

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/29/2025

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	38.22	36.15	23.98	23.54	19.92	24.06	34.80	39.42	27.69	27.57	29.19	32.70	40.37	40.89	42.23	39.95	46.27	51.83	50.80	40.75	39.98	40.33	39.69	40.56
24138	2.03	1.80	1.20	1.11	0.86	1.08	1.75	2.40	1.98	2.18	2.47	2.76	3.22	3.35	3.58	3.28	3.13	3.27	3.12	2.40	2.02	2.18	2.19	2.09
	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.24	36.16	23.98	23.54	19.92	24.05	34.77	39.38	27.63	27.50	29.12	32.62	40.30	40.83	42.15	39.89	46.21	51.80	50.78	40.79	40.01	40.34	39.70	40.55
24260	2.05	1.81	1.21	1.11	0.86	1.08	1.72	2.36	1.92	2.10	2.40	2.68	3.14	3.30	3.51	3.22	3.07	3.24	3.10	2.43	2.05	2.19	2.20	2.09
	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.24	36.16	23.98	23.54	19.92	24.05	34.77	39.38	27.63	27.50	29.12	32.62	40.30	40.83	42.15	39.89	46.21	51.80	50.78	40.79	40.01	40.34	39.70	40.55
24261	2.05	1.81	1.21	1.11	0.86	1.08	1.72	2.36	1.92	2.10	2.40	2.68	3.14	3.30	3.51	3.22	3.07	3.24	3.10	2.43	2.05	2.19	2.20	2.09
	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.63	35.58	23.60	23.27	19.63	23.87	34.54	38.88	26.71	26.37	27.56	30.46	35.25	38.82	39.97	37.95	44.76	50.73	50.25	40.30	39.71	39.64	38.74	39.77
24011	1.45	1.23	0.83	0.83	0.69	0.90	1.48	1.86	1.00	0.97	0.84	0.87	1.05	1.28	1.33	1.28	1.62	2.17	2.58	1.94	1.74	1.49	1.24	1.31
	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.91	35.74	23.67	23.32	19.69	23.97	34.77	39.14	26.83	26.51	27.65	30.54	35.33	38.94	40.10	38.02	44.85	50.92	50.58	40.56	39.99	39.82	38.88	39.96
23798	1.72	1.39	0.89	0.89	0.75	0.99	1.71	2.13	1.12	1.11	0.92	0.95	1.11	1.40	1.45	1.34	1.71	2.36	2.90	2.20	2.02	1.67	1.37	1.49
	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	37.63	35.58	23.60	23.27	19.63	23.87	34.54	38.88	26.71	26.37	27.56	30.46	35.25	38.82	39.97	37.95	44.76	50.73	50.25	40.30	39.71	39.64	38.74	39.77
24028	1.45	1.23	0.83	0.83	0.69	0.90	1.48	1.86	1.00	0.97	0.84	0.87	1.05	1.28	1.33	1.28	1.62	2.17	2.58	1.94	1.74	1.49	1.24	1.31
	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	37.28	35.39	23.50	23.14	19.36	23.63	34.14	38.52	26.58	26.32	27.55	30.28	33.56	38.76	39.90	37.84	44.39	49.95	49.39	39.55	39.01	39.05	38.24	39.30
23527	1.10	1.04	0.73	0.71	0.50	0.66	1.08	1.51	0.86	0.92	0.83	0.89	1.06	1.22	1.25	1.18	1.25	1.39	1.71	1.20	1.04	0.90	0.74	0.84
	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.35	2.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	35.81	34.02	22.73	22.41	18.86	22.82	32.83	37.00	25.68	25.40	26.72	29.63	34.43	37.45	38.56	36.61	42.83	48.27	47.42	38.06	37.54	37.68	37.00	37.91
24190	-0.37	-0.33	-0.04	-0.02	-0.10	-0.15	-0.23	-0.02	-0.04	0.01	0.00	0.00	0.00	-0.09	-0.08	-0.06	-0.31	-0.29	-0.26	-0.30	-0.43	-0.47	-0.50	-0.55
	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	36.70	34.81	22.94	22.55	19.20	23.27	33.49	37.25	25.87	25.60	26.88	29.89	35.60	37.60	38.53	36.59	43.19	48.46	47.51	38.29	38.10	38.35	37.82	38.89
355683	0.51	0.46	0.16	0.12	0.21	0.29	0.43	0.23	0.16	0.20	0.16	0.15	0.12	0.06	-0.11	-0.08	0.05	-0.10	-0.16	-0.06	0.13	0.19	0.32	0.43
	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	35.96	34.17	22.78	22.45	18.92	22.90	32.97	37.09	25.59	25.07	26.31	29.37	34.66	23.35	38.11	36.24	42.75	48.50	47.77	38.38	37.86	37.98	37.28	38.20
323833	-0.23	-0.18	0.01	0.02	-0.05	-0.08	-0.09	0.07	-0.12	-0.33	-0.41	-0.32	-0.42	-0.42	-0.53	-0.43	-0.39	-0.07	0.09	0.03	-0.10	-0.17	-0.23	-0.27
	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.40	13.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	35.94	34.16	22.77	22.44	18.91	22.89	32.96	37.07	25.58	25.06	26.29	29.36	34.64	23.36	38.11	36.22	42.73	48.47	47.75	38.35	37.84	37.97	37.26	38.18
323834	-0.25	-0.19	0.00	0.01	-0.06	-0.09	-0.10	0.05	-0.13	-0.34	-0.42	-0.34	-0.43	-0.44	-0.54	-0.45	-0.41	-0.09	0.07	0.00	-0.12	-0.18	-0.25	-0.29
	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.40	13.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	35.81	34.02	22.73	22.41	18.86	22.82	32.83	37.00	25.68	25.40	26.72	29.63	34.43	37.45	38.56	36.61	42.83	48.27	47.42	38.06	37.54	37.68	37.00	37.91
23571	-0.37	-0.33	-0.04	-0.02	-0.10	-0.15	-0.23	-0.02	-0.04	0.01	0.00	0.00	0.00	-0.09	-0.08	-0.06	-0.31	-0.29	-0.26	-0.30	-0.43	-0.47	-0.50	-0.55
	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	35.81 -0.37 0.00	34.02 -0.33 0.00	22.73 -0.04 0.00	22.41 -0.02 0.00	18.86 -0.10 0.04	22.82 -0.15 0.00	32.83 -0.23 0.00	37.00 -0.02 0.00	25.68 -0.04 0.00	25.40 0.01 0.00	26.72 0.00 0.00	29.63 0.00 0.11	34.43 -0.09 0.97	37.45 -0.08 0.00	38.56 -0.08 0.00	36.61 -0.06 0.00	42.83 -0.31 0.00	48.27 -0.29 0.00	47.42 -0.26 0.00	38.06 -0.30 0.00	37.54 -0.43 0.00	37.68 -0.47 0.00	37.00 -0.50 0.00	37.91 -0.55 0.00
ALBANY___3 23573	35.81 -0.37 0.00	34.02 -0.33 0.00	22.73 -0.04 0.00	22.41 -0.02 0.00	18.86 -0.10 0.04	22.82 -0.15 0.00	32.83 -0.23 0.00	37.00 -0.02 0.00	25.68 -0.04 0.00	25.40 0.01 0.00	26.72 0.00 0.00	29.63 0.00 0.11	34.43 -0.09 0.97	37.45 -0.08 0.00	38.56 -0.08 0.00	36.61 -0.06 0.00	42.83 -0.31 0.00	48.27 -0.29 0.00	47.42 -0.26 0.00	38.06 -0.30 0.00	37.54 -0.43 0.00	37.68 -0.47 0.00	37.00 -0.50 0.00	37.91 -0.55 0.00
ALBANY___4 23574	35.81 -0.37 0.00	34.02 -0.33 0.00	22.73 -0.04 0.00	22.41 -0.02 0.00	18.86 -0.10 0.04	22.82 -0.15 0.00	32.83 -0.23 0.00	37.00 -0.02 0.00	25.68 -0.04 0.00	25.40 0.01 0.00	26.72 0.00 0.00	29.63 0.00 0.11	34.43 -0.09 0.97	37.45 -0.08 0.00	38.56 -0.08 0.00	36.61 -0.06 0.00	42.83 -0.31 0.00	48.27 -0.29 0.00	47.42 -0.26 0.00	38.06 -0.30 0.00	37.54 -0.43 0.00	37.68 -0.47 0.00	37.00 -0.50 0.00	37.91 -0.55 0.00
ALBANY___LFGE 323615	36.23 0.04 0.00	34.41 0.06 0.00	22.97 0.19 0.00	22.63 0.20 0.00	19.05 0.10 0.05	23.07 0.10 0.00	33.21 0.15 0.00	37.43 0.41 0.00	25.97 0.26 0.00	25.68 0.28 0.00	27.01 0.29 0.00	29.95 0.34 0.13	34.77 0.36 1.07	37.94 0.40 0.00	39.08 0.43 0.00	37.11 0.44 0.00	43.44 0.31 0.00	48.98 0.42 0.00	48.13 0.45 0.00	38.62 0.26 0.00	38.05 0.09 0.00	38.18 0.03 0.00	37.48 -0.03 0.00	38.38 -0.08 0.00
ALCOA_PA_115KV_PL-6C 55860	36.80 0.61 0.00	34.90 0.55 0.00	22.98 0.21 0.00	22.59 0.16 0.00	19.25 0.26 0.00	23.33 0.35 0.00	33.59 0.53 0.00	37.32 0.30 0.00	25.92 0.21 0.00	25.62 0.22 0.00	26.89 0.17 0.00	29.90 0.16 0.00	35.60 0.12 0.00	37.60 0.06 0.00	38.52 -0.12 0.00	36.58 -0.09 0.00	43.16 0.02 0.00	48.43 -0.13 0.00	47.52 -0.16 0.00	38.33 -0.03 0.00	38.33 0.25 -0.12	39.67 0.36 -1.16	38.38 0.49 -0.39	39.08 0.62 0.00
ALCOA_RYNLDS___DRP 24188	36.80 0.61 0.00	34.90 0.55 0.00	22.98 0.21 0.00	22.59 0.16 0.00	19.25 0.26 0.00	23.33 0.35 0.00	33.59 0.53 0.00	37.32 0.30 0.00	25.92 0.21 0.00	25.62 0.22 0.00	26.89 0.17 0.00	29.90 0.16 0.00	35.60 0.12 0.00	37.60 0.06 0.00	38.52 -0.12 0.00	36.58 -0.09 0.00	43.16 0.02 0.00	48.43 -0.13 0.00	47.52 -0.16 0.00	38.33 -0.03 0.00	38.33 0.25 -0.12	39.67 0.36 -1.16	38.38 0.49 -0.39	39.08 0.62 0.00
ALCOA___DSASP 323711	36.80 0.61 0.00	34.90 0.55 0.00	22.98 0.21 0.00	22.59 0.16 0.00	19.25 0.25 0.00	23.33 0.35 0.00	33.59 0.53 0.00	37.32 0.30 0.00	25.92 0.21 0.00	25.62 0.22 0.00	26.89 0.17 0.00	29.90 0.16 0.00	35.60 0.12 0.00	37.60 0.06 0.00	38.52 -0.12 0.00	36.58 -0.09 0.00	43.16 0.02 0.00	48.43 -0.13 0.00	47.52 -0.16 0.00	38.33 -0.03 0.00	38.34 0.25 -0.12	39.67 0.36 -1.16	38.38 0.49 -0.39	39.08 0.62 0.00
ALLEGHENY___COGEN 23514	38.46 1.44 -0.83	36.39 1.38 -0.66	23.62 0.84 0.00	23.39 0.96 0.00	19.81 0.82 0.00	24.04 1.06 -0.01	34.99 1.31 -0.63	39.82 1.74 -1.06	27.00 1.06 -0.23	25.91 0.51 0.00	27.65 0.78 -0.15	31.25 1.00 -0.52	37.97 1.47 -1.02	40.32 1.57 -1.21	41.90 1.86 -1.40	39.70 1.84 -1.19	47.97 2.50 -2.33	55.33 3.34 -3.42	54.52 3.90 -2.94	43.65 3.29 -2.01	43.04 3.10 -1.98	42.93 2.90 -1.88	41.98 2.95 -1.53	42.72 2.87 -1.39
ALTAMONT_115KV_TB 2 55880	36.39 0.20 0.00	34.57 0.21 0.00	23.01 0.24 0.00	22.67 0.24 0.00	19.11 0.14 0.03	23.12 0.14 0.00	33.28 0.22 0.00	37.46 0.44 0.00	26.00 0.29 0.00	25.69 0.30 0.00	27.02 0.30 0.00	30.00 0.33 0.07	35.24 0.37 0.61	37.95 0.41 0.00	39.10 0.45 0.00	37.09 0.41 0.00	43.47 0.33 0.00	48.97 0.41 0.00	48.12 0.44 0.00	38.64 0.28 0.00	38.12 0.15 0.00	38.31 0.15 0.00	37.63 0.13 0.00	38.56 0.09 0.00
ALTONA_WT_PWR 323606	37.78 1.60 0.00	35.27 0.92 0.00	23.05 0.28 0.00	22.44 0.01 0.00	19.54 0.54 0.00	23.66 0.68 0.00	34.09 1.03 0.00	37.62 0.60 0.00	26.29 0.58 0.00	26.44 1.04 0.00	27.84 1.12 0.00	30.73 0.99 0.00	35.87 0.40 0.00	37.28 -0.26 0.00	37.95 -0.69 0.00	35.77 -0.90 0.00	42.28 -0.86 0.00	47.81 -0.75 0.00	46.95 -0.72 0.00	37.13 -1.22 0.00	31.50 -1.76 4.70	-8.60 -1.82 44.94	-4.30 -1.15 40.65	37.53 -0.93 0.00
AMERICAN_REF_FUEL 24010	36.49 -0.45 -0.75	34.68 -0.27 -0.59	22.55 -0.23 0.00	22.37 -0.06 0.00	18.97 -0.02 0.00	22.94 -0.04 -0.01	32.57 -1.06 -0.57	36.74 -1.26 -0.98	25.33 -0.60 -0.21	24.92 -0.48 0.00	26.79 -0.07 -0.14	30.19 -0.03 -0.48	36.44 0.02 -0.95	38.66 0.00 -1.12	39.89 -0.05 -1.29	37.86 0.08 -1.10	45.53 0.24 -2.15	51.62 -0.10 -3.17	50.25 -0.15 -2.72	39.94 -0.28 -1.86	39.53 -0.27 -1.83	39.72 -0.17 -1.74	39.55 0.62 -1.42	40.66 0.91 -1.28
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.28 0.33 -0.76	35.24 0.28 -0.61	22.85 0.07 0.00	22.61 0.17 0.00	19.14 0.15 0.00	23.11 0.12 -0.01	33.36 -0.28 -0.58	38.23 0.21 -1.00	26.22 0.29 -0.22	25.64 0.24 0.00	27.60 0.74 -0.14	31.35 1.12 -0.49	37.93 1.49 -0.96	40.20 1.53 -1.14	41.84 1.88 -1.32	39.40 1.60 -1.12	47.36 2.03 -2.19	53.88 2.10 -3.22	52.39 1.95 -2.77	41.69 1.45 -1.89	41.25 1.42 -1.86	41.30 1.38 -1.77	40.69 1.74 -1.44	41.52 1.76 -1.30
ARTHUR KILL_GT_1 23520	37.86 1.67 0.00	35.82 1.47 0.00	23.86 1.09 0.00	23.38 0.94 0.00	19.74 0.68 -0.07	23.83 0.86 0.00	34.48 1.43 0.00	38.93 1.91 0.00	27.47 1.76 0.00	27.29 1.89 0.00	28.88 2.15 0.00	32.32 2.38 -0.20	40.09 2.92 -1.68	40.46 2.92 0.00	41.75 3.10 0.00	39.62 2.94 0.00	45.66 2.52 0.00	51.26 2.70 -0.01	50.28 2.61 0.00	40.50 2.08 -0.06	39.86 1.76 -0.13	40.13 1.98 0.00	39.54 2.04 0.00	40.45 1.99 0.00
ARTHUR_KILL_2 23512	37.75 1.57 0.00	35.72 1.37 0.00	23.79 1.02 0.00	23.31 0.88 0.00	19.68 0.62 -0.07	23.76 0.78 0.00	34.38 1.32 0.00	38.82 1.80 0.00	27.38 1.67 0.00	27.22 1.82 0.00	28.80 2.08 0.00	32.24 2.30 -0.20	39.97 2.81 -1.68	40.35 2.81 0.00	41.65 3.01 0.00	39.48 2.81 0.00	45.52 2.38 0.00	51.10 2.53 -0.01	50.11 2.43 0.00	40.35 1.93 -0.06	39.70 1.61 -0.13	40.02 1.87 0.00	39.40 1.90 0.00	40.33 1.86 0.00
ARTHUR_KILL_3 23513	37.74 1.55 0.00	35.70 1.35 0.00	23.67 0.90 0.00	23.24 0.81 0.00	19.67 0.61 -0.07	23.75 0.77 0.00	34.33 1.27 0.00	38.87 1.85 0.00	27.27 1.56 0.00	27.14 1.74 0.00	28.73 2.01 0.00	32.19 2.25 -0.20	39.74 2.58 -1.68	40.23 2.69 0.00	41.56 2.91 0.00	39.31 2.64 0.00	45.51 2.37 0.00	51.01 2.45 0.00	50.03 2.35 0.00	40.20 1.84 0.00	39.45 1.48 0.00	39.81 1.67 0.00	39.16 1.66 0.00	40.02 1.56 0.00

ARTHUR_KILL_COGEN 323718	37.87 1.68 0.00	35.82 1.47 0.00	23.86 1.09 0.00	23.38 0.94 0.00	19.74 0.68 -0.07	23.83 0.86 0.00	34.48 1.43 0.00	38.94 1.92 0.00	27.47 1.76 0.00	27.29 1.89 0.00	28.87 2.15 0.00	32.32 2.39 -0.20	40.08 2.92 -1.68	40.46 2.93 0.00	41.77 3.13 0.00	39.61 2.94 0.00	45.67 2.53 0.00	51.26 2.69 -0.01	50.28 2.60 0.00	40.50 2.08 -0.06	39.85 1.76 -0.13	40.16 2.01 0.00	39.53 2.03 0.00	40.45 1.98 0.00
ASHOKAN____ 23654	36.95 0.76 0.00	35.01 0.66 0.00	23.30 0.52 0.00	22.91 0.48 0.00	19.34 0.34 0.00	23.39 0.42 0.00	33.80 0.74 0.00	38.28 1.26 0.00	26.76 1.05 0.00	26.28 0.88 0.00	27.65 0.93 0.01	31.01 1.24 -0.04	37.31 1.52 -0.30	25.54 1.10 13.10	39.79 1.15 0.00	37.94 1.27 0.00	44.52 1.38 0.00	50.57 2.01 0.00	49.85 2.17 0.00	40.13 1.77 0.00	39.46 1.50 0.00	39.56 1.41 0.00	38.72 1.22 0.00	39.50 1.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.99 1.81 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.49 1.78 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.09 2.93 -1.68	40.64 3.10 0.00	41.95 3.30 0.00	39.70 3.03 0.00	45.92 2.78 0.00	51.43 2.87 0.00	50.43 2.75 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.16 2.01 0.00	39.56 2.06 0.00	40.41 1.95 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.99 1.81 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.49 1.78 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.09 2.93 -1.68	40.64 3.10 0.00	41.95 3.30 0.00	39.70 3.03 0.00	45.92 2.78 0.00	51.43 2.87 0.00	50.43 2.75 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.16 2.01 0.00	39.56 2.06 0.00	40.41 1.95 0.00
ASTORIA_GT2_1 24094	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT2_2 24095	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT2_3 24096	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT2_4 24097	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT3_1 24098	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT3_2 24099	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT3_3 24100	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT3_4 24101	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT4_1 24102	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT4_2 24103	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT4_3 24104	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00

ASTORIA_GT4_4 24105	37.99 1.80 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.10 2.94 -1.68	40.64 3.10 0.00	41.93 3.28 0.00	39.69 3.02 0.00	45.91 2.77 0.00	51.43 2.87 0.00	50.42 2.74 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.14 1.99 0.00	39.57 2.06 0.00	40.42 1.95 0.00
ASTORIA_GT_1 23523	38.06 1.87 0.00	36.00 1.65 0.00	23.92 1.15 0.00	23.45 1.02 0.00	19.84 0.78 -0.07	23.92 0.95 0.00	34.65 1.60 0.00	39.24 2.22 0.00	27.54 1.83 0.00	27.39 1.99 0.00	28.99 2.27 0.00	32.49 2.55 -0.20	40.19 3.03 -1.68	40.74 3.20 0.00	42.03 3.39 0.00	39.78 3.11 0.00	46.00 2.86 0.00	51.54 2.98 0.00	50.52 2.84 0.00	40.63 2.27 0.00	39.86 1.90 0.00	40.22 2.07 0.00	39.64 2.14 0.00	40.49 2.03 0.00
ASTORIA_GT_10 24110	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.70 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.44 -0.20	40.03 2.87 -1.68	40.51 2.97 0.00	41.77 3.12 0.00	39.54 2.87 0.00	45.73 2.59 0.00	51.24 2.67 0.00	50.25 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.98 1.83 0.00	39.40 1.89 0.00	40.26 1.79 0.00
ASTORIA_GT_11 24225	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.70 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.44 -0.20	40.03 2.87 -1.68	40.51 2.97 0.00	41.77 3.12 0.00	39.54 2.87 0.00	45.73 2.59 0.00	51.24 2.67 0.00	50.25 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.98 1.83 0.00	39.40 1.89 0.00	40.26 1.79 0.00
ASTORIA_GT_12 24226	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.70 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.44 -0.20	40.03 2.87 -1.68	40.51 2.97 0.00	41.77 3.12 0.00	39.54 2.87 0.00	45.73 2.59 0.00	51.24 2.67 0.00	50.25 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.98 1.83 0.00	39.40 1.89 0.00	40.26 1.79 0.00
ASTORIA_GT_13 24227	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.70 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.44 -0.20	40.03 2.87 -1.68	40.51 2.97 0.00	41.77 3.12 0.00	39.54 2.87 0.00	45.73 2.59 0.00	51.24 2.67 0.00	50.25 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.98 1.83 0.00	39.40 1.89 0.00	40.26 1.79 0.00
ASTORIA_GT_5 24106	38.06 1.87 0.00	36.00 1.65 0.00	23.92 1.15 0.00	23.45 1.02 0.00	19.84 0.78 -0.07	23.92 0.95 0.00	34.65 1.60 0.00	39.24 2.22 0.00	27.54 1.83 0.00	27.39 1.99 0.00	28.99 2.27 0.00	32.49 2.55 -0.20	40.19 3.03 -1.68	40.74 3.20 0.00	42.03 3.39 0.00	39.78 3.11 0.00	46.00 2.86 0.00	51.54 2.98 0.00	50.52 2.84 0.00	40.63 2.27 0.00	39.86 1.90 0.00	40.22 2.07 0.00	39.64 2.14 0.00	40.49 2.03 0.00
ASTORIA_GT_7 24107	38.06 1.87 0.00	36.00 1.65 0.00	23.92 1.15 0.00	23.45 1.02 0.00	19.84 0.78 -0.07	23.92 0.95 0.00	34.65 1.60 0.00	39.24 2.22 0.00	27.54 1.83 0.00	27.39 1.99 0.00	28.99 2.27 0.00	32.49 2.55 -0.20	40.19 3.03 -1.68	40.74 3.20 0.00	42.03 3.39 0.00	39.78 3.11 0.00	46.00 2.86 0.00	51.54 2.98 0.00	50.52 2.84 0.00	40.63 2.27 0.00	39.86 1.90 0.00	40.22 2.07 0.00	39.64 2.14 0.00	40.49 2.03 0.00
ASTORIA_GT_8 24108	38.06 1.87 0.00	36.00 1.65 0.00	23.92 1.15 0.00	23.45 1.02 0.00	19.84 0.78 -0.07	23.92 0.95 0.00	34.65 1.60 0.00	39.24 2.22 0.00	27.54 1.83 0.00	27.39 1.99 0.00	28.99 2.27 0.00	32.49 2.55 -0.20	40.19 3.03 -1.68	40.74 3.20 0.00	42.03 3.39 0.00	39.78 3.11 0.00	46.00 2.86 0.00	51.54 2.98 0.00	50.52 2.84 0.00	40.63 2.27 0.00	39.86 1.90 0.00	40.22 2.07 0.00	39.64 2.14 0.00	40.49 2.03 0.00
ASTORIA___2 24149	37.99 1.81 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.17 2.15 0.00	27.49 1.78 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.47 -0.20	40.09 2.93 -1.68	40.64 3.10 0.00	41.95 3.30 0.00	39.70 3.03 0.00	45.92 2.78 0.00	51.43 2.87 0.00	50.43 2.75 0.00	40.54 2.19 0.00	39.78 1.82 0.00	40.16 2.01 0.00	39.56 2.06 0.00	40.41 1.95 0.00
ASTORIA___3 23516	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.71 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.43 -0.20	40.04 2.88 -1.68	40.51 2.97 0.00	41.79 3.14 0.00	39.55 2.88 0.00	45.74 2.60 0.00	51.24 2.67 0.00	50.24 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.99 1.84 0.00	39.39 1.89 0.00	40.25 1.79 0.00
ASTORIA___4 23517	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.70 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.44 -0.20	40.03 2.87 -1.68	40.51 2.97 0.00	41.77 3.12 0.00	39.54 2.87 0.00	45.73 2.59 0.00	51.24 2.67 0.00	50.25 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.98 1.83 0.00	39.40 1.89 0.00	40.26 1.79 0.00
ASTORIA___5 23518	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.50 1.44 0.00	39.04 2.02 0.00	27.42 1.70 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.43 -0.20	40.04 2.88 -1.68	40.51 2.97 0.00	41.79 3.14 0.00	39.55 2.88 0.00	45.74 2.60 0.00	51.24 2.67 0.00	50.24 2.57 0.00	40.38 2.02 0.00	39.62 1.66 0.00	39.99 1.84 0.00	39.39 1.89 0.00	40.25 1.79 0.00
AST_ENERGY_2_CC3 323677	23.78 1.42 13.83	23.78 1.22 11.79	22.93 0.89 0.73	23.25 0.82 0.00	19.67 0.61 -0.07	23.20 0.71 0.48	23.78 1.19 10.46	23.78 1.76 15.00	23.78 1.51 3.44	23.95 1.67 3.12	25.81 1.92 2.83	25.81 2.15 6.07	25.81 2.56 12.22	25.81 2.70 14.43	25.81 2.88 15.71	25.81 2.63 13.49	25.94 2.31 19.51	37.21 2.34 13.69	40.10 2.22 9.80	30.20 1.78 9.93	28.79 1.40 10.58	27.51 1.59 12.23	25.81 1.65 13.34	25.64 1.53 14.36
AST_ENERGY_2_CC4 323678	23.78 1.42 13.83	23.78 1.22 11.79	22.93 0.89 0.73	23.25 0.82 0.00	19.67 0.61 -0.07	23.20 0.71 0.48	23.78 1.19 10.46	23.78 1.76 15.00	23.78 1.51 3.44	23.95 1.67 3.12	25.81 1.92 2.83	25.81 2.15 6.07	25.81 2.56 12.22	25.81 2.70 14.43	25.81 2.88 15.71	25.81 2.63 13.49	25.94 2.31 19.51	37.21 2.34 13.69	40.10 2.22 9.80	30.20 1.78 9.93	28.79 1.40 10.58	27.51 1.59 12.23	25.81 1.65 13.34	25.64 1.53 14.36

ATHENS_STG_1 23668	36.70 0.52 0.00	34.84 0.49 0.00	23.20 0.42 0.00	22.83 0.39 0.00	19.29 0.27 -0.03	23.27 0.29 0.00	33.51 0.45 0.00	37.81 0.79 0.00	26.40 0.69 0.00	26.16 0.76 0.00	27.59 0.87 0.00	30.81 0.95 -0.11	37.55 1.11 -0.96	38.73 1.19 0.00	39.97 1.32 0.00	37.85 1.18 0.00	44.15 1.01 0.00	49.64 1.08 0.00	48.67 0.99 0.00	39.10 0.74 0.00	38.49 0.52 0.00	38.75 0.60 0.00	38.09 0.59 0.00	38.99 0.53 0.00
ATHENS_STG_2 23670	36.70 0.52 0.00	34.84 0.49 0.00	23.20 0.42 0.00	22.83 0.39 0.00	19.29 0.27 -0.03	23.27 0.29 0.00	33.51 0.45 0.00	37.81 0.79 0.00	26.40 0.69 0.00	26.16 0.76 0.00	27.59 0.87 0.00	30.81 0.95 -0.11	37.55 1.11 -0.96	38.73 1.19 0.00	39.97 1.32 0.00	37.85 1.18 0.00	44.15 1.01 0.00	49.64 1.08 0.00	48.67 0.99 0.00	39.10 0.74 0.00	38.49 0.52 0.00	38.75 0.60 0.00	38.09 0.59 0.00	38.99 0.53 0.00
ATHENS_STG_3 23677	36.70 0.52 0.00	34.84 0.49 0.00	23.20 0.42 0.00	22.83 0.39 0.00	19.29 0.27 -0.03	23.27 0.29 0.00	33.51 0.45 0.00	37.81 0.79 0.00	26.40 0.69 0.00	26.16 0.76 0.00	27.59 0.87 0.00	30.81 0.95 -0.11	37.55 1.11 -0.96	38.73 1.19 0.00	39.97 1.32 0.00	37.85 1.18 0.00	44.15 1.01 0.00	49.64 1.08 0.00	48.67 0.99 0.00	39.10 0.74 0.00	38.49 0.52 0.00	38.75 0.60 0.00	38.09 0.59 0.00	38.99 0.53 0.00
AUBURN___LFGE 323710	38.03 0.21 -1.63	35.86 0.22 -1.29	22.93 0.15 0.00	22.66 0.23 0.00	19.17 0.18 0.00	23.15 0.16 -0.01	34.54 0.26 -1.22	39.42 0.42 -1.98	26.41 0.27 -0.43	25.50 0.10 -0.01	27.12 0.12 -0.28	30.92 0.22 -0.97	37.70 0.32 -1.91	40.14 0.36 -2.25	41.83 0.59 -2.60	39.47 0.59 -2.22	48.15 0.68 -4.33	55.88 0.96 -6.36	54.32 1.18 -5.47	42.84 0.75 -3.73	42.32 0.67 -3.68	42.19 0.54 -3.49	40.84 0.49 -2.85	41.40 0.36 -2.58
BABYLON_RES_REC 323704	37.79 1.60 0.00	35.78 1.43 0.00	23.74 0.97 0.00	23.25 0.81 0.00	19.66 0.60 -0.07	23.82 0.84 0.00	34.20 1.14 0.00	38.66 1.64 0.00	27.10 1.39 0.00	26.89 1.49 0.00	42.22 2.03 -13.47	44.66 2.21 -12.71	45.31 2.64 -7.20	49.05 2.58 -8.93	48.04 2.55 -6.84	45.18 2.21 -6.30	44.89 1.75 0.00	50.05 1.49 0.00	49.13 1.45 0.00	40.17 1.30 -0.51	39.02 1.05 0.00	40.57 1.53 -0.89	39.02 1.52 0.00	40.03 1.57 0.00
BALL_HILL_WT_PWR 323825	36.93 -0.01 -0.76	34.98 0.02 -0.60	22.72 -0.06 0.00	22.55 0.11 0.00	19.09 0.10 0.00	23.07 0.09 -0.01	33.13 -0.51 -0.58	37.70 -0.31 -1.00	25.96 0.03 -0.21	25.45 0.04 0.00	27.32 0.46 -0.14	30.89 0.67 -0.48	37.36 0.93 -0.96	39.60 0.93 -1.13	41.17 1.22 -1.31	38.83 1.05 -1.11	46.69 1.37 -2.18	53.08 1.32 -3.20	51.70 1.28 -2.75	41.09 0.85 -1.88	40.64 0.82 -1.85	40.74 0.83 -1.76	40.19 1.25 -1.43	41.11 1.35 -1.30
BARON_WINDS___WT_PWR 323822	36.98 -0.09 -0.88	34.98 -0.07 -0.70	22.68 -0.09 0.00	22.49 0.06 0.00	19.01 0.02 0.00	22.96 -0.02 -0.01	33.24 -0.49 -0.67	37.73 -0.39 -1.10	25.89 -0.06 -0.24	25.26 -0.15 0.00	26.96 0.09 -0.15	30.51 0.23 -0.54	36.94 0.40 -1.06	39.15 0.36 -1.26	40.88 0.78 -1.45	38.56 0.65 -1.24	46.56 1.00 -2.42	53.16 1.04 -3.56	51.80 1.07 -3.05	41.22 0.78 -2.09	40.72 0.70 -2.06	40.77 0.66 -1.95	39.90 0.81 -1.59	40.68 0.78 -1.44
BARRETT_IC_1 23704	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_10 23701	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_11 23702	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_12 23703	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_2 23705	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_3 23706	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_4 23707	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_5 23708	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00

BARRETT_IC_6 23709	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_7 23710	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.76 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.56 2.30 -6.78	48.01 2.22 -8.26	47.34 2.37 -6.33	44.67 2.18 -5.83	44.95 1.81 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.17 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_8 23711	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT_IC_9 23700	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT___1 23545	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BARRETT___2 23546	37.56 1.37 0.00	35.67 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.74 0.77 0.00	34.03 0.97 0.00	38.31 1.29 0.00	26.84 1.13 0.00	26.67 1.27 0.00	41.00 1.83 -12.46	43.43 1.92 -11.77	44.57 2.31 -6.78	48.02 2.22 -8.26	47.35 2.39 -6.33	44.68 2.18 -5.83	44.96 1.82 0.00	50.30 1.73 0.00	49.36 1.69 0.00	40.33 1.50 -0.48	39.02 1.05 0.00	40.15 1.18 -0.83	38.62 1.12 0.00	39.71 1.25 0.00
BATAVIA__115KV_TB1 55881	37.55 0.61 -0.74	35.61 0.66 -0.59	23.16 0.38 0.00	22.95 0.52 0.00	19.47 0.48 0.00	23.59 0.61 -0.01	33.90 0.27 -0.57	38.49 0.49 -0.98	26.40 0.47 -0.21	25.72 0.31 0.00	27.47 0.61 -0.14	30.95 0.74 -0.48	37.39 0.97 -0.95	39.72 1.07 -1.12	41.16 1.23 -1.29	39.02 1.25 -1.10	47.09 1.81 -2.15	53.85 2.13 -3.16	52.70 2.31 -2.72	42.02 1.81 -1.85	41.48 1.69 -1.83	41.53 1.64 -1.73	40.98 2.06 -1.41	41.94 2.20 -1.28
BAYONEEC___CTG1 323682	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG10 323750	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG2 323683	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG3 323684	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG4 323685	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG5 323686	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG6 323687	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG7 323688	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00

BAYONEEC___CTG8 323689	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BAYONEEC___CTG9 323749	37.93 1.74 0.00	35.87 1.52 0.00	23.78 1.01 0.00	23.36 0.92 0.00	19.76 0.70 -0.07	23.86 0.88 0.00	34.50 1.44 0.00	39.05 2.03 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.34 2.40 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.78 3.13 0.00	39.50 2.83 0.00	45.76 2.62 0.00	51.28 2.72 0.00	50.28 2.60 0.00	40.38 2.02 0.00	39.62 1.66 0.00	40.00 1.85 0.00	39.36 1.86 0.00	40.22 1.75 0.00
BEACON___LESR 323632	36.32 0.13 0.00	34.41 0.06 0.00	22.96 0.19 0.00	22.63 0.20 0.00	19.07 0.12 0.05	23.09 0.12 0.00	33.33 0.28 0.00	37.55 0.53 0.00	26.02 0.31 0.00	25.80 0.41 0.00	27.16 0.44 0.00	30.12 0.50 0.12	34.99 0.55 1.04	38.11 0.57 0.00	39.19 0.55 0.00	37.24 0.57 0.00	43.67 0.53 0.00	49.23 0.67 0.00	48.38 0.70 0.00	38.76 0.40 0.00	38.24 0.28 0.00	38.34 0.19 0.00	37.68 0.17 0.00	38.57 0.11 0.00
BEAVER RIVER___HYD 24048	38.36 1.35 -0.81	36.15 1.15 -0.65	23.40 0.63 0.00	23.12 0.69 0.00	19.65 0.66 0.00	23.85 0.87 -0.01	35.12 1.45 -0.61	39.58 1.60 -0.97	26.73 0.81 -0.21	25.72 0.32 0.00	27.01 0.15 -0.13	30.35 0.15 -0.47	36.54 0.13 -0.93	38.67 0.04 -1.09	39.87 -0.03 -1.26	37.54 -0.20 -1.07	45.25 0.02 -2.10	52.46 0.82 -3.08	51.63 1.31 -2.65	41.25 1.09 -1.81	40.92 0.92 -2.04	43.21 0.94 -4.12	40.25 0.55 -2.19	40.35 0.64 -1.25
BEEBEE_GT_13 23619	37.03 0.11 -0.72	35.07 0.14 -0.58	22.83 0.05 0.00	22.58 0.14 0.00	19.13 0.13 0.00	23.18 0.20 -0.01	33.65 0.04 -0.55	38.26 0.28 -0.96	26.21 0.29 -0.21	25.64 0.23 0.00	27.39 0.54 -0.13	30.93 0.72 -0.47	37.39 0.98 -0.93	39.73 1.10 -1.10	41.19 1.28 -1.27	39.03 1.27 -1.08	46.96 1.71 -2.11	53.60 1.94 -3.10	52.26 1.92 -2.66	41.54 1.37 -1.82	40.97 1.21 -1.80	40.98 1.12 -1.70	40.18 1.29 -1.39	41.03 1.31 -1.26
BENSHRST_27_KV_BENSHRST_1 355998	38.21 2.03 0.00	36.12 1.77 0.00	24.05 1.27 0.00	23.55 1.12 0.00	19.88 0.82 -0.07	24.01 1.03 0.00	34.75 1.70 0.00	39.30 2.28 0.00	27.66 1.95 0.00	27.52 2.12 0.00	29.14 2.42 0.00	32.63 2.69 -0.20	40.50 3.34 -1.69	40.98 3.44 0.00	42.27 3.62 0.00	40.03 3.36 0.00	46.25 3.12 0.00	51.88 3.31 -0.01	50.86 3.18 0.00	41.04 2.54 -0.15	40.47 2.17 -0.33	40.49 2.34 0.00	39.87 2.37 0.00	40.73 2.27 0.00
BETHLEHEM___GRP 23843	35.81 -0.37 0.00	34.02 -0.33 0.00	22.73 -0.04 0.00	22.41 -0.02 0.00	18.86 -0.10 0.04	22.82 -0.15 0.00	32.83 -0.23 0.00	37.00 -0.02 0.00	25.68 -0.04 0.00	25.40 0.01 0.00	26.72 0.00 0.00	29.63 0.00 0.11	34.43 -0.09 0.97	37.45 -0.08 0.00	38.56 -0.08 0.00	36.61 -0.06 0.00	42.83 -0.31 0.00	48.27 -0.29 0.00	47.42 -0.26 0.00	38.06 -0.30 0.00	37.54 -0.43 0.00	37.68 -0.47 0.00	37.00 -0.50 0.00	37.91 -0.55 0.00
BETHLEHEM___GS1 323560	35.81 -0.37 0.00	34.02 -0.33 0.00	22.73 -0.04 0.00	22.41 -0.02 0.00	18.86 -0.09 0.04	22.82 -0.15 0.00	32.83 -0.22 0.00	37.01 -0.01 0.00	25.68 -0.03 0.00	25.40 0.01 0.00	26.72 0.00 0.00	29.63 0.00 0.11	34.43 -0.09 0.97	37.45 -0.08 0.00	38.57 -0.07 0.00	36.61 -0.06 0.00	42.84 -0.30 0.00	48.28 -0.29 0.00	47.42 -0.25 0.00	38.06 -0.30 0.00	37.54 -0.43 0.00	37.68 -0.47 0.00	37.00 -0.50 0.00	37.91 -0.55 0.00
BETHLEHEM___GS2 323561	35.81 -0.37 0.00	34.02 -0.33 0.00	22.73 -0.04 0.00	22.41 -0.02 0.00	18.86 -0.09 0.04	22.82 -0.15 0.00	32.83 -0.22 0.00	37.01 -0.01 0.00	25.68 -0.03 0.00	25.40 0.01 0.00	26.72 0.00 0.00	29.63 0.00 0.11	34.43 -0.09 0.97	37.45 -0.08 0.00	38.57 -0.07 0.00	36.61 -0.06 0.00	42.84 -0.30 0.00	48.28 -0.29 0.00	47.42 -0.25 0.00	38.06 -0.30 0.00	37.54 -0.43 0.00	37.68 -0.47 0.00	37.00 -0.50 0.00	37.91 -0.55 0.00
BETHLEHEM___GS3 323562	35.81 -0.37 0.00	34.02 -0.33 0.00	22.73 -0.04 0.00	22.41 -0.02 0.00	18.86 -0.09 0.04	22.82 -0.15 0.00	32.83 -0.22 0.00	37.01 -0.01 0.00	25.68 -0.03 0.00	25.40 0.01 0.00	26.72 0.00 0.00	29.63 0.00 0.11	34.43 -0.09 0.97	37.45 -0.08 0.00	38.57 -0.07 0.00	36.61 -0.06 0.00	42.84 -0.30 0.00	48.28 -0.29 0.00	47.42 -0.25 0.00	38.06 -0.30 0.00	37.54 -0.43 0.00	37.68 -0.47 0.00	37.00 -0.50 0.00	37.91 -0.55 0.00
BETHLEHEM___STEEL 23779	37.00 0.05 -0.76	35.09 0.14 -0.60	22.81 0.03 0.00	22.64 0.21 0.00	19.19 0.19 0.00	23.19 0.21 -0.01	33.23 -0.41 -0.58	37.75 -0.27 -1.00	26.00 0.07 -0.22	25.52 0.12 0.00	27.41 0.55 -0.14	30.95 0.72 -0.48	37.40 0.96 -0.96	39.68 1.01 -1.13	41.17 1.22 -1.31	38.93 1.14 -1.12	46.84 1.52 -2.18	53.20 1.43 -3.21	51.78 1.35 -2.75	41.10 0.86 -1.88	40.65 0.83 -1.86	40.79 0.88 -1.76	40.27 1.34 -1.43	41.24 1.48 -1.30
BETHLHEM_115KV_TB1 79974	35.93 -0.26 0.00	34.13 -0.22 0.00	22.79 0.02 0.00	22.46 0.02 0.00	18.91 -0.05 0.04	22.88 -0.09 0.00	32.92 -0.14 0.00	37.09 0.08 0.00	25.75 0.04 0.00	25.47 0.07 0.00	26.79 0.06 0.00	29.71 0.08 0.11	34.60 0.03 0.91	37.57 0.03 0.00	38.70 0.05 0.00	36.71 0.04 0.00	42.97 -0.17 0.00	48.42 -0.14 0.00	47.56 -0.12 0.00	38.18 -0.17 0.00	37.65 -0.31 0.00	37.81 -0.34 0.00	37.14 -0.36 0.00	38.06 -0.40 0.00
BETHPAGE_CC_5 323564	37.62 1.44 0.00	35.67 1.32 0.00	23.66 0.88 0.00	23.17 0.74 0.00	19.60 0.54 -0.07	23.71 0.74 0.00	33.99 0.93 0.00	38.40 1.38 0.00	26.92 1.21 0.00	26.75 1.35 0.00	42.86 1.86 -14.27	45.25 2.05 -13.46	45.45 2.44 -7.53	49.42 2.42 -9.46	48.47 2.58 -7.24	45.69 2.34 -6.68	45.13 1.98 0.00	50.49 1.93 0.00	49.55 1.87 0.00	40.49 1.59 -0.54	39.08 1.12 0.00	40.40 1.30 -0.95	38.78 1.28 0.00	39.85 1.39 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.03 0.08 -0.76	35.12 0.16 -0.60	22.83 0.05 0.00	22.66 0.23 0.00	19.19 0.20 0.00	23.22 0.24 -0.01	33.29 -0.35 -0.58	37.82 -0.19 -1.00	26.05 0.12 -0.22	25.58 0.18 0.00	27.46 0.60 -0.14	31.01 0.78 -0.49	37.48 1.04 -0.96	39.76 1.09 -1.14	41.27 1.31 -1.31	39.03 1.24 -1.12	46.96 1.64 -2.18	53.34 1.56 -3.21	51.91 1.48 -2.76	41.20 0.96 -1.88	40.74 0.92 -1.86	40.87 0.96 -1.76	40.32 1.38 -1.44	41.28 1.51 -1.30
BINGHAMTON___COGEN 23790	37.21 0.10 -0.92	35.14 0.05 -0.73	22.83 0.05 0.00	22.55 0.12 0.00	19.06 0.07 0.00	23.06 0.08 -0.01	33.82 0.06 -0.69	38.37 0.25 -1.11	26.22 0.27 -0.24	25.60 0.20 0.00	27.17 0.29 -0.16	30.70 0.38 -0.57	37.35 0.51 -1.36	39.34 0.54 -1.26	40.96 0.85 -1.46	38.61 0.68 -1.25	46.40 0.82 -2.44	53.06 0.91 -3.59	51.64 0.87 -3.09	41.06 0.60 -2.11	40.53 0.49 -2.08	40.60 0.47 -1.97	39.57 0.46 -1.61	40.29 0.37 -1.46

BIXINCNT_115KV_LOAD 355685	37.14 0.18 -0.77	35.22 0.25 -0.61	22.88 0.11 0.00	22.73 0.30 0.00	19.21 0.22 0.00	23.29 0.31 -0.01	33.56 -0.08 -0.59	38.16 0.14 -1.00	26.29 0.36 -0.22	25.78 0.38 0.00	27.61 0.75 -0.14	31.18 0.95 -0.49	37.63 1.19 -0.97	39.94 1.26 -1.14	41.65 1.69 -1.32	39.29 1.50 -1.13	47.22 1.88 -2.20	53.69 1.90 -3.24	52.26 1.80 -2.78	41.45 1.20 -1.90	40.96 1.13 -1.87	41.07 1.14 -1.78	40.43 1.48 -1.45	41.25 1.48 -1.31
BLACK RIVER___HYD 24047	39.13 1.62 -1.32	36.72 1.33 -1.05	23.52 0.75 0.00	23.28 0.85 0.00	19.78 0.79 0.00	24.05 1.07 -0.01	35.82 1.78 -0.99	40.61 2.02 -1.56	27.08 1.03 -0.34	25.77 0.37 0.00	27.06 0.12 -0.22	30.59 0.10 -0.76	37.07 0.10 -1.50	39.29 -0.01 -1.76	40.60 -0.08 -2.03	38.09 -0.31 -1.73	46.51 -0.01 -3.38	54.73 1.19 -4.98	53.87 1.91 -4.27	42.87 1.59 -2.92	42.38 1.36 -3.06	43.84 1.28 -4.41	41.06 0.77 -2.79	41.32 0.84 -2.02
BLACKRVR_115KV_TB2 79977	39.13 1.62 -1.32	36.72 1.32 -1.05	23.52 0.75 0.00	23.28 0.85 0.00	19.78 0.79 0.00	24.05 1.07 -0.01	35.83 1.78 -0.99	40.61 2.03 -1.56	27.08 1.03 -0.34	25.77 0.37 0.00	27.06 0.12 -0.22	30.59 0.10 -0.76	37.07 0.10 -1.50	39.29 -0.01 -1.76	40.60 -0.07 -2.03	38.09 -0.31 -1.73	46.51 -0.01 -3.38	54.73 1.19 -4.98	53.87 1.92 -4.27	42.87 1.59 -2.92	42.38 1.36 -3.06	43.84 1.28 -4.41	41.06 0.77 -2.79	41.32 0.84 -2.02
BLDWN_LI_69_KV_BK4 356085	37.87 1.69 0.00	35.89 1.54 0.00	23.79 1.02 0.00	23.30 0.87 0.00	19.72 0.66 -0.07	23.87 0.89 0.00	34.25 1.20 0.00	38.66 1.64 0.00	27.09 1.38 0.00	26.93 1.53 0.00	44.74 2.04 -15.97	47.02 2.24 -15.04	46.37 2.67 -8.22	50.81 2.68 -10.59	49.61 2.86 -8.11	46.78 2.64 -7.47	45.49 2.36 0.00	50.97 2.41 0.00	50.04 2.36 0.00	40.95 1.99 -0.61	39.46 1.49 0.00	40.84 1.63 -1.06	39.08 1.58 0.00	40.11 1.65 0.00
BLISS_WT_PWR 323608	37.16 0.20 -0.77	35.23 0.27 -0.61	22.90 0.12 0.00	22.74 0.30 0.00	19.22 0.23 0.00	23.30 0.32 -0.01	33.57 -0.08 -0.59	38.16 0.14 -1.00	26.30 0.37 -0.22	25.82 0.41 0.00	27.64 0.77 -0.14	31.20 0.97 -0.49	37.65 1.21 -0.97	39.97 1.29 -1.14	41.64 1.68 -1.32	39.31 1.51 -1.13	47.24 1.90 -2.20	53.74 1.95 -3.24	52.28 1.83 -2.78	41.49 1.24 -1.90	41.00 1.16 -1.87	41.07 1.15 -1.78	40.45 1.50 -1.45	41.27 1.50 -1.31
BLUESTONE___WT_PWR 323821	38.40 1.41 -0.80	36.25 1.27 -0.64	23.42 0.64 0.00	23.13 0.70 0.00	19.61 0.61 0.00	23.75 0.77 -0.01	34.96 1.31 -0.59	39.45 1.67 -0.77	27.03 1.15 -0.17	26.45 1.05 0.00	28.00 1.17 -0.11	31.51 1.33 -0.44	38.40 1.65 -1.27	40.22 2.39 -0.29	41.84 2.03 -1.17	39.60 1.85 -1.08	47.68 2.43 -2.11	54.76 3.10 -3.10	53.49 3.15 -2.67	41.50 2.53 -0.61	42.00 2.24 -1.80	42.02 2.16 -1.70	40.87 1.98 -1.39	41.55 1.83 -1.26
BLUE_CIRC_CHEM_DRP 24182	35.59 -0.59 0.00	33.83 -0.52 0.00	22.56 -0.22 0.00	22.23 -0.20 0.00	18.73 -0.24 0.03	22.66 -0.32 0.00	32.61 -0.45 0.00	36.69 -0.34 0.00	25.36 -0.35 0.00	24.96 -0.44 0.00	26.21 -0.51 0.01	29.19 -0.50 0.05	34.41 -0.63 0.44	23.97 -0.65 12.91	37.92 -0.72 0.00	36.01 -0.67 0.00	42.36 -0.78 0.00	47.85 -0.71 0.00	47.05 -0.63 0.00	37.78 -0.57 0.00	37.30 -0.67 0.00	37.45 -0.70 0.00	36.77 -0.73 0.00	37.70 -0.76 0.00
BOC_GAS_DRP 24189	36.23 0.04 0.00	34.41 0.06 0.00	22.93 0.15 0.00	22.58 0.15 0.00	19.03 0.06 0.03	23.01 0.04 0.00	33.13 0.07 0.00	37.30 0.29 0.00	25.91 0.20 0.00	25.63 0.23 0.00	26.97 0.25 0.00	29.96 0.29 0.07	35.20 0.31 0.58	37.88 0.34 0.00	39.01 0.37 0.00	36.99 0.32 0.00	43.29 0.15 0.00	48.74 0.18 0.00	47.84 0.17 0.00	38.43 0.08 0.00	37.91 -0.05 0.00	38.12 -0.03 0.00	37.46 -0.05 0.00	38.40 -0.07 0.00
BOONVILLE_115KV_TB1 79983	37.67 1.02 -0.46	35.63 0.91 -0.37	23.34 0.56 0.00	23.04 0.60 0.00	19.52 0.52 0.00	23.68 0.70 0.00	34.54 1.14 -0.35	38.88 1.30 -0.55	26.57 0.74 -0.12	25.84 0.44 0.00	27.18 0.38 -0.08	30.42 0.42 -0.27	36.48 0.47 -0.53	38.69 0.53 -0.62	39.92 0.56 -0.72	37.79 0.51 -0.61	45.08 0.74 -1.20	51.68 1.36 -1.76	50.80 1.61 -1.51	40.67 1.28 -1.03	40.18 1.09 -1.12	41.08 1.03 -1.90	39.38 0.77 -1.10	39.93 0.75 -0.71
BORALEX_4TH_BRANCH 23824	37.28 1.10 0.00	35.39 1.04 0.00	23.50 0.73 0.00	23.14 0.71 0.00	19.36 0.50 0.14	23.63 0.66 0.00	34.14 1.08 0.00	38.52 1.50 0.00	26.58 0.86 0.00	26.32 0.92 0.00	27.55 0.83 0.00	30.28 0.89 0.35	33.57 1.07 2.98	38.76 1.22 0.00	39.89 1.25 0.00	37.84 1.17 0.00	44.38 1.25 0.00	49.95 1.38 0.00	49.38 1.71 0.00	39.55 1.20 0.00	39.01 1.05 0.00	39.04 0.89 0.00	38.24 0.74 0.00	39.30 0.84 0.00
BOWLINE___1 23526	37.50 1.31 0.00	35.49 1.14 0.00	23.53 0.76 0.00	23.13 0.69 0.00	19.57 0.51 -0.06	23.63 0.66 0.00	34.15 1.10 0.00	38.63 1.61 0.00	27.05 1.34 0.00	26.87 1.47 0.00	28.43 1.71 0.00	31.83 1.91 -0.19	39.35 2.26 -1.61	39.90 2.36 0.00	41.23 2.59 0.00	38.98 2.31 0.00	45.27 2.13 0.00	50.91 2.35 0.00	49.96 2.28 0.00	40.09 1.74 0.00	39.31 1.34 0.00	39.62 1.47 0.00	38.97 1.47 0.00	39.85 1.38 0.00
BOWLINE___2 23595	37.50 1.31 0.00	35.48 1.13 0.00	23.53 0.76 0.00	23.12 0.68 0.00	19.57 0.51 -0.06	23.63 0.66 0.00	34.15 1.09 0.00	38.62 1.60 0.00	27.04 1.33 0.00	26.86 1.46 0.00	28.42 1.70 0.00	31.83 1.90 -0.19	39.33 2.25 -1.61	39.88 2.34 0.00	41.21 2.57 0.00	38.97 2.30 0.00	45.25 2.11 0.00	50.89 2.33 0.00	49.94 2.26 0.00	40.08 1.72 0.00	39.29 1.33 0.00	39.61 1.46 0.00	38.96 1.46 0.00	39.84 1.38 0.00
BRADY___115KV_TB2 356060	37.28 1.09 0.00	35.34 0.99 0.00	23.25 0.48 0.00	22.86 0.43 0.00	19.49 0.50 0.00	23.64 0.67 0.00	34.09 1.03 0.00	37.88 0.86 0.00	26.16 0.45 0.00	25.70 0.30 0.00	26.94 0.22 0.00	29.97 0.23 0.00	35.69 0.21 0.00	37.67 0.13 0.00	38.56 -0.08 0.00	36.61 -0.06 0.00	43.19 0.05 0.00	48.50 -0.07 0.00	47.94 0.26 0.00	38.84 0.48 0.00	39.04 0.77 -0.31	41.99 0.89 -2.94	39.48 0.99 -0.98	39.57 1.11 0.00
BRANSCOMB___SOLAR 323811	37.35 1.16 0.00	35.40 1.06 0.00	23.51 0.74 0.00	23.17 0.74 0.00	19.51 0.58 0.06	23.72 0.75 0.00	34.23 1.18 0.00	38.54 1.53 0.00	26.54 0.83 0.00	26.17 0.77 0.00	27.40 0.67 0.00	30.27 0.70 0.17	34.93 0.89 1.44	38.62 1.08 0.00	39.76 1.12 0.00	37.76 1.09 0.00	44.49 1.35 0.00	50.31 1.75 0.00	49.69 2.01 0.00	39.88 1.52 0.00	39.31 1.34 0.00	39.35 1.20 0.00	38.53 1.03 0.00	39.52 1.05 0.00
BRDGHMPT_69_KV_BK1 55812	37.27 1.08 0.00	35.10 0.75 0.00	23.56 0.78 0.00	23.03 0.59 0.00	19.31 0.25 -0.07	23.49 0.52 0.00	33.76 0.70 0.00	38.27 1.25 0.00	27.01 1.30 0.00	26.85 1.45 0.00	40.95 2.01 -12.22	43.52 2.23 -11.55	44.79 2.62 -6.69	48.38 2.74 -8.10	47.80 2.96 -6.20	45.35 2.96 -5.72	45.78 2.64 0.00	50.95 2.39 0.00	50.08 2.40 0.00	40.97 2.15 -0.47	39.64 1.67 0.00	40.63 1.67 -0.81	39.15 1.65 0.00	40.00 1.54 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	37.99 1.80 0.00	35.93 1.59 0.00	23.86 1.09 0.00	23.36 0.93 0.00	19.76 0.69 -0.07	23.94 0.97 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.26 1.55 0.00	27.02 1.62 0.00	41.42 2.23 -12.47	43.95 2.43 -11.79	45.15 2.89 -6.79	48.63 2.83 -8.27	48.02 3.05 -6.33	45.32 2.82 -5.84	45.64 2.50 0.00	50.91 2.35 0.00	49.95 2.27 0.00	40.88 2.05 -0.48	39.54 1.58 0.00	40.67 1.69 -0.83	39.22 1.71 0.00	40.21 1.74 0.00
BRISTLHL_115KV_TB1 79998	36.96 -0.32 -1.10	34.90 -0.33 -0.87	22.57 -0.20 0.00	22.27 -0.17 0.00	18.84 -0.15 0.00	22.83 -0.15 -0.01	33.65 -0.23 -0.82	38.19 -0.13 -1.30	25.89 -0.10 -0.28	25.17 -0.23 0.00	26.66 -0.24 -0.18	30.14 -0.23 -0.63	36.46 -0.26 -1.25	38.77 -0.23 -1.47	40.21 -0.13 -1.69	38.04 -0.08 -1.44	45.98 0.02 -2.82	52.86 0.15 -4.15	51.50 0.26 -3.56	40.97 0.18 -2.43	40.44 0.07 -2.40	40.41 -0.02 -2.28	39.28 -0.08 -1.86	39.99 -0.15 -1.68
BROOKHAVEN___DRP 24191	37.10 0.91 0.00	35.10 0.74 0.00	23.41 0.63 0.00	22.90 0.47 0.00	19.32 0.26 -0.07	23.45 0.47 0.00	33.65 0.60 0.00	38.08 1.06 0.00	26.75 1.04 0.00	26.50 1.10 0.00	40.56 1.62 -12.21	42.97 1.69 -11.54	44.12 1.96 -6.68	47.58 1.95 -8.10	47.04 2.19 -6.20	44.45 2.07 -5.71	44.72 1.58 0.00	49.77 1.21 0.00	48.92 1.24 0.00	40.04 1.21 -0.47	38.77 0.80 0.00	39.81 0.85 -0.81	38.42 0.91 0.00	39.29 0.82 0.00
BROOKLYN_NAVY_YARD 23515	37.87 1.68 0.00	35.82 1.46 0.00	23.75 0.97 0.00	23.32 0.89 0.00	19.74 0.68 -0.07	23.82 0.84 0.00	34.44 1.39 0.00	38.99 1.98 0.00	27.36 1.65 0.00	27.24 1.84 0.00	28.83 2.11 0.00	32.30 2.36 -0.20	39.88 2.72 -1.68	40.41 2.87 0.00	41.74 3.09 0.00	39.46 2.79 0.00	45.73 2.59 0.00	51.25 2.69 0.00	50.26 2.58 0.00	40.36 2.00 0.00	39.59 1.63 0.00	39.95 1.80 0.00	39.36 1.86 0.00	40.21 1.75 0.00
BROOKLYN___ARMY_DRP 323595	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
BROOME_2_LFGE 323671	37.21 0.10 -0.92	35.14 0.05 -0.73	22.82 0.05 0.00	22.55 0.12 0.00	19.06 0.07 0.00	23.06 0.08 -0.01	33.82 0.06 -0.69	38.37 0.24 -1.11	26.22 0.27 -0.24	25.60 0.20 0.00	27.17 0.29 -0.16	30.69 0.38 -0.57	37.35 0.51 -1.36	39.34 0.53 -1.26	40.95 0.84 -1.46	38.61 0.69 -1.25	46.40 0.82 -2.44	53.06 0.91 -3.59	51.63 0.87 -3.09	41.06 0.60 -2.11	40.54 0.50 -2.08	40.59 0.47 -1.97	39.57 0.46 -1.61	40.29 0.37 -1.46
BROOME___LFGE 323600	37.21 0.10 -0.92	35.14 0.05 -0.73	22.82 0.05 0.00	22.55 0.12 0.00	19.06 0.07 0.00	23.06 0.08 -0.01	33.82 0.06 -0.69	38.37 0.24 -1.11	26.22 0.27 -0.24	25.60 0.20 0.00	27.17 0.29 -0.16	30.69 0.38 -0.57	37.35 0.51 -1.36	39.34 0.53 -1.26	40.95 0.84 -1.46	38.61 0.69 -1.25	46.40 0.82 -2.44	53.06 0.91 -3.59	51.63 0.87 -3.09	41.06 0.60 -2.11	40.54 0.50 -2.08	40.59 0.47 -1.97	39.57 0.46 -1.61	40.29 0.37 -1.46
BROWNFLS_115KV_TB_3_5 80003	37.94 1.18 -0.57	35.81 1.01 -0.45	23.28 0.50 0.00	22.95 0.52 0.00	19.54 0.55 0.00	23.71 0.73 0.00	34.68 1.20 -0.43	38.89 1.20 -0.67	26.49 0.64 -0.14	25.70 0.30 0.00	27.00 0.18 -0.09	30.24 0.17 -0.33	36.26 0.14 -0.64	38.33 0.04 -0.75	39.41 -0.11 -0.87	37.16 -0.26 -0.74	44.46 -0.14 -1.45	50.92 0.22 -2.14	50.05 0.53 -1.83	40.12 0.51 -1.25	40.21 0.55 -1.70	44.44 0.74 -5.55	40.51 0.60 -2.41	40.03 0.70 -0.86
BROWNSV1_27_KV_LOAD 356125	38.36 2.17 0.00	36.26 1.91 0.00	24.04 1.26 0.00	23.60 1.16 0.00	19.96 0.90 -0.07	24.10 1.13 0.00	34.87 1.81 0.00	39.49 2.47 0.00	27.70 1.99 0.00	27.58 2.18 0.00	29.20 2.47 0.00	32.70 2.77 -0.20	40.38 3.22 -1.68	40.94 3.40 0.00	42.27 3.63 0.00	40.00 3.33 0.00	46.35 3.21 0.00	51.95 3.39 0.00	50.94 3.26 0.00	40.91 2.56 0.00	40.14 2.18 0.00	40.49 2.34 0.00	39.83 2.33 0.00	40.68 2.22 0.00
BURROWS___LYONSDAL 23803	37.82 1.10 -0.53	35.74 0.97 -0.42	23.35 0.57 0.00	23.06 0.63 0.00	19.55 0.56 0.00	23.72 0.74 0.00	34.67 1.21 -0.40	39.03 1.38 -0.63	26.61 0.76 -0.14	25.80 0.40 0.00	27.14 0.33 -0.09	30.40 0.35 -0.31	36.48 0.40 -0.61	38.65 0.40 -0.71	39.89 0.42 -0.83	37.71 0.33 -0.70	45.08 0.56 -1.38	51.81 1.23 -2.02	50.94 1.53 -1.74	40.76 1.22 -1.19	40.28 1.02 -1.30	41.46 0.98 -2.33	39.49 0.67 -1.31	39.96 0.67 -0.82
CAITHNESS_CC_1 323624	37.10 0.92 0.00	35.11 0.76 0.00	23.41 0.63 0.00	22.91 0.47 0.00	19.34 0.28 -0.07	23.46 0.48 0.00	33.66 0.60 0.00	38.08 1.06 0.00	26.76 1.04 0.00	26.50 1.10 0.00	40.55 1.63 -12.20	42.97 1.69 -11.54	44.13 1.97 -6.68	47.58 1.95 -8.09	47.03 2.19 -6.20	44.43 2.05 -5.71	44.69 1.55 0.00	49.72 1.16 0.00	48.87 1.19 0.00	39.99 1.17 -0.47	38.73 0.77 0.00	39.79 0.82 -0.81	38.39 0.88 0.00	39.28 0.82 0.00
CALPINE BETH_PAGE_GT4 24209	37.67 1.48 0.00	35.70 1.35 0.00	23.67 0.90 0.00	23.19 0.76 0.00	19.62 0.56 -0.07	23.73 0.76 0.00	33.97 0.91 0.00	38.37 1.35 0.00	26.90 1.18 0.00	26.74 1.35 0.00	43.77 1.85 -15.20	46.09 2.02 -14.32	45.79 2.41 -7.91	50.02 2.40 -10.08	48.91 2.55 -7.72	46.11 2.33 -7.12	45.11 1.97 0.00	50.49 1.93 0.00	49.56 1.89 0.00	40.53 1.59 -0.58	39.07 1.10 0.00	40.44 1.28 -1.01	38.78 1.28 0.00	39.90 1.44 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.67 1.49 0.00	35.70 1.35 0.00	23.67 0.90 0.00	23.19 0.76 0.00	19.62 0.56 -0.07	23.73 0.76 0.00	33.97 0.91 0.00	38.37 1.36 0.00	26.90 1.19 0.00	26.74 1.34 0.00	43.77 1.85 -15.20	46.08 2.02 -14.32	45.80 2.42 -7.91	50.02 2.40 -10.08	48.93 2.57 -7.72	46.12 2.33 -7.12	45.11 1.97 0.00	50.49 1.93 0.00	49.56 1.89 0.00	40.53 1.59 -0.58	39.07 1.10 0.00	40.45 1.28 -1.01	38.77 1.27 0.00	39.90 1.44 0.00
CALPINE_BP_GT1 23823	37.67 1.49 0.00	35.70 1.35 0.00	23.67 0.90 0.00	23.19 0.76 0.00	19.62 0.56 -0.07	23.73 0.76 0.00	33.97 0.91 0.00	38.37 1.36 0.00	26.90 1.19 0.00	26.74 1.34 0.00	43.77 1.85 -15.20	46.08 2.02 -14.32	45.80 2.42 -7.91	50.02 2.40 -10.08	48.93 2.57 -7.72	46.12 2.33 -7.12	45.11 1.97 0.00	50.49 1.93 0.00	49.56 1.89 0.00	40.53 1.59 -0.58	39.07 1.10 0.00	40.45 1.28 -1.01	38.77 1.27 0.00	39.90 1.44 0.00
CALSPAN___DRP 24200	37.00 0.05 -0.76	35.09 0.14 -0.60	22.81 0.03 0.00	22.64 0.21 0.00	19.19 0.19 0.00	23.19 0.21 -0.01	33.23 -0.41 -0.58	37.75 -0.27 -1.00	26.00 0.07 -0.22	25.52 0.12 0.00	27.41 0.55 -0.14	30.95 0.72 -0.48	37.40 0.96 -0.96	39.68 1.01 -1.13	41.17 1.22 -1.31	38.93 1.14 -1.12	46.84 1.52 -2.18	53.20 1.43 -3.21	51.78 1.35 -2.75	41.10 0.86 -1.88	40.65 0.83 -1.86	40.79 0.88 -1.76	40.27 1.34 -1.43	41.24 1.48 -1.30

