRP 24181	21.29 -0.14 0.00	21.07 -0.16 0.00	19.74 -0.12 0.00	20.16 -0.15 0.00	21.50 -0.12 0.00	21.99 -0.16 0.00	20.85 -0.13 0.00	21.39 -0.16 0.00	22.82 -0.17 0.00	26.52 -0.19 0.00	26.25 -0.14 0.00	28.99 -0.09 0.00	26.85 -0.03 0.00	29.02 0.08 0.00	26.34 0.13 0.00	36.10 0.12 0.00	34.46 0.08 0.00	37.34 0.17 0.00	38.65 0.01 0.00	37.17 -0.04 0.00	28.96 -0.01 0.00	27.31 -0.07 0.00	25.96 -0.16 0.00	25.31 -0.23 0.00
NM_FRONTIER___DRP 24179	20.08 -1.36 0.00	19.82 -1.42 0.00	18.85 -1.01 0.00	19.12 -1.19 0.00	20.55 -1.08 0.00	20.97 -1.18 0.00	19.87 -1.11 0.00	20.25 -1.31 0.00	21.96 -1.04 0.00	25.92 -0.79 0.00	25.73 -0.66 0.00	28.38 -0.70 0.00	26.33 -0.56 0.00	28.85 -0.09 0.00	26.40 0.18 0.00	35.80 -0.19 0.00	33.66 -0.72 0.00	36.67 -0.51 0.00	37.14 -1.51 0.00	35.30 -1.91 0.00	27.73 -1.25 0.00	25.93 -1.45 0.00	24.57 -1.55 0.00	23.74 -1.80 0.00
NM_ST_REGIS___HYD 24053	20.87 -0.56 0.00	20.57 -0.66 0.00	19.27 -0.60 0.00	19.86 -0.46 0.00	21.25 -0.38 0.00	22.07 -0.07 0.00	20.87 -0.11 0.00	21.50 -0.05 0.00	23.00 0.00 0.00	26.83 0.13 0.00	26.73 0.34 0.00	29.39 0.31 0.00	27.15 0.26 0.00	29.02 0.08 0.00	26.20 -0.01 0.00	36.10 0.12 0.00	34.38 0.00 0.00	36.95 -0.22 0.00	38.81 0.16 0.00	37.42 0.21 0.00	29.22 0.25 0.00	27.66 0.29 0.00	26.34 0.22 0.00	25.70 0.17 0.00
NORTHPORT___1 23551	22.65 1.11 -0.11	22.35 1.12 0.00	20.88 1.02 0.00	21.27 0.97 0.00	22.44 0.81 0.00	22.98 0.84 0.00	21.93 0.95 0.00	22.61 1.05 0.00	24.05 1.06 0.00	28.01 1.30 0.00	33.16 1.33 -5.45	32.04 1.58 -1.38	32.42 1.51 -4.03	33.04 1.67 -2.43	33.15 1.56 -5.39	38.13 1.86 -0.29	35.87 1.49 0.00	38.85 1.67 0.00	40.41 1.76 0.00	39.00 1.79 0.00	30.16 1.18 0.00	28.65 1.28 0.00	28.54 1.48 -0.94	28.40 1.45 -1.42
NORTHPORT___2 23552	22.65 1.11 -0.11	22.35 1.12 0.00	20.88 1.02 0.00	21.27 0.97 0.00	22.44 0.81 0.00	22.98 0.84 0.00	21.93 0.95 0.00	22.61 1.05 0.00	24.05 1.06 0.00	28.01 1.30 0.00	33.16 1.33 -5.45	32.04 1.58 -1.38	32.42 1.51 -4.03	33.04 1.67 -2.43	33.15 1.56 -5.39	38.13 1.86 -0.29	35.87 1.49 0.00	38.85 1.67 0.00	40.41 1.76 0.00	39.00 1.79 0.00	30.16 1.18 0.00	28.65 1.28 0.00	28.54 1.48 -0.94	28.40 1.45 -1.42
NORTHPORT___3 23553	22.72 1.18 -0.11	22.42 1.19 0.00	20.93 1.07 0.00	21.33 1.02 0.00	22.52 0.90 0.00	23.07 0.93 0.00	21.97 0.99 0.00	22.65 1.10 0.00	24.12 1.13 0.00	28.08 1.38 0.00	33.24 1.40 -5.45	32.17 1.71 -1.38	32.55 1.64 -4.03	33.18 1.81 -2.43	33.26 1.67 -5.39	38.25 1.98 -0.29	36.03 1.65 0.00	39.00 1.83 0.00	40.55 1.91 0.00	39.10 1.89 0.00	30.27 1.29 0.00	28.76 1.39 0.00	28.63 1.56 -0.94	28.51 1.56 -1.42
NORTHPORT___4 23650	22.72 1.18 -0.11	22.42 1.19 0.00	20.93 1.07 0.00	21.33 1.02 0.00	22.52 0.90 0.00	23.07 0.93 0.00	21.97 0.99 0.00	22.65 1.10 0.00	24.12 1.13 0.00	28.08 1.38 0.00	33.24 1.40 -5.45	32.17 1.71 -1.38	32.55 1.64 -4.03	33.18 1.81 -2.43	33.26 1.67 -5.39	38.25 1.98 -0.29	36.03 1.65 0.00	39.00 1.83 0.00	40.55 1.91 0.00	39.10 1.89 0.00	30.27 1.29 0.00	28.76 1.39 0.00	28.63 1.56 -0.94	28.51 1.56 -1.42
NORTHPORT___IC 23718	22.65 1.11 -0.11	22.35 1.12 0.00	20.88 1.02 0.00	21.28 0.97 0.00	22.44 0.81 0.00	22.99 0.84 0.00	21.93 0.95 0.00	22.61 1.05 0.00	24.05 1.06 0.00	28.01 1.30 0.00	33.16 1.33 -5.44	32.04 1.59 -1.38	32.42 1.51 -4.03	33.04 1.67 -2.43	33.15 1.56 -5.39	38.14 1.87 -0.29	35.87 1.49 0.00	38.85 1.68 0.00	40.40 1.76 0.00	39.00 1.79 0.00	30.16 1.19 0.00	28.65 1.28 0.00	28.54 1.48 -0.94	28.40 1.45 -1.42
NORTH___COUNTRY_ESR 323785	20.86 -0.57 0.00	20.56 -0.67 0.00	19.20 -0.67 0.00	19.66 -0.65 0.00	21.04 -0.58 0.00	21.91 -0.23 0.00	20.64 -0.34 0.00	21.39 -0.17 0.00	22.78 -0.22 0.00	26.53 -0.18 0.00	26.47 0.08 0.00	29.11 0.03 0.00	26.82 -0.07 0.00	28.60 -0.35 0.00	25.81 -0.40 0.00	35.62 -0.36 0.00	33.93 -0.45 0.00	36.53 -0.64 0.00	38.51 -0.13 0.00	37.04 -0.18 0.00	28.88 -0.10 0.00	27.40 0.03 0.00	26.17 0.05 0.00	25.57 0.04 0.00
NPX_GEN_1385_PROXY 323591	21.86 0.62 0.19	21.95 0.72 0.00	20.80 0.94 0.00	21.26 0.95 0.00	22.12 0.50 0.00	22.77 0.63 0.00	21.93 0.95 0.00	22.58 1.03 0.00	23.62 0.62 0.00	27.45 0.74 0.00	20.04 0.54 6.90	11.16 0.71 18.63	17.27 0.71 10.32	32.21 0.84 -2.43	18.05 0.75 8.91	27.89 0.78 8.87	34.89 0.51 0.00	37.83 0.66 0.00	39.39 0.74 0.00	38.31 1.10 0.00	29.35 0.38 0.00	27.94 0.57 0.00	27.90 0.84 -0.94	27.74 0.79 -1.42
NPX_GEN_CSC 323557	22.26 1.02 0.19	22.30 1.07 0.00	20.80 0.94 0.00	21.15 0.84 0.00	22.32 0.69 0.00	22.91 0.76 0.00	21.84 0.85 0.00	22.44 0.89 0.00	23.94 0.95 0.00	27.91 1.20 0.00	33.13 1.29 -5.45	32.06 1.60 -1.38	32.48 1.57 -4.03	33.22 1.85 -2.43	33.35 1.76 -5.39	38.53 2.26 -0.29	36.30 1.92 0.00	39.37 2.20 0.00	41.03 2.38 0.00	39.52 2.31 0.00	30.55 1.58 0.00	28.94 1.57 0.00	28.74 1.68 -0.94	28.53 1.58 -1.42
NSINS_S___GLNS_FALLS 23858	23.22 1.79 0.00	23.01 1.77 0.00	21.40 1.54 0.00	21.86 1.54 0.00	23.24 1.61 0.00	23.80 1.66 0.00	22.57 1.59 0.00	23.24 1.68 0.00	24.78 1.79 0.00	28.59 1.89 0.00	27.88 1.49 0.00	30.86 1.78 0.00	28.52 1.74 0.11	30.81 1.94 0.07	27.56 1.72 0.37	38.20 2.47 0.25	37.08 2.70 0.00	40.19 3.02 0.00	42.28 3.64 0.00	40.81 3.60 0.00	31.63 2.66 0.00	29.91 2.54 0.00	28.43 2.31 0.00	27.71 2.17 0.00
NUCOR_STEEL___DRP 24197	21.49 0.06 0.00	21.29 0.05 0.00	19.96 0.09 0.00	20.28 -0.04 0.00	21.71 0.08 0.00	22.25 0.11 0.00	21.12 0.13 0.00	21.55 0.00 0.00	23.12 0.12 0.00	26.92 0.21 0.00	26.59 0.20 0.00	29.37 0.30 0.00	27.22 0.34 0.00	29.44 0.50 0.00	26.60 0.39 0.00	36.58 0.59 0.00	34.85 0.47 0.00	37.79 0.62 0.00	39.16 0.52 0.00	37.67 0.45 0.00	29.39 0.42 0.00	27.54 0.17 0.00	26.27 0.15 0.00	25.59 0.06 0.00
NUMBER_THREE_WT_PWR 323818	20.79 -0.64 0.00	20.44 -0.79 0.00	19.12 -0.74 0.00	19.65 -0.66 0.00	21.17 -0.46 0.00	22.04 -0.11 0.00	20.75 -0.23 0.00	21.20 -0.35 0.00	22.75 -0.25 0.00	26.38 -0.33 0.00	26.26 -0.14 0.00	28.88 -0.20 0.00	27.04 0.16 0.00	29.19 0.25 0.00	26.39 0.18 0.00	36.31 0.33 0.00	34.99 0.61 0.00	37.57 0.40 0.00	39.41 0.77 0.00	38.17 0.96 0.00	29.74 0.77 0.00	28.07 0.70 0.00	26.47 0.35 0.00	25.72 0.19 0.00
NYISO_LBMP_REFERENCE 24008	21.43 0.00 0.00	21.23 0.00 0.00	19.86 0.00 0.00	20.31 0.00 0.00	21.63 0.00 0.00	22.14 0.00 0.00	20.98 0.00 0.00	21.56 0.00 0.00	22.99 0.00 0.00	26.71 0.00 0.00	26.39 0.00 0.00	29.08 0.00 0.00	26.88 0.00 0.00	28.94 0.00 0.00	26.21 0.00 0.00	35.98 0.00 0.00	34.38 0.00 0.00	37.17 0.00 0.00	38.64 0.00 0.00	37.21 0.00 0.00	28.97 0.00 0.00	27.37 0.00 0.00	26.12 0.00 0.00	25.53 0.00 0.00



NYPA_BRENTWD____GT 24164	22.91 1.37 -0.11	22.59 1.35 0.00	21.09 1.23 0.00	21.47 1.16 0.00	22.66 1.04 0.00	23.21 1.07 0.00	22.14 1.15 0.00	22.82 1.26 0.00	24.31 1.32 0.00	28.34 1.64 0.00	33.52 1.68 -5.45	32.48 2.02 -1.38	32.86 1.95 -4.03	33.55 2.18 -2.43	33.66 2.06 -5.39	38.87 2.60 -0.29	36.61 2.23 0.00	39.68 2.51 0.00	41.27 2.62 0.00	39.79 2.58 0.00	30.78 1.80 0.00	29.20 1.83 0.00	29.02 1.96 -0.94	28.83 1.88 -1.42
NYPA_GOWANUS____GT5 24156	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.48 1.79 -7.75	38.89 1.65 -11.03	39.77 2.18 -1.61	39.05 2.12 -2.55	39.36 2.19 0.00	40.83 2.18 0.00	39.41 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.43 1.57 -27.74	71.41 1.51 -44.37
NYPA_GOWANUS____GT6 24157	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.49 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.98 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.95 1.30 -11.25	55.52 1.63 -24.81	38.59 1.58 -10.13	38.48 1.79 -7.75	38.89 1.65 -11.03	39.77 2.18 -1.61	39.05 2.12 -2.55	39.36 2.19 0.00	40.83 2.18 0.00	39.41 2.20 -0.01	38.92 1.63 -8.31	39.16 1.61 -10.18	55.43 1.57 -27.74	71.41 1.51 -44.37
NYPA_HARLEM__RVR__GT1 24160	22.39 0.96 -0.01	22.20 0.96 -0.01	20.68 0.82 -0.01	21.14 0.83 0.00	22.33 0.70 0.00	22.89 0.75 0.00	21.72 0.74 0.00	22.46 0.90 0.00	23.97 0.97 0.00	27.86 1.15 0.00	27.55 1.16 0.00	30.54 1.46 0.00	28.41 1.43 -0.10	30.60 1.59 -0.07	28.05 1.49 -0.36	38.19 1.96 -0.24	36.29 1.91 0.00	39.15 1.98 0.00	40.65 2.00 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.81 1.44 0.00	27.54 1.43 0.00	26.90 1.37 0.00
NYPA_HARLEM__RVR__GT2 24161	22.39 0.96 -0.01	22.20 0.96 -0.01	20.68 0.82 -0.01	21.14 0.83 0.00	22.33 0.70 0.00	22.89 0.75 0.00	21.72 0.74 0.00	22.46 0.90 0.00	23.97 0.97 0.00	27.86 1.15 0.00	27.55 1.16 0.00	30.54 1.46 0.00	28.41 1.43 -0.10	30.60 1.59 -0.07	28.05 1.49 -0.36	38.19 1.96 -0.24	36.29 1.91 0.00	39.15 1.98 0.00	40.65 2.00 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.81 1.44 0.00	27.54 1.43 0.00	26.90 1.37 0.00
NYPA_KENT____GT 24152	35.52 1.04 -13.04	31.90 1.05 -9.62	31.14 0.93 -10.34	27.39 0.89 -6.20	23.19 0.83 -0.73	22.96 0.80 -0.01	30.72 0.81 -8.92	31.84 0.94 -9.34	32.50 1.04 -8.47	34.36 1.25 -6.39	34.43 1.26 -6.79	36.86 1.58 -6.20	34.57 1.54 -6.15	35.39 1.74 -4.71	34.61 1.60 -6.80	39.18 2.13 -1.07	37.99 2.07 -1.54	39.28 2.11 0.00	40.73 2.09 0.00	39.32 2.10 0.00	35.55 1.56 -5.01	35.07 1.56 -6.14	44.38 1.52 -16.74	53.77 1.47 -26.77
NYPA_POUCH1____GT 24155	44.04 1.00 -21.61	38.18 1.02 -15.94	37.92 0.92 -17.13	31.44 0.86 -10.27	23.64 0.81 -1.21	22.94 0.77 -0.02	36.55 0.78 -14.78	37.94 0.89 -15.48	38.01 0.99 -14.03	38.49 1.19 -10.59	38.83 1.19 -11.25	39.04 1.52 -8.45	38.48 1.47 -10.13	38.35 1.66 -7.75	38.77 1.54 -11.03	39.63 2.03 -1.61	38.91 1.99 -2.55	39.23 2.05 0.00	40.69 2.04 0.00	39.28 2.07 -0.01	38.82 1.53 -8.31	39.06 1.51 -10.18	55.34 1.48 -27.74	71.34 1.44 -44.37
NYPA_VERNON____GT2 24162	26.91 1.00 -4.47	25.55 1.01 -3.30	24.30 0.89 -3.55	23.29 0.85 -2.13	22.67 0.79 -0.25	22.91 0.76 -0.01	24.82 0.78 -3.06	25.67 0.91 -3.20	26.90 1.00 -2.90	30.12 1.22 -2.19	29.94 1.22 -2.33	32.82 1.53 -2.21	30.55 1.48 -2.18	32.28 1.69 -1.66	30.33 1.56 -2.56	38.57 2.06 -0.53	36.92 2.02 -0.53	39.23 2.06 0.00	40.69 2.04 0.00	39.26 2.05 0.00	32.21 1.51 -1.72	30.98 1.50 -2.10	33.32 1.46 -5.74	36.12 1.41 -9.17
NYPA_VERNON____GT3 24163	26.91 1.00 -4.47	25.55 1.01 -3.30	24.30 0.89 -3.55	23.29 0.85 -2.13	22.67 0.79 -0.25	22.91 0.76 -0.01	24.82 0.78 -3.06	25.67 0.91 -3.20	26.90 1.00 -2.90	30.12 1.22 -2.19	29.94 1.22 -2.33	32.82 1.53 -2.21	30.55 1.48 -2.18	32.28 1.69 -1.66	30.33 1.56 -2.56	38.57 2.06 -0.53	36.92 2.02 -0.53	39.23 2.06 0.00	40.69 2.04 0.00	39.26 2.05 0.00	32.21 1.51 -1.72	30.98 1.50 -2.10	33.32 1.46 -5.74	36.12 1.41 -9.17
NYPA__ASTORIA_CC1 323568	22.40 0.97 -0.01	22.22 0.98 -0.01	20.73 0.86 -0.01	21.13 0.82 0.00	22.38 0.75 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.16 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.06 1.50 -0.36	38.21 1.98 -0.24	36.31 1.94 0.00	39.16 1.98 0.00	40.61 1.97 0.00	39.18 1.97 0.00	30.43 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
NYPA__ASTORIA_CC2 323569	22.40 0.97 -0.01	22.22 0.98 -0.01	20.73 0.86 -0.01	21.13 0.82 0.00	22.38 0.75 0.00	22.88 0.73 0.00	21.74 0.75 0.00	22.43 0.87 0.00	23.95 0.95 0.00	27.87 1.17 0.00	27.56 1.16 0.00	30.55 1.47 0.00	28.42 1.43 -0.10	30.64 1.63 -0.07	28.06 1.50 -0.36	38.21 1.98 -0.24	36.31 1.94 0.00	39.16 1.98 0.00	40.61 1.97 0.00	39.18 1.97 0.00	30.43 1.46 0.00	28.82 1.45 0.00	27.54 1.42 0.00	26.89 1.36 0.00
NYPA__HOLTSVILL 23794	22.68 1.15 -0.11	22.39 1.16 0.00	20.89 1.03 0.00	21.26 0.95 0.00	22.44 0.82 0.00	23.00 0.86 0.00	21.93 0.95 0.00	22.59 1.04 0.00	24.08 1.09 0.00	28.06 1.36 0.00	33.25 1.41 -5.45	32.19 1.73 -1.38	32.59 1.68 -4.03	33.29 1.92 -2.43	33.40 1.80 -5.39	38.53 2.26 -0.29	36.26 1.89 0.00	39.31 2.13 0.00	40.93 2.29 0.00	39.46 2.25 0.00	30.53 1.55 0.00	28.96 1.59 0.00	28.77 1.71 -0.94	28.59 1.64 -1.42
NYPA__HELLGATE_GT1 24158	22.39 0.96 -0.01	22.20 0.96 -0.01	20.68 0.82 -0.01	21.14 0.83 0.00	22.33 0.70 0.00	22.89 0.75 0.00	21.72 0.74 0.00	22.46 0.90 0.00	23.97 0.97 0.00	27.86 1.15 0.00	27.55 1.16 0.00	30.54 1.46 0.00	28.41 1.43 -0.10	30.60 1.59 -0.07	28.05 1.49 -0.36	38.19 1.96 -0.24	36.29 1.91 0.00	39.15 1.98 0.00	40.65 2.00 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.81 1.44 0.00	27.54 1.43 0.00	26.90 1.37 0.00
NYPA__HELLGATE_GT2 24159	22.39 0.96 -0.01	22.20 0.96 -0.01	20.68 0.82 -0.01	21.14 0.83 0.00	22.33 0.70 0.00	22.89 0.75 0.00	21.72 0.74 0.00	22.46 0.90 0.00	23.97 0.97 0.00	27.86 1.15 0.00	27.55 1.16 0.00	30.54 1.46 0.00	28.41 1.43 -0.10	30.60 1.59 -0.07	28.05 1.49 -0.36	38.19 1.96 -0.24	36.29 1.91 0.00	39.15 1.98 0.00	40.65 2.00 0.00	39.21 2.00 0.00	30.42 1.45 0.00	28.81 1.44 0.00	27.54 1.43 0.00	26.90 1.37 0.00
NYS_BARGE__HYD 23848	20.56 -0.87 0.00	20.27 -0.96 0.00	19.26 -0.60 0.00	19.54 -0.77 0.00	20.98 -0.65 0.00	21.40 -0.74 0.00	20.28 -0.70 0.00	20.67 -0.88 0.00	22.44 -0.55 0.00	26.50 -0.20 0.00	26.32 -0.07 0.00	28.99 -0.09 0.00	26.92 0.03 0.00	29.49 0.55 0.00	26.97 0.76 0.00	36.58 0.59 0.00	34.49 0.11 0.00	37.58 0.40 0.00	38.10 -0.55 0.00	36.24 -0.97 0.00	28.47 -0.51 0.00	26.62 -0.76 0.00	25.20 -0.92 0.00	24.31 -1.22 0.00