CALVERTON___SOLAR 323806	37.12 0.94 0.00	35.10 0.74 0.00	23.41 0.64 0.00	22.91 0.48 0.00	19.33 0.26 -0.07	23.45 0.48 0.00	33.67 0.61 0.00	38.10 1.09 0.00	26.78 1.07 0.00	26.53 1.13 0.00	40.58 1.64 -12.21	43.00 1.72 -11.55	44.17 2.01 -6.68	47.64 2.01 -8.10	47.12 2.27 -6.20	44.54 2.15 -5.71	44.82 1.68 0.00	49.89 1.32 0.00	49.04 1.37 0.00	40.14 1.32 -0.47	38.86 0.90 0.00	39.90 0.93 -0.81	38.48 0.97 0.00	39.36 0.89 0.00
CANDIGU_WT_PWR 323617	36.98 -0.09 -0.88	34.98 -0.07 -0.70	22.68 -0.09 0.00	22.49 0.06 0.00	19.01 0.02 0.00	22.96 -0.02 -0.01	33.24 -0.49 -0.67	37.73 -0.39 -1.10	25.89 -0.06 -0.24	25.26 -0.15 0.00	26.96 0.09 -0.15	30.51 0.23 -0.54	36.94 0.40 -1.06	39.15 0.36 -1.26	40.88 0.78 -1.45	38.56 0.65 -1.24	46.56 1.00 -2.42	53.16 1.04 -3.56	51.80 1.07 -3.05	41.22 0.78 -2.09	40.72 0.70 -2.06	40.77 0.66 -1.95	39.90 0.81 -1.59	40.68 0.78 -1.44
CARR STREET_E_SYR 24060	36.98 -0.47 -1.27	34.90 -0.46 -1.01	22.49 -0.28 0.00	22.19 -0.24 0.00	18.77 -0.23 0.00	22.74 -0.25 -0.01	33.64 -0.37 -0.95	38.21 -0.31 -1.51	25.81 -0.22 -0.33	25.09 -0.31 0.00	26.64 -0.29 -0.21	30.20 -0.27 -0.73	36.65 -0.27 -1.44	38.99 -0.24 -1.70	40.47 -0.13 -1.96	38.24 -0.10 -1.67	46.35 -0.05 -3.26	53.43 0.07 -4.80	51.89 0.09 -4.12	41.17 0.00 -2.82	40.63 -0.11 -2.78	40.60 -0.19 -2.64	39.41 -0.24 -2.15	40.07 -0.34 -1.94
CARTHAGE___PAPER 23857	39.02 1.70 -1.13	36.68 1.44 -0.89	23.58 0.81 0.00	23.32 0.89 0.00	19.82 0.83 0.00	24.09 1.10 -0.01	35.72 1.81 -0.84	40.38 2.03 -1.33	27.05 1.05 -0.29	25.86 0.45 0.00	27.14 0.23 -0.19	30.60 0.21 -0.65	36.98 0.22 -1.28	39.17 0.13 -1.50	40.43 0.06 -1.73	38.00 -0.14 -1.48	46.20 0.17 -2.89	54.04 1.24 -4.24	53.18 1.86 -3.64	42.39 1.54 -2.49	41.96 1.34 -2.66	43.77 1.32 -4.30	40.93 0.88 -2.55	41.13 0.95 -1.72
CASSADAGA_WT_PWR 323784	37.46 0.51 -0.77	35.42 0.46 -0.61	22.95 0.18 0.00	22.68 0.25 0.00	19.21 0.21 0.00	23.20 0.22 -0.01	33.65 0.00 -0.58	38.66 0.64 -1.00	26.46 0.53 -0.22	25.87 0.47 0.00	27.85 0.98 -0.14	31.65 1.42 -0.49	38.29 1.85 -0.96	40.58 1.91 -1.14	42.27 2.31 -1.32	39.76 1.97 -1.12	47.76 2.42 -2.19	54.36 2.57 -3.22	52.77 2.33 -2.77	41.98 1.74 -1.89	41.50 1.67 -1.86	41.54 1.62 -1.77	40.89 1.95 -1.44	41.72 1.96 -1.30
CE_DUNWOOD___DRP 24194	37.70 1.51 0.00	35.68 1.33 0.00	23.67 0.89 0.00	23.24 0.81 0.00	19.67 0.61 -0.07	23.75 0.77 0.00	34.32 1.27 0.00	38.82 1.81 0.00	27.21 1.49 0.00	27.04 1.64 0.00	28.63 1.90 0.00	32.05 2.11 -0.20	39.64 2.48 -1.68	40.14 2.60 0.00	41.44 2.80 0.00	39.22 2.55 0.00	45.51 2.37 0.00	51.11 2.55 0.00	50.12 2.45 0.00	40.25 1.90 0.00	39.49 1.53 0.00	39.80 1.65 0.00	39.15 1.65 0.00	40.02 1.56 0.00
CE_MILLWOOD___DRP 24193	37.57 1.38 0.00	35.57 1.22 0.00	23.60 0.83 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.69 0.71 0.00	34.23 1.18 0.00	38.71 1.69 0.00	27.11 1.40 0.00	26.94 1.54 0.00	28.50 1.78 0.00	31.92 1.99 -0.20	39.48 2.33 -1.67	39.99 2.45 0.00	41.29 2.64 0.00	39.07 2.40 0.00	45.35 2.21 0.00	50.96 2.40 0.00	50.00 2.32 0.00	40.14 1.79 0.00	39.38 1.42 0.00	39.68 1.53 0.00	39.03 1.53 0.00	39.91 1.45 0.00
CE_NYC2_DRP 24202	37.98 1.79 0.00	35.92 1.57 0.00	23.86 1.08 0.00	23.41 0.97 0.00	19.79 0.73 -0.07	23.90 0.92 0.00	34.54 1.49 0.00	39.08 2.06 0.00	27.45 1.74 0.00	27.33 1.93 0.00	28.92 2.20 0.00	32.40 2.46 -0.20	40.07 2.91 -1.68	40.55 3.02 0.00	41.82 3.18 0.00	39.59 2.92 0.00	45.78 2.64 0.00	51.29 2.73 0.00	50.29 2.62 0.00	40.42 2.07 0.00	39.68 1.71 0.00	40.02 1.87 0.00	39.43 1.93 0.00	40.30 1.83 0.00
CE_NYC_DRP 24195	38.01 1.82 0.00	35.95 1.60 0.00	23.84 1.07 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.90 0.93 0.00	34.57 1.51 0.00	39.13 2.12 0.00	27.47 1.75 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.04 2.88 -1.68	40.57 3.03 0.00	41.88 3.23 0.00	39.61 2.94 0.00	45.90 2.76 0.00	51.45 2.88 0.00	50.46 2.78 0.00	40.52 2.17 0.00	39.75 1.79 0.00	40.11 1.95 0.00	39.47 1.97 0.00	40.32 1.86 0.00
CHAFFEE___LFGE 323603	37.07 0.11 -0.77	35.15 0.19 -0.61	22.84 0.07 0.00	22.68 0.25 0.00	19.21 0.21 0.00	23.24 0.26 -0.01	33.34 -0.30 -0.58	37.88 -0.14 -1.00	26.09 0.16 -0.22	25.61 0.21 0.00	27.48 0.62 -0.14	31.03 0.80 -0.49	37.49 1.05 -0.96	39.77 1.10 -1.14	41.21 1.25 -1.32	39.03 1.23 -1.12	46.98 1.65 -2.19	53.39 1.60 -3.22	51.97 1.52 -2.77	41.27 1.03 -1.89	40.82 0.99 -1.86	40.89 0.97 -1.77	40.37 1.43 -1.44	41.31 1.55 -1.30
CHATEAUG_35_KV_LOAD 355732	37.28 1.09 0.00	35.02 0.67 0.00	22.93 0.15 0.00	22.40 -0.04 0.00	19.36 0.37 0.00	23.44 0.46 0.00	33.75 0.69 0.00	37.40 0.39 0.00	26.02 0.31 0.00	25.94 0.54 0.00	27.29 0.57 0.00	30.24 0.50 0.00	35.57 0.09 0.00	37.17 -0.36 0.00	37.96 -0.69 0.00	35.96 -0.71 0.00	42.50 -0.63 0.00	47.91 -0.65 0.00	47.09 -0.59 0.00	37.57 -0.79 0.00	32.06 -0.94 4.96	-10.28 -1.00 47.43	22.89 -0.63 13.98	38.02 -0.44 0.00
CHATEAUG_WT_PWR 323614	37.23 1.04 0.00	34.97 0.62 0.00	22.91 0.13 0.00	22.38 -0.05 0.00	19.32 0.33 0.00	23.40 0.43 0.00	33.69 0.63 0.00	37.33 0.31 0.00	26.02 0.31 0.00	25.99 0.59 0.00	27.35 0.63 0.00	30.28 0.54 0.00	35.61 0.13 0.00	37.20 -0.34 0.00	37.98 -0.67 0.00	35.95 -0.72 0.00	42.47 -0.67 0.00	47.91 -0.65 0.00	47.04 -0.64 0.00	37.44 -0.92 0.00	32.21 -1.12 4.64	-7.29 -1.15 44.29	0.02 -0.74 36.74	37.89 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	37.28 1.09 0.00	35.02 0.67 0.00	22.93 0.15 0.00	22.40 -0.04 0.00	19.36 0.37 0.00	23.44 0.46 0.00	33.75 0.69 0.00	37.40 0.39 0.00	26.02 0.31 0.00	25.94 0.54 0.00	27.29 0.57 0.00	30.24 0.50 0.00	35.57 0.09 0.00	37.17 -0.36 0.00	37.96 -0.69 0.00	35.96 -0.71 0.00	42.50 -0.63 0.00	47.91 -0.65 0.00	47.09 -0.59 0.00	37.57 -0.79 0.00	32.06 -0.94 4.96	-10.28 -1.00 47.43	22.89 -0.63 13.98	38.02 -0.44 0.00
CHAUTAUQUA___LFGE 323629	37.16 0.20 -0.76	35.13 0.17 -0.60	22.80 0.03 0.00	22.61 0.18 0.00	19.14 0.15 0.00	23.13 0.15 -0.01	33.28 -0.36 -0.58	37.98 -0.04 -1.00	26.13 0.20 -0.22	25.55 0.15 0.00	27.46 0.59 -0.14	31.11 0.88 -0.49	37.64 1.21 -0.96	39.87 1.20 -1.14	41.55 1.59 -1.31	39.10 1.31 -1.12	47.00 1.68 -2.18	53.47 1.69 -3.21	52.13 1.69 -2.76	41.47 1.23 -1.88	41.02 1.20 -1.86	41.10 1.19 -1.76	40.50 1.56 -1.44	41.36 1.59 -1.30
CHERRYST_13_KV_LD 356241	38.13 1.94 0.00	36.06 1.71 0.00	23.91 1.14 0.00	23.48 1.05 0.00	19.87 0.81 -0.07	23.98 1.01 0.00	34.68 1.63 0.00	39.28 2.26 0.00	27.58 1.86 0.00	27.45 2.05 0.00	29.07 2.35 0.00	32.55 2.62 -0.20	40.20 3.04 -1.68	40.74 3.20 0.00	42.07 3.43 0.00	39.79 3.12 0.00	46.12 2.98 0.00	51.67 3.11 0.00	50.66 2.98 0.00	40.67 2.32 0.00	39.89 1.93 0.00	40.23 2.08 0.00	39.60 2.10 0.00	40.44 1.98 0.00

CHESTROR_138KV_BK263 355645	37.32 1.14 0.00	35.33 0.98 0.00	23.45 0.67 0.00	23.04 0.61 0.00	19.51 0.45 -0.06	23.55 0.57 0.00	34.01 0.96 0.00	38.45 1.43 0.00	26.90 1.19 0.00	26.70 1.30 0.00	28.21 1.49 0.00	31.57 1.65 -0.18	38.93 1.94 -1.51	39.57 2.04 0.00	40.88 2.24 0.00	38.70 2.03 0.00	45.00 1.86 0.00	50.66 2.10 0.00	49.72 2.04 0.00	39.91 1.55 0.00	39.17 1.21 0.00	39.44 1.29 0.00	38.80 1.29 0.00	39.67 1.21 0.00
CH_MIDHUDSON___DRP 24192	37.49 1.30 0.00	35.49 1.14 0.00	23.57 0.80 0.00	23.15 0.72 0.00	19.59 0.54 -0.06	23.65 0.68 0.00	34.18 1.12 0.00	38.62 1.60 0.00	27.00 1.29 0.00	26.78 1.38 0.00	28.30 1.57 0.00	31.66 1.72 -0.20	39.20 2.02 -1.71	39.21 2.19 0.51	41.05 2.40 0.00	38.88 2.21 0.00	45.24 2.10 0.00	50.86 2.30 0.00	49.92 2.25 0.00	40.10 1.75 0.00	39.35 1.39 0.00	39.60 1.45 0.00	38.91 1.41 0.00	39.79 1.32 0.00
CH_MISC_IPPS 23765	37.73 1.54 0.00	35.70 1.36 0.00	23.70 0.92 0.00	23.28 0.85 0.00	19.70 0.64 -0.06	23.79 0.82 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.22 1.51 0.00	27.03 1.63 0.00	28.56 1.84 0.00	31.96 2.03 -0.19	39.45 2.39 -1.59	39.51 2.50 0.53	41.36 2.72 0.00	39.20 2.53 0.00	45.62 2.48 0.00	51.31 2.74 0.00	50.36 2.69 0.00	40.44 2.08 0.00	39.67 1.71 0.00	39.92 1.77 0.00	39.22 1.71 0.00	40.08 1.61 0.00
CH_RES_BVR_FALLS 23983	36.32 0.13 0.00	34.46 0.10 0.00	22.78 0.01 0.00	22.41 -0.03 0.00	19.03 0.04 0.00	23.02 0.04 0.00	33.15 0.09 0.00	37.05 0.04 0.00	25.74 0.03 0.00	25.44 0.05 0.00	26.75 0.03 0.00	29.75 0.01 0.00	35.47 -0.01 0.00	37.49 -0.05 0.00	38.52 -0.12 0.00	36.53 -0.14 0.00	43.02 -0.12 0.00	48.35 -0.21 0.00	47.36 -0.32 0.00	38.00 -0.36 0.00	37.60 -0.36 0.00	37.71 -0.44 0.00	37.10 -0.40 0.00	38.17 -0.29 0.00
CH_RES_NIAGARA 23895	36.18 -0.75 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.79 -1.21 -0.98	25.35 -0.57 -0.21	24.94 -0.46 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.53 0.11 -0.94	38.75 0.10 -1.12	40.05 0.11 -1.29	37.93 0.17 -1.10	45.58 0.30 -2.14	51.74 0.03 -3.15	50.29 -0.09 -2.71	39.91 -0.30 -1.85	39.52 -0.27 -1.82	39.71 -0.17 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
CH_RES_SYRACUSE 23985	37.87 -0.13 -1.81	35.65 -0.14 -1.44	22.70 -0.07 0.00	22.40 -0.03 0.00	18.95 -0.04 0.00	22.95 -0.04 -0.01	34.38 -0.04 -1.36	39.24 0.03 -2.19	26.18 0.00 -0.47	25.30 -0.10 -0.01	26.95 -0.08 -0.30	30.77 -0.03 -1.06	37.58 0.02 -2.08	40.05 0.07 -2.45	41.67 0.20 -2.83	39.30 0.21 -2.41	48.19 0.34 -4.71	56.03 0.54 -6.93	54.21 0.58 -5.95	42.81 0.40 -4.06	42.24 0.27 -4.01	42.13 0.18 -3.81	40.71 0.11 -3.10	41.27 0.00 -2.81
CLINTON_WT_PWR 323605	37.23 1.04 0.00	34.97 0.62 0.00	22.91 0.13 0.00	22.38 -0.05 0.00	19.32 0.33 0.00	23.40 0.43 0.00	33.69 0.63 0.00	37.33 0.31 0.00	26.02 0.31 0.00	25.99 0.59 0.00	27.35 0.63 0.00	30.28 0.54 0.00	35.61 0.13 0.00	37.20 -0.34 0.00	37.98 -0.67 0.00	35.95 -0.72 0.00	42.47 -0.67 0.00	47.91 -0.65 0.00	47.04 -0.64 0.00	37.44 -0.92 0.00	32.21 -1.12 4.64	-7.29 -1.15 44.29	0.02 -0.74 36.74	37.89 -0.57 0.00
CLINTON___LFGE 323618	37.89 1.70 0.00	35.43 1.08 0.00	23.19 0.41 0.00	22.62 0.19 0.00	19.62 0.63 0.00	23.77 0.80 0.00	34.28 1.22 0.00	37.90 0.88 0.00	26.40 0.69 0.00	26.42 1.02 0.00	27.79 1.06 0.00	30.71 0.97 0.00	35.99 0.52 0.00	37.51 -0.03 0.00	38.22 -0.42 0.00	36.04 -0.63 0.00	42.58 -0.56 0.00	48.18 -0.38 0.00	47.46 -0.21 0.00	37.70 -0.66 0.00	32.17 -1.04 4.75	-8.32 -1.09 45.39	35.42 -0.52 1.57	38.17 -0.29 0.00
COBBLENY_34_KV_TB1 80064	37.06 0.11 -0.77	35.15 0.19 -0.61	22.84 0.07 0.00	22.68 0.24 0.00	19.21 0.21 0.00	23.24 0.26 -0.01	33.34 -0.30 -0.58	37.90 -0.12 -1.00	26.10 0.17 -0.22	25.60 0.20 0.00	27.48 0.61 -0.14	31.03 0.80 -0.49	37.49 1.05 -0.96	39.77 1.10 -1.14	41.27 1.31 -1.32	39.04 1.25 -1.12	47.01 1.68 -2.19	53.39 1.61 -3.22	51.97 1.53 -2.77	41.28 1.03 -1.89	40.82 0.99 -1.86	40.93 1.01 -1.77	40.37 1.43 -1.44	41.31 1.55 -1.30
COFFEEN___115KV_TB3 355620	39.34 1.80 -1.36	36.92 1.49 -1.08	23.63 0.85 0.00	23.39 0.95 0.00	19.87 0.88 0.00	24.17 1.18 -0.01	36.03 1.96 -1.02	40.87 2.25 -1.60	27.21 1.15 -0.35	25.83 0.42 0.00	27.10 0.15 -0.22	30.63 0.11 -0.78	37.14 0.13 -1.54	39.36 0.01 -1.81	40.69 -0.04 -2.09	38.14 -0.31 -1.78	46.62 0.01 -3.47	55.03 1.36 -5.11	54.30 2.24 -4.39	43.27 1.92 -3.00	42.76 1.66 -3.13	44.17 1.59 -4.43	41.40 1.07 -2.82	41.64 1.11 -2.07
COLDSPRG_115KV_BK1 355956	37.54 0.58 -0.77	35.52 0.55 -0.61	23.05 0.28 0.00	22.85 0.42 0.00	19.35 0.35 0.00	23.43 0.45 -0.01	34.10 0.46 -0.59	39.15 1.12 -1.01	26.82 0.89 -0.22	26.23 0.83 0.00	28.09 1.23 -0.14	31.86 1.63 -0.49	38.51 2.07 -0.97	40.80 2.12 -1.14	42.59 2.62 -1.33	40.01 2.21 -1.13	48.02 2.67 -2.20	54.65 2.85 -3.24	52.97 2.52 -2.78	42.09 1.83 -1.90	41.55 1.71 -1.87	41.61 1.68 -1.78	40.89 1.94 -1.45	41.75 1.97 -1.31
COLONIE_LFGE___ 323577	36.87 0.68 0.00	35.03 0.68 0.00	23.29 0.52 0.00	22.95 0.52 0.00	19.29 0.37 0.08	23.44 0.46 0.00	33.77 0.71 0.00	38.05 1.03 0.00	26.31 0.59 0.00	26.02 0.62 0.00	27.31 0.58 0.20	30.18 0.64 0.00	34.56 0.77 1.69	38.43 0.89 0.00	39.56 0.91 0.00	37.54 0.86 0.00	44.03 0.89 0.00	49.61 1.05 0.00	48.88 1.20 0.00	39.21 0.86 0.00	38.67 0.70 0.00	38.78 0.63 0.00	38.03 0.52 0.00	39.02 0.55 0.00
COOPERNY_115KV_TB1 80082	37.06 0.88 0.00	35.11 0.76 0.00	23.31 0.54 0.00	22.93 0.50 0.00	19.40 0.36 -0.05	23.42 0.44 0.00	33.82 0.74 -0.02	38.53 1.23 -0.28	26.80 1.03 -0.06	26.53 1.13 0.00	28.06 1.30 -0.04	31.46 1.44 -0.28	38.60 1.70 -1.43	39.36 1.71 -0.11	40.50 1.86 0.00	38.33 1.65 0.00	44.65 1.52 0.00	50.27 1.70 0.00	49.31 1.64 0.00	39.60 1.25 0.00	38.89 0.93 0.00	39.18 1.03 0.00	38.53 1.03 0.00	39.41 0.95 0.00
COPENHAGEN_WT_PWR 323753	39.01 1.41 -1.42	36.58 1.11 -1.12	23.37 0.59 0.00	23.16 0.73 0.00	19.68 0.68 0.00	23.92 0.94 -0.01	35.68 1.56 -1.06	40.48 1.79 -1.68	26.97 0.90 -0.36	25.69 0.28 0.00	27.02 0.06 -0.23	30.59 0.03 -0.81	37.11 0.03 -1.61	39.31 -0.12 -1.89	40.64 -0.18 -2.18	38.10 -0.43 -1.86	46.60 -0.17 -3.63	54.81 0.91 -5.34	53.78 1.52 -4.58	42.67 1.18 -3.13	42.16 0.95 -3.25	43.47 0.85 -4.47	40.72 0.32 -2.90	41.06 0.43 -2.16
CORNELL_____ 23752	37.90 0.52 -1.19	35.75 0.46 -0.95	23.08 0.31 0.00	22.80 0.37 0.00	19.28 0.28 0.00	23.35 0.37 -0.01	34.48 0.53 -0.89	39.21 0.76 -1.43	26.53 0.51 -0.31	25.64 0.24 0.00	27.12 0.20 -0.20	30.74 0.31 -0.69	37.29 0.43 -1.37	39.58 0.41 -1.63	41.23 0.69 -1.89	38.98 0.70 -1.61	47.28 0.99 -3.14	54.67 1.49 -4.62	53.33 1.68 -3.97	42.33 1.27 -2.71	41.78 1.14 -2.68	41.72 1.03 -2.54	40.52 0.94 -2.07	41.16 0.82 -1.87

CORONA V_69_KV_TB1 355595	37.94 1.75 0.00	35.94 1.59 0.00	23.82 1.05 0.00	23.35 0.92 0.00	19.76 0.70 -0.07	23.91 0.93 0.00	34.35 1.30 0.00	38.78 1.76 0.00	27.17 1.46 0.00	26.99 1.60 0.00	50.71 2.11 -21.88	52.54 2.28 -20.53	48.83 2.71 -10.64	54.79 2.75 -14.50	52.68 2.93 -11.11	49.60 2.70 -10.24	45.60 2.46 0.00	51.07 2.51 0.00	50.14 2.46 0.00	41.26 2.08 -0.84	39.59 1.62 0.00	41.34 1.74 -1.46	39.15 1.65 0.00	40.15 1.68 0.00
CORTLAND_115KV_TB3 80093	37.97 0.62 -1.16	35.82 0.55 -0.92	23.15 0.37 0.00	22.83 0.40 0.00	19.32 0.33 0.00	23.46 0.48 -0.01	34.71 0.78 -0.87	39.38 0.98 -1.39	26.59 0.58 -0.30	25.74 0.34 0.00	27.23 0.31 -0.19	30.82 0.40 -0.67	37.37 0.56 -1.33	39.76 0.67 -1.56	41.22 0.77 -1.80	39.03 0.83 -1.54	47.28 1.14 -3.00	54.65 1.67 -4.41	53.25 1.78 -3.79	42.36 1.41 -2.59	41.75 1.24 -2.55	41.68 1.10 -2.42	40.42 0.94 -1.97	41.08 0.83 -1.79
COXSACKIE__GT 23611	36.98 0.79 0.00	35.13 0.77 0.00	23.41 0.63 0.00	23.07 0.64 0.00	19.45 0.47 0.02	23.56 0.59 0.00	34.04 0.98 0.00	38.54 1.52 0.00	26.73 1.02 0.00	25.84 0.44 0.00	26.95 0.24 0.01	30.17 0.43 0.00	35.96 0.48 0.00	20.31 0.41 17.63	39.04 0.39 0.00	37.29 0.62 0.00	44.09 0.95 0.00	50.76 2.20 0.00	50.31 2.63 0.00	40.46 2.10 0.00	39.82 1.85 0.00	39.78 1.63 0.00	38.87 1.37 0.00	39.68 1.21 0.00
CPV_VALLEY__CC1 323721	37.07 0.88 0.00	35.10 0.75 0.00	23.31 0.53 0.00	22.91 0.48 0.00	19.39 0.34 -0.06	23.41 0.43 0.00	33.79 0.73 0.00	38.18 1.17 0.00	26.71 1.00 0.00	26.51 1.11 0.00	28.02 1.30 0.00	31.34 1.44 -0.17	38.56 1.69 -1.40	39.30 1.77 0.00	40.60 1.96 0.00	38.42 1.75 0.00	44.69 1.55 0.00	50.27 1.71 0.00	49.33 1.65 0.00	39.60 1.25 0.00	38.87 0.90 0.00	39.16 1.01 0.00	38.52 1.02 0.00	39.40 0.93 0.00
CPV_VALLEY__CC2 323722	37.07 0.88 0.00	35.10 0.75 0.00	23.31 0.53 0.00	22.91 0.48 0.00	19.39 0.34 -0.06	23.41 0.43 0.00	33.79 0.73 0.00	38.18 1.17 0.00	26.71 1.00 0.00	26.51 1.11 0.00	28.02 1.30 0.00	31.34 1.44 -0.17	38.56 1.69 -1.40	39.30 1.77 0.00	40.60 1.96 0.00	38.42 1.75 0.00	44.69 1.55 0.00	50.27 1.71 0.00	49.33 1.65 0.00	39.60 1.25 0.00	38.87 0.90 0.00	39.16 1.01 0.00	38.52 1.02 0.00	39.40 0.93 0.00
CRESCENT__HYD 24018	36.87 0.68 0.00	35.03 0.68 0.00	23.29 0.52 0.00	22.95 0.52 0.00	19.29 0.37 0.08	23.44 0.46 0.00	33.77 0.71 0.00	38.05 1.03 0.00	26.31 0.59 0.00	26.02 0.62 0.00	27.31 0.58 0.00	30.18 0.64 0.20	34.56 0.77 1.69	38.43 0.89 0.00	39.56 0.91 0.00	37.54 0.86 0.00	44.03 0.89 0.00	49.61 1.05 0.00	48.88 1.20 0.00	39.21 0.86 0.00	38.67 0.70 0.00	38.78 0.63 0.00	38.03 0.52 0.00	39.02 0.55 0.00
CRICKET__VALLEY_CC1 323756	36.92 0.73 0.00	34.97 0.62 0.00	23.23 0.46 0.00	22.81 0.38 0.00	18.27 0.24 0.97	23.33 0.35 0.00	33.71 0.66 0.00	38.09 1.07 0.00	26.68 0.96 0.00	26.45 1.06 0.00	27.91 1.19 0.00	28.51 1.26 2.49	15.85 1.46 21.09	39.12 1.58 0.00	40.42 1.77 0.00	38.28 1.61 0.00	44.55 1.41 0.00	50.09 1.52 0.00	49.19 1.51 0.00	39.53 1.17 0.00	38.78 0.81 0.00	38.98 0.83 0.00	38.28 0.78 0.00	39.17 0.70 0.00
CRICKET__VALLEY_CC2 323757	36.92 0.73 0.00	34.97 0.62 0.00	23.23 0.46 0.00	22.81 0.38 0.00	18.27 0.24 0.97	23.33 0.35 0.00	33.71 0.66 0.00	38.09 1.07 0.00	26.68 0.96 0.00	26.45 1.06 0.00	27.91 1.19 0.00	28.51 1.26 2.49	15.85 1.46 21.09	39.12 1.58 0.00	40.42 1.77 0.00	38.28 1.61 0.00	44.55 1.41 0.00	50.09 1.52 0.00	49.19 1.51 0.00	39.53 1.17 0.00	38.78 0.81 0.00	38.98 0.83 0.00	38.28 0.78 0.00	39.17 0.70 0.00
CRICKET__VALLEY_CC3 323758	36.92 0.73 0.00	34.97 0.62 0.00	23.23 0.46 0.00	22.81 0.38 0.00	18.27 0.24 0.97	23.33 0.35 0.00	33.71 0.66 0.00	38.09 1.07 0.00	26.68 0.96 0.00	26.45 1.06 0.00	27.91 1.19 0.00	28.51 1.26 2.49	15.85 1.46 21.09	39.12 1.58 0.00	40.42 1.77 0.00	38.28 1.61 0.00	44.55 1.41 0.00	50.09 1.52 0.00	49.19 1.51 0.00	39.53 1.17 0.00	38.78 0.81 0.00	38.98 0.83 0.00	38.28 0.78 0.00	39.17 0.70 0.00
CRUCIBLE_METL_DRP 24180	37.87 -0.13 -1.81	35.65 -0.14 -1.44	22.70 -0.07 0.00	22.40 -0.03 0.00	18.95 -0.05 0.00	22.95 -0.04 -0.01	34.38 -0.04 -1.36	39.24 0.03 -2.19	26.18 0.00 -0.47	25.30 -0.11 -0.01	26.95 -0.08 -0.30	30.76 -0.03 -1.06	37.58 0.02 -2.08	40.05 0.07 -2.45	41.67 0.20 -2.83	39.30 0.21 -2.41	48.19 0.34 -4.71	56.03 0.54 -6.93	54.21 0.58 -5.95	42.81 0.39 -4.06	42.24 0.27 -4.01	42.14 0.18 -3.81	40.71 0.11 -3.10	41.27 0.00 -2.81
DAHOWA__HYDRO 323763	37.49 1.30 0.00	35.51 1.16 0.00	23.57 0.80 0.00	23.23 0.80 0.00	19.58 0.64 0.06	23.80 0.82 0.00	34.39 1.33 0.00	38.72 1.71 0.00	26.64 0.93 0.00	26.26 0.86 0.00	27.47 0.75 0.00	30.36 0.79 0.16	35.08 0.98 1.38	38.74 1.20 0.00	39.89 1.24 0.00	37.89 1.22 0.00	44.65 1.51 0.00	50.54 1.98 0.00	49.97 2.29 0.00	40.10 1.74 0.00	39.52 1.55 0.00	39.52 1.36 0.00	38.67 1.17 0.00	39.66 1.20 0.00
DANC__LFGE 323619	38.60 0.67 -1.75	36.22 0.48 -1.39	23.02 0.24 0.00	22.77 0.33 0.00	19.32 0.32 0.00	23.46 0.47 -0.01	35.18 0.81 -1.31	40.05 0.96 -2.07	26.59 0.43 -0.45	25.41 0.01 -0.01	26.87 -0.14 -0.29	30.57 -0.18 -1.01	37.26 -0.21 -1.99	39.57 -0.30 -2.34	41.01 -0.33 -2.70	38.48 -0.49 -2.30	47.30 -0.33 -4.49	55.55 0.39 -6.60	54.17 0.82 -5.67	42.87 0.64 -3.87	42.36 0.47 -3.93	43.25 0.44 -4.66	40.88 0.08 -3.30	41.24 0.10 -2.68
DANSKAMMER__1 23586	37.73 1.54 0.00	35.70 1.36 0.00	23.70 0.92 0.00	23.28 0.85 0.00	19.70 0.64 -0.06	23.79 0.82 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.22 1.51 0.00	27.03 1.63 0.00	28.56 1.84 0.00	31.96 2.03 -0.19	39.45 2.39 -1.59	39.51 2.50 0.53	41.36 2.72 0.00	39.20 2.53 0.00	45.62 2.48 0.00	51.31 2.74 0.00	50.36 2.69 0.00	40.44 2.08 0.00	39.67 1.71 0.00	39.92 1.77 0.00	39.22 1.71 0.00	40.08 1.61 0.00
DANSKAMMER__2 23589	37.73 1.54 0.00	35.70 1.36 0.00	23.70 0.92 0.00	23.28 0.85 0.00	19.70 0.64 -0.06	23.79 0.82 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.22 1.51 0.00	27.03 1.63 0.00	28.56 1.84 0.00	31.96 2.03 -0.19	39.45 2.39 -1.59	39.51 2.50 0.53	41.36 2.72 0.00	39.20 2.53 0.00	45.62 2.48 0.00	51.31 2.74 0.00	50.36 2.69 0.00	40.44 2.08 0.00	39.67 1.71 0.00	39.92 1.77 0.00	39.22 1.71 0.00	40.08 1.61 0.00
DANSKAMMER__3 23590	37.73 1.54 0.00	35.70 1.36 0.00	23.70 0.92 0.00	23.28 0.85 0.00	19.70 0.64 -0.06	23.79 0.82 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.22 1.51 0.00	27.03 1.63 0.00	28.56 1.84 0.00	31.96 2.03 -0.19	39.45 2.39 -1.59	39.51 2.50 0.53	41.36 2.72 0.00	39.20 2.53 0.00	45.62 2.48 0.00	51.31 2.74 0.00	50.36 2.69 0.00	40.44 2.08 0.00	39.67 1.71 0.00	39.92 1.77 0.00	39.22 1.71 0.00	40.08 1.61 0.00

DANSKAMMER___4 23591	37.73 1.54 0.00	35.70 1.36 0.00	23.70 0.92 0.00	23.28 0.85 0.00	19.70 0.64 -0.06	23.79 0.82 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.22 1.51 0.00	27.03 1.63 0.00	28.56 1.84 0.00	31.96 2.03 -0.19	39.45 2.39 -1.59	39.51 2.50 0.53	41.36 2.72 0.00	39.20 2.53 0.00	45.62 2.48 0.00	51.31 2.74 0.00	50.36 2.69 0.00	40.44 2.08 0.00	39.67 1.71 0.00	39.92 1.77 0.00	39.22 1.71 0.00	40.08 1.61 0.00
DANSKAMMER___DIESEL 23592	37.73 1.54 0.00	35.70 1.35 0.00	23.70 0.92 0.00	23.28 0.85 0.00	19.70 0.64 -0.06	23.79 0.82 0.00	34.39 1.33 0.00	38.87 1.85 0.00	27.21 1.50 0.00	27.03 1.63 0.00	28.56 1.84 0.00	31.96 2.03 -0.19	39.45 2.39 -1.59	39.51 2.51 0.53	41.35 2.70 0.00	39.20 2.53 0.00	45.61 2.47 0.00	51.31 2.75 0.00	50.36 2.68 0.00	40.44 2.09 0.00	39.67 1.71 0.00	39.92 1.77 0.00	39.22 1.72 0.00	40.08 1.61 0.00
DARBY___SOLAR 323810	37.35 1.16 0.00	35.40 1.05 0.00	23.50 0.73 0.00	23.16 0.73 0.00	19.51 0.58 0.06	23.72 0.75 0.00	34.23 1.18 0.00	38.54 1.53 0.00	26.54 0.83 0.00	26.18 0.78 0.00	27.40 0.67 0.00	30.26 0.69 0.17	34.91 0.87 1.43	38.61 1.07 0.00	39.74 1.10 0.00	37.76 1.09 0.00	44.48 1.34 0.00	50.31 1.75 0.00	49.69 2.01 0.00	39.88 1.52 0.00	39.30 1.34 0.00	39.34 1.19 0.00	38.52 1.02 0.00	39.51 1.04 0.00
DASHVILLE___HYD 23610	37.32 1.14 0.00	35.35 1.00 0.00	23.48 0.71 0.00	23.07 0.64 0.00	19.50 0.47 -0.04	23.55 0.58 0.00	34.01 0.96 0.00	38.47 1.45 0.00	26.96 1.25 0.00	26.76 1.36 0.00	28.27 1.56 0.00	31.61 1.74 -0.12	38.59 2.07 -1.05	35.25 2.01 4.30	40.83 2.19 0.00	38.70 2.03 0.00	45.06 1.92 0.00	50.69 2.13 0.00	49.75 2.07 0.00	39.97 1.62 0.00	39.25 1.28 0.00	39.51 1.36 0.00	38.84 1.34 0.00	39.69 1.23 0.00
DELAWARE___LFGE 323621	37.40 0.74 -0.48	35.44 0.71 -0.38	23.29 0.52 0.00	22.94 0.50 0.00	19.39 0.39 0.00	23.41 0.43 0.00	34.11 0.69 -0.36	38.52 0.94 -0.55	26.54 0.71 -0.12	26.10 0.70 0.00	27.61 0.81 -0.08	30.97 0.92 -0.31	37.48 1.11 -0.88	39.40 1.21 -0.65	40.79 1.39 -0.76	38.61 1.28 -0.65	45.78 1.37 -1.27	52.05 1.62 -1.87	50.79 1.50 -1.61	40.57 1.12 -1.10	40.02 0.97 -1.08	40.19 1.00 -1.03	39.30 0.96 -0.84	40.12 0.89 -0.76
DERFIELD_115KV_TB7 355931	36.22 0.04 0.00	34.39 0.04 0.00	22.84 0.07 0.00	22.50 0.07 0.00	19.03 0.04 0.00	23.01 0.03 0.00	33.12 0.07 0.00	37.17 0.15 0.00	25.80 0.09 0.00	25.47 0.08 0.00	26.80 0.08 0.00	29.83 0.09 0.00	35.58 0.11 0.00	37.67 0.13 0.00	38.81 0.16 0.00	36.83 0.16 0.00	43.27 0.13 0.00	48.78 0.22 0.00	47.91 0.24 0.00	38.51 0.15 0.00	38.04 0.08 0.00	38.22 0.07 0.00	37.54 0.03 0.00	38.47 0.00 0.00
DOGLEVILLE___HYD 23807	36.48 0.29 0.00	34.73 0.38 0.00	23.27 0.49 0.00	22.95 0.51 0.00	19.29 0.30 0.00	23.35 0.38 0.00	33.84 0.78 0.00	38.26 1.24 0.00	26.19 0.48 0.00	25.24 -0.16 0.00	26.33 -0.39 0.00	29.33 -0.41 0.00	35.14 -0.33 0.00	37.21 -0.33 0.00	38.38 -0.27 0.00	36.51 -0.16 0.00	43.25 0.11 0.00	49.64 1.08 0.00	49.39 1.71 0.00	39.60 1.25 0.00	38.87 0.90 0.00	38.98 0.83 0.00	38.06 0.56 0.00	38.82 0.36 0.00
DUNKIRK___115KV_TB_200 55889	37.11 0.15 -0.76	35.07 0.11 -0.60	22.77 -0.01 0.00	22.59 0.16 0.00	19.13 0.13 0.00	23.11 0.13 -0.01	33.23 -0.40 -0.58	37.91 -0.11 -1.00	26.09 0.16 -0.22	25.51 0.11 0.00	27.42 0.55 -0.14	31.04 0.81 -0.49	37.55 1.12 -0.96	39.79 1.11 -1.13	41.50 1.54 -1.31	39.03 1.24 -1.12	46.93 1.61 -2.18	53.37 1.60 -3.21	52.05 1.61 -2.76	41.38 1.14 -1.88	40.94 1.12 -1.86	41.05 1.14 -1.76	40.42 1.48 -1.44	41.29 1.53 -1.30
DUNKIRK___1 23563	37.11 0.15 -0.76	35.07 0.11 -0.60	22.77 -0.01 0.00	22.59 0.16 0.00	19.13 0.13 0.00	23.11 0.13 -0.01	33.23 -0.40 -0.58	37.91 -0.11 -1.00	26.09 0.16 -0.22	25.51 0.11 0.00	27.42 0.55 -0.14	31.04 0.81 -0.49	37.55 1.12 -0.96	39.79 1.11 -1.13	41.50 1.54 -1.31	39.03 1.24 -1.12	46.93 1.61 -2.18	53.37 1.60 -3.21	52.05 1.61 -2.76	41.38 1.14 -1.88	40.94 1.12 -1.86	41.05 1.14 -1.76	40.42 1.48 -1.44	41.29 1.53 -1.30
DUNKIRK___2 23564	37.11 0.15 -0.76	35.07 0.11 -0.60	22.77 -0.01 0.00	22.59 0.16 0.00	19.13 0.13 0.00	23.11 0.13 -0.01	33.23 -0.40 -0.58	37.91 -0.11 -1.00	26.09 0.16 -0.22	25.51 0.11 0.00	27.42 0.55 -0.14	31.04 0.81 -0.49	37.55 1.12 -0.96	39.79 1.11 -1.13	41.50 1.54 -1.31	39.03 1.24 -1.12	46.93 1.61 -2.18	53.37 1.60 -3.21	52.05 1.61 -2.76	41.38 1.14 -1.88	40.94 1.12 -1.86	41.05 1.14 -1.76	40.42 1.48 -1.44	41.29 1.53 -1.30
DUNKIRK___3 23565	36.97 0.02 -0.76	34.97 0.02 -0.60	22.71 -0.07 0.00	22.55 0.11 0.00	19.09 0.09 0.00	23.07 0.09 -0.01	33.16 -0.48 -0.58	37.77 -0.25 -1.00	26.01 0.08 -0.22	25.45 0.05 0.00	27.33 0.47 -0.14	30.92 0.69 -0.48	37.40 0.97 -0.96	39.63 0.96 -1.13	41.30 1.34 -1.31	38.88 1.09 -1.12	46.74 1.43 -2.18	53.13 1.36 -3.21	51.79 1.36 -2.76	41.14 0.91 -1.88	40.69 0.87 -1.86	40.81 0.90 -1.76	40.22 1.28 -1.44	41.12 1.36 -1.30
DUNKIRK___4 23566	36.97 0.02 -0.76	34.97 0.02 -0.60	22.71 -0.07 0.00	22.55 0.11 0.00	19.09 0.09 0.00	23.07 0.09 -0.01	33.16 -0.48 -0.58	37.77 -0.25 -1.00	26.01 0.08 -0.22	25.45 0.05 0.00	27.33 0.47 -0.14	30.92 0.69 -0.48	37.40 0.97 -0.96	39.63 0.96 -1.13	41.30 1.34 -1.31	38.88 1.09 -1.12	46.74 1.43 -2.18	53.13 1.36 -3.21	51.79 1.36 -2.76	41.14 0.91 -1.88	40.69 0.87 -1.86	40.81 0.90 -1.76	40.22 1.28 -1.44	41.12 1.36 -1.30
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.81 1.62 0.00	35.77 1.42 0.00	23.73 0.96 0.00	23.31 0.87 0.00	19.72 0.66 -0.07	23.81 0.84 0.00	34.40 1.34 0.00	38.91 1.89 0.00	27.27 1.56 0.00	27.12 1.72 0.00	28.71 1.99 0.00	32.15 2.22 -0.20	39.75 2.59 -1.68	40.25 2.71 0.00	41.56 2.91 0.00	39.32 2.65 0.00	45.61 2.47 0.00	51.20 2.63 0.00	50.22 2.54 0.00	40.34 1.98 0.00	39.57 1.61 0.00	39.89 1.73 0.00	39.24 1.74 0.00	40.12 1.66 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.52 1.33 0.00	35.51 1.16 0.00	23.56 0.79 0.00	23.15 0.72 0.00	19.59 0.54 -0.06	23.66 0.68 0.00	34.19 1.13 0.00	38.65 1.63 0.00	27.06 1.34 0.00	26.88 1.48 0.00	28.40 1.68 0.00	31.77 1.86 -0.18	39.16 2.18 -1.50	39.23 2.26 0.57	41.10 2.45 0.00	38.94 2.27 0.00	45.29 2.15 0.00	50.96 2.40 0.00	50.03 2.35 0.00	40.17 1.82 0.00	39.40 1.44 0.00	39.68 1.52 0.00	39.01 1.51 0.00	39.87 1.40 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.98 1.80 0.00	35.93 1.58 0.00	23.87 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.89 0.92 0.00	34.57 1.51 0.00	39.10 2.08 0.00	27.44 1.73 0.00	27.28 1.88 0.00	28.86 2.14 0.00	32.32 2.38 -0.20	39.99 2.83 -1.68	40.52 2.98 0.00	41.80 3.16 0.00	39.56 2.89 0.00	45.76 2.62 0.00	51.30 2.73 0.00	50.30 2.62 0.00	40.45 2.10 0.00	39.68 1.72 0.00	40.05 1.90 0.00	39.45 1.95 0.00	40.31 1.84 0.00

E179THST_13_KV_LOAD 356214	38.18 1.99 0.00	36.11 1.76 0.00	23.98 1.21 0.00	23.51 1.08 0.00	19.89 0.83 -0.07	24.00 1.02 0.00	34.73 1.67 0.00	39.29 2.27 0.00	27.58 1.86 0.00	27.42 2.02 0.00	29.00 2.28 0.00	32.49 2.56 -0.20	40.19 3.04 -1.68	40.74 3.20 0.00	42.04 3.39 0.00	39.78 3.11 0.00	46.01 2.87 0.00	51.58 3.01 0.00	50.58 2.90 0.00	40.68 2.33 0.00	39.90 1.94 0.00	40.26 2.11 0.00	39.67 2.17 0.00	40.50 2.04 0.00
EAST HAMPTON___GT 23717	37.11 0.92 0.00	34.80 0.45 0.00	23.53 0.76 0.00	22.97 0.54 0.00	19.13 0.06 -0.07	23.32 0.35 0.00	33.56 0.50 0.00	38.12 1.10 0.00	27.05 1.34 0.00	26.97 1.57 0.00	41.08 2.14 -12.22	43.78 2.49 -11.55	45.13 2.96 -6.69	48.79 3.15 -8.10	48.11 3.26 -6.20	45.84 3.45 -5.72	46.37 3.23 0.00	51.61 3.05 0.00	50.74 3.06 0.00	41.50 2.68 -0.47	40.14 2.17 0.00	41.14 2.17 -0.81	39.62 2.12 0.00	40.46 1.99 0.00
EAST RIVER___6 23660	38.09 1.90 0.00	36.02 1.67 0.00	23.89 1.11 0.00	23.45 1.02 0.00	19.85 0.79 -0.07	23.93 0.95 0.00	34.60 1.55 0.00	39.17 2.15 0.00	27.51 1.80 0.00	27.39 2.00 0.00	29.01 2.29 0.00	32.50 2.56 -0.20	40.12 2.97 -1.68	40.66 3.12 0.00	41.98 3.34 0.00	39.71 3.04 0.00	46.00 2.86 0.00	51.52 2.96 0.00	50.54 2.86 0.00	40.62 2.26 0.00	39.83 1.87 0.00	40.20 2.05 0.00	39.54 2.03 0.00	40.39 1.93 0.00
EAST RIVER___7 23524	38.09 1.90 0.00	36.02 1.67 0.00	23.89 1.11 0.00	23.45 1.02 0.00	19.85 0.79 -0.07	23.93 0.95 0.00	34.60 1.55 0.00	39.17 2.15 0.00	27.51 1.80 0.00	27.39 2.00 0.00	29.01 2.29 0.00	32.50 2.56 -0.20	40.12 2.97 -1.68	40.66 3.12 0.00	41.98 3.34 0.00	39.71 3.04 0.00	46.00 2.86 0.00	51.52 2.96 0.00	50.54 2.86 0.00	40.62 2.26 0.00	39.83 1.87 0.00	40.20 2.05 0.00	39.54 2.03 0.00	40.39 1.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.70 1.51 0.00	35.68 1.33 0.00	23.67 0.89 0.00	23.24 0.81 0.00	19.67 0.61 -0.07	23.75 0.77 0.00	34.32 1.27 0.00	38.82 1.81 0.00	27.21 1.49 0.00	27.04 1.64 0.00	28.63 1.90 0.00	32.05 2.11 -0.20	39.64 2.48 -1.68	40.14 2.60 0.00	41.44 2.80 0.00	39.22 2.55 0.00	45.51 2.37 0.00	51.11 2.55 0.00	50.12 2.45 0.00	40.25 1.90 0.00	39.49 1.53 0.00	39.80 1.65 0.00	39.15 1.65 0.00	40.02 1.56 0.00
EAST_HAMPTON___DIESEL 23722	37.05 0.86 0.00	34.71 0.36 0.00	23.50 0.73 0.00	22.94 0.50 0.00	19.08 0.01 -0.07	23.26 0.29 0.00	33.49 0.43 0.00	38.05 1.03 0.00	27.01 1.30 0.00	26.95 1.55 0.00	41.05 2.11 -12.22	43.77 2.48 -11.55	45.11 2.95 -6.69	48.78 3.15 -8.10	48.12 3.28 -6.20	45.84 3.45 -5.72	46.38 3.24 0.00	51.61 3.05 0.00	50.74 3.06 0.00	41.50 2.68 -0.47	40.14 2.17 0.00	41.14 2.18 -0.81	39.64 2.13 0.00	40.46 2.00 0.00
EAST_POINT___SOLAR 323840	38.05 1.86 0.00	36.08 1.73 0.00	23.91 1.13 0.00	23.53 1.10 0.00	19.92 0.95 0.03	24.21 1.23 0.00	35.07 2.01 0.00	39.19 2.18 0.00	26.26 0.54 0.00	25.24 -0.15 0.00	26.40 -0.32 0.00	29.51 -0.14 0.09	34.80 0.08 0.75	37.88 0.35 0.00	38.97 0.33 0.00	37.23 0.56 0.00	44.65 1.51 0.00	51.33 2.77 0.00	51.06 3.38 0.00	41.14 2.78 0.00	40.57 2.61 0.00	40.60 2.45 0.00	39.79 2.29 0.00	40.67 2.20 0.00
EAST_PULASKI___ESR 323781	38.58 -0.04 -2.43	36.17 -0.11 -1.93	22.68 -0.09 0.00	22.39 -0.04 0.00	18.97 -0.03 0.00	23.00 0.01 -0.02	34.95 0.06 -1.82	40.05 0.16 -2.88	26.33 -0.01 -0.62	25.15 -0.26 -0.01	26.78 -0.34 -0.40	30.76 -0.38 -1.39	37.82 -0.42 -2.76	40.32 -0.46 -3.24	41.94 -0.44 -3.74	39.37 -0.49 -3.19	48.95 -0.42 -6.23	57.65 -0.07 -9.16	55.76 0.22 -7.87	43.89 0.16 -5.37	43.30 0.04 -5.30	43.22 0.04 -5.03	41.45 -0.15 -4.10	41.96 -0.22 -3.71
EAST_RIVER___1 323558	38.02 1.83 0.00	35.96 1.61 0.00	23.84 1.07 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.90 0.93 0.00	34.57 1.51 0.00	39.14 2.12 0.00	27.47 1.75 0.00	27.34 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.03 2.87 -1.68	40.57 3.03 0.00	41.89 3.25 0.00	39.62 2.95 0.00	45.91 2.77 0.00	51.45 2.89 0.00	50.46 2.78 0.00	40.52 2.17 0.00	39.75 1.79 0.00	40.12 1.97 0.00	39.47 1.97 0.00	40.32 1.86 0.00
EAST_RIVER___2 323559	38.09 1.90 0.00	36.02 1.67 0.00	23.89 1.11 0.00	23.45 1.02 0.00	19.85 0.79 -0.07	23.93 0.95 0.00	34.60 1.55 0.00	39.17 2.15 0.00	27.51 1.80 0.00	27.39 2.00 0.00	29.01 2.29 0.00	32.50 2.56 -0.20	40.12 2.97 -1.68	40.66 3.12 0.00	41.98 3.34 0.00	39.71 3.04 0.00	46.00 2.86 0.00	51.52 2.96 0.00	50.54 2.86 0.00	40.62 2.26 0.00	39.83 1.87 0.00	40.20 2.05 0.00	39.54 2.03 0.00	40.39 1.93 0.00
EAST___DELAWARE_HYD 23607	36.69 0.50 0.00	34.70 0.35 0.00	23.04 0.26 0.00	22.62 0.19 0.00	19.14 0.10 -0.05	23.13 0.15 0.00	33.46 0.40 0.00	37.89 0.87 0.00	26.50 0.79 0.00	26.27 0.87 0.00	27.74 1.02 0.00	30.96 1.07 -0.15	37.92 1.21 -1.23	37.33 1.23 1.44	40.08 1.43 0.00	37.93 1.26 0.00	44.31 1.17 0.00	49.96 1.39 0.00	49.05 1.37 0.00	39.43 1.08 0.00	38.66 0.69 0.00	38.91 0.75 0.00	38.21 0.71 0.00	39.00 0.54 0.00
EIGHT_POINT___WT_PWR 323820	37.31 0.20 -0.92	35.35 0.27 -0.73	22.88 0.10 0.00	22.68 0.25 0.00	19.12 0.13 0.00	22.95 -0.03 -0.01	33.09 -0.66 -0.69	37.62 -0.54 -1.15	25.85 -0.11 -0.25	25.29 -0.11 0.00	27.03 0.15 -0.16	30.63 0.33 -0.56	37.17 0.59 -1.10	39.40 0.56 -1.30	41.17 1.02 -1.51	38.89 0.93 -1.29	47.10 1.45 -2.51	53.90 1.64 -3.70	52.56 1.71 -3.18	41.84 1.31 -2.17	41.30 1.20 -2.14	41.31 1.13 -2.03	40.46 1.30 -1.66	41.25 1.29 -1.50
ELBRIDGE_115KV_TB2 80188	37.78 -0.29 -1.88	35.57 -0.27 -1.49	22.61 -0.16 0.00	22.32 -0.11 0.00	18.88 -0.12 0.00	22.84 -0.15 -0.01	34.25 -0.22 -1.41	39.15 -0.15 -2.28	26.10 -0.11 -0.49	25.19 -0.22 -0.01	26.84 -0.20 -0.32	30.67 -0.18 -1.11	37.52 -0.16 -2.20	39.97 -0.15 -2.59	41.63 0.00 -2.98	39.24 0.02 -2.55	48.15 0.04 -4.97	56.04 0.17 -7.31	54.22 0.26 -6.28	42.75 0.11 -4.29	42.21 0.02 -4.23	42.10 -0.07 -4.01	40.66 -0.11 -3.27	41.21 -0.21 -2.96
ELEC_TRO_TEK 24086	37.71 1.53 0.00	35.72 1.36 0.00	23.68 0.91 0.00	23.22 0.78 0.00	19.64 0.58 -0.07	23.76 0.79 0.00	34.16 1.10 0.00	38.58 1.57 0.00	27.05 1.34 0.00	26.89 1.49 0.00	50.28 1.97 -21.58	52.12 2.13 -20.25	48.53 2.54 -10.52	54.38 2.53 -14.31	52.32 2.72 -10.96	49.26 2.49 -10.10	45.34 2.20 0.00	50.79 2.23 0.00	49.85 2.17 0.00	40.98 1.80 -0.83	39.31 1.34 0.00	41.06 1.48 -1.44	38.95 1.45 0.00	39.94 1.47 0.00
ELLENBURG_WT_PWR 323604	37.23 1.04 0.00	34.97 0.62 0.00	22.91 0.13 0.00	22.38 -0.05 0.00	19.32 0.33 0.00	23.40 0.43 0.00	33.69 0.63 0.00	37.33 0.31 0.00	26.02 0.31 0.00	25.99 0.59 0.00	27.35 0.63 0.00	30.28 0.54 0.00	35.61 0.13 0.00	37.20 -0.34 0.00	37.98 -0.67 0.00	35.95 -0.72 0.00	42.47 -0.67 0.00	47.91 -0.65 0.00	47.04 -0.64 0.00	37.44 -0.92 0.00	32.21 -1.12 4.64	-7.29 -1.15 44.29	0.02 -0.74 36.74	37.89 -0.57 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.84 -0.10 -0.75	34.96 0.02 -0.60	22.72 -0.05 0.00	22.56 0.12 0.00	19.11 0.12 0.00	23.11 0.13 -0.01	33.08 -0.55 -0.57	37.56 -0.45 -0.99	25.87 -0.05 -0.21	25.41 0.01 0.00	27.30 0.44 -0.14	30.83 0.61 -0.48	37.25 0.82 -0.95	39.51 0.85 -1.12	40.96 1.02 -1.30	38.74 0.96 -1.11	46.58 1.28 -2.16	52.89 1.15 -3.18	51.47 1.07 -2.73	40.85 0.63 -1.86	40.41 0.60 -1.84	40.55 0.65 -1.75	40.08 1.15 -1.42	41.08 1.33 -1.29
EMPIRE_CC_1 323656	36.22 0.03 0.00	34.46 0.11 0.00	22.96 0.19 0.00	22.67 0.24 0.00	19.00 0.09 0.08	23.06 0.08 0.00	33.16 0.10 0.00	37.35 0.33 0.00	25.89 0.18 0.00	25.65 0.25 0.00	26.94 0.22 0.00	29.76 0.23 0.21	33.96 0.26 1.78	37.82 0.28 0.00	38.92 0.28 0.00	36.90 0.23 0.00	43.13 -0.01 0.00	48.52 -0.05 0.00	47.75 0.07 0.00	38.31 -0.04 0.00	37.80 -0.16 0.00	37.97 -0.18 0.00	37.30 -0.21 0.00	38.31 -0.15 0.00
EMPIRE_CC_2 323658	36.22 0.03 0.00	34.46 0.11 0.00	22.96 0.19 0.00	22.67 0.24 0.00	19.00 0.09 0.08	23.06 0.08 0.00	33.16 0.10 0.00	37.35 0.33 0.00	25.89 0.18 0.00	25.65 0.25 0.00	26.94 0.22 0.00	29.76 0.23 0.21	33.96 0.26 1.78	37.82 0.28 0.00	38.92 0.28 0.00	36.90 0.23 0.00	43.13 -0.01 0.00	48.52 -0.05 0.00	47.75 0.07 0.00	38.31 -0.04 0.00	37.80 -0.16 0.00	37.97 -0.18 0.00	37.30 -0.21 0.00	38.31 -0.15 0.00
ENORWICH_115KV_TB1 80156	38.94 1.83 -0.92	36.79 1.70 -0.73	23.84 1.07 0.00	23.58 1.15 0.00	19.96 0.96 0.00	24.24 1.26 -0.01	35.77 2.02 -0.69	40.51 2.46 -1.04	27.49 1.56 -0.22	26.61 1.20 0.00	28.00 1.13 -0.15	31.70 1.41 -0.55	38.58 1.73 -1.36	40.47 1.69 -1.24	42.20 2.09 -1.46	39.93 2.01 -1.25	48.39 2.81 -2.44	55.97 3.81 -3.59	54.85 4.08 -3.09	43.61 3.15 -2.11	43.03 2.99 -2.08	42.96 2.84 -1.97	41.68 2.57 -1.61	42.33 2.41 -1.46
ERIE_ST__34_KV_TB1-2 80199	36.92 -0.03 -0.76	35.00 0.04 -0.60	22.75 -0.03 0.00	22.58 0.15 0.00	19.13 0.14 0.00	23.14 0.16 -0.01	33.24 -0.40 -0.58	37.80 -0.21 -1.00	26.04 0.11 -0.22	25.57 0.17 0.00	27.44 0.57 -0.14	30.98 0.76 -0.49	37.44 1.01 -0.96	39.72 1.05 -1.13	41.25 1.30 -1.31	38.99 1.20 -1.12	46.92 1.60 -2.18	53.31 1.54 -3.21	51.90 1.47 -2.76	41.16 0.92 -1.88	40.68 0.85 -1.86	40.80 0.88 -1.76	40.24 1.30 -1.44	41.19 1.42 -1.30
ERIE_WT_PWR 323693	37.01 0.06 -0.76	35.11 0.16 -0.60	22.82 0.05 0.00	22.66 0.23 0.00	19.19 0.20 0.00	23.21 0.23 -0.01	33.23 -0.41 -0.58	37.75 -0.26 -1.00	26.00 0.07 -0.22	25.54 0.14 0.00	27.42 0.56 -0.14	30.96 0.74 -0.48	37.41 0.98 -0.96	39.69 1.02 -1.13	41.12 1.17 -1.31	38.93 1.15 -1.12	46.84 1.52 -2.18	53.20 1.44 -3.21	51.79 1.36 -2.75	41.13 0.90 -1.88	40.68 0.86 -1.86	40.79 0.88 -1.76	40.30 1.36 -1.43	41.26 1.50 -1.30
ESPRGFLD_115KV_TB1 80157	37.87 1.46 -0.22	35.90 1.38 -0.17	23.66 0.89 0.00	23.29 0.85 0.00	19.72 0.75 0.02	23.89 0.91 0.00	34.68 1.46 -0.16	39.05 1.77 -0.26	26.86 1.09 -0.06	26.30 0.90 0.00	27.74 0.98 -0.04	30.98 1.16 -0.08	36.80 1.46 0.13	39.42 1.58 -0.30	40.66 1.66 -0.35	38.59 1.62 -0.30	45.90 2.17 -0.59	52.25 2.83 -0.86	51.23 2.82 -0.74	41.10 2.24 -0.50	40.54 2.07 -0.50	40.64 2.01 -0.47	39.83 1.94 -0.39	40.70 1.89 -0.35
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.84 0.45 -1.21	35.71 0.40 -0.96	23.04 0.27 0.00	22.76 0.33 0.00	19.24 0.25 0.00	23.31 0.32 -0.01	34.43 0.47 -0.91	39.15 0.68 -1.45	26.48 0.46 -0.31	25.62 0.21 0.00	27.10 0.18 -0.20	30.74 0.30 -0.70	37.28 0.41 -1.39	39.58 0.39 -1.65	41.22 0.66 -1.91	38.96 0.65 -1.63	47.25 0.92 -3.19	54.60 1.35 -4.69	53.22 1.51 -4.03	42.25 1.14 -2.75	41.69 1.01 -2.71	41.64 0.91 -2.58	40.43 0.83 -2.10	41.08 0.72 -1.90
ETNA____115KV_TB2 80207	37.84 0.45 -1.21	35.71 0.40 -0.96	23.04 0.27 0.00	22.76 0.33 0.00	19.24 0.25 0.00	23.31 0.32 -0.01	34.43 0.47 -0.91	39.15 0.68 -1.45	26.48 0.46 -0.31	25.62 0.21 0.00	27.10 0.18 -0.20	30.74 0.30 -0.70	37.28 0.41 -1.39	39.58 0.39 -1.65	41.22 0.66 -1.91	38.96 0.65 -1.63	47.25 0.92 -3.19	54.60 1.35 -4.69	53.22 1.51 -4.03	42.25 1.14 -2.75	41.69 1.01 -2.71	41.64 0.91 -2.58	40.43 0.83 -2.10	41.08 0.72 -1.90
EUCLID____115KV_TB2 356179	36.90 -0.47 -1.18	34.83 -0.45 -0.93	22.50 -0.28 0.00	22.20 -0.24 0.00	18.77 -0.22 0.00	22.74 -0.25 -0.01	33.56 -0.39 -0.88	38.08 -0.33 -1.40	25.77 -0.24 -0.30	25.09 -0.31 0.00	26.62 -0.30 -0.19	30.13 -0.29 -0.68	36.51 -0.31 -1.34	38.82 -0.29 -1.57	40.29 -0.17 -1.82	38.06 -0.16 -1.55	46.05 -0.12 -3.03	52.99 -0.03 -4.45	51.50 -0.01 -3.83	40.91 -0.06 -2.61	40.38 -0.16 -2.58	40.37 -0.23 -2.45	39.23 -0.27 -1.99	39.91 -0.36 -1.81
E_CANADA_CAP_HY 24051	37.80 1.61 0.00	35.88 1.53 0.00	23.76 0.99 0.00	23.38 0.95 0.00	19.80 0.84 0.03	24.03 1.06 0.00	34.73 1.67 0.00	38.93 1.91 0.00	26.66 0.95 0.00	25.99 0.59 0.00	27.24 0.52 0.00	30.29 0.63 0.08	35.70 0.88 0.66	38.60 1.06 0.00	39.68 1.03 0.00	37.77 1.10 0.00	44.98 1.84 0.00	51.19 2.63 0.00	50.51 2.84 0.00	40.66 2.30 0.00	40.13 2.16 0.00	40.21 2.06 0.00	39.49 1.99 0.00	40.44 1.98 0.00
E_CANADA_MHWK_HY 24050	36.48 0.29 0.00	34.73 0.38 0.00	23.27 0.49 0.00	22.95 0.51 0.00	19.29 0.30 0.00	23.35 0.38 0.00	33.84 0.78 0.00	38.26 1.24 0.00	26.19 0.48 0.00	25.24 -0.16 0.00	26.33 -0.39 0.00	29.33 -0.41 0.00	35.14 -0.33 0.00	37.21 -0.32 0.00	38.38 -0.26 0.00	36.51 -0.16 0.00	43.25 0.11 0.00	49.64 1.07 0.00	49.39 1.71 0.00	39.60 1.24 0.00	38.86 0.90 0.00	38.98 0.83 0.00	38.06 0.56 0.00	38.82 0.36 0.00
E_FISHKILL__LBMP 23776	37.32 1.14 0.00	35.35 0.99 0.00	23.47 0.69 0.00	23.06 0.63 0.00	19.52 0.46 -0.07	23.55 0.58 0.00	34.02 0.96 0.00	38.45 1.43 0.00	26.91 1.20 0.00	26.72 1.32 0.00	28.25 1.52 0.00	31.62 1.68 -0.20	39.15 1.96 -1.71	39.61 2.08 0.00	40.89 2.25 0.00	38.71 2.04 0.00	44.98 1.84 0.00	50.53 1.97 0.00	49.59 1.91 0.00	39.83 1.47 0.00	39.09 1.13 0.00	39.38 1.23 0.00	38.73 1.23 0.00	39.63 1.17 0.00
FALCON__SEABRD_CC1 323796	37.91 1.73 0.00	35.40 1.05 0.00	23.17 0.39 0.00	22.59 0.15 0.00	19.62 0.63 0.00	23.76 0.79 0.00	34.24 1.19 0.00	37.81 0.79 0.00	26.40 0.69 0.00	26.50 1.10 0.00	27.88 1.16 0.00	30.78 1.04 0.00	36.01 0.53 0.00	37.46 -0.08 0.00	38.09 -0.56 0.00	35.86 -0.81 0.00	42.29 -0.85 0.00	47.81 -0.75 0.00	46.99 -0.69 0.00	37.23 -1.13 0.00	31.68 -1.58 4.70	-8.35 -1.57 44.94	-3.98 -0.82 40.65	37.94 -0.52 0.00
FALCON__SEABRD_CC2 323797	37.91 1.73 0.00	35.40 1.05 0.00	23.17 0.39 0.00	22.59 0.15 0.00	19.62 0.63 0.00	23.76 0.79 0.00	34.24 1.19 0.00	37.81 0.79 0.00	26.40 0.69 0.00	26.50 1.10 0.00	27.88 1.16 0.00	30.78 1.04 0.00	36.01 0.53 0.00	37.46 -0.08 0.00	38.09 -0.56 0.00	35.86 -0.81 0.00	42.29 -0.85 0.00	47.81 -0.75 0.00	46.99 -0.69 0.00	37.23 -1.13 0.00	31.68 -1.58 4.70	-8.35 -1.57 44.94	-3.98 -0.82 40.65	37.94 -0.52 0.00

FAR ROCKAWAY___4 23548	38.23 2.04 0.00	36.22 1.87 0.00	24.00 1.22 0.00	23.52 1.09 0.00	19.90 0.83 -0.07	24.09 1.11 0.00	34.61 1.55 0.00	39.05 2.03 0.00	27.37 1.66 0.00	27.20 1.80 0.00	48.83 2.34 -19.77	50.85 2.55 -18.56	48.31 3.06 -9.78	53.76 3.12 -13.10	51.98 3.30 -10.03	48.98 3.06 -9.25	46.02 2.88 0.00	51.56 3.00 0.00	50.60 2.92 0.00	41.56 2.45 -0.75	39.94 1.98 0.00	41.53 2.07 -1.31	39.47 1.96 0.00	40.45 1.99 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.01 1.82 0.00	35.95 1.60 0.00	23.84 1.07 0.00	23.41 0.97 0.00	19.81 0.75 -0.07	23.91 0.94 0.00	34.58 1.52 0.00	39.14 2.12 0.00	27.47 1.76 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.47 -0.20	40.03 2.87 -1.68	40.55 3.01 0.00	41.88 3.23 0.00	39.61 2.94 0.00	45.90 2.76 0.00	51.44 2.87 0.00	50.44 2.76 0.00	40.52 2.16 0.00	39.75 1.78 0.00	40.10 1.95 0.00	39.46 1.96 0.00	40.32 1.86 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.03 1.84 0.00	35.97 1.62 0.00	23.85 1.08 0.00	23.42 0.99 0.00	19.82 0.75 -0.07	23.92 0.94 0.00	34.59 1.53 0.00	39.16 2.14 0.00	27.47 1.76 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.05 2.89 -1.68	40.57 3.03 0.00	41.88 3.23 0.00	39.62 2.95 0.00	45.91 2.77 0.00	51.46 2.90 0.00	50.47 2.79 0.00	40.52 2.17 0.00	39.76 1.79 0.00	40.11 1.96 0.00	39.49 1.98 0.00	40.34 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.99 1.80 0.00	35.92 1.57 0.00	23.83 1.05 0.00	23.40 0.96 0.00	19.80 0.73 -0.07	23.90 0.92 0.00	34.55 1.49 0.00	39.12 2.10 0.00	27.45 1.74 0.00	27.32 1.92 0.00	28.93 2.20 0.00	32.40 2.46 -0.20	40.01 2.85 -1.68	40.53 2.99 0.00	41.84 3.19 0.00	39.59 2.91 0.00	45.86 2.72 0.00	51.41 2.85 0.00	50.41 2.73 0.00	40.48 2.12 0.00	39.71 1.74 0.00	40.07 1.92 0.00	39.44 1.94 0.00	40.29 1.83 0.00
FARRAGUT___LBMP 323566	37.96 1.77 0.00	35.89 1.55 0.00	23.80 1.03 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.47 0.00	39.08 2.06 0.00	27.42 1.71 0.00	27.30 1.90 0.00	28.90 2.17 0.00	32.36 2.42 -0.20	39.96 2.80 -1.68	40.47 2.94 0.00	41.80 3.16 0.00	39.53 2.87 0.00	45.81 2.67 0.00	51.34 2.78 0.00	50.35 2.67 0.00	40.44 2.09 0.00	39.68 1.71 0.00	40.03 1.88 0.00	39.41 1.91 0.00	40.26 1.80 0.00
FENNER___WINDPWR 24204	37.85 0.73 -0.92	35.76 0.68 -0.73	23.23 0.45 0.00	22.91 0.48 0.00	19.39 0.40 0.00	23.54 0.56 -0.01	34.65 0.89 -0.69	39.20 1.08 -1.10	26.58 0.63 -0.24	25.80 0.39 0.00	27.24 0.37 -0.15	30.72 0.45 -0.53	37.11 0.58 -1.06	39.48 0.70 -1.24	40.86 0.79 -1.43	38.71 0.82 -1.22	46.64 1.12 -2.39	53.74 1.67 -3.51	52.52 1.83 -3.01	41.84 1.43 -2.06	41.25 1.25 -2.03	41.23 1.15 -1.93	40.05 0.98 -1.57	40.77 0.88 -1.42
FIBERTEK___ENERGY 23856	37.87 -0.13 -1.81	35.65 -0.14 -1.44	22.70 -0.07 0.00	22.40 -0.03 0.00	18.95 -0.05 0.00	22.95 -0.04 -0.01	34.38 -0.04 -1.36	39.24 0.03 -2.19	26.18 0.00 -0.47	25.30 -0.11 -0.01	26.95 -0.08 -0.30	30.76 -0.03 -1.06	37.58 0.02 -2.08	40.05 0.07 -2.45	41.67 0.20 -2.83	39.30 0.21 -2.41	48.19 0.34 -4.71	56.03 0.54 -6.93	54.21 0.58 -5.95	42.81 0.39 -4.06	42.24 0.27 -4.01	42.14 0.18 -3.81	40.71 0.11 -3.10	41.27 0.00 -2.81
FITZPATRICK___ 23598	25.29 -1.02 9.88	25.53 -0.97 7.84	22.15 -0.63 0.00	21.85 -0.58 0.00	18.49 -0.51 0.00	22.29 -0.61 0.07	24.73 -0.91 7.41	24.42 -0.94 11.66	22.53 -0.66 2.52	24.66 -0.70 0.04	24.38 -0.72 1.63	23.30 -0.78 5.66	23.39 -0.90 11.19	23.47 -0.93 13.13	22.61 -0.88 15.14	22.92 -0.83 12.92	16.97 -0.94 25.23	10.47 -0.99 37.11	14.87 -0.93 31.87	15.78 -0.80 21.77	15.63 -0.87 21.47	16.86 -0.90 20.38	20.00 -0.91 16.60	22.43 -1.00 15.03
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.80 1.61 0.00	35.76 1.41 0.00	23.74 0.96 0.00	23.31 0.88 0.00	19.73 0.67 -0.06	23.83 0.86 0.00	34.44 1.39 0.00	38.94 1.93 0.00	27.26 1.55 0.00	27.07 1.68 0.00	28.60 1.88 0.00	32.01 2.08 -0.19	39.54 2.44 -1.61	40.11 2.58 0.00	41.44 2.80 0.00	39.29 2.62 0.00	45.71 2.57 0.00	51.41 2.85 0.00	50.47 2.79 0.00	40.52 2.16 0.00	39.76 1.79 0.00	39.99 1.84 0.00	39.29 1.79 0.00	40.14 1.68 0.00
FORT ORANGE___ 23900	36.11 -0.08 0.00	34.30 -0.05 0.00	22.89 0.12 0.00	22.56 0.13 0.00	18.99 0.04 0.00	22.99 0.02 0.00	33.11 0.05 0.00	37.31 0.29 0.00	25.79 0.07 0.00	25.49 0.09 0.00	26.80 0.08 0.00	29.71 0.10 0.12	34.48 0.04 1.04	37.60 0.06 0.00	38.71 0.06 0.00	36.74 0.06 0.00	43.12 -0.02 0.00	48.54 -0.02 0.00	47.68 0.00 0.00	38.28 -0.08 0.00	37.74 -0.22 0.00	37.89 -0.26 0.00	37.20 -0.30 0.00	38.12 -0.34 0.00
FORT_DRUM_COGEN 23780	39.08 1.61 -1.28	36.69 1.32 -1.02	23.52 0.74 0.00	23.28 0.84 0.00	19.78 0.78 0.00	24.04 1.06 -0.01	35.78 1.76 -0.96	40.54 2.01 -1.52	27.07 1.03 -0.33	25.77 0.37 0.00	27.07 0.13 -0.21	30.58 0.10 -0.74	37.06 0.12 -1.46	39.25 0.00 -1.71	40.57 -0.06 -1.97	38.07 -0.29 -1.69	46.44 0.02 -3.29	54.58 1.18 -4.84	53.73 1.89 -4.16	42.77 1.58 -2.84	42.29 1.34 -2.98	43.81 1.27 -4.39	41.02 0.77 -2.74	41.26 0.84 -1.96
FOX_HILLS___ESR 323835	37.87 1.68 0.00	35.82 1.47 0.00	23.86 1.08 0.00	23.37 0.94 0.00	19.73 0.67 -0.07	23.82 0.85 0.00	34.48 1.42 0.00	38.95 1.93 0.00	27.44 1.73 0.00	27.28 1.88 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	40.11 2.95 -1.68	40.53 2.99 0.00	41.82 3.18 0.00	39.64 2.97 0.00	45.74 2.60 0.00	51.32 2.75 -0.01	50.34 2.66 0.00	40.53 2.10 -0.07	39.89 1.77 -0.16	40.12 1.96 0.00	39.53 2.03 0.00	40.43 1.96 0.00
FPL_FAR_ROCK_GT1 24212	38.23 2.04 0.00	36.22 1.87 0.00	24.00 1.22 0.00	23.52 1.09 0.00	19.89 0.83 -0.07	24.09 1.11 0.00	34.61 1.55 0.00	39.05 2.03 0.00	27.37 1.66 0.00	27.19 1.80 0.00	48.83 2.34 -19.77	50.85 2.55 -18.56	48.31 3.06 -9.78	53.76 3.12 -13.10	52.00 3.32 -10.03	48.99 3.07 -9.25	46.03 2.89 0.00	51.56 3.00 0.00	50.60 2.92 0.00	41.57 2.46 -0.75	39.94 1.98 0.00	41.54 2.08 -1.31	39.46 1.96 0.00	40.45 1.99 0.00
FPL_FAR_ROCK_GT2 23815	38.23 2.04 0.00	36.22 1.87 0.00	24.00 1.22 0.00	23.52 1.09 0.00	19.89 0.83 -0.07	24.09 1.11 0.00	34.61 1.55 0.00	39.05 2.03 0.00	27.37 1.66 0.00	27.19 1.80 0.00	48.83 2.34 -19.77	50.85 2.55 -18.56	48.31 3.06 -9.78	53.76 3.12 -13.10	52.00 3.32 -10.03	48.99 3.07 -9.25	46.03 2.89 0.00	51.56 3.00 0.00	50.60 2.92 0.00	41.57 2.46 -0.75	39.94 1.98 0.00	41.54 2.08 -1.31	39.46 1.96 0.00	40.45 1.99 0.00
FRANKLIN_FALL_HYD 24054	37.55 1.36 0.00	35.33 0.98 0.00	23.15 0.37 0.00	22.65 0.22 0.00	19.53 0.54 0.00	23.66 0.69 0.00	34.12 1.06 0.00	37.91 0.89 0.00	26.35 0.63 0.00	26.13 0.73 0.00	27.45 0.73 0.00	30.44 0.69 0.00	35.89 0.41 0.00	37.59 0.05 0.00	38.37 -0.27 0.00	36.40 -0.27 0.00	42.99 -0.15 0.00	48.53 -0.03 0.00	47.72 0.04 0.00	38.18 -0.17 0.00	40.75 -0.21 -2.99	66.52 -0.20 -28.57	48.29 0.09 -10.70	38.69 0.23 0.00



FREEPORT_EQUS_GT1 23764	37.87 1.69 0.00	35.88 1.53 0.00	23.78 1.00 0.00	23.30 0.87 0.00	19.71 0.64 -0.07	23.85 0.88 0.00	34.25 1.19 0.00	38.68 1.67 0.00	27.12 1.41 0.00	26.96 1.56 0.00	45.20 2.07 -16.41	47.45 2.27 -15.44	46.59 2.71 -8.40	51.14 2.73 -10.88	49.89 2.92 -8.33	47.02 2.68 -7.68	45.55 2.41 0.00	51.02 2.45 0.00	50.08 2.40 0.00	40.97 1.99 -0.63	39.45 1.49 0.00	40.90 1.65 -1.09	39.11 1.60 0.00	40.13 1.67 0.00
FREEPORT___CT2 23818	37.87 1.69 0.00	35.88 1.53 0.00	23.78 1.00 0.00	23.30 0.87 0.00	19.71 0.64 -0.07	23.85 0.88 0.00	34.25 1.19 0.00	38.68 1.67 0.00	27.12 1.41 0.00	26.96 1.56 0.00	45.20 2.07 -16.41	47.45 2.27 -15.44	46.59 2.71 -8.40	51.14 2.73 -10.88	49.89 2.92 -8.33	47.02 2.68 -7.68	45.55 2.41 0.00	51.02 2.45 0.00	50.08 2.40 0.00	40.97 1.99 -0.63	39.45 1.49 0.00	40.90 1.65 -1.09	39.11 1.60 0.00	40.13 1.67 0.00
FRESHKLS_33_KV_LOAD 356253	37.86 1.67 0.00	35.82 1.47 0.00	23.86 1.09 0.00	23.38 0.94 0.00	19.74 0.68 -0.07	23.83 0.86 0.00	34.48 1.43 0.00	38.93 1.91 0.00	27.47 1.76 0.00	27.29 1.89 0.00	28.88 2.15 0.00	32.32 2.38 -0.20	40.09 2.92 -1.68	40.46 2.92 0.00	41.75 3.10 0.00	39.62 2.94 0.00	45.66 2.52 0.00	51.26 2.70 -0.01	50.28 2.61 0.00	40.50 2.08 -0.06	39.86 1.76 -0.13	40.13 1.98 0.00	39.54 2.04 0.00	40.45 1.99 0.00
FULTON COGEN____ 23766	36.96 -0.32 -1.10	34.90 -0.33 -0.87	22.57 -0.20 0.00	22.27 -0.17 0.00	18.84 -0.15 0.00	22.83 -0.15 -0.01	33.65 -0.23 -0.82	38.19 -0.13 -1.30	25.89 -0.10 -0.28	25.17 -0.23 0.00	26.66 -0.24 -0.18	30.14 -0.23 -0.63	36.46 -0.26 -1.25	38.77 -0.23 -1.47	40.21 -0.13 -1.69	38.04 -0.08 -1.44	45.98 0.02 -2.82	52.86 0.15 -4.15	51.50 0.26 -3.56	40.97 0.18 -2.43	40.44 0.07 -2.40	40.41 -0.02 -2.28	39.28 -0.08 -1.86	39.99 -0.15 -1.68
FULTON___LFGFE 323630	37.79 1.60 0.00	35.85 1.50 0.00	23.76 0.99 0.00	23.39 0.95 0.00	19.78 0.82 0.04	24.02 1.05 0.00	34.76 1.70 0.00	39.02 2.01 0.00	26.62 0.91 0.00	25.68 0.28 0.00	26.83 0.10 0.00	29.77 0.12 0.09	35.09 0.39 0.77	38.08 0.55 0.00	39.16 0.52 0.00	37.33 0.66 0.00	44.58 1.44 0.00	50.98 2.42 0.00	50.54 2.86 0.00	40.70 2.34 0.00	40.13 2.17 0.00	40.20 2.05 0.00	39.43 1.93 0.00	40.32 1.86 0.00
G.F.CEMENT___DRP 24184	37.63 1.45 0.00	35.58 1.23 0.00	23.60 0.83 0.00	23.27 0.83 0.00	19.63 0.69 0.06	23.87 0.90 0.00	34.54 1.48 0.00	38.88 1.86 0.00	26.71 1.00 0.00	26.37 0.97 0.00	27.56 0.84 0.00	30.46 0.87 0.15	35.25 1.05 1.28	38.82 1.28 0.00	39.97 1.33 0.00	37.95 1.28 0.00	44.76 1.62 0.00	50.73 2.17 0.00	50.25 2.58 0.00	40.30 1.94 0.00	39.71 1.74 0.00	39.64 1.49 0.00	38.74 1.24 0.00	39.77 1.31 0.00
GARDENVILLE___LBMP 24039	36.92 -0.04 -0.78	35.02 0.06 -0.62	22.75 -0.02 0.00	22.59 0.15 0.00	19.13 0.14 0.00	23.14 0.15 -0.01	33.14 -0.51 -0.59	37.62 -0.41 -1.01	25.89 -0.04 -0.22	25.41 0.01 0.00	27.28 0.42 -0.14	30.82 0.59 -0.49	37.24 0.79 -0.97	39.51 0.82 -1.15	41.01 1.04 -1.33	38.78 0.97 -1.13	46.68 1.33 -2.21	53.04 1.23 -3.26	51.64 1.17 -2.80	41.01 0.74 -1.91	40.53 0.69 -1.88	40.68 0.73 -1.79	40.16 1.20 -1.46	41.14 1.36 -1.32
GARDNVLA_35_KV_LD 355827	37.10 0.16 -0.76	35.19 0.24 -0.60	22.87 0.09 0.00	22.71 0.27 0.00	19.23 0.24 0.00	23.26 0.28 -0.01	33.34 -0.30 -0.57	37.88 -0.13 -0.99	26.10 0.17 -0.21	25.63 0.23 0.00	27.53 0.67 -0.14	31.10 0.87 -0.48	37.58 1.15 -0.96	39.88 1.21 -1.13	41.38 1.43 -1.31	39.14 1.36 -1.11	47.11 1.80 -2.17	53.51 1.76 -3.20	52.08 1.66 -2.75	41.34 1.11 -1.88	40.88 1.06 -1.85	40.99 1.08 -1.76	40.45 1.51 -1.43	41.39 1.63 -1.30
GELCKHM___115KV_LOAD 80723	37.27 -0.33 -1.41	35.14 -0.33 -1.11	22.58 -0.20 0.00	22.28 -0.16 0.00	18.84 -0.15 0.00	22.82 -0.16 -0.01	33.87 -0.24 -1.06	38.51 -0.19 -1.68	25.93 -0.15 -0.36	25.17 -0.23 0.00	26.75 -0.21 -0.23	30.37 -0.18 -0.81	36.91 -0.17 -1.61	39.28 -0.15 -1.89	40.80 -0.02 -2.18	38.53 -0.01 -1.86	46.84 0.07 -3.63	54.10 0.19 -5.34	52.50 0.23 -4.59	41.61 0.12 -3.14	41.06 0.00 -3.09	41.03 -0.06 -2.93	39.78 -0.12 -2.39	40.42 -0.21 -2.16
GENERAL___MILLS 23808	37.00 0.05 -0.76	35.09 0.14 -0.60	22.81 0.03 0.00	22.64 0.21 0.00	19.19 0.19 0.00	23.19 0.21 -0.01	33.23 -0.41 -0.58	37.75 -0.27 -1.00	26.00 0.07 -0.22	25.52 0.12 0.00	27.41 0.55 -0.14	30.95 0.72 -0.48	37.40 0.96 -0.96	39.68 1.01 -1.13	41.17 1.22 -1.31	38.93 1.14 -1.12	46.84 1.52 -2.18	53.20 1.43 -3.21	51.78 1.35 -2.75	41.10 0.86 -1.88	40.65 0.83 -1.86	40.79 0.88 -1.76	40.27 1.34 -1.43	41.24 1.48 -1.30
GE_PLASTICS___DRP 24183	35.88 -0.31 0.00	34.09 -0.26 0.00	22.73 -0.04 0.00	22.39 -0.04 0.00	18.87 -0.10 0.03	22.82 -0.15 0.00	32.85 -0.21 0.00	37.00 -0.02 0.00	25.68 -0.03 0.00	25.39 -0.01 0.00	26.68 -0.02 0.02	29.64 -0.02 0.08	34.71 -0.06 0.71	1.92 -0.06 35.57	38.56 -0.08 0.00	36.57 -0.10 0.00	42.82 -0.32 0.00	48.26 -0.30 0.00	47.41 -0.27 0.00	38.08 -0.28 0.00	37.56 -0.41 0.00	37.73 -0.42 0.00	37.09 -0.42 0.00	38.02 -0.44 0.00
GILBOA___1 23756	36.62 0.43 0.00	34.87 0.52 0.00	23.26 0.48 0.00	22.90 0.46 0.00	19.34 0.33 -0.02	23.22 0.24 0.00	33.44 0.38 0.00	37.68 0.66 0.00	26.24 0.53 0.00	25.98 0.58 0.00	27.38 0.66 0.00	30.52 0.72 -0.05	36.76 0.85 -0.43	38.45 0.91 0.00	39.67 1.03 0.00	37.58 0.91 0.00	43.95 0.81 0.00	49.42 0.85 0.00	48.31 0.63 0.00	38.80 0.44 0.00	38.33 0.36 0.00	38.64 0.49 0.00	37.97 0.47 0.00	38.89 0.43 0.00
GILBOA___2 23757	36.62 0.43 0.00	34.87 0.52 0.00	23.26 0.48 0.00	22.90 0.46 0.00	19.34 0.33 -0.02	23.22 0.24 0.00	33.44 0.38 0.00	37.68 0.66 0.00	26.24 0.53 0.00	25.98 0.58 0.00	27.38 0.66 0.00	30.52 0.72 -0.05	36.76 0.85 -0.43	38.45 0.91 0.00	39.67 1.03 0.00	37.58 0.91 0.00	43.95 0.81 0.00	49.42 0.85 0.00	48.31 0.63 0.00	38.80 0.44 0.00	38.33 0.36 0.00	38.64 0.49 0.00	37.97 0.47 0.00	38.89 0.43 0.00
GILBOA___3 23758	36.62 0.43 0.00	34.87 0.52 0.00	23.26 0.48 0.00	22.90 0.46 0.00	19.34 0.33 -0.02	23.22 0.24 0.00	33.44 0.38 0.00	37.68 0.66 0.00	26.24 0.53 0.00	25.98 0.58 0.00	27.38 0.66 0.00	30.52 0.72 -0.05	36.76 0.85 -0.43	38.45 0.91 0.00	39.67 1.03 0.00	37.58 0.91 0.00	43.95 0.81 0.00	49.42 0.85 0.00	48.31 0.63 0.00	38.80 0.44 0.00	38.33 0.36 0.00	38.64 0.49 0.00	37.97 0.47 0.00	38.89 0.43 0.00
GILBOA___4 23759	36.62 0.43 0.00	34.87 0.52 0.00	23.26 0.48 0.00	22.90 0.46 0.00	19.34 0.33 -0.02	23.22 0.24 0.00	33.44 0.38 0.00	37.68 0.66 0.00	26.24 0.53 0.00	25.98 0.58 0.00	27.38 0.66 0.00	30.52 0.72 -0.05	36.76 0.85 -0.43	38.45 0.91 0.00	39.67 1.03 0.00	37.58 0.91 0.00	43.95 0.81 0.00	49.42 0.85 0.00	48.31 0.63 0.00	38.80 0.44 0.00	38.33 0.36 0.00	38.64 0.49 0.00	37.97 0.47 0.00	38.89 0.43 0.00

GILBOA____ 23599	36.62 0.43 0.00	34.87 0.52 0.00	23.26 0.48 0.00	22.90 0.47 0.00	19.34 0.33 -0.02	23.22 0.25 0.00	33.44 0.38 0.00	37.68 0.66 0.00	26.24 0.53 0.00	25.97 0.58 0.00	27.38 0.66 0.00	30.52 0.73 -0.05	36.76 0.85 -0.43	38.45 0.91 0.00	39.67 1.02 0.00	37.58 0.91 0.00	43.95 0.81 0.00	49.42 0.86 0.00	48.31 0.63 0.00	38.80 0.44 0.00	38.32 0.36 0.00	38.64 0.49 0.00	37.97 0.47 0.00	38.89 0.43 0.00
GINNA____ 23603	35.33 -1.61 -0.76	33.42 -1.54 -0.60	21.73 -1.04 0.00	21.48 -0.96 0.00	18.19 -0.81 0.00	22.07 -0.92 -0.01	32.18 -1.45 -0.58	36.62 -1.41 -1.02	25.00 -0.93 -0.22	24.44 -0.97 0.00	26.08 -0.78 -0.14	29.48 -0.76 -0.50	35.67 -0.79 -0.98	37.94 -0.75 -1.16	39.30 -0.68 -1.34	37.28 -0.53 -1.14	44.95 -0.41 -2.22	51.47 -0.36 -3.27	50.14 -0.34 -2.81	39.84 -0.44 -1.92	39.27 -0.59 -1.89	39.22 -0.73 -1.80	38.38 -0.58 -1.46	39.14 -0.65 -1.32
GLEN PARK____ 23778	39.28 1.75 -1.35	36.87 1.46 -1.07	23.60 0.82 0.00	23.36 0.93 0.00	19.85 0.85 0.00	24.14 1.15 -0.01	35.98 1.91 -1.01	40.80 2.19 -1.59	27.18 1.12 -0.34	25.81 0.41 0.00	27.09 0.14 -0.22	30.61 0.10 -0.77	37.13 0.12 -1.53	39.34 0.00 -1.80	40.66 -0.05 -2.07	38.13 -0.31 -1.77	46.59 0.00 -3.45	54.95 1.31 -5.07	54.19 2.16 -4.36	43.17 1.83 -2.97	42.66 1.59 -3.11	44.07 1.50 -4.43	41.31 0.99 -2.82	41.56 1.04 -2.06
GLENDALE_27_KV_LOAD 356172	38.16 1.97 0.00	36.08 1.73 0.00	23.96 1.18 0.00	23.50 1.07 0.00	19.88 0.82 -0.07	24.00 1.02 0.00	34.71 1.65 0.00	39.28 2.26 0.00	27.58 1.87 0.00	27.46 2.07 0.00	29.08 2.35 0.00	32.56 2.63 -0.20	40.27 3.12 -1.68	40.78 3.24 0.00	42.06 3.41 0.00	39.81 3.14 0.00	46.04 2.90 0.00	51.58 3.02 0.00	50.59 2.91 0.00	40.65 2.29 0.00	39.90 1.93 0.00	40.24 2.09 0.00	39.63 2.13 0.00	40.48 2.02 0.00
GLENWOOD_IC_1_G5 23712	37.90 1.71 0.00	35.89 1.53 0.00	23.79 1.02 0.00	23.33 0.90 0.00	19.74 0.68 -0.07	23.87 0.90 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.26 1.55 0.00	27.13 1.73 0.00	49.87 2.00 -21.14	51.85 2.27 -19.84	48.40 2.59 -10.34	54.21 2.65 -14.01	52.22 2.84 -10.73	49.15 2.59 -9.89	45.49 2.35 0.00	51.00 2.44 0.00	50.02 2.35 0.00	41.05 1.89 -0.81	39.43 1.46 0.00	41.38 1.83 -1.41	39.27 1.77 0.00	40.21 1.75 0.00
GLENWOOD_IC_2_G1 23688	37.78 1.59 0.00	35.75 1.40 0.00	23.72 0.94 0.00	23.28 0.84 0.00	19.70 0.63 -0.07	23.80 0.82 0.00	34.32 1.26 0.00	38.81 1.79 0.00	27.20 1.49 0.00	27.05 1.65 0.00	29.63 2.00 -0.91	32.98 2.20 -1.04	40.11 2.58 -2.05	40.81 2.67 -0.60	41.98 2.88 -0.46	39.70 2.61 -0.42	45.54 2.40 0.00	51.06 2.50 0.00	50.10 2.42 0.00	40.31 1.92 -0.03	39.48 1.52 0.00	39.89 1.67 -0.06	39.15 1.64 0.00	40.06 1.60 0.00
GLENWOOD_IC_3_G1 23689	37.78 1.59 0.00	35.75 1.40 0.00	23.72 0.94 0.00	23.28 0.84 0.00	19.70 0.63 -0.07	23.80 0.82 0.00	34.32 1.26 0.00	38.81 1.79 0.00	27.20 1.49 0.00	27.05 1.65 0.00	29.63 2.00 -0.91	32.98 2.20 -1.04	40.11 2.58 -2.05	40.81 2.67 -0.60	41.98 2.88 -0.46	39.70 2.61 -0.42	45.54 2.40 0.00	51.06 2.50 0.00	50.10 2.42 0.00	40.31 1.92 -0.03	39.48 1.52 0.00	39.89 1.67 -0.06	39.15 1.64 0.00	40.06 1.60 0.00
GLENWOOD____4 23550	37.90 1.71 0.00	35.89 1.53 0.00	23.79 1.02 0.00	23.33 0.90 0.00	19.74 0.68 -0.07	23.87 0.90 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.26 1.55 0.00	27.13 1.73 0.00	49.92 2.06 -21.14	51.89 2.31 -19.84	48.49 2.68 -10.34	54.31 2.76 -14.01	52.32 2.95 -10.73	49.25 2.69 -9.89	45.60 2.46 0.00	51.11 2.55 0.00	50.15 2.47 0.00	41.15 1.98 -0.81	39.51 1.55 0.00	41.38 1.83 -1.41	39.27 1.77 0.00	40.21 1.75 0.00
GLENWOOD____5 23614	37.90 1.71 0.00	35.89 1.53 0.00	23.79 1.02 0.00	23.33 0.90 0.00	19.74 0.68 -0.07	23.87 0.90 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.26 1.55 0.00	27.13 1.73 0.00	49.92 2.06 -21.14	51.89 2.31 -19.84	48.49 2.68 -10.34	54.31 2.76 -14.01	52.32 2.95 -10.73	49.25 2.69 -9.89	45.60 2.46 0.00	51.11 2.55 0.00	50.15 2.47 0.00	41.15 1.98 -0.81	39.51 1.55 0.00	41.38 1.83 -1.41	39.27 1.77 0.00	40.21 1.75 0.00
GLOBAL GREEN_PORT_GT1 23814	37.35 1.16 0.00	35.09 0.74 0.00	23.63 0.86 0.00	23.09 0.66 0.00	19.29 0.23 -0.07	23.50 0.53 0.00	33.79 0.73 0.00	38.37 1.35 0.00	27.15 1.44 0.00	27.03 1.63 0.00	41.13 2.19 -12.22	43.77 2.48 -11.55	45.12 2.96 -6.69	48.76 3.13 -8.10	48.18 3.33 -6.20	45.78 3.39 -5.72	46.30 3.16 0.00	51.54 2.97 0.00	50.66 2.98 0.00	41.43 2.61 -0.47	40.08 2.12 0.00	41.06 2.10 -0.81	39.55 2.05 0.00	40.38 1.92 0.00
GLOBE____DSASP 323697	36.12 -0.81 -0.74	34.33 -0.61 -0.59	22.32 -0.45 0.00	22.15 -0.28 0.00	18.79 -0.21 0.00	22.71 -0.27 -0.01	32.40 -1.23 -0.56	36.71 -1.28 -0.98	25.30 -0.62 -0.21	24.89 -0.51 0.00	26.79 -0.07 -0.14	30.21 -0.01 -0.48	36.46 0.04 -0.94	38.67 0.02 -1.11	39.97 0.04 -1.29	37.86 0.09 -1.10	45.49 0.21 -2.14	51.64 -0.07 -3.15	50.19 -0.20 -2.71	39.83 -0.38 -1.85	39.44 -0.35 -1.82	39.64 -0.24 -1.73	39.28 0.37 -1.41	40.39 0.65 -1.28
GOETHSLN____LBMP 323567	37.74 1.55 0.00	35.69 1.34 0.00	23.67 0.90 0.00	23.24 0.81 0.00	19.67 0.61 -0.07	23.75 0.77 0.00	34.33 1.27 0.00	38.85 1.84 0.00	27.27 1.55 0.00	27.14 1.74 0.00	28.73 2.01 -0.20	32.19 2.25 -1.68	39.74 2.58 0.00	40.23 2.70 0.00	41.54 2.90 0.00	39.31 2.64 0.00	45.51 2.37 0.00	51.02 2.46 0.00	50.05 2.37 0.00	40.20 1.84 0.00	39.45 1.48 0.00	39.80 1.65 0.00	39.17 1.67 0.00	40.02 1.56 0.00
GOLAH____69_KV_TB 1_2 80279	37.35 0.42 -0.74	35.40 0.46 -0.59	23.07 0.29 0.00	22.77 0.33 0.00	19.32 0.32 0.00	23.46 0.48 -0.01	33.99 0.37 -0.56	38.45 0.46 -0.98	26.33 0.41 -0.21	25.69 0.29 0.00	27.43 0.57 -0.14	31.01 0.79 -0.48	37.44 1.03 -0.94	39.87 1.22 -1.11	41.35 1.42 -1.29	39.12 1.35 -1.10	47.15 1.87 -2.14	53.86 2.15 -3.14	52.56 2.18 -2.70	41.81 1.61 -1.84	41.26 1.48 -1.82	41.26 1.38 -1.73	40.50 1.59 -1.41	41.44 1.71 -1.27
GOODYEAR_LAKE_HYD 323669	37.68 1.10 -0.39	35.70 1.04 -0.31	23.48 0.71 0.00	23.11 0.68 0.00	19.56 0.56 0.00	23.64 0.66 0.00	34.41 1.06 -0.29	38.85 1.38 -0.45	26.77 0.96 -0.10	26.30 0.90 0.00	27.80 1.01 -0.06	31.14 1.18 -0.22	37.36 1.44 -0.44	39.62 1.55 -0.53	40.97 1.70 -0.63	38.82 1.61 -0.53	46.07 1.89 -1.04	52.42 2.33 -1.53	51.22 2.23 -1.31	40.97 1.71 -0.90	40.39 1.54 -0.88	40.52 1.53 -0.84	39.65 1.46 -0.68	40.45 1.37 -0.62
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.20 0.09 -0.92	35.12 0.03 -0.73	22.81 0.04 0.00	22.55 0.12 0.00	19.06 0.06 0.00	23.06 0.07 -0.01	33.79 0.04 -0.69	38.35 0.23 -1.11	26.22 0.27 -0.24	25.60 0.19 0.00	27.16 0.29 -0.16	30.69 0.38 -0.57	37.34 0.50 -1.36	39.31 0.50 -1.26	40.97 0.86 -1.46	38.59 0.67 -1.25	46.38 0.80 -2.44	53.04 0.89 -3.59	51.60 0.84 -3.09	41.04 0.57 -2.11	40.52 0.48 -2.08	40.59 0.46 -1.97	39.56 0.45 -1.61	40.28 0.36 -1.46

GOUDEY___7 23579	37.20 0.09 -0.92	35.12 0.03 -0.73	22.81 0.04 0.00	22.55 0.12 0.00	19.06 0.06 0.00	23.06 0.07 -0.01	33.79 0.04 -0.69	38.35 0.23 -1.11	26.22 0.27 -0.24	25.60 0.19 0.00	27.16 0.29 -0.16	30.69 0.38 -0.57	37.34 0.50 -1.36	39.31 0.50 -1.26	40.97 0.86 -1.46	38.59 0.67 -1.25	46.38 0.80 -2.44	53.04 0.89 -3.59	51.60 0.84 -3.09	41.04 0.57 -2.11	40.52 0.48 -2.08	40.59 0.46 -1.97	39.56 0.45 -1.61	40.28 0.36 -1.46
GOUDEY___8 23580	37.20 0.09 -0.92	35.12 0.03 -0.73	22.81 0.04 0.00	22.55 0.12 0.00	19.06 0.06 0.00	23.06 0.07 -0.01	33.79 0.04 -0.69	38.35 0.23 -1.11	26.22 0.27 -0.24	25.60 0.19 0.00	27.16 0.29 -0.16	30.69 0.38 -0.57	37.34 0.50 -1.36	39.31 0.50 -1.26	40.97 0.86 -1.46	38.59 0.67 -1.25	46.38 0.80 -2.44	53.04 0.89 -3.59	51.60 0.84 -3.09	41.04 0.57 -2.11	40.52 0.48 -2.08	40.59 0.46 -1.97	39.56 0.45 -1.61	40.28 0.36 -1.46
GOWANUS_GT1_1 24077	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT1_2 24078	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT1_3 24079	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT1_4 24080	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT1_5 24084	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT1_6 24111	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT1_7 24112	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT1_8 24113	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT2_1 24114	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT2_2 24115	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT2_3 24116	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT2_4 24117	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT2_5 24118	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00

GOWANUS_GT2_6 24119	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT2_7 24120	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT2_8 24121	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_1 24122	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_2 24123	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_3 24124	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_4 24125	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_5 24126	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_6 24127	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_7 24128	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT3_8 24129	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
GOWANUS_GT4_1 24130	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT4_2 24131	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT4_3 24132	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT4_4 24133	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00