OAK ORCHARD___HYD 24046	21.15 -0.28 0.00	20.89 -0.34 0.00	19.71 -0.15 0.00	20.03 -0.27 0.00	21.44 -0.19 0.00	21.89 -0.25 0.00	20.76 -0.23 0.00	21.24 -0.32 0.00	22.88 -0.12 0.00	26.84 0.13 0.00	26.62 0.23 0.00	29.38 0.30 0.00	27.25 0.37 0.00	29.72 0.78 0.00	27.10 0.89 0.00	36.93 0.94 0.00	34.96 0.59 0.00	38.07 0.90 0.00	39.00 0.35 0.00	37.23 0.01 0.00	29.12 0.14 0.00	27.27 -0.10 0.00	25.86 -0.26 0.00	25.05 -0.48 0.00
OAKDALE___35_KV_LOAD 356122	21.30 -0.13 0.00	21.08 -0.15 0.00	19.77 -0.10 0.00	20.20 -0.11 0.00	21.56 -0.06 0.00	22.00 -0.14 0.00	20.86 -0.13 0.00	21.44 -0.12 0.00	22.96 -0.04 0.00	26.78 0.07 0.00	26.53 0.14 0.00	29.38 0.30 0.00	27.18 0.30 0.00	29.37 0.43 0.00	26.70 0.49 0.00	36.56 0.57 0.00	34.87 0.49 0.00	37.77 0.60 0.00	39.06 0.41 0.00	37.54 0.32 0.00	29.26 0.29 0.00	27.58 0.21 0.00	26.21 0.09 0.00	25.54 0.00 0.00
OCC_CHEM___DRP 24175	20.12 -1.32 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.16 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.45 0.24 0.00	35.89 -0.10 0.00	33.73 -0.64 0.00	36.76 -0.41 0.00	37.22 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.19 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
OH_GEN_PROXY 24063	19.97 -1.16 0.30	20.02 -1.21 0.00	19.03 -0.84 0.00	19.31 -1.01 0.00	20.74 -0.88 0.00	21.15 -0.99 0.00	20.06 -0.93 0.00	20.46 -1.10 0.00	22.17 -0.82 0.00	26.14 -0.57 0.00	25.95 -0.44 0.00	28.62 -0.46 0.00	26.53 -0.35 0.00	29.06 0.12 0.00	26.58 0.37 0.00	67.85 0.08 -31.78	33.95 -0.43 0.00	36.99 -0.18 0.00	37.52 -1.13 0.00	35.69 -1.52 0.00	28.01 -0.97 0.00	26.19 -1.18 0.00	24.82 -1.30 0.00	23.99 -1.54 0.00
OLIN_CORP_DRP 24177	20.23 -1.20 0.00	19.94 -1.29 0.00	18.97 -0.90 0.00	19.25 -1.06 0.00	20.67 -0.96 0.00	21.10 -1.04 0.00	20.00 -0.98 0.00	20.37 -1.18 0.00	22.10 -0.90 0.00	26.09 -0.62 0.00	25.89 -0.50 0.00	28.56 -0.53 0.00	26.50 -0.38 0.00	29.04 0.10 0.00	26.56 0.35 0.00	36.02 0.03 0.00	33.91 -0.47 0.00	36.94 -0.23 0.00	37.41 -1.23 0.00	35.58 -1.64 0.00	27.97 -1.01 0.00	26.16 -1.21 0.00	24.77 -1.35 0.00	23.91 -1.62 0.00
OLIN_CORP_DSASP 323712	20.12 -1.31 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.15 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.46 0.25 0.00	35.89 -0.10 0.00	33.74 -0.64 0.00	36.76 -0.41 0.00	37.23 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.18 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
ONEIDA_HERK_LFGE 323681	21.42 -0.01 0.00	21.14 -0.09 0.00	19.77 -0.09 0.00	20.26 -0.05 0.00	21.68 0.05 0.00	22.33 0.19 0.00	21.11 0.13 0.00	21.67 0.11 0.00	23.17 0.17 0.00	26.90 0.19 0.00	26.71 0.32 0.00	29.47 0.39 0.00	27.37 0.48 0.00	29.52 0.58 0.00	26.73 0.52 0.00	36.71 0.73 0.00	35.20 0.82 0.00	38.01 0.84 0.00	39.63 0.98 0.00	38.26 1.05 0.00	29.79 0.81 0.00	28.10 0.73 0.00	26.65 0.53 0.00	25.95 0.42 0.00
ONEIDA___115KV_TB4 55905	21.74 0.31 0.00	21.49 0.26 0.00	20.10 0.24 0.00	20.56 0.25 0.00	21.95 0.33 0.00	22.47 0.33 0.00	21.31 0.33 0.00	21.91 0.36 0.00	23.38 0.38 0.00	27.15 0.44 0.00	26.97 0.58 0.00	29.83 0.75 0.00	27.59 0.71 0.00	29.79 0.85 0.00	26.98 0.76 0.00	37.01 1.03 0.00	35.37 1.00 0.00	38.32 1.15 0.00	39.80 1.16 0.00	38.39 1.18 0.00	29.91 0.93 0.00	28.20 0.83 0.00	26.78 0.66 0.00	26.10 0.56 0.00
ONONDAGA_REF_OCCRA 23987	21.39 -0.04 0.00	21.17 -0.06 0.00	19.82 -0.04 0.00	20.25 -0.06 0.00	21.60 -0.03 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.50 -0.06 0.00	22.95 -0.05 0.00	26.68 -0.03 0.00	26.41 0.02 0.00	29.18 0.10 0.00	27.02 0.14 0.00	29.20 0.26 0.00	26.51 0.30 0.00	36.33 0.35 0.00	34.67 0.29 0.00	37.58 0.40 0.00	38.90 0.26 0.00	37.43 0.22 0.00	29.17 0.20 0.00	27.50 0.12 0.00	26.14 0.02 0.00	25.48 -0.06 0.00
ONONDAGA___COGEN 23986	21.36 -0.07 0.00	21.14 -0.09 0.00	19.80 -0.06 0.00	20.22 -0.09 0.00	21.59 -0.04 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.49 -0.07 0.00	22.94 -0.06 0.00	26.66 -0.05 0.00	26.38 -0.02 0.00	29.14 0.06 0.00	26.98 0.10 0.00	29.16 0.22 0.00	26.45 0.24 0.00	36.27 0.29 0.00	34.63 0.25 0.00	37.51 0.34 0.00	38.85 0.21 0.00	37.38 0.17 0.00	29.13 0.16 0.00	27.43 0.06 0.00	26.10 -0.02 0.00	25.44 -0.09 0.00
ONTARIO___LFGE 23819	21.26 -0.17 0.00	21.00 -0.23 0.00	19.73 -0.14 0.00	20.09 -0.22 0.00	21.49 -0.13 0.00	21.98 -0.16 0.00	20.90 -0.08 0.00	21.45 -0.11 0.00	23.01 0.02 0.00	26.99 0.28 0.00	26.72 0.33 0.00	29.67 0.59 0.00	27.43 0.54 0.00	29.76 0.82 0.00	27.11 0.90 0.00	36.95 0.96 0.00	35.26 0.88 0.00	38.10 0.93 0.00	39.42 0.78 0.00	37.92 0.71 0.00	29.80 0.83 0.00	27.93 0.55 0.00	26.39 0.27 0.00	25.59 0.05 0.00
ORANGEVILLE_WT_PWR 323706	20.30 -1.13 0.00	20.02 -1.21 0.00	18.95 -0.92 0.00	19.34 -0.97 0.00	20.74 -0.89 0.00	21.24 -0.91 0.00	20.12 -0.86 0.00	20.52 -1.04 0.00	22.24 -0.75 0.00	26.41 -0.30 0.00	26.31 -0.08 0.00	29.08 0.01 0.00	26.90 0.02 0.00	29.27 0.33 0.00	26.78 0.57 0.00	36.47 0.48 0.00	34.47 0.09 0.00	37.30 0.13 0.00	38.19 -0.46 0.00	36.62 -0.59 0.00	28.77 -0.21 0.00	26.93 -0.45 0.00	25.44 -0.68 0.00	24.59 -0.94 0.00
ORANGEVILLE___ESR 323794	20.30 -1.13 0.00	20.02 -1.21 0.00	18.95 -0.92 0.00	19.34 -0.97 0.00	20.74 -0.89 0.00	21.24 -0.91 0.00	20.12 -0.86 0.00	20.52 -1.04 0.00	22.24 -0.75 0.00	26.41 -0.30 0.00	26.31 -0.08 0.00	29.08 0.01 0.00	26.90 0.02 0.00	29.27 0.33 0.00	26.78 0.57 0.00	36.47 0.48 0.00	34.47 0.09 0.00	37.30 0.13 0.00	38.19 -0.46 0.00	36.62 -0.59 0.00	28.77 -0.21 0.00	26.93 -0.45 0.00	25.44 -0.68 0.00	24.59 -0.94 0.00
OSWEGATCHIE___HYD 24044	20.78 -0.65 0.00	20.46 -0.77 0.00	19.15 -0.71 0.00	19.73 -0.58 0.00	21.18 -0.45 0.00	22.02 -0.13 0.00	20.78 -0.20 0.00	21.31 -0.24 0.00	22.84 -0.15 0.00	26.57 -0.14 0.00	26.44 0.05 0.00	29.11 0.03 0.00	27.08 0.20 0.00	29.10 0.16 0.00	26.27 0.06 0.00	36.18 0.19 0.00	34.67 0.29 0.00	37.23 0.06 0.00	39.04 0.40 0.00	37.74 0.53 0.00	29.43 0.46 0.00	27.81 0.44 0.00	26.35 0.23 0.00	25.65 0.11 0.00
OSWEGO___5 23606	21.06 -0.38 0.00	20.84 -0.39 0.00	19.53 -0.34 0.00	19.95 -0.36 0.00	21.27 -0.36 0.00	21.76 -0.38 0.00	20.62 -0.36 0.00	21.15 -0.40 0.00	22.55 -0.44 0.00	26.18 -0.53 0.00	25.89 -0.50 0.00	28.59 -0.50 0.00	26.45 -0.43 0.00	28.57 -0.37 0.00	25.91 -0.30 0.00	35.53 -0.46 0.00	33.91 -0.46 0.00	36.73 -0.44 0.00	38.05 -0.60 0.00	36.61 -0.60 0.00	28.53 -0.44 0.00	26.89 -0.48 0.00	25.60 -0.52 0.00	24.98 -0.55 0.00



OSWEGO___6 23613	21.06 -0.38 0.00	20.84 -0.39 0.00	19.53 -0.34 0.00	19.95 -0.36 0.00	21.27 -0.36 0.00	21.76 -0.38 0.00	20.62 -0.36 0.00	21.15 -0.40 0.00	22.55 -0.44 0.00	26.18 -0.53 0.00	25.89 -0.50 0.00	28.59 -0.50 0.00	26.45 -0.43 0.00	28.57 -0.37 0.00	25.91 -0.30 0.00	35.53 -0.46 0.00	33.91 -0.46 0.00	36.73 -0.44 0.00	38.05 -0.60 0.00	36.61 -0.60 0.00	28.53 -0.44 0.00	26.89 -0.48 0.00	25.60 -0.52 0.00	24.98 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	20.63 -0.80 0.00	20.35 -0.88 0.00	19.33 -0.54 0.00	19.62 -0.69 0.00	21.05 -0.57 0.00	21.47 -0.67 0.00	20.35 -0.63 0.00	20.75 -0.81 0.00	22.55 -0.45 0.00	26.63 -0.07 0.00	26.46 0.06 0.00	29.18 0.10 0.00	27.07 0.19 0.00	29.66 0.72 0.00	27.13 0.92 0.00	36.84 0.86 0.00	34.70 0.32 0.00	37.76 0.59 0.00	38.28 -0.36 0.00	36.42 -0.79 0.00	28.59 -0.38 0.00	26.74 -0.63 0.00	25.31 -0.81 0.00	24.42 -1.11 0.00
OXBOW___BTM 323836	20.40 -1.03 0.00	20.13 -1.11 0.00	19.13 -0.73 0.00	19.40 -0.91 0.00	20.83 -0.80 0.00	21.25 -0.89 0.00	20.14 -0.84 0.00	20.53 -1.03 0.00	22.29 -0.71 0.00	26.31 -0.39 0.00	26.15 -0.24 0.00	28.85 -0.24 0.00	26.76 -0.12 0.00	29.33 0.39 0.00	26.83 0.62 0.00	36.41 0.42 0.00	34.28 -0.10 0.00	37.31 0.13 0.00	37.80 -0.84 0.00	35.95 -1.27 0.00	28.23 -0.75 0.00	26.39 -0.99 0.00	24.99 -1.13 0.00	24.12 -1.42 0.00
OXBOW___ 24026	20.40 -1.03 0.00	20.12 -1.11 0.00	19.13 -0.73 0.00	19.40 -0.91 0.00	20.83 -0.80 0.00	21.25 -0.89 0.00	20.14 -0.84 0.00	20.53 -1.03 0.00	22.28 -0.71 0.00	26.31 -0.39 0.00	26.14 -0.25 0.00	28.85 -0.23 0.00	26.76 -0.12 0.00	29.32 0.38 0.00	26.82 0.61 0.00	36.41 0.43 0.00	34.28 -0.10 0.00	37.30 0.13 0.00	37.79 -0.85 0.00	35.94 -1.27 0.00	28.22 -0.75 0.00	26.39 -0.98 0.00	24.99 -1.14 0.00	24.12 -1.42 0.00
OXY_CHEM_DSASP 323612	20.12 -1.32 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.16 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.45 0.24 0.00	35.89 -0.10 0.00	33.73 -0.64 0.00	36.76 -0.41 0.00	37.22 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.19 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
OZONE_PARK_ESR 323760	22.55 1.12 0.00	22.37 1.14 0.00	20.87 1.01 0.00	21.27 0.96 0.00	22.55 0.92 0.00	23.03 0.89 0.00	21.87 0.89 0.00	22.58 1.03 0.00	24.15 1.16 0.00	28.11 1.41 0.00	27.80 1.40 0.00	30.83 1.75 0.00	28.67 1.68 -0.10	30.92 1.91 -0.07	28.32 1.75 -0.36	38.60 2.37 -0.24	36.69 2.31 0.00	39.61 2.44 0.00	41.07 2.43 0.00	39.59 2.37 0.00	30.76 1.78 0.00	29.11 1.73 0.00	27.80 1.68 0.00	27.15 1.62 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.12 -1.32 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.16 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.45 0.24 0.00	35.89 -0.10 0.00	33.73 -0.64 0.00	36.76 -0.41 0.00	37.22 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.19 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
PACKARD___115KV_DUPONT_184 80571	20.12 -1.32 0.00	19.86 -1.38 0.00	18.89 -0.97 0.00	19.16 -1.16 0.00	20.59 -1.04 0.00	21.01 -1.14 0.00	19.91 -1.07 0.00	20.29 -1.27 0.00	22.00 -0.99 0.00	25.97 -0.74 0.00	25.78 -0.61 0.00	28.44 -0.64 0.00	26.38 -0.50 0.00	28.92 -0.02 0.00	26.45 0.24 0.00	35.89 -0.10 0.00	33.73 -0.64 0.00	36.76 -0.41 0.00	37.22 -1.42 0.00	35.38 -1.83 0.00	27.79 -1.19 0.00	25.98 -1.39 0.00	24.62 -1.50 0.00	23.78 -1.75 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.39 0.96 -0.01	22.19 0.95 -0.01	20.67 0.80 -0.01	21.11 0.80 0.00	22.33 0.70 0.00	22.88 0.74 0.00	21.71 0.73 0.00	22.42 0.86 0.00	23.94 0.94 0.00	27.84 1.13 0.00	27.53 1.14 0.00	30.51 1.43 0.00	28.38 1.40 -0.10	30.57 1.56 -0.07	28.02 1.46 -0.36	38.15 1.92 -0.24	36.26 1.88 0.00	39.13 1.96 0.00	40.62 1.98 0.00	39.18 1.97 0.00	30.41 1.43 0.00	28.79 1.42 0.00	27.51 1.40 0.00	26.87 1.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.39 0.96 -0.01	22.19 0.95 -0.01	20.67 0.80 -0.01	21.12 0.81 0.00	22.33 0.70 0.00	22.89 0.75 0.00	21.74 0.76 0.00	22.45 0.90 0.00	23.96 0.97 0.00	27.86 1.16 0.00	27.55 1.16 0.00	30.52 1.44 0.00	28.39 1.40 -0.10	30.58 1.57 -0.07	28.02 1.46 -0.36	38.16 1.93 -0.24	36.27 1.89 0.00	39.13 1.96 0.00	40.67 2.03 0.00	39.23 2.02 0.00	30.46 1.48 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.92 1.39 0.00
PATROON___115KV_TB1 80586	21.76 0.33 0.00	21.63 0.40 0.00	20.22 0.36 0.00	20.69 0.37 0.00	21.97 0.34 0.00	22.44 0.30 0.00	21.28 0.30 0.00	21.88 0.32 0.00	23.27 0.27 0.00	26.91 0.19 0.00	26.48 0.09 0.00	29.29 0.21 0.00	27.04 0.25 0.09	29.23 0.35 0.06	26.14 0.25 0.31	36.16 0.39 0.21	34.93 0.55 0.00	37.80 0.63 0.00	39.30 0.66 0.00	37.87 0.66 0.00	29.40 0.42 0.00	27.80 0.43 0.00	26.49 0.37 0.00	25.86 0.33 0.00
PATTRSNVILLE___SOLAR 323815	22.12 0.68 0.00	21.92 0.68 0.00	20.48 0.62 0.00	20.96 0.65 0.00	22.31 0.68 0.00	22.82 0.68 0.00	21.60 0.62 0.00	22.17 0.62 0.00	23.58 0.59 0.00	27.29 0.58 0.00	26.81 0.42 0.00	29.82 0.74 0.00	27.64 0.83 0.07	29.72 0.83 0.05	26.68 0.71 0.25	37.01 1.19 0.17	35.63 1.25 0.00	38.54 1.37 0.00	40.07 1.43 0.00	38.63 1.42 0.00	30.03 1.06 0.00	28.39 1.01 0.00	27.04 0.92 0.00	26.39 0.86 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.72 -0.71 0.00	20.44 -0.79 0.00	19.38 -0.48 0.00	19.69 -0.62 0.00	21.15 -0.48 0.00	21.54 -0.61 0.00	20.43 -0.56 0.00	20.88 -0.68 0.00	22.66 -0.33 0.00	26.74 0.03 0.00	26.55 0.16 0.00	29.34 0.26 0.00	27.18 0.30 0.00	29.72 0.78 0.00	27.19 0.98 0.00	36.98 1.00 0.00	34.86 0.49 0.00	37.95 0.78 0.00	38.60 -0.04 0.00	36.78 -0.44 0.00	28.83 -0.14 0.00	26.98 -0.39 0.00	25.54 -0.58 0.00	24.68 -0.85 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.41 0.98 0.00	22.22 0.98 0.00	20.72 0.86 0.00	21.13 0.83 0.00	22.43 0.80 0.00	22.91 0.77 0.00	21.74 0.76 0.00	22.43 0.88 0.00	24.00 1.00 0.00	27.92 1.22 0.00	27.59 1.20 0.00	30.58 1.50 0.00	28.43 1.46 -0.09	30.66 1.66 -0.06	28.03 1.51 -0.31	38.27 2.07 -0.21	36.42 2.05 0.00	39.37 2.20 0.00	40.86 2.22 0.00	39.38 2.17 0.00	30.57 1.59 0.00	28.91 1.54 0.00	27.58 1.46 0.00	26.92 1.39 0.00
PEEKSKILL___ 23653	22.21 0.78 0.00	22.04 0.81 0.00	20.56 0.69 0.00	20.96 0.65 0.00	22.24 0.61 0.00	22.71 0.57 0.00	21.55 0.56 0.00	22.23 0.68 0.00	23.78 0.78 0.00	27.66 0.95 0.00	27.32 0.93 0.00	30.29 1.20 0.00	28.17 1.18 -0.10	30.36 1.35 -0.07	27.80 1.24 -0.35	37.89 1.67 -0.24	36.01 1.64 0.00	38.89 1.72 0.00	40.35 1.71 0.00	38.89 1.68 0.00	30.19 1.21 0.00	28.59 1.22 0.00	27.30 1.18 0.00	26.69 1.16 0.00



PGE MADISON___WINDPWR 24146	22.15 0.72 0.00	21.80 0.57 0.00	20.61 0.74 0.00	20.93 0.61 0.00	22.47 0.84 0.00	22.99 0.85 0.00	21.85 0.87 0.00	22.57 1.02 0.00	24.19 1.19 0.00	28.35 1.65 0.00	28.13 1.74 0.00	31.12 2.04 0.00	28.79 1.90 0.00	31.03 2.09 0.00	28.22 2.01 0.00	38.52 2.53 0.00	36.98 2.60 0.00	40.12 2.95 0.00	41.67 3.02 0.00	40.09 2.88 0.00	31.49 2.51 0.00	29.57 2.20 0.00	27.90 1.78 0.00	27.18 1.65 0.00
PIERCEFIELD___HYD 23852	20.83 -0.60 0.00	20.53 -0.70 0.00	19.25 -0.61 0.00	19.86 -0.45 0.00	21.26 -0.37 0.00	22.06 -0.08 0.00	20.88 -0.11 0.00	21.47 -0.09 0.00	22.98 -0.02 0.00	26.81 0.10 0.00	26.68 0.29 0.00	29.34 0.26 0.00	27.12 0.23 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.08 0.10 0.00	34.37 -0.01 0.00	36.93 -0.24 0.00	38.73 0.09 0.00	37.36 0.15 0.00	29.19 0.22 0.00	27.62 0.24 0.00	26.29 0.17 0.00	25.65 0.12 0.00
PINELAWN_CC_1 323563	22.83 1.30 -0.11	22.52 1.29 0.00	21.01 1.15 0.00	21.39 1.08 0.00	22.60 0.97 0.00	23.13 0.99 0.00	22.04 1.06 0.00	22.73 1.18 0.00	24.23 1.23 0.00	28.22 1.51 0.00	33.41 1.57 -5.45	32.21 1.75 -1.38	32.49 1.58 -4.03	33.10 1.73 -2.43	33.22 1.62 -5.39	38.28 2.01 -0.29	35.99 1.61 0.00	39.03 1.85 0.00	40.68 2.04 0.00	39.26 2.05 0.00	30.41 1.44 0.00	28.91 1.53 0.00	28.93 1.87 -0.94	28.78 1.83 -1.42
PJM_GEN_HTP_PROXY 323702	22.31 0.87 0.00	22.13 0.90 0.00	20.63 0.77 0.00	21.04 0.73 0.00	22.32 0.69 0.00	22.79 0.65 0.00	21.64 0.66 0.00	22.34 0.78 0.00	23.88 0.89 0.00	27.80 1.09 0.00	27.46 1.07 0.00	30.46 1.38 0.00	28.34 1.35 -0.10	30.55 1.54 -0.07	27.98 1.41 -0.36	38.11 1.89 -0.24	36.22 1.84 0.00	39.10 1.93 0.00	40.53 1.89 0.00	39.08 1.87 0.00	30.35 1.37 0.00	28.73 1.36 0.00	27.45 1.33 0.00	26.82 1.29 0.00
PJM_GEN_KEystone 24065	21.31 -0.12 0.00	21.13 -0.10 0.00	20.12 -0.03 -0.28	18.71 -0.11 1.49	21.56 -0.07 0.00	17.35 -0.20 4.59	20.82 -0.17 0.00	21.42 -0.14 0.00	23.04 0.04 0.00	26.93 0.22 0.00	26.66 0.27 0.00	29.56 0.48 0.00	27.42 0.48 -0.05	29.67 0.70 -0.04	27.14 0.75 -0.19	36.98 0.87 -0.13	35.08 0.70 0.00	37.99 0.82 0.00	39.16 0.52 0.00	37.56 0.35 0.00	29.26 0.28 0.00	27.59 0.22 0.00	26.31 0.18 0.00	25.64 0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.53 1.04 -0.06	22.28 1.05 0.00	20.79 0.93 0.00	21.18 0.87 0.00	22.40 0.77 0.00	22.91 0.77 0.00	21.81 0.82 0.00	22.49 0.93 0.00	23.99 1.00 0.00	27.93 1.23 0.00	30.67 1.28 -3.00	31.41 1.59 -0.74	30.63 1.53 -2.21	32.02 1.74 -1.34	30.87 1.60 -3.06	38.24 1.99 -0.27	36.12 1.74 0.00	39.06 1.89 0.00	40.57 1.93 0.00	39.14 1.93 0.00	30.33 1.36 0.00	28.78 1.41 0.00	28.20 1.51 -0.56	27.78 1.48 -0.76
PJM_GEN_VFT_PROXY 323633	22.23 0.80 0.00	22.05 0.82 0.00	20.57 0.70 0.00	20.97 0.65 0.00	22.24 0.61 0.00	22.71 0.57 0.00	21.55 0.57 0.00	22.25 0.70 0.00	23.80 0.80 0.00	27.68 0.97 0.00	27.33 0.93 0.00	30.31 1.23 0.00	28.19 1.20 -0.10	30.39 1.38 -0.07	27.84 1.28 -0.36	37.93 1.70 -0.24	36.04 1.66 0.00	38.91 1.73 0.00	40.34 1.69 0.00	38.88 1.67 0.00	30.20 1.22 0.00	28.59 1.22 0.00	27.32 1.20 0.00	26.72 1.18 0.00
PLATSBURG_115KV_PMLD1 355749	21.09 -0.34 0.00	20.79 -0.45 0.00	19.34 -0.52 0.00	19.79 -0.52 0.00	21.18 -0.45 0.00	22.11 -0.04 0.00	20.90 -0.08 0.00	21.67 0.12 0.00	23.09 0.09 0.00	26.80 0.10 0.00	26.77 0.38 0.00	29.46 0.38 0.00	27.22 0.33 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.11 0.13 0.00	34.41 0.04 0.00	37.06 -0.11 0.00	39.03 0.39 0.00	37.58 0.37 0.00	29.26 0.29 0.00	27.84 0.47 0.00	26.53 0.41 0.00	25.91 0.37 0.00
PLEASANTVLY___LBMP 24000	22.10 0.67 0.00	21.94 0.71 0.00	20.46 0.59 0.00	20.88 0.57 0.00	22.16 0.54 0.00	22.64 0.50 0.00	21.47 0.49 0.00	22.13 0.57 0.00	23.63 0.64 0.00	27.47 0.76 0.00	27.08 0.69 0.00	30.00 0.92 0.00	27.91 0.91 -0.12	30.08 1.06 -0.08	27.57 0.96 -0.40	37.57 1.31 -0.27	35.70 1.32 0.00	38.59 1.42 0.00	40.06 1.42 0.00	38.63 1.42 0.00	29.99 1.01 0.00	28.38 1.01 0.00	27.09 0.97 0.00	26.47 0.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.26 0.84 0.00	22.08 0.85 0.00	20.60 0.73 0.00	21.02 0.71 0.00	22.30 0.67 0.00	22.77 0.63 0.00	21.61 0.62 0.00	22.28 0.73 0.00	23.81 0.82 0.00	27.71 1.00 0.00	27.36 0.97 0.00	30.32 1.24 0.00	28.21 1.22 -0.11	30.42 1.41 -0.07	27.86 1.29 -0.36	37.97 1.74 -0.24	36.06 1.69 0.00	38.98 1.80 0.00	40.44 1.80 0.00	39.00 1.78 0.00	30.26 1.28 0.00	28.65 1.28 0.00	27.36 1.24 0.00	26.72 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.26 0.84 0.00	22.08 0.85 0.00	20.60 0.73 0.00	21.02 0.71 0.00	22.30 0.67 0.00	22.77 0.63 0.00	21.61 0.62 0.00	22.28 0.73 0.00	23.81 0.82 0.00	27.71 1.00 0.00	27.36 0.97 0.00	30.32 1.24 0.00	28.21 1.22 -0.11	30.42 1.41 -0.07	27.86 1.29 -0.36	37.97 1.74 -0.24	36.06 1.69 0.00	38.98 1.80 0.00	40.44 1.80 0.00	39.00 1.78 0.00	30.26 1.28 0.00	28.65 1.28 0.00	27.36 1.24 0.00	26.72 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.27 0.84 0.00	22.09 0.86 0.00	20.59 0.72 0.00	21.02 0.71 0.00	22.31 0.68 0.00	22.80 0.66 0.00	21.62 0.64 0.00	22.29 0.73 0.00	23.84 0.84 0.00	27.71 1.00 0.00	27.35 0.96 0.00	30.29 1.21 0.00	28.05 1.19 0.02	30.29 1.37 0.01	27.38 1.24 0.07	37.66 1.72 0.05	36.13 1.75 0.00	39.07 1.90 0.00	40.55 1.91 0.00	39.10 1.89 0.00	30.35 1.37 0.00	28.69 1.32 0.00	27.37 1.25 0.00	26.71 1.18 0.00
POLETTI___ 23519	22.29 0.86 0.00	22.12 0.89 0.00	20.63 0.77 0.00	21.03 0.72 0.00	22.30 0.67 0.00	22.77 0.63 0.00	21.62 0.64 0.00	22.32 0.77 0.00	23.86 0.87 0.00	27.76 1.05 0.00	27.43 1.04 0.00	30.42 1.34 0.00	28.30 1.31 -0.10	30.52 1.51 -0.07	27.95 1.38 -0.36	38.07 1.84 -0.24	36.18 1.80 0.00	39.05 1.88 0.00	40.50 1.85 0.00	39.04 1.83 0.00	30.32 1.35 0.00	28.70 1.33 0.00	27.43 1.31 0.00	26.80 1.27 0.00
POMONA___ESR 323819	22.24 0.81 0.00	22.06 0.82 0.00	20.57 0.71 0.00	20.97 0.66 0.00	22.26 0.63 0.00	22.73 0.58 0.00	21.55 0.57 0.00	22.24 0.69 0.00	23.80 0.80 0.00	27.69 0.98 0.00	27.36 0.97 0.00	30.33 1.25 0.00	28.20 1.22 -0.09	30.40 1.40 -0.06	27.83 1.30 -0.32	37.95 1.74 -0.22	36.09 1.71 0.00	38.98 1.81 0.00	40.42 1.78 0.00	38.94 1.73 0.00	30.23 1.25 0.00	28.63 1.26 0.00	27.34 1.23 0.00	26.74 1.21 0.00
PORT_JEFF_3 23555	22.75 1.21 -0.11	22.45 1.21 0.00	20.95 1.09 0.00	21.32 1.01 0.00	22.50 0.88 0.00	23.06 0.92 0.00	21.98 1.00 0.00	22.65 1.10 0.00	24.15 1.15 0.00	28.15 1.44 0.00	33.35 1.51 -5.45	32.31 1.85 -1.38	32.71 1.80 -4.03	33.41 2.04 -2.43	33.53 1.94 -5.39	38.71 2.44 -0.29	36.37 1.99 0.00	39.44 2.27 0.00	41.13 2.49 0.00	39.64 2.43 0.00	30.65 1.68 0.00	29.08 1.70 0.00	28.88 1.82 -0.94	28.68 1.73 -1.42



PORT_JEFF_4 23616	22.75 1.21 -0.11	22.45 1.21 0.00	20.95 1.09 0.00	21.32 1.01 0.00	22.50 0.88 0.00	23.06 0.92 0.00	21.98 1.00 0.00	22.65 1.10 0.00	24.15 1.15 0.00	28.15 1.44 0.00	33.35 1.51 -5.45	32.31 1.85 -1.38	32.71 1.80 -4.03	33.41 2.04 -2.43	33.53 1.94 -5.39	38.71 2.44 -0.29	36.37 1.99 0.00	39.44 2.27 0.00	41.13 2.49 0.00	39.64 2.43 0.00	30.65 1.68 0.00	29.08 1.70 0.00	28.88 1.82 -0.94	28.68 1.73 -1.42
PORT_JEFF_IC 23713	22.76 1.23 -0.11	22.46 1.22 0.00	20.96 1.09 0.00	21.33 1.02 0.00	22.51 0.88 0.00	23.07 0.93 0.00	22.00 1.02 0.00	22.67 1.11 0.00	24.17 1.18 0.00	28.18 1.47 0.00	33.39 1.55 -5.44	32.37 1.91 -1.38	32.76 1.85 -4.03	33.48 2.11 -2.43	33.60 2.00 -5.39	38.79 2.52 -0.29	36.33 1.95 0.00	39.40 2.23 0.00	41.24 2.59 0.00	39.72 2.51 0.00	30.72 1.74 0.00	29.12 1.75 0.00	28.91 1.86 -0.94	28.71 1.76 -1.42
PPL_PILGRIM_ST_GT1 24216	22.91 1.37 -0.11	22.59 1.35 0.00	21.09 1.23 0.00	21.47 1.16 0.00	22.66 1.04 0.00	23.21 1.07 0.00	22.14 1.15 0.00	22.82 1.26 0.00	24.31 1.32 0.00	28.34 1.64 0.00	33.52 1.68 -5.45	32.48 2.02 -1.38	32.86 1.95 -4.03	33.55 2.18 -2.43	33.66 2.06 -5.39	38.87 2.60 -0.29	36.61 2.23 0.00	39.68 2.51 0.00	41.27 2.62 0.00	39.79 2.58 0.00	30.78 1.80 0.00	29.20 1.83 0.00	29.02 1.96 -0.94	28.83 1.88 -1.42
PPL_PILGRIM_ST_GT2 24217	22.91 1.37 -0.11	22.59 1.35 0.00	21.09 1.23 0.00	21.47 1.16 0.00	22.66 1.04 0.00	23.21 1.07 0.00	22.14 1.15 0.00	22.82 1.26 0.00	24.31 1.32 0.00	28.34 1.64 0.00	33.52 1.68 -5.45	32.48 2.02 -1.38	32.86 1.95 -4.03	33.55 2.18 -2.43	33.66 2.06 -5.39	38.87 2.60 -0.29	36.61 2.23 0.00	39.68 2.51 0.00	41.27 2.62 0.00	39.79 2.58 0.00	30.78 1.80 0.00	29.20 1.83 0.00	29.02 1.96 -0.94	28.83 1.88 -1.42
PPL_SHRM_GT3 24213	22.56 1.03 -0.11	22.31 1.08 0.00	20.81 0.95 0.00	21.16 0.85 0.00	22.33 0.70 0.00	22.92 0.77 0.00	21.84 0.86 0.00	22.45 0.90 0.00	23.94 0.95 0.00	27.91 1.20 0.00	33.12 1.28 -5.45	32.06 1.60 -1.38	32.50 1.59 -4.03	33.23 1.86 -2.43	33.36 1.77 -5.39	38.56 2.29 -0.29	36.34 1.96 0.00	39.43 2.26 0.00	41.06 2.41 0.00	39.55 2.34 0.00	30.57 1.59 0.00	28.97 1.60 0.00	28.76 1.70 -0.94	28.54 1.59 -1.42
PPL_SHRM_GT4 24214	22.56 1.03 -0.11	22.31 1.08 0.00	20.81 0.95 0.00	21.16 0.85 0.00	22.33 0.70 0.00	22.92 0.77 0.00	21.84 0.86 0.00	22.45 0.90 0.00	23.94 0.95 0.00	27.91 1.20 0.00	33.12 1.28 -5.45	32.06 1.60 -1.38	32.50 1.59 -4.03	33.23 1.86 -2.43	33.36 1.77 -5.39	38.56 2.29 -0.29	36.34 1.96 0.00	39.43 2.26 0.00	41.06 2.41 0.00	39.55 2.34 0.00	30.57 1.59 0.00	28.97 1.60 0.00	28.76 1.70 -0.94	28.54 1.59 -1.42
PROJECT___ORANGE 1 24174	21.30 -0.13 0.00	21.08 -0.15 0.00	19.75 -0.12 0.00	20.17 -0.14 0.00	21.51 -0.11 0.00	22.00 -0.15 0.00	20.86 -0.12 0.00	21.40 -0.15 0.00	22.83 -0.16 0.00	26.54 -0.17 0.00	26.27 -0.12 0.00	29.01 -0.07 0.00	26.87 -0.02 0.00	29.04 0.10 0.00	26.36 0.15 0.00	36.13 0.14 0.00	34.49 0.11 0.00	37.37 0.19 0.00	38.67 0.03 0.00	37.20 -0.02 0.00	28.99 0.01 0.00	27.32 -0.05 0.00	25.98 -0.14 0.00	25.33 -0.21 0.00
PROJECT___ORANGE 2 24166	21.30 -0.13 0.00	21.08 -0.15 0.00	19.75 -0.12 0.00	20.17 -0.14 0.00	21.51 -0.11 0.00	22.00 -0.15 0.00	20.86 -0.12 0.00	21.40 -0.15 0.00	22.83 -0.16 0.00	26.54 -0.17 0.00	26.27 -0.12 0.00	29.01 -0.07 0.00	26.87 -0.02 0.00	29.04 0.10 0.00	26.36 0.15 0.00	36.13 0.14 0.00	34.49 0.11 0.00	37.37 0.19 0.00	38.67 0.03 0.00	37.20 -0.02 0.00	28.99 0.01 0.00	27.32 -0.05 0.00	25.98 -0.14 0.00	25.33 -0.21 0.00
PUCKETT___SOLAR 323809	21.53 0.10 0.00	21.23 0.00 0.00	19.99 0.13 0.00	20.39 0.08 0.00	21.78 0.15 0.00	22.25 0.11 0.00	21.07 0.09 0.00	21.67 0.12 0.00	23.22 0.22 0.00	27.12 0.42 0.00	26.87 0.48 0.00	29.72 0.64 0.00	27.53 0.64 0.00	29.71 0.77 0.00	27.00 0.79 0.00	36.90 0.92 0.00	35.30 0.92 0.00	38.27 1.10 0.00	39.64 1.00 0.00	38.12 0.91 0.00	29.75 0.78 0.00	28.01 0.63 0.00	26.56 0.44 0.00	25.88 0.35 0.00
PYRITES___HYD 24023	21.39 -0.04 0.00	21.07 -0.16 0.00	19.77 -0.10 0.00	20.34 0.03 0.00	21.73 0.10 0.00	22.51 0.36 0.00	21.33 0.35 0.00	21.94 0.39 0.00	23.46 0.47 0.00	27.33 0.62 0.00	27.14 0.75 0.00	29.87 0.79 0.00	27.57 0.68 0.00	29.44 0.50 0.00	26.63 0.42 0.00	36.67 0.68 0.00	34.97 0.59 0.00	37.55 0.38 0.00	39.41 0.76 0.00	38.04 0.82 0.00	29.77 0.79 0.00	28.16 0.78 0.00	26.80 0.68 0.00	26.15 0.62 0.00
QUAKERRD_115KV_BK1 80622	20.77 -0.66 0.00	20.52 -0.71 0.00	19.34 -0.52 0.00	19.67 -0.64 0.00	21.04 -0.58 0.00	21.50 -0.64 0.00	20.39 -0.59 0.00	20.87 -0.69 0.00	22.43 -0.57 0.00	26.27 -0.45 0.00	26.05 -0.35 0.00	28.76 -0.32 0.00	26.68 -0.20 0.00	29.03 0.09 0.00	26.44 0.24 0.00	36.08 0.10 0.00	34.23 -0.15 0.00	37.21 0.03 0.00	38.20 -0.44 0.00	36.52 -0.69 0.00	28.54 -0.44 0.00	26.75 -0.62 0.00	25.38 -0.74 0.00	24.61 -0.92 0.00
QUEENSBRY_115KV_TB8 356137	23.31 1.88 0.00	23.09 1.85 0.00	21.46 1.60 0.00	21.91 1.60 0.00	23.30 1.67 0.00	23.86 1.72 0.00	22.65 1.67 0.00	23.31 1.75 0.00	24.87 1.88 0.00	28.70 1.99 0.00	27.95 1.56 0.00	30.95 1.87 0.00	28.59 1.82 0.11	30.91 2.03 0.07	27.66 1.81 0.36	38.34 2.60 0.25	37.20 2.83 0.00	40.32 3.15 0.00	42.50 3.86 0.00	41.02 3.82 0.00	31.78 2.80 0.00	30.06 2.68 0.00	28.56 2.44 0.00	27.83 2.30 0.00
RAMAPO___LBMP 323565	22.14 0.71 0.00	21.96 0.73 0.00	20.49 0.63 0.00	20.89 0.58 0.00	22.18 0.55 0.00	22.64 0.50 0.00	21.46 0.48 0.00	22.15 0.59 0.00	23.70 0.70 0.00	27.57 0.86 0.00	27.23 0.84 0.00	30.18 1.10 0.00	28.06 1.08 -0.09	30.25 1.25 -0.06	27.69 1.16 -0.32	37.75 1.54 -0.22	35.89 1.51 0.00	38.78 1.61 0.00	40.21 1.57 0.00	38.74 1.53 0.00	30.08 1.10 0.00	28.48 1.11 0.00	27.22 1.10 0.00	26.61 1.08 0.00
RANKINE____ 23646	20.64 -0.79 0.00	20.35 -0.88 0.00	19.33 -0.53 0.00	19.64 -0.67 0.00	21.08 -0.55 0.00	21.50 -0.64 0.00	20.37 -0.61 0.00	20.79 -0.77 0.00	22.60 -0.39 0.00	26.70 0.00 0.00	26.52 0.13 0.00	29.29 0.20 0.00	27.12 0.24 0.00	29.67 0.73 0.00	27.15 0.94 0.00	36.91 0.92 0.00	34.79 0.41 0.00	37.85 0.68 0.00	38.47 -0.17 0.00	36.66 -0.55 0.00	28.76 -0.22 0.00	26.91 -0.46 0.00	25.46 -0.66 0.00	24.59 -0.94 0.00
RAVENSWOOD_GT2_1 24244	22.35 0.92 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.09 0.78 0.00	22.36 0.73 0.00	22.84 0.70 0.00	21.69 0.70 0.00	22.39 0.83 0.00	23.93 0.93 0.00	27.84 1.13 0.00	27.51 1.12 0.00	30.50 1.42 0.00	28.38 1.39 -0.10	30.59 1.58 -0.07	28.02 1.46 -0.36	38.17 1.94 -0.24	36.27 1.89 0.00	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.40 1.43 0.00	28.78 1.41 0.00	27.49 1.37 0.00	26.87 1.34 0.00