GOWANUS_GT4_5 24134	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT4_6 24135	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT4_7 24136	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GOWANUS_GT4_8 24137	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GREATVRV_69_KV_BK1 356245	38.18 1.99 0.00	36.08 1.74 0.00	23.97 1.20 0.00	23.46 1.03 0.00	19.83 0.77 -0.07	24.06 1.08 0.00	34.56 1.51 0.00	39.08 2.06 0.00	27.42 1.71 0.00	27.16 1.77 0.00	41.70 2.37 -12.61	44.24 2.58 -11.92	45.39 3.07 -6.85	48.97 3.07 -8.36	48.38 3.34 -6.41	45.67 3.10 -5.90	45.98 2.84 0.00	51.32 2.76 0.00	50.38 2.71 0.00	41.21 2.38 -0.48	39.84 1.88 0.00	40.95 1.96 -0.84	39.46 1.96 0.00	40.40 1.94 0.00
GREENBSH_115KV_TB3 55895	35.96 -0.23 0.00	34.16 -0.19 0.00	22.80 0.03 0.00	22.48 0.05 0.00	18.92 -0.03 0.05	22.90 -0.07 0.00	32.95 -0.11 0.00	37.14 0.12 0.00	25.76 0.05 0.00	25.48 0.09 0.00	26.80 0.08 0.00	29.71 0.09 0.12	34.48 0.04 1.04	37.60 0.06 0.00	38.71 0.06 0.00	36.73 0.06 0.00	42.99 -0.16 0.00	48.44 -0.13 0.00	47.58 -0.09 0.00	38.20 -0.16 0.00	37.67 -0.30 0.00	37.82 -0.33 0.00	37.14 -0.36 0.00	38.07 -0.40 0.00
GREENDGE_115KV_TB5 80291	37.30 0.10 -1.01	35.29 0.14 -0.80	22.85 0.08 0.00	22.62 0.19 0.00	19.14 0.14 0.00	23.19 0.21 -0.01	33.78 -0.04 -0.76	38.37 0.09 -1.25	26.24 0.25 -0.27	25.49 0.08 0.00	27.07 0.17 -0.17	30.67 0.32 -0.61	37.13 0.44 -1.21	39.17 0.20 -1.43	40.90 0.60 -1.65	38.67 0.59 -1.41	46.82 0.93 -2.75	53.92 1.31 -4.05	52.58 1.42 -3.48	41.77 1.04 -2.38	41.20 0.89 -2.34	41.13 0.76 -2.23	40.07 0.76 -1.81	40.77 0.67 -1.64
GREENIDGE___3 23582	37.30 0.10 -1.01	35.29 0.14 -0.80	22.85 0.08 0.00	22.62 0.19 0.00	19.14 0.14 0.00	23.19 0.21 -0.01	33.78 -0.04 -0.76	38.37 0.09 -1.25	26.24 0.25 -0.27	25.49 0.08 0.00	27.07 0.17 -0.17	30.67 0.32 -0.61	37.13 0.44 -1.21	39.17 0.20 -1.43	40.90 0.60 -1.65	38.67 0.59 -1.41	46.82 0.93 -2.75	53.92 1.31 -4.05	52.58 1.42 -3.48	41.77 1.04 -2.38	41.20 0.89 -2.34	41.13 0.76 -2.23	40.07 0.76 -1.81	40.77 0.67 -1.64
GREENIDGE___4 23583	37.29 0.09 -1.01	35.29 0.14 -0.80	22.85 0.08 0.00	22.62 0.19 0.00	19.14 0.14 0.00	23.19 0.21 -0.01	33.78 -0.04 -0.76	38.36 0.08 -1.25	26.23 0.25 -0.27	25.49 0.09 0.00	27.07 0.17 -0.17	30.67 0.31 -0.61	37.13 0.44 -1.21	39.17 0.20 -1.43	40.87 0.58 -1.65	38.66 0.58 -1.41	46.81 0.92 -2.75	53.92 1.30 -4.05	52.57 1.41 -3.48	41.77 1.04 -2.38	41.19 0.89 -2.34	41.12 0.75 -2.23	40.07 0.76 -1.81	40.77 0.67 -1.64
GREENLWN_69_KV_BK 3 55738	37.50 1.31 0.00	35.57 1.22 0.00	23.60 0.83 0.00	23.11 0.68 0.00	19.55 0.49 -0.07	23.67 0.69 0.00	33.93 0.87 0.00	38.32 1.30 0.00	26.82 1.10 0.00	26.63 1.23 0.00	41.11 1.88 -12.50	43.59 2.04 -11.81	44.71 2.42 -6.80	48.08 2.25 -8.29	47.32 2.32 -6.35	44.61 2.09 -5.85	44.69 1.55 0.00	49.97 1.41 0.00	49.05 1.37 0.00	40.05 1.22 -0.48	38.74 0.78 0.00	40.00 1.02 -0.83	38.61 1.11 0.00	39.70 1.24 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00
GRISSOM___SOLAR 323813	37.72 1.53 0.00	35.80 1.45 0.00	23.74 0.96 0.00	23.36 0.93 0.00	19.75 0.79 0.04	23.98 1.01 0.00	34.69 1.63 0.00	38.96 1.94 0.00	26.56 0.84 0.00	25.54 0.14 0.00	26.68 -0.05 0.00	29.58 -0.07 0.09	34.89 0.21 0.80	37.90 0.36 0.00	38.98 0.33 0.00	37.15 0.48 0.00	44.36 1.22 0.00	50.78 2.22 0.00	50.40 2.72 0.00	40.58 2.23 0.00	40.02 2.05 0.00	40.09 1.94 0.00	39.32 1.82 0.00	40.21 1.75 0.00
GROVEVILLE___HYD 323602	37.80 1.61 0.00	35.76 1.41 0.00	23.74 0.96 0.00	23.31 0.88 0.00	19.73 0.67 -0.06	23.83 0.86 0.00	34.44 1.39 0.00	38.94 1.93 0.00	27.26 1.55 0.00	27.07 1.68 0.00	28.60 1.88 0.00	32.01 2.08 -0.19	39.54 2.44 -1.61	40.11 2.58 0.00	41.44 2.80 0.00	39.29 2.62 0.00	45.71 2.57 0.00	51.41 2.85 0.00	50.47 2.79 0.00	40.52 2.16 0.00	39.76 1.79 0.00	39.99 1.84 0.00	39.29 1.79 0.00	40.14 1.68 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.87 -0.13 -1.81	35.65 -0.14 -1.44	22.70 -0.07 0.00	22.40 -0.03 0.00	18.95 -0.05 0.00	22.95 -0.04 -0.01	34.38 -0.04 -1.36	39.24 0.03 -2.19	26.18 0.00 -0.47	25.30 -0.11 -0.01	26.95 -0.08 -0.30	30.76 -0.03 -1.06	37.58 0.02 -2.08	40.05 0.07 -2.45	41.67 0.20 -2.83	39.30 0.21 -2.41	48.19 0.34 -4.71	56.03 0.54 -6.93	54.21 0.58 -5.95	42.81 0.39 -4.06	42.24 0.27 -4.01	42.14 0.18 -3.81	40.71 0.11 -3.10	41.27 0.00 -2.81
HAMLTNNY_34_KV_TB 80303	37.97 -0.03 -1.82	35.77 -0.03 -1.44	22.78 0.01 0.00	22.48 0.05 0.00	19.02 0.02 0.00	23.02 0.03 -0.01	34.48 0.05 -1.37	39.37 0.16 -2.19	26.27 0.08 -0.48	25.35 -0.06 -0.01	27.01 -0.03 -0.31	30.83 0.02 -1.07	37.69 0.10 -2.12	40.19 0.17 -2.49	41.84 0.33 -2.87	39.49 0.36 -2.45	48.44 0.52 -4.78	56.35 0.75 -7.03	54.55 0.82 -6.04	43.04 0.56 -4.13	42.46 0.42 -4.07	42.35 0.34 -3.87	40.95 0.29 -3.15	41.50 0.19 -2.85

HAMPSHIRE___PAPER_HYD 323593	37.94 1.18 -0.57	35.81 1.01 -0.45	23.28 0.50 0.00	22.95 0.52 0.00	19.54 0.55 0.00	23.71 0.73 0.00	34.68 1.20 -0.43	38.89 1.20 -0.67	26.49 0.64 -0.14	25.70 0.30 0.00	27.00 0.18 -0.09	30.24 0.17 -0.33	36.26 0.14 -0.64	38.33 0.04 -0.75	39.41 -0.11 -0.87	37.16 -0.26 -0.74	44.45 -0.14 -1.45	50.92 0.22 -2.14	50.05 0.53 -1.83	40.11 0.51 -1.25	40.21 0.55 -1.70	44.44 0.74 -5.55	40.51 0.60 -2.41	40.03 0.70 -0.86
HARDSCRABBLE_WT_PWR 323673	36.43 0.24 0.00	34.71 0.35 0.00	23.22 0.45 0.00	22.90 0.47 0.00	19.28 0.29 0.00	23.33 0.35 0.00	33.77 0.72 0.00	38.13 1.12 0.00	26.17 0.46 0.00	25.36 -0.04 0.00	26.50 -0.22 0.00	29.52 -0.22 0.00	35.34 -0.14 0.00	37.43 -0.11 0.00	38.58 -0.07 0.00	36.68 0.00 0.00	43.40 0.26 0.00	49.59 1.03 0.00	49.17 1.49 0.00	39.43 1.07 0.00	38.73 0.76 0.00	38.83 0.68 0.00	37.99 0.48 0.00	38.81 0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.68 1.50 0.00	35.65 1.30 0.00	23.64 0.87 0.00	23.22 0.78 0.00	19.65 0.60 -0.06	23.75 0.77 0.00	34.33 1.27 0.00	38.83 1.81 0.00	27.17 1.46 0.00	26.99 1.59 0.00	28.55 1.83 0.00	31.95 2.03 -0.18	39.43 2.42 -1.54	40.10 2.56 0.00	41.46 2.82 0.00	39.26 2.59 0.00	45.64 2.50 0.00	51.37 2.81 0.00	50.40 2.72 0.00	40.43 2.08 0.00	39.63 1.66 0.00	39.90 1.75 0.00	39.22 1.72 0.00	40.07 1.61 0.00
HARSNRAD_115KV_TB1 81005	36.77 -0.16 -0.75	34.93 -0.02 -0.59	22.71 -0.07 0.00	22.54 0.10 0.00	19.11 0.11 0.00	23.11 0.13 -0.01	32.93 -0.69 -0.57	37.27 -0.74 -0.98	25.66 -0.27 -0.21	25.19 -0.21 0.00	27.07 0.21 -0.14	30.53 0.31 -0.48	36.86 0.43 -0.95	39.10 0.45 -1.12	40.46 0.52 -1.29	38.34 0.57 -1.10	46.12 0.82 -2.16	52.35 0.62 -3.17	51.02 0.62 -2.72	40.55 0.33 -1.86	40.10 0.30 -1.83	40.29 0.40 -1.74	39.97 1.05 -1.42	41.03 1.28 -1.28
HARZA MOOSE___RIVER 24016	37.82 1.10 -0.53	35.74 0.97 -0.42	23.35 0.57 0.00	23.06 0.63 0.00	19.55 0.56 0.00	23.72 0.74 0.00	34.67 1.21 -0.40	39.03 1.38 -0.63	26.61 0.76 -0.14	25.80 0.40 0.00	27.14 0.33 -0.09	30.40 0.35 -0.31	36.48 0.40 -0.61	38.65 0.40 -0.71	39.89 0.42 -0.83	37.71 0.33 -0.70	45.08 0.56 -1.38	51.81 1.23 -2.02	50.94 1.53 -1.74	40.76 1.22 -1.19	40.28 1.02 -1.30	41.46 0.98 -2.33	39.49 0.67 -1.31	39.96 0.67 -0.82
HDSNBRDG_115KV_BRDG_TB1 355580	37.09 -0.37 -1.27	34.99 -0.37 -1.01	22.55 -0.22 0.00	22.25 -0.18 0.00	18.82 -0.18 0.00	22.80 -0.19 -0.01	33.73 -0.28 -0.95	38.32 -0.21 -1.51	25.88 -0.16 -0.33	25.17 -0.24 0.00	26.73 -0.21 -0.21	30.29 -0.18 -0.73	36.76 -0.17 -1.45	39.09 -0.14 -1.70	40.60 -0.01 -1.96	38.35 0.00 -1.68	46.47 0.07 -3.27	53.56 0.19 -4.81	52.01 0.21 -4.13	41.28 0.10 -2.82	40.74 -0.01 -2.78	40.71 -0.09 -2.64	39.51 -0.14 -2.15	40.18 -0.23 -1.95
HELLGATE_13_KV_LD 55870	38.24 2.05 0.00	36.17 1.82 0.00	24.02 1.25 0.00	23.56 1.12 0.00	19.93 0.86 -0.07	24.05 1.08 0.00	34.77 1.71 0.00	39.33 2.31 0.00	27.63 1.91 0.00	27.51 2.11 0.00	29.13 2.41 0.00	32.63 2.69 -0.20	40.34 3.18 -1.68	40.84 3.31 0.00	42.11 3.47 0.00	39.86 3.19 0.00	46.09 2.95 0.00	51.65 3.08 0.00	50.63 2.95 0.00	40.70 2.35 0.00	39.93 1.97 0.00	40.28 2.13 0.00	39.68 2.18 0.00	40.55 2.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.24 2.05 0.00	36.17 1.82 0.00	24.02 1.25 0.00	23.56 1.12 0.00	19.93 0.86 -0.07	24.05 1.08 0.00	34.77 1.71 0.00	39.33 2.31 0.00	27.63 1.91 0.00	27.51 2.11 0.00	29.13 2.41 0.00	32.63 2.69 -0.20	40.34 3.18 -1.68	40.84 3.31 0.00	42.11 3.47 0.00	39.86 3.19 0.00	46.09 2.95 0.00	51.65 3.08 0.00	50.63 2.95 0.00	40.70 2.35 0.00	39.93 1.97 0.00	40.28 2.13 0.00	39.68 2.18 0.00	40.55 2.09 0.00
HEMPSTEAD___ 23647	37.66 1.47 0.00	35.66 1.32 0.00	23.65 0.88 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.73 0.75 0.00	34.10 1.05 0.00	38.54 1.52 0.00	27.02 1.31 0.00	26.98 1.58 0.00	46.99 2.04 -18.23	49.12 2.25 -17.14	47.28 2.66 -9.15	52.31 2.69 -12.09	50.78 2.88 -9.26	47.82 2.62 -8.53	45.50 2.36 0.00	50.97 2.40 0.00	50.00 2.32 0.00	40.95 1.89 -0.70	39.31 1.34 0.00	40.92 1.55 -1.21	39.00 1.50 0.00	40.00 1.54 0.00
HICKLING___1 23621	37.19 0.06 -0.94	35.08 -0.02 -0.75	22.73 -0.04 0.00	22.56 0.13 0.00	19.08 0.08 0.00	23.10 0.11 -0.01	33.66 -0.11 -0.71	38.27 0.10 -1.16	26.22 0.26 -0.25	25.50 0.10 0.00	27.15 0.26 -0.16	30.75 0.44 -0.56	37.21 0.62 -1.12	39.42 0.57 -1.32	41.28 1.11 -1.53	38.88 0.90 -1.30	46.91 1.23 -2.55	53.60 1.30 -3.74	52.17 1.28 -3.21	41.44 0.89 -2.20	40.93 0.80 -2.17	40.95 0.74 -2.06	39.94 0.77 -1.68	40.65 0.67 -1.52
HICKLING___2 23622	37.19 0.06 -0.94	35.08 -0.02 -0.75	22.73 -0.04 0.00	22.56 0.13 0.00	19.08 0.08 0.00	23.10 0.11 -0.01	33.66 -0.11 -0.71	38.27 0.10 -1.16	26.22 0.26 -0.25	25.50 0.10 0.00	27.15 0.26 -0.16	30.75 0.44 -0.56	37.21 0.62 -1.12	39.42 0.57 -1.32	41.28 1.11 -1.53	38.88 0.90 -1.30	46.91 1.23 -2.55	53.60 1.30 -3.74	52.17 1.28 -3.21	41.44 0.89 -2.20	40.93 0.80 -2.17	40.95 0.74 -2.06	39.94 0.77 -1.68	40.65 0.67 -1.52
HIGH FALLS___HY 23754	37.88 1.69 0.00	35.82 1.47 0.00	23.75 0.98 0.00	23.33 0.89 0.00	19.72 0.69 -0.04	23.84 0.86 0.00	34.48 1.42 0.00	39.02 2.00 0.00	27.36 1.65 0.00	27.15 1.75 0.00	28.69 1.97 0.00	31.98 2.11 -0.13	39.02 2.40 -1.13	36.77 2.49 3.25	41.50 2.85 0.00	39.25 2.58 0.00	45.82 2.68 0.00	51.57 3.01 0.00	50.62 2.94 0.00	40.70 2.35 0.00	39.89 1.93 0.00	40.15 2.00 0.00	39.46 1.96 0.00	40.28 1.81 0.00
HIGH_RIVER___SOLAR 323847	37.17 0.98 0.00	35.29 0.93 0.00	23.43 0.66 0.00	23.07 0.64 0.00	19.47 0.52 0.04	23.61 0.63 0.00	34.05 0.99 0.00	38.25 1.23 0.00	26.33 0.62 0.00	25.74 0.34 0.00	26.74 0.02 0.00	29.57 -0.07 0.10	34.65 0.02 0.84	37.69 0.15 0.00	38.81 0.17 0.00	36.94 0.27 0.00	43.95 0.81 0.00	49.86 1.30 0.00	49.29 1.61 0.00	39.65 1.29 0.00	39.12 1.15 0.00	39.25 1.10 0.00	38.54 1.03 0.00	39.47 1.01 0.00
HILLBURN___GT 23639	37.62 1.44 0.00	35.58 1.23 0.00	23.60 0.82 0.00	23.17 0.74 0.00	19.62 0.56 -0.06	23.72 0.74 0.00	34.29 1.23 0.00	38.81 1.80 0.00	27.16 1.45 0.00	26.98 1.58 0.00	28.56 1.84 0.00	31.98 2.05 -0.19	39.49 2.45 -1.57	40.09 2.55 0.00	41.45 2.80 0.00	39.19 2.52 0.00	45.50 2.36 0.00	51.21 2.64 0.00	50.24 2.56 0.00	40.30 1.94 0.00	39.49 1.53 0.00	39.81 1.66 0.00	39.14 1.64 0.00	40.01 1.55 0.00
HILLSIDE_115KV_TB1 80332	36.67 -0.46 -0.94	34.57 -0.53 -0.75	22.42 -0.36 0.00	22.25 -0.18 0.00	18.80 -0.20 0.00	22.74 -0.24 -0.01	33.22 -0.56 -0.71	37.79 -0.39 -1.16	25.92 -0.04 -0.25	25.24 -0.16 0.00	26.85 -0.04 -0.16	30.38 0.07 -0.56	36.77 0.18 -1.11	38.94 0.09 -1.32	40.81 0.64 -1.52	38.33 0.36 -1.30	46.16 0.48 -2.54	52.69 0.40 -3.74	51.27 0.37 -3.21	40.73 0.18 -2.19	40.25 0.12 -2.16	40.30 0.10 -2.05	39.29 0.12 -1.67	39.98 0.00 -1.51

HISHELDN_WT_PWR 323625	36.89 -0.10 -0.80	34.98 -0.01 -0.64	22.71 -0.07 0.00	22.54 0.11 0.00	19.08 0.09 0.00	23.06 0.08 -0.01	33.09 -0.58 -0.61	37.52 -0.53 -1.03	25.80 -0.14 -0.22	25.27 -0.13 0.00	27.09 0.23 -0.14	30.63 0.38 -0.50	37.03 0.56 -1.00	39.28 0.56 -1.18	40.79 0.78 -1.36	38.59 0.76 -1.16	46.51 1.11 -2.27	52.91 1.02 -3.34	51.54 1.00 -2.86	40.99 0.68 -1.96	40.52 0.62 -1.93	40.62 0.63 -1.83	40.02 1.03 -1.49	40.95 1.13 -1.35
HOLTSVILLE_IC_1 23690	37.25 1.07 0.00	35.26 0.91 0.00	23.49 0.71 0.00	22.99 0.55 0.00	19.41 0.35 -0.07	23.54 0.57 0.00	33.78 0.72 0.00	38.22 1.20 0.00	26.84 1.13 0.00	26.59 1.19 0.00	40.65 1.73 -12.19	43.07 1.80 -11.53	44.26 2.11 -6.67	47.71 2.09 -8.08	47.15 2.31 -6.19	44.53 2.15 -5.71	44.81 1.67 0.00	49.87 1.30 0.00	48.99 1.31 0.00	40.08 1.26 -0.47	38.84 0.87 0.00	39.91 0.95 -0.81	38.50 1.00 0.00	39.40 0.94 0.00
HOLTSVILLE_IC_10 23699	37.46 1.27 0.00	35.45 1.10 0.00	23.60 0.83 0.00	23.09 0.66 0.00	19.50 0.44 -0.07	23.66 0.68 0.00	33.97 0.91 0.00	38.44 1.42 0.00	26.99 1.27 0.00	26.73 1.34 0.00	40.90 1.88 -12.30	43.35 1.99 -11.62	44.52 2.33 -6.72	48.02 2.33 -8.15	47.47 2.59 -6.24	44.84 2.41 -5.75	45.13 1.99 0.00	50.20 1.63 0.00	49.32 1.64 0.00	40.35 1.53 -0.47	39.11 1.14 0.00	40.16 1.19 -0.82	38.73 1.22 0.00	39.63 1.17 0.00
HOLTSVILLE_IC_2 23691	37.25 1.07 0.00	35.26 0.91 0.00	23.49 0.71 0.00	22.99 0.55 0.00	19.41 0.35 -0.07	23.54 0.57 0.00	33.78 0.72 0.00	38.22 1.20 0.00	26.84 1.13 0.00	26.59 1.19 0.00	40.65 1.73 -12.19	43.07 1.80 -11.53	44.26 2.11 -6.67	47.71 2.09 -8.08	47.15 2.31 -6.19	44.53 2.15 -5.71	44.81 1.67 0.00	49.87 1.30 0.00	48.99 1.31 0.00	40.08 1.26 -0.47	38.84 0.87 0.00	39.91 0.95 -0.81	38.50 1.00 0.00	39.40 0.94 0.00
HOLTSVILLE_IC_3 23692	37.25 1.07 0.00	35.26 0.91 0.00	23.49 0.71 0.00	22.99 0.55 0.00	19.41 0.35 -0.07	23.54 0.57 0.00	33.78 0.72 0.00	38.22 1.20 0.00	26.84 1.13 0.00	26.59 1.19 0.00	40.65 1.73 -12.19	43.07 1.80 -11.53	44.26 2.11 -6.67	47.71 2.09 -8.08	47.15 2.31 -6.19	44.53 2.15 -5.71	44.81 1.67 0.00	49.87 1.30 0.00	48.99 1.31 0.00	40.08 1.26 -0.47	38.84 0.87 0.00	39.91 0.95 -0.81	38.50 1.00 0.00	39.40 0.94 0.00
HOLTSVILLE_IC_4 23693	37.25 1.07 0.00	35.26 0.91 0.00	23.49 0.71 0.00	22.99 0.55 0.00	19.41 0.35 -0.07	23.54 0.57 0.00	33.78 0.72 0.00	38.22 1.20 0.00	26.84 1.13 0.00	26.59 1.19 0.00	40.65 1.73 -12.19	43.07 1.80 -11.53	44.26 2.11 -6.67	47.71 2.09 -8.08	47.15 2.31 -6.19	44.53 2.15 -5.71	44.81 1.67 0.00	49.87 1.30 0.00	48.99 1.31 0.00	40.08 1.26 -0.47	38.84 0.87 0.00	39.91 0.95 -0.81	38.50 1.00 0.00	39.40 0.94 0.00
HOLTSVILLE_IC_5 23694	37.25 1.07 0.00	35.26 0.91 0.00	23.49 0.71 0.00	22.99 0.55 0.00	19.41 0.35 -0.07	23.54 0.57 0.00	33.78 0.72 0.00	38.22 1.20 0.00	26.84 1.13 0.00	26.59 1.19 0.00	40.65 1.73 -12.19	43.07 1.80 -11.53	44.26 2.11 -6.67	47.71 2.09 -8.08	47.15 2.31 -6.19	44.53 2.15 -5.71	44.81 1.67 0.00	49.87 1.30 0.00	48.99 1.31 0.00	40.08 1.26 -0.47	38.84 0.87 0.00	39.91 0.95 -0.81	38.50 1.00 0.00	39.40 0.94 0.00
HOLTSVILLE_IC_6 23695	37.46 1.27 0.00	35.45 1.10 0.00	23.60 0.83 0.00	23.09 0.66 0.00	19.50 0.44 -0.07	23.66 0.68 0.00	33.97 0.91 0.00	38.44 1.42 0.00	26.99 1.27 0.00	26.73 1.34 0.00	40.90 1.88 -12.30	43.35 1.99 -11.62	44.52 2.33 -6.72	48.02 2.33 -8.15	47.47 2.59 -6.24	44.84 2.41 -5.75	45.13 1.99 0.00	50.20 1.63 0.00	49.32 1.64 0.00	40.35 1.53 -0.47	39.11 1.14 0.00	40.16 1.19 -0.82	38.73 1.22 0.00	39.63 1.17 0.00
HOLTSVILLE_IC_7 23696	37.46 1.27 0.00	35.45 1.10 0.00	23.60 0.83 0.00	23.09 0.66 0.00	19.50 0.44 -0.07	23.66 0.68 0.00	33.97 0.91 0.00	38.44 1.42 0.00	26.99 1.27 0.00	26.73 1.34 0.00	40.90 1.88 -12.30	43.35 1.99 -11.62	44.52 2.33 -6.72	48.02 2.33 -8.15	47.47 2.59 -6.24	44.84 2.41 -5.75	45.13 1.99 0.00	50.20 1.63 0.00	49.32 1.64 0.00	40.35 1.53 -0.47	39.11 1.14 0.00	40.16 1.19 -0.82	38.73 1.22 0.00	39.63 1.17 0.00
HOLTSVILLE_IC_8 23697	37.46 1.27 0.00	35.45 1.10 0.00	23.60 0.83 0.00	23.09 0.66 0.00	19.50 0.44 -0.07	23.66 0.68 0.00	33.97 0.91 0.00	38.44 1.42 0.00	26.99 1.27 0.00	26.73 1.34 0.00	40.90 1.88 -12.30	43.35 1.99 -11.62	44.52 2.33 -6.72	48.02 2.33 -8.15	47.47 2.59 -6.24	44.84 2.41 -5.75	45.13 1.99 0.00	50.20 1.63 0.00	49.32 1.64 0.00	40.35 1.53 -0.47	39.11 1.14 0.00	40.16 1.19 -0.82	38.73 1.22 0.00	39.63 1.17 0.00
HOLTSVILLE_IC_9 23698	37.46 1.27 0.00	35.45 1.10 0.00	23.60 0.83 0.00	23.09 0.66 0.00	19.50 0.44 -0.07	23.66 0.68 0.00	33.97 0.91 0.00	38.44 1.42 0.00	26.99 1.27 0.00	26.73 1.34 0.00	40.90 1.88 -12.30	43.35 1.99 -11.62	44.52 2.33 -6.72	48.02 2.33 -8.15	47.47 2.59 -6.24	44.84 2.41 -5.75	45.13 1.99 0.00	50.20 1.63 0.00	49.32 1.64 0.00	40.35 1.53 -0.47	39.11 1.14 0.00	40.16 1.19 -0.82	38.73 1.22 0.00	39.63 1.17 0.00
HOMER_HL_115KV_TB2 355744	36.71 -0.25 -0.78	34.81 -0.16 -0.62	22.61 -0.16 0.00	22.45 0.02 0.00	19.00 0.00 0.00	23.02 0.04 -0.01	33.38 -0.28 -0.59	38.09 0.06 -1.01	26.15 0.22 -0.22	25.62 0.22 0.00	27.32 0.45 -0.14	30.92 0.69 -0.49	37.36 0.91 -0.97	39.54 0.85 -1.15	41.33 1.36 -1.33	38.77 0.97 -1.13	46.50 1.15 -2.21	53.04 1.23 -3.25	51.61 1.14 -2.79	40.91 0.64 -1.91	40.34 0.50 -1.88	40.45 0.52 -1.79	39.77 0.81 -1.45	40.68 0.90 -1.32
HOWARD_WT_PWR 323690	37.31 0.19 -0.93	35.35 0.26 -0.73	22.87 0.09 0.00	22.67 0.24 0.00	19.12 0.12 0.00	22.94 -0.04 -0.01	33.09 -0.66 -0.70	37.63 -0.54 -1.15	25.85 -0.11 -0.25	25.29 -0.11 0.00	27.03 0.14 -0.16	30.63 0.33 -0.56	37.17 0.58 -1.11	39.40 0.54 -1.31	41.17 1.01 -1.52	38.90 0.93 -1.30	47.12 1.44 -2.53	53.92 1.63 -3.73	52.58 1.70 -3.20	41.85 1.31 -2.19	41.31 1.19 -2.16	41.31 1.12 -2.05	40.45 1.28 -1.67	41.25 1.27 -1.51
HQ_GEN_CEDARS 23644	36.84 0.65 0.00	34.93 0.58 0.00	23.00 0.22 0.00	22.61 0.18 0.00	19.27 0.27 0.00	23.36 0.38 0.00	33.62 0.56 0.00	37.35 0.33 0.00	25.94 0.23 0.00	25.62 0.22 0.00	26.89 0.17 0.00	29.90 0.16 0.00	35.60 0.12 0.00	37.59 0.05 0.00	38.50 -0.14 0.00	36.56 -0.11 0.00	43.14 0.00 0.00	48.39 -0.18 0.00	47.50 -0.18 0.00	38.32 -0.04 0.00	38.41 0.25 -0.20	40.42 0.38 -1.89	38.65 0.52 -0.63	39.11 0.64 0.00
HQ_GEN_CEDARS_PROXY 323590	36.84 0.65 0.00	34.93 0.58 0.00	23.00 0.22 0.00	22.61 0.18 0.00	19.27 0.27 0.00	23.19 0.38 0.17	33.90 0.56 -0.27	37.35 0.33 0.00	25.14 0.23 0.81	25.62 0.22 0.00	26.89 0.17 0.00	29.90 0.16 0.00	35.60 0.12 0.00	37.59 0.05 0.00	38.50 -0.14 0.00	35.68 -0.11 0.88	43.14 0.00 0.00	48.39 -0.18 0.00	47.50 -0.18 0.00	38.32 -0.04 0.00	38.41 0.25 -0.20	40.42 0.38 -1.89	38.65 0.52 -0.63	39.11 0.64 0.00

HQ_GEN_IMPORT 323601	36.45 0.26 0.00	34.57 0.23 0.00	22.85 0.07 0.00	22.48 0.04 0.00	19.09 0.10 0.00	23.00 0.14 0.11	33.25 0.19 0.00	37.03 0.02 0.00	25.73 0.02 0.00	25.45 0.05 0.00	26.75 0.03 0.00	29.75 0.01 0.00	35.46 -0.02 0.00	37.48 -0.06 0.00	42.21 -0.17 -3.75	36.51 -0.15 0.00	43.91 -0.09 -0.85	48.38 -0.18 0.00	47.46 -0.22 0.00	38.26 -0.09 0.00	38.04 0.07 0.00	38.25 0.10 0.00	37.66 0.16 0.00	38.70 0.24 0.00
HQ_GEN_WHEEL 23651	36.45 0.26 0.00	34.57 0.23 0.00	22.85 0.07 0.00	22.48 0.04 0.00	19.09 0.10 0.00	23.00 0.14 0.11	33.25 0.19 0.00	37.03 0.02 0.00	25.73 0.02 0.00	25.45 0.05 0.00	26.75 0.03 0.00	29.75 0.01 0.00	35.46 -0.02 0.00	37.48 -0.06 0.00	42.21 -0.17 -3.75	36.51 -0.15 0.00	43.91 -0.09 -0.85	48.38 -0.18 0.00	47.46 -0.22 0.00	38.26 -0.09 0.00	38.04 0.07 0.00	38.25 0.10 0.00	37.66 0.16 0.00	38.70 0.24 0.00
HUDSON AVE_GT_3 23810	38.04 1.85 0.00	35.97 1.62 0.00	23.85 1.08 0.00	23.42 0.99 0.00	19.82 0.76 -0.07	23.92 0.95 0.00	34.59 1.53 0.00	39.16 2.14 0.00	27.48 1.77 0.00	27.35 1.95 0.00	28.96 2.24 0.00	32.44 2.50 -0.20	40.06 2.90 -1.68	40.58 3.04 0.00	41.90 3.26 0.00	39.64 2.97 0.00	45.93 2.79 0.00	51.47 2.91 0.00	50.49 2.81 0.00	40.54 2.18 0.00	39.78 1.81 0.00	40.12 1.97 0.00	39.49 1.99 0.00	40.36 1.89 0.00
HUDSON AVE_GT_4 23540	38.04 1.85 0.00	35.97 1.62 0.00	23.85 1.08 0.00	23.42 0.99 0.00	19.82 0.76 -0.07	23.92 0.95 0.00	34.59 1.53 0.00	39.16 2.14 0.00	27.48 1.77 0.00	27.35 1.95 0.00	28.96 2.24 0.00	32.44 2.50 -0.20	40.06 2.90 -1.68	40.58 3.04 0.00	41.90 3.26 0.00	39.64 2.97 0.00	45.93 2.79 0.00	51.47 2.91 0.00	50.49 2.81 0.00	40.54 2.18 0.00	39.78 1.81 0.00	40.12 1.97 0.00	39.49 1.99 0.00	40.36 1.89 0.00
HUDSON AVE_GT_5 23657	38.04 1.85 0.00	35.97 1.62 0.00	23.85 1.08 0.00	23.42 0.99 0.00	19.82 0.76 -0.07	23.92 0.95 0.00	34.59 1.53 0.00	39.16 2.14 0.00	27.48 1.77 0.00	27.35 1.95 0.00	28.96 2.24 0.00	32.44 2.50 -0.20	40.06 2.90 -1.68	40.58 3.04 0.00	41.90 3.26 0.00	39.64 2.97 0.00	45.93 2.79 0.00	51.47 2.91 0.00	50.49 2.81 0.00	40.54 2.18 0.00	39.78 1.81 0.00	40.12 1.97 0.00	39.49 1.99 0.00	40.36 1.89 0.00
HUDSON_AVE_10 24168	37.87 1.68 0.00	35.82 1.46 0.00	23.75 0.97 0.00	23.32 0.89 0.00	19.74 0.68 -0.07	23.82 0.84 0.00	34.44 1.39 0.00	38.99 1.97 0.00	27.36 1.65 0.00	27.24 1.84 0.00	28.83 2.11 0.00	32.30 2.36 -0.20	39.88 2.72 -1.68	40.40 2.86 0.00	41.72 3.08 0.00	39.46 2.79 0.00	45.72 2.58 0.00	51.25 2.69 0.00	50.25 2.58 0.00	40.36 2.00 0.00	39.59 1.63 0.00	39.95 1.80 0.00	39.37 1.86 0.00	40.21 1.75 0.00
HUDSON___115KV_TB 4 355613	36.48 0.29 0.00	34.64 0.29 0.00	23.11 0.33 0.00	22.77 0.34 0.00	19.18 0.22 0.03	23.23 0.26 0.00	33.49 0.43 0.00	37.81 0.79 0.00	26.42 0.71 0.00	25.71 0.31 0.00	26.91 0.19 0.01	30.07 0.33 0.00	35.85 0.37 0.00	20.44 0.31 17.40	38.91 0.26 0.00	37.17 0.50 0.00	43.47 0.33 0.00	50.05 1.49 0.00	49.57 1.89 0.00	39.89 1.53 0.00	39.28 1.32 0.00	39.30 1.15 0.00	38.46 0.95 0.00	39.30 0.84 0.00
HUNTER MOUNT___DRP 323613	36.44 0.25 0.00	34.62 0.27 0.00	23.09 0.31 0.00	22.75 0.32 0.00	19.18 0.20 0.02	23.22 0.24 0.00	33.48 0.42 0.00	37.81 0.79 0.00	26.29 0.57 0.00	25.61 0.21 0.00	26.78 0.06 0.01	29.95 0.21 0.00	35.71 0.24 0.00	20.03 0.13 17.63	38.72 0.07 0.00	36.94 0.27 0.00	43.43 0.28 0.00	49.78 1.22 0.00	49.24 1.56 0.00	39.60 1.25 0.00	39.02 1.06 0.00	39.03 0.88 0.00	38.19 0.69 0.00	39.05 0.58 0.00
HUNTINGTON_RES_REC 323705	37.51 1.32 0.00	35.53 1.18 0.00	23.60 0.82 0.00	23.10 0.67 0.00	19.53 0.47 -0.07	23.66 0.69 0.00	33.95 0.89 0.00	38.38 1.36 0.00	26.89 1.18 0.00	26.67 1.27 0.00	40.95 1.89 -12.34	43.43 2.03 -11.67	44.61 2.40 -6.74	48.06 2.34 -8.18	47.41 2.50 -6.27	44.71 2.27 -5.78	44.91 1.78 0.00	50.08 1.51 0.00	49.18 1.50 0.00	40.20 1.37 -0.47	38.94 0.98 0.00	40.11 1.13 -0.82	38.69 1.19 0.00	39.70 1.23 0.00
HUNTLEY___63 23557	36.90 -0.04 -0.75	35.04 0.10 -0.59	22.77 0.00 0.00	22.61 0.17 0.00	19.17 0.18 0.00	23.19 0.21 -0.01	33.12 -0.51 -0.57	37.57 -0.44 -0.99	25.88 -0.05 -0.21	25.42 0.02 0.00	27.32 0.46 -0.14	30.83 0.61 -0.48	37.23 0.80 -0.95	39.49 0.83 -1.12	40.90 0.96 -1.30	38.76 0.98 -1.10	46.59 1.30 -2.16	52.93 1.20 -3.17	51.54 1.14 -2.73	40.90 0.68 -1.86	40.46 0.66 -1.84	40.62 0.73 -1.74	40.20 1.28 -1.42	41.25 1.50 -1.29
HUNTLEY___64 23558	36.90 -0.04 -0.75	35.04 0.10 -0.59	22.77 0.00 0.00	22.61 0.17 0.00	19.17 0.18 0.00	23.19 0.21 -0.01	33.12 -0.51 -0.57	37.57 -0.44 -0.99	25.88 -0.05 -0.21	25.42 0.02 0.00	27.32 0.46 -0.14	30.83 0.61 -0.48	37.23 0.80 -0.95	39.49 0.83 -1.12	40.90 0.96 -1.30	38.76 0.98 -1.10	46.59 1.30 -2.16	52.93 1.20 -3.17	51.54 1.14 -2.73	40.90 0.68 -1.86	40.46 0.66 -1.84	40.62 0.73 -1.74	40.20 1.28 -1.42	41.25 1.50 -1.29
HUNTLEY___65 23559	36.90 -0.04 -0.75	35.04 0.10 -0.59	22.77 0.00 0.00	22.61 0.17 0.00	19.17 0.18 0.00	23.19 0.21 -0.01	33.12 -0.51 -0.57	37.57 -0.44 -0.99	25.88 -0.05 -0.21	25.42 0.02 0.00	27.32 0.46 -0.14	30.83 0.61 -0.48	37.23 0.80 -0.95	39.49 0.83 -1.12	40.90 0.96 -1.30	38.76 0.98 -1.10	46.59 1.30 -2.16	52.93 1.20 -3.17	51.54 1.14 -2.73	40.90 0.68 -1.86	40.46 0.66 -1.84	40.62 0.73 -1.74	40.20 1.28 -1.42	41.25 1.50 -1.29
HUNTLEY___66 23560	36.90 -0.04 -0.75	35.04 0.10 -0.59	22.77 0.00 0.00	22.61 0.17 0.00	19.17 0.18 0.00	23.19 0.21 -0.01	33.12 -0.51 -0.57	37.57 -0.44 -0.99	25.88 -0.05 -0.21	25.42 0.02 0.00	27.32 0.46 -0.14	30.83 0.61 -0.48	37.23 0.80 -0.95	39.49 0.83 -1.12	40.90 0.96 -1.30	38.76 0.98 -1.10	46.59 1.30 -2.16	52.93 1.20 -3.17	51.54 1.14 -2.73	40.90 0.68 -1.86	40.46 0.66 -1.84	40.62 0.73 -1.74	40.20 1.28 -1.42	41.25 1.50 -1.29
HUNTLEY___67 23561	36.66 -0.27 -0.75	34.82 -0.13 -0.59	22.63 -0.14 0.00	22.46 0.03 0.00	19.04 0.05 0.00	23.02 0.04 -0.01	32.92 -0.71 -0.57	37.35 -0.65 -0.98	25.73 -0.20 -0.21	25.28 -0.12 0.00	27.16 0.30 -0.14	30.67 0.45 -0.48	37.04 0.61 -0.95	39.29 0.63 -1.12	40.70 0.76 -1.29	38.50 0.72 -1.10	46.29 1.00 -2.15	52.53 0.80 -3.17	51.13 0.73 -2.72	40.57 0.36 -1.86	40.15 0.35 -1.83	40.32 0.43 -1.74	39.88 0.96 -1.42	40.91 1.16 -1.28
HUNTLEY___68 23562	36.66 -0.27 -0.75	34.82 -0.13 -0.59	22.63 -0.14 0.00	22.46 0.03 0.00	19.04 0.05 0.00	23.02 0.04 -0.01	32.92 -0.71 -0.57	37.35 -0.65 -0.98	25.73 -0.20 -0.21	25.28 -0.12 0.00	27.16 0.30 -0.14	30.67 0.45 -0.48	37.04 0.61 -0.95	39.29 0.63 -1.12	40.70 0.76 -1.29	38.50 0.72 -1.10	46.29 1.00 -2.15	52.53 0.80 -3.17	51.13 0.73 -2.72	40.57 0.36 -1.86	40.15 0.35 -1.83	40.32 0.43 -1.74	39.88 0.96 -1.42	40.91 1.16 -1.28



HYLAND___LFGE 323620	38.62 1.60 -0.83	36.55 1.54 -0.66	23.72 0.94 0.00	23.49 1.05 0.00	19.90 0.90 0.00	24.15 1.17 -0.01	35.16 1.48 -0.63	40.03 1.95 -1.06	27.09 1.15 -0.23	25.92 0.52 0.00	27.65 0.78 -0.15	31.25 1.00 -0.52	37.97 1.47 -1.02	40.32 1.57 -1.21	41.90 1.86 -1.40	39.70 1.84 -1.19	47.97 2.50 -2.33	55.42 3.43 -3.42	54.73 4.11 -2.94	43.89 3.52 -2.01	43.29 3.35 -1.98	43.16 3.13 -1.88	42.19 3.16 -1.53	42.91 3.06 -1.39
INDECK___CORINTH 23802	37.08 0.90 0.00	35.12 0.77 0.00	23.30 0.53 0.00	22.97 0.54 0.00	19.37 0.44 0.06	23.55 0.58 0.00	34.04 0.98 0.00	38.32 1.31 0.00	26.36 0.65 0.00	26.05 0.66 0.00	27.24 0.51 0.00	30.09 0.49 0.14	34.83 0.58 1.22	38.29 0.76 0.00	39.43 0.78 0.00	37.45 0.78 0.00	44.18 1.04 0.00	50.05 1.48 0.00	49.50 1.82 0.00	39.72 1.37 0.00	39.13 1.17 0.00	39.09 0.93 0.00	38.20 0.70 0.00	39.21 0.74 0.00
INDECK___ILION 23567	36.33 0.14 0.00	34.48 0.13 0.00	22.89 0.11 0.00	22.54 0.11 0.00	19.07 0.07 0.00	23.06 0.09 0.00	33.22 0.16 0.00	37.27 0.25 0.00	25.87 0.15 0.00	25.52 0.13 0.00	26.85 0.13 0.00	29.87 0.14 0.00	35.65 0.17 0.00	37.74 0.20 0.00	38.89 0.25 0.00	36.91 0.24 0.00	43.40 0.26 0.00	48.96 0.40 0.00	48.09 0.41 0.00	38.65 0.29 0.00	38.17 0.20 0.00	38.34 0.19 0.00	37.65 0.14 0.00	38.57 0.11 0.00
INDECK___OLEAN 23982	36.71 -0.25 -0.78	34.80 -0.17 -0.62	22.61 -0.16 0.00	22.45 0.02 0.00	18.99 0.00 0.00	23.02 0.04 -0.01	33.38 -0.27 -0.59	38.07 0.04 -1.01	26.14 0.21 -0.22	25.63 0.23 0.00	27.32 0.45 -0.14	30.93 0.69 -0.49	37.37 0.93 -0.97	39.53 0.84 -1.15	41.29 1.31 -1.33	38.76 0.96 -1.13	46.47 1.12 -2.21	53.03 1.22 -3.25	51.59 1.12 -2.79	40.90 0.64 -1.91	40.34 0.49 -1.88	40.43 0.49 -1.79	39.77 0.82 -1.45	40.67 0.89 -1.32
INDECK___OSWEGO 23783	38.99 -0.73 -3.53	36.44 -0.71 -2.80	22.32 -0.45 0.00	22.02 -0.42 0.00	18.63 -0.36 0.00	22.57 -0.43 -0.03	35.09 -0.61 -2.65	40.58 -0.61 -4.18	26.16 -0.46 -0.90	24.85 -0.56 -0.01	26.71 -0.59 -0.58	31.11 -0.66 -2.03	38.76 -0.72 -4.01	41.49 -0.75 -4.70	43.38 -0.69 -5.43	40.65 -0.66 -4.63	51.46 -0.72 -9.04	61.22 -0.64 -13.30	58.57 -0.53 -11.42	45.70 -0.45 -7.80	45.11 -0.55 -7.69	44.86 -0.59 -7.30	42.79 -0.66 -5.95	43.07 -0.78 -5.39
INDECK___YERKES 23781	36.92 -0.01 -0.75	35.07 0.12 -0.59	22.80 0.02 0.00	22.63 0.19 0.00	19.18 0.19 0.00	23.21 0.23 -0.01	33.15 -0.48 -0.57	37.58 -0.43 -0.99	25.88 -0.04 -0.21	25.45 0.05 0.00	27.35 0.49 -0.14	30.86 0.64 -0.48	37.27 0.84 -0.95	39.53 0.87 -1.12	40.87 0.94 -1.30	38.78 1.00 -1.10	46.60 1.31 -2.16	52.98 1.24 -3.17	51.58 1.17 -2.73	40.94 0.72 -1.86	40.50 0.70 -1.84	40.62 0.73 -1.74	40.23 1.31 -1.42	41.28 1.53 -1.29
INDIAN POINT_GT_1 24139	37.57 1.38 0.00	35.55 1.20 0.00	23.58 0.81 0.00	23.17 0.73 0.00	19.61 0.55 -0.07	23.68 0.70 0.00	34.21 1.16 0.00	38.69 1.68 0.00	27.10 1.39 0.00	26.92 1.53 0.00	28.49 1.77 0.00	31.91 1.97 -0.20	39.46 2.33 -1.66	39.97 2.43 0.00	41.28 2.64 0.00	39.05 2.38 0.00	45.34 2.20 0.00	50.96 2.39 0.00	50.00 2.32 0.00	40.14 1.79 0.00	39.36 1.40 0.00	39.67 1.52 0.00	39.02 1.52 0.00	39.90 1.44 0.00
INDIAN POINT_GT_2 23659	37.57 1.38 0.00	35.55 1.20 0.00	23.58 0.81 0.00	23.17 0.73 0.00	19.61 0.55 -0.07	23.68 0.70 0.00	34.21 1.16 0.00	38.69 1.68 0.00	27.10 1.39 0.00	26.92 1.53 0.00	28.49 1.77 0.00	31.91 1.97 -0.20	39.46 2.33 -1.66	39.97 2.43 0.00	41.28 2.64 0.00	39.05 2.38 0.00	45.34 2.20 0.00	50.96 2.39 0.00	50.00 2.32 0.00	40.14 1.79 0.00	39.36 1.40 0.00	39.67 1.52 0.00	39.02 1.52 0.00	39.90 1.44 0.00
INDIAN POINT_GT_3 24019	37.57 1.38 0.00	35.55 1.20 0.00	23.58 0.81 0.00	23.17 0.73 0.00	19.61 0.55 -0.07	23.68 0.70 0.00	34.21 1.16 0.00	38.69 1.68 0.00	27.10 1.39 0.00	26.92 1.53 0.00	28.49 1.77 0.00	31.91 1.97 -0.20	39.46 2.33 -1.66	39.97 2.43 0.00	41.28 2.64 0.00	39.05 2.38 0.00	45.34 2.20 0.00	50.96 2.39 0.00	50.00 2.32 0.00	40.14 1.79 0.00	39.36 1.40 0.00	39.67 1.52 0.00	39.02 1.52 0.00	39.90 1.44 0.00
INDIAN POINT___2 23530	37.57 1.38 0.00	35.55 1.20 0.00	23.58 0.80 0.00	23.15 0.72 0.00	19.60 0.54 -0.06	23.67 0.69 0.00	34.21 1.15 0.00	38.70 1.68 0.00	27.10 1.39 0.00	26.92 1.52 0.00	28.49 1.77 0.00	31.91 1.98 -0.19	39.43 2.33 -1.63	39.97 2.43 0.00	41.30 2.66 0.00	39.06 2.38 0.00	45.34 2.20 0.00	50.96 2.40 0.00	50.00 2.33 0.00	40.13 1.78 0.00	39.36 1.39 0.00	39.68 1.52 0.00	39.02 1.52 0.00	39.90 1.44 0.00
INDIAN POINT___3 23531	37.53 1.35 0.00	35.52 1.17 0.00	23.57 0.79 0.00	23.15 0.71 0.00	19.59 0.53 -0.07	23.65 0.68 0.00	34.18 1.13 0.00	38.66 1.64 0.00	27.07 1.36 0.00	26.89 1.50 0.00	28.46 1.74 0.00	31.87 1.93 -0.20	39.41 2.27 -1.66	39.92 2.39 0.00	41.24 2.60 0.00	39.01 2.34 0.00	45.29 2.15 0.00	50.91 2.35 0.00	49.96 2.28 0.00	40.10 1.75 0.00	39.32 1.36 0.00	39.63 1.48 0.00	38.98 1.48 0.00	39.87 1.40 0.00
INGHAM_C_115KV_TB7 356103	36.48 0.29 0.00	34.73 0.38 0.00	23.27 0.49 0.00	22.95 0.51 0.00	19.29 0.30 0.00	23.35 0.38 0.00	33.84 0.78 0.00	38.26 1.24 0.00	26.19 0.48 0.00	25.24 -0.16 0.00	26.33 -0.39 0.00	29.33 -0.41 0.00	35.14 -0.33 0.00	37.21 -0.33 0.00	38.38 -0.27 0.00	36.51 -0.16 0.00	43.25 0.11 0.00	49.64 1.08 0.00	49.39 1.71 0.00	39.60 1.25 0.00	38.87 0.90 0.00	38.98 0.83 0.00	38.06 0.56 0.00	38.82 0.36 0.00
IP CORINTH___1 23988	37.30 1.11 0.00	35.31 0.96 0.00	23.42 0.65 0.00	23.09 0.66 0.00	19.48 0.54 0.06	23.68 0.71 0.00	34.23 1.17 0.00	38.54 1.53 0.00	26.51 0.80 0.00	26.19 0.79 0.00	27.38 0.66 0.00	30.25 0.66 0.14	35.04 0.79 1.22	38.52 0.98 0.00	39.65 1.01 0.00	37.67 1.00 0.00	44.43 1.29 0.00	50.33 1.77 0.00	49.78 2.11 0.00	39.95 1.59 0.00	39.36 1.39 0.00	39.31 1.17 0.00	38.42 0.92 0.00	39.44 0.97 0.00
IP___TICONDEROGA 23804	39.40 3.21 0.00	36.84 2.49 0.00	24.30 1.53 0.00	23.93 1.49 0.00	20.24 1.30 0.06	24.71 1.74 0.00	36.16 3.10 0.00	40.72 3.70 0.00	27.60 1.89 0.00	27.39 1.98 0.00	28.45 1.73 0.00	31.42 1.83 0.15	36.32 2.09 1.26	39.98 2.44 0.00	41.20 2.56 0.00	39.03 2.37 0.00	46.04 2.91 0.00	52.51 3.95 0.00	52.62 4.94 0.00	42.19 3.83 0.00	41.63 3.66 0.00	41.18 3.03 0.00	40.04 2.54 0.00	41.26 2.79 0.00
ISLIP_RES_REC 323679	37.63 1.44 0.00	35.59 1.24 0.00	23.70 0.92 0.00	23.18 0.75 0.00	19.58 0.51 -0.07	23.75 0.78 0.00	34.13 1.07 0.00	38.63 1.61 0.00	27.13 1.42 0.00	26.88 1.48 0.00	41.12 2.03 -12.36	43.59 2.17 -11.68	44.76 2.54 -6.75	48.30 2.56 -8.20	47.77 2.85 -6.28	45.12 2.67 -5.78	45.43 2.29 0.00	50.54 1.98 0.00	49.67 1.99 0.00	40.63 1.81 -0.47	39.34 1.38 0.00	40.38 1.41 -0.82	38.93 1.43 0.00	39.81 1.35 0.00

JAMAICA__27_KV_LOAD 355505	38.05 1.87 0.00	35.98 1.63 0.00	23.85 1.08 0.00	23.42 0.99 0.00	19.83 0.77 -0.07	23.92 0.94 0.00	34.61 1.55 0.00	39.17 2.15 0.00	27.48 1.77 0.00	27.38 1.99 0.00	28.95 2.23 0.00	32.46 2.53 -0.20	40.06 2.90 -1.68	40.62 3.08 0.00	41.97 3.32 0.00	39.67 2.99 0.00	45.99 2.85 0.00	51.57 3.00 0.00	50.57 2.89 0.00	40.57 2.22 0.00	39.80 1.83 0.00	40.15 2.00 0.00	39.66 2.16 0.00	40.50 2.04 0.00
JANIS__SOLAR 323808	38.40 1.16 -1.05	36.25 1.06 -0.84	23.45 0.67 0.00	23.18 0.74 0.00	19.60 0.61 0.00	23.80 0.82 -0.01	35.14 1.29 -0.79	39.85 1.62 -1.22	26.92 0.95 -0.26	25.90 0.50 0.00	27.25 0.36 -0.17	30.93 0.56 -0.63	37.65 0.69 -1.48	39.68 0.72 -1.42	41.32 1.01 -1.67	39.13 1.04 -1.42	47.50 1.58 -2.78	55.06 2.41 -4.09	54.02 2.83 -3.51	43.01 2.26 -2.40	42.43 2.11 -2.36	42.34 1.95 -2.24	41.12 1.79 -1.83	41.74 1.62 -1.66
JARVIS____ 23743	36.22 0.04 0.00	34.39 0.04 0.00	22.84 0.07 0.00	22.50 0.07 0.00	19.03 0.04 0.00	23.01 0.03 0.00	33.12 0.07 0.00	37.17 0.15 0.00	25.80 0.09 0.00	25.47 0.08 0.00	26.80 0.08 0.00	29.83 0.09 0.00	35.58 0.11 0.00	37.67 0.13 0.00	38.82 0.17 0.00	36.83 0.16 0.00	43.27 0.13 0.00	48.78 0.22 0.00	47.91 0.24 0.00	38.51 0.15 0.00	38.04 0.08 0.00	38.22 0.07 0.00	37.54 0.03 0.00	38.47 0.00 0.00
JENNISON____1 23625	38.27 1.29 -0.80	36.14 1.16 -0.64	23.44 0.66 0.00	23.15 0.72 0.00	19.61 0.61 0.00	23.76 0.78 -0.01	34.93 1.28 -0.59	39.51 1.64 -0.85	27.01 1.12 -0.19	26.37 0.97 0.00	27.89 1.04 -0.12	31.41 1.20 -0.47	38.22 1.49 -1.25	39.98 1.39 -1.05	41.68 1.77 -1.27	39.43 1.68 -1.08	47.47 2.23 -2.11	54.50 2.84 -3.10	53.24 2.90 -2.67	42.26 2.09 -1.82	41.82 2.06 -1.80	41.84 1.98 -1.70	40.70 1.81 -1.39	41.39 1.67 -1.26
JENNISON____2 23626	38.27 1.29 -0.80	36.14 1.16 -0.64	23.44 0.66 0.00	23.15 0.72 0.00	19.61 0.61 0.00	23.76 0.78 -0.01	34.93 1.28 -0.59	39.51 1.64 -0.85	27.01 1.12 -0.19	26.37 0.97 0.00	27.89 1.04 -0.12	31.41 1.20 -0.47	38.22 1.49 -1.25	39.98 1.39 -1.05	41.68 1.77 -1.27	39.43 1.68 -1.08	47.47 2.23 -2.11	54.50 2.84 -3.10	53.24 2.90 -2.67	42.26 2.09 -1.82	41.82 2.06 -1.80	41.84 1.98 -1.70	40.70 1.81 -1.39	41.39 1.67 -1.26
JERICOHO_RISE_WT_PWR 323719	37.17 0.98 0.00	34.95 0.60 0.00	22.88 0.10 0.00	22.35 -0.08 0.00	19.30 0.30 0.00	23.37 0.40 0.00	33.65 0.59 0.00	37.29 0.28 0.00	25.98 0.27 0.00	25.93 0.54 0.00	27.29 0.56 0.00	30.23 0.49 0.00	35.57 0.09 0.00	37.18 -0.36 0.00	37.96 -0.69 0.00	35.96 -0.71 0.00	42.50 -0.63 0.00	47.91 -0.65 0.00	47.01 -0.67 0.00	37.46 -0.90 0.00	31.96 -1.03 4.97	-10.40 -1.07 47.49	22.50 -0.70 14.31	37.94 -0.53 0.00
KATONAH__115KV_46KV_TB4 355592	37.68 1.49 0.00	35.67 1.31 0.00	23.67 0.89 0.00	23.24 0.81 0.00	19.67 0.60 -0.07	23.75 0.77 0.00	34.33 1.27 0.00	38.82 1.81 0.00	27.19 1.48 0.00	27.02 1.62 0.00	28.58 1.86 0.00	32.01 2.07 -0.20	39.61 2.42 -1.71	40.10 2.57 0.00	41.42 2.77 0.00	39.21 2.54 0.00	45.54 2.40 0.00	51.15 2.59 0.00	50.21 2.53 0.00	40.32 1.96 0.00	39.55 1.59 0.00	39.82 1.67 0.00	39.15 1.65 0.00	40.00 1.54 0.00
KCE_NY_1 323755	37.40 1.21 0.00	35.44 1.09 0.00	23.55 0.77 0.00	23.20 0.77 0.00	19.57 0.64 0.06	23.79 0.81 0.00	34.29 1.23 0.00	38.59 1.57 0.00	26.62 0.91 0.00	26.24 0.84 0.00	27.55 0.83 0.00	30.47 0.88 0.15	35.30 1.12 1.30	38.82 1.29 0.00	39.96 1.32 0.00	37.97 1.30 0.00	44.73 1.59 0.00	50.51 1.95 0.00	49.82 2.14 0.00	39.95 1.59 0.00	39.37 1.41 0.00	39.44 1.29 0.00	38.65 1.15 0.00	39.60 1.13 0.00
KCE_NY_6_ESR 323823	37.01 0.06 -0.76	35.11 0.16 -0.60	22.82 0.05 0.00	22.66 0.23 0.00	19.19 0.20 0.00	23.21 0.23 -0.01	33.23 -0.41 -0.58	37.75 -0.26 -1.00	26.00 0.07 -0.22	25.54 0.14 0.00	27.42 0.56 -0.14	30.96 0.74 -0.48	37.41 0.98 -0.96	39.69 1.02 -1.13	41.12 1.17 -1.31	38.93 1.15 -1.12	46.84 1.52 -2.18	53.20 1.44 -3.21	51.79 1.36 -2.75	41.13 0.90 -1.88	40.68 0.86 -1.86	40.79 0.88 -1.76	40.30 1.36 -1.43	41.26 1.50 -1.30
KEDC_PORT_JEFF_GT2 24210	37.40 1.21 0.00	35.39 1.04 0.00	23.57 0.79 0.00	23.07 0.63 0.00	19.47 0.41 -0.07	23.63 0.65 0.00	33.91 0.86 0.00	38.37 1.35 0.00	26.94 1.23 0.00	26.69 1.29 0.00	40.83 1.84 -12.26	43.27 1.94 -11.59	44.45 2.27 -6.70	47.95 2.28 -8.13	47.39 2.52 -6.23	44.74 2.33 -5.74	45.02 1.87 0.00	49.82 1.26 0.00	48.95 1.28 0.00	40.08 1.25 -0.47	39.03 1.07 0.00	40.09 1.13 -0.82	38.67 1.16 0.00	39.56 1.09 0.00
KEDC_PORT_JEFF_GT3 24211	37.40 1.21 0.00	35.39 1.04 0.00	23.57 0.79 0.00	23.07 0.63 0.00	19.47 0.41 -0.07	23.63 0.65 0.00	33.91 0.86 0.00	38.37 1.35 0.00	26.94 1.23 0.00	26.69 1.29 0.00	40.83 1.84 -12.26	43.27 1.94 -11.59	44.45 2.27 -6.70	47.95 2.28 -8.13	47.39 2.52 -6.23	44.74 2.33 -5.74	45.02 1.87 0.00	49.82 1.26 0.00	48.95 1.28 0.00	40.08 1.25 -0.47	39.03 1.07 0.00	40.09 1.13 -0.82	38.67 1.16 0.00	39.56 1.09 0.00
KEDC_GLWD_GT4 24219	37.90 1.71 0.00	35.88 1.53 0.00	23.79 1.02 0.00	23.33 0.90 0.00	19.74 0.68 -0.07	23.87 0.90 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.26 1.55 0.00	27.13 1.73 0.00	49.87 2.01 -21.14	51.85 2.28 -19.84	48.41 2.59 -10.34	54.21 2.66 -14.01	52.23 2.85 -10.73	49.16 2.59 -9.89	45.49 2.35 0.00	51.00 2.43 0.00	50.03 2.35 0.00	41.05 1.89 -0.81	39.42 1.46 0.00	41.39 1.83 -1.41	39.27 1.77 0.00	40.21 1.75 0.00
KEDC_GLWD_GT5 24220	37.90 1.71 0.00	35.88 1.53 0.00	23.79 1.02 0.00	23.33 0.90 0.00	19.74 0.68 -0.07	23.87 0.90 0.00	34.39 1.33 0.00	38.88 1.86 0.00	27.26 1.55 0.00	27.13 1.73 0.00	49.87 2.01 -21.14	51.85 2.28 -19.84	48.41 2.59 -10.34	54.21 2.66 -14.01	52.23 2.85 -10.73	49.16 2.59 -9.89	45.49 2.35 0.00	51.00 2.43 0.00	50.03 2.35 0.00	41.05 1.89 -0.81	39.42 1.46 0.00	41.39 1.83 -1.41	39.27 1.77 0.00	40.21 1.75 0.00
KENSICO____ 23655	37.70 1.51 0.00	35.68 1.33 0.00	23.67 0.89 0.00	23.24 0.81 0.00	19.67 0.61 -0.07	23.75 0.77 0.00	34.32 1.27 0.00	38.82 1.81 0.00	27.21 1.49 0.00	27.04 1.64 0.00	28.63 1.90 0.00	32.05 2.11 -0.20	39.64 2.48 -1.68	40.14 2.60 0.00	41.44 2.80 0.00	39.22 2.55 0.00	45.51 2.37 0.00	51.11 2.55 0.00	50.12 2.45 0.00	40.25 1.90 0.00	39.49 1.53 0.00	39.80 1.65 0.00	39.15 1.65 0.00	40.02 1.56 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.71 1.52 0.00	35.67 1.32 0.00	23.66 0.88 0.00	23.24 0.81 0.00	19.66 0.61 -0.05	23.76 0.79 0.00	34.36 1.30 0.00	38.89 1.87 0.00	27.23 1.52 0.00	27.01 1.61 0.00	28.52 1.80 0.00	31.82 1.93 -0.14	38.90 2.21 -1.22	37.66 2.27 2.15	41.21 2.57 0.00	39.00 2.33 0.00	45.56 2.42 0.00	51.33 2.77 0.00	50.41 2.74 0.00	40.53 2.18 0.00	39.74 1.77 0.00	39.98 1.83 0.00	39.28 1.77 0.00	40.09 1.63 0.00