RAVENSWOOD_GT2_2 24245	22.35 0.92 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.09 0.78 0.00	22.36 0.73 0.00	22.84 0.70 0.00	21.69 0.70 0.00	22.39 0.83 0.00	23.93 0.93 0.00	27.84 1.13 0.00	27.51 1.12 0.00	30.50 1.42 0.00	28.38 1.39 -0.10	30.59 1.58 -0.07	28.02 1.46 -0.36	38.17 1.94 -0.24	36.27 1.89 0.00	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.40 1.43 0.00	28.78 1.41 0.00	27.49 1.37 0.00	26.87 1.34 0.00
RAVENSWOOD_GT2_3 24246	22.37 0.94 0.00	22.18 0.95 0.00	20.69 0.83 0.00	21.09 0.78 0.00	22.37 0.74 0.00	22.85 0.71 0.00	21.70 0.72 0.00	22.39 0.84 0.00	23.94 0.95 0.00	27.86 1.15 0.00	27.52 1.13 0.00	30.51 1.44 0.00	28.39 1.40 -0.10	30.61 1.60 -0.07	28.03 1.47 -0.36	38.18 1.96 -0.24	36.29 1.92 0.00	39.17 2.00 0.00	40.61 1.97 0.00	39.17 1.96 0.00	30.41 1.44 0.00	28.80 1.43 0.00	27.51 1.39 0.00	26.87 1.34 0.00
RAVENSWOOD_GT2_4 24247	22.37 0.94 0.00	22.18 0.95 0.00	20.69 0.83 0.00	21.09 0.78 0.00	22.37 0.74 0.00	22.85 0.71 0.00	21.70 0.72 0.00	22.39 0.84 0.00	23.94 0.95 0.00	27.86 1.15 0.00	27.52 1.13 0.00	30.51 1.44 0.00	28.39 1.40 -0.10	30.61 1.60 -0.07	28.03 1.47 -0.36	38.18 1.96 -0.24	36.29 1.92 0.00	39.17 2.00 0.00	40.61 1.97 0.00	39.17 1.96 0.00	30.41 1.44 0.00	28.80 1.43 0.00	27.51 1.39 0.00	26.87 1.34 0.00
RAVENSWOOD_GT3_1 24248	22.35 0.92 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.09 0.78 0.00	22.36 0.73 0.00	22.84 0.70 0.00	21.69 0.71 0.00	22.39 0.83 0.00	23.93 0.94 0.00	27.84 1.13 0.00	27.51 1.12 0.00	30.50 1.42 0.00	28.38 1.39 -0.10	30.59 1.58 -0.07	28.02 1.46 -0.36	38.17 1.94 -0.24	36.27 1.89 0.00	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.40 1.43 0.00	28.78 1.41 0.00	27.50 1.38 0.00	26.87 1.34 0.00
RAVENSWOOD_GT3_2 24249	22.35 0.92 0.00	22.17 0.94 0.00	20.68 0.82 0.00	21.09 0.78 0.00	22.36 0.73 0.00	22.84 0.70 0.00	21.69 0.71 0.00	22.39 0.83 0.00	23.93 0.94 0.00	27.84 1.13 0.00	27.51 1.12 0.00	30.50 1.42 0.00	28.38 1.39 -0.10	30.59 1.58 -0.07	28.02 1.46 -0.36	38.17 1.94 -0.24	36.27 1.89 0.00	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.40 1.43 0.00	28.78 1.41 0.00	27.50 1.38 0.00	26.87 1.34 0.00
RAVENSWOOD_GT3_3 24250	22.39 0.96 0.00	22.21 0.97 0.00	20.71 0.85 0.00	21.12 0.81 0.00	22.39 0.77 0.00	22.87 0.73 0.00	21.72 0.74 0.00	22.42 0.87 0.00	23.97 0.97 0.00	27.89 1.18 0.00	27.56 1.17 0.00	30.56 1.48 0.00	28.43 1.44 -0.10	30.65 1.64 -0.07	28.07 1.51 -0.36	38.24 2.02 -0.24	36.34 1.96 0.00	39.23 2.05 0.00	40.67 2.03 0.00	39.21 2.00 0.00	30.45 1.48 0.00	28.83 1.46 0.00	27.54 1.42 0.00	26.91 1.38 0.00
RAVENSWOOD_GT3_4 24251	22.39 0.96 0.00	22.21 0.97 0.00	20.71 0.85 0.00	21.12 0.81 0.00	22.39 0.77 0.00	22.87 0.73 0.00	21.72 0.74 0.00	22.42 0.87 0.00	23.97 0.97 0.00	27.89 1.18 0.00	27.56 1.17 0.00	30.56 1.48 0.00	28.43 1.44 -0.10	30.65 1.64 -0.07	28.07 1.51 -0.36	38.24 2.02 -0.24	36.34 1.96 0.00	39.23 2.05 0.00	40.67 2.03 0.00	39.21 2.00 0.00	30.45 1.48 0.00	28.83 1.46 0.00	27.54 1.42 0.00	26.91 1.38 0.00
RAVENSWOOD_GT_1 23729	26.91 1.00 -4.47	25.55 1.01 -3.30	24.30 0.89 -3.55	23.29 0.85 -2.12	22.67 0.79 -0.25	22.91 0.76 -0.01	24.82 0.78 -3.06	25.67 0.91 -3.20	26.90 1.00 -2.90	30.12 1.22 -2.19	29.94 1.22 -2.33	32.82 1.53 -2.21	30.55 1.49 -2.18	32.28 1.69 -1.66	30.33 1.56 -2.56	38.57 2.06 -0.53	36.92 2.02 -0.53	39.23 2.06 0.00	40.69 2.04 0.00	39.26 2.05 0.00	32.21 1.52 -1.72	30.98 1.50 -2.10	33.33 1.47 -5.74	36.12 1.41 -9.17
RAVENSWOOD_GT_10 24258	22.87 0.92 -0.51	22.55 0.94 -0.38	21.09 0.82 -0.41	21.33 0.77 -0.24	22.39 0.73 -0.03	22.84 0.70 0.00	22.04 0.70 -0.35	22.76 0.83 -0.37	24.26 0.93 -0.34	28.09 1.13 -0.25	27.78 1.12 -0.27	30.72 1.42 -0.22	28.62 1.39 -0.34	30.77 1.58 -0.25	28.27 1.45 -0.61	38.19 1.93 -0.27	36.33 1.89 -0.06	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.60 1.42 -0.20	29.02 1.41 -0.24	28.15 1.37 -0.66	27.93 1.34 -1.06
RAVENSWOOD_GT_11 24259	22.87 0.92 -0.51	22.55 0.94 -0.38	21.09 0.82 -0.41	21.33 0.77 -0.24	22.39 0.73 -0.03	22.84 0.70 0.00	22.04 0.70 -0.35	22.76 0.83 -0.37	24.26 0.93 -0.34	28.09 1.13 -0.25	27.78 1.12 -0.27	30.72 1.42 -0.22	28.62 1.39 -0.34	30.77 1.58 -0.25	28.27 1.45 -0.61	38.19 1.93 -0.27	36.33 1.89 -0.06	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.60 1.42 -0.20	29.02 1.41 -0.24	28.15 1.37 -0.66	27.93 1.34 -1.06
RAVENSWOOD_GT_4 24252	25.74 0.92 -3.40	24.68 0.94 -2.50	23.37 0.81 -2.69	22.69 0.77 -1.61	22.55 0.73 -0.19	22.84 0.69 0.00	24.01 0.70 -2.32	24.82 0.82 -2.44	26.14 0.93 -2.21	29.51 1.13 -1.67	29.27 1.11 -1.77	31.95 1.41 -1.46	29.94 1.38 -1.68	31.79 1.57 -1.28	29.70 1.45 -2.03	38.38 1.93 -0.46	36.67 1.89 -0.40	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	31.70 1.42 -1.31	30.38 1.40 -1.60	31.86 1.37 -4.37	33.85 1.34 -6.99
RAVENSWOOD_GT_5 24254	25.74 0.92 -3.40	24.68 0.94 -2.50	23.37 0.81 -2.69	22.69 0.77 -1.61	22.55 0.73 -0.19	22.84 0.69 0.00	24.01 0.70 -2.32	24.82 0.82 -2.44	26.14 0.93 -2.21	29.51 1.13 -1.67	29.27 1.11 -1.77	31.95 1.41 -1.46	29.94 1.38 -1.68	31.79 1.57 -1.28	29.70 1.45 -2.03	38.38 1.93 -0.46	36.67 1.89 -0.40	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	31.70 1.42 -1.31	30.38 1.40 -1.60	31.86 1.37 -4.37	33.85 1.34 -6.99
RAVENSWOOD_GT_6 24253	25.74 0.92 -3.40	24.68 0.94 -2.50	23.37 0.81 -2.69	22.69 0.77 -1.61	22.55 0.73 -0.19	22.84 0.69 0.00	24.01 0.70 -2.32	24.82 0.82 -2.44	26.14 0.93 -2.21	29.51 1.13 -1.67	29.27 1.11 -1.77	31.95 1.41 -1.46	29.94 1.38 -1.68	31.79 1.57 -1.28	29.70 1.45 -2.03	38.38 1.93 -0.46	36.67 1.89 -0.40	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	31.70 1.42 -1.31	30.38 1.40 -1.60	31.86 1.37 -4.37	33.85 1.34 -6.99
RAVENSWOOD_GT_7 24255	25.74 0.92 -3.40	24.68 0.94 -2.50	23.37 0.81 -2.69	22.69 0.77 -1.61	22.55 0.73 -0.19	22.84 0.69 0.00	24.01 0.70 -2.32	24.82 0.82 -2.44	26.14 0.93 -2.21	29.51 1.13 -1.67	29.27 1.11 -1.77	31.95 1.41 -1.46	29.94 1.38 -1.68	31.79 1.57 -1.28	29.70 1.45 -2.03	38.38 1.93 -0.46	36.67 1.89 -0.40	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	31.70 1.42 -1.31	30.38 1.40 -1.60	31.86 1.37 -4.37	33.85 1.34 -6.99
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.87 0.92 -0.51	22.55 0.94 -0.38	21.09 0.82 -0.41	21.33 0.77 -0.24	22.39 0.73 -0.03	22.84 0.70 0.00	22.04 0.70 -0.35	22.76 0.83 -0.37	24.26 0.93 -0.34	28.09 1.13 -0.25	27.78 1.12 -0.27	30.72 1.42 -0.22	28.62 1.39 -0.34	30.77 1.58 -0.25	28.27 1.45 -0.61	38.19 1.93 -0.27	36.33 1.89 -0.06	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.60 1.42 -0.20	29.02 1.41 -0.24	28.15 1.37 -0.66	27.93 1.34 -1.06



RAVENSWOOD_GT_9 24257	22.87 0.92 -0.51	22.55 0.94 -0.38	21.09 0.82 -0.41	21.33 0.77 -0.24	22.39 0.73 -0.03	22.84 0.70 0.00	22.04 0.70 -0.35	22.76 0.83 -0.37	24.26 0.93 -0.34	28.09 1.13 -0.25	27.78 1.12 -0.27	30.72 1.42 -0.22	28.62 1.39 -0.34	30.77 1.58 -0.25	28.27 1.45 -0.61	38.19 1.93 -0.27	36.33 1.89 -0.06	39.15 1.98 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.60 1.42 -0.20	29.02 1.41 -0.24	28.15 1.37 -0.66	27.93 1.34 -1.06
RAVENSWOOD___1 23533	18.00 0.97 4.40	18.97 0.98 3.24	17.24 0.86 3.48	19.04 0.81 2.09	22.13 0.75 0.25	22.87 0.73 0.00	18.72 0.74 3.01	19.28 0.87 3.15	21.10 0.96 2.86	25.72 1.17 2.16	25.27 1.17 2.29	28.66 1.47 1.89	26.38 1.43 1.94	29.07 1.63 1.50	25.90 1.50 1.82	37.93 1.99 0.04	35.81 1.95 0.52	39.18 2.01 0.00	40.63 1.99 0.00	39.19 1.99 0.00	28.75 1.46 1.69	26.76 1.45 2.07	21.89 1.42 5.65	17.86 1.37 9.03
RAVENSWOOD___2 23534	18.00 0.97 4.40	18.97 0.98 3.24	17.24 0.86 3.48	19.04 0.81 2.09	22.13 0.75 0.25	22.87 0.73 0.00	18.72 0.74 3.01	19.28 0.87 3.15	21.10 0.96 2.86	25.72 1.17 2.16	25.27 1.17 2.29	28.66 1.47 1.89	26.38 1.43 1.94	29.07 1.63 1.50	25.90 1.50 1.82	37.93 1.99 0.04	35.81 1.95 0.52	39.18 2.01 0.00	40.63 1.99 0.00	39.19 1.99 0.00	28.75 1.46 1.69	26.76 1.45 2.07	21.89 1.42 5.65	17.86 1.37 9.03
RAVENSWOOD___3 23535	22.36 0.92 0.00	22.17 0.94 0.00	20.69 0.83 0.00	21.09 0.78 0.00	22.36 0.73 0.00	22.84 0.70 0.00	21.69 0.71 0.00	22.39 0.83 0.00	23.93 0.94 0.00	27.84 1.13 0.00	27.51 1.12 0.00	30.50 1.42 0.00	28.38 1.39 -0.10	30.59 1.59 -0.07	28.02 1.46 -0.36	38.17 1.94 -0.24	36.27 1.89 0.00	39.15 1.97 0.00	40.60 1.96 0.00	39.14 1.93 0.00	30.40 1.43 0.00	28.78 1.41 0.00	27.49 1.37 0.00	26.87 1.34 0.00
RAVENSWOOD___4 23820	18.00 0.97 4.40	18.97 0.98 3.24	17.24 0.86 3.48	19.04 0.81 2.09	22.13 0.75 0.25	22.87 0.73 0.00	18.72 0.74 3.01	19.28 0.87 3.15	21.10 0.96 2.86	25.72 1.17 2.16	25.27 1.17 2.29	28.66 1.47 1.89	26.38 1.43 1.94	29.07 1.63 1.50	25.90 1.50 1.82	37.93 1.99 0.04	35.81 1.95 0.52	39.18 2.01 0.00	40.63 1.99 0.00	39.19 1.99 0.00	28.75 1.46 1.69	26.76 1.45 2.07	21.89 1.42 5.65	17.86 1.37 9.03
RCPI_TRUST___DRP 24196	22.36 0.93 0.00	22.13 0.90 0.00	20.64 0.78 0.00	21.05 0.74 0.00	22.32 0.69 0.00	22.79 0.65 0.00	21.65 0.66 0.00	22.36 0.80 0.00	23.90 0.91 0.00	27.83 1.12 0.00	27.49 1.10 0.00	30.49 1.41 0.00	28.36 1.38 -0.10	30.58 1.57 -0.07	28.01 1.44 -0.36	38.16 1.93 -0.24	36.26 1.89 0.00	39.15 1.97 0.00	40.57 1.93 0.00	39.13 1.92 0.00	30.38 1.41 0.00	28.77 1.40 0.00	27.48 1.36 0.00	26.85 1.32 0.00
RED___ROCHESTER 323720	21.32 -0.11 0.00	21.05 -0.18 0.00	19.85 -0.01 0.00	20.17 -0.14 0.00	21.58 -0.04 0.00	22.03 -0.11 0.00	20.89 -0.09 0.00	21.38 -0.17 0.00	23.04 0.04 0.00	27.04 0.33 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.49 0.61 0.00	30.01 1.07 0.00	27.37 1.16 0.00	37.28 1.30 0.00	35.30 0.92 0.00	38.46 1.29 0.00	39.39 0.74 0.00	37.59 0.38 0.00	29.40 0.42 0.00	27.52 0.15 0.00	26.08 -0.04 0.00	25.25 -0.28 0.00
REGAN___SOLAR 323812	22.67 1.24 0.00	22.40 1.17 0.00	20.94 1.08 0.00	21.42 1.11 0.00	22.82 1.19 0.00	23.38 1.24 0.00	22.13 1.15 0.00	22.71 1.16 0.00	24.17 1.18 0.00	27.98 1.28 0.00	27.27 0.88 0.00	30.73 1.65 0.00	28.51 1.69 0.07	30.39 1.49 0.04	27.43 1.44 0.22	38.26 2.42 0.15	36.80 2.42 0.00	39.74 2.57 0.00	41.30 2.66 0.00	39.85 2.64 0.00	31.03 2.06 0.00	29.31 1.93 0.00	27.88 1.76 0.00	27.15 1.62 0.00
RENSSELAER___COGEN 23796	21.63 0.20 0.00	21.51 0.28 0.00	20.11 0.25 0.00	20.58 0.27 0.00	21.85 0.22 0.00	22.33 0.18 0.00	21.16 0.18 0.00	21.75 0.19 0.00	23.14 0.14 0.00	26.73 0.03 0.00	26.31 -0.08 0.00	29.08 0.00 0.00	26.83 0.04 0.09	29.01 0.13 0.06	25.95 0.05 0.31	35.88 0.11 0.21	34.66 0.28 0.00	37.51 0.34 0.00	39.02 0.37 0.00	37.61 0.40 0.00	29.19 0.21 0.00	27.61 0.23 0.00	26.31 0.18 0.00	25.70 0.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.56 3.13 0.00	24.27 3.04 0.00	22.40 2.54 0.00	22.83 2.52 0.00	24.27 2.65 0.00	24.93 2.79 0.00	23.75 2.77 0.00	24.49 2.93 0.00	26.11 3.12 0.00	30.03 3.32 0.00	29.06 2.67 0.00	32.24 3.16 0.00	29.92 3.15 0.11	32.39 3.52 0.07	28.95 3.11 0.37	40.41 4.67 0.25	39.30 4.93 0.00	42.54 5.36 0.00	45.19 6.55 0.00	43.75 6.54 0.00	33.55 4.58 0.00	31.81 4.44 0.00	30.19 4.07 0.00	29.39 3.86 0.00
REVERE_CPPR_DRP 24186	21.83 0.40 0.00	21.56 0.33 0.00	20.17 0.31 0.00	20.63 0.32 0.00	22.06 0.43 0.00	22.62 0.47 0.00	21.43 0.45 0.00	22.04 0.49 0.00	23.52 0.53 0.00	27.30 0.59 0.00	27.17 0.78 0.00	30.03 0.95 0.00	27.79 0.90 0.00	30.01 1.07 0.00	27.18 0.97 0.00	37.27 1.29 0.00	35.65 1.27 0.00	38.63 1.46 0.00	40.15 1.51 0.00	38.75 1.54 0.00	30.18 1.21 0.00	28.46 1.08 0.00	26.99 0.87 0.00	26.29 0.76 0.00
REYNOLDS_115KV_TB3 80639	21.81 0.38 0.00	21.70 0.46 0.00	20.26 0.40 0.00	20.74 0.43 0.00	22.03 0.40 0.00	22.51 0.36 0.00	21.32 0.34 0.00	21.90 0.34 0.00	23.29 0.30 0.00	26.93 0.22 0.00	26.47 0.08 0.00	29.25 0.17 0.00	26.98 0.20 0.11	29.18 0.31 0.07	26.03 0.19 0.37	36.06 0.32 0.25	34.86 0.48 0.00	37.73 0.55 0.00	39.24 0.60 0.00	37.84 0.62 0.00	29.35 0.38 0.00	27.78 0.40 0.00	26.46 0.34 0.00	25.86 0.33 0.00
RIVERBAY____ 323610	22.39 0.96 -0.01	22.19 0.95 -0.01	20.67 0.80 -0.01	21.12 0.81 0.00	22.33 0.70 0.00	22.89 0.75 0.00	21.74 0.76 0.00	22.45 0.90 0.00	23.96 0.97 0.00	27.86 1.16 0.00	27.55 1.16 0.00	30.52 1.44 0.00	28.39 1.40 -0.10	30.58 1.57 -0.07	28.02 1.46 -0.36	38.16 1.93 -0.24	36.27 1.89 0.00	39.13 1.96 0.00	40.67 2.03 0.00	39.23 2.02 0.00	30.46 1.48 0.00	28.82 1.45 0.00	27.56 1.44 0.00	26.92 1.39 0.00
RIVERSDE_115KV_TB3 55908	21.74 0.31 0.00	21.62 0.39 0.00	20.21 0.34 0.00	20.67 0.36 0.00	21.96 0.33 0.00	22.43 0.29 0.00	21.26 0.28 0.00	21.84 0.29 0.00	23.23 0.23 0.00	26.86 0.15 0.00	26.42 0.03 0.00	29.20 0.12 0.00	26.95 0.17 0.10	29.13 0.26 0.06	26.03 0.16 0.34	36.02 0.27 0.23	34.82 0.44 0.00	37.68 0.51 0.00	39.18 0.54 0.00	37.76 0.55 0.00	29.31 0.33 0.00	27.72 0.35 0.00	26.41 0.30 0.00	25.81 0.28 0.00
ROARING___BROOK_WT_PWR 323790	20.93 -0.50 0.00	20.72 -0.51 0.00	19.38 -0.48 0.00	19.84 -0.47 0.00	21.18 -0.45 0.00	21.77 -0.38 0.00	20.58 -0.40 0.00	21.16 -0.40 0.00	22.57 -0.42 0.00	26.27 -0.43 0.00	25.99 -0.41 0.00	28.66 -0.42 0.00	26.51 -0.38 0.00	28.54 -0.40 0.00	25.91 -0.31 0.00	35.66 -0.33 0.00	34.12 -0.26 0.00	36.78 -0.39 0.00	38.36 -0.28 0.00	37.02 -0.19 0.00	28.84 -0.13 0.00	27.25 -0.12 0.00	26.00 -0.12 0.00	25.43 -0.10 0.00