KIAC_JFK_GT1 23816	37.83 1.64 0.00	35.76 1.41 0.00	23.71 0.94 0.00	23.29 0.86 0.00	19.71 0.65 -0.07	23.75 0.77 0.00	34.28 1.23 0.00	38.80 1.78 0.00	27.23 1.52 0.00	27.16 1.76 0.00	28.72 2.00 0.00	32.19 2.25 -0.20	39.72 2.56 -1.68	40.25 2.71 0.00	41.58 2.94 0.00	39.29 2.63 0.00	45.55 2.41 0.00	51.06 2.50 0.00	50.07 2.40 0.00	40.19 1.83 0.00	39.41 1.44 0.00	39.76 1.61 0.00	39.28 1.78 0.00	40.24 1.78 0.00
KIAC_JFK_GT2 23817	37.83 1.64 0.00	35.76 1.41 0.00	23.71 0.94 0.00	23.29 0.86 0.00	19.71 0.65 -0.07	23.75 0.77 0.00	34.28 1.23 0.00	38.80 1.78 0.00	27.23 1.52 0.00	27.16 1.76 0.00	28.72 2.00 0.00	32.19 2.25 -0.20	39.72 2.56 -1.68	40.25 2.71 0.00	41.58 2.94 0.00	39.29 2.63 0.00	45.55 2.41 0.00	51.06 2.50 0.00	50.07 2.40 0.00	40.19 1.83 0.00	39.41 1.44 0.00	39.76 1.61 0.00	39.28 1.78 0.00	40.24 1.78 0.00
KIAC_JFK____ 323774	37.83 1.64 0.00	35.76 1.41 0.00	23.71 0.94 0.00	23.29 0.86 0.00	19.71 0.65 -0.07	23.75 0.77 0.00	34.28 1.23 0.00	38.80 1.79 0.00	27.23 1.52 0.00	27.16 1.76 0.00	28.72 2.00 0.00	32.19 2.25 -0.20	39.72 2.56 -1.68	40.25 2.71 0.00	41.59 2.95 0.00	39.30 2.63 0.00	45.56 2.42 0.00	51.06 2.50 0.00	50.07 2.40 0.00	40.19 1.83 0.00	39.41 1.44 0.00	39.78 1.62 0.00	39.29 1.78 0.00	40.24 1.78 0.00
KINTIGH__24_KV_GSU 356498	36.62 -0.28 -0.71	34.78 -0.14 -0.57	22.63 -0.14 0.00	22.45 0.02 0.00	19.03 0.04 0.00	23.02 0.04 0.00	33.00 -0.60 -0.54	37.42 -0.55 -0.95	25.75 -0.16 -0.21	25.32 -0.08 0.00	27.15 0.29 -0.13	30.64 0.43 -0.47	37.00 0.60 -0.92	39.23 0.61 -1.09	40.57 0.68 -1.26	38.43 0.69 -1.07	46.15 0.92 -2.09	52.45 0.81 -3.07	51.05 0.73 -2.64	40.53 0.37 -1.80	40.07 0.33 -1.78	40.20 0.35 -1.69	39.75 0.87 -1.38	40.76 1.05 -1.24
KINTIGH____ 23543	36.59 -0.31 -0.71	34.75 -0.16 -0.57	22.62 -0.15 0.00	22.43 0.00 0.00	19.01 0.02 0.00	23.00 0.02 0.00	32.98 -0.62 -0.54	37.42 -0.55 -0.95	25.75 -0.17 -0.21	25.29 -0.11 0.00	27.14 0.28 -0.13	30.62 0.42 -0.47	36.97 0.57 -0.92	39.21 0.59 -1.09	40.60 0.70 -1.26	38.42 0.67 -1.07	46.15 0.92 -2.09	52.43 0.79 -3.07	51.04 0.72 -2.64	40.50 0.34 -1.80	40.04 0.30 -1.78	40.20 0.36 -1.69	39.72 0.84 -1.38	40.74 1.03 -1.24
KNTFSRNC_46_KV_46KV_LOAD 80397	37.89 1.70 0.00	35.43 1.08 0.00	23.19 0.41 0.00	22.62 0.19 0.00	19.62 0.63 0.00	23.77 0.80 0.00	34.28 1.22 0.00	37.90 0.88 0.00	26.40 0.69 0.00	26.42 1.02 0.00	27.79 1.07 0.00	30.71 0.97 0.00	35.99 0.52 0.00	37.51 -0.03 0.00	38.22 -0.43 0.00	36.04 -0.63 0.00	42.58 -0.56 0.00	48.18 -0.38 0.00	47.46 -0.22 0.00	37.70 0.00 0.00	32.17 4.75 45.39	-8.32 -1.04 -1.08	35.42 -0.51 -1.57	38.17 -0.29 0.00
LACHUTE____HYDRO 323717	39.40 3.21 0.00	36.84 2.49 0.00	24.30 1.53 0.00	23.93 1.49 0.00	20.24 1.30 0.06	24.71 1.74 0.00	36.16 3.10 0.00	40.72 3.70 0.00	27.60 1.89 0.00	27.39 1.98 0.00	28.45 1.74 0.00	31.42 1.83 0.15	36.31 2.09 1.26	39.98 2.44 0.00	41.20 2.56 0.00	39.04 2.37 0.00	46.04 2.91 0.00	52.51 3.95 0.00	52.62 4.94 0.00	42.19 3.83 0.00	41.63 3.66 0.00	41.18 3.03 0.00	40.04 2.54 0.00	41.26 2.79 0.00
LAWRNCALV_115KV_TB1 80681	37.39 0.94 -0.26	35.38 0.82 -0.21	23.13 0.35 0.00	22.74 0.31 0.00	19.40 0.41 0.00	23.53 0.56 0.00	34.12 0.87 -0.20	38.00 0.67 -0.31	26.18 0.40 -0.07	25.70 0.30 0.00	26.98 0.22 -0.04	30.11 0.21 -0.15	35.94 0.16 -0.30	37.94 0.05 -0.35	38.88 -0.16 -0.40	36.83 -0.18 -0.34	43.67 -0.14 -0.67	49.26 -0.30 -0.99	48.31 -0.22 -0.85	38.89 -0.05 -0.58	39.36 0.26 -1.13	44.53 0.48 -5.90	40.36 0.63 -2.22	39.65 0.78 -0.40
LEDERLE____ 23769	37.77 1.58 0.00	35.73 1.38 0.00	23.69 0.92 0.00	23.27 0.84 0.00	19.70 0.64 -0.06	23.86 0.88 0.00	34.50 1.44 0.00	39.04 2.02 0.00	27.28 1.56 0.00	27.09 1.69 0.00	28.67 1.95 0.00	32.11 2.18 -0.19	39.67 2.59 -1.60	40.25 2.71 0.00	41.61 2.96 0.00	39.36 2.69 0.00	45.71 2.57 0.00	51.42 2.86 0.00	50.44 2.77 0.00	40.47 2.11 0.00	39.67 1.70 0.00	39.96 1.81 0.00	39.29 1.78 0.00	40.15 1.69 0.00
LIGHTHSE_115KV_TB6 355974	38.34 0.13 -2.01	36.00 0.05 -1.60	22.77 0.00 0.00	22.49 0.06 0.00	19.05 0.06 0.00	23.12 0.12 -0.02	34.82 0.25 -1.51	39.75 0.35 -2.38	26.34 0.11 -0.52	25.23 -0.17 -0.01	26.79 -0.27 -0.33	30.60 -0.30 -1.16	37.43 -0.33 -2.28	39.84 -0.39 -2.68	41.36 -0.38 -3.10	38.85 -0.46 -2.64	47.92 -0.38 -5.16	56.21 0.06 -7.59	54.56 0.37 -6.52	43.09 0.29 -4.45	42.50 0.14 -4.39	42.48 0.16 -4.17	40.85 -0.05 -3.40	41.45 -0.09 -3.07
LINDEN COGEN____ 23786	37.71 1.53 0.00	35.68 1.33 0.00	23.66 0.89 0.00	23.23 0.80 0.00	19.66 0.60 -0.07	23.74 0.76 0.00	34.31 1.26 0.00	38.84 1.83 0.00	27.25 1.54 0.00	27.12 1.73 0.00	28.72 1.99 0.00	32.17 2.23 -0.20	39.72 2.56 -1.68	40.21 2.67 0.00	41.55 2.90 0.00	39.29 2.62 0.00	45.50 2.36 0.00	51.00 2.44 0.00	50.02 2.34 0.00	40.17 1.82 0.00	39.43 1.46 0.00	39.79 1.64 0.00	39.14 1.64 0.00	40.00 1.54 0.00
LINDHRST_69_KV_BK1 356055	38.02 1.83 0.00	35.98 1.63 0.00	23.88 1.10 0.00	23.38 0.95 0.00	19.77 0.71 -0.07	23.95 0.98 0.00	34.39 1.33 0.00	38.87 1.85 0.00	27.26 1.55 0.00	27.05 1.65 0.00	42.62 2.20 -13.70	45.09 2.43 -12.92	45.66 2.89 -7.29	49.50 2.88 -9.08	48.67 3.07 -6.96	45.88 2.81 -6.41	45.66 2.52 0.00	51.06 2.50 0.00	50.11 2.43 0.00	40.97 2.09 -0.52	39.59 1.63 0.00	40.86 1.80 -0.91	39.28 1.78 0.00	40.26 1.80 0.00
LIPA_MISC_IPP 23656	37.10 0.91 0.00	35.10 0.74 0.00	23.41 0.63 0.00	22.90 0.47 0.00	19.32 0.26 -0.07	23.45 0.47 0.00	33.65 0.60 0.00	38.08 1.06 0.00	26.75 1.04 0.00	26.50 1.10 0.00	40.56 1.62 -12.21	42.97 1.69 -11.54	44.12 1.96 -6.68	47.58 1.95 -8.10	47.04 2.19 -6.20	44.45 2.07 -5.71	44.72 1.58 0.00	49.77 1.21 0.00	48.92 1.24 0.00	40.04 1.21 -0.47	38.77 0.80 0.00	39.81 0.85 -0.81	38.42 0.91 0.00	39.29 0.82 0.00
LISF____SOLAR 323691	37.15 0.96 0.00	35.14 0.79 0.00	23.43 0.66 0.00	22.93 0.49 0.00	19.35 0.29 -0.07	23.48 0.50 0.00	33.70 0.65 0.00	38.14 1.13 0.00	26.79 1.08 0.00	26.53 1.13 0.00	40.59 1.64 -12.23	43.02 1.71 -11.56	44.16 1.99 -6.69	47.64 1.99 -8.11	47.11 2.25 -6.21	44.51 2.12 -5.72	44.79 1.65 0.00	49.87 1.30 0.00	49.03 1.35 0.00	40.11 1.29 -0.47	38.85 0.88 0.00	39.89 0.92 -0.81	38.47 0.96 0.00	39.34 0.88 0.00
LITTLE FALLS____HYD 24013	36.48 0.29 0.00	34.73 0.38 0.00	23.27 0.49 0.00	22.95 0.51 0.00	19.29 0.30 0.00	23.35 0.38 0.00	33.84 0.78 0.00	38.26 1.24 0.00	26.19 0.48 0.00	25.24 -0.16 0.00	26.33 -0.39 0.00	29.33 -0.41 0.00	35.14 -0.33 0.00	37.21 -0.33 0.00	38.38 -0.27 0.00	36.51 -0.16 0.00	43.25 0.11 0.00	49.64 1.08 0.00	49.39 1.71 0.00	39.60 1.25 0.00	38.87 0.90 0.00	38.98 0.83 0.00	38.06 0.56 0.00	38.82 0.36 0.00

LITTLRIV_115KV_TB1 356100	37.89 1.42 -0.28	35.86 1.28 -0.22	23.41 0.63 0.00	23.02 0.59 0.00	19.65 0.66 0.00	23.86 0.88 0.00	34.64 1.37 -0.21	38.58 1.23 -0.33	26.44 0.66 -0.07	25.79 0.39 0.00	27.04 0.27 -0.05	30.23 0.32 -0.16	36.09 0.30 -0.32	38.11 0.20 -0.37	39.03 -0.05 -0.43	36.97 -0.06 -0.37	43.87 0.01 -0.72	49.57 -0.05 -1.06	48.96 0.37 -0.91	39.58 0.60 -0.62	40.11 0.91 -1.23	45.74 1.09 -6.50	41.16 1.21 -2.44	40.24 1.34 -0.43
LI_NEWBRDGE___DRP 323616	37.49 1.30 0.00	35.51 1.16 0.00	23.56 0.78 0.00	23.08 0.65 0.00	19.53 0.47 -0.07	23.63 0.66 0.00	33.95 0.89 0.00	38.35 1.33 0.00	26.89 1.18 0.00	26.71 1.32 0.00	39.89 1.82 -11.35	42.43 1.94 -10.75	44.13 2.32 -6.33	47.33 2.27 -7.53	46.84 2.43 -5.76	44.20 2.22 -5.31	44.98 1.84 0.00	50.35 1.78 0.00	49.42 1.75 0.00	40.27 1.48 -0.43	38.99 1.03 0.00	40.09 1.18 -0.75	38.70 1.19 0.00	39.70 1.24 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.81 -0.13 -0.75	34.95 0.01 -0.59	22.73 -0.04 0.00	22.55 0.12 0.00	19.13 0.13 0.00	23.14 0.16 -0.01	32.95 -0.68 -0.57	37.27 -0.73 -0.98	25.67 -0.26 -0.21	25.19 -0.21 0.00	27.06 0.19 -0.14	30.51 0.29 -0.48	36.84 0.41 -0.95	39.07 0.42 -1.12	40.42 0.48 -1.29	38.31 0.54 -1.10	46.10 0.81 -2.15	52.34 0.62 -3.17	51.04 0.64 -2.72	40.57 0.36 -1.86	40.12 0.32 -1.83	40.31 0.41 -1.74	40.00 1.08 -1.42	41.08 1.34 -1.28
LOCKPORT___CC1 323769	36.77 -0.17 -0.75	34.93 -0.02 -0.59	22.71 -0.07 0.00	22.54 0.10 0.00	19.11 0.12 0.00	23.11 0.13 -0.01	32.93 -0.69 -0.57	37.24 -0.76 -0.98	25.65 -0.28 -0.21	25.20 -0.20 0.00	27.07 0.21 -0.14	30.53 0.31 -0.48	36.86 0.44 -0.95	39.10 0.44 -1.12	40.40 0.46 -1.29	38.32 0.55 -1.10	46.09 0.80 -2.16	52.35 0.62 -3.17	51.01 0.61 -2.72	40.55 0.33 -1.86	40.11 0.31 -1.83	40.26 0.37 -1.74	39.97 1.05 -1.42	41.04 1.29 -1.28
LOCKPORT___CC2 323770	36.77 -0.17 -0.75	34.93 -0.02 -0.59	22.71 -0.07 0.00	22.54 0.10 0.00	19.11 0.12 0.00	23.11 0.13 -0.01	32.93 -0.69 -0.57	37.24 -0.76 -0.98	25.65 -0.28 -0.21	25.20 -0.20 0.00	27.07 0.21 -0.14	30.53 0.31 -0.48	36.86 0.44 -0.95	39.10 0.44 -1.12	40.40 0.46 -1.29	38.32 0.55 -1.10	46.09 0.80 -2.16	52.35 0.62 -3.17	51.01 0.61 -2.72	40.55 0.33 -1.86	40.11 0.31 -1.83	40.26 0.37 -1.74	39.97 1.05 -1.42	41.04 1.29 -1.28
LOCKPORT___CC3 323771	36.77 -0.17 -0.75	34.93 -0.02 -0.59	22.71 -0.07 0.00	22.54 0.10 0.00	19.11 0.12 0.00	23.11 0.13 -0.01	32.93 -0.69 -0.57	37.24 -0.76 -0.98	25.65 -0.28 -0.21	25.20 -0.20 0.00	27.07 0.21 -0.14	30.53 0.31 -0.48	36.86 0.44 -0.95	39.10 0.44 -1.12	40.40 0.46 -1.29	38.32 0.55 -1.10	46.09 0.80 -2.16	52.35 0.62 -3.17	51.01 0.61 -2.72	40.55 0.33 -1.86	40.11 0.31 -1.83	40.26 0.37 -1.74	39.97 1.05 -1.42	41.04 1.29 -1.28
LOCUSVLY_69_KV_BK2 55797	37.92 1.73 0.00	35.90 1.55 0.00	23.81 1.03 0.00	23.34 0.91 0.00	19.74 0.68 -0.07	23.88 0.90 0.00	34.33 1.28 0.00	38.80 1.79 0.00	27.20 1.49 0.00	27.06 1.66 0.00	47.59 2.12 -18.75	49.71 2.35 -17.61	47.59 2.76 -9.36	52.75 2.78 -12.43	51.12 2.96 -9.52	48.15 2.71 -8.77	45.55 2.41 0.00	51.02 2.46 0.00	50.05 2.38 0.00	41.01 1.94 -0.71	39.45 1.48 0.00	41.13 1.73 -1.25	39.21 1.70 0.00	40.20 1.73 0.00
LONG_LAKE_PHOENIX 24014	36.96 -0.32 -1.10	34.90 -0.33 -0.87	22.57 -0.20 0.00	22.27 -0.17 0.00	18.84 -0.15 0.00	22.83 -0.15 -0.01	33.65 -0.23 -0.82	38.19 -0.13 -1.30	25.89 -0.10 -0.28	25.17 -0.23 0.00	26.66 -0.24 -0.18	30.14 -0.23 -0.63	36.46 -0.26 -1.25	38.77 -0.23 -1.47	40.21 -0.13 -1.69	38.04 -0.08 -1.44	45.98 0.02 -2.82	52.86 0.15 -4.15	51.50 0.26 -3.56	40.97 0.18 -2.43	40.44 0.07 -2.40	40.41 -0.02 -2.28	39.28 -0.08 -1.86	39.99 -0.15 -1.68
LOVETT___3 23632	37.54 1.35 0.00	35.53 1.18 0.00	23.56 0.79 0.00	23.15 0.71 0.00	19.59 0.53 -0.06	23.64 0.67 0.00	34.17 1.11 0.00	38.64 1.63 0.00	27.08 1.37 0.00	26.91 1.51 0.00	28.48 1.76 0.00	31.89 1.96 -0.19	39.41 2.32 -1.62	39.96 2.42 0.00	41.28 2.64 0.00	39.04 2.37 0.00	45.33 2.19 0.00	50.96 2.40 0.00	50.01 2.33 0.00	40.13 1.77 0.00	39.35 1.39 0.00	39.65 1.50 0.00	39.01 1.51 0.00	39.89 1.43 0.00
LOVETT___4 23642	37.54 1.35 0.00	35.53 1.18 0.00	23.56 0.79 0.00	23.15 0.71 0.00	19.59 0.53 -0.06	23.64 0.67 0.00	34.17 1.11 0.00	38.64 1.63 0.00	27.08 1.37 0.00	26.91 1.51 0.00	28.48 1.76 0.00	31.89 1.96 -0.19	39.41 2.32 -1.62	39.96 2.42 0.00	41.28 2.64 0.00	39.04 2.37 0.00	45.33 2.19 0.00	50.96 2.40 0.00	50.01 2.33 0.00	40.13 1.77 0.00	39.35 1.39 0.00	39.65 1.50 0.00	39.01 1.51 0.00	39.89 1.43 0.00
LOVETT___5 23593	37.54 1.35 0.00	35.53 1.18 0.00	23.56 0.79 0.00	23.15 0.71 0.00	19.59 0.53 -0.06	23.64 0.67 0.00	34.17 1.11 0.00	38.64 1.63 0.00	27.08 1.37 0.00	26.91 1.51 0.00	28.48 1.76 0.00	31.89 1.96 -0.19	39.41 2.32 -1.62	39.96 2.42 0.00	41.28 2.64 0.00	39.04 2.37 0.00	45.33 2.19 0.00	50.96 2.40 0.00	50.01 2.33 0.00	40.13 1.77 0.00	39.35 1.39 0.00	39.65 1.50 0.00	39.01 1.51 0.00	39.89 1.43 0.00
LOWER RAQUET___HYD 24057	37.53 1.05 -0.30	35.49 0.91 -0.24	23.17 0.40 0.00	22.78 0.34 0.00	19.45 0.46 0.00	23.59 0.61 0.00	34.25 0.96 -0.22	38.15 0.78 -0.35	26.24 0.45 -0.08	25.72 0.33 0.00	27.01 0.24 -0.05	30.15 0.24 -0.17	35.99 0.18 -0.34	38.00 0.06 -0.40	38.93 -0.18 -0.46	36.87 -0.19 -0.39	43.72 -0.18 -0.77	49.34 -0.35 -1.13	48.41 -0.24 -0.97	38.97 -0.05 -0.66	39.56 0.27 -1.33	45.73 0.51 -7.07	40.82 0.67 -2.65	39.74 0.83 -0.46
LOWER___HUDSON 24059	36.87 0.68 0.00	35.03 0.68 0.00	23.29 0.52 0.00	22.95 0.52 0.00	19.29 0.37 0.08	23.44 0.46 0.00	33.77 0.71 0.00	38.05 1.03 0.00	26.31 0.59 0.00	26.02 0.62 0.00	27.31 0.58 0.00	30.18 0.64 0.20	34.56 0.77 1.69	38.43 0.89 0.00	39.56 0.91 0.00	37.54 0.86 0.00	44.03 0.89 0.00	49.61 1.05 0.00	48.88 1.20 0.00	39.21 0.86 0.00	38.67 0.70 0.00	38.78 0.63 0.00	38.03 0.52 0.00	39.02 0.55 0.00
LOWVILLE_115KV_TB2 356335	38.21 1.34 -0.68	36.05 1.16 -0.54	23.43 0.65 0.00	23.15 0.72 0.00	19.66 0.66 0.00	23.86 0.88 0.00	35.02 1.45 -0.51	39.45 1.63 -0.81	26.73 0.84 -0.17	25.77 0.37 0.00	27.08 0.24 -0.11	30.38 0.25 -0.39	36.51 0.26 -0.77	38.65 0.20 -0.91	39.86 0.17 -1.05	37.57 0.01 -0.89	45.13 0.25 -1.74	52.18 1.05 -2.56	51.36 1.48 -2.20	41.04 1.18 -1.50	40.60 0.96 -1.68	42.33 0.93 -3.25	39.78 0.51 -1.76	40.08 0.58 -1.04
LUTHERFT_115KV_GLOB_FND_222 355753	37.39 1.20 0.00	35.45 1.11 0.00	23.55 0.78 0.00	23.21 0.77 0.00	19.56 0.62 0.06	23.76 0.78 0.00	34.27 1.22 0.00	38.55 1.53 0.00	26.60 0.89 0.00	26.24 0.84 0.00	27.52 0.81 0.00	30.45 0.86 0.15	35.26 1.08 1.30	38.78 1.24 0.00	39.94 1.29 0.00	37.94 1.26 0.00	44.68 1.55 0.00	50.47 1.90 0.00	49.77 2.09 0.00	39.93 1.57 0.00	39.36 1.40 0.00	39.43 1.28 0.00	38.62 1.12 0.00	39.59 1.13 0.00

LUTHERNY_35_KV_BK2 355980	37.40 1.21 0.00	35.43 1.08 0.00	23.55 0.77 0.00	23.20 0.77 0.00	19.57 0.64 0.06	23.79 0.81 0.00	34.29 1.23 0.00	38.58 1.57 0.00	26.62 0.91 0.00	26.25 0.84 0.00	27.55 0.83 0.00	30.47 0.89 0.15	35.30 1.12 1.30	38.82 1.29 0.00	39.96 1.31 0.00	37.97 1.30 0.00	44.73 1.59 0.00	50.51 1.95 0.00	49.81 2.14 0.00	39.94 1.59 0.00	39.38 1.41 0.00	39.44 1.29 0.00	38.65 1.14 0.00	39.60 1.14 0.00
LWR__OSWEGATCHIE_HYD 23850	37.94 1.18 -0.57	35.81 1.01 -0.45	23.28 0.50 0.00	22.95 0.52 0.00	19.54 0.55 0.00	23.71 0.73 0.00	34.68 1.20 -0.43	38.89 1.20 -0.67	26.49 0.64 -0.14	25.70 0.30 0.00	27.00 0.18 -0.09	30.24 0.17 -0.33	36.26 0.14 -0.64	38.33 0.04 -0.75	39.41 -0.11 -0.87	37.16 -0.26 -0.74	44.46 -0.14 -1.45	50.92 0.22 -2.14	50.05 0.53 -1.83	40.12 0.51 -1.25	40.21 0.55 -1.70	44.44 0.74 -5.55	40.51 0.60 -2.41	40.03 0.70 -0.86
LYONS_FALL_HYD 23570	37.82 1.10 -0.53	35.74 0.97 -0.42	23.35 0.57 0.00	23.06 0.63 0.00	19.55 0.56 0.00	23.72 0.74 0.00	34.67 1.22 -0.40	39.03 1.38 -0.63	26.61 0.76 -0.14	25.81 0.41 0.00	27.14 0.33 -0.09	30.40 0.36 -0.31	36.48 0.40 -0.61	38.65 0.40 -0.71	39.89 0.42 -0.83	37.70 0.33 -0.70	45.08 0.56 -1.38	51.81 1.23 -2.02	50.94 1.53 -1.74	40.75 1.22 -1.19	40.28 1.02 -1.30	41.46 0.98 -2.33	39.49 0.67 -1.31	39.96 0.67 -0.82
MADISON__COUNTY_LFGE 323628	37.71 0.84 -0.68	35.67 0.78 -0.54	23.29 0.52 0.00	22.98 0.55 0.00	19.45 0.45 0.00	23.60 0.61 0.00	34.55 0.99 -0.51	39.01 1.18 -0.81	26.58 0.69 -0.18	25.83 0.43 0.00	27.25 0.42 -0.11	30.61 0.48 -0.39	36.87 0.61 -0.78	39.22 0.76 -0.91	40.55 0.85 -1.06	38.44 0.87 -0.90	46.06 1.16 -1.76	52.89 1.75 -2.58	51.83 1.94 -2.22	41.38 1.51 -1.51	40.79 1.33 -1.50	40.80 1.23 -1.42	39.71 1.05 -1.16	40.47 0.96 -1.05
MALONE__115KV_TB1 356076	37.55 1.36 0.00	35.33 0.98 0.00	23.15 0.37 0.00	22.65 0.22 0.00	19.53 0.54 0.00	23.66 0.69 0.00	34.12 1.06 0.00	37.91 0.89 0.00	26.35 0.63 0.00	26.13 0.73 0.00	27.45 0.73 0.00	30.44 0.69 0.00	35.89 0.41 0.00	37.59 0.05 0.00	38.37 -0.27 0.00	36.40 -0.27 0.00	42.99 -0.15 0.00	48.53 -0.03 0.00	47.72 0.04 0.00	38.18 -0.17 0.00	40.75 -0.21 -2.99	66.52 -0.20 -28.57	48.29 0.09 -10.70	38.69 0.23 0.00
MAPLEWOD_115KV_TB3 80458	36.52 0.33 0.00	34.69 0.34 0.00	23.12 0.35 0.00	22.79 0.36 0.00	19.17 0.23 0.05	23.23 0.26 0.00	33.46 0.40 0.00	37.89 0.87 0.00	26.25 0.54 0.00	25.91 0.51 0.00	27.21 0.49 0.00	30.15 0.55 0.14	34.96 0.67 1.19	38.28 0.74 0.00	39.43 0.78 0.00	37.43 0.76 0.00	43.72 0.58 0.00	49.51 0.95 0.00	48.71 1.03 0.00	39.08 0.72 0.00	38.49 0.52 0.00	38.62 0.46 0.00	37.87 0.37 0.00	38.80 0.34 0.00
MAPLE_RIDGE_WT_1 323574	36.30 0.11 0.00	34.43 0.08 0.00	22.79 0.01 0.00	22.41 -0.03 0.00	19.02 0.03 0.00	23.00 0.02 0.00	33.13 0.07 0.00	37.07 0.05 0.00	25.74 0.03 0.00	25.44 0.05 0.00	26.75 0.03 0.00	29.77 0.03 0.00	35.49 0.01 0.00	37.53 -0.01 0.00	38.58 -0.06 0.00	36.58 -0.09 0.00	43.04 -0.10 0.00	48.41 -0.15 0.00	47.40 -0.28 0.00	37.99 -0.36 0.00	37.56 -0.41 0.00	37.61 -0.54 0.00	36.99 -0.51 0.00	38.07 -0.40 0.00
MAPLE_RIDGE_WT_2 323611	36.30 0.11 0.00	34.43 0.08 0.00	22.79 0.01 0.00	22.41 -0.03 0.00	19.02 0.03 0.00	23.00 0.02 0.00	33.13 0.07 0.00	37.07 0.05 0.00	25.74 0.03 0.00	25.44 0.05 0.00	26.75 0.03 0.00	29.77 0.03 0.00	35.49 0.01 0.00	37.53 -0.01 0.00	38.58 -0.06 0.00	36.58 -0.09 0.00	43.04 -0.10 0.00	48.41 -0.15 0.00	47.40 -0.28 0.00	37.99 -0.36 0.00	37.56 -0.41 0.00	37.61 -0.54 0.00	36.99 -0.51 0.00	38.07 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	37.68 1.49 0.00	35.15 0.80 0.00	22.94 0.17 0.00	22.30 -0.13 0.00	19.47 0.48 0.00	23.57 0.60 0.00	33.96 0.90 0.00	37.45 0.43 0.00	26.20 0.48 0.00	26.39 0.99 0.00	27.82 1.10 0.00	30.68 0.94 0.00	35.74 0.27 0.00	37.07 -0.47 0.00	37.74 -0.90 0.00	35.59 -1.08 0.00	42.12 -1.02 0.00	47.67 -0.90 0.00	46.75 -0.93 0.00	36.86 -1.50 0.00	31.19 -2.08 4.70	-8.96 -2.17 44.94	-4.68 -1.53 40.65	37.13 -1.33 0.00
MARSHVLE_115KV_TB1 80742	37.84 1.65 0.00	35.91 1.56 0.00	23.78 1.01 0.00	23.41 0.98 0.00	19.82 0.86 0.03	24.06 1.08 0.00	34.78 1.73 0.00	38.99 1.97 0.00	26.64 0.93 0.00	25.91 0.51 0.00	27.14 0.41 0.00	30.18 0.52 0.08	35.57 0.77 0.68	38.49 0.95 0.00	39.58 0.93 0.00	37.69 1.02 0.00	44.92 1.78 0.00	51.21 2.65 0.00	50.61 2.93 0.00	40.74 2.38 0.00	40.19 2.23 0.00	40.28 2.12 0.00	39.53 2.03 0.00	40.47 2.00 0.00
MARSH_HILL_WT_PWR 323713	37.31 0.20 -0.92	35.35 0.27 -0.73	22.88 0.10 0.00	22.68 0.25 0.00	19.12 0.13 0.00	22.95 -0.03 -0.01	33.09 -0.66 -0.69	37.62 -0.54 -1.15	25.85 -0.11 -0.25	25.29 -0.11 0.00	27.03 0.15 -0.16	30.63 0.33 -0.56	37.17 0.59 -1.10	39.40 0.56 -1.30	41.17 1.02 -1.51	38.89 0.93 -1.29	47.10 1.45 -2.51	53.90 1.64 -3.70	52.56 1.71 -3.18	41.84 1.31 -2.17	41.30 1.20 -2.14	41.31 1.13 -2.03	40.46 1.30 -1.66	41.25 1.29 -1.50
MCINTYRE_115KV_TB2 80467	37.95 1.51 -0.25	35.94 1.39 -0.20	23.48 0.70 0.00	23.09 0.66 0.00	19.70 0.71 0.00	23.92 0.95 0.00	34.72 1.47 -0.19	38.65 1.33 -0.30	26.44 0.67 -0.06	25.78 0.38 0.00	27.04 0.27 -0.04	30.19 0.31 -0.15	36.05 0.29 -0.29	38.08 0.20 -0.34	38.99 -0.04 -0.39	36.98 -0.03 -0.33	43.87 0.08 -0.65	49.52 0.00 -0.96	49.08 0.58 -0.82	39.79 0.87 -0.56	40.24 1.19 -1.08	45.06 1.32 -5.58	41.04 1.42 -2.11	40.40 1.55 -0.39
MECO____69_KV_BK1 80468	38.02 1.83 0.00	36.07 1.72 0.00	23.91 1.14 0.00	23.54 1.10 0.00	19.91 0.95 0.04	24.18 1.21 0.00	34.98 1.92 0.00	39.30 2.28 0.00	26.87 1.16 0.00	25.91 0.51 0.00	26.92 0.20 0.00	29.82 0.17 0.09	35.11 0.40 0.77	38.13 0.60 0.00	39.18 0.53 0.00	37.40 0.73 0.00	44.82 1.68 0.00	51.30 2.74 0.00	50.92 3.24 0.00	41.01 2.66 0.00	40.43 2.47 0.00	40.47 2.32 0.00	39.67 2.17 0.00	40.56 2.10 0.00
MENANDS__115KV_TB5 355628	36.27 0.08 0.00	34.47 0.12 0.00	22.99 0.21 0.00	22.66 0.22 0.00	19.06 0.11 0.05	23.09 0.11 0.00	33.23 0.17 0.00	37.49 0.47 0.00	26.00 0.28 0.00	25.71 0.32 0.00	27.04 0.32 0.00	29.95 0.35 0.14	34.71 0.39 1.16	37.98 0.44 0.00	39.10 0.45 0.00	37.12 0.44 0.00	43.40 0.26 0.00	48.93 0.37 0.00	48.10 0.43 0.00	38.60 0.24 0.00	38.05 0.09 0.00	38.20 0.05 0.00	37.49 -0.02 0.00	38.42 -0.04 0.00
MG INDUSTRY__DRP 24185	35.59 -0.59 0.00	33.83 -0.52 0.00	22.56 -0.22 0.00	22.23 -0.20 0.00	18.73 -0.24 0.03	22.66 -0.32 0.00	32.61 -0.45 0.00	36.69 -0.34 0.00	25.36 -0.35 0.00	24.96 -0.44 0.00	26.21 -0.51 0.01	29.19 -0.50 0.05	34.41 -0.63 0.44	23.97 -0.65 12.91	37.92 -0.72 0.00	36.01 -0.67 0.00	42.36 -0.78 0.00	47.85 -0.71 0.00	47.05 -0.63 0.00	37.78 -0.57 0.00	37.30 -0.67 0.00	37.45 -0.70 0.00	36.77 -0.73 0.00	37.70 -0.76 0.00

MID___OSWEGATCHIE_HYD 23849	37.94 1.18 -0.57	35.81 1.01 -0.45	23.28 0.50 0.00	22.95 0.52 0.00	19.54 0.55 0.00	23.71 0.73 0.00	34.68 1.20 -0.43	38.89 1.20 -0.67	26.49 0.64 -0.14	25.70 0.30 0.00	27.00 0.18 -0.09	30.24 0.17 -0.33	36.26 0.14 -0.64	38.33 0.04 -0.75	39.41 -0.11 -0.87	37.16 -0.26 -0.74	44.46 -0.14 -1.45	50.92 0.22 -2.14	50.05 0.53 -1.83	40.12 0.51 -1.25	40.21 0.55 -1.70	44.44 0.74 -5.55	40.51 0.60 -2.41	40.03 0.70 -0.86
MID___RAQUETTE_HYD 23851	37.53 1.05 -0.30	35.49 0.91 -0.24	23.17 0.40 0.00	22.78 0.34 0.00	19.45 0.46 0.00	23.59 0.62 0.00	34.25 0.96 -0.22	38.15 0.78 -0.35	26.24 0.45 -0.08	25.72 0.33 0.00	27.01 0.24 -0.05	30.15 0.24 -0.17	35.99 0.18 -0.34	38.00 0.06 -0.40	38.93 -0.18 -0.46	36.87 -0.19 -0.39	43.72 -0.18 -0.77	49.34 -0.35 -1.13	48.41 -0.24 -0.97	38.97 -0.05 -0.66	39.56 0.27 -1.33	45.73 0.51 -7.07	40.82 0.67 -2.65	39.74 0.82 -0.46
MILLIKEN___1 23584	37.98 0.48 -1.31	35.83 0.44 -1.04	23.08 0.30 0.00	22.80 0.36 0.00	19.27 0.28 0.00	23.33 0.35 -0.01	34.57 0.52 -0.99	39.34 0.74 -1.58	26.54 0.48 -0.34	25.65 0.25 0.00	27.17 0.22 -0.22	30.85 0.34 -0.77	37.46 0.46 -1.52	39.81 0.48 -1.80	41.46 0.74 -2.08	39.19 0.74 -1.78	47.58 0.97 -3.47	55.05 1.39 -5.10	53.64 1.58 -4.38	42.51 1.16 -2.99	41.95 1.03 -2.95	41.88 0.93 -2.80	40.65 0.86 -2.28	41.27 0.74 -2.07
MILLIKEN___2 23585	37.98 0.48 -1.31	35.83 0.44 -1.04	23.08 0.30 0.00	22.80 0.36 0.00	19.27 0.28 0.00	23.33 0.35 -0.01	34.57 0.52 -0.99	39.34 0.74 -1.58	26.54 0.48 -0.34	25.65 0.25 0.00	27.17 0.22 -0.22	30.85 0.34 -0.77	37.46 0.46 -1.52	39.81 0.48 -1.80	41.46 0.74 -2.08	39.19 0.74 -1.78	47.58 0.97 -3.47	55.05 1.39 -5.10	53.64 1.58 -4.38	42.51 1.16 -2.99	41.95 1.03 -2.95	41.88 0.93 -2.80	40.65 0.86 -2.28	41.27 0.74 -2.07
MILLIKEN___DIESEL 23629	37.98 0.48 -1.31	35.83 0.44 -1.04	23.08 0.30 0.00	22.80 0.36 0.00	19.27 0.28 0.00	23.33 0.35 -0.01	34.57 0.52 -0.99	39.34 0.74 -1.58	26.54 0.48 -0.34	25.65 0.25 0.00	27.17 0.22 -0.22	30.85 0.34 -0.77	37.46 0.46 -1.52	39.81 0.48 -1.80	41.46 0.74 -2.08	39.19 0.74 -1.78	47.58 0.97 -3.47	55.05 1.39 -5.10	53.64 1.58 -4.38	42.51 1.16 -2.99	41.95 1.03 -2.95	41.88 0.93 -2.80	40.65 0.86 -2.28	41.27 0.74 -2.07
MILLSEAT___LFGE 323607	37.29 0.36 -0.74	35.38 0.43 -0.59	23.00 0.23 0.00	22.81 0.38 0.00	19.35 0.35 0.00	23.44 0.46 -0.01	33.58 0.57 -0.57	38.07 0.07 -0.98	26.14 0.22 -0.21	25.53 0.13 0.00	27.32 0.46 -0.14	30.79 0.57 -0.48	37.18 0.76 -0.95	39.47 0.82 -1.12	40.83 0.90 -1.29	38.74 0.97 -1.10	46.72 1.43 -2.15	53.35 1.63 -3.16	52.15 1.76 -2.72	41.56 1.36 -1.85	41.06 1.26 -1.83	41.10 1.22 -1.74	40.67 1.75 -1.41	41.66 1.92 -1.28
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.57 1.38 0.00	35.57 1.22 0.00	23.60 0.83 0.00	23.18 0.75 0.00	19.61 0.55 -0.07	23.69 0.71 0.00	34.23 1.18 0.00	38.71 1.69 0.00	27.11 1.40 0.00	26.94 1.54 0.00	28.50 1.78 0.00	31.92 1.99 -0.20	39.48 2.33 -1.67	39.99 2.45 0.00	41.29 2.64 0.00	39.07 2.40 0.00	45.35 2.21 0.00	50.96 2.40 0.00	50.00 2.32 0.00	40.14 1.79 0.00	39.38 1.42 0.00	39.68 1.53 0.00	39.03 1.53 0.00	39.91 1.45 0.00
MILLWOOD_13_KV_LOAD 356217	37.67 1.49 0.00	35.66 1.31 0.00	23.66 0.88 0.00	23.24 0.80 0.00	19.66 0.60 -0.07	23.74 0.77 0.00	34.31 1.25 0.00	38.80 1.78 0.00	27.18 1.47 0.00	27.01 1.62 0.00	28.58 1.86 0.00	32.01 2.07 -0.20	39.59 2.44 -1.67	40.10 2.56 0.00	41.40 2.76 0.00	39.18 2.51 0.00	45.49 2.35 0.00	51.11 2.55 0.00	50.15 2.48 0.00	40.27 1.92 0.00	39.50 1.54 0.00	39.79 1.64 0.00	39.13 1.63 0.00	40.00 1.54 0.00
MODEL_CITY_ENERGY 24167	36.58 -0.35 -0.75	34.75 -0.19 -0.59	22.60 -0.18 0.00	22.42 -0.01 0.00	19.02 0.02 0.00	23.00 0.02 -0.01	32.67 -0.95 -0.57	36.88 -1.12 -0.98	25.41 -0.51 -0.21	24.99 -0.42 0.00	26.85 -0.01 -0.14	30.27 0.05 -0.48	36.53 0.10 -0.95	38.74 0.09 -1.12	40.01 0.07 -1.29	37.96 0.18 -1.10	45.66 0.37 -2.15	51.81 0.09 -3.16	50.47 0.07 -2.72	40.12 -0.09 -1.86	39.69 -0.11 -1.83	39.87 -0.02 -1.74	39.68 0.76 -1.42	40.78 1.04 -1.28
MODERN_LFGE___ 323580	36.58 -0.35 -0.75	34.75 -0.19 -0.59	22.60 -0.18 0.00	22.42 -0.01 0.00	19.02 0.02 0.00	23.00 0.02 -0.01	32.67 -0.95 -0.57	36.88 -1.12 -0.98	25.41 -0.51 -0.21	24.99 -0.42 0.00	26.85 -0.01 -0.14	30.27 0.05 -0.48	36.53 0.10 -0.95	38.74 0.09 -1.12	40.01 0.07 -1.29	37.96 0.18 -1.10	45.66 0.37 -2.15	51.81 0.09 -3.16	50.47 0.07 -2.72	40.12 -0.09 -1.86	39.69 -0.11 -1.83	39.87 -0.02 -1.74	39.68 0.76 -1.42	40.78 1.04 -1.28
MOHAWK_PAPER___DRP 24187	36.52 0.33 0.00	34.69 0.34 0.00	23.12 0.35 0.00	22.79 0.36 0.00	19.17 0.23 0.05	23.23 0.26 0.00	33.46 0.40 0.00	37.89 0.87 0.00	26.25 0.54 0.00	25.91 0.51 0.00	27.21 0.49 0.00	30.15 0.55 0.14	34.96 0.67 1.19	38.28 0.74 0.00	39.43 0.78 0.00	37.43 0.76 0.00	43.72 0.58 0.00	49.51 0.95 0.00	48.71 1.03 0.00	39.08 0.72 0.00	38.49 0.52 0.00	38.62 0.46 0.00	37.87 0.37 0.00	38.80 0.34 0.00
MOHICAN___35_KV_115KV_LD 80490	37.63 1.45 0.00	35.58 1.23 0.00	23.60 0.83 0.00	23.27 0.83 0.00	19.63 0.69 0.06	23.87 0.90 0.00	34.54 1.48 0.00	38.88 1.86 0.00	26.71 1.00 0.00	26.37 0.97 0.00	27.56 0.84 0.00	30.46 0.87 0.15	35.25 1.05 1.28	38.82 1.28 0.00	39.97 1.33 0.00	37.95 1.28 0.00	44.76 1.62 0.00	50.73 2.17 0.00	50.25 2.58 0.00	40.30 1.94 0.00	39.71 1.74 0.00	39.64 1.49 0.00	38.74 1.24 0.00	39.77 1.31 0.00
MONGAUP___HYD 23641	37.67 1.48 0.00	35.65 1.30 0.00	23.65 0.88 0.00	23.24 0.81 0.00	19.67 0.62 -0.06	23.76 0.78 0.00	34.34 1.28 0.00	38.87 1.85 0.00	27.12 1.41 0.00	26.82 1.42 0.00	28.24 1.52 0.00	31.48 1.57 -0.18	38.68 1.72 -1.49	39.34 1.80 0.00	40.64 2.00 0.00	38.66 2.00 0.00	45.10 1.96 0.00	51.09 2.52 0.00	50.36 2.68 0.00	40.51 2.16 0.00	39.76 1.79 0.00	39.99 1.84 0.00	39.27 1.77 0.00	40.11 1.65 0.00
MONTAUK___DIESEL 23721	37.12 0.93 0.00	34.80 0.45 0.00	23.54 0.76 0.00	22.97 0.54 0.00	19.13 0.06 -0.07	23.32 0.35 0.00	33.56 0.50 0.00	38.11 1.09 0.00	27.05 1.34 0.00	26.97 1.57 0.00	41.08 2.14 -12.22	43.78 2.49 -11.55	45.11 2.95 -6.69	48.78 3.14 -8.10	48.09 3.24 -6.20	45.83 3.44 -5.72	46.37 3.23 0.00	51.61 3.05 0.00	50.73 3.05 0.00	41.50 2.68 -0.47	40.14 2.18 0.00	41.13 2.17 -0.81	39.62 2.12 0.00	40.45 1.99 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.47 0.51 -0.77	35.42 0.46 -0.61	22.95 0.18 0.00	22.68 0.25 0.00	19.21 0.21 0.00	23.20 0.22 -0.01	33.65 0.01 -0.58	38.68 0.66 -1.00	26.47 0.54 -0.22	25.86 0.46 0.00	27.85 0.98 -0.14	31.65 1.42 -0.49	38.29 1.85 -0.96	40.58 1.91 -1.14	42.32 2.36 -1.32	39.77 1.98 -1.12	47.79 2.45 -2.19	54.37 2.58 -3.22	52.79 2.34 -2.77	41.98 1.74 -1.89	41.50 1.67 -1.86	41.57 1.65 -1.77	40.89 1.95 -1.44	41.73 1.97 -1.30

MORRIS_RIDGE___SOLAR 323848	36.99 -0.05 -0.85	35.02 0.00 -0.67	22.72 -0.05 0.00	22.54 0.11 0.00	19.06 0.07 0.00	23.02 0.04 -0.01	33.20 -0.51 -0.64	37.67 -0.42 -1.08	25.85 -0.10 -0.23	25.20 -0.20 0.00	26.94 0.07 -0.15	30.48 0.21 -0.52	36.91 0.39 -1.04	39.12 0.36 -1.22	40.75 0.69 -1.42	38.52 0.64 -1.21	46.54 1.04 -2.36	53.08 1.05 -3.47	51.76 1.11 -2.98	41.21 0.82 -2.03	40.71 0.74 -2.01	40.77 0.71 -1.91	40.02 0.96 -1.55	40.85 0.98 -1.40
MORTIMER_115KV_TB3 55949	36.98 0.06 -0.74	35.03 0.09 -0.59	22.80 0.03 0.00	22.55 0.12 0.00	19.11 0.11 0.00	23.15 0.17 -0.01	33.61 -0.01 -0.56	38.22 0.22 -0.98	26.17 0.25 -0.21	25.59 0.19 0.00	27.35 0.49 -0.14	30.87 0.66 -0.48	37.33 0.91 -0.94	39.67 1.02 -1.11	41.11 1.19 -1.28	38.96 1.19 -1.09	46.89 1.62 -2.13	53.54 1.84 -3.14	52.20 1.83 -2.70	41.49 1.29 -1.84	40.92 1.14 -1.82	40.94 1.07 -1.73	40.13 1.23 -1.41	40.98 1.25 -1.27
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.92 1.73 0.00	35.87 1.52 0.00	23.79 1.02 0.00	23.36 0.93 0.00	19.77 0.71 -0.07	23.87 0.89 0.00	34.50 1.44 0.00	39.04 2.01 0.00	27.38 1.67 0.00	27.24 1.84 0.00	28.84 2.12 0.00	32.29 2.35 -0.20	39.91 2.75 -1.68	40.42 2.88 0.00	41.72 3.08 0.00	39.48 2.81 0.00	45.76 2.62 0.00	51.32 2.76 0.00	50.33 2.65 0.00	40.42 2.06 0.00	39.65 1.69 0.00	39.99 1.84 0.00	39.36 1.86 0.00	40.22 1.76 0.00
MUNSVILLE_WIND_PWR 323609	39.11 1.99 -0.92	36.95 1.87 -0.73	23.95 1.18 0.00	23.70 1.27 0.00	20.06 1.06 0.00	24.38 1.39 -0.01	36.00 2.25 -0.69	40.77 2.71 -1.04	27.65 1.71 -0.22	26.75 1.35 0.00	28.12 1.26 -0.15	31.85 1.56 -0.55	38.76 1.92 -1.36	40.66 1.89 -1.24	42.39 2.28 -1.46	40.12 2.20 -1.25	48.65 3.07 -2.44	56.31 4.15 -3.59	55.19 4.43 -3.09	43.90 3.44 -2.11	43.30 3.26 -2.08	43.20 3.08 -1.97	41.91 2.80 -1.61	42.55 2.63 -1.46
N SALMON___HYD 24042	37.55 1.36 0.00	35.33 0.98 0.00	23.15 0.37 0.00	22.65 0.22 0.00	19.53 0.54 0.00	23.66 0.69 0.00	34.12 1.06 0.00	37.91 0.89 0.00	26.34 0.63 0.00	26.13 0.73 0.00	27.45 0.73 0.00	30.43 0.69 0.00	35.89 0.41 0.00	37.59 0.05 0.00	38.37 -0.27 0.00	36.40 -0.27 0.00	42.99 -0.15 0.00	48.53 -0.03 0.00	47.72 0.04 0.00	38.18 -0.17 0.00	40.75 -0.21 -2.99	66.52 -0.20 -28.57	48.29 0.08 -10.70	38.70 0.23 0.00
N.AKRON__115KV_KNAPP 355671	37.18 0.25 -0.74	35.30 0.35 -0.59	22.95 0.18 0.00	22.76 0.33 0.00	19.31 0.31 0.00	23.38 0.41 -0.01	33.42 -0.20 -0.57	37.88 -0.13 -0.98	26.04 0.11 -0.21	25.46 0.06 0.00	27.29 0.43 -0.14	30.75 0.53 -0.48	37.14 0.71 -0.95	39.42 0.76 -1.12	40.80 0.87 -1.29	38.67 0.90 -1.10	46.61 1.32 -2.15	53.08 1.36 -3.16	51.86 1.46 -2.72	41.29 1.08 -1.86	40.80 1.00 -1.83	40.93 1.04 -1.74	40.51 1.59 -1.42	41.53 1.79 -1.28
N.E_GEN_SANDY PD 24062	36.86 0.67 0.00	35.01 0.66 0.00	23.27 0.50 0.00	22.90 0.47 0.00	18.79 0.31 0.51	23.28 0.41 0.11	33.71 0.65 0.00	38.05 1.03 0.00	26.46 0.75 0.00	27.46 0.84 -1.22	26.48 0.88 1.13	29.36 0.94 1.32	25.38 1.09 11.20	38.75 1.22 0.00	43.69 1.30 -3.75	37.84 1.17 0.00	44.99 1.00 -0.85	49.63 1.06 0.00	48.85 1.17 0.00	39.20 0.84 0.00	38.57 0.60 0.00	39.28 0.60 -0.54	38.03 0.53 0.00	37.71 0.54 1.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.63 1.44 0.00	35.59 1.24 0.00	23.61 0.83 0.00	23.19 0.76 0.00	19.63 0.57 -0.06	23.71 0.73 0.00	34.28 1.22 0.00	38.77 1.75 0.00	27.13 1.42 0.00	26.96 1.56 0.00	28.54 1.82 0.00	31.96 2.03 -0.19	39.49 2.41 -1.61	40.05 2.52 0.00	41.40 2.75 0.00	39.15 2.48 0.00	45.46 2.32 0.00	51.13 2.57 0.00	50.16 2.48 0.00	40.25 1.90 0.00	39.46 1.50 0.00	39.76 1.61 0.00	39.11 1.61 0.00	39.98 1.52 0.00
N.QUEENS_27_KV_LOAD 356247	38.06 1.87 0.00	36.00 1.65 0.00	23.92 1.15 0.00	23.45 1.02 0.00	19.84 0.78 -0.07	23.92 0.95 0.00	34.65 1.60 0.00	39.24 2.22 0.00	27.54 1.83 0.00	27.39 1.99 0.00	28.99 2.27 0.00	32.49 2.55 -0.20	40.19 3.03 -1.68	40.74 3.20 0.00	42.03 3.39 0.00	39.78 3.11 0.00	46.00 2.86 0.00	51.54 2.98 0.00	50.52 2.84 0.00	40.63 2.27 0.00	39.86 1.90 0.00	40.22 2.07 0.00	39.64 2.14 0.00	40.49 2.03 0.00
N.TROY___115KV_TB1 355778	36.87 0.68 0.00	35.03 0.68 0.00	23.29 0.52 0.00	22.95 0.52 0.00	19.29 0.37 0.08	23.44 0.46 0.00	33.77 0.71 0.00	38.05 1.03 0.00	26.31 0.59 0.00	26.02 0.62 0.00	27.30 0.58 0.00	30.18 0.63 0.20	34.56 0.78 1.69	38.43 0.89 0.00	39.56 0.91 0.00	37.53 0.87 0.00	44.02 0.88 0.00	49.61 1.05 0.00	48.88 1.20 0.00	39.21 0.86 0.00	38.67 0.70 0.00	38.77 0.62 0.00	38.02 0.52 0.00	39.02 0.55 0.00
NARROWS_GT1_1 24228	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT1_2 24229	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT1_3 24230	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT1_4 24231	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT1_5 24232	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00

NARROWS_GT1_6 24233	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT1_7 24234	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT1_8 24235	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_1 24236	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_2 24237	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_3 24238	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_4 24239	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_5 24240	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_6 24241	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_7 24242	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NARROWS_GT2_8 24243	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.69	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.51 2.93 -0.02	50.52 2.84 0.00	40.81 2.24 -0.22	40.31 1.88 -0.46	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.44 0.25 0.00	34.62 0.27 0.00	23.09 0.31 0.00	22.75 0.32 0.00	19.18 0.20 0.02	23.22 0.24 0.00	33.48 0.42 0.00	37.81 0.79 0.00	26.29 0.57 0.00	25.61 0.21 0.00	26.78 0.06 0.01	29.95 0.21 0.00	35.71 0.24 0.00	20.03 0.13 17.63	38.72 0.07 0.00	36.94 0.27 0.00	43.43 0.28 0.00	49.78 1.22 0.00	49.24 1.56 0.00	39.60 1.25 0.00	39.02 1.06 0.00	39.03 0.88 0.00	38.19 0.69 0.00	39.05 0.58 0.00
NCHELSEA_115KV_TR2 355582	37.74 1.55 0.00	35.72 1.37 0.00	23.71 0.94 0.00	23.29 0.85 0.00	19.70 0.65 -0.06	23.80 0.82 0.00	34.40 1.34 0.00	38.88 1.86 0.00	27.22 1.51 0.00	27.03 1.63 0.00	28.57 1.84 0.00	31.97 2.04 -0.19	39.46 2.39 -1.60	39.54 2.52 0.52	41.37 2.73 0.00	39.22 2.55 0.00	45.64 2.50 0.00	51.33 2.77 0.00	50.38 2.70 0.00	40.46 2.11 0.00	39.69 1.72 0.00	39.93 1.78 0.00	39.24 1.73 0.00	40.08 1.62 0.00
NEG CAPITAL___MECHNVIL 23645	37.43 1.24 0.00	35.50 1.15 0.00	23.59 0.81 0.00	23.24 0.81 0.00	19.57 0.64 0.06	23.78 0.81 0.00	34.30 1.25 0.00	38.61 1.59 0.00	26.65 0.93 0.00	26.31 0.91 0.00	27.58 0.86 0.00	30.52 0.94 0.17	35.21 1.18 1.45	38.89 1.35 0.00	40.06 1.41 0.00	38.07 1.40 0.00	44.79 1.65 0.00	50.59 2.02 0.00	49.88 2.21 0.00	40.01 1.66 0.00	39.43 1.47 0.00	39.48 1.33 0.00	38.68 1.18 0.00	39.63 1.17 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.38 -0.67 -0.86	34.42 -0.61 -0.68	22.35 -0.43 0.00	22.10 -0.34 0.00	18.72 -0.28 0.00	22.68 -0.30 -0.01	33.11 -0.60 -0.65	38.63 0.37 -1.25	26.63 0.63 -0.29	25.64 0.24 0.00	27.31 0.40 -0.19	30.97 0.57 -0.65	37.56 0.80 -1.29	40.17 1.11 -1.52	41.70 1.29 -1.76	39.50 1.33 -1.50	47.95 1.88 -2.93	55.42 2.55 -4.31	54.08 2.70 -3.70	42.89 2.01 -2.53	42.19 1.73 -2.49	41.99 1.47 -2.37	40.83 1.40 -1.93	41.47 1.27 -1.74



NEG CENTRAL___DRP 24199	37.72 0.13 -1.40	35.59 0.12 -1.11	22.86 0.09 0.00	22.60 0.16 0.00	19.12 0.12 0.00	23.16 0.18 -0.01	34.26 0.14 -1.06	39.06 0.30 -1.73	26.35 0.27 -0.38	25.50 0.10 -0.01	27.12 0.16 -0.24	30.86 0.28 -0.84	37.55 0.40 -1.67	39.89 0.38 -1.97	41.59 0.68 -2.27	39.30 0.69 -1.94	47.90 0.98 -3.78	55.46 1.34 -5.56	53.89 1.43 -4.78	42.65 1.03 -3.26	42.07 0.89 -3.22	41.95 0.75 -3.06	40.70 0.71 -2.49	41.32 0.60 -2.25
NEG CENTRAL___INDECK 23768	38.14 1.12 -0.83	36.11 1.10 -0.66	23.43 0.66 0.00	23.21 0.77 0.00	19.65 0.66 0.00	23.83 0.85 -0.01	34.66 0.97 -0.63	39.41 1.33 -1.06	26.83 0.88 -0.23	25.90 0.50 0.00	27.65 0.78 -0.15	31.25 1.00 -0.52	37.97 1.47 -1.02	40.32 1.57 -1.21	41.90 1.86 -1.40	39.70 1.84 -1.19	47.97 2.50 -2.33	55.16 3.17 -3.43	54.12 3.50 -2.94	43.21 2.84 -2.01	42.59 2.64 -1.98	42.49 2.46 -1.88	41.58 2.55 -1.53	42.34 2.49 -1.39
NEG CENTRAL___SENECA 23627	37.48 0.21 -1.08	35.42 0.21 -0.86	22.90 0.12 0.00	22.65 0.22 0.00	19.16 0.17 0.00	23.23 0.25 -0.01	34.04 0.16 -0.81	38.75 0.37 -1.36	26.38 0.37 -0.30	25.59 0.18 0.00	27.19 0.28 -0.19	30.85 0.44 -0.66	37.39 0.60 -1.31	39.61 0.53 -1.55	41.33 0.89 -1.79	39.08 0.88 -1.53	47.39 1.27 -2.98	54.63 1.69 -4.38	53.21 1.77 -3.76	42.22 1.30 -2.57	41.64 1.14 -2.53	41.56 1.00 -2.41	40.43 0.97 -1.96	41.10 0.86 -1.77
NEG CENTRAL___STATE_STREET 24147	38.03 0.21 -1.63	35.86 0.22 -1.29	22.93 0.15 0.00	22.66 0.23 0.00	19.17 0.18 0.00	23.15 0.16 -0.01	34.54 0.26 -1.22	39.42 0.42 -1.98	26.41 0.27 -0.43	25.50 0.10 -0.01	27.12 0.12 -0.28	30.92 0.22 -0.97	37.70 0.32 -1.91	40.14 0.36 -2.25	41.83 0.59 -2.60	39.47 0.59 -2.22	48.15 0.68 -4.33	55.88 0.96 -6.36	54.32 1.18 -5.47	42.84 0.75 -3.73	42.32 0.67 -3.68	42.19 0.54 -3.49	40.84 0.49 -2.85	41.40 0.36 -2.58
NEG MILLWOOD___DRP 24198	37.82 1.63 0.00	35.79 1.44 0.00	23.74 0.97 0.00	23.32 0.89 0.00	19.73 0.67 -0.07	23.84 0.86 0.00	34.47 1.41 0.00	38.98 1.96 0.00	27.29 1.57 0.00	27.10 1.70 0.00	28.63 1.91 0.00	32.06 2.12 -0.20	39.63 2.48 -1.67	40.21 2.68 0.00	41.54 2.90 0.00	39.36 2.69 0.00	45.78 2.64 0.00	51.46 2.90 0.00	50.53 2.85 0.00	40.59 2.23 0.00	39.79 1.83 0.00	40.05 1.89 0.00	39.34 1.84 0.00	40.18 1.72 0.00
NEG NORTH_FLCN_SEA 23793	37.91 1.73 0.00	35.40 1.05 0.00	23.17 0.39 0.00	22.59 0.15 0.00	19.62 0.63 0.00	23.76 0.79 0.00	34.25 1.19 0.00	37.81 0.79 0.00	26.40 0.69 0.00	26.50 1.11 0.00	27.88 1.16 0.00	30.78 1.04 0.00	36.01 0.53 0.00	37.46 -0.08 0.00	38.09 -0.56 0.00	35.86 -0.81 0.00	42.29 -0.85 0.00	47.82 -0.75 0.00	46.99 -0.69 0.00	37.23 -1.13 0.00	31.68 -1.59 4.70	-8.36 -1.57 44.94	-3.97 -0.82 40.65	37.94 -0.52 0.00
NEG NORTH_KES_CHATEGAY 23792	37.28 1.09 0.00	35.02 0.67 0.00	22.93 0.15 0.00	22.40 -0.04 0.00	19.36 0.37 0.00	23.44 0.46 0.00	33.75 0.69 0.00	37.40 0.39 0.00	26.02 0.31 0.00	25.94 0.54 0.00	27.29 0.57 0.00	30.24 0.50 0.00	35.57 0.09 0.00	37.17 -0.36 0.00	37.96 -0.69 0.00	35.96 -0.71 0.00	42.50 -0.63 0.00	47.91 -0.65 0.00	47.09 -0.59 0.00	37.57 -0.79 0.00	32.06 -0.94 4.96	-10.28 -1.00 47.43	22.89 -0.63 13.98	38.02 -0.44 0.00
NEG NORTH___ALICE_FALLS 23915	37.89 1.70 0.00	35.43 1.08 0.00	23.19 0.41 0.00	22.62 0.19 0.00	19.62 0.63 0.00	23.77 0.80 0.00	34.28 1.22 0.00	37.90 0.88 0.00	26.40 0.69 0.00	26.42 1.02 0.00	27.79 1.07 0.00	30.71 0.97 0.00	35.99 0.52 0.00	37.51 -0.03 0.00	38.22 -0.43 0.00	36.04 -0.63 0.00	42.58 -0.56 0.00	48.18 -0.38 0.00	47.46 -0.22 0.00	37.70 -0.66 0.00	32.17 -1.04 4.75	-8.32 -1.08 45.39	35.42 -0.51 1.57	38.17 -0.29 0.00
NEG NORTH___LWR_SARANAC 23913	37.89 1.70 0.00	35.43 1.08 0.00	23.19 0.41 0.00	22.62 0.19 0.00	19.62 0.63 0.00	23.77 0.80 0.00	34.28 1.22 0.00	37.90 0.88 0.00	26.40 0.69 0.00	26.42 1.02 0.00	27.79 1.07 0.00	30.71 0.97 0.00	35.99 0.52 0.00	37.51 -0.03 0.00	38.22 -0.43 0.00	36.04 -0.63 0.00	42.58 -0.56 0.00	48.18 -0.38 0.00	47.46 -0.22 0.00	37.70 -0.66 0.00	32.17 -1.04 4.75	-8.32 -1.08 45.39	35.42 -0.51 1.57	38.17 -0.29 0.00
NEG NORTH___PLATTSBURG 23628	37.89 1.70 0.00	35.43 1.08 0.00	23.19 0.41 0.00	22.62 0.19 0.00	19.62 0.63 0.00	23.77 0.80 0.00	34.28 1.22 0.00	37.90 0.88 0.00	26.40 0.69 0.00	26.42 1.02 0.00	27.79 1.06 0.00	30.71 0.97 0.00	35.99 0.52 0.00	37.51 -0.03 0.00	38.22 -0.42 0.00	36.04 -0.63 0.00	42.58 -0.56 0.00	48.18 -0.38 0.00	47.46 -0.21 0.00	37.70 -0.66 0.00	32.17 -1.04 4.75	-8.32 -1.09 45.39	35.42 -0.52 1.57	38.17 -0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	36.77 -0.16 -0.75	34.93 -0.02 -0.59	22.71 -0.07 0.00	22.54 0.10 0.00	19.11 0.11 0.00	23.11 0.13 -0.01	32.93 -0.69 -0.57	37.27 -0.74 -0.98	25.66 -0.27 -0.21	25.19 -0.21 0.00	27.07 0.21 -0.14	30.53 0.31 -0.48	36.86 0.43 -0.95	39.10 0.45 -1.12	40.46 0.52 -1.29	38.34 0.57 -1.10	46.12 0.82 -2.16	52.35 0.62 -3.17	51.02 0.62 -2.72	40.55 0.33 -1.86	40.10 0.30 -1.83	40.29 0.40 -1.74	39.97 1.05 -1.42	41.03 1.28 -1.28
NEG WEST___LANCASTR 23811	36.58 -0.37 -0.77	34.69 -0.27 -0.61	22.54 -0.23 0.00	22.38 -0.05 0.00	18.96 -0.04 0.00	22.93 -0.05 -0.01	33.00 -0.65 -0.59	37.52 -0.50 -1.00	25.83 -0.10 -0.22	25.36 -0.05 0.00	27.18 0.31 -0.14	30.70 0.47 -0.49	37.09 0.65 -0.97	39.33 0.65 -1.14	40.86 0.90 -1.32	38.57 0.78 -1.12	46.40 1.06 -2.20	52.72 0.92 -3.23	51.29 0.84 -2.78	40.68 0.43 -1.90	40.23 0.40 -1.87	40.36 0.43 -1.78	39.77 0.82 -1.45	40.72 0.95 -1.31
NEG_PENN_ALLEGHNY 23528	37.32 0.21 -0.92	35.23 0.14 -0.73	22.88 0.10 0.00	22.62 0.18 0.00	19.11 0.12 0.00	23.13 0.15 -0.01	33.92 0.16 -0.69	38.48 0.36 -1.11	26.30 0.35 -0.24	25.68 0.28 0.00	27.25 0.37 -0.16	30.79 0.47 -0.57	37.46 0.62 -1.36	39.45 0.65 -1.26	41.08 0.97 -1.46	38.74 0.82 -1.25	46.57 0.99 -2.44	53.25 1.10 -3.59	51.81 1.05 -3.09	41.21 0.74 -2.11	40.67 0.62 -2.08	40.72 0.59 -1.97	39.68 0.57 -1.61	40.41 0.49 -1.46
NEG___GEN_MONROE 24207	37.35 0.42 -0.74	35.40 0.46 -0.59	23.07 0.29 0.00	22.77 0.33 0.00	19.32 0.32 0.00	23.46 0.48 -0.01	33.99 0.37 -0.56	38.45 0.46 -0.98	26.33 0.41 -0.21	25.69 0.29 0.00	27.43 0.57 -0.14	31.01 0.79 -0.48	37.44 1.03 -0.94	39.87 1.22 -1.11	41.35 1.42 -1.29	39.12 1.35 -1.10	47.15 1.87 -2.14	53.86 2.15 -3.14	52.56 2.18 -2.70	41.81 1.61 -1.84	41.26 1.48 -1.82	41.26 1.38 -1.73	40.50 1.59 -1.41	41.44 1.71 -1.27
NEPA___ENERGY 23901	36.70 -0.26 -0.77	34.64 -0.32 -0.61	22.49 -0.28 0.00	22.38 -0.06 0.00	18.92 -0.07 0.00	22.88 -0.10 -0.01	32.99 -0.65 -0.58	37.61 -0.41 -1.00	25.93 0.01 -0.22	25.34 -0.06 0.00	27.16 0.30 -0.14	30.75 0.52 -0.49	37.21 0.77 -0.96	39.39 0.71 -1.14	41.26 1.30 -1.32	38.67 0.88 -1.12	46.45 1.12 -2.19	52.82 1.03 -3.22	51.46 1.02 -2.77	40.85 0.60 -1.89	40.39 0.56 -1.87	40.53 0.60 -1.77	39.85 0.90 -1.44	40.69 0.92 -1.31

NEVERSINK___HYD 23608	37.02 0.83 0.00	35.02 0.67 0.00	23.24 0.47 0.00	22.84 0.40 0.00	19.32 0.27 -0.05	23.35 0.37 0.00	33.76 0.70 0.00	38.23 1.22 0.00	26.74 1.03 0.00	26.51 1.11 0.00	27.99 1.27 0.00	31.24 1.36 -0.14	38.24 1.54 -1.22	37.73 1.59 1.40	40.44 1.80 0.00	38.28 1.61 0.00	44.73 1.59 0.00	50.42 1.86 0.00	49.51 1.83 0.00	39.80 1.44 0.00	39.03 1.06 0.00	39.27 1.11 0.00	38.57 1.07 0.00	39.36 0.90 0.00
NEWKRMKL_115KV_TB1 55635	36.10 -0.09 0.00	34.30 -0.06 0.00	22.90 0.12 0.00	22.56 0.13 0.00	18.99 0.04 0.05	22.99 0.02 0.00	33.10 0.04 0.00	37.30 0.28 0.00	25.88 0.17 0.00	25.59 0.19 0.00	26.92 0.20 0.00	29.85 0.23 0.12	34.66 0.22 1.03	37.79 0.25 0.00	38.92 0.27 0.00	36.96 0.29 0.00	43.26 0.12 0.00	48.77 0.21 0.00	47.91 0.23 0.00	38.45 0.09 0.00	37.90 -0.07 0.00	38.03 -0.12 0.00	37.33 -0.17 0.00	38.25 -0.21 0.00
NEWTON___FALLS_HYD 23847	37.94 1.18 -0.57	35.81 1.01 -0.45	23.28 0.50 0.00	22.95 0.52 0.00	19.54 0.55 0.00	23.71 0.73 0.00	34.68 1.20 -0.43	38.89 1.20 -0.67	26.49 0.64 -0.14	25.70 0.30 0.00	27.00 0.18 -0.09	30.24 0.17 -0.33	36.26 0.14 -0.64	38.33 0.04 -0.75	39.41 -0.11 -0.87	37.16 -0.26 -0.74	44.46 -0.14 -1.45	50.92 0.22 -2.14	50.05 0.53 -1.83	40.12 0.51 -1.25	40.21 0.55 -1.70	44.44 0.74 -5.55	40.51 0.60 -2.41	40.03 0.70 -0.86
NGRID_A1_DSASP 323792	36.19 -0.74 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.76 -1.23 -0.98	25.34 -0.59 -0.21	24.94 -0.45 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.54 0.12 -0.94	38.75 0.10 -1.12	39.98 0.06 -1.29	37.92 0.15 -1.10	45.55 0.27 -2.14	51.74 0.03 -3.15	50.28 -0.11 -2.71	39.91 -0.29 -1.85	39.52 -0.27 -1.82	39.68 -0.20 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
NGRID_A2_DSASP 323793	36.19 -0.74 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.76 -1.23 -0.98	25.34 -0.59 -0.21	24.94 -0.45 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.54 0.12 -0.94	38.75 0.10 -1.12	39.98 0.06 -1.29	37.92 0.15 -1.10	45.55 0.27 -2.14	51.74 0.03 -3.15	50.28 -0.11 -2.71	39.91 -0.29 -1.85	39.52 -0.27 -1.82	39.68 -0.20 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
NGRID_A4_DSASP 323807	36.19 -0.74 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.76 -1.23 -0.98	25.34 -0.59 -0.21	24.94 -0.45 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.54 0.12 -0.94	38.75 0.10 -1.12	39.98 0.06 -1.29	37.92 0.15 -1.10	45.55 0.27 -2.14	51.74 0.03 -3.15	50.28 -0.11 -2.71	39.91 -0.29 -1.85	39.52 -0.27 -1.82	39.68 -0.20 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
NIAGARA_115E_LBMP 323715	36.46 -0.47 -0.74	34.65 -0.30 -0.59	22.53 -0.25 0.00	22.36 -0.07 0.00	18.96 -0.03 0.00	22.93 -0.05 -0.01	32.52 -1.10 -0.57	36.66 -1.34 -0.98	25.27 -0.66 -0.21	24.87 -0.54 0.00	26.74 -0.12 -0.14	30.13 -0.09 -0.48	36.36 -0.07 -0.95	38.55 -0.10 -1.12	39.79 -0.14 -1.29	37.77 0.00 -1.10	45.43 0.14 -2.15	51.49 -0.23 -3.16	50.14 -0.25 -2.72	39.86 -0.35 -1.86	39.45 -0.35 -1.83	39.65 -0.24 -1.74	39.50 0.58 -1.42	40.62 0.88 -1.28
NIAGARA_115W_LBMP 323714	36.12 -0.81 -0.74	34.33 -0.61 -0.59	22.32 -0.45 0.00	22.15 -0.28 0.00	18.79 -0.21 0.00	22.71 -0.27 -0.01	32.39 -1.23 -0.56	36.69 -1.30 -0.98	25.29 -0.64 -0.21	24.90 -0.50 0.00	26.79 -0.07 -0.14	30.21 -0.01 -0.48	36.47 0.05 -0.94	38.67 0.02 -1.11	39.91 -0.03 -1.29	37.84 0.07 -1.10	45.46 0.17 -2.14	51.63 -0.09 -3.15	50.17 -0.22 -2.71	39.83 -0.38 -1.85	39.44 -0.34 -1.82	39.60 -0.28 -1.73	39.29 0.37 -1.41	40.39 0.65 -1.28
NIAGARA_230_LBMP 323716	36.38 -0.55 -0.74	34.57 -0.36 -0.58	22.49 -0.29 0.00	22.32 -0.11 0.00	18.92 -0.07 0.00	22.87 -0.11 -0.01	32.64 -0.98 -0.56	36.98 -1.02 -0.98	25.48 -0.45 -0.21	25.08 -0.32 0.00	26.95 0.09 -0.13	30.40 0.19 -0.48	36.71 0.30 -0.94	38.92 0.28 -1.11	40.20 0.27 -1.28	38.08 0.32 -1.09	45.77 0.50 -2.13	51.92 0.23 -3.14	50.51 0.14 -2.70	40.09 -0.10 -1.84	39.70 -0.08 -1.82	39.84 -0.03 -1.72	39.53 0.62 -1.40	40.61 0.87 -1.27
NIAGARA___115KV_198_GIBSON 55903	36.12 -0.81 -0.74	34.33 -0.61 -0.59	22.32 -0.45 0.00	22.15 -0.28 0.00	18.79 -0.21 0.00	22.71 -0.27 -0.01	32.40 -1.23 -0.56	36.71 -1.28 -0.98	25.30 -0.62 -0.21	24.89 -0.51 0.00	26.79 -0.07 -0.14	30.21 -0.01 -0.48	36.46 0.04 -0.94	38.67 0.02 -1.11	39.97 0.04 -1.29	37.86 0.09 -1.10	45.49 0.21 -2.14	51.64 -0.07 -3.15	50.19 -0.20 -2.71	39.83 -0.38 -1.85	39.44 -0.35 -1.82	39.64 -0.24 -1.73	39.28 0.37 -1.41	40.39 0.65 -1.28
NIAGARA____ 23760	36.38 -0.55 -0.74	34.58 -0.36 -0.59	22.49 -0.29 0.00	22.32 -0.11 0.00	18.92 -0.07 0.00	22.87 -0.11 -0.01	32.64 -0.98 -0.56	36.98 -1.02 -0.98	25.48 -0.45 -0.21	25.08 -0.32 0.00	26.95 0.09 -0.14	30.40 0.19 -0.48	36.71 0.30 -0.94	38.93 0.28 -1.11	40.20 0.27 -1.29	38.09 0.32 -1.10	45.78 0.50 -2.14	51.94 0.23 -3.15	50.52 0.14 -2.71	40.09 -0.10 -1.84	39.71 -0.08 -1.82	39.85 -0.03 -1.73	39.53 0.62 -1.41	40.62 0.87 -1.28
NINE_MILE_1 23575	25.19 -1.02 9.98	25.45 -0.97 7.93	22.15 -0.62 0.00	21.85 -0.58 0.00	18.49 -0.51 0.00	22.29 -0.61 0.07	24.67 -0.90 7.49	24.30 -0.94 11.78	22.51 -0.65 2.55	24.67 -0.70 0.04	24.36 -0.72 1.64	23.25 -0.77 5.72	23.27 -0.89 11.31	23.33 -0.93 13.27	22.46 -0.88 15.30	22.78 -0.83 13.06	16.71 -0.94 25.49	10.09 -0.98 37.50	14.54 -0.93 32.21	15.56 -0.80 22.00	15.41 -0.85 21.70	16.65 -0.90 20.60	19.82 -0.91 16.78	22.28 -1.00 15.19
NINE_MILE_2 23744	25.02 -1.02 10.15	25.32 -0.97 8.06	22.15 -0.62 0.00	21.85 -0.58 0.00	18.49 -0.51 0.00	22.29 -0.61 0.08	24.54 -0.90 7.62	24.10 -0.94 11.98	22.47 -0.65 2.59	24.66 -0.70 0.04	24.34 -0.72 1.67	23.15 -0.77 5.82	23.08 -0.89 11.50	23.11 -0.93 13.50	22.20 -0.88 15.57	22.56 -0.83 13.28	16.27 -0.94 25.93	9.45 -0.98 38.14	13.99 -0.93 32.75	15.18 -0.80 22.37	15.04 -0.86 22.07	16.30 -0.90 20.95	19.54 -0.91 17.06	22.02 -1.00 15.45
NM_CAPITAL___DRP 24208	36.18 -0.01 0.00	34.38 0.03 0.00	22.94 0.17 0.00	22.61 0.18 0.00	19.02 0.07 0.05	23.04 0.06 0.00	33.15 0.09 0.00	37.39 0.37 0.00	25.93 0.22 0.00	25.66 0.26 0.00	26.97 0.25 0.00	29.89 0.29 0.14	34.63 0.30 1.15	37.87 0.33 0.00	38.99 0.34 0.00	37.01 0.34 0.00	43.29 0.15 0.00	48.79 0.23 0.00	47.96 0.28 0.00	38.49 0.13 0.00	37.94 -0.03 0.00	38.09 -0.06 0.00	37.39 -0.11 0.00	38.33 -0.14 0.00
NM_CENTRAL___DRP 24181	37.11 -0.34 -1.26	35.01 -0.34 -1.00	22.57 -0.21 0.00	22.27 -0.17 0.00	18.84 -0.16 0.00	22.82 -0.16 -0.01	33.76 -0.24 -0.94	38.34 -0.17 -1.50	25.91 -0.13 -0.32	25.19 -0.22 0.00	26.74 -0.19 -0.21	30.31 -0.16 -0.73	36.77 -0.14 -1.44	39.12 -0.11 -1.69	40.62 0.03 -1.95	38.37 0.04 -1.66	46.51 0.12 -3.25	53.60 0.26 -4.78	52.06 0.28 -4.10	41.30 0.15 -2.80	40.76 0.04 -2.76	40.73 -0.05 -2.62	39.53 -0.10 -2.14	40.19 -0.20 -1.93

NM_FRONTIER___DRP 24179	36.12 -0.81 -0.74	34.33 -0.61 -0.59	22.32 -0.45 0.00	22.15 -0.28 0.00	18.79 -0.21 0.00	22.71 -0.27 -0.01	32.40 -1.23 -0.56	36.71 -1.28 -0.98	25.30 -0.62 -0.21	24.89 -0.51 0.00	26.79 -0.07 -0.14	30.21 -0.01 -0.48	36.46 0.04 -0.94	38.67 0.02 -1.11	39.97 0.04 -1.29	37.86 0.09 -1.10	45.49 0.21 -2.14	51.64 -0.07 -3.15	50.19 -0.20 -2.71	39.83 -0.38 -1.85	39.44 -0.35 -1.82	39.64 -0.24 -1.73	39.28 0.37 -1.41	40.39 0.65 -1.28
NM_ST_REGIS___HYD 24053	37.62 1.16 -0.27	35.52 0.95 -0.21	23.18 0.41 0.00	22.76 0.32 0.00	19.49 0.49 0.00	23.63 0.65 0.00	34.28 1.02 -0.20	38.17 0.83 -0.32	26.29 0.51 -0.07	25.84 0.44 0.00	27.14 0.38 -0.04	30.26 0.37 -0.15	36.03 0.25 -0.31	37.96 0.06 -0.36	38.85 -0.21 -0.42	36.81 -0.22 -0.35	43.66 -0.18 -0.69	49.34 -0.25 -1.02	48.40 -0.16 -0.88	38.88 -0.07 -0.60	39.87 0.16 -1.74	50.05 0.33 -11.57	42.61 0.52 -4.58	39.58 0.70 -0.41
NORTHPORT___1 23551	37.48 1.29 0.00	35.54 1.19 0.00	23.61 0.83 0.00	23.12 0.69 0.00	19.55 0.49 -0.07	23.68 0.70 0.00	33.98 0.91 0.00	38.39 1.37 0.00	26.89 1.18 0.00	26.67 1.27 0.00	40.64 1.88 -12.04	43.16 2.03 -11.39	44.52 2.42 -6.61	47.85 2.34 -7.99	47.18 2.42 -6.11	44.51 2.21 -5.64	44.85 1.71 0.00	50.10 1.54 0.00	49.18 1.50 0.00	40.16 1.34 -0.46	38.86 0.90 0.00	40.03 1.08 -0.80	38.65 1.15 0.00	39.70 1.24 0.00
NORTHPORT___2 23552	37.48 1.29 0.00	35.54 1.19 0.00	23.61 0.83 0.00	23.12 0.69 0.00	19.55 0.49 -0.07	23.68 0.70 0.00	33.98 0.91 0.00	38.39 1.37 0.00	26.89 1.18 0.00	26.67 1.27 0.00	40.64 1.88 -12.04	43.16 2.03 -11.39	44.52 2.42 -6.61	47.85 2.34 -7.99	47.18 2.42 -6.11	44.51 2.21 -5.64	44.85 1.71 0.00	50.10 1.54 0.00	49.18 1.50 0.00	40.16 1.34 -0.46	38.86 0.90 0.00	40.03 1.08 -0.80	38.65 1.15 0.00	39.70 1.24 0.00
NORTHPORT___3 23553	37.41 1.22 0.00	35.49 1.14 0.00	23.54 0.76 0.00	23.07 0.63 0.00	19.51 0.44 -0.07	23.61 0.63 0.00	33.82 0.77 0.00	38.19 1.17 0.00	26.71 1.00 0.00	26.52 1.12 0.00	40.68 1.80 -12.15	43.17 1.94 -11.48	44.45 2.31 -6.66	47.67 2.08 -8.05	46.93 2.12 -6.17	44.25 1.90 -5.68	44.41 1.27 0.00	49.66 1.09 0.00	48.74 1.06 0.00	39.79 0.97 -0.46	38.51 0.55 0.00	39.78 0.82 -0.81	38.46 0.96 0.00	39.58 1.12 0.00
NORTHPORT___4 23650	37.41 1.22 0.00	35.49 1.14 0.00	23.54 0.76 0.00	23.07 0.63 0.00	19.51 0.44 -0.07	23.61 0.63 0.00	33.82 0.77 0.00	38.19 1.17 0.00	26.71 1.00 0.00	26.52 1.12 0.00	40.68 1.80 -12.15	43.17 1.94 -11.48	44.45 2.31 -6.66	47.67 2.08 -8.05	46.93 2.12 -6.17	44.25 1.90 -5.68	44.41 1.27 0.00	49.66 1.09 0.00	48.74 1.06 0.00	39.79 0.97 -0.46	38.51 0.55 0.00	39.78 0.82 -0.81	38.46 0.96 0.00	39.58 1.12 0.00
NORTHPORT___IC 23718	37.48 1.29 0.00	35.54 1.19 0.00	23.61 0.84 0.00	23.12 0.69 0.00	19.55 0.49 -0.07	23.68 0.70 0.00	33.98 0.92 0.00	38.38 1.36 0.00	26.89 1.18 0.00	26.67 1.27 0.00	40.64 1.88 -12.04	43.16 2.04 -11.39	44.51 2.42 -6.61	47.85 2.33 -7.99	47.16 2.41 -6.11	44.51 2.21 -5.64	44.85 1.71 0.00	50.10 1.53 0.00	49.18 1.50 0.00	40.16 1.35 -0.46	38.86 0.90 0.00	40.02 1.07 -0.80	38.65 1.15 0.00	39.70 1.24 0.00
NORTH___COUNTRY_ESR 323785	37.17 0.98 0.00	34.95 0.60 0.00	22.88 0.10 0.00	22.35 -0.08 0.00	19.30 0.30 0.00	23.37 0.40 0.00	33.65 0.59 0.00	37.29 0.28 0.00	25.98 0.27 0.00	25.93 0.54 0.00	27.29 0.56 0.00	30.23 0.49 0.00	35.57 0.09 0.00	37.18 -0.36 0.00	37.96 -0.69 0.00	35.96 -0.71 0.00	42.50 -0.63 0.00	47.91 -0.65 0.00	47.01 -0.67 0.00	37.46 -0.90 0.00	31.96 -1.03 4.97	-10.40 -1.07 47.49	22.50 -0.70 14.31	37.94 -0.53 0.00
NPX_GEN_1385_PROXY 323591	37.48 1.29 0.00	35.54 1.19 0.00	23.61 0.83 0.00	23.12 0.69 0.00	19.55 0.49 -0.07	23.51 0.70 0.17	34.25 0.91 -0.27	38.39 1.37 0.00	26.08 1.18 0.81	26.67 1.27 0.00	40.64 1.88 -12.04	43.16 2.03 -11.39	44.52 2.42 -6.61	47.85 2.34 -7.99	47.18 2.42 -6.11	43.64 2.21 -4.76	44.85 1.71 0.00	50.10 1.54 0.00	49.18 1.50 0.00	40.16 1.34 -0.46	38.86 0.90 0.00	40.03 1.08 -0.80	38.65 1.15 0.00	39.70 1.24 0.00
NPX_GEN_CSC 323557	36.94 0.76 0.00	34.94 0.59 0.00	23.30 0.52 0.00	22.79 0.36 0.00	19.23 0.17 -0.07	23.17 0.36 0.17	33.78 0.45 -0.27	37.92 0.90 0.00	25.83 0.93 0.81	26.39 0.99 0.00	40.44 1.50 -12.21	42.85 1.56 -11.55	43.98 1.82 -6.68	47.45 1.82 -8.10	46.90 2.05 -6.20	43.45 1.94 -4.84	44.57 1.43 0.00	49.60 1.03 0.00	48.75 1.08 0.00	39.90 1.08 -0.47	38.64 0.67 0.00	39.68 0.72 -0.81	38.27 0.76 0.00	39.13 0.67 0.00
NSINS_S_GLNS_FALLS 23858	37.52 1.34 0.00	35.51 1.16 0.00	23.55 0.78 0.00	23.22 0.79 0.00	19.58 0.65 0.06	23.82 0.84 0.00	34.45 1.40 0.00	38.79 1.77 0.00	26.67 0.95 0.00	26.33 0.94 0.00	27.52 0.80 0.00	30.42 0.83 0.15	35.22 1.00 1.25	38.75 1.22 0.00	39.89 1.25 0.00	37.90 1.23 0.00	44.70 1.56 0.00	50.64 2.07 0.00	50.12 2.45 0.00	40.22 1.86 0.00	39.62 1.66 0.00	39.56 1.41 0.00	38.67 1.16 0.00	39.68 1.22 0.00
NUCOR_STEEL___DRP 24197	38.07 0.18 -1.69	35.88 0.19 -1.34	22.92 0.14 0.00	22.65 0.21 0.00	19.16 0.17 0.00	23.11 0.12 -0.01	34.56 0.23 -1.27	39.46 0.38 -2.06	26.40 0.24 -0.45	25.48 0.08 -0.01	27.11 0.10 -0.29	30.93 0.19 -1.01	37.75 0.28 -1.99	40.21 0.34 -2.34	41.89 0.55 -2.70	39.53 0.55 -2.30	48.25 0.62 -4.50	56.03 0.86 -6.62	54.45 1.09 -5.68	42.91 0.67 -3.88	42.39 0.60 -3.83	42.25 0.46 -3.63	40.88 0.41 -2.96	41.43 0.28 -2.68
NUMBER_THREE_WT_PWR 323818	38.21 1.33 -0.69	36.04 1.14 -0.55	23.42 0.64 0.00	23.14 0.71 0.00	19.65 0.65 0.00	23.85 0.87 0.00	35.01 1.43 -0.52	39.44 1.60 -0.82	26.73 0.84 -0.18	25.77 0.37 0.00	27.07 0.23 -0.11	30.38 0.23 -0.40	36.51 0.24 -0.79	38.64 0.18 -0.93	39.85 0.13 -1.07	37.55 -0.03 -0.91	45.13 0.21 -1.78	52.19 1.01 -2.62	51.34 1.42 -2.25	41.02 1.13 -1.54	40.58 0.90 -1.71	42.37 0.88 -3.34	39.76 0.45 -1.81	40.05 0.53 -1.06
NYISO_LBMP_REFERENCE 24008	36.19 0.00 0.00	34.35 0.00 0.00	22.77 0.00 0.00	22.43 0.00 0.00	18.99 0.00 0.00	22.97 0.00 0.00	33.06 0.00 0.00	37.02 0.00 0.00	25.71 0.00 0.00	25.40 0.00 0.00	26.72 0.00 0.00	29.74 0.00 0.00	35.48 0.00 0.00	37.54 0.00 0.00	38.64 0.00 0.00	36.67 0.00 0.00	43.14 0.00 0.00	48.56 0.00 0.00	47.68 0.00 0.00	38.36 0.00 0.00	37.97 0.00 0.00	38.15 0.00 0.00	37.50 0.00 0.00	38.46 0.00 0.00
NYPA_BRENTWD____GT 24164	37.99 1.80 0.00	35.93 1.58 0.00	23.86 1.09 0.00	23.36 0.93 0.00	19.76 0.69 -0.07	23.94 0.96 0.00	34.39 1.33 0.00	38.88 1.87 0.00	27.26 1.55 0.00	27.02 1.62 0.00	41.43 2.23 -12.47	43.95 2.43 -11.79	45.16 2.89 -6.79	48.64 2.83 -8.27	48.04 3.06 -6.33	45.32 2.82 -5.84	45.64 2.50 0.00	50.92 2.35 0.00	49.95 2.27 0.00	40.88 2.05 -0.48	39.54 1.58 0.00	40.68 1.70 -0.83	39.21 1.70 0.00	40.21 1.74 0.00

NYPA_GOWANUS____GT5 24156	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NYPA_GOWANUS____GT6 24157	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.50 1.79 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.99 3.35 0.00	39.75 3.08 0.00	45.95 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.23 2.08 0.00	39.61 2.10 0.00	40.49 2.02 0.00
NYPA_HARLEM__RVR__GT1 24160	37.99 1.81 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.15 2.13 0.00	27.48 1.76 0.00	27.32 1.92 0.00	28.91 2.18 0.00	32.37 2.44 -0.20	40.07 2.91 -1.68	40.60 3.06 0.00	41.91 3.26 0.00	39.65 2.98 0.00	45.88 2.74 0.00	51.33 2.77 0.00	50.33 2.65 0.00	40.47 2.12 0.00	39.71 1.74 0.00	40.09 1.94 0.00	39.52 2.02 0.00	40.39 1.93 0.00
NYPA_HARLEM__RVR__GT2 24161	37.99 1.81 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.15 2.13 0.00	27.48 1.76 0.00	27.32 1.92 0.00	28.91 2.18 0.00	32.37 2.44 -0.20	40.07 2.91 -1.68	40.60 3.06 0.00	41.91 3.26 0.00	39.65 2.98 0.00	45.88 2.74 0.00	51.33 2.77 0.00	50.33 2.65 0.00	40.47 2.12 0.00	39.71 1.74 0.00	40.09 1.94 0.00	39.52 2.02 0.00	40.39 1.93 0.00
NYPA_KENT____GT 24152	37.99 1.80 0.00	35.93 1.58 0.00	23.89 1.11 0.00	23.41 0.98 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.12 2.10 0.00	27.48 1.76 0.00	27.35 1.95 0.00	28.95 2.22 0.00	32.41 2.47 -0.20	40.16 3.00 -1.69	40.64 3.10 0.00	41.93 3.29 0.00	39.69 3.02 0.00	45.88 2.74 0.00	51.43 2.85 -0.02	50.43 2.75 0.00	40.77 2.16 -0.25	40.31 1.80 -0.55	40.14 1.99 0.00	39.52 2.02 0.00	40.40 1.94 0.00
NYPA_POUCH1____GT 24155	37.88 1.69 0.00	35.82 1.47 0.00	23.85 1.08 0.00	23.37 0.94 0.00	19.73 0.67 -0.07	23.82 0.85 0.00	34.48 1.42 0.00	38.96 1.94 0.00	27.44 1.73 0.00	27.28 1.88 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	40.11 2.95 -1.68	40.53 2.99 0.00	41.83 3.19 0.00	39.63 2.96 0.00	45.75 2.61 0.00	51.32 2.75 -0.01	50.33 2.65 0.00	40.52 2.10 -0.06	39.86 1.76 -0.13	40.14 1.99 0.00	39.52 2.01 0.00	40.42 1.96 0.00
NYPA_VERNON____GT2 24162	38.00 1.81 0.00	35.94 1.59 0.00	23.87 1.10 0.00	23.42 0.98 0.00	19.81 0.75 -0.07	23.91 0.93 0.00	34.56 1.50 0.00	39.12 2.10 0.00	27.47 1.76 0.00	27.34 1.94 0.00	28.94 2.22 0.00	32.41 2.47 -0.20	40.08 2.92 -1.68	40.57 3.03 0.00	41.86 3.22 0.00	39.62 2.95 0.00	45.82 2.68 0.00	51.32 2.76 0.00	50.34 2.66 0.00	40.42 2.08 0.01	39.66 1.72 0.03	40.05 1.90 0.00	39.45 1.95 0.00	40.32 1.85 0.00
NYPA_VERNON____GT3 24163	38.00 1.81 0.00	35.94 1.59 0.00	23.87 1.10 0.00	23.42 0.98 0.00	19.81 0.75 -0.07	23.91 0.93 0.00	34.56 1.50 0.00	39.12 2.10 0.00	27.47 1.76 0.00	27.34 1.94 0.00	28.94 2.22 0.00	32.41 2.47 -0.20	40.08 2.92 -1.68	40.57 3.03 0.00	41.86 3.22 0.00	39.62 2.95 0.00	45.82 2.68 0.00	51.32 2.76 0.00	50.34 2.66 0.00	40.42 2.08 0.01	39.66 1.72 0.03	40.05 1.90 0.00	39.45 1.95 0.00	40.32 1.85 0.00
NYPA____ASTORIA_CC1 323568	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.71 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.43 -0.20	40.04 2.88 -1.68	40.51 2.97 0.00	41.79 3.14 0.00	39.55 2.88 0.00	45.74 2.60 0.00	51.24 2.67 0.00	50.24 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.99 1.84 0.00	39.39 1.89 0.00	40.25 1.79 0.00
NYPA____ASTORIA_CC2 323569	37.95 1.76 0.00	35.90 1.55 0.00	23.84 1.07 0.00	23.39 0.96 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.51 1.45 0.00	39.04 2.02 0.00	27.42 1.71 0.00	27.30 1.90 0.00	28.90 2.18 0.00	32.37 2.43 -0.20	40.04 2.88 -1.68	40.51 2.97 0.00	41.79 3.14 0.00	39.55 2.88 0.00	45.74 2.60 0.00	51.24 2.67 0.00	50.24 2.57 0.00	40.38 2.02 0.00	39.63 1.66 0.00	39.99 1.84 0.00	39.39 1.89 0.00	40.25 1.79 0.00
NYPA____HOLTSVILL 23794	37.25 1.07 0.00	35.26 0.91 0.00	23.49 0.71 0.00	22.99 0.55 0.00	19.41 0.35 -0.07	23.54 0.57 0.00	33.78 0.72 0.00	38.22 1.20 0.00	26.84 1.13 0.00	26.59 1.19 0.00	40.64 1.73 -12.19	43.07 1.80 -11.53	44.25 2.10 -6.67	47.69 2.07 -8.08	47.14 2.30 -6.19	44.52 2.14 -5.71	44.80 1.66 0.00	49.83 1.27 0.00	48.98 1.30 0.00	40.08 1.25 -0.47	38.83 0.87 0.00	39.90 0.94 -0.81	38.49 0.99 0.00	39.40 0.94 0.00
NYPA____HELLGATE_GT1 24158	37.99 1.81 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.15 2.13 0.00	27.48 1.76 0.00	27.32 1.92 0.00	28.91 2.18 0.00	32.37 2.44 -0.20	40.07 2.91 -1.68	40.60 3.06 0.00	41.91 3.26 0.00	39.65 2.98 0.00	45.88 2.74 0.00	51.42 2.85 0.00	50.42 2.74 0.00	40.54 2.18 0.00	39.78 1.81 0.00	40.14 1.98 0.00	39.52 2.02 0.00	40.38 1.92 0.00
NYPA____HELLGATE_GT2 24159	37.99 1.81 0.00	35.93 1.58 0.00	23.88 1.10 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.88 0.90 0.00	34.59 1.53 0.00	39.15 2.13 0.00	27.48 1.76 0.00	27.32 1.92 0.00	28.91 2.18 0.00	32.37 2.44 -0.20	40.07 2.91 -1.68	40.60 3.06 0.00	41.91 3.26 0.00	39.65 2.98 0.00	45.88 2.74 0.00	51.42 2.85 0.00	50.42 2.74 0.00	40.54 2.18 0.00	39.78 1.81 0.00	40.14 1.98 0.00	39.52 2.02 0.00	40.38 1.92 0.00
NYS_BARGE____HYD 23848	36.81 -0.13 -0.75	34.95 0.01 -0.59	22.73 -0.04 0.00	22.55 0.12 0.00	19.13 0.13 0.00	23.14 0.16 -0.01	32.94 -0.68 -0.57	37.25 -0.75 -0.98	25.65 -0.27 -0.21	25.19 -0.21 0.00	27.06 0.19 -0.14	30.51 0.29 -0.48	36.84 0.42 -0.95	39.07 0.42 -1.12	40.36 0.43 -1.29	38.30 0.53 -1.10	46.07 0.78 -2.15	52.35 0.62 -3.17	51.03 0.63 -2.72	40.57 0.36 -1.86	40.12 0.32 -1.83	40.26 0.37 -1.74	40.00 1.09 -1.42	41.08 1.34 -1.28
OAK ORCHARD____HYD 24046	36.98 0.06 -0.74	35.03 0.09 -0.59	22.80 0.03 0.00	22.55 0.12 0.00	19.11 0.11 0.00	23.15 0.17 -0.01	33.62 -0.01 -0.56	38.21 0.21 -0.98	26.16 0.24 -0.21	25.60 0.20 0.00	27.34 0.49 -0.14	30.87 0.66 -0.48	37.33 0.91 -0.94	39.67 1.02 -1.11	41.08 1.15 -1.28	38.95 1.18 -1.09	46.87 1.59 -2.13	53.53 1.83 -3.14	52.18 1.80 -2.70	41.49 1.29 -1.84	40.92 1.14 -1.82	40.92 1.04 -1.73	40.14 1.23 -1.41	40.98 1.25 -1.27

OAKDALE___35_KV_LOAD 356122	37.15 0.05 -0.91	35.08 0.01 -0.73	22.79 0.02 0.00	22.53 0.09 0.00	19.04 0.04 0.00	23.03 0.05 -0.01	33.76 0.01 -0.69	38.29 0.18 -1.09	26.18 0.23 -0.24	25.57 0.17 0.00	27.14 0.26 -0.15	30.66 0.35 -0.57	37.29 0.47 -1.35	39.27 0.48 -1.25	40.90 0.80 -1.45	38.54 0.63 -1.24	46.29 0.73 -2.42	52.93 0.81 -3.56	51.51 0.77 -3.06	40.96 0.52 -2.09	40.43 0.41 -2.06	40.52 0.41 -1.95	39.50 0.40 -1.59	40.22 0.32 -1.44
OCC_CHEM___DRP 24175	36.18 -0.75 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.79 -1.21 -0.98	25.35 -0.57 -0.21	24.94 -0.46 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.53 0.11 -0.94	38.75 0.10 -1.12	40.05 0.11 -1.29	37.93 0.17 -1.10	45.58 0.30 -2.14	51.74 0.03 -3.15	50.29 -0.09 -2.71	39.91 -0.30 -1.85	39.52 -0.27 -1.82	39.71 -0.17 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
OH_GEN_PROXY 24063	36.36 -0.56 -0.74	34.55 -0.38 -0.58	22.47 -0.30 0.00	22.30 -0.13 0.00	18.91 -0.09 0.00	22.69 -0.12 0.17	12.10 -0.95 20.01	37.02 -0.97 -0.98	24.70 -0.41 0.60	25.11 -0.30 0.00	26.97 0.11 -0.13	30.44 0.22 -0.48	36.75 0.34 -0.94	38.97 0.32 -1.11	40.26 0.33 -1.28	37.26 0.37 -0.22	45.83 0.56 -2.13	52.02 0.32 -3.14	50.58 0.21 -2.69	40.15 -0.05 -1.84	39.74 -0.04 -1.81	39.88 0.01 -1.72	39.51 0.61 -1.40	40.57 0.84 -1.27
OLIN_CORP_DRP 24177	36.49 -0.44 -0.75	34.68 -0.26 -0.59	22.55 -0.23 0.00	22.37 -0.06 0.00	18.97 -0.02 0.00	22.94 -0.04 -0.01	32.57 -1.06 -0.57	36.77 -1.24 -0.98	25.34 -0.59 -0.21	24.91 -0.49 0.00	26.78 -0.07 -0.14	30.19 -0.03 -0.48	36.44 0.01 -0.95	38.66 0.00 -1.12	39.95 0.01 -1.29	37.87 0.10 -1.10	45.56 0.27 -2.15	51.62 -0.11 -3.17	50.26 -0.14 -2.72	39.94 -0.28 -1.86	39.53 -0.27 -1.83	39.75 -0.14 -1.74	39.55 0.63 -1.42	40.66 0.91 -1.28
OLIN_CORP_DSASP 323712	36.19 -0.74 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.76 -1.23 -0.98	25.34 -0.59 -0.21	24.94 -0.45 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.54 0.12 -0.94	38.75 0.10 -1.12	39.98 0.06 -1.29	37.92 0.15 -1.10	45.55 0.27 -2.14	51.74 0.03 -3.15	50.28 -0.11 -2.71	39.91 -0.29 -1.85	39.52 -0.27 -1.82	39.68 -0.20 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
ONEIDA_HERK_LFGE 323681	37.60 0.97 -0.44	35.57 0.87 -0.35	23.31 0.54 0.00	23.01 0.57 0.00	19.49 0.50 0.00	23.64 0.67 0.00	34.47 1.08 -0.33	38.80 1.26 -0.52	26.54 0.71 -0.11	25.82 0.42 0.00	27.16 0.37 -0.07	30.40 0.40 -0.25	36.44 0.46 -0.50	38.64 0.51 -0.59	39.88 0.56 -0.68	37.74 0.49 -0.58	44.99 0.72 -1.13	51.54 1.31 -1.66	50.65 1.55 -1.43	40.56 1.23 -0.98	40.07 1.05 -1.05	40.94 0.99 -1.79	39.28 0.74 -1.04	39.86 0.73 -0.67
ONEIDA___115KV_TB4 55905	37.71 0.84 -0.68	35.67 0.78 -0.54	23.29 0.52 0.00	22.98 0.55 0.00	19.45 0.45 0.00	23.60 0.61 0.00	34.55 0.99 -0.51	39.01 1.18 -0.81	26.58 0.69 -0.18	25.83 0.43 0.00	27.25 0.42 -0.11	30.61 0.48 -0.39	36.87 0.61 -0.78	39.22 0.76 -0.91	40.55 0.85 -1.06	38.44 0.87 -0.90	46.06 1.16 -1.76	52.89 1.75 -2.58	51.83 1.94 -2.22	41.38 1.51 -1.51	40.79 1.33 -1.50	40.80 1.23 -1.42	39.71 1.05 -1.16	40.47 0.96 -1.05
ONONDAGA_REF_OCCRA 23987	37.54 -0.04 -1.39	35.38 -0.07 -1.10	22.75 -0.03 0.00	22.44 0.01 0.00	18.98 -0.01 0.00	23.01 0.02 -0.01	34.16 0.06 -1.04	38.83 0.16 -1.65	26.14 0.08 -0.36	25.35 -0.05 0.00	26.92 -0.03 -0.23	30.57 0.03 -0.80	37.15 0.09 -1.58	39.54 0.14 -1.86	41.07 0.28 -2.15	38.80 0.30 -1.83	47.17 0.45 -3.57	54.53 0.71 -5.26	52.93 0.74 -4.51	41.98 0.54 -3.08	41.42 0.41 -3.04	41.36 0.32 -2.89	40.08 0.23 -2.35	40.71 0.12 -2.13
ONONDAGA___COGEN 23986	37.87 -0.13 -1.81	35.65 -0.14 -1.44	22.70 -0.07 0.00	22.40 -0.03 0.00	18.95 -0.05 0.00	22.95 -0.04 -0.01	34.38 -0.04 -1.36	39.24 0.03 -2.19	26.18 0.00 -0.47	25.30 -0.11 -0.01	26.95 -0.08 -0.30	30.76 -0.03 -1.06	37.58 0.02 -2.08	40.05 0.07 -2.45	41.67 0.20 -2.83	39.30 0.21 -2.41	48.19 0.34 -4.71	56.03 0.54 -6.93	54.21 0.58 -5.95	42.81 0.39 -4.06	42.24 0.27 -4.01	42.14 0.18 -3.81	40.71 0.11 -3.10	41.27 0.00 -2.81
ONTARIO___LFGE 23819	37.47 0.20 -1.08	35.42 0.21 -0.86	22.90 0.12 0.00	22.65 0.22 0.00	19.16 0.17 0.00	23.23 0.25 -0.01	34.04 0.17 -0.81	38.74 0.36 -1.36	26.37 0.37 -0.30	25.59 0.19 0.00	27.20 0.28 -0.19	30.85 0.45 -0.66	37.39 0.60 -1.31	39.62 0.53 -1.55	41.30 0.87 -1.79	39.07 0.87 -1.53	47.38 1.26 -2.98	54.62 1.68 -4.38	53.19 1.75 -3.76	42.22 1.30 -2.57	41.64 1.14 -2.53	41.54 0.98 -2.41	40.43 0.96 -1.96	41.10 0.86 -1.77
ORANGEVILLE_WT_PWR 323706	36.90 -0.10 -0.81	34.99 -0.01 -0.65	22.71 -0.06 0.00	22.54 0.10 0.00	19.08 0.08 0.00	23.04 0.06 -0.01	33.11 -0.57 -0.62	37.55 -0.52 -1.05	25.80 -0.14 -0.23	25.24 -0.16 0.00	27.05 0.18 -0.15	30.58 0.33 -0.51	36.98 0.50 -1.01	39.23 0.50 -1.19	40.78 0.76 -1.38	38.58 0.73 -1.17	46.53 1.09 -2.29	52.96 1.02 -3.37	51.59 1.02 -2.90	41.05 0.71 -1.98	40.56 0.65 -1.95	40.65 0.65 -1.85	40.00 0.99 -1.51	40.91 1.08 -1.37
ORANGEVILLE___ESR 323794	36.90 -0.10 -0.81	34.99 -0.01 -0.65	22.71 -0.06 0.00	22.54 0.10 0.00	19.08 0.08 0.00	23.04 0.06 -0.01	33.11 -0.57 -0.62	37.55 -0.52 -1.05	25.80 -0.14 -0.23	25.24 -0.16 0.00	27.05 0.18 -0.15	30.58 0.33 -0.51	36.98 0.50 -1.01	39.23 0.50 -1.19	40.78 0.76 -1.38	38.58 0.73 -1.17	46.53 1.09 -2.29	52.96 1.02 -3.37	51.59 1.02 -2.90	41.05 0.71 -1.98	40.56 0.65 -1.95	40.65 0.65 -1.85	40.00 0.99 -1.51	40.91 1.08 -1.37
OSWEGATCHIE___HYD 24044	37.94 1.18 -0.57	35.81 1.01 -0.45	23.28 0.50 0.00	22.95 0.52 0.00	19.54 0.55 0.00	23.71 0.73 0.00	34.68 1.20 -0.43	38.89 1.20 -0.67	26.49 0.64 -0.14	25.70 0.30 0.00	27.00 0.18 -0.09	30.24 0.17 -0.33	36.26 0.14 -0.64	38.33 0.04 -0.75	39.41 -0.11 -0.87	37.16 -0.26 -0.74	44.45 -0.14 -1.45	50.92 0.22 -2.14	50.05 0.53 -1.83	40.11 0.51 -1.25	40.21 0.55 -1.70	44.44 0.74 -5.55	40.51 0.60 -2.41	40.03 0.70 -0.86
OSWEGO___5 23606	40.75 -0.74 -5.30	37.85 -0.71 -4.21	22.32 -0.45 0.00	22.02 -0.42 0.00	18.63 -0.36 0.00	22.58 -0.43 -0.04	36.38 -0.65 -3.98	42.62 -0.65 -6.25	26.61 -0.45 -1.35	24.91 -0.51 -0.02	27.08 -0.51 -0.87	32.23 -0.55 -3.04	40.87 -0.62 -6.00	43.96 -0.63 -7.05	46.21 -0.56 -8.13	43.08 -0.54 -6.94	56.10 -0.58 -13.54	67.91 -0.57 -19.92	64.26 -0.53 -17.11	49.57 -0.47 -11.68	48.95 -0.54 -11.53	48.50 -0.59 -10.94	45.81 -0.60 -8.91	45.84 -0.69 -8.07
OSWEGO___6 23613	40.75 -0.74 -5.30	37.85 -0.71 -4.21	22.32 -0.45 0.00	22.02 -0.42 0.00	18.63 -0.36 0.00	22.58 -0.43 -0.04	36.38 -0.65 -3.98	42.62 -0.65 -6.25	26.61 -0.45 -1.35	24.91 -0.51 -0.02	27.08 -0.51 -0.87	32.23 -0.55 -3.04	40.87 -0.62 -6.00	43.96 -0.63 -7.05	46.21 -0.56 -8.13	43.08 -0.54 -6.94	56.10 -0.58 -13.54	67.91 -0.57 -19.92	64.26 -0.53 -17.11	49.57 -0.47 -11.68	48.95 -0.54 -11.53	48.50 -0.59 -10.94	45.81 -0.60 -8.91	45.84 -0.69 -8.07