ROCHESRG_115KV_T4 355643	21.05 -0.39 0.00	20.79 -0.44 0.00	19.62 -0.24 0.00	19.94 -0.37 0.00	21.35 -0.28 0.00	21.80 -0.34 0.00	20.67 -0.31 0.00	21.15 -0.41 0.00	22.76 -0.23 0.00	26.70 0.00 0.00	26.49 0.09 0.00	29.23 0.15 0.00	27.11 0.23 0.00	29.56 0.62 0.00	26.95 0.74 0.00	36.72 0.73 0.00	34.76 0.39 0.00	37.84 0.67 0.00	38.76 0.12 0.00	37.01 -0.20 0.00	28.95 -0.03 0.00	27.13 -0.25 0.00	25.72 -0.40 0.00	24.93 -0.60 0.00
ROCHESTER_9_IC 23652	21.19 -0.24 0.00	20.93 -0.30 0.00	19.74 -0.12 0.00	20.07 -0.25 0.00	21.48 -0.15 0.00	21.93 -0.21 0.00	20.79 -0.19 0.00	21.28 -0.28 0.00	22.92 -0.08 0.00	26.89 0.18 0.00	26.67 0.28 0.00	29.44 0.36 0.00	27.31 0.43 0.00	29.79 0.85 0.00	27.16 0.95 0.00	37.02 1.03 0.00	35.04 0.66 0.00	38.16 0.99 0.00	39.09 0.45 0.00	37.32 0.10 0.00	29.18 0.21 0.00	27.33 -0.05 0.00	25.91 -0.21 0.00	25.10 -0.43 0.00
ROCKVIEW_13_KV_LD 356306	22.37 0.94 0.00	22.19 0.96 0.00	20.70 0.84 0.00	21.11 0.80 0.00	22.39 0.76 0.00	22.87 0.72 0.00	21.71 0.73 0.00	22.40 0.84 0.00	23.95 0.96 0.00	27.87 1.16 0.00	27.54 1.15 0.00	30.53 1.45 0.00	28.40 1.41 -0.10	30.61 1.60 -0.07	28.07 1.50 -0.36	38.21 1.99 -0.24	36.30 1.93 0.00	39.22 2.05 0.00	40.67 2.03 0.00	39.21 2.00 0.00	30.44 1.47 0.00	28.82 1.44 0.00	27.53 1.41 0.00	26.89 1.36 0.00
ROME____115KV_TB2 80656	21.83 0.40 0.00	21.56 0.33 0.00	20.17 0.31 0.00	20.63 0.32 0.00	22.06 0.43 0.00	22.62 0.47 0.00	21.43 0.45 0.00	22.04 0.49 0.00	23.52 0.53 0.00	27.30 0.59 0.00	27.17 0.78 0.00	30.03 0.95 0.00	27.79 0.90 0.00	30.01 1.07 0.00	27.18 0.97 0.00	37.27 1.29 0.00	35.65 1.27 0.00	38.63 1.46 0.00	40.15 1.51 0.00	38.75 1.54 0.00	30.18 1.21 0.00	28.46 1.08 0.00	26.99 0.87 0.00	26.29 0.76 0.00
ROSETON___1 23587	22.09 0.66 0.00	21.92 0.69 0.00	20.45 0.58 0.00	20.87 0.56 0.00	22.16 0.53 0.00	22.63 0.49 0.00	21.46 0.48 0.00	22.11 0.56 0.00	23.63 0.63 0.00	27.46 0.75 0.00	27.11 0.71 0.00	30.02 0.94 0.00	27.91 0.93 -0.10	30.08 1.08 -0.06	27.51 0.98 -0.33	37.53 1.33 -0.22	35.71 1.34 0.00	38.59 1.42 0.00	40.06 1.42 0.00	38.62 1.41 0.00	29.98 1.00 0.00	28.38 1.01 0.00	27.09 0.97 0.00	26.47 0.94 0.00
ROSETON___2 23588	22.09 0.66 0.00	21.92 0.69 0.00	20.45 0.58 0.00	20.87 0.56 0.00	22.16 0.53 0.00	22.63 0.49 0.00	21.46 0.48 0.00	22.11 0.56 0.00	23.63 0.63 0.00	27.46 0.75 0.00	27.11 0.71 0.00	30.02 0.94 0.00	27.91 0.93 -0.10	30.08 1.08 -0.06	27.51 0.98 -0.33	37.53 1.33 -0.22	35.71 1.34 0.00	38.59 1.42 0.00	40.06 1.42 0.00	38.62 1.41 0.00	29.98 1.00 0.00	28.38 1.01 0.00	27.09 0.97 0.00	26.47 0.94 0.00
ROTTRDAM_115KV_TB3 80664	21.95 0.52 0.00	21.77 0.54 0.00	20.34 0.48 0.00	20.82 0.51 0.00	22.14 0.51 0.00	22.64 0.49 0.00	21.42 0.44 0.00	22.02 0.46 0.00	23.45 0.45 0.00	27.17 0.46 0.00	26.75 0.35 0.00	29.59 0.51 0.00	27.38 0.57 0.07	29.54 0.64 0.05	26.49 0.54 0.25	36.62 0.81 0.17	35.27 0.90 0.00	38.17 1.00 0.00	39.68 1.03 0.00	38.25 1.04 0.00	29.72 0.75 0.00	28.10 0.73 0.00	26.78 0.66 0.00	26.15 0.62 0.00
RUSSELL___1 23602	21.32 -0.11 0.00	21.05 -0.18 0.00	19.85 -0.01 0.00	20.17 -0.14 0.00	21.58 -0.04 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.38 -0.17 0.00	23.03 0.04 0.00	27.04 0.33 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.49 0.61 0.00	30.01 1.07 0.00	27.36 1.15 0.00	37.29 1.30 0.00	35.30 0.92 0.00	38.46 1.28 0.00	39.39 0.74 0.00	37.59 0.38 0.00	29.40 0.42 0.00	27.52 0.14 0.00	26.08 -0.04 0.00	25.25 -0.29 0.00
RUSSELL___2 23532	21.32 -0.11 0.00	21.05 -0.18 0.00	19.85 -0.01 0.00	20.17 -0.14 0.00	21.58 -0.04 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.38 -0.17 0.00	23.03 0.04 0.00	27.04 0.33 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.49 0.61 0.00	30.01 1.07 0.00	27.36 1.15 0.00	37.29 1.30 0.00	35.30 0.92 0.00	38.46 1.28 0.00	39.39 0.74 0.00	37.59 0.38 0.00	29.40 0.42 0.00	27.52 0.14 0.00	26.08 -0.04 0.00	25.25 -0.29 0.00
RUSSELL___3 23549	21.32 -0.11 0.00	21.05 -0.18 0.00	19.85 -0.01 0.00	20.17 -0.14 0.00	21.58 -0.04 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.38 -0.17 0.00	23.03 0.04 0.00	27.04 0.33 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.49 0.61 0.00	30.01 1.07 0.00	27.36 1.15 0.00	37.29 1.30 0.00	35.30 0.92 0.00	38.46 1.28 0.00	39.39 0.74 0.00	37.59 0.38 0.00	29.40 0.42 0.00	27.52 0.14 0.00	26.08 -0.04 0.00	25.25 -0.29 0.00
RUSSELL___4 23556	21.32 -0.11 0.00	21.05 -0.18 0.00	19.85 -0.01 0.00	20.17 -0.14 0.00	21.58 -0.04 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.38 -0.17 0.00	23.03 0.04 0.00	27.04 0.33 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.49 0.61 0.00	30.01 1.07 0.00	27.36 1.15 0.00	37.29 1.30 0.00	35.30 0.92 0.00	38.46 1.28 0.00	39.39 0.74 0.00	37.59 0.38 0.00	29.40 0.42 0.00	27.52 0.14 0.00	26.08 -0.04 0.00	25.25 -0.29 0.00
RUSSELL___STATION 23914	21.32 -0.11 0.00	21.05 -0.18 0.00	19.85 -0.01 0.00	20.17 -0.14 0.00	21.58 -0.04 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.38 -0.17 0.00	23.03 0.04 0.00	27.04 0.33 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.49 0.61 0.00	30.01 1.07 0.00	27.36 1.15 0.00	37.29 1.30 0.00	35.30 0.92 0.00	38.46 1.28 0.00	39.39 0.74 0.00	37.59 0.38 0.00	29.40 0.42 0.00	27.52 0.14 0.00	26.08 -0.04 0.00	25.25 -0.29 0.00
S SALMON___HYD 24043	20.99 -0.44 0.00	20.74 -0.50 0.00	19.42 -0.45 0.00	19.84 -0.47 0.00	21.23 -0.40 0.00	21.85 -0.29 0.00	20.65 -0.33 0.00	21.14 -0.42 0.00	22.59 -0.41 0.00	26.22 -0.49 0.00	26.01 -0.38 0.00	28.72 -0.36 0.00	26.70 -0.18 0.00	28.84 -0.10 0.00	26.06 -0.15 0.00	35.87 -0.11 0.00	34.36 -0.02 0.00	37.12 -0.06 0.00	38.57 -0.08 0.00	37.20 -0.01 0.00	28.99 0.02 0.00	27.37 0.00 0.00	25.97 -0.15 0.00	25.27 -0.26 0.00
S.PERRY__115KV_TB1 80734	21.53 0.09 0.00	21.22 -0.01 0.00	20.00 0.14 0.00	20.35 0.03 0.00	21.79 0.16 0.00	22.30 0.15 0.00	21.19 0.21 0.00	21.67 0.12 0.00	23.35 0.35 0.00	27.46 0.75 0.00	27.35 0.96 0.00	30.06 0.98 0.00	27.81 0.92 0.00	30.22 1.28 0.00	27.67 1.46 0.00	37.64 1.66 0.00	35.54 1.16 0.00	38.86 1.69 0.00	39.70 1.05 0.00	38.50 1.29 0.00	30.30 1.32 0.00	28.37 1.00 0.00	26.78 0.67 0.00	25.86 0.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.51 -0.92 0.00	20.24 -1.00 0.00	19.23 -0.63 0.00	19.52 -0.79 0.00	20.96 -0.67 0.00	21.37 -0.77 0.00	20.26 -0.73 0.00	20.67 -0.89 0.00	22.44 -0.56 0.00	26.49 -0.21 0.00	26.31 -0.09 0.00	29.03 -0.05 0.00	26.91 0.03 0.00	29.46 0.52 0.00	26.94 0.73 0.00	36.61 0.62 0.00	34.48 0.11 0.00	37.54 0.36 0.00	38.10 -0.55 0.00	36.26 -0.95 0.00	28.46 -0.52 0.00	26.62 -0.75 0.00	25.21 -0.91 0.00	24.35 -1.18 0.00



SAWYER___23_KV_LOAD 55526	20.51 -0.92 0.00	20.24 -1.00 0.00	19.23 -0.63 0.00	19.52 -0.79 0.00	20.96 -0.67 0.00	21.37 -0.77 0.00	20.26 -0.73 0.00	20.67 -0.89 0.00	22.44 -0.56 0.00	26.49 -0.21 0.00	26.31 -0.09 0.00	29.03 -0.05 0.00	26.91 0.03 0.00	29.46 0.52 0.00	26.94 0.73 0.00	36.61 0.62 0.00	34.48 0.11 0.00	37.54 0.36 0.00	38.10 -0.55 0.00	36.26 -0.95 0.00	28.46 -0.52 0.00	26.62 -0.75 0.00	25.21 -0.91 0.00	24.35 -1.18 0.00
SELKIRK___I 23801	21.84 0.41 0.00	21.72 0.49 0.00	20.30 0.44 0.00	20.80 0.49 0.00	22.11 0.48 0.00	22.59 0.45 0.00	21.39 0.40 0.00	21.94 0.39 0.00	23.31 0.32 0.00	26.96 0.25 0.00	26.53 0.14 0.00	29.32 0.24 0.00	27.07 0.24 0.06	29.23 0.32 0.04	26.27 0.25 0.19	36.18 0.32 0.13	34.96 0.58 0.00	37.88 0.71 0.00	39.40 0.76 0.00	37.96 0.75 0.00	29.49 0.52 0.00	27.88 0.51 0.00	26.58 0.46 0.00	25.97 0.44 0.00
SELKIRK___II 23799	21.71 0.28 0.00	21.57 0.34 0.00	20.16 0.30 0.00	20.64 0.33 0.00	21.93 0.31 0.00	22.41 0.27 0.00	21.22 0.24 0.00	21.82 0.26 0.00	23.21 0.22 0.00	26.86 0.15 0.00	26.45 0.06 0.00	29.23 0.15 0.00	26.99 0.18 0.07	29.16 0.26 0.04	26.19 0.20 0.23	36.11 0.28 0.15	34.81 0.44 0.00	37.68 0.51 0.00	39.17 0.53 0.00	37.75 0.54 0.00	29.32 0.35 0.00	27.73 0.35 0.00	26.43 0.31 0.00	25.82 0.28 0.00
SENECA OSWGO___HYD 24041	21.16 -0.26 0.00	20.94 -0.29 0.00	19.62 -0.25 0.00	20.04 -0.27 0.00	21.37 -0.26 0.00	21.85 -0.29 0.00	20.72 -0.26 0.00	21.25 -0.31 0.00	22.64 -0.35 0.00	26.28 -0.43 0.00	26.02 -0.37 0.00	28.71 -0.37 0.00	26.59 -0.29 0.00	28.72 -0.22 0.00	26.05 -0.16 0.00	35.73 -0.25 0.00	34.15 -0.23 0.00	36.98 -0.19 0.00	38.30 -0.34 0.00	36.87 -0.34 0.00	28.73 -0.24 0.00	27.06 -0.31 0.00	25.76 -0.36 0.00	25.12 -0.41 0.00
SENECA___115KV_TB3 355854	20.68 -0.75 0.00	20.39 -0.84 0.00	19.36 -0.50 0.00	19.68 -0.63 0.00	21.12 -0.51 0.00	21.53 -0.61 0.00	20.41 -0.58 0.00	20.83 -0.73 0.00	22.64 -0.36 0.00	26.75 0.04 0.00	26.57 0.18 0.00	29.34 0.25 0.00	27.18 0.29 0.00	29.73 0.79 0.00	27.20 0.99 0.00	36.98 0.99 0.00	34.86 0.49 0.00	37.92 0.75 0.00	38.54 -0.10 0.00	36.73 -0.48 0.00	28.81 -0.16 0.00	26.96 -0.42 0.00	25.51 -0.61 0.00	24.63 -0.90 0.00
SENECA___ENERGY 23797	21.18 -0.24 0.00	20.93 -0.30 0.00	19.65 -0.21 0.00	20.02 -0.29 0.00	21.40 -0.23 0.00	21.89 -0.25 0.00	20.79 -0.19 0.00	21.31 -0.25 0.00	22.83 -0.16 0.00	26.71 0.01 0.00	26.44 0.05 0.00	29.32 0.24 0.00	27.14 0.26 0.00	29.40 0.45 0.00	26.74 0.53 0.00	36.55 0.56 0.00	34.85 0.48 0.00	37.69 0.51 0.00	39.00 0.35 0.00	37.50 0.29 0.00	29.32 0.35 0.00	27.52 0.15 0.00	26.11 -0.01 0.00	25.35 -0.18 0.00
SHOEMAKER___GT 23640	22.02 0.59 0.00	21.83 0.60 0.00	20.38 0.51 0.00	20.80 0.49 0.00	22.10 0.47 0.00	22.57 0.43 0.00	21.40 0.42 0.00	22.05 0.49 0.00	23.57 0.57 0.00	27.38 0.67 0.00	27.03 0.64 0.00	29.92 0.84 0.00	27.82 0.86 -0.08	29.97 0.98 -0.05	27.34 0.85 -0.28	37.42 1.25 -0.19	35.65 1.27 0.00	38.55 1.38 0.00	39.99 1.35 0.00	38.53 1.32 0.00	29.94 0.96 0.00	28.33 0.95 0.00	27.03 0.91 0.00	26.41 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	22.02 0.58 0.00	21.83 0.60 0.00	20.38 0.51 0.00	20.80 0.49 0.00	22.09 0.47 0.00	22.57 0.43 0.00	21.39 0.41 0.00	22.05 0.49 0.00	23.56 0.57 0.00	27.38 0.68 0.00	27.04 0.65 0.00	29.93 0.85 0.00	27.83 0.86 -0.08	29.98 0.99 -0.05	27.36 0.87 -0.28	37.42 1.25 -0.19	35.65 1.27 0.00	38.54 1.37 0.00	39.98 1.34 0.00	38.52 1.31 0.00	29.93 0.95 0.00	28.31 0.94 0.00	27.03 0.91 0.00	26.40 0.87 0.00
SHOREHAM_IC_1 23715	22.56 1.03 -0.11	22.31 1.08 0.00	20.81 0.95 0.00	21.16 0.85 0.00	22.33 0.70 0.00	22.92 0.77 0.00	21.84 0.86 0.00	22.45 0.90 0.00	23.94 0.95 0.00	27.91 1.20 0.00	33.12 1.28 -5.45	32.06 1.60 -1.38	32.50 1.59 -4.03	33.23 1.86 -2.43	33.36 1.77 -5.39	38.56 2.29 -0.29	36.34 1.96 0.00	39.43 2.26 0.00	41.06 2.41 0.00	39.55 2.34 0.00	30.57 1.59 0.00	28.97 1.60 0.00	28.76 1.70 -0.94	28.54 1.59 -1.42
SHOREHAM_IC_2 23716	22.56 1.03 -0.11	22.31 1.08 0.00	20.81 0.95 0.00	21.16 0.85 0.00	22.33 0.70 0.00	22.92 0.77 0.00	21.84 0.86 0.00	22.45 0.90 0.00	23.94 0.95 0.00	27.91 1.20 0.00	33.12 1.28 -5.45	32.06 1.60 -1.38	32.50 1.59 -4.03	33.23 1.86 -2.43	33.36 1.77 -5.39	38.56 2.29 -0.29	36.34 1.96 0.00	39.43 2.26 0.00	41.06 2.41 0.00	39.55 2.34 0.00	30.57 1.59 0.00	28.97 1.60 0.00	28.76 1.70 -0.94	28.54 1.59 -1.42
SISSONVILLE____ 23735	20.83 -0.60 0.00	20.53 -0.70 0.00	19.25 -0.61 0.00	19.86 -0.45 0.00	21.26 -0.37 0.00	22.06 -0.08 0.00	20.88 -0.11 0.00	21.47 -0.09 0.00	22.98 -0.02 0.00	26.81 0.10 0.00	26.68 0.29 0.00	29.34 0.26 0.00	27.12 0.23 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.08 0.10 0.00	34.37 -0.01 0.00	36.93 -0.24 0.00	38.73 0.09 0.00	37.36 0.15 0.00	29.19 0.22 0.00	27.62 0.24 0.00	26.29 0.17 0.00	25.65 0.12 0.00
SITHE_IND_GS1 24169	20.95 -0.48 0.00	20.74 -0.49 0.00	19.43 -0.43 0.00	19.85 -0.46 0.00	21.17 -0.46 0.00	21.65 -0.49 0.00	20.53 -0.46 0.00	21.04 -0.52 0.00	22.41 -0.58 0.00	25.97 -0.74 0.00	25.69 -0.71 0.00	28.35 -0.73 0.00	26.24 -0.65 0.00	28.33 -0.61 0.00	25.70 -0.51 0.00	35.23 -0.75 0.00	33.63 -0.74 0.00	36.41 -0.76 0.00	37.72 -0.92 0.00	36.30 -0.91 0.00	28.29 -0.69 0.00	26.67 -0.71 0.00	25.39 -0.73 0.00	24.79 -0.74 0.00
SITHE_IND_GS2 24170	20.95 -0.48 0.00	20.74 -0.49 0.00	19.43 -0.43 0.00	19.85 -0.46 0.00	21.17 -0.46 0.00	21.65 -0.49 0.00	20.53 -0.46 0.00	21.04 -0.52 0.00	22.41 -0.58 0.00	25.97 -0.74 0.00	25.69 -0.71 0.00	28.35 -0.73 0.00	26.24 -0.65 0.00	28.33 -0.61 0.00	25.70 -0.51 0.00	35.23 -0.75 0.00	33.63 -0.74 0.00	36.41 -0.76 0.00	37.72 -0.92 0.00	36.30 -0.91 0.00	28.29 -0.69 0.00	26.67 -0.71 0.00	25.39 -0.73 0.00	24.79 -0.74 0.00
SITHE_IND_GS3 24171	20.95 -0.48 0.00	20.74 -0.49 0.00	19.43 -0.43 0.00	19.85 -0.46 0.00	21.17 -0.46 0.00	21.65 -0.49 0.00	20.53 -0.46 0.00	21.04 -0.52 0.00	22.41 -0.58 0.00	25.97 -0.74 0.00	25.69 -0.71 0.00	28.35 -0.73 0.00	26.24 -0.65 0.00	28.33 -0.61 0.00	25.70 -0.51 0.00	35.23 -0.75 0.00	33.63 -0.74 0.00	36.41 -0.76 0.00	37.72 -0.92 0.00	36.30 -0.91 0.00	28.29 -0.69 0.00	26.67 -0.71 0.00	25.39 -0.73 0.00	24.79 -0.74 0.00
SITHE_IND_GS4 24172	20.95 -0.48 0.00	20.74 -0.49 0.00	19.43 -0.43 0.00	19.85 -0.46 0.00	21.17 -0.46 0.00	21.65 -0.49 0.00	20.53 -0.46 0.00	21.04 -0.52 0.00	22.41 -0.58 0.00	25.97 -0.74 0.00	25.69 -0.71 0.00	28.35 -0.73 0.00	26.24 -0.65 0.00	28.33 -0.61 0.00	25.70 -0.51 0.00	35.23 -0.75 0.00	33.63 -0.74 0.00	36.41 -0.76 0.00	37.72 -0.92 0.00	36.30 -0.91 0.00	28.29 -0.69 0.00	26.67 -0.71 0.00	25.39 -0.73 0.00	24.79 -0.74 0.00