OUTOKUMPU-AB___DRP 24206	36.90 -0.04 -0.75	35.04 0.10 -0.59	22.77 0.00 0.00	22.61 0.17 0.00	19.17 0.18 0.00	23.19 0.21 -0.01	33.12 -0.51 -0.57	37.57 -0.44 -0.99	25.88 -0.05 -0.21	25.42 0.02 0.00	27.32 0.46 -0.14	30.83 0.61 -0.48	37.23 0.80 -0.95	39.49 0.83 -1.12	40.90 0.96 -1.30	38.76 0.98 -1.10	46.59 1.30 -2.16	52.93 1.20 -3.17	51.54 1.14 -2.73	40.90 0.68 -1.86	40.46 0.66 -1.84	40.62 0.73 -1.74	40.20 1.28 -1.42	41.25 1.50 -1.29
OXBOW___BTM 323836	36.61 -0.33 -0.74	34.78 -0.16 -0.59	22.61 -0.17 0.00	22.44 0.01 0.00	19.02 0.03 0.00	23.01 0.03 -0.01	32.85 -0.78 -0.57	37.22 -0.78 -0.98	25.65 -0.28 -0.21	25.23 -0.17 0.00	27.13 0.27 -0.14	30.61 0.39 -0.48	36.96 0.54 -0.95	39.20 0.55 -1.12	40.50 0.57 -1.29	38.42 0.65 -1.10	46.17 0.88 -2.15	52.46 0.73 -3.16	51.03 0.63 -2.72	40.51 0.30 -1.86	40.09 0.30 -1.83	40.22 0.33 -1.74	39.87 0.95 -1.42	40.94 1.20 -1.28
OXBOW___ 24026	36.61 -0.32 -0.74	34.78 -0.16 -0.59	22.61 -0.17 0.00	22.44 0.01 0.00	19.02 0.03 0.00	23.01 0.03 -0.01	32.85 -0.77 -0.57	37.24 -0.76 -0.98	25.67 -0.26 -0.21	25.23 -0.17 0.00	27.13 0.27 -0.14	30.61 0.39 -0.48	36.95 0.53 -0.95	39.21 0.56 -1.12	40.56 0.63 -1.29	38.44 0.66 -1.10	46.20 0.91 -2.15	52.48 0.75 -3.16	51.05 0.66 -2.72	40.51 0.29 -1.86	40.08 0.29 -1.83	40.26 0.37 -1.74	39.87 0.95 -1.42	40.94 1.19 -1.28
OXY_CHEM_DSASP 323612	36.18 -0.75 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.79 -1.21 -0.98	25.35 -0.46 -0.21	24.94 -0.46 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.53 0.11 -0.94	38.75 0.10 -1.12	40.05 0.11 -1.29	37.93 0.17 -1.10	45.58 0.30 -2.14	51.74 0.03 -3.15	50.29 -0.09 -2.71	39.91 -0.30 -1.85	39.52 -0.27 -1.82	39.71 -0.17 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
OZONE_PARK_ESR 323760	38.39 2.20 0.00	36.30 1.95 0.00	24.06 1.28 0.00	23.61 1.18 0.00	19.98 0.92 -0.07	24.12 1.14 0.00	34.90 1.84 0.00	39.53 2.51 0.00	27.72 2.02 0.00	27.60 2.20 0.00	29.21 2.49 0.00	32.70 2.77 -0.20	40.38 3.23 -1.68	40.96 3.42 0.00	42.30 3.66 0.00	40.01 3.34 0.00	46.38 3.24 0.00	52.00 3.44 0.00	50.98 3.30 0.00	40.94 2.59 0.00	40.18 2.22 0.00	40.52 2.37 0.00	39.87 2.37 0.00	40.71 2.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.18 -0.75 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.79 -1.21 -0.98	25.35 -0.57 -0.21	24.94 -0.46 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.53 0.11 -0.94	38.75 0.10 -1.12	40.05 0.11 -1.29	37.93 0.17 -1.10	45.58 0.30 -2.14	51.74 0.03 -3.15	50.29 -0.09 -2.71	39.91 -0.30 -1.85	39.52 -0.27 -1.82	39.71 -0.17 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
PACKARD__115KV_DUPONT_184 80571	36.18 -0.75 -0.74	34.40 -0.54 -0.59	22.37 -0.41 0.00	22.19 -0.24 0.00	18.83 -0.17 0.00	22.75 -0.22 -0.01	32.45 -1.17 -0.56	36.79 -1.21 -0.98	25.35 -0.57 -0.21	24.94 -0.46 0.00	26.84 -0.02 -0.14	30.27 0.06 -0.48	36.53 0.11 -0.94	38.75 0.10 -1.12	40.05 0.11 -1.29	37.93 0.17 -1.10	45.58 0.30 -2.14	51.74 0.03 -3.15	50.29 -0.09 -2.71	39.91 -0.30 -1.85	39.52 -0.27 -1.82	39.71 -0.17 -1.73	39.36 0.45 -1.41	40.47 0.73 -1.28
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.98 1.79 0.00	35.91 1.56 0.00	23.86 1.09 0.00	23.40 0.96 0.00	19.80 0.74 -0.07	23.88 0.90 0.00	34.56 1.50 0.00	39.09 2.07 0.00	27.43 1.72 0.00	27.27 1.87 0.00	28.84 2.12 0.00	32.31 2.37 -0.20	39.98 2.82 -1.68	40.50 2.96 0.00	41.78 3.13 0.00	39.54 2.87 0.00	45.75 2.61 0.00	51.28 2.72 0.00	50.29 2.61 0.00	40.44 2.09 0.00	39.67 1.71 0.00	40.03 1.88 0.00	39.44 1.94 0.00	40.29 1.83 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.97 2.78 0.00	36.88 2.53 0.00	24.46 1.69 0.00	23.98 1.55 0.00	20.29 1.23 -0.07	24.53 1.56 0.00	35.51 2.45 0.00	40.10 3.08 0.00	28.11 2.40 0.00	27.92 2.52 0.00	29.53 2.81 0.00	33.07 3.13 -0.20	40.95 3.79 -1.68	41.50 3.96 0.00	42.80 4.16 0.00	40.52 3.85 0.00	46.88 3.74 0.00	52.49 3.93 0.00	51.46 3.79 0.00	41.39 3.03 0.00	40.61 2.65 0.00	40.96 2.81 0.00	40.35 2.85 0.00	41.25 2.78 0.00
PATROON__115KV_TB1 80586	36.23 0.04 0.00	34.41 0.06 0.00	22.97 0.19 0.00	22.63 0.20 0.00	19.05 0.10 0.05	23.07 0.10 0.00	33.21 0.15 0.00	37.42 0.41 0.00	25.97 0.25 0.00	25.68 0.28 0.00	27.01 0.29 0.00	29.95 0.33 0.13	34.77 0.36 1.07	37.94 0.40 0.00	39.07 0.43 0.00	37.11 0.44 0.00	43.45 0.30 0.00	48.97 0.41 0.00	48.12 0.44 0.00	38.61 0.26 0.00	38.05 0.09 0.00	38.18 0.03 0.00	37.48 -0.03 0.00	38.38 -0.08 0.00
PATTRSNVILLE___SOLAR 323815	37.09 0.90 0.00	35.22 0.87 0.00	23.38 0.61 0.00	23.02 0.59 0.00	19.43 0.48 0.04	23.56 0.58 0.00	33.97 0.91 0.00	38.14 1.12 0.00	26.32 0.60 0.00	25.82 0.42 0.00	26.97 0.25 0.00	29.89 0.25 0.10	34.97 0.38 0.89	38.04 0.51 0.00	39.17 0.53 0.00	37.23 0.56 0.00	44.08 0.94 0.00	49.87 1.31 0.00	49.21 1.53 0.00	39.57 1.21 0.00	39.03 1.07 0.00	39.18 1.02 0.00	38.46 0.96 0.00	39.39 0.93 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.79 -0.16 -0.76	34.89 -0.07 -0.60	22.67 -0.10 0.00	22.51 0.08 0.00	19.07 0.08 0.00	23.06 0.08 -0.01	33.14 -0.50 -0.58	37.67 -0.35 -1.00	25.94 0.01 -0.22	25.47 0.07 0.00	27.32 0.46 -0.14	30.85 0.63 -0.49	37.28 0.84 -0.96	39.54 0.87 -1.14	41.07 1.12 -1.31	38.80 1.01 -1.12	46.69 1.37 -2.18	53.05 1.27 -3.21	51.64 1.20 -2.76	40.97 0.73 -1.89	40.49 0.66 -1.86	40.62 0.70 -1.77	40.06 1.12 -1.44	41.01 1.24 -1.30
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.82 1.63 0.00	35.79 1.44 0.00	23.74 0.97 0.00	23.32 0.89 0.00	19.73 0.67 -0.07	23.84 0.86 0.00	34.47 1.41 0.00	38.98 1.96 0.00	27.29 1.57 0.00	27.10 1.70 0.00	28.63 1.91 0.00	32.06 2.12 -0.20	39.63 2.48 -1.67	40.21 2.68 0.00	41.54 2.90 0.00	39.36 2.69 0.00	45.78 2.64 0.00	51.46 2.90 0.00	50.53 2.85 0.00	40.59 2.23 0.00	39.79 1.83 0.00	40.05 1.89 0.00	39.34 1.84 0.00	40.18 1.72 0.00
PEEKSKILL___ 23653	37.57 1.38 0.00	35.55 1.20 0.00	23.58 0.81 0.00	23.16 0.73 0.00	19.61 0.55 -0.07	23.68 0.70 0.00	34.21 1.15 0.00	38.70 1.68 0.00	27.10 1.39 0.00	26.92 1.53 0.00	28.49 1.77 0.00	31.92 1.98 -0.20	39.46 2.33 -1.66	39.97 2.43 0.00	41.29 2.65 0.00	39.06 2.39 0.00	45.35 2.21 0.00	50.96 2.39 0.00	50.00 2.32 0.00	40.14 1.79 0.00	39.36 1.40 0.00	39.68 1.53 0.00	39.02 1.52 0.00	39.90 1.43 0.00
PGE MADISON___WINDPWR 24146	39.11 2.00 -0.92	36.95 1.87 -0.73	23.95 1.18 0.00	23.70 1.27 0.00	20.06 1.06 0.00	24.38 1.39 -0.01	35.99 2.25 -0.69	40.77 2.71 -1.04	27.65 1.72 -0.22	26.75 1.35 0.00	28.12 1.26 -0.15	31.85 1.56 -0.55	38.76 1.92 -1.36	40.67 1.89 -1.24	42.40 2.28 -1.46	40.11 2.19 -1.25	48.65 3.07 -2.44	56.30 4.15 -3.59	55.20 4.43 -3.09	43.90 3.44 -2.11	43.30 3.26 -2.08	43.20 3.08 -1.97	41.91 2.80 -1.61	42.55 2.63 -1.46

PIERCEFIELD___HYD 23852	37.53 1.05 -0.30	35.49 0.91 -0.24	23.17 0.40 0.00	22.78 0.34 0.00	19.45 0.46 0.00	23.59 0.62 0.00	34.25 0.96 -0.22	38.15 0.78 -0.35	26.24 0.45 -0.08	25.72 0.33 0.00	27.01 0.24 -0.05	30.15 0.24 -0.17	35.99 0.18 -0.34	38.00 0.06 -0.40	38.93 -0.18 -0.46	36.87 -0.19 -0.39	43.72 -0.18 -0.77	49.34 -0.35 -1.13	48.41 -0.24 -0.97	38.97 -0.05 -0.66	39.56 0.27 -1.33	45.73 0.51 -7.07	40.82 0.67 -2.65	39.74 0.82 -0.46
PINELAWN_CC_1 323563	37.79 1.60 0.00	35.78 1.43 0.00	23.74 0.97 0.00	23.25 0.81 0.00	19.66 0.60 -0.07	23.82 0.84 0.00	34.20 1.14 0.00	38.66 1.64 0.00	27.10 1.39 0.00	26.89 1.49 0.00	42.22 2.03 -13.47	44.66 2.21 -12.71	45.31 2.64 -7.20	49.05 2.58 -8.93	48.04 2.55 -6.84	45.18 2.21 -6.30	44.89 1.75 0.00	50.05 1.49 0.00	49.13 1.45 0.00	40.17 1.30 -0.51	39.02 1.05 0.00	40.57 1.53 -0.89	39.02 1.52 0.00	40.03 1.57 0.00
PJM_GEN_HTP_PROXY 323702	37.90 1.71 0.00	35.86 1.50 0.00	23.78 1.01 0.00	23.35 0.92 0.00	19.76 0.70 -0.07	23.74 0.87 0.11	34.48 1.42 0.00	39.05 2.03 0.00	27.39 1.68 0.00	27.27 1.87 0.00	28.87 2.14 0.00	32.32 2.38 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	45.50 3.11 -3.75	39.50 2.82 0.00	46.63 2.64 -0.85	51.32 2.76 0.00	50.32 2.65 0.00	40.40 2.05 0.00	39.64 1.67 0.00	40.00 1.85 0.00	39.36 1.85 0.00	40.21 1.75 0.00
PJM_GEN_KEystone 24065	36.91 0.25 -0.46	34.93 0.22 -0.37	22.89 0.12 0.00	22.61 0.18 0.00	19.14 0.11 -0.03	23.03 0.16 0.11	33.48 0.07 -0.35	37.99 0.37 -0.60	26.33 0.48 -0.13	25.97 0.57 0.00	27.63 0.82 -0.08	31.13 0.99 -0.40	38.16 1.22 -1.46	39.45 1.22 -0.68	46.16 1.53 -5.98	36.71 1.26 1.22	46.49 1.18 -2.17	51.74 1.25 -1.94	53.61 1.18 -4.75	39.01 0.77 0.11	39.61 0.53 -1.12	39.83 0.61 -1.06	39.17 0.81 -0.87	40.05 0.80 -0.78
PJM_GEN_NEPTUNE_PROXY 323594	37.47 1.28 0.00	35.49 1.14 0.00	23.54 0.76 0.00	23.07 0.64 0.00	19.51 0.45 -0.07	23.51 0.64 0.11	33.93 0.87 0.00	38.34 1.32 0.00	26.86 1.15 0.00	26.69 1.30 0.00	39.87 1.79 -11.35	42.41 1.92 -10.75	44.10 2.29 -6.33	47.31 2.25 -7.53	50.56 2.41 -9.51	44.17 2.19 -5.31	45.81 1.81 -0.85	50.32 1.75 0.00	49.38 1.70 0.00	40.24 1.45 -0.43	38.97 1.00 0.00	40.08 1.17 -0.75	38.67 1.17 0.00	39.67 1.21 0.00
PJM_GEN_VFT_PROXY 323633	37.71 1.53 0.00	35.68 1.33 0.00	23.66 0.89 0.00	23.23 0.80 0.00	19.66 0.60 -0.07	23.63 0.76 0.11	34.31 1.26 0.00	38.84 1.83 0.00	27.25 1.54 0.00	27.12 1.73 0.00	28.72 1.99 0.00	32.17 2.23 -0.20	39.72 2.56 -1.68	40.21 2.67 0.00	45.29 2.90 -3.75	39.29 2.62 0.00	46.35 2.36 -0.85	51.00 2.44 0.00	50.02 2.34 0.00	40.17 1.82 0.00	39.43 1.46 0.00	39.79 1.64 0.00	39.14 1.64 0.00	40.00 1.54 0.00
PLATSBURG_115KV_PMLD1 355749	37.89 1.70 0.00	35.37 1.02 0.00	23.15 0.38 0.00	22.57 0.14 0.00	19.61 0.61 0.00	23.75 0.77 0.00	34.22 1.16 0.00	37.79 0.77 0.00	26.38 0.67 0.00	26.48 1.09 0.00	27.87 1.15 0.00	30.77 1.03 0.00	36.00 0.53 0.00	37.47 -0.07 0.00	38.12 -0.52 0.00	35.92 -0.75 0.00	42.42 -0.72 0.00	47.96 -0.60 0.00	47.14 -0.54 0.00	37.34 -1.01 0.00	31.80 -1.47 4.70	-8.28 -1.50 44.94	-3.97 -0.82 40.65	37.91 -0.55 0.00
PLEASANTVLY___LBMP 24000	37.26 1.07 0.00	35.29 0.94 0.00	23.44 0.66 0.00	23.03 0.59 0.00	19.50 0.43 -0.07	23.52 0.55 0.00	33.98 0.92 0.00	38.40 1.38 0.00	26.87 1.15 0.00	26.67 1.27 0.00	28.18 1.46 0.00	31.55 1.60 -0.21	39.17 1.88 -1.82	39.53 1.99 0.00	40.80 2.16 0.00	38.63 1.96 0.00	44.91 1.76 0.00	50.47 1.91 0.00	49.53 1.85 0.00	39.78 1.43 0.00	39.05 1.09 0.00	39.31 1.16 0.00	38.67 1.17 0.00	39.56 1.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.68 1.49 0.00	35.66 1.31 0.00	23.67 0.89 0.00	23.24 0.81 0.00	19.67 0.60 -0.07	23.75 0.77 0.00	34.31 1.25 0.00	38.80 1.78 0.00	27.18 1.47 0.00	27.02 1.62 0.00	28.58 1.86 0.00	32.01 2.07 -0.20	39.60 2.43 -1.69	40.09 2.56 0.00	41.40 2.76 0.00	39.17 2.50 0.00	45.48 2.34 0.00	51.06 2.50 0.00	50.09 2.41 0.00	40.23 1.88 0.00	39.47 1.50 0.00	39.76 1.61 0.00	39.11 1.61 0.00	39.98 1.52 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.68 1.49 0.00	35.66 1.31 0.00	23.67 0.89 0.00	23.24 0.81 0.00	19.67 0.60 -0.07	23.75 0.77 0.00	34.31 1.25 0.00	38.80 1.78 0.00	27.18 1.47 0.00	27.02 1.62 0.00	28.58 1.86 0.00	32.01 2.07 -0.20	39.60 2.43 -1.69	40.09 2.56 0.00	41.40 2.76 0.00	39.17 2.50 0.00	45.48 2.34 0.00	51.06 2.50 0.00	50.09 2.41 0.00	40.23 1.88 0.00	39.47 1.50 0.00	39.76 1.61 0.00	39.11 1.61 0.00	39.98 1.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.60 1.41 0.00	35.59 1.24 0.00	23.63 0.86 0.00	23.22 0.79 0.00	19.65 0.59 -0.06	23.72 0.75 0.00	34.28 1.22 0.00	38.67 1.65 0.00	27.04 1.33 0.00	26.81 1.41 0.00	28.32 1.60 0.00	31.68 1.74 -0.20	39.22 2.04 -1.70	39.24 2.21 0.51	41.06 2.42 0.00	38.92 2.25 0.00	45.31 2.17 0.00	50.96 2.40 0.00	50.03 2.35 0.00	40.18 1.83 0.00	39.43 1.46 0.00	39.67 1.52 0.00	38.99 1.48 0.00	39.85 1.38 0.00
POLETTI_____ 23519	23.78 1.42 13.83	23.78 1.22 11.79	22.93 0.89 0.73	23.25 0.82 0.00	19.68 0.61 -0.07	23.20 0.71 0.48	23.78 1.19 10.46	23.77 1.76 15.00	23.77 1.50 3.44	23.95 1.67 3.12	25.81 1.92 2.83	25.81 2.15 6.07	25.81 2.56 12.22	25.81 2.69 14.43	25.80 2.86 15.71	25.81 2.62 13.49	25.94 2.31 19.51	37.21 2.34 13.69	40.10 2.22 9.80	30.20 1.78 9.93	28.79 1.41 10.58	27.49 1.58 12.23	25.81 1.65 13.34	25.64 1.54 14.36
POMONA___ESR 323819	37.63 1.44 0.00	35.60 1.25 0.00	23.61 0.83 0.00	23.19 0.76 0.00	19.63 0.57 -0.06	23.71 0.73 0.00	34.28 1.22 0.00	38.77 1.75 0.00	27.13 1.42 0.00	26.96 1.56 0.00	28.54 1.82 0.00	31.96 2.03 -0.19	39.49 2.41 -1.61	40.05 2.52 0.00	41.40 2.76 0.00	39.16 2.49 0.00	45.47 2.33 0.00	51.13 2.57 0.00	50.17 2.49 0.00	40.25 1.90 0.00	39.46 1.49 0.00	39.77 1.62 0.00	39.10 1.60 0.00	39.98 1.52 0.00
PORT_JEFF_3 23555	37.35 1.16 0.00	35.35 1.00 0.00	23.54 0.76 0.00	23.03 0.60 0.00	19.45 0.39 -0.07	23.59 0.61 0.00	33.87 0.81 0.00	38.31 1.29 0.00	26.90 1.19 0.00	26.65 1.25 0.00	40.73 1.79 -12.21	43.17 1.89 -11.54	44.36 2.20 -6.68	47.84 2.21 -8.10	47.29 2.44 -6.20	44.65 2.27 -5.71	44.95 1.81 0.00	49.93 1.36 0.00	49.07 1.39 0.00	40.15 1.33 -0.47	38.96 1.00 0.00	40.03 1.07 -0.81	38.61 1.11 0.00	39.51 1.05 0.00
PORT_JEFF_4 23616	37.35 1.16 0.00	35.35 1.00 0.00	23.54 0.76 0.00	23.03 0.60 0.00	19.45 0.39 -0.07	23.59 0.61 0.00	33.87 0.81 0.00	38.31 1.29 0.00	26.90 1.19 0.00	26.65 1.25 0.00	40.73 1.79 -12.21	43.17 1.89 -11.54	44.36 2.20 -6.68	47.84 2.21 -8.10	47.29 2.44 -6.20	44.65 2.27 -5.71	44.95 1.81 0.00	49.93 1.36 0.00	49.07 1.39 0.00	40.15 1.33 -0.47	38.96 1.00 0.00	40.03 1.07 -0.81	38.61 1.11 0.00	39.51 1.05 0.00

PORT_JEFF_IC 23713	37.40 1.21 0.00	35.39 1.04 0.00	23.57 0.79 0.00	23.07 0.63 0.00	19.47 0.41 -0.07	23.63 0.65 0.00	33.92 0.86 0.00	38.37 1.35 0.00	26.94 1.23 0.00	26.68 1.28 0.00	40.83 1.84 -12.26	43.27 1.94 -11.59	44.44 2.26 -6.70	47.94 2.28 -8.13	47.39 2.52 -6.23	44.74 2.33 -5.74	45.01 1.87 0.00	49.82 1.25 0.00	48.96 1.28 0.00	40.07 1.25 -0.47	39.04 1.07 0.00	40.09 1.12 -0.82	38.67 1.16 0.00	39.56 1.09 0.00
PPL PILGRIM_ST_GT1 24216	37.99 1.80 0.00	35.93 1.58 0.00	23.86 1.09 0.00	23.36 0.93 0.00	19.76 0.69 -0.07	23.94 0.96 0.00	34.39 1.33 0.00	38.88 1.87 0.00	27.26 1.55 0.00	27.02 1.62 0.00	41.43 2.23 -12.47	43.95 2.43 -11.79	45.16 2.89 -6.79	48.64 2.83 -8.27	48.04 3.06 -6.33	45.32 2.82 -5.84	45.64 2.50 0.00	50.92 2.35 0.00	49.95 2.27 0.00	40.88 2.05 -0.48	39.54 1.58 0.00	40.68 1.70 -0.83	39.21 1.70 0.00	40.21 1.74 0.00
PPL PILGRIM_ST_GT2 24217	37.99 1.80 0.00	35.93 1.58 0.00	23.86 1.09 0.00	23.36 0.93 0.00	19.76 0.69 -0.07	23.94 0.96 0.00	34.39 1.33 0.00	38.88 1.87 0.00	27.26 1.55 0.00	27.02 1.62 0.00	41.43 2.23 -12.47	43.95 2.43 -11.79	45.16 2.89 -6.79	48.64 2.83 -8.27	48.04 3.06 -6.33	45.32 2.82 -5.84	45.64 2.50 0.00	50.92 2.35 0.00	49.95 2.27 0.00	40.88 2.05 -0.48	39.54 1.58 0.00	40.68 1.70 -0.83	39.21 1.70 0.00	40.21 1.74 0.00
PPL_SHRM_GT3 24213	36.88 0.70 0.00	34.87 0.52 0.00	23.27 0.49 0.00	22.76 0.32 0.00	19.20 0.14 -0.07	23.31 0.33 0.00	33.46 0.40 0.00	37.86 0.84 0.00	26.61 0.90 0.00	26.36 0.96 0.00	40.42 1.46 -12.24	42.81 1.51 -11.57	43.91 1.74 -6.69	47.39 1.73 -8.11	46.86 2.01 -6.21	44.30 1.90 -5.72	44.52 1.39 0.00	49.58 1.02 0.00	48.74 1.06 0.00	39.90 1.07 -0.47	38.62 0.65 0.00	39.65 0.69 -0.81	38.23 0.73 0.00	39.08 0.62 0.00
PPL_SHRM_GT4 24214	36.88 0.70 0.00	34.87 0.52 0.00	23.27 0.49 0.00	22.76 0.32 0.00	19.20 0.14 -0.07	23.31 0.33 0.00	33.46 0.40 0.00	37.86 0.84 0.00	26.61 0.90 0.00	26.36 0.96 0.00	40.42 1.46 -12.24	42.81 1.51 -11.57	43.91 1.74 -6.69	47.39 1.73 -8.11	46.86 2.01 -6.21	44.30 1.90 -5.72	44.52 1.39 0.00	49.58 1.02 0.00	48.74 1.06 0.00	39.90 1.07 -0.47	38.62 0.65 0.00	39.65 0.69 -0.81	38.23 0.73 0.00	39.08 0.62 0.00
PROJECT___ORANGE 1 24174	37.13 -0.32 -1.26	35.03 -0.32 -1.00	22.58 -0.19 0.00	22.29 -0.15 0.00	18.85 -0.15 0.00	22.83 -0.15 -0.01	33.78 -0.23 -0.95	38.36 -0.16 -1.50	25.92 -0.12 -0.32	25.20 -0.21 0.00	26.76 -0.17 -0.21	30.34 -0.13 -0.73	36.81 -0.11 -1.44	39.15 -0.08 -1.69	40.66 0.07 -1.95	38.42 0.08 -1.67	46.56 0.16 -3.25	53.65 0.30 -4.79	52.10 0.31 -4.11	41.34 0.18 -2.81	40.78 0.05 -2.77	40.77 -0.02 -2.63	39.56 -0.08 -2.14	40.23 -0.17 -1.94
PROJECT___ORANGE 2 24166	37.13 -0.32 -1.26	35.03 -0.32 -1.00	22.58 -0.19 0.00	22.29 -0.15 0.00	18.85 -0.15 0.00	22.83 -0.15 -0.01	33.78 -0.23 -0.95	38.36 -0.16 -1.50	25.92 -0.12 -0.32	25.20 -0.21 0.00	26.76 -0.17 -0.21	30.34 -0.13 -0.73	36.81 -0.11 -1.44	39.15 -0.08 -1.69	40.66 0.07 -1.95	38.42 0.08 -1.67	46.56 0.16 -3.25	53.65 0.30 -4.79	52.10 0.31 -4.11	41.34 0.18 -2.81	40.78 0.05 -2.77	40.77 -0.02 -2.63	39.56 -0.08 -2.14	40.23 -0.17 -1.94
PUCKETT___SOLAR 323809	37.61 0.53 -0.89	35.52 0.46 -0.71	23.06 0.28 0.00	22.79 0.35 0.00	19.26 0.27 0.00	23.33 0.35 -0.01	34.25 0.53 -0.66	38.83 0.78 -1.03	26.51 0.57 -0.22	25.84 0.44 0.00	27.38 0.51 -0.14	30.81 0.53 -0.54	37.50 0.69 -1.33	39.39 0.66 -1.20	41.07 1.02 -1.40	38.79 0.93 -1.20	46.73 1.26 -2.34	53.62 1.62 -3.44	52.29 1.65 -2.95	41.57 1.20 -2.02	41.04 1.08 -1.99	41.07 1.03 -1.89	40.01 0.97 -1.54	40.72 0.86 -1.39
PYRITES___HYD 24023	38.02 1.56 -0.28	36.00 1.43 -0.22	23.50 0.72 0.00	23.11 0.68 0.00	19.73 0.73 0.00	23.95 0.97 0.00	34.78 1.52 -0.21	38.74 1.40 -0.33	26.53 0.74 -0.07	25.82 0.41 0.00	27.07 0.30 -0.05	30.25 0.35 -0.16	36.12 0.33 -0.31	38.14 0.23 -0.37	39.06 -0.01 -0.42	37.02 -0.01 -0.36	43.91 0.07 -0.71	49.61 0.01 -1.04	49.15 0.58 -0.90	39.78 0.81 -0.61	40.29 1.12 -1.21	45.77 1.28 -6.34	41.27 1.39 -2.38	40.40 1.52 -0.42
QUAKERRD_115KV_BK1 80622	36.19 -0.76 -0.77	34.26 -0.70 -0.61	22.29 -0.49 0.00	22.03 -0.40 0.00	18.66 -0.34 0.00	22.62 -0.36 -0.01	32.94 -0.70 -0.59	37.48 -0.57 -1.03	25.61 -0.32 -0.22	25.03 -0.37 0.00	26.72 -0.14 -0.14	30.18 -0.06 -0.50	36.50 0.03 -0.99	38.79 0.08 -1.17	40.22 0.23 -1.35	38.10 0.28 -1.15	45.92 0.54 -2.24	52.51 0.65 -3.30	51.16 0.65 -2.84	40.65 0.36 -1.94	40.09 0.21 -1.91	40.08 0.11 -1.81	39.24 0.27 -1.48	40.04 0.24 -1.34
QUENSBRY_115KV_TB8 356137	37.59 1.40 0.00	35.52 1.17 0.00	23.55 0.77 0.00	23.22 0.79 0.00	19.58 0.65 0.06	23.83 0.86 0.00	34.50 1.44 0.00	38.84 1.82 0.00	26.68 0.96 0.00	26.35 0.95 0.00	27.53 0.80 0.00	30.42 0.83 0.15	35.22 0.99 1.24	38.76 1.23 0.00	39.90 1.26 0.00	37.90 1.23 0.00	44.69 1.55 0.00	50.68 2.12 0.00	50.21 2.53 0.00	40.27 1.92 0.00	39.69 1.72 0.00	39.59 1.44 0.00	38.67 1.17 0.00	39.70 1.24 0.00
RAMAPO___LBMP 323565	37.46 1.27 0.00	35.45 1.09 0.00	23.51 0.74 0.00	23.10 0.66 0.00	19.55 0.49 -0.06	23.61 0.64 0.00	34.12 1.06 0.00	38.59 1.57 0.00	27.01 1.30 0.00	26.84 1.44 0.00	28.40 1.68 0.00	31.80 1.87 -0.19	39.28 2.22 -1.59	39.85 2.31 0.00	41.17 2.52 0.00	38.93 2.26 0.00	45.21 2.06 0.00	50.86 2.30 0.00	49.92 2.24 0.00	40.05 1.70 0.00	39.27 1.30 0.00	39.58 1.42 0.00	38.93 1.43 0.00	39.81 1.35 0.00
RANKINE____ 23646	37.00 0.05 -0.76	35.09 0.14 -0.60	22.81 0.03 0.00	22.64 0.21 0.00	19.19 0.19 0.00	23.19 0.21 -0.01	33.23 -0.41 -0.58	37.75 -0.27 -1.00	26.00 0.07 -0.22	25.52 0.12 0.00	27.41 0.55 -0.14	30.95 0.72 -0.48	37.40 0.96 -0.96	39.68 1.01 -1.13	41.17 1.22 -1.31	38.93 1.14 -1.12	46.84 1.52 -2.18	53.20 1.43 -3.21	51.78 1.35 -2.75	41.10 0.86 -1.88	40.65 0.83 -1.86	40.79 0.88 -1.76	40.27 1.34 -1.43	41.24 1.48 -1.30
RAVENSWOOD_GT2_1 24244	37.95 1.76 0.00	35.89 1.54 0.00	23.81 1.04 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.52 2.85 0.00	45.78 2.64 0.00	51.32 2.76 0.00	50.34 2.66 0.00	40.43 2.07 0.00	39.67 1.70 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00
RAVENSWOOD_GT2_2 24245	37.95 1.76 0.00	35.89 1.54 0.00	23.81 1.04 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.52 2.85 0.00	45.78 2.64 0.00	51.32 2.76 0.00	50.34 2.66 0.00	40.43 2.07 0.00	39.67 1.70 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00



RAVENSWOOD_GT2_3 24246	37.97 1.78 0.00	35.91 1.56 0.00	23.82 1.05 0.00	23.39 0.96 0.00	19.79 0.73 -0.07	23.89 0.91 0.00	34.53 1.47 0.00	39.08 2.06 0.00	27.42 1.71 0.00	27.28 1.89 0.00	28.88 2.16 0.00	32.35 2.41 -0.20	39.97 2.81 -1.68	40.47 2.94 0.00	41.80 3.15 0.00	39.53 2.87 0.00	45.81 2.67 0.00	51.35 2.79 0.00	50.37 2.69 0.00	40.45 2.10 0.00	39.69 1.72 0.00	40.03 1.88 0.00	39.41 1.91 0.00	40.27 1.81 0.00
RAVENSWOOD_GT2_4 24247	37.97 1.78 0.00	35.91 1.56 0.00	23.82 1.05 0.00	23.39 0.96 0.00	19.79 0.73 -0.07	23.89 0.91 0.00	34.53 1.47 0.00	39.08 2.06 0.00	27.42 1.71 0.00	27.28 1.89 0.00	28.88 2.16 0.00	32.35 2.41 -0.20	39.97 2.81 -1.68	40.47 2.94 0.00	41.80 3.15 0.00	39.53 2.87 0.00	45.81 2.67 0.00	51.35 2.79 0.00	50.37 2.69 0.00	40.45 2.10 0.00	39.69 1.72 0.00	40.03 1.88 0.00	39.41 1.91 0.00	40.27 1.81 0.00
RAVENSWOOD_GT3_1 24248	37.95 1.76 0.00	35.89 1.54 0.00	23.82 1.04 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.52 2.85 0.00	45.78 2.64 0.00	51.32 2.76 0.00	50.34 2.66 0.00	40.43 2.07 0.00	39.67 1.70 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00
RAVENSWOOD_GT3_2 24249	37.95 1.76 0.00	35.89 1.54 0.00	23.82 1.04 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.52 2.85 0.00	45.78 2.64 0.00	51.32 2.76 0.00	50.34 2.66 0.00	40.43 2.07 0.00	39.67 1.70 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00
RAVENSWOOD_GT3_3 24250	38.01 1.82 0.00	35.95 1.60 0.00	23.85 1.07 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.91 0.94 0.00	34.57 1.51 0.00	39.13 2.11 0.00	27.45 1.74 0.00	27.32 1.92 0.00	28.92 2.20 0.00	32.39 2.45 -0.20	40.02 2.86 -1.68	40.54 3.00 0.00	41.84 3.19 0.00	39.60 2.93 0.00	45.87 2.73 0.00	51.42 2.86 0.00	50.44 2.76 0.00	40.51 2.16 0.00	39.74 1.78 0.00	40.08 1.93 0.00	39.45 1.95 0.00	40.32 1.86 0.00
RAVENSWOOD_GT3_4 24251	38.01 1.82 0.00	35.95 1.60 0.00	23.85 1.07 0.00	23.41 0.98 0.00	19.81 0.75 -0.07	23.91 0.94 0.00	34.57 1.51 0.00	39.13 2.11 0.00	27.45 1.74 0.00	27.32 1.92 0.00	28.92 2.20 0.00	32.39 2.45 -0.20	40.02 2.86 -1.68	40.54 3.00 0.00	41.84 3.19 0.00	39.60 2.93 0.00	45.87 2.73 0.00	51.42 2.86 0.00	50.44 2.76 0.00	40.51 2.16 0.00	39.74 1.78 0.00	40.08 1.93 0.00	39.45 1.95 0.00	40.32 1.86 0.00
RAVENSWOOD_GT_1 23729	37.99 1.81 0.00	35.94 1.59 0.00	23.87 1.09 0.00	23.42 0.98 0.00	19.81 0.75 -0.07	23.91 0.93 0.00	34.56 1.50 0.00	39.11 2.09 0.00	27.47 1.76 0.00	27.34 1.94 0.00	28.94 2.22 0.00	32.41 2.47 -0.20	40.09 2.93 -1.68	40.58 3.04 0.00	41.85 3.20 0.00	39.62 2.95 0.00	45.81 2.67 0.00	51.32 2.76 0.00	50.34 2.66 0.00	40.42 2.08 0.01	39.66 1.72 0.03	40.03 1.89 0.00	39.45 1.95 0.00	40.32 1.86 0.00
RAVENSWOOD_GT_10 24258	37.95 1.76 0.00	35.89 1.54 0.00	23.81 1.03 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.51 2.84 0.00	45.78 2.64 0.00	51.33 2.77 0.00	50.35 2.67 0.00	40.44 2.08 0.00	39.67 1.71 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00
RAVENSWOOD_GT_11 24259	37.95 1.76 0.00	35.89 1.54 0.00	23.81 1.03 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.51 2.84 0.00	45.78 2.64 0.00	51.33 2.77 0.00	50.35 2.67 0.00	40.44 2.08 0.00	39.67 1.71 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00
RAVENSWOOD_GT_4 24252	37.95 1.76 0.00	35.89 1.54 0.00	23.80 1.03 0.00	23.37 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.05 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.86 2.14 0.00	32.32 2.38 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.76 3.11 0.00	39.50 2.83 0.00	45.79 2.65 0.00	51.34 2.78 0.00	50.35 2.67 0.00	40.43 2.09 0.01	39.65 1.71 0.02	40.01 1.86 0.00	39.38 1.88 0.00	40.24 1.78 0.00
RAVENSWOOD_GT_5 24254	37.95 1.76 0.00	35.89 1.54 0.00	23.80 1.03 0.00	23.37 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.05 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.86 2.14 0.00	32.32 2.38 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.76 3.11 0.00	39.50 2.83 0.00	45.79 2.65 0.00	51.34 2.78 0.00	50.35 2.67 0.00	40.43 2.09 0.01	39.65 1.71 0.02	40.01 1.86 0.00	39.38 1.88 0.00	40.24 1.78 0.00
RAVENSWOOD_GT_6 24253	37.95 1.76 0.00	35.89 1.54 0.00	23.80 1.03 0.00	23.37 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.05 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.86 2.14 0.00	32.32 2.38 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.76 3.11 0.00	39.50 2.83 0.00	45.79 2.65 0.00	51.34 2.78 0.00	50.35 2.67 0.00	40.43 2.09 0.01	39.65 1.71 0.02	40.01 1.86 0.00	39.38 1.88 0.00	40.24 1.78 0.00
RAVENSWOOD_GT_7 24255	37.95 1.76 0.00	35.89 1.54 0.00	23.80 1.03 0.00	23.37 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.05 0.00	27.40 1.69 0.00	27.27 1.87 0.00	28.86 2.14 0.00	32.32 2.38 -0.20	39.92 2.76 -1.68	40.43 2.89 0.00	41.76 3.11 0.00	39.50 2.83 0.00	45.79 2.65 0.00	51.34 2.78 0.00	50.35 2.67 0.00	40.43 2.09 0.01	39.65 1.71 0.02	40.01 1.86 0.00	39.38 1.88 0.00	40.24 1.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.95 1.76 0.00	35.89 1.54 0.00	23.81 1.03 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.51 2.84 0.00	45.78 2.64 0.00	51.33 2.77 0.00	50.35 2.67 0.00	40.44 2.08 0.00	39.67 1.71 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00
RAVENSWOOD_GT_9 24257	37.95 1.76 0.00	35.89 1.54 0.00	23.81 1.03 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.06 2.04 0.00	27.41 1.69 0.00	27.27 1.87 0.00	28.87 2.15 0.00	32.33 2.39 -0.20	39.94 2.79 -1.68	40.46 2.92 0.00	41.76 3.12 0.00	39.51 2.84 0.00	45.78 2.64 0.00	51.33 2.77 0.00	50.35 2.67 0.00	40.44 2.08 0.00	39.67 1.71 0.00	40.01 1.86 0.00	39.38 1.88 0.00	40.25 1.78 0.00

RAVENSWOOD___1 23533	37.97 1.78 0.00	35.91 1.56 0.00	23.85 1.08 0.00	23.40 0.96 0.00	19.79 0.73 -0.07	23.89 0.92 0.00	34.54 1.48 0.00	39.09 2.07 0.00	27.45 1.74 0.00	27.32 1.93 0.00	28.93 2.21 0.00	32.40 2.46 -0.20	40.07 2.91 -1.68	40.56 3.02 0.00	41.85 3.20 0.00	39.61 2.94 0.00	45.81 2.67 0.00	51.31 2.75 0.00	50.32 2.65 0.00	40.43 2.08 0.00	39.68 1.72 0.00	40.05 1.90 0.00	39.44 1.93 0.00	40.31 1.84 0.00
RAVENSWOOD___2 23534	37.90 1.71 0.00	35.86 1.51 0.00	23.81 1.04 0.00	23.36 0.93 0.00	19.76 0.70 -0.07	23.85 0.88 0.00	34.48 1.42 0.00	39.00 1.98 0.00	27.40 1.69 0.00	27.28 1.88 0.00	28.88 2.16 0.00	32.34 2.40 -0.20	39.99 2.83 -1.68	40.47 2.93 0.00	41.70 3.05 0.00	39.50 2.83 0.00	45.57 2.43 0.00	50.96 2.40 0.00	49.99 2.31 0.00	40.17 1.82 0.00	39.53 1.56 0.00	39.96 1.81 0.00	39.34 1.84 0.00	40.20 1.73 0.00
RAVENSWOOD___3 23535	37.95 1.77 0.00	35.89 1.54 0.00	23.82 1.04 0.00	23.38 0.94 0.00	19.78 0.72 -0.07	23.88 0.90 0.00	34.52 1.46 0.00	39.07 2.05 0.00	27.41 1.70 0.00	27.27 1.87 0.00	28.87 2.14 0.00	32.33 2.39 -0.20	39.95 2.79 -1.68	40.46 2.92 0.00	41.78 3.13 0.00	39.52 2.85 0.00	45.79 2.65 0.00	51.33 2.76 0.00	50.34 2.67 0.00	40.43 2.08 0.00	39.67 1.70 0.00	40.02 1.87 0.00	39.38 1.87 0.00	40.25 1.78 0.00
RAVENSWOOD___4 23820	37.97 1.78 0.00	35.91 1.56 0.00	23.85 1.08 0.00	23.40 0.96 0.00	19.79 0.73 -0.07	23.89 0.92 0.00	34.54 1.48 0.00	39.09 2.07 0.00	27.45 1.74 0.00	27.32 1.92 0.00	28.92 2.20 0.00	32.39 2.45 -0.20	40.07 2.91 -1.68	40.55 3.01 0.00	41.83 3.19 0.00	39.59 2.92 0.00	45.79 2.65 0.00	51.29 2.73 0.00	50.31 2.64 0.00	40.43 2.07 -0.01	39.71 1.71 -0.03	40.05 1.90 0.00	39.42 1.92 0.00	40.30 1.83 0.00
RCPL_TRUST___DRP 24196	37.97 1.78 0.00	35.91 1.56 0.00	23.82 1.04 0.00	23.39 0.95 0.00	19.79 0.73 -0.07	23.89 0.91 0.00	34.55 1.49 0.00	39.12 2.10 0.00	27.45 1.74 0.00	27.32 1.92 0.00	28.93 2.21 0.00	32.40 2.46 -0.20	40.00 2.84 -1.68	40.52 2.98 0.00	41.84 3.19 0.00	39.58 2.91 0.00	45.87 2.73 0.00	51.42 2.85 0.00	50.42 2.74 0.00	40.48 2.12 0.00	39.71 1.74 0.00	40.06 1.91 0.00	39.42 1.91 0.00	40.28 1.82 0.00
RED___ROCHESTER 323720	37.17 0.26 -0.72	35.20 0.27 -0.58	22.92 0.14 0.00	22.65 0.22 0.00	19.19 0.20 0.00	23.27 0.28 -0.01	33.79 0.18 -0.55	38.40 0.42 -0.96	26.31 0.39 -0.21	25.74 0.34 0.00	27.50 0.65 -0.13	31.06 0.85 -0.47	37.56 1.16 -0.93	39.92 1.29 -1.10	41.36 1.45 -1.27	39.22 1.47 -1.08	47.20 1.95 -2.11	53.90 2.23 -3.10	52.55 2.21 -2.66	41.78 1.60 -1.82	41.20 1.44 -1.80	41.17 1.32 -1.70	40.37 1.48 -1.39	41.20 1.48 -1.26
REGAN___SOLAR 323812	37.88 1.69 0.00	35.94 1.59 0.00	23.83 1.05 0.00	23.46 1.03 0.00	19.84 0.88 0.04	24.09 1.11 0.00	34.84 1.78 0.00	39.13 2.11 0.00	26.74 1.03 0.00	25.64 0.24 0.00	26.60 -0.13 0.00	29.45 -0.20 0.09	34.72 0.04 0.79	37.74 0.20 0.00	38.77 0.13 0.00	37.01 0.33 0.00	44.37 1.23 0.00	50.93 2.37 0.00	50.65 2.98 0.00	40.80 2.45 0.00	40.22 2.26 0.00	40.28 2.13 0.00	39.48 1.98 0.00	40.38 1.92 0.00
RENSSELAER___COGEN 23796	35.96 -0.23 0.00	34.17 -0.19 0.00	22.80 0.03 0.00	22.48 0.05 0.00	18.92 -0.03 0.05	22.90 -0.07 0.00	32.95 -0.11 0.00	37.14 0.12 0.00	25.76 0.05 0.00	25.48 0.09 0.00	26.80 0.08 0.00	29.71 0.09 0.12	34.48 0.04 1.04	37.60 0.06 0.00	38.71 0.06 0.00	36.73 0.06 0.00	42.99 -0.15 0.00	48.44 -0.13 0.00	47.59 -0.08 0.00	38.20 -0.16 0.00	37.66 -0.30 0.00	37.83 -0.33 0.00	37.15 -0.36 0.00	38.06 -0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.74 3.55 0.00	37.17 2.82 0.00	24.52 1.74 0.00	24.13 1.70 0.00	20.42 1.48 0.06	24.94 1.96 0.00	36.50 3.44 0.00	41.14 4.12 0.00	27.89 2.18 0.00	27.66 2.26 0.00	28.74 2.02 0.00	31.78 2.18 0.15	36.74 2.51 1.26	40.39 2.86 0.00	41.62 2.98 0.00	39.47 2.80 0.00	46.59 3.45 0.00	53.17 4.61 0.00	53.28 5.60 0.00	42.72 4.36 0.00	42.14 4.17 0.00	41.64 3.49 0.00	40.45 2.95 0.00	41.66 3.19 0.00
REVERE_CPPR_DRP 24186	37.99 1.19 -0.61	35.93 1.10 -0.48	23.49 0.72 0.00	23.19 0.75 0.00	19.63 0.64 0.00	23.84 0.86 0.00	34.88 1.37 -0.46	39.32 1.57 -0.72	26.80 0.93 -0.16	26.02 0.62 0.00	27.41 0.58 -0.10	30.76 0.66 -0.35	36.96 0.79 -0.69	39.29 0.94 -0.82	40.62 1.03 -0.94	38.53 1.06 -0.81	46.13 1.42 -1.57	53.02 2.15 -2.31	52.06 2.40 -1.99	41.59 1.88 -1.36	40.98 1.68 -1.34	41.00 1.58 -1.27	39.87 1.34 -1.03	40.65 1.25 -0.94
REYNLDPA_13_KV_LD 356490	36.87 0.68 0.00	34.97 0.63 0.00	23.04 0.27 0.00	22.65 0.22 0.00	19.29 0.30 0.00	23.37 0.40 0.00	33.63 0.58 0.00	37.42 0.40 0.00	25.99 0.28 0.00	25.71 0.32 0.00	27.00 0.28 0.00	30.02 0.28 0.00	35.76 0.28 0.00	37.78 0.24 0.00	38.71 0.06 0.00	36.76 0.09 0.00	43.39 0.25 0.00	48.69 0.13 0.00	47.72 0.04 0.00	38.45 0.10 0.00	38.26 0.29 0.00	38.51 0.36 0.00	37.99 0.49 0.00	39.07 0.61 0.00
REYNOLDS_115KV_TB3 80639	36.30 0.11 0.00	34.51 0.16 0.00	23.01 0.23 0.00	22.68 0.25 0.00	19.07 0.13 0.06	23.11 0.13 0.00	33.25 0.19 0.00	37.49 0.47 0.00	25.99 0.27 0.00	25.73 0.33 0.00	27.04 0.32 0.00	29.95 0.36 0.15	34.62 0.39 1.25	37.98 0.44 0.00	39.10 0.45 0.00	37.09 0.42 0.00	43.37 0.23 0.00	48.87 0.31 0.00	48.05 0.37 0.00	38.56 0.21 0.00	38.02 0.05 0.00	38.17 0.02 0.00	37.48 -0.03 0.00	38.43 -0.03 0.00
RIVERBAY____ 323610	38.97 2.78 0.00	36.88 2.53 0.00	24.46 1.69 0.00	23.98 1.55 0.00	20.29 1.23 -0.07	24.53 1.56 0.00	35.51 2.45 0.00	40.10 3.08 0.00	28.11 2.40 0.00	27.92 2.52 0.00	29.53 2.81 0.00	33.07 3.13 -0.20	40.95 3.79 -1.68	41.50 3.96 0.00	42.80 4.16 0.00	40.52 3.85 0.00	46.88 3.74 0.00	52.49 3.93 0.00	51.46 3.79 0.00	41.39 3.03 0.00	40.61 2.65 0.00	40.96 2.81 0.00	40.35 2.85 0.00	41.25 2.78 0.00
RIVERSDE_115KV_TB3 55908	36.18 -0.01 0.00	34.38 0.03 0.00	22.94 0.17 0.00	22.61 0.18 0.00	19.02 0.07 0.05	23.04 0.06 0.00	33.15 0.09 0.00	37.39 0.37 0.00	25.93 0.22 0.00	25.66 0.26 0.00	26.97 0.25 0.00	29.89 0.29 0.14	34.63 0.30 1.15	37.87 0.33 0.00	38.99 0.34 0.00	37.01 0.34 0.00	43.29 0.15 0.00	48.79 0.23 0.00	47.96 0.28 0.00	38.49 0.13 0.00	37.94 -0.03 0.00	38.09 -0.06 0.00	37.39 -0.11 0.00	38.33 -0.14 0.00
ROARING___BROOK_WT_PWR 323790	36.30 0.11 0.00	34.43 0.08 0.00	22.79 0.01 0.00	22.41 -0.03 0.00	19.02 0.03 0.00	23.00 0.02 0.00	33.13 0.07 0.00	37.07 0.05 0.00	25.74 0.03 0.00	25.44 0.05 0.00	26.75 0.03 0.00	29.77 0.03 0.00	35.49 0.01 0.00	37.53 -0.01 0.00	38.58 -0.06 0.00	36.58 -0.09 0.00	43.04 -0.10 0.00	48.41 -0.15 0.00	47.40 -0.28 0.00	37.99 -0.36 0.00	37.56 -0.41 0.00	37.61 -0.54 0.00	36.99 -0.51 0.00	38.07 -0.40 0.00