SITHE___BATAVIA 24024	21.36 -0.07 0.00	21.05 -0.19 0.00	19.93 0.07 0.00	20.21 -0.10 0.00	21.67 0.05 0.00	22.12 -0.03 0.00	20.97 -0.01 0.00	21.43 -0.13 0.00	23.21 0.21 0.00	27.36 0.65 0.00	27.15 0.75 0.00	29.80 0.72 0.00	27.69 0.81 0.00	30.31 1.37 0.00	27.67 1.46 0.00	37.60 1.62 0.00	35.63 1.25 0.00	38.92 1.75 0.00	39.70 1.06 0.00	37.78 0.57 0.00	29.63 0.65 0.00	27.68 0.30 0.00	26.17 0.05 0.00	25.23 -0.30 0.00
SITHE___INDEPEND 23800	20.95 -0.48 0.00	20.74 -0.49 0.00	19.43 -0.43 0.00	19.85 -0.46 0.00	21.17 -0.46 0.00	21.65 -0.49 0.00	20.52 -0.46 0.00	21.03 -0.52 0.00	22.41 -0.59 0.00	25.97 -0.74 0.00	25.68 -0.71 0.00	28.35 -0.73 0.00	26.24 -0.65 0.00	28.33 -0.61 0.00	25.70 -0.51 0.00	35.24 -0.75 0.00	33.64 -0.74 0.00	36.41 -0.76 0.00	37.73 -0.91 0.00	36.29 -0.91 0.00	28.29 -0.69 0.00	26.66 -0.71 0.00	25.39 -0.73 0.00	24.79 -0.74 0.00
SITHE___MASSENA 23902	21.40 -0.03 0.00	21.15 -0.08 0.00	19.83 -0.04 0.00	20.29 -0.02 0.00	21.62 -0.01 0.00	22.26 0.12 0.00	21.10 0.12 0.00	21.69 0.13 0.00	23.17 0.17 0.00	27.01 0.30 0.00	26.76 0.37 0.00	29.38 0.30 0.00	27.07 0.19 0.00	28.99 0.05 0.00	26.21 0.00 0.00	36.00 0.02 0.00	34.28 -0.09 0.00	36.95 -0.22 0.00	38.67 0.03 0.00	37.24 0.03 0.00	29.08 0.11 0.00	27.52 0.14 0.00	26.29 0.17 0.00	25.71 0.18 0.00
SITHE___OGDNSBRG 24021	21.52 0.09 0.00	21.22 -0.01 0.00	19.90 0.04 0.00	20.44 0.13 0.00	21.80 0.17 0.00	22.53 0.38 0.00	21.37 0.38 0.00	21.97 0.42 0.00	23.47 0.48 0.00	27.34 0.64 0.00	27.13 0.73 0.00	29.83 0.75 0.00	27.51 0.63 0.00	29.38 0.44 0.00	26.58 0.37 0.00	36.57 0.59 0.00	34.86 0.48 0.00	37.44 0.27 0.00	39.29 0.65 0.00	37.91 0.70 0.00	29.68 0.71 0.00	28.08 0.71 0.00	26.76 0.64 0.00	26.13 0.60 0.00
SITHE___STERLING 23777	21.74 0.31 0.00	21.49 0.26 0.00	20.10 0.24 0.00	20.56 0.25 0.00	21.95 0.32 0.00	22.48 0.33 0.00	21.31 0.33 0.00	21.91 0.36 0.00	23.38 0.38 0.00	27.15 0.44 0.00	26.97 0.58 0.00	29.83 0.75 0.00	27.59 0.70 0.00	29.79 0.85 0.00	26.98 0.77 0.00	37.01 1.02 0.00	35.37 1.00 0.00	38.32 1.15 0.00	39.81 1.16 0.00	38.39 1.18 0.00	29.91 0.93 0.00	28.20 0.83 0.00	26.78 0.66 0.00	26.10 0.56 0.00
SLEIGHT__34_KV_TB1 80719	21.16 -0.27 0.00	20.91 -0.32 0.00	19.67 -0.19 0.00	20.00 -0.31 0.00	21.40 -0.23 0.00	21.88 -0.26 0.00	20.76 -0.22 0.00	21.25 -0.31 0.00	22.84 -0.16 0.00	26.74 0.03 0.00	26.49 0.10 0.00	29.26 0.18 0.00	27.15 0.27 0.00	29.50 0.56 0.00	26.83 0.62 0.00	36.67 0.68 0.00	34.85 0.47 0.00	37.86 0.69 0.00	38.94 0.30 0.00	37.29 0.09 0.00	29.14 0.16 0.00	27.31 -0.07 0.00	25.92 -0.20 0.00	25.14 -0.39 0.00
SOUTH CAIRO___GT 23612	22.51 1.08 0.00	22.33 1.10 0.00	20.87 1.01 0.00	21.35 1.04 0.00	22.71 1.08 0.00	23.20 1.06 0.00	22.00 1.02 0.00	22.59 1.04 0.00	23.96 0.97 0.00	27.62 0.91 0.00	27.08 0.69 0.00	30.02 0.94 0.00	27.64 0.80 0.04	30.00 1.08 0.02	27.17 1.08 0.12	37.16 1.26 0.09	36.24 1.86 0.00	39.42 2.25 0.00	41.11 2.47 0.00	39.57 2.35 0.00	30.69 1.71 0.00	28.94 1.57 0.00	27.50 1.38 0.00	26.76 1.23 0.00
SOUTH HAMPTN___IC 23720	22.96 1.42 -0.11	22.66 1.43 0.00	21.13 1.27 0.00	21.47 1.16 0.00	22.63 1.00 0.00	23.23 1.09 0.00	22.18 1.20 0.00	22.84 1.28 0.00	24.40 1.41 0.00	28.52 1.82 0.00	33.82 1.98 -5.45	32.81 2.35 -1.38	33.17 2.26 -4.03	34.03 2.66 -2.43	34.07 2.48 -5.39	39.57 3.30 -0.29	37.34 2.97 0.00	40.52 3.35 0.00	42.17 3.53 0.00	40.60 3.38 0.00	31.39 2.41 0.00	29.66 2.28 0.00	29.41 2.35 -0.94	29.15 2.20 -1.42
SOUTHDOW_115KV_TB1 355954	20.86 -0.58 0.00	20.59 -0.64 0.00	19.67 -0.19 0.00	20.04 -0.27 0.00	21.33 -0.30 0.00	21.60 -0.54 0.00	20.46 -0.52 0.00	21.14 -0.42 0.00	23.36 0.36 0.00	27.63 0.92 0.00	27.31 0.92 0.00	30.24 1.15 0.00	27.91 1.02 0.00	30.49 1.55 0.00	27.87 1.66 0.00	37.99 2.01 0.00	35.88 1.50 0.00	39.05 1.87 0.00	39.94 1.30 0.00	38.08 0.87 0.00	29.75 0.78 0.00	27.92 0.55 0.00	26.39 0.27 0.00	25.50 -0.04 0.00
SOUTHOLD_69_KV_BK 2 55809	23.35 1.82 -0.11	23.02 1.79 0.00	21.47 1.61 0.00	21.76 1.45 0.00	22.89 1.26 0.00	23.53 1.39 0.00	22.52 1.54 0.00	23.24 1.68 0.00	24.88 1.88 0.00	29.14 2.43 0.00	34.53 2.69 -5.44	33.51 3.05 -1.38	33.81 2.90 -4.03	34.81 3.44 -2.43	34.74 3.14 -5.39	40.61 4.34 -0.29	38.38 4.01 0.00	41.66 4.49 0.00	43.36 4.72 0.00	41.69 4.48 0.00	32.25 3.28 0.00	30.39 3.02 0.00	30.12 3.06 -0.94	29.84 2.90 -1.42
SOUTHOLD___IC 23719	23.35 1.81 -0.11	23.03 1.79 0.00	21.47 1.60 0.00	21.76 1.45 0.00	22.89 1.26 0.00	23.53 1.39 0.00	22.52 1.54 0.00	23.24 1.68 0.00	24.88 1.88 0.00	29.14 2.43 0.00	34.53 2.69 -5.45	33.51 3.05 -1.38	33.81 2.90 -4.03	34.81 3.44 -2.43	34.74 3.14 -5.39	40.61 4.34 -0.29	38.38 4.00 0.00	41.66 4.49 0.00	43.36 4.72 0.00	41.69 4.48 0.00	32.25 3.28 0.00	30.39 3.02 0.00	30.12 3.06 -0.94	29.84 2.90 -1.42
SOUTH_FORK_WT_PWR 323839	23.40 1.87 -0.11	23.06 1.83 0.00	21.50 1.64 0.00	21.77 1.46 0.00	22.86 1.23 0.00	23.53 1.39 0.00	22.55 1.57 0.00	23.28 1.73 0.00	24.93 1.93 0.00	29.21 2.51 0.00	34.65 2.81 -5.45	33.58 3.12 -1.38	33.83 2.93 -4.03	34.88 3.51 -2.43	34.76 3.16 -5.39	40.67 4.40 -0.29	38.46 4.08 0.00	41.70 4.53 0.00	43.44 4.80 0.00	41.78 4.57 0.00	32.34 3.37 0.00	30.46 3.08 0.00	30.21 3.15 -0.94	29.96 3.01 -1.42
SPIERFLS_115KV_TB 1 80737	23.16 1.72 0.00	22.94 1.71 0.00	21.34 1.48 0.00	21.79 1.48 0.00	23.18 1.55 0.00	23.74 1.59 0.00	22.51 1.53 0.00	23.17 1.62 0.00	24.72 1.73 0.00	28.54 1.83 0.00	27.81 1.42 0.00	30.78 1.70 0.00	28.41 1.63 0.10	30.69 1.81 0.07	27.49 1.64 0.36	38.06 2.32 0.24	36.93 2.55 0.00	40.02 2.85 0.00	42.15 3.51 0.00	40.68 3.47 0.00	31.56 2.58 0.00	29.84 2.47 0.00	28.37 2.25 0.00	27.64 2.11 0.00
ST LAWRENCE____ 23600	21.24 -0.19 0.00	21.00 -0.23 0.00	19.67 -0.19 0.00	20.11 -0.20 0.00	21.42 -0.20 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.47 -0.09 0.00	22.92 -0.07 0.00	26.71 0.00 0.00	26.45 0.06 0.00	29.03 -0.05 0.00	26.75 -0.14 0.00	28.64 -0.30 0.00	25.90 -0.31 0.00	35.58 -0.40 0.00	33.89 -0.48 0.00	36.56 -0.61 0.00	38.24 -0.40 0.00	36.82 -0.39 0.00	28.74 -0.23 0.00	27.19 -0.18 0.00	25.99 -0.13 0.00	25.43 -0.10 0.00
STATE_CA_115KV_115_LB 55624	21.76 0.33 0.00	21.64 0.40 0.00	20.22 0.36 0.00	20.69 0.38 0.00	21.97 0.34 0.00	22.44 0.30 0.00	21.28 0.30 0.00	21.88 0.32 0.00	23.27 0.27 0.00	26.91 0.19 0.00	26.48 0.09 0.00	29.29 0.21 0.00	27.04 0.25 0.09	29.23 0.35 0.06	26.15 0.25 0.31	36.16 0.39 0.21	34.93 0.55 0.00	37.80 0.63 0.00	39.30 0.66 0.00	37.87 0.66 0.00	29.40 0.43 0.00	27.80 0.43 0.00	26.49 0.37 0.00	25.87 0.33 0.00



STATE_ST_34_KV_LOAD 55959	21.49 0.06 0.00	21.29 0.05 0.00	19.95 0.09 0.00	20.28 -0.03 0.00	21.71 0.08 0.00	22.25 0.11 0.00	21.12 0.13 0.00	21.57 0.01 0.00	23.12 0.13 0.00	26.94 0.23 0.00	26.62 0.23 0.00	29.42 0.34 0.00	27.26 0.37 0.00	29.48 0.54 0.00	26.65 0.44 0.00	36.62 0.64 0.00	34.90 0.53 0.00	37.86 0.68 0.00	39.20 0.56 0.00	37.71 0.50 0.00	29.45 0.47 0.00	27.59 0.22 0.00	26.30 0.18 0.00	25.61 0.08 0.00
STATION_5_MISC_HYD 23604	21.19 -0.24 0.00	20.93 -0.30 0.00	19.74 -0.12 0.00	20.07 -0.25 0.00	21.48 -0.15 0.00	21.93 -0.21 0.00	20.79 -0.19 0.00	21.28 -0.28 0.00	22.92 -0.08 0.00	26.89 0.18 0.00	26.67 0.28 0.00	29.44 0.36 0.00	27.31 0.43 0.00	29.80 0.86 0.00	27.17 0.96 0.00	37.02 1.04 0.00	35.04 0.66 0.00	38.16 0.99 0.00	39.09 0.45 0.00	37.32 0.10 0.00	29.18 0.21 0.00	27.33 -0.04 0.00	25.91 -0.21 0.00	25.09 -0.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.35 -0.08 0.00	21.09 -0.15 0.00	19.84 -0.02 0.00	20.19 -0.12 0.00	21.60 -0.03 0.00	22.06 -0.09 0.00	20.94 -0.04 0.00	21.45 -0.10 0.00	23.06 0.07 0.00	27.02 0.31 0.00	26.79 0.40 0.00	29.63 0.55 0.00	27.47 0.59 0.00	29.86 0.92 0.00	27.20 0.99 0.00	37.12 1.14 0.00	35.28 0.90 0.00	38.30 1.13 0.00	39.43 0.78 0.00	37.76 0.55 0.00	29.51 0.54 0.00	27.66 0.28 0.00	26.20 0.08 0.00	25.40 -0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.10 -0.33 0.00	20.84 -0.39 0.00	19.65 -0.21 0.00	19.97 -0.33 0.00	21.37 -0.26 0.00	21.83 -0.32 0.00	20.70 -0.28 0.00	21.19 -0.37 0.00	22.80 -0.19 0.00	26.75 0.04 0.00	26.54 0.14 0.00	29.29 0.21 0.00	27.19 0.30 0.00	29.64 0.70 0.00	27.01 0.81 0.00	36.82 0.84 0.00	34.89 0.51 0.00	37.97 0.80 0.00	38.93 0.28 0.00	37.17 -0.04 0.00	29.06 0.08 0.00	27.22 -0.15 0.00	25.80 -0.32 0.00	25.00 -0.53 0.00
STA_56___34_KV_BUS2 355983	21.10 -0.33 0.00	20.84 -0.39 0.00	19.65 -0.21 0.00	19.97 -0.33 0.00	21.37 -0.26 0.00	21.83 -0.32 0.00	20.70 -0.28 0.00	21.19 -0.37 0.00	22.80 -0.19 0.00	26.75 0.04 0.00	26.54 0.14 0.00	29.29 0.21 0.00	27.19 0.30 0.00	29.64 0.70 0.00	27.01 0.81 0.00	36.82 0.84 0.00	34.89 0.51 0.00	37.97 0.80 0.00	38.93 0.28 0.00	37.17 -0.04 0.00	29.06 0.08 0.00	27.22 -0.15 0.00	25.80 -0.32 0.00	25.00 -0.53 0.00
STA_67___115KV_BK2 355882	21.13 -0.30 0.00	20.88 -0.36 0.00	19.69 -0.17 0.00	20.02 -0.29 0.00	21.43 -0.20 0.00	21.88 -0.26 0.00	20.75 -0.24 0.00	21.23 -0.33 0.00	22.86 -0.14 0.00	26.82 0.11 0.00	26.60 0.21 0.00	29.35 0.27 0.00	27.23 0.35 0.00	29.70 0.76 0.00	27.08 0.87 0.00	36.90 0.91 0.00	34.93 0.55 0.00	38.03 0.86 0.00	38.96 0.32 0.00	37.20 -0.01 0.00	29.09 0.11 0.00	27.25 -0.12 0.00	25.83 -0.29 0.00	25.03 -0.50 0.00
STA_7___115KV_9TRANS 80674	21.32 -0.11 0.00	21.05 -0.18 0.00	19.85 -0.01 0.00	20.17 -0.14 0.00	21.58 -0.04 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.38 -0.17 0.00	23.03 0.04 0.00	27.04 0.33 0.00	26.83 0.44 0.00	29.62 0.54 0.00	27.49 0.61 0.00	30.01 1.07 0.00	27.36 1.15 0.00	37.29 1.30 0.00	35.30 0.92 0.00	38.46 1.28 0.00	39.39 0.74 0.00	37.59 0.38 0.00	29.40 0.42 0.00	27.52 0.14 0.00	26.08 -0.04 0.00	25.25 -0.29 0.00
STA_82___115KV_TB1 80780	21.15 -0.28 0.00	20.89 -0.34 0.00	19.71 -0.16 0.00	20.02 -0.29 0.00	21.44 -0.19 0.00	21.89 -0.25 0.00	20.75 -0.23 0.00	21.23 -0.32 0.00	22.87 -0.12 0.00	26.83 0.12 0.00	26.62 0.23 0.00	29.37 0.29 0.00	27.25 0.36 0.00	29.72 0.78 0.00	27.09 0.88 0.00	36.93 0.94 0.00	34.95 0.58 0.00	38.06 0.89 0.00	38.98 0.34 0.00	37.22 0.00 0.00	29.11 0.13 0.00	27.27 -0.11 0.00	25.84 -0.28 0.00	25.04 -0.49 0.00
STEEL___WIND 323596	20.64 -0.80 0.00	20.35 -0.89 0.00	19.33 -0.53 0.00	19.66 -0.65 0.00	21.08 -0.55 0.00	21.50 -0.64 0.00	20.39 -0.60 0.00	20.80 -0.76 0.00	22.62 -0.38 0.00	26.72 0.02 0.00	26.54 0.14 0.00	29.30 0.22 0.00	27.12 0.24 0.00	29.67 0.73 0.00	27.16 0.95 0.00	36.90 0.91 0.00	34.79 0.41 0.00	37.84 0.67 0.00	38.48 -0.16 0.00	36.68 -0.53 0.00	28.77 -0.20 0.00	26.93 -0.44 0.00	25.48 -0.64 0.00	24.60 -0.93 0.00
STEPHTWN_115KV_BK_2 55603	21.83 0.40 0.00	21.66 0.43 0.00	20.25 0.39 0.00	20.71 0.39 0.00	22.03 0.40 0.00	22.47 0.33 0.00	21.35 0.36 0.00	21.97 0.41 0.00	23.37 0.37 0.00	27.05 0.34 0.00	26.58 0.19 0.00	29.45 0.37 0.00	27.08 0.29 0.09	29.34 0.45 0.06	26.26 0.37 0.31	36.41 0.63 0.21	35.10 0.73 0.00	38.03 0.85 0.00	39.56 0.92 0.00	38.11 0.90 0.00	29.53 0.56 0.00	27.93 0.56 0.00	26.61 0.49 0.00	26.00 0.47 0.00
STEUBEN_REC_LFGE 323667	20.21 -1.22 0.00	19.94 -1.29 0.00	18.83 -1.03 0.00	18.90 -1.41 0.00	20.27 -1.36 0.00	21.04 -1.10 0.00	20.50 -0.49 0.00	21.00 -0.55 0.00	22.52 -0.47 0.00	26.94 0.23 0.00	27.21 0.81 0.00	30.25 1.17 0.00	27.74 0.86 0.00	30.43 1.49 0.00	27.56 1.35 0.00	37.69 1.70 0.00	35.64 1.26 0.00	38.59 1.41 0.00	40.19 1.55 0.00	39.11 1.90 0.00	31.00 2.02 0.00	28.87 1.50 0.00	27.43 1.32 0.00	26.47 0.94 0.00
STILLWATER___SOLAR 323814	22.72 1.29 0.00	22.54 1.31 0.00	21.01 1.15 0.00	21.48 1.17 0.00	22.85 1.22 0.00	23.37 1.23 0.00	22.14 1.16 0.00	22.77 1.22 0.00	24.25 1.25 0.00	28.00 1.30 0.00	27.43 1.04 0.00	30.34 1.26 0.00	28.08 1.31 0.12	30.32 1.45 0.08	27.03 1.23 0.40	37.53 1.82 0.27	36.41 2.03 0.00	39.43 2.26 0.00	41.19 2.55 0.00	39.75 2.54 0.00	30.83 1.86 0.00	29.16 1.79 0.00	27.73 1.61 0.00	27.05 1.52 0.00
STONY___BROOK 24151	22.79 1.26 -0.11	22.48 1.25 0.00	20.98 1.12 0.00	21.35 1.04 0.00	22.53 0.90 0.00	23.10 0.95 0.00	22.02 1.04 0.00	22.70 1.14 0.00	24.20 1.20 0.00	28.23 1.53 0.00	33.45 1.61 -5.45	32.45 1.99 -1.38	32.84 1.93 -4.03	33.56 2.19 -2.43	33.68 2.08 -5.39	38.91 2.64 -0.29	36.49 2.12 0.00	39.58 2.41 0.00	41.35 2.71 0.00	39.82 2.61 0.00	30.78 1.81 0.00	29.17 1.80 0.00	28.96 1.90 -0.94	28.75 1.80 -1.42
STURGEON_POOL_HYD 23609	22.09 0.65 0.00	21.90 0.67 0.00	20.42 0.55 0.00	20.85 0.54 0.00	22.13 0.50 0.00	22.60 0.46 0.00	21.42 0.44 0.00	22.09 0.54 0.00	23.66 0.66 0.00	27.56 0.85 0.00	27.25 0.85 0.00	30.15 1.07 0.00	28.00 1.07 -0.05	30.21 1.24 -0.03	27.49 1.12 -0.15	37.68 1.59 -0.10	35.89 1.52 0.00	38.78 1.61 0.00	40.22 1.57 0.00	38.77 1.56 0.00	30.09 1.12 0.00	28.47 1.10 0.00	27.18 1.06 0.00	26.55 1.02 0.00
ST_LAW_115_BK7_LBMP 345037	21.23 -0.20 0.00	20.99 -0.24 0.00	19.66 -0.20 0.00	20.11 -0.20 0.00	21.42 -0.21 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.47 -0.09 0.00	22.92 -0.07 0.00	26.72 0.01 0.00	26.46 0.06 0.00	29.03 -0.05 0.00	26.74 -0.14 0.00	28.63 -0.31 0.00	25.89 -0.32 0.00	35.57 -0.41 0.00	33.87 -0.50 0.00	36.54 -0.63 0.00	38.22 -0.42 0.00	36.81 -0.40 0.00	28.74 -0.24 0.00	27.19 -0.19 0.00	25.99 -0.13 0.00	25.43 -0.10 0.00



ST_LAW_115_BK8_LBMP 345038	21.23 -0.20 0.00	20.99 -0.24 0.00	19.66 -0.20 0.00	20.11 -0.20 0.00	21.42 -0.21 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.47 -0.09 0.00	22.92 -0.07 0.00	26.72 0.01 0.00	26.46 0.06 0.00	29.03 -0.05 0.00	26.74 -0.14 0.00	28.63 -0.31 0.00	25.89 -0.32 0.00	35.57 -0.41 0.00	33.87 -0.50 0.00	36.54 -0.63 0.00	38.22 -0.42 0.00	36.81 -0.40 0.00	28.74 -0.24 0.00	27.19 -0.19 0.00	25.99 -0.13 0.00	25.43 -0.10 0.00
ST_LAW_230_BK5_LBMP 345035	21.24 -0.19 0.00	21.00 -0.23 0.00	19.67 -0.19 0.00	20.11 -0.20 0.00	21.42 -0.20 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.47 -0.09 0.00	22.92 -0.07 0.00	26.71 0.00 0.00	26.45 0.06 0.00	29.03 -0.05 0.00	26.75 -0.14 0.00	28.64 -0.30 0.00	25.90 -0.31 0.00	35.58 -0.40 0.00	33.89 -0.48 0.00	36.56 -0.61 0.00	38.24 -0.40 0.00	36.82 -0.39 0.00	28.74 -0.23 0.00	27.19 -0.18 0.00	25.99 -0.13 0.00	25.43 -0.10 0.00
ST_LAW_230_BK6_LBMP 345036	21.24 -0.19 0.00	21.00 -0.23 0.00	19.67 -0.19 0.00	20.11 -0.20 0.00	21.42 -0.20 0.00	22.04 -0.10 0.00	20.89 -0.09 0.00	21.47 -0.09 0.00	22.92 -0.07 0.00	26.71 0.00 0.00	26.45 0.06 0.00	29.03 -0.05 0.00	26.75 -0.14 0.00	28.64 -0.30 0.00	25.90 -0.31 0.00	35.58 -0.40 0.00	33.89 -0.48 0.00	36.56 -0.61 0.00	38.24 -0.40 0.00	36.82 -0.39 0.00	28.74 -0.23 0.00	27.19 -0.18 0.00	25.99 -0.13 0.00	25.43 -0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.11 0.67 0.00	21.92 0.69 0.00	20.46 0.60 0.00	20.87 0.56 0.00	22.16 0.54 0.00	22.63 0.49 0.00	21.46 0.48 0.00	22.12 0.57 0.00	23.66 0.67 0.00	27.52 0.81 0.00	27.19 0.79 0.00	30.12 1.04 0.00	28.00 1.03 -0.09	30.17 1.17 -0.06	27.59 1.08 -0.30	37.66 1.47 -0.20	35.84 1.46 0.00	38.73 1.56 0.00	40.17 1.53 0.00	38.70 1.49 0.00	30.05 1.08 0.00	28.45 1.07 0.00	27.16 1.04 0.00	26.55 1.01 0.00
SWANROAD_115KV_TB1 355699	20.25 -1.18 0.00	19.96 -1.27 0.00	18.99 -0.87 0.00	19.27 -1.05 0.00	20.69 -0.94 0.00	21.12 -1.02 0.00	20.02 -0.96 0.00	20.39 -1.17 0.00	22.12 -0.87 0.00	26.13 -0.58 0.00	25.93 -0.46 0.00	28.58 -0.50 0.00	26.54 -0.35 0.00	29.08 0.14 0.00	26.58 0.38 0.00	36.04 0.06 0.00	33.94 -0.43 0.00	36.99 -0.19 0.00	37.46 -1.18 0.00	35.62 -1.59 0.00	28.00 -0.98 0.00	26.20 -1.18 0.00	24.80 -1.32 0.00	23.94 -1.59 0.00
SYNERGY___BIOGAS 323694	21.36 -0.07 0.00	21.05 -0.19 0.00	19.93 0.07 0.00	20.21 -0.10 0.00	21.67 0.05 0.00	22.12 -0.03 0.00	20.97 -0.01 0.00	21.43 -0.13 0.00	23.21 0.21 0.00	27.36 0.65 0.00	27.15 0.75 0.00	29.80 0.72 0.00	27.69 0.81 0.00	30.31 1.37 0.00	27.67 1.46 0.00	37.60 1.62 0.00	35.63 1.25 0.00	38.92 1.75 0.00	39.70 1.06 0.00	37.78 0.57 0.00	29.63 0.65 0.00	27.68 0.30 0.00	26.17 0.05 0.00	25.23 -0.30 0.00
SYRACUSE___ENERGY_ST1 323597	21.36 -0.07 0.00	21.14 -0.09 0.00	19.80 -0.06 0.00	20.22 -0.09 0.00	21.59 -0.04 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.49 -0.07 0.00	22.94 -0.06 0.00	26.66 -0.05 0.00	26.38 -0.02 0.00	29.14 0.06 0.00	26.98 0.10 0.00	29.16 0.22 0.00	26.45 0.24 0.00	36.27 0.29 0.00	34.63 0.25 0.00	37.51 0.34 0.00	38.85 0.21 0.00	37.38 0.17 0.00	29.13 0.16 0.00	27.43 0.06 0.00	26.10 -0.02 0.00	25.44 -0.09 0.00
SYRACUSE___ENERGY_ST2 323598	21.36 -0.07 0.00	21.14 -0.09 0.00	19.80 -0.06 0.00	20.22 -0.09 0.00	21.59 -0.04 0.00	22.09 -0.05 0.00	20.95 -0.03 0.00	21.49 -0.07 0.00	22.94 -0.06 0.00	26.66 -0.05 0.00	26.38 -0.02 0.00	29.14 0.06 0.00	26.98 0.10 0.00	29.16 0.22 0.00	26.45 0.24 0.00	36.27 0.29 0.00	34.63 0.25 0.00	37.51 0.34 0.00	38.85 0.21 0.00	37.38 0.17 0.00	29.13 0.16 0.00	27.43 0.06 0.00	26.10 -0.02 0.00	25.44 -0.09 0.00
SYRACUSE___POWER 24017	21.37 -0.06 0.00	21.15 -0.08 0.00	19.81 -0.05 0.00	20.23 -0.08 0.00	21.59 -0.04 0.00	22.07 -0.07 0.00	20.93 -0.05 0.00	21.49 -0.07 0.00	22.93 -0.07 0.00	26.65 -0.06 0.00	26.38 -0.01 0.00	29.15 0.07 0.00	26.99 0.11 0.00	29.16 0.22 0.00	26.48 0.27 0.00	36.29 0.30 0.00	34.63 0.25 0.00	37.53 0.36 0.00	38.86 0.22 0.00	37.39 0.17 0.00	29.13 0.16 0.00	27.46 0.08 0.00	26.11 -0.01 0.00	25.45 -0.08 0.00
TALLMAN___138KV_BK151 55660	22.21 0.78 0.00	22.03 0.80 0.00	20.55 0.69 0.00	20.95 0.64 0.00	22.24 0.60 0.00	22.70 0.55 0.00	21.53 0.54 0.00	22.22 0.66 0.00	23.78 0.78 0.00	27.66 0.96 0.00	27.34 0.94 0.00	30.30 1.22 0.00	28.17 1.19 -0.09	30.37 1.37 -0.06	27.80 1.27 -0.32	37.91 1.70 -0.22	36.03 1.66 0.00	38.94 1.76 0.00	40.37 1.72 0.00	38.89 1.68 0.00	30.19 1.21 0.00	28.59 1.21 0.00	27.32 1.20 0.00	26.70 1.17 0.00
TEALLAVE_115KV_TB7 355573	21.29 -0.14 0.00	21.07 -0.16 0.00	19.74 -0.12 0.00	20.16 -0.15 0.00	21.50 -0.12 0.00	21.99 -0.16 0.00	20.85 -0.13 0.00	21.39 -0.16 0.00	22.82 -0.17 0.00	26.52 -0.19 0.00	26.25 -0.14 0.00	28.99 -0.09 0.00	26.85 -0.03 0.00	29.02 0.08 0.00	26.34 0.13 0.00	36.10 0.12 0.00	34.46 0.08 0.00	37.34 0.17 0.00	38.65 0.01 0.00	37.17 -0.04 0.00	28.96 -0.01 0.00	27.31 -0.07 0.00	25.96 -0.16 0.00	25.31 -0.23 0.00
TELGRAPH_34_KV_EAST 80808	20.84 -0.59 0.00	20.55 -0.68 0.00	19.50 -0.36 0.00	19.78 -0.53 0.00	21.23 -0.40 0.00	21.66 -0.48 0.00	20.52 -0.46 0.00	20.95 -0.61 0.00	22.72 -0.27 0.00	26.82 0.11 0.00	26.62 0.23 0.00	29.28 0.20 0.00	27.22 0.33 0.00	29.81 0.87 0.00	27.23 1.02 0.00	36.96 0.97 0.00	34.90 0.52 0.00	38.05 0.88 0.00	38.65 0.01 0.00	36.77 -0.44 0.00	28.87 -0.10 0.00	26.99 -0.39 0.00	25.54 -0.58 0.00	24.64 -0.89 0.00
TEMPLE___115KV_TB 2 55572	21.30 -0.13 0.00	21.08 -0.15 0.00	19.75 -0.12 0.00	20.17 -0.14 0.00	21.51 -0.11 0.00	22.00 -0.15 0.00	20.86 -0.12 0.00	21.40 -0.15 0.00	22.83 -0.16 0.00	26.54 -0.17 0.00	26.27 -0.12 0.00	29.01 -0.07 0.00	26.87 -0.02 0.00	29.04 0.10 0.00	26.36 0.15 0.00	36.13 0.14 0.00	34.49 0.11 0.00	37.37 0.19 0.00	38.67 0.03 0.00	37.20 -0.02 0.00	28.99 0.01 0.00	27.32 -0.05 0.00	25.98 -0.14 0.00	25.33 -0.21 0.00
TIANA____69_KV_BK 1 55817	22.87 1.33 -0.11	22.58 1.34 0.00	21.06 1.20 0.00	21.40 1.09 0.00	22.57 0.94 0.00	23.16 1.02 0.00	22.10 1.12 0.00	22.75 1.20 0.00	24.30 1.31 0.00	28.38 1.67 0.00	33.65 1.81 -5.44	32.63 2.17 -1.38	33.02 2.11 -4.03	33.84 2.47 -2.43	33.92 2.33 -5.39	39.34 3.07 -0.29	37.11 2.73 0.00	40.27 3.10 0.00	41.93 3.28 0.00	40.36 3.15 0.00	31.20 2.22 0.00	29.50 2.12 0.00	29.26 2.20 -0.94	29.00 2.05 -1.42
TILDEN___115KV_TB1 80814	21.37 -0.06 0.00	21.15 -0.08 0.00	19.81 -0.05 0.00	20.23 -0.08 0.00	21.59 -0.04 0.00	22.07 -0.07 0.00	20.93 -0.05 0.00	21.49 -0.07 0.00	22.93 -0.07 0.00	26.65 -0.06 0.00	26.38 -0.01 0.00	29.15 0.07 0.00	26.99 0.11 0.00	29.16 0.22 0.00	26.48 0.27 0.00	36.29 0.30 0.00	34.63 0.25 0.00	37.53 0.36 0.00	38.86 0.22 0.00	37.39 0.17 0.00	29.13 0.16 0.00	27.46 0.08 0.00	26.11 -0.01 0.00	25.45 -0.08 0.00



TRIGEN___CC 323695	22.68 1.14 -0.11	22.38 1.15 0.00	20.87 1.01 0.00	21.26 0.95 0.00	22.50 0.87 0.00	23.02 0.87 0.00	21.89 0.91 0.00	22.57 1.02 0.00	24.10 1.10 0.00	28.06 1.35 0.00	33.25 1.42 -5.44	32.21 1.75 -1.38	32.60 1.69 -4.03	33.28 1.91 -2.43	33.34 1.74 -5.39	38.47 2.20 -0.29	36.34 1.96 0.00	39.29 2.11 0.00	40.78 2.14 0.00	39.33 2.12 0.00	30.51 1.53 0.00	28.94 1.57 0.00	28.72 1.66 -0.94	28.56 1.61 -1.42
TRINITY___115KV___4 BK 55933	21.68 0.24 0.00	21.55 0.32 0.00	20.15 0.29 0.00	20.61 0.30 0.00	21.89 0.26 0.00	22.37 0.22 0.00	21.20 0.22 0.00	21.79 0.24 0.00	23.17 0.17 0.00	26.78 0.07 0.00	26.35 -0.05 0.00	29.13 0.05 0.00	26.89 0.09 0.09	29.06 0.18 0.06	26.00 0.10 0.31	35.95 0.18 0.21	34.71 0.34 0.00	37.57 0.40 0.00	39.08 0.43 0.00	37.66 0.45 0.00	29.23 0.26 0.00	27.65 0.28 0.00	26.35 0.23 0.00	25.74 0.21 0.00
UNION___PROCESSING_DRP 323587	21.15 -0.28 0.00	20.89 -0.34 0.00	19.71 -0.15 0.00	20.03 -0.28 0.00	21.44 -0.19 0.00	21.89 -0.25 0.00	20.76 -0.22 0.00	21.24 -0.32 0.00	22.87 -0.12 0.00	26.84 0.13 0.00	26.62 0.23 0.00	29.38 0.30 0.00	27.25 0.37 0.00	29.72 0.78 0.00	27.10 0.89 0.00	36.93 0.95 0.00	34.96 0.58 0.00	38.07 0.90 0.00	39.00 0.35 0.00	37.23 0.01 0.00	29.12 0.14 0.00	27.27 -0.10 0.00	25.86 -0.26 0.00	25.05 -0.48 0.00
UPPER HUDSON___HYD 24058	23.16 1.72 0.00	22.94 1.71 0.00	21.34 1.48 0.00	21.80 1.48 0.00	23.18 1.55 0.00	23.74 1.59 0.00	22.51 1.53 0.00	23.17 1.62 0.00	24.72 1.73 0.00	28.54 1.83 0.00	27.81 1.41 0.00	30.78 1.70 0.00	28.41 1.63 0.10	30.69 1.81 0.07	27.49 1.64 0.36	38.07 2.33 0.24	36.93 2.55 0.00	40.02 2.85 0.00	42.15 3.51 0.00	40.68 3.47 0.00	31.56 2.58 0.00	29.84 2.47 0.00	28.37 2.24 0.00	27.64 2.11 0.00
UPPER RAQUET___HYD 24056	20.83 -0.60 0.00	20.53 -0.70 0.00	19.25 -0.61 0.00	19.86 -0.45 0.00	21.26 -0.37 0.00	22.06 -0.08 0.00	20.88 -0.10 0.00	21.47 -0.09 0.00	22.98 -0.02 0.00	26.81 0.10 0.00	26.68 0.29 0.00	29.34 0.26 0.00	27.12 0.23 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.08 0.10 0.00	34.37 -0.01 0.00	36.93 -0.24 0.00	38.73 0.09 0.00	37.36 0.15 0.00	29.19 0.22 0.00	27.62 0.24 0.00	26.29 0.17 0.00	25.65 0.12 0.00
VALLEY44_115KV_TB2 355964	20.69 -0.74 0.00	20.52 -0.71 0.00	19.47 -0.39 0.00	19.80 -0.51 0.00	21.29 -0.34 0.00	21.61 -0.54 0.00	20.50 -0.49 0.00	21.02 -0.54 0.00	22.79 -0.21 0.00	26.90 0.19 0.00	26.68 0.29 0.00	29.61 0.53 0.00	27.32 0.44 0.00	29.79 0.85 0.00	27.18 0.97 0.00	37.00 1.02 0.00	34.91 0.53 0.00	38.03 0.86 0.00	38.86 0.21 0.00	37.10 -0.11 0.00	29.05 0.07 0.00	27.20 -0.17 0.00	25.85 -0.27 0.00	25.06 -0.47 0.00
VALLEY___115KV_TB 1-4 80826	21.49 0.06 0.00	21.35 0.12 0.00	19.98 0.11 0.00	20.44 0.12 0.00	21.72 0.09 0.00	22.15 0.01 0.00	21.03 0.05 0.00	21.66 0.10 0.00	23.03 0.04 0.00	26.62 -0.09 0.00	26.16 -0.23 0.00	29.08 0.00 0.00	26.99 0.11 0.00	29.00 0.06 0.00	26.20 -0.01 0.00	36.17 0.18 0.00	34.67 0.29 0.00	37.49 0.32 0.00	39.00 0.35 0.00	37.63 0.42 0.00	29.24 0.26 0.00	27.61 0.24 0.00	26.35 0.23 0.00	25.72 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.10 0.66 0.00	21.85 0.62 0.00	20.46 0.60 0.00	20.95 0.64 0.00	22.30 0.67 0.00	22.79 0.64 0.00	21.56 0.58 0.00	22.20 0.64 0.00	23.75 0.76 0.00	27.70 0.99 0.00	27.42 1.03 0.00	30.36 1.28 0.00	28.08 1.20 0.00	30.27 1.33 0.00	27.45 1.24 0.00	37.65 1.67 0.00	36.00 1.62 0.00	39.02 1.85 0.00	40.45 1.81 0.00	38.94 1.73 0.00	30.30 1.33 0.00	28.58 1.20 0.00	27.20 1.08 0.00	26.50 0.97 0.00
VISCHER___FERRY HYD 24020	22.16 0.73 0.00	22.04 0.81 0.00	20.57 0.70 0.00	21.03 0.72 0.00	22.36 0.73 0.00	22.85 0.71 0.00	21.64 0.65 0.00	22.24 0.69 0.00	23.65 0.66 0.00	27.33 0.63 0.00	26.83 0.43 0.00	29.64 0.56 0.00	27.35 0.60 0.13	29.58 0.73 0.09	26.30 0.55 0.46	36.56 0.88 0.31	35.41 1.04 0.00	38.33 1.16 0.00	39.92 1.27 0.00	38.50 1.29 0.00	29.86 0.89 0.00	28.26 0.89 0.00	26.91 0.79 0.00	26.29 0.76 0.00
V_A_10_SYNC_DSASP 323832	20.58 -0.85 0.00	20.34 -0.89 0.00	19.29 -0.57 0.00	19.58 -0.73 0.00	21.01 -0.62 0.00	21.43 -0.71 0.00	20.32 -0.67 0.00	20.75 -0.81 0.00	22.43 -0.56 0.00	26.41 -0.30 0.00	26.21 -0.18 0.00	28.92 -0.16 0.00	26.81 -0.07 0.00	29.31 0.36 0.00	26.77 0.56 0.00	36.38 0.40 0.00	34.32 -0.05 0.00	37.37 0.20 0.00	38.05 -0.60 0.00	36.24 -0.97 0.00	28.40 -0.57 0.00	26.58 -0.79 0.00	25.22 -0.90 0.00	24.40 -1.13 0.00
V_CMM_10_SYNC_DSASP 323787	21.35 -0.09 0.00	21.10 -0.14 0.00	19.77 -0.10 0.00	20.22 -0.09 0.00	21.53 -0.10 0.00	22.15 0.01 0.00	21.00 0.02 0.00	21.58 0.03 0.00	23.05 0.06 0.00	26.86 0.16 0.00	26.61 0.22 0.00	29.20 0.12 0.00	26.90 0.02 0.00	28.80 -0.13 0.00	26.05 -0.16 0.00	35.78 -0.20 0.00	34.07 -0.31 0.00	36.75 -0.42 0.00	38.44 -0.20 0.00	37.02 -0.20 0.00	28.90 -0.07 0.00	27.34 -0.03 0.00	26.13 0.01 0.00	25.57 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	21.09 -0.34 0.00	20.79 -0.45 0.00	19.34 -0.52 0.00	19.79 -0.52 0.00	21.18 -0.45 0.00	22.11 -0.04 0.00	20.90 -0.08 0.00	21.67 0.12 0.00	23.09 0.09 0.00	26.81 0.10 0.00	26.77 0.38 0.00	29.46 0.38 0.00	27.22 0.33 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.12 0.13 0.00	34.41 0.04 0.00	37.06 -0.11 0.00	39.03 0.39 0.00	37.58 0.37 0.00	29.26 0.29 0.00	27.84 0.47 0.00	26.53 0.41 0.00	25.91 0.38 0.00
V_D_10_SYNC_DSASP 323841	21.40 -0.03 0.00	21.16 -0.07 0.00	19.83 -0.03 0.00	20.30 -0.02 0.00	21.62 -0.01 0.00	22.26 0.12 0.00	21.10 0.12 0.00	21.69 0.13 0.00	23.17 0.17 0.00	27.01 0.30 0.00	26.76 0.37 0.00	29.37 0.29 0.00	27.07 0.19 0.00	28.99 0.05 0.00	26.21 0.00 0.00	36.00 0.01 0.00	34.28 -0.09 0.00	36.95 -0.22 0.00	38.67 0.03 0.00	37.24 0.03 0.00	29.08 0.11 0.00	27.52 0.14 0.00	26.29 0.17 0.00	25.71 0.18 0.00
V_E_10_SYNC_DSASP 323830	22.15 0.72 0.00	21.80 0.57 0.00	20.61 0.74 0.00	20.93 0.61 0.00	22.47 0.84 0.00	22.99 0.85 0.00	21.85 0.87 0.00	22.57 1.02 0.00	24.19 1.19 0.00	28.35 1.65 0.00	28.13 1.74 0.00	31.12 2.04 0.00	28.79 1.90 0.00	31.03 2.09 0.00	28.22 2.01 0.00	38.52 2.53 0.00	36.98 2.60 0.00	40.12 2.95 0.00	41.67 3.02 0.00	40.09 2.88 0.00	31.49 2.51 0.00	29.57 2.20 0.00	27.90 1.78 0.00	27.18 1.65 0.00
V_F_30_NSYNC___DSASP 323816	22.76 1.33 0.00	22.58 1.35 0.00	21.05 1.19 0.00	21.52 1.21 0.00	22.89 1.26 0.00	23.41 1.27 0.00	22.18 1.20 0.00	22.82 1.27 0.00	24.31 1.32 0.00	28.09 1.38 0.00	27.52 1.13 0.00	30.45 1.37 0.00	28.17 1.40 0.11	30.41 1.54 0.07	27.13 1.31 0.39	37.67 1.95 0.27	36.52 2.15 0.00	39.54 2.37 0.00	41.31 2.67 0.00	39.84 2.63 0.00	30.91 1.94 0.00	29.24 1.87 0.00	27.80 1.68 0.00	27.11 1.58 0.00



V_F_30_SYNC_DSASP 323786	21.76 0.33 0.00	21.63 0.40 0.00	20.22 0.36 0.00	20.69 0.37 0.00	21.97 0.34 0.00	22.44 0.30 0.00	21.28 0.30 0.00	21.88 0.32 0.00	23.27 0.27 0.00	26.91 0.19 0.00	26.48 0.09 0.00	29.29 0.21 0.00	27.04 0.25 0.09	29.23 0.35 0.06	26.14 0.25 0.31	36.16 0.39 0.21	34.93 0.55 0.00	37.80 0.63 0.00	39.30 0.66 0.00	37.87 0.66 0.00	29.40 0.42 0.00	27.80 0.43 0.00	26.49 0.37 0.00	25.86 0.33 0.00
V_XM_10_SYNC_DSASP 323789	21.09 -0.34 0.00	20.79 -0.45 0.00	19.34 -0.52 0.00	19.79 -0.52 0.00	21.18 -0.45 0.00	22.11 -0.04 0.00	20.90 -0.08 0.00	21.67 0.12 0.00	23.09 0.09 0.00	26.81 0.10 0.00	26.77 0.38 0.00	29.46 0.38 0.00	27.22 0.33 0.00	29.01 0.07 0.00	26.21 0.00 0.00	36.12 0.13 0.00	34.41 0.04 0.00	37.06 -0.11 0.00	39.03 0.39 0.00	37.58 0.37 0.00	29.26 0.29 0.00	27.84 0.47 0.00	26.53 0.41 0.00	25.91 0.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.29 0.86 0.00	22.11 0.88 0.00	20.62 0.76 0.00	21.02 0.71 0.00	22.32 0.69 0.00	22.78 0.64 0.00	21.61 0.62 0.00	22.30 0.74 0.00	23.86 0.87 0.00	27.77 1.06 0.00	27.44 1.05 0.00	30.43 1.35 0.00	28.28 1.30 -0.09	30.49 1.49 -0.06	27.93 1.39 -0.32	38.07 1.87 -0.22	36.20 1.82 0.00	39.11 1.94 0.00	40.55 1.91 0.00	39.06 1.85 0.00	30.32 1.35 0.00	28.71 1.34 0.00	27.42 1.30 0.00	26.80 1.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.34 0.91 0.00	22.16 0.93 0.00	20.67 0.81 0.00	21.07 0.76 0.00	22.35 0.72 0.00	22.83 0.68 0.00	21.67 0.69 0.00	22.37 0.81 0.00	23.92 0.92 0.00	27.83 1.12 0.00	27.50 1.11 0.00	30.51 1.43 0.00	28.38 1.39 -0.10	30.59 1.59 -0.07	28.01 1.45 -0.36	38.17 1.95 -0.24	36.28 1.90 0.00	39.16 1.99 0.00	40.59 1.95 0.00	39.14 1.93 0.00	30.40 1.42 0.00	28.78 1.41 0.00	27.49 1.37 0.00	26.86 1.33 0.00
W50THST__13_KV_LOAD 356117	22.48 1.05 0.00	22.26 1.03 0.00	20.77 0.91 0.00	21.19 0.88 0.00	22.47 0.84 0.00	22.93 0.79 0.00	21.78 0.80 0.00	22.48 0.92 0.00	24.04 1.05 0.00	27.99 1.28 0.00	27.67 1.28 0.00	30.69 1.61 0.00	28.55 1.57 0.00	30.78 1.77 -0.36	28.19 1.63 -0.24	38.40 2.18 0.00	36.49 2.12 0.00	39.39 2.21 0.00	40.80 2.16 0.00	39.36 2.15 0.00	30.57 1.60 0.00	28.94 1.57 0.00	27.64 1.52 0.00	27.00 1.47 0.00
WADING RIVER_IC_1 23522	22.55 1.01 -0.11	22.30 1.07 0.00	20.80 0.94 0.00	21.14 0.83 0.00	22.31 0.68 0.00	22.90 0.76 0.00	21.84 0.85 0.00	22.44 0.88 0.00	23.93 0.94 0.00	27.90 1.19 0.00	33.12 1.28 -5.45	32.05 1.59 -1.38	32.48 1.57 -4.03	33.22 1.85 -2.43	33.35 1.76 -5.39	38.53 2.26 -0.29	36.30 1.92 0.00	39.38 2.21 0.00	41.04 2.40 0.00	39.53 2.32 0.00	30.55 1.58 0.00	28.94 1.57 0.00	28.74 1.68 -0.94	28.53 1.58 -1.42
WADING RIVER_IC_2 23547	22.55 1.01 -0.11	22.30 1.07 0.00	20.80 0.94 0.00	21.14 0.83 0.00	22.31 0.68 0.00	22.90 0.76 0.00	21.84 0.85 0.00	22.44 0.88 0.00	23.93 0.94 0.00	27.90 1.19 0.00	33.12 1.28 -5.45	32.05 1.59 -1.38	32.48 1.57 -4.03	33.22 1.85 -2.43	33.35 1.76 -5.39	38.53 2.26 -0.29	36.30 1.92 0.00	39.38 2.21 0.00	41.04 2.40 0.00	39.53 2.32 0.00	30.55 1.58 0.00	28.94 1.57 0.00	28.74 1.68 -0.94	28.53 1.58 -1.42
WADING RIVER_IC_3 23601	22.55 1.01 -0.11	22.30 1.07 0.00	20.80 0.94 0.00	21.14 0.83 0.00	22.31 0.68 0.00	22.90 0.76 0.00	21.84 0.85 0.00	22.44 0.88 0.00	23.93 0.94 0.00	27.90 1.19 0.00	33.12 1.28 -5.45	32.05 1.59 -1.38	32.48 1.57 -4.03	33.22 1.85 -2.43	33.35 1.76 -5.39	38.53 2.26 -0.29	36.30 1.92 0.00	39.38 2.21 0.00	41.04 2.40 0.00	39.53 2.32 0.00	30.55 1.58 0.00	28.94 1.57 0.00	28.74 1.68 -0.94	28.53 1.58 -1.42
WALDENNY_12_KV_BK2 80841	20.70 -0.73 0.00	20.41 -0.83 0.00	19.38 -0.48 0.00	19.69 -0.62 0.00	21.13 -0.50 0.00	21.54 -0.60 0.00	20.42 -0.57 0.00	20.83 -0.72 0.00	22.65 -0.35 0.00	26.76 0.05 0.00	26.58 0.19 0.00	29.37 0.29 0.00	27.21 0.32 0.00	29.77 0.83 0.00	27.24 1.03 0.00	37.02 1.04 0.00	34.91 0.54 0.00	37.97 0.79 0.00	38.57 -0.08 0.00	36.74 -0.47 0.00	28.82 -0.15 0.00	26.97 -0.41 0.00	25.51 -0.61 0.00	24.63 -0.91 0.00
WALDEN__HYDRO 24148	22.20 0.77 0.00	22.01 0.78 0.00	20.53 0.67 0.00	20.95 0.64 0.00	22.25 0.62 0.00	22.72 0.57 0.00	21.54 0.56 0.00	22.22 0.66 0.00	23.77 0.77 0.00	27.63 0.92 0.00	27.30 0.91 0.00	30.25 1.17 0.00	28.12 1.15 -0.08	30.30 1.31 -0.05	27.67 1.19 -0.27	37.82 1.65 -0.18	36.03 1.65 0.00	38.96 1.79 0.00	40.41 1.76 0.00	38.94 1.73 0.00	30.23 1.26 0.00	28.60 1.23 0.00	27.31 1.19 0.00	26.67 1.14 0.00
WARRENSBURG____ 23737	23.16 1.72 0.00	22.94 1.71 0.00	21.34 1.48 0.00	21.80 1.48 0.00	23.18 1.55 0.00	23.74 1.59 0.00	22.51 1.53 0.00	23.17 1.62 0.00	24.72 1.73 0.00	28.54 1.83 0.00	27.81 1.41 0.00	30.78 1.70 0.00	28.41 1.63 0.10	30.69 1.81 0.07	27.49 1.64 0.36	38.07 2.33 0.24	36.93 2.55 0.00	40.02 2.85 0.00	42.15 3.51 0.00	40.68 3.47 0.00	31.56 2.58 0.00	29.84 2.47 0.00	28.37 2.24 0.00	27.64 2.11 0.00
WATERSIDE____6 8 9 23538	18.00 0.97 4.40	18.97 0.98 3.24	17.24 0.86 3.48	19.04 0.81 2.09	22.13 0.75 0.25	22.87 0.73 0.00	18.72 0.74 3.01	19.28 0.87 3.15	21.10 0.96 2.86	25.72 1.17 2.16	25.27 1.17 2.29	28.66 1.47 1.89	26.38 1.44 1.94	29.07 1.63 1.50	25.90 1.50 1.82	37.93 1.99 0.04	35.81 1.95 0.52	39.18 2.01 0.00	40.63 1.99 0.00	39.19 1.99 0.00	28.75 1.46 1.69	26.76 1.46 2.07	21.89 1.42 5.65	17.86 1.37 9.03
WATKINRD_115KV_LN8_ILLION 55919	21.47 0.04 0.00	21.31 0.08 0.00	19.93 0.07 0.00	20.39 0.08 0.00	21.69 0.05 0.00	22.14 0.00 0.00	20.99 0.01 0.00	21.59 0.04 0.00	22.98 -0.01 0.00	26.59 -0.11 0.00	26.17 -0.22 0.00	29.03 -0.05 0.00	26.91 0.03 0.00	28.94 0.00 0.00	26.18 -0.03 0.00	36.07 0.09 0.00	34.56 0.18 0.00	37.38 0.21 0.00	38.86 0.22 0.00	37.48 0.27 0.00	29.16 0.18 0.00	27.54 0.17 0.00	26.26 0.14 0.00	25.64 0.11 0.00
WATSON____69_KV_BK 1 55734	23.05 1.51 -0.11	22.73 1.50 0.00	21.21 1.35 0.00	21.58 1.27 0.00	22.79 1.16 0.00	23.33 1.19 0.00	22.25 1.27 0.00	22.95 1.39 0.00	24.47 1.48 0.00	28.55 1.84 0.00	33.77 1.93 -5.44	32.78 2.32 -1.38	33.14 2.23 -4.03	33.89 2.51 -2.43	33.96 2.37 -5.39	39.33 3.06 -0.29	37.08 2.70 0.00	40.20 3.03 0.00	41.82 3.17 0.00	40.28 3.07 0.00	31.15 2.18 0.00	29.51 2.14 0.00	29.30 2.24 -0.94	29.08 2.14 -1.42
WDELAWARE__HYD 323627	21.47 0.04 0.00	21.26 0.03 0.00	19.83 -0.03 0.00	20.24 -0.07 0.00	21.49 -0.13 0.00	21.96 -0.18 0.00	20.82 -0.16 0.00	21.51 -0.05 0.00	23.39 0.39 0.00	27.21 0.50 0.00	26.92 0.53 0.00	29.69 0.60 0.00	27.60 0.65 -0.06	29.74 0.76 -0.04	27.11 0.69 -0.20	37.26 1.14 -0.14	35.53 1.15 0.00	38.43 1.26 0.00	39.88 1.23 0.00	38.42 1.21 0.00	29.84 0.87 0.00	28.23 0.86 0.00	26.94 0.82 0.00	26.29 0.76 0.00



WEST BABYLON___IC 23714	23.02 1.49 -0.11	22.70 1.47 0.00	21.17 1.31 0.00	21.55 1.25 0.00	22.76 1.14 0.00	23.31 1.16 0.00	22.21 1.22 0.00	22.90 1.35 0.00	24.44 1.44 0.00	28.49 1.78 0.00	33.69 1.86 -5.44	32.66 2.20 -1.38	33.01 2.09 -4.03	33.73 2.36 -2.43	33.80 2.21 -5.39	39.09 2.82 -0.29	36.85 2.47 0.00	39.95 2.78 0.00	41.55 2.91 0.00	40.04 2.83 0.00	31.01 2.03 0.00	29.40 2.03 0.00	29.23 2.17 -0.94	29.05 2.10 -1.42
WEST CANADA___HYD 24049	21.45 0.02 0.00	21.26 0.02 0.00	19.88 0.02 0.00	20.34 0.03 0.00	21.66 0.03 0.00	22.15 0.01 0.00	20.98 0.00 0.00	21.56 0.00 0.00	22.99 0.00 0.00	26.67 -0.04 0.00	26.34 -0.05 0.00	29.08 0.00 0.00	26.91 0.03 0.00	28.99 0.05 0.00	26.26 0.05 0.00	36.06 0.08 0.00	34.48 0.10 0.00	37.28 0.11 0.00	38.75 0.11 0.00	37.33 0.12 0.00	29.04 0.07 0.00	27.45 0.08 0.00	26.17 0.05 0.00	25.58 0.04 0.00
WESTERN_NY_WIND 24143	21.33 -0.10 0.00	21.02 -0.22 0.00	19.90 0.04 0.00	20.18 -0.13 0.00	21.65 0.02 0.00	22.09 -0.05 0.00	20.94 -0.04 0.00	21.39 -0.17 0.00	23.17 0.18 0.00	27.32 0.62 0.00	27.12 0.72 0.00	29.76 0.68 0.00	27.66 0.78 0.00	30.27 1.33 0.00	27.64 1.43 0.00	37.56 1.58 0.00	35.59 1.21 0.00	38.87 1.70 0.00	39.64 1.00 0.00	37.71 0.50 0.00	29.58 0.60 0.00	27.63 0.26 0.00	26.12 0.00 0.00	25.19 -0.34 0.00
WESTOVER___LESR 323668	21.32 -0.11 0.00	21.10 -0.13 0.00	19.78 -0.08 0.00	20.21 -0.10 0.00	21.59 -0.04 0.00	22.02 -0.12 0.00	20.89 -0.10 0.00	21.47 -0.09 0.00	23.00 0.00 0.00	26.82 0.11 0.00	26.59 0.20 0.00	29.44 0.36 0.00	27.25 0.37 0.00	29.44 0.49 0.00	26.78 0.57 0.00	36.66 0.68 0.00	34.95 0.57 0.00	37.86 0.69 0.00	39.15 0.51 0.00	37.62 0.41 0.00	29.34 0.36 0.00	27.64 0.27 0.00	26.27 0.15 0.00	25.59 0.05 0.00
WETHRSFD_WT_PWR 323626	20.30 -1.13 0.00	20.03 -1.21 0.00	18.95 -0.92 0.00	19.34 -0.97 0.00	20.73 -0.90 0.00	21.24 -0.91 0.00	20.12 -0.86 0.00	20.52 -1.03 0.00	22.24 -0.75 0.00	26.41 -0.30 0.00	26.31 -0.08 0.00	29.08 0.01 0.00	26.90 0.02 0.00	29.26 0.32 0.00	26.77 0.56 0.00	36.47 0.48 0.00	34.48 0.10 0.00	37.30 0.13 0.00	38.20 -0.44 0.00	36.65 -0.56 0.00	28.79 -0.19 0.00	26.95 -0.43 0.00	25.46 -0.66 0.00	24.61 -0.93 0.00
WHAVSTOR_138KV_BK127 55557	22.18 0.75 0.00	22.01 0.77 0.00	20.53 0.67 0.00	20.93 0.62 0.00	22.22 0.59 0.00	22.68 0.54 0.00	21.51 0.52 0.00	22.20 0.64 0.00	23.74 0.75 0.00	27.63 0.92 0.00	27.29 0.90 0.00	30.25 1.17 0.00	28.12 1.15 -0.10	30.31 1.31 -0.06	27.75 1.22 -0.33	37.84 1.63 -0.22	35.97 1.59 0.00	38.86 1.69 0.00	40.31 1.66 0.00	38.84 1.63 0.00	30.14 1.17 0.00	28.55 1.18 0.00	27.27 1.15 0.00	26.67 1.13 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.18 0.75 0.00	22.01 0.77 0.00	20.53 0.67 0.00	20.93 0.62 0.00	22.22 0.59 0.00	22.68 0.54 0.00	21.51 0.52 0.00	22.20 0.64 0.00	23.74 0.75 0.00	27.63 0.92 0.00	27.29 0.90 0.00	30.25 1.17 0.00	28.12 1.15 -0.10	30.31 1.31 -0.06	27.75 1.22 -0.33	37.84 1.63 -0.22	35.97 1.59 0.00	38.86 1.69 0.00	40.31 1.66 0.00	38.84 1.63 0.00	30.14 1.17 0.00	28.55 1.18 0.00	27.27 1.15 0.00	26.67 1.13 0.00
WHITEHAL_115KV_TB1 80871	23.86 2.43 0.00	23.61 2.38 0.00	21.78 1.92 0.00	22.20 1.89 0.00	23.60 1.98 0.00	24.24 2.10 0.00	23.09 2.11 0.00	23.78 2.22 0.00	25.35 2.36 0.00	29.07 2.37 0.00	28.13 1.74 0.00	31.16 2.08 0.00	28.92 2.15 0.11	31.40 2.53 0.07	27.99 2.15 0.37	38.98 3.24 0.25	37.86 3.48 0.00	40.97 3.80 0.00	43.60 4.95 0.00	42.24 5.03 0.00	32.36 3.39 0.00	30.70 3.33 0.00	29.19 3.07 0.00	28.49 2.96 0.00
WHITEPLN_13_KV_LOAD 356215	22.49 1.06 0.00	22.31 1.07 0.00	20.79 0.93 0.00	21.20 0.89 0.00	22.49 0.87 0.00	22.98 0.83 0.00	21.82 0.83 0.00	22.51 0.95 0.00	24.09 1.09 0.00	28.03 1.33 0.00	27.70 1.31 0.00	30.73 1.65 0.00	28.58 1.59 -0.10	30.81 1.80 -0.07	28.23 1.67 -0.35	38.45 2.23 -0.24	36.57 2.20 0.00	39.51 2.34 0.00	40.97 2.33 0.00	39.49 2.28 0.00	30.66 1.68 0.00	29.01 1.64 0.00	27.70 1.57 0.00	27.04 1.51 0.00
WM_FLOYD_69_KV_BK2 356380	22.74 1.20 -0.11	22.45 1.22 0.00	20.95 1.08 0.00	21.30 0.99 0.00	22.48 0.86 0.00	23.06 0.91 0.00	21.98 1.00 0.00	22.63 1.08 0.00	24.13 1.13 0.00	28.12 1.41 0.00	33.31 1.48 -5.44	32.27 1.81 -1.38	32.67 1.76 -4.03	33.41 2.04 -2.43	33.53 1.94 -5.39	38.77 2.50 -0.29	36.54 2.16 0.00	39.66 2.49 0.00	41.31 2.67 0.00	39.80 2.59 0.00	30.77 1.80 0.00	29.16 1.79 0.00	28.96 1.90 -0.94	28.73 1.78 -1.42
WOODARD___115KV_TB2 355635	21.26 -0.17 0.00	21.04 -0.19 0.00	19.71 -0.16 0.00	20.13 -0.18 0.00	21.47 -0.15 0.00	21.96 -0.18 0.00	20.83 -0.16 0.00	21.36 -0.19 0.00	22.78 -0.21 0.00	26.46 -0.24 0.00	26.19 -0.20 0.00	28.93 -0.15 0.00	26.78 -0.10 0.00	28.94 0.00 0.00	26.26 0.05 0.00	36.00 0.02 0.00	34.37 -0.01 0.00	37.23 0.06 0.00	38.55 -0.09 0.00	37.09 -0.12 0.00	28.91 -0.07 0.00	27.24 -0.13 0.00	25.91 -0.21 0.00	25.27 -0.26 0.00
YORK___WARBASSE 23770	44.12 1.08 -21.61	38.26 1.09 -15.94	37.97 0.97 -17.13	31.50 0.92 -10.27	23.70 0.86 -1.21	23.00 0.84 -0.02	36.61 0.85 -14.78	38.01 0.97 -15.48	38.10 1.07 -14.03	38.61 1.30 -10.59	38.94 1.30 -11.25	40.90 1.63 -10.18	38.59 1.58 -10.13	38.49 1.79 -7.75	38.89 1.65 -11.03	39.79 2.19 -1.61	39.06 2.14 -2.55	39.38 2.21 0.00	40.84 2.20 0.00	39.42 2.20 -0.01	38.92 1.64 -8.31	39.16 1.61 -10.18	55.44 1.57 -27.74	71.42 1.52 -44.37