ROCHESRG_115KV_T4 355643	36.83 -0.07 -0.71	34.89 -0.03 -0.56	22.73 -0.05 0.00	22.47 0.04 0.00	19.04 0.04 0.00	23.07 0.09 0.00	33.46 -0.14 -0.54	38.04 0.07 -0.95	26.06 0.14 -0.20	25.50 0.10 0.00	27.23 0.38 -0.13	30.74 0.54 -0.46	37.15 0.76 -0.92	39.47 0.85 -1.08	40.90 1.01 -1.25	38.75 1.01 -1.07	46.61 1.39 -2.08	53.18 1.56 -3.06	51.85 1.54 -2.63	41.21 1.06 -1.79	40.65 0.92 -1.77	40.69 0.85 -1.68	39.92 1.04 -1.37	40.77 1.07 -1.24
ROCHESTER_9_IC 23652	37.03 0.11 -0.72	35.07 0.14 -0.58	22.83 0.05 0.00	22.58 0.14 0.00	19.13 0.13 0.00	23.18 0.20 -0.01	33.65 0.04 -0.55	38.26 0.28 -0.96	26.21 0.29 -0.21	25.64 0.23 0.00	27.39 0.54 -0.13	30.93 0.72 -0.47	37.39 0.98 -0.93	39.73 1.10 -1.10	41.19 1.28 -1.27	39.03 1.27 -1.08	46.96 1.71 -2.11	53.60 1.94 -3.10	52.26 1.92 -2.66	41.54 1.37 -1.82	40.97 1.21 -1.80	40.98 1.12 -1.70	40.18 1.29 -1.39	41.03 1.31 -1.26
ROCKVIEW_13_KV_LD 356306	37.93 1.74 0.00	35.88 1.54 0.00	23.80 1.02 0.00	23.37 0.94 0.00	19.77 0.71 -0.07	23.88 0.91 0.00	34.51 1.45 0.00	39.03 2.01 0.00	27.35 1.64 0.00	27.22 1.82 0.00	28.80 2.08 0.00	32.25 2.31 -0.20	39.88 2.73 -1.68	40.38 2.84 0.00	41.71 3.07 0.00	39.46 2.79 0.00	45.78 2.64 0.00	51.38 2.82 0.00	50.41 2.73 0.00	40.48 2.12 0.00	39.71 1.75 0.00	40.02 1.87 0.00	39.36 1.86 0.00	40.23 1.77 0.00
ROME____115KV_TB2 80656	37.99 1.19 -0.61	35.93 1.10 -0.48	23.49 0.72 0.00	23.19 0.75 0.00	19.63 0.64 0.00	23.84 0.86 0.00	34.88 1.37 -0.46	39.32 1.57 -0.72	26.80 0.93 -0.16	26.02 0.62 0.00	27.41 0.58 -0.10	30.76 0.66 -0.35	36.96 0.79 -0.69	39.29 0.94 -0.82	40.62 1.03 -0.94	38.53 1.06 -0.81	46.13 1.42 -1.57	53.02 2.15 -2.31	52.06 2.40 -1.99	41.59 1.88 -1.36	40.98 1.68 -1.34	41.00 1.58 -1.27	39.87 1.34 -1.03	40.65 1.25 -0.94
ROSETON___1 23587	37.25 1.06 0.00	35.29 0.94 0.00	23.44 0.66 0.00	23.02 0.59 0.00	19.48 0.43 -0.06	23.52 0.54 0.00	33.96 0.90 0.00	38.38 1.36 0.00	26.86 1.15 0.00	26.66 1.26 0.00	28.18 1.46 0.00	31.53 1.61 -0.19	38.95 1.88 -1.59	39.53 1.99 0.00	40.81 2.17 0.00	38.60 1.94 0.00	44.86 1.72 0.00	50.41 1.85 0.00	49.46 1.79 0.00	39.72 1.36 0.00	38.99 1.03 0.00	39.29 1.14 0.00	38.68 1.18 0.00	39.58 1.11 0.00
ROSETON___2 23588	37.25 1.06 0.00	35.29 0.94 0.00	23.44 0.66 0.00	23.02 0.59 0.00	19.48 0.43 -0.06	23.52 0.54 0.00	33.96 0.90 0.00	38.38 1.36 0.00	26.86 1.15 0.00	26.66 1.26 0.00	28.18 1.46 0.00	31.53 1.61 -0.19	38.95 1.88 -1.59	39.53 1.99 0.00	40.81 2.17 0.00	38.60 1.94 0.00	44.86 1.72 0.00	50.41 1.85 0.00	49.46 1.79 0.00	39.72 1.36 0.00	38.99 1.03 0.00	39.29 1.14 0.00	38.68 1.18 0.00	39.58 1.11 0.00
ROTRRDAM_115KV_TB3 80664	36.83 0.64 0.00	34.98 0.63 0.00	23.24 0.46 0.00	22.89 0.45 0.00	19.30 0.35 0.04	23.38 0.41 0.00	33.70 0.64 0.00	37.83 0.81 0.00	26.21 0.50 0.00	25.87 0.47 0.00	27.19 0.47 0.00	30.14 0.51 0.11	35.17 0.64 0.94	38.26 0.72 0.00	39.41 0.77 0.00	37.41 0.73 0.00	43.99 0.85 0.00	49.60 1.03 0.00	48.78 1.10 0.00	39.20 0.84 0.00	38.68 0.71 0.00	38.83 0.68 0.00	38.12 0.62 0.00	39.07 0.60 0.00
RUSSELL___1 23602	37.18 0.27 -0.72	35.20 0.27 -0.58	22.92 0.14 0.00	22.65 0.22 0.00	19.19 0.20 0.00	23.26 0.28 -0.01	33.79 0.18 -0.55	38.42 0.44 -0.96	26.32 0.40 -0.21	25.74 0.34 0.00	27.51 0.65 -0.13	31.06 0.85 -0.47	37.55 1.15 -0.93	39.92 1.29 -1.10	41.39 1.48 -1.27	39.23 1.48 -1.08	47.22 1.97 -2.11	53.90 2.23 -3.10	52.55 2.21 -2.66	41.78 1.60 -1.82	41.20 1.44 -1.80	41.20 1.34 -1.70	40.37 1.48 -1.39	41.20 1.48 -1.26
RUSSELL___2 23532	37.18 0.27 -0.72	35.20 0.27 -0.58	22.92 0.14 0.00	22.65 0.22 0.00	19.19 0.20 0.00	23.26 0.28 -0.01	33.79 0.18 -0.55	38.42 0.44 -0.96	26.32 0.40 -0.21	25.74 0.34 0.00	27.51 0.65 -0.13	31.06 0.85 -0.47	37.55 1.15 -0.93	39.92 1.29 -1.10	41.39 1.48 -1.27	39.23 1.48 -1.08	47.22 1.97 -2.11	53.90 2.23 -3.10	52.55 2.21 -2.66	41.78 1.60 -1.82	41.20 1.44 -1.80	41.20 1.34 -1.70	40.37 1.48 -1.39	41.20 1.48 -1.26
RUSSELL___3 23549	37.18 0.27 -0.72	35.20 0.27 -0.58	22.92 0.14 0.00	22.65 0.22 0.00	19.19 0.20 0.00	23.26 0.28 -0.01	33.79 0.18 -0.55	38.42 0.44 -0.96	26.32 0.40 -0.21	25.74 0.34 0.00	27.51 0.65 -0.13	31.06 0.85 -0.47	37.55 1.15 -0.93	39.92 1.29 -1.10	41.39 1.48 -1.27	39.23 1.48 -1.08	47.22 1.97 -2.11	53.90 2.23 -3.10	52.55 2.21 -2.66	41.78 1.60 -1.82	41.20 1.44 -1.80	41.20 1.34 -1.70	40.37 1.48 -1.39	41.20 1.48 -1.26
RUSSELL___4 23556	37.18 0.27 -0.72	35.20 0.27 -0.58	22.92 0.14 0.00	22.65 0.22 0.00	19.19 0.20 0.00	23.26 0.28 -0.01	33.79 0.18 -0.55	38.42 0.44 -0.96	26.32 0.40 -0.21	25.74 0.34 0.00	27.51 0.65 -0.13	31.06 0.85 -0.47	37.55 1.15 -0.93	39.92 1.29 -1.10	41.39 1.48 -1.27	39.23 1.48 -1.08	47.22 1.97 -2.11	53.90 2.23 -3.10	52.55 2.21 -2.66	41.78 1.60 -1.82	41.20 1.44 -1.80	41.20 1.34 -1.70	40.37 1.48 -1.39	41.20 1.48 -1.26
RUSSELL___STATION 23914	37.18 0.27 -0.72	35.20 0.27 -0.58	22.92 0.14 0.00	22.65 0.22 0.00	19.19 0.20 0.00	23.26 0.28 -0.01	33.79 0.18 -0.55	38.42 0.44 -0.96	26.32 0.40 -0.21	25.74 0.34 0.00	27.51 0.65 -0.13	31.06 0.85 -0.47	37.55 1.15 -0.93	39.92 1.29 -1.10	41.39 1.48 -1.27	39.23 1.48 -1.08	47.22 1.97 -2.11	53.90 2.23 -3.10	52.55 2.21 -2.66	41.78 1.60 -1.82	41.20 1.44 -1.80	41.20 1.34 -1.70	40.37 1.48 -1.39	41.20 1.48 -1.26
S SALMON___HYD 24043	38.34 0.14 -2.01	36.00 0.05 -1.60	22.77 0.00 0.00	22.49 0.06 0.00	19.05 0.06 0.00	23.12 0.12 -0.02	34.82 0.25 -1.51	39.75 0.35 -2.38	26.34 0.11 -0.52	25.23 -0.18 -0.01	26.79 -0.27 -0.33	30.60 -0.30 -1.16	37.43 -0.33 -2.28	39.84 -0.39 -2.68	41.36 -0.38 -3.10	38.85 -0.47 -2.64	47.92 -0.38 -5.16	56.21 0.06 -7.59	54.56 0.37 -6.52	43.09 0.29 -4.45	42.50 0.14 -4.39	42.48 0.16 -4.17	40.85 -0.05 -3.40	41.45 -0.09 -3.07
S.PERRY__115KV_TB1 80734	38.14 1.12 -0.83	36.11 1.10 -0.66	23.43 0.66 0.00	23.21 0.77 0.00	19.65 0.66 0.00	23.83 0.85 -0.01	34.66 0.97 -0.63	39.42 1.34 -1.06	26.83 0.89 -0.23	25.90 0.49 0.00	27.65 0.78 -0.15	31.25 1.00 -0.52	37.97 1.47 -1.02	40.32 1.57 -1.21	41.94 1.89 -1.40	39.71 1.85 -1.19	47.99 2.52 -2.33	55.16 3.17 -3.43	54.14 3.52 -2.94	43.20 2.84 -2.01	42.58 2.63 -1.98	42.51 2.48 -1.88	41.58 2.55 -1.53	42.34 2.49 -1.39
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.77 -0.17 -0.75	34.90 -0.05 -0.59	22.69 -0.09 0.00	22.52 0.09 0.00	19.08 0.09 0.00	23.07 0.09 -0.01	33.00 -0.63 -0.57	37.45 -0.56 -0.98	25.79 -0.13 -0.21	25.35 -0.06 0.00	27.24 0.39 -0.14	30.75 0.53 -0.48	37.14 0.72 -0.95	39.40 0.74 -1.12	40.81 0.88 -1.29	38.61 0.84 -1.10	46.44 1.15 -2.15	52.71 0.98 -3.17	51.30 0.90 -2.72	40.71 0.50 -1.86	40.28 0.48 -1.83	40.44 0.55 -1.74	40.00 1.08 -1.42	41.02 1.27 -1.28

SAWYER___23_KV_LOAD 55526	36.77	34.90	22.69	22.52	19.08	23.07	33.00	37.45	25.79	25.35	27.24	30.75	37.14	39.40	40.81	38.61	46.44	52.71	51.30	40.71	40.28	40.44	40.00	41.02
	-0.17	-0.05	-0.09	0.09	0.09	0.09	-0.63	-0.56	-0.13	-0.06	0.39	0.53	0.72	0.74	0.88	0.84	1.15	0.98	0.90	0.50	0.48	0.55	1.08	1.27
	-0.75	-0.59	0.00	0.00	0.00	-0.01	-0.57	-0.98	-0.21	0.00	-0.14	-0.48	-0.95	-1.12	-1.29	-1.10	-2.15	-3.17	-2.72	-1.86	-1.83	-1.74	-1.42	-1.28
SELKIRK___I 23801	35.59	33.83	22.56	22.23	18.73	22.66	32.61	36.69	25.36	24.96	26.21	29.19	34.41	23.97	37.93	36.01	42.36	47.85	47.05	37.78	37.29	37.45	36.77	37.71
	-0.59	-0.52	-0.22	-0.20	-0.24	-0.32	-0.45	-0.33	-0.35	-0.44	-0.51	-0.50	-0.63	-0.65	-0.72	-0.66	-0.78	-0.71	-0.63	-0.58	-0.67	-0.70	-0.73	-0.76
	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.44	12.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	35.88	34.09	22.73	22.39	18.87	22.82	32.85	37.01	25.68	25.39	26.68	29.64	34.71	1.92	38.57	36.58	42.82	48.26	47.41	38.08	37.56	37.73	37.09	38.02
	-0.31	-0.26	-0.04	-0.04	-0.09	-0.16	-0.20	-0.01	-0.03	-0.01	-0.02	-0.02	-0.06	-0.06	-0.08	-0.10	-0.32	-0.30	-0.27	-0.27	-0.41	-0.42	-0.42	-0.45
	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.71	35.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	36.96	34.90	22.57	22.26	18.84	22.83	33.65	38.19	25.89	25.17	26.66	30.13	36.47	38.77	40.20	38.04	45.98	52.86	51.51	40.97	40.44	40.41	39.28	40.00
	-0.32	-0.33	-0.20	-0.17	-0.15	-0.15	-0.23	-0.13	-0.10	-0.23	-0.24	-0.24	-0.26	-0.23	-0.13	-0.08	0.02	0.15	0.26	0.18	0.07	-0.02	-0.08	-0.15
	-1.10	-0.87	0.00	0.00	0.00	-0.01	-0.82	-1.30	-0.28	0.00	-0.18	-0.63	-1.25	-1.47	-1.69	-1.44	-2.82	-4.15	-3.56	-2.43	-2.40	-2.28	-1.86	-1.68
SENECA___115KV_TB3 355854	37.05	35.14	22.84	22.67	19.21	23.22	33.28	37.80	26.04	25.56	27.45	31.00	37.46	39.74	41.23	39.00	46.92	53.29	51.87	41.17	40.72	40.86	40.33	41.31
	0.10	0.18	0.06	0.24	0.21	0.24	-0.36	-0.21	0.11	0.16	0.59	0.77	1.02	1.07	1.28	1.21	1.61	1.53	1.44	0.94	0.90	0.95	1.40	1.55
	-0.76	-0.60	0.00	0.00	0.00	-0.01	-0.58	-1.00	-0.22	0.00	-0.14	-0.48	-0.96	-1.13	-1.31	-1.12	-2.18	-3.21	-2.75	-1.88	-1.86	-1.76	-1.43	-1.30
SENECA___ENERGY 23797	37.72	35.57	22.79	22.53	19.06	23.09	34.25	39.07	26.30	25.45	27.09	30.88	37.61	39.98	41.65	39.38	48.08	55.76	54.13	42.79	42.20	42.05	40.78	41.40
	0.03	0.02	0.02	0.09	0.07	0.10	0.06	0.21	0.19	0.05	0.11	0.24	0.35	0.34	0.59	0.64	0.91	1.27	1.36	0.97	0.81	0.65	0.63	0.53
	-1.50	-1.19	0.00	0.00	0.00	-0.01	-1.13	-1.84	-0.40	-0.01	-0.26	-0.90	-1.78	-2.09	-2.42	-2.06	-4.02	-5.92	-5.09	-3.47	-3.43	-3.25	-2.65	-2.40
SHOEMAKER___GT 23640	37.25	35.27	23.42	23.02	19.48	23.52	33.96	38.37	26.82	26.59	28.08	31.40	38.67	39.34	40.64	38.51	44.83	50.51	49.60	39.85	39.11	39.38	38.72	39.59
	1.06	0.92	0.65	0.58	0.43	0.54	0.90	1.35	1.11	1.20	1.36	1.48	1.71	1.80	2.00	1.84	1.69	1.95	1.92	1.49	1.15	1.23	1.22	1.13
	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	37.25	35.26	23.42	23.02	19.47	23.51	33.95	38.36	26.82	26.61	28.10	31.42	38.71	39.38	40.68	38.54	44.85	50.51	49.59	39.82	39.09	39.37	38.72	39.59
	1.06	0.92	0.64	0.58	0.42	0.54	0.89	1.34	1.11	1.21	1.38	1.51	1.76	1.84	2.04	1.87	1.72	1.95	1.92	1.47	1.13	1.21	1.21	1.13
	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	36.88	34.87	23.27	22.76	19.20	23.31	33.46	37.86	26.61	26.36	40.42	42.81	43.91	47.39	46.86	44.30	44.52	49.58	48.74	39.90	38.62	39.65	38.23	39.08
	0.70	0.52	0.49	0.32	0.14	0.33	0.40	0.84	0.90	0.96	1.46	1.51	1.74	1.73	2.01	1.90	1.39	1.02	1.06	1.07	0.65	0.69	0.73	0.62
	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-12.24	-11.57	-6.69	-8.11	-6.21	-5.72	0.00	0.00	0.00	-0.47	0.00	-0.81	0.00	0.00
SHOREHAM_IC_2 23716	36.88	34.87	23.27	22.76	19.20	23.31	33.45	37.86	26.61	26.35	40.42	42.81	43.90	47.37	46.85	44.29	44.52	49.58	48.74	39.90	38.62	39.64	38.23	39.08
	0.69	0.52	0.49	0.32	0.14	0.33	0.39	0.84	0.90	0.95	1.46	1.51	1.73	1.72	2.00	1.90	1.38	1.01	1.07	1.08	0.65	0.67	0.73	0.62
	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	-12.24	-11.57	-6.69	-8.11	-6.21	-5.72	0.00	0.00	0.00	-0.47	0.00	-0.81	0.00	0.00
SISSONVILLE____ 23735	37.53	35.49	23.17	22.78	19.45	23.59	34.25	38.15	26.24	25.72	27.01	30.15	35.99	38.00	38.93	36.87	43.72	49.34	48.41	38.97	39.56	45.73	40.82	39.74
	1.05	0.91	0.40	0.34	0.46	0.62	0.96	0.78	0.45	0.33	0.24	0.24	0.18	0.06	-0.18	-0.19	-0.18	-0.35	-0.24	-0.05	0.27	0.51	0.67	0.82
	-0.30	-0.24	0.00	0.00	0.00	0.00	-0.22	-0.35	-0.08	0.00	-0.05	-0.17	-0.34	-0.40	-0.46	-0.39	-0.77	-1.13	-0.97	-0.66	-1.33	-7.07	-2.65	-0.46
SITHE_IND_GS1 24169	25.00	25.30	22.14	21.84	18.48	22.28	24.52	24.09	22.46	24.65	24.33	23.14	23.07	23.10	22.19	22.55	16.26	9.43	13.98	15.18	15.02	16.29	19.51	22.01
	-1.04	-0.99	-0.63	-0.59	-0.51	-0.62	-0.92	-0.95	-0.66	-0.71	-0.73	-0.79	-0.91	-0.94	-0.89	-0.84	-0.96	-0.99	-0.94	-0.81	-0.87	-0.92	-0.93	-1.01
	10.15	8.06	0.00	0.00	0.00	0.08	7.62	11.98	2.59	0.04	1.67	5.82	11.50	13.50	15.57	13.28	25.93	38.14	32.75	22.37	22.07	20.95	17.06	15.45
SITHE_IND_GS2 24170	25.00	25.30	22.14	21.84	18.48	22.28	24.52	24.09	22.46	24.65	24.33	23.14	23.07	23.10	22.19	22.55	16.26	9.43	13.98	15.18	15.02	16.29	19.51	22.01
	-1.04	-0.99	-0.63	-0.59	-0.51	-0.62	-0.92	-0.95	-0.66	-0.71	-0.73	-0.79	-0.91	-0.94	-0.89	-0.84	-0.96	-0.99	-0.94	-0.81	-0.87	-0.92	-0.93	-1.01
	10.15	8.06	0.00	0.00	0.00	0.08	7.62	11.98	2.59	0.04	1.67	5.82	11.50	13.50	15.57	13.28	25.93	38.14	32.75	22.37	22.07	20.95	17.06	15.45
SITHE_IND_GS3 24171	25.00	25.30	22.14	21.84	18.48	22.28	24.52	24.09	22.46	24.65	24.33	23.14	23.07	23.10	22.19	22.55	16.26	9.43	13.98	15.18	15.02	16.29	19.51	22.01
	-1.04	-0.99	-0.63	-0.59	-0.51	-0.62	-0.92	-0.95	-0.66	-0.71	-0.73	-0.79	-0.91	-0.94	-0.89	-0.84	-0.96	-0.99	-0.94	-0.81	-0.87	-0.92	-0.93	-1.01
	10.15	8.06	0.00	0.00	0.00	0.08	7.62	11.98	2.59	0.04	1.67	5.82	11.50	13.50	15.57	13.28	25.93	38.14	32.75	22.37	22.07	20.95	17.06	15.45
SITHE_IND_GS4 24172	25.00	25.30	22.14	21.84	18.48	22.28	24.52	24.09	22.46	24.65	24.33	23.14	23.07	23.10	22.19	22.55	16.26	9.43	13.98	15.18	15.02	16.29	19.51	22.01
	-1.04	-0.99	-0.63	-0.59	-0.51	-0.62	-0.92	-0.95	-0.66	-0.71	-0.73	-0.79	-0.91	-0.94	-0.89	-0.84	-0.96	-0.99	-0.94	-0.81	-0.87	-0.92	-0.93	-1.01
	10.15	8.06	0.00	0.00	0.00	0.08	7.62	11.98	2.59	0.04	1.67	5.82	11.50	13.50	15.57	13.28	25.93	38.14	32.75	22.37	22.07	20.95	17.06	15.45

SITHE___BATAVIA 24024	37.57 0.64 -0.74	35.62 0.68 -0.59	23.17 0.40 0.00	22.96 0.53 0.00	19.48 0.48 0.00	23.61 0.63 -0.01	33.94 0.31 -0.57	38.52 0.52 -0.98	26.42 0.50 -0.21	25.74 0.34 0.00	27.49 0.63 -0.14	30.99 0.77 -0.48	37.43 1.01 -0.94	39.76 1.11 -1.12	41.15 1.22 -1.29	39.05 1.28 -1.10	47.12 1.83 -2.15	53.92 2.20 -3.16	52.76 2.37 -2.71	42.08 1.88 -1.85	41.54 1.75 -1.83	41.54 1.66 -1.73	41.01 2.10 -1.41	41.97 2.23 -1.28
SITHE___INDEPEND 23800	25.00 -1.04 10.15	25.30 -0.99 8.06	22.14 -0.63 0.00	21.84 -0.59 0.00	18.48 -0.52 0.00	22.28 -0.62 0.08	24.52 -0.92 7.62	24.09 -0.95 11.98	22.46 -0.66 2.59	24.65 -0.71 0.04	24.33 -0.72 1.67	23.14 -0.79 5.82	23.07 -0.91 11.50	23.09 -0.94 13.50	22.19 -0.89 15.57	22.56 -0.84 13.28	16.26 -0.95 25.93	9.44 -0.99 38.14	13.98 -0.94 32.75	15.18 -0.81 22.37	15.02 -0.87 22.07	16.29 -0.91 20.95	19.51 -0.93 17.06	22.01 -1.01 15.45
SITHE___MASSENA 23902	36.80 0.61 0.00	34.90 0.55 0.00	22.98 0.21 0.00	22.59 0.16 0.00	19.25 0.25 0.00	23.33 0.36 0.00	33.59 0.53 0.00	37.32 0.30 0.00	25.92 0.21 0.00	25.61 0.21 0.00	26.89 0.17 0.00	29.90 0.16 0.00	35.60 0.12 0.00	37.59 0.05 0.00	38.51 -0.13 0.00	36.57 -0.10 0.00	43.15 0.01 0.00	48.42 -0.14 0.00	47.52 -0.16 0.00	38.33 -0.03 0.00	38.34 0.25 -0.13	39.75 0.36 -1.23	38.41 0.50 -0.41	39.08 0.62 0.00
SITHE___OGDNSBRG 24021	37.81 1.39 -0.23	35.81 1.27 -0.18	23.41 0.64 0.00	23.02 0.59 0.00	19.64 0.65 0.00	23.84 0.86 0.00	34.57 1.34 -0.18	38.48 1.19 -0.28	26.37 0.60 -0.06	25.76 0.36 0.00	27.01 0.25 -0.04	30.15 0.28 -0.13	36.00 0.26 -0.26	38.03 0.18 -0.31	38.95 -0.05 -0.36	36.95 -0.03 -0.31	43.81 0.07 -0.60	49.41 -0.03 -0.88	48.93 0.50 -0.75	39.62 0.75 -0.52	39.99 1.05 -0.97	44.25 1.19 -4.91	40.66 1.29 -1.87	40.24 1.42 -0.36
SITHE___STERLING 23777	37.71 0.84 -0.68	35.67 0.78 -0.54	23.29 0.52 0.00	22.98 0.55 0.00	19.45 0.45 0.00	23.60 0.61 0.00	34.55 0.99 -0.51	39.00 1.18 -0.81	26.58 0.69 -0.18	25.83 0.43 0.00	27.25 0.42 -0.11	30.61 0.48 -0.39	36.87 0.61 -0.78	39.22 0.76 -0.91	40.55 0.85 -1.06	38.44 0.87 -0.90	46.06 1.16 -1.76	52.89 1.75 -2.58	51.83 1.94 -2.22	41.38 1.51 -1.51	40.79 1.33 -1.50	40.79 1.23 -1.42	39.71 1.05 -1.16	40.47 0.96 -1.05
SLEIGHT__34_KV_TB1 80719	36.94 -0.22 -0.97	34.99 -0.13 -0.77	22.69 -0.08 0.00	22.42 -0.01 0.00	18.99 0.00 0.00	22.98 0.00 -0.01	33.69 -0.10 -0.74	38.52 0.20 -1.31	26.21 0.21 -0.29	25.42 0.01 0.00	27.09 0.18 -0.19	30.70 0.31 -0.65	37.24 0.46 -1.29	39.67 0.61 -1.52	41.18 0.78 -1.76	38.99 0.82 -1.50	47.23 1.17 -2.93	54.38 1.51 -4.31	52.99 1.62 -3.70	42.03 1.15 -2.53	41.41 0.95 -2.49	41.32 0.80 -2.37	40.26 0.83 -1.93	40.95 0.75 -1.74
SMITHTWN_69_KV_BK 1 55830	37.59 1.40 0.00	35.57 1.22 0.00	23.66 0.88 0.00	23.15 0.72 0.00	19.55 0.49 -0.07	23.72 0.74 0.00	34.05 0.99 0.00	38.51 1.49 0.00	27.02 1.31 0.00	26.77 1.37 0.00	40.99 1.97 -12.30	43.47 2.10 -11.63	44.66 2.46 -6.72	48.18 2.49 -8.15	47.60 2.71 -6.24	44.92 2.49 -5.76	45.21 2.07 0.00	50.26 1.69 0.00	49.38 1.70 0.00	40.39 1.57 -0.47	39.20 1.23 0.00	40.27 1.30 -0.82	38.84 1.34 0.00	39.77 1.30 0.00
SOUTH CAIRO___GT 23612	36.76 0.57 0.00	34.91 0.56 0.00	23.28 0.50 0.00	22.94 0.51 0.00	19.34 0.36 0.02	23.42 0.45 0.00	33.80 0.74 0.00	38.22 1.20 0.00	26.53 0.82 0.00	25.76 0.36 0.00	26.87 0.16 0.01	30.07 0.33 0.00	35.84 0.37 0.00	20.17 0.27 17.63	38.87 0.23 0.00	37.15 0.48 0.00	43.80 0.66 0.00	50.35 1.79 0.00	49.86 2.18 0.00	40.11 1.75 0.00	39.50 1.53 0.00	39.48 1.33 0.00	38.60 1.09 0.00	39.41 0.95 0.00
SOUTH HAMPTN___IC 23720	37.22 1.03 0.00	35.12 0.77 0.00	23.50 0.73 0.00	22.98 0.55 0.00	19.33 0.26 -0.07	23.49 0.51 0.00	33.74 0.68 0.00	38.22 1.20 0.00	26.92 1.21 0.00	26.73 1.33 0.00	40.81 1.87 -12.22	43.32 2.03 -11.55	44.55 2.39 -6.69	48.09 2.45 -8.10	47.55 2.70 -6.20	45.01 2.63 -5.72	45.39 2.25 0.00	50.51 1.95 0.00	49.64 1.96 0.00	40.61 1.79 -0.47	39.30 1.33 0.00	40.31 1.35 -0.81	38.86 1.36 0.00	39.71 1.24 0.00
SOUTHDOW_115KV_TB1 355954	37.71 0.75 -0.77	35.66 0.69 -0.61	23.13 0.35 0.00	22.91 0.48 0.00	19.40 0.41 0.00	23.48 0.50 -0.01	34.22 0.58 -0.59	39.35 1.33 -1.01	26.95 1.02 -0.22	26.34 0.94 0.00	28.27 1.41 -0.14	32.09 1.86 -0.49	38.81 2.37 -0.97	41.13 2.45 -1.14	42.91 2.94 -1.32	40.31 2.51 -1.13	48.40 3.06 -2.20	55.02 3.22 -3.24	53.24 2.78 -2.78	42.32 2.07 -1.90	41.80 1.97 -1.87	41.86 1.94 -1.78	41.14 2.19 -1.45	41.99 2.22 -1.31
SOUTHOLD_69_KV_BK 2 55809	37.35 1.16 0.00	35.09 0.74 0.00	23.63 0.86 0.00	23.09 0.66 0.00	19.29 0.23 -0.07	23.51 0.53 0.00	33.79 0.74 0.00	38.36 1.34 0.00	27.15 1.44 0.00	27.03 1.62 0.00	41.13 2.19 -12.22	43.77 2.48 -11.55	45.11 2.94 -6.69	48.75 3.12 -8.10	48.16 3.31 -6.20	45.77 3.39 -5.72	46.30 3.16 0.00	51.53 2.97 0.00	50.66 2.98 0.00	41.43 2.61 -0.47	40.08 2.12 0.00	41.05 2.09 -0.81	39.56 2.06 0.00	40.39 1.92 0.00
SOUTHOLD___IC 23719	37.35 1.16 0.00	35.09 0.74 0.00	23.63 0.86 0.00	23.09 0.66 0.00	19.29 0.23 -0.07	23.50 0.53 0.00	33.79 0.73 0.00	38.37 1.35 0.00	27.15 1.44 0.00	27.03 1.63 0.00	41.13 2.19 -12.22	43.77 2.48 -11.55	45.12 2.96 -6.69	48.76 3.13 -8.10	48.18 3.33 -6.20	45.78 3.39 -5.72	46.30 3.16 0.00	51.54 2.97 0.00	50.66 2.98 0.00	41.43 2.61 -0.47	40.08 2.12 0.00	41.06 2.10 -0.81	39.55 2.05 0.00	40.38 1.92 0.00
SOUTH_FORK_WT_PWR 323839	37.05 0.86 0.00	34.71 0.36 0.00	23.50 0.73 0.00	22.94 0.50 0.00	19.08 0.01 -0.07	23.26 0.29 0.00	33.49 0.43 0.00	38.05 1.03 0.00	27.01 1.30 0.00	26.95 1.55 0.00	41.05 2.11 -12.22	43.77 2.48 -11.55	45.11 2.95 -6.69	48.78 3.15 -8.10	48.12 3.28 -6.20	45.84 3.45 -5.72	46.38 3.24 0.00	51.61 3.05 0.00	50.74 3.06 0.00	41.50 2.68 -0.47	40.14 2.17 0.00	41.14 2.18 -0.81	39.64 2.13 0.00	40.46 2.00 0.00
SPIERFLS_115KV_TB 1 80737	37.30 1.11 0.00	35.31 0.96 0.00	23.42 0.65 0.00	23.09 0.66 0.00	19.48 0.54 0.06	23.68 0.71 0.00	34.23 1.17 0.00	38.54 1.53 0.00	26.51 0.80 0.00	26.19 0.79 0.00	27.38 0.66 0.00	30.25 0.66 0.14	35.04 0.79 1.22	38.52 0.98 0.00	39.65 1.01 0.00	37.67 1.00 0.00	44.43 1.29 0.00	50.33 1.77 0.00	49.78 2.11 0.00	39.95 1.59 0.00	39.36 1.39 0.00	39.31 1.17 0.00	38.42 0.92 0.00	39.44 0.97 0.00
ST LAWRENCE____ 23600	36.44 0.26 0.00	34.57 0.22 0.00	22.79 0.01 0.00	22.41 -0.03 0.00	19.07 0.08 0.00	23.10 0.12 0.00	33.24 0.18 0.00	37.00 -0.02 0.00	25.71 0.00 0.00	25.44 0.04 0.00	26.73 0.00 0.00	29.71 -0.03 0.00	35.38 -0.09 0.00	37.37 -0.16 0.00	38.32 -0.33 0.00	36.39 -0.28 0.00	42.93 -0.21 0.00	48.17 -0.39 0.00	47.23 -0.44 0.00	38.06 -0.30 0.00	37.84 -0.13 0.00	38.07 -0.08 0.00	37.55 0.05 0.00	38.59 0.13 0.00

STATE_CA_115KV_115_LB 55624	36.23 0.04 0.00	34.42 0.07 0.00	22.97 0.19 0.00	22.63 0.20 0.00	19.05 0.10 0.05	23.07 0.10 0.00	33.21 0.15 0.00	37.42 0.41 0.00	25.97 0.25 0.00	25.69 0.29 0.00	27.01 0.29 0.00	29.95 0.34 0.13	34.77 0.36 1.07	37.94 0.40 0.00	39.07 0.43 0.00	37.11 0.44 0.00	43.45 0.30 0.00	48.99 0.43 0.00	48.13 0.45 0.00	38.62 0.26 0.00	38.06 0.09 0.00	38.19 0.04 0.00	37.48 -0.03 0.00	38.39 -0.08 0.00
STATE_ST_34_KV_LOAD 55959	38.03 0.21 -1.63	35.86 0.22 -1.29	22.93 0.15 0.00	22.66 0.23 0.00	19.17 0.18 0.00	23.15 0.16 -0.01	34.54 0.26 -1.22	39.42 0.42 -1.98	26.41 0.27 -0.43	25.50 0.10 -0.01	27.12 0.12 -0.28	30.92 0.22 -0.97	37.70 0.32 -1.91	40.14 0.36 -2.25	41.83 0.59 -2.60	39.47 0.59 -2.22	48.15 0.68 -4.33	55.88 0.96 -6.36	54.32 1.18 -5.47	42.84 0.75 -3.73	42.32 0.67 -3.68	42.19 0.54 -3.49	40.84 0.49 -2.85	41.40 0.36 -2.58
STATION_5_MISC_HYD 23604	37.03 0.11 -0.72	35.07 0.14 -0.58	22.83 0.05 0.00	22.58 0.15 0.00	19.13 0.14 0.00	23.18 0.20 -0.01	33.65 0.04 -0.55	38.25 0.26 -0.96	26.20 0.28 -0.21	25.65 0.24 0.00	27.39 0.54 -0.13	30.93 0.71 -0.47	37.39 0.98 -0.93	39.73 1.10 -1.10	41.15 1.24 -1.27	39.02 1.26 -1.08	46.95 1.70 -2.11	53.59 1.93 -3.10	52.24 1.90 -2.66	41.54 1.36 -1.82	40.97 1.21 -1.80	40.95 1.10 -1.70	40.18 1.29 -1.39	41.02 1.30 -1.26
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.92 -0.11 -0.84	34.92 -0.10 -0.67	22.69 -0.09 0.00	22.43 0.00 0.00	19.00 0.00 0.00	23.03 0.05 -0.01	33.60 -0.10 -0.64	38.24 0.12 -1.11	26.12 0.17 -0.24	25.45 0.04 0.00	27.11 0.24 -0.16	30.65 0.37 -0.54	37.08 0.53 -1.07	39.39 0.59 -1.26	40.91 0.81 -1.46	38.75 0.84 -1.24	46.80 1.23 -2.43	53.68 1.54 -3.57	52.30 1.56 -3.07	41.55 1.10 -2.09	40.96 0.93 -2.06	40.92 0.81 -1.96	39.97 0.87 -1.60	40.72 0.81 -1.44
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.80 -0.12 -0.74	34.85 -0.09 -0.59	22.69 -0.08 0.00	22.43 0.00 0.00	19.00 0.01 0.00	23.03 0.05 -0.01	33.47 -0.15 -0.57	38.07 0.06 -0.99	26.07 0.14 -0.21	25.48 0.08 0.00	27.23 0.36 -0.14	30.75 0.53 -0.48	37.18 0.76 -0.95	39.52 0.87 -1.12	40.97 1.03 -1.30	38.82 1.04 -1.11	46.74 1.44 -2.16	53.39 1.65 -3.17	52.04 1.64 -2.73	41.35 1.13 -1.86	40.78 0.98 -1.84	40.78 0.88 -1.74	39.95 1.02 -1.42	40.77 1.02 -1.29
STA_56___34_KV_BUS2 355983	36.80 -0.12 -0.74	34.85 -0.09 -0.59	22.69 -0.08 0.00	22.43 0.00 0.00	19.00 0.01 0.00	23.03 0.05 -0.01	33.47 -0.15 -0.57	38.07 0.06 -0.99	26.07 0.14 -0.21	25.48 0.08 0.00	27.23 0.36 -0.14	30.75 0.53 -0.48	37.18 0.76 -0.95	39.52 0.87 -1.12	40.97 1.03 -1.30	38.82 1.04 -1.11	46.74 1.44 -2.16	53.39 1.65 -3.17	52.04 1.64 -2.73	41.35 1.13 -1.86	40.78 0.98 -1.84	40.78 0.88 -1.74	39.95 1.02 -1.42	40.77 1.02 -1.29
STA_67___115KV_BK2 355882	36.95 0.04 -0.72	35.00 0.07 -0.57	22.79 0.02 0.00	22.54 0.10 0.00	19.09 0.10 0.00	23.13 0.15 -0.01	33.59 -0.02 -0.55	38.18 0.19 -0.96	26.15 0.23 -0.21	25.59 0.18 0.00	27.33 0.47 -0.13	30.85 0.64 -0.47	37.30 0.90 -0.93	39.63 1.00 -1.10	41.08 1.17 -1.26	38.92 1.17 -1.08	46.84 1.59 -2.11	53.45 1.79 -3.09	52.12 1.78 -2.66	41.42 1.25 -1.82	40.86 1.10 -1.79	40.88 1.03 -1.70	40.08 1.19 -1.39	40.93 1.21 -1.25
STA_7___115KV_9TRANS 80674	37.18 0.27 -0.72	35.20 0.27 -0.58	22.92 0.14 0.00	22.65 0.22 0.00	19.19 0.20 0.00	23.26 0.28 -0.01	33.79 0.18 -0.55	38.42 0.44 -0.96	26.32 0.40 -0.21	25.74 0.34 0.00	27.51 0.65 -0.13	31.06 0.85 -0.47	37.55 1.15 -0.93	39.92 1.29 -1.10	41.39 1.48 -1.27	39.23 1.48 -1.08	47.22 1.97 -2.11	53.90 2.23 -3.10	52.55 2.21 -2.66	41.78 1.60 -1.82	41.20 1.44 -1.80	41.20 1.34 -1.70	40.37 1.48 -1.39	41.20 1.48 -1.26
STA_82___115KV_TB1 80780	36.97 0.05 -0.74	35.02 0.09 -0.58	22.80 0.03 0.00	22.54 0.11 0.00	19.10 0.11 0.00	23.14 0.16 -0.01	33.60 -0.01 -0.56	38.21 0.22 -0.97	26.17 0.24 -0.21	25.59 0.19 0.00	27.34 0.48 -0.13	30.86 0.65 -0.47	37.31 0.90 -0.94	39.66 1.01 -1.11	41.10 1.18 -1.28	38.95 1.19 -1.09	46.87 1.61 -2.13	53.51 1.82 -3.13	52.17 1.80 -2.69	41.47 1.28 -1.84	40.90 1.13 -1.81	40.91 1.05 -1.72	40.12 1.21 -1.40	40.97 1.24 -1.27
STEEL___WIND 323596	37.01 0.06 -0.76	35.11 0.16 -0.60	22.82 0.05 0.00	22.66 0.23 0.00	19.19 0.20 0.00	23.21 0.23 -0.01	33.23 -0.41 -0.58	37.75 -0.26 -1.00	26.00 0.07 -0.22	25.54 0.14 0.00	27.42 0.56 -0.14	30.96 0.74 -0.48	37.41 0.98 -0.96	39.69 1.02 -1.13	41.12 1.17 -1.31	38.93 1.15 -1.12	46.84 1.52 -2.18	53.20 1.44 -3.21	51.79 1.36 -2.75	41.13 0.90 -1.88	40.68 0.86 -1.86	40.79 0.88 -1.76	40.30 1.36 -1.43	41.26 1.50 -1.30
STEPHTWN_115KV_BK_2 55603	36.32 0.13 0.00	34.41 0.06 0.00	22.96 0.19 0.00	22.63 0.20 0.00	19.07 0.12 0.05	23.09 0.11 0.00	33.34 0.28 0.00	37.55 0.54 0.00	26.02 0.30 0.00	25.80 0.41 0.00	27.16 0.44 0.00	30.12 0.50 0.12	34.99 0.55 1.04	38.11 0.57 0.00	39.19 0.54 0.00	37.24 0.57 0.00	43.66 0.52 0.00	49.24 0.68 0.00	48.37 0.69 0.00	38.76 0.40 0.00	38.24 0.28 0.00	38.34 0.19 0.00	37.68 0.17 0.00	38.57 0.11 0.00
STEBEN_REC_LFGE 323667	37.33 0.19 -0.96	35.35 0.24 -0.76	22.86 0.09 0.00	22.66 0.23 0.00	19.12 0.12 0.00	22.96 -0.02 -0.01	33.18 -0.60 -0.72	37.73 -0.47 -1.18	25.90 -0.07 -0.26	25.30 -0.10 0.00	27.03 0.15 -0.17	30.64 0.32 -0.58	37.18 0.56 -1.14	39.41 0.52 -1.35	41.20 1.00 -1.56	38.91 0.91 -1.33	47.15 1.41 -2.59	54.00 1.62 -3.82	52.66 1.70 -3.28	41.88 1.28 -2.24	41.33 1.16 -2.21	41.35 1.11 -2.10	40.45 1.24 -1.71	41.23 1.22 -1.55
STILLWATER___SOLAR 323814	37.35 1.16 0.00	35.42 1.07 0.00	23.53 0.75 0.00	23.18 0.75 0.00	19.53 0.60 0.06	23.73 0.75 0.00	34.23 1.17 0.00	38.52 1.50 0.00	26.56 0.85 0.00	26.20 0.80 0.00	27.46 0.74 0.00	30.36 0.78 0.16	35.10 0.99 1.37	38.69 1.16 0.00	39.85 1.20 0.00	37.85 1.18 0.00	44.59 1.45 0.00	50.37 1.81 0.00	49.70 2.02 0.00	39.87 1.52 0.00	39.30 1.34 0.00	39.36 1.21 0.00	38.56 1.06 0.00	39.54 1.07 0.00
STONY___BROOK 24151	37.48 1.29 0.00	35.46 1.11 0.00	23.60 0.83 0.00	23.10 0.66 0.00	19.51 0.44 -0.07	23.66 0.69 0.00	33.97 0.91 0.00	38.44 1.42 0.00	26.98 1.27 0.00	26.73 1.33 0.00	40.90 1.90 -12.27	43.36 2.02 -11.60	44.55 2.36 -6.71	48.07 2.39 -8.14	47.50 2.63 -6.23	44.85 2.44 -5.74	45.13 1.99 0.00	50.05 1.49 0.00	49.17 1.49 0.00	40.24 1.42 -0.47	39.12 1.15 0.00	40.18 1.22 -0.82	38.75 1.24 0.00	39.64 1.18 0.00
STURGEON_POOL_HYD 23609	37.50 1.31 0.00	35.51 1.16 0.00	23.57 0.80 0.00	23.15 0.72 0.00	19.58 0.54 -0.04	23.65 0.68 0.00	34.16 1.11 0.00	38.64 1.62 0.00	27.10 1.39 0.00	26.92 1.52 0.00	28.47 1.75 0.00	31.78 1.92 -0.13	38.82 2.26 -1.08	35.87 2.27 3.94	41.12 2.48 0.00	38.96 2.29 0.00	45.32 2.18 0.00	50.94 2.38 0.00	49.96 2.28 0.00	40.13 1.78 0.00	39.40 1.43 0.00	39.67 1.52 0.00	39.00 1.50 0.00	39.86 1.39 0.00

ST_LAW_115_BK7_LBMP 345037	36.47 0.28 0.00	34.58 0.23 0.00	22.79 0.02 0.00	22.41 -0.02 0.00	19.08 0.09 0.00	23.11 0.14 0.00	33.26 0.20 0.00	37.00 -0.02 0.00	25.71 -0.01 0.00	25.44 0.04 0.00	26.72 -0.01 0.00	29.69 -0.05 0.00	35.37 -0.11 0.00	37.36 -0.18 0.00	38.28 -0.36 0.00	36.36 -0.31 0.00	42.91 -0.23 0.00	48.13 -0.43 0.00	47.19 -0.49 0.00	38.03 -0.32 0.00	37.84 -0.12 0.00	38.10 -0.05 0.00	37.57 0.06 0.00	38.63 0.17 0.00
ST_LAW_115_BK8_LBMP 345038	36.47 0.28 0.00	34.58 0.23 0.00	22.79 0.02 0.00	22.41 -0.02 0.00	19.08 0.09 0.00	23.11 0.14 0.00	33.26 0.20 0.00	37.00 -0.02 0.00	25.71 -0.01 0.00	25.44 0.04 0.00	26.72 -0.01 0.00	29.69 -0.05 0.00	35.37 -0.11 0.00	37.36 -0.18 0.00	38.28 -0.36 0.00	36.36 -0.31 0.00	42.91 -0.23 0.00	48.13 -0.43 0.00	47.19 -0.49 0.00	38.03 -0.32 0.00	37.84 -0.12 0.00	38.10 -0.05 0.00	37.57 0.06 0.00	38.63 0.17 0.00
ST_LAW_230_BK5_LBMP 345035	36.44 0.26 0.00	34.57 0.22 0.00	22.79 0.01 0.00	22.41 -0.03 0.00	19.07 0.08 0.00	23.10 0.12 0.00	33.24 0.18 0.00	37.00 -0.02 0.00	25.71 0.00 0.00	25.44 0.04 0.00	26.73 0.00 0.00	29.71 -0.03 0.00	35.38 -0.09 0.00	37.37 -0.16 0.00	38.32 -0.33 0.00	36.39 -0.28 0.00	42.93 -0.21 0.00	48.17 -0.39 0.00	47.23 -0.44 0.00	38.06 -0.30 0.00	37.84 -0.13 0.00	38.07 -0.08 0.00	37.55 0.05 0.00	38.59 0.13 0.00
ST_LAW_230_BK6_LBMP 345036	36.44 0.26 0.00	34.57 0.22 0.00	22.79 0.01 0.00	22.41 -0.03 0.00	19.07 0.08 0.00	23.10 0.12 0.00	33.24 0.18 0.00	37.00 -0.02 0.00	25.71 0.00 0.00	25.44 0.04 0.00	26.73 0.00 0.00	29.71 -0.03 0.00	35.38 -0.09 0.00	37.37 -0.16 0.00	38.32 -0.33 0.00	36.39 -0.28 0.00	42.93 -0.21 0.00	48.17 -0.39 0.00	47.23 -0.44 0.00	38.06 -0.30 0.00	37.84 -0.13 0.00	38.07 -0.08 0.00	37.55 0.05 0.00	38.59 0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.39 1.20 0.00	35.38 1.03 0.00	23.48 0.71 0.00	23.07 0.64 0.00	19.53 0.47 -0.06	23.58 0.61 0.00	34.06 1.01 0.00	38.51 1.49 0.00	26.95 1.24 0.00	26.76 1.36 0.00	28.29 1.56 0.00	31.66 1.74 -0.18	39.06 2.06 -1.53	39.69 2.15 0.00	41.02 2.37 0.00	38.82 2.15 0.00	45.12 1.99 0.00	50.78 2.22 0.00	49.83 2.15 0.00	39.99 1.64 0.00	39.22 1.26 0.00	39.51 1.36 0.00	38.86 1.36 0.00	39.74 1.28 0.00
SWANROAD_115KV_TB1 355699	36.54 -0.39 -0.75	34.71 -0.23 -0.59	22.57 -0.20 0.00	22.40 -0.03 0.00	19.00 0.01 0.00	22.98 0.00 -0.01	32.61 -1.02 -0.57	36.81 -1.20 -0.98	25.36 -0.56 -0.21	24.93 -0.48 0.00	26.80 -0.06 -0.14	30.20 -0.02 -0.48	36.44 0.02 -0.95	38.66 0.00 -1.12	39.97 0.03 -1.29	37.90 0.12 -1.10	45.59 0.29 -2.15	51.67 -0.06 -3.16	50.34 -0.06 -2.72	40.01 -0.20 -1.86	39.58 -0.21 -1.83	39.82 -0.07 -1.74	39.62 0.70 -1.42	40.74 0.99 -1.28
SYNERGY___BIOGAS 323694	37.57 0.64 -0.74	35.62 0.68 -0.59	23.18 0.40 0.00	22.96 0.53 0.00	19.48 0.48 0.00	23.62 0.63 -0.01	33.94 0.31 -0.57	38.54 0.54 -0.98	26.43 0.51 -0.21	25.74 0.34 0.00	27.49 0.63 -0.14	30.99 0.77 -0.48	37.43 1.01 -0.94	39.76 1.11 -1.12	41.21 1.28 -1.29	39.07 1.30 -1.10	47.14 1.86 -2.15	53.92 2.20 -3.16	52.78 2.39 -2.71	42.08 1.87 -1.85	41.53 1.74 -1.83	41.58 1.69 -1.73	41.02 2.10 -1.41	41.97 2.23 -1.28
SYRACUSE___ENERGY_ST1 323597	37.87 -0.13 -1.81	35.65 -0.14 -1.44	22.70 -0.07 0.00	22.40 -0.03 0.00	18.95 -0.05 0.00	22.95 -0.04 -0.01	34.38 -0.04 -1.36	39.24 0.03 -2.19	26.18 0.00 -0.47	25.30 -0.11 -0.01	26.95 -0.08 -0.30	30.76 -0.03 -1.06	37.58 0.02 -2.08	40.05 0.07 -2.45	41.67 0.20 -2.83	39.30 0.21 -2.41	48.19 0.34 -4.71	56.03 0.54 -6.93	54.21 0.58 -5.95	42.81 0.39 -4.06	42.24 0.27 -4.01	42.14 0.18 -3.81	40.71 0.11 -3.10	41.27 0.00 -2.81
SYRACUSE___ENERGY_ST2 323598	37.87 -0.13 -1.81	35.65 -0.14 -1.44	22.70 -0.07 0.00	22.40 -0.03 0.00	18.95 -0.05 0.00	22.95 -0.04 -0.01	34.38 -0.04 -1.36	39.24 0.03 -2.19	26.18 0.00 -0.47	25.30 -0.11 -0.01	26.95 -0.08 -0.30	30.76 -0.03 -1.06	37.58 0.02 -2.08	40.05 0.07 -2.45	41.67 0.20 -2.83	39.30 0.21 -2.41	48.19 0.34 -4.71	56.03 0.54 -6.93	54.21 0.58 -5.95	42.81 0.39 -4.06	42.24 0.27 -4.01	42.14 0.18 -3.81	40.71 0.11 -3.10	41.27 0.00 -2.81
SYRACUSE___POWER 24017	37.48 -0.10 -1.39	35.35 -0.11 -1.11	22.72 -0.06 0.00	22.41 -0.02 0.00	18.96 -0.04 0.00	22.97 -0.01 -0.01	34.10 0.00 -1.05	38.78 0.09 -1.67	26.11 0.04 -0.36	25.32 -0.08 0.00	26.89 -0.06 -0.23	30.54 -0.01 -0.81	37.12 0.05 -1.59	39.52 0.10 -1.87	41.04 0.23 -2.16	38.76 0.25 -1.84	47.13 0.39 -3.60	54.48 0.63 -5.30	52.88 0.65 -4.55	41.93 0.46 -3.11	41.37 0.34 -3.07	41.31 0.24 -2.91	40.04 0.16 -2.37	40.67 0.06 -2.15
TALLMAN__138KV_BK151 55660	37.59 1.40 0.00	35.56 1.20 0.00	23.58 0.80 0.00	23.16 0.73 0.00	19.60 0.54 -0.06	23.68 0.71 0.00	34.25 1.19 0.00	38.73 1.71 0.00	27.11 1.40 0.00	26.94 1.54 0.00	28.52 1.79 0.00	31.93 2.00 -0.19	39.45 2.39 -1.59	40.02 2.48 0.00	41.37 2.72 0.00	39.12 2.45 0.00	45.41 2.28 0.00	51.08 2.52 0.00	50.12 2.45 0.00	40.21 1.86 0.00	39.41 1.45 0.00	39.73 1.58 0.00	39.07 1.57 0.00	39.95 1.49 0.00
TEALLAVE_115KV_TB7 355573	37.11 -0.34 -1.26	35.01 -0.34 -1.00	22.57 -0.21 0.00	22.27 -0.17 0.00	18.84 -0.16 0.00	22.82 -0.16 -0.01	33.76 -0.24 -0.94	38.34 -0.17 -1.50	25.91 -0.13 -0.32	25.19 -0.22 0.00	26.74 -0.19 -0.21	30.31 -0.16 -0.73	36.77 -0.14 -1.44	39.12 -0.11 -1.69	40.62 0.03 -1.95	38.37 0.04 -1.66	46.51 0.12 -3.25	53.60 0.26 -4.78	52.06 0.28 -4.10	41.30 0.15 -2.80	40.76 0.04 -2.76	40.73 -0.05 -2.62	39.53 -0.10 -2.14	40.19 -0.20 -1.93
TELGRAPH_34_KV_EAST 80808	37.06 0.13 -0.74	35.18 0.24 -0.59	22.88 0.10 0.00	22.68 0.25 0.00	19.24 0.25 0.00	23.29 0.31 -0.01	33.28 -0.34 -0.57	37.70 -0.30 -0.98	25.93 0.00 -0.21	25.38 -0.02 0.00	27.22 0.36 -0.14	30.69 0.47 -0.48	37.05 0.63 -0.95	39.33 0.68 -1.12	40.71 0.78 -1.29	38.59 0.82 -1.10	46.46 1.17 -2.15	52.86 1.13 -3.16	51.62 1.23 -2.72	41.07 0.86 -1.86	40.59 0.79 -1.83	40.73 0.84 -1.74	40.32 1.40 -1.42	41.36 1.62 -1.28
TEMPLE___115KV_TB 2 55572	37.13 -0.32 -1.26	35.03 -0.32 -1.00	22.58 -0.19 0.00	22.29 -0.15 0.00	18.85 -0.15 0.00	22.83 -0.15 -0.01	33.78 -0.23 -0.95	38.36 -0.16 -1.50	25.92 -0.12 -0.32	25.20 -0.21 0.00	26.76 -0.17 -0.21	30.34 -0.13 -0.73	36.81 -0.11 -1.44	39.15 -0.08 -1.69	40.66 0.07 -1.95	38.42 0.08 -1.67	46.56 0.16 -3.25	53.65 0.30 -4.79	52.10 0.31 -4.11	41.34 0.18 -2.81	40.78 0.05 -2.77	40.77 -0.02 -2.63	39.56 -0.08 -2.14	40.23 -0.17 -1.94
TIANA____69_KV_BK 1 55817	37.22 1.04 0.00	35.15 0.80 0.00	23.49 0.71 0.00	22.98 0.54 0.00	19.35 0.29 -0.07	23.51 0.53 0.00	33.75 0.69 0.00	38.22 1.20 0.00	26.90 1.19 0.00	26.67 1.27 0.00	40.75 1.81 -12.22	43.22 1.93 -11.55	44.42 2.26 -6.69	47.95 2.31 -8.10	47.42 2.57 -6.20	44.86 2.48 -5.72	45.21 2.07 0.00	50.32 1.76 0.00	49.47 1.79 0.00	40.47 1.65 -0.47	39.17 1.21 0.00	40.17 1.20 -0.81	38.73 1.23 0.00	39.58 1.12 0.00

TILDEN___115KV_TB1 80814	37.48 -0.10 -1.39	35.35 -0.11 -1.11	22.72 -0.06 0.00	22.41 -0.02 0.00	18.96 -0.04 0.00	22.97 -0.01 -0.01	34.10 0.00 -1.05	38.78 0.09 -1.67	26.11 0.04 -0.36	25.32 -0.08 0.00	26.89 -0.06 -0.23	30.54 -0.01 -0.81	37.12 0.05 -1.59	39.52 0.10 -1.87	41.04 0.23 -2.16	38.76 0.25 -1.84	47.13 0.39 -3.60	54.48 0.63 -5.30	52.88 0.65 -4.55	41.93 0.46 -3.11	41.37 0.34 -3.07	41.31 0.24 -2.91	40.04 0.16 -2.37	40.67 0.06 -2.15
TRIGEN___CC 323695	37.71 1.53 0.00	35.72 1.36 0.00	23.68 0.91 0.00	23.22 0.78 0.00	19.64 0.58 -0.07	23.76 0.79 0.00	34.16 1.10 0.00	38.58 1.57 0.00	27.05 1.34 0.00	26.89 1.49 0.00	50.28 1.97 -21.58	52.12 2.13 -20.25	48.53 2.54 -10.52	54.38 2.53 -14.31	52.32 2.72 -10.96	49.26 2.49 -10.10	45.34 2.20 0.00	50.79 2.23 0.00	49.85 2.17 0.00	40.98 1.80 -0.83	39.31 1.34 0.00	41.06 1.48 -1.44	38.95 1.45 0.00	39.94 1.47 0.00
TRINITY__115KV__4 BK 55933	36.07 -0.12 0.00	34.27 -0.08 0.00	22.87 0.10 0.00	22.55 0.11 0.00	18.98 0.03 0.05	22.97 0.00 0.00	33.06 0.00 0.00	37.26 0.25 0.00	25.85 0.14 0.00	25.58 0.18 0.00	26.89 0.17 0.00	29.81 0.19 0.12	34.62 0.18 1.04	37.74 0.20 0.00	38.86 0.22 0.00	36.89 0.22 0.00	43.15 0.01 0.00	48.63 0.07 0.00	47.80 0.12 0.00	38.35 0.00 0.00	37.82 -0.15 0.00	37.97 -0.19 0.00	37.27 -0.24 0.00	38.19 -0.27 0.00
UNION___PROCESSING_DRP 323587	36.98 0.06 -0.74	35.03 0.09 -0.59	22.80 0.03 0.00	22.55 0.12 0.00	19.11 0.11 0.00	23.15 0.17 -0.01	33.61 -0.01 -0.56	38.22 0.22 -0.98	26.17 0.25 -0.21	25.59 0.19 0.00	27.35 0.49 -0.14	30.87 0.66 -0.48	37.33 0.91 -0.94	39.67 1.02 -1.11	41.11 1.19 -1.28	38.96 1.19 -1.09	46.89 1.62 -2.13	53.54 1.84 -3.14	52.20 1.83 -2.70	41.49 1.29 -1.84	40.92 1.14 -1.82	40.94 1.07 -1.73	40.13 1.23 -1.41	40.98 1.25 -1.27
UPPER HUDSON___HYD 24058	37.30 1.11 0.00	35.31 0.96 0.00	23.42 0.65 0.00	23.09 0.66 0.00	19.48 0.54 0.06	23.68 0.71 0.00	34.23 1.17 0.00	38.54 1.53 0.00	26.51 0.80 0.00	26.19 0.79 0.00	27.38 0.66 0.00	30.25 0.66 0.14	35.04 0.79 1.22	38.52 0.98 0.00	39.66 1.02 0.00	37.67 1.00 0.00	44.44 1.30 0.00	50.34 1.77 0.00	49.78 2.10 0.00	39.95 1.59 0.00	39.36 1.39 0.00	39.32 1.17 0.00	38.42 0.92 0.00	39.44 0.97 0.00
UPPER RAQUET___HYD 24056	37.53 1.05 -0.30	35.49 0.91 -0.24	23.17 0.40 0.00	22.78 0.34 0.00	19.45 0.46 0.00	23.59 0.61 0.00	34.25 0.96 -0.22	38.15 0.78 -0.35	26.24 0.45 -0.08	25.72 0.33 0.00	27.01 0.24 -0.05	30.15 0.24 -0.17	35.99 0.18 -0.34	38.00 0.06 -0.40	38.93 -0.18 -0.46	36.87 -0.19 -0.39	43.72 -0.18 -0.77	49.34 -0.35 -1.13	48.41 -0.24 -0.97	38.97 -0.05 -0.66	39.56 0.27 -1.33	45.73 0.51 -7.07	40.82 0.67 -2.65	39.74 0.83 -0.46
VALLEY44_115KV_TB2 355964	36.73 -0.24 -0.78	34.83 -0.14 -0.62	22.64 -0.14 0.00	22.48 0.04 0.00	19.02 0.02 0.00	23.04 0.06 -0.01	33.34 -0.31 -0.59	37.99 -0.04 -1.01	26.11 0.18 -0.22	25.59 0.19 0.00	27.30 0.43 -0.14	30.87 0.64 -0.49	37.31 0.86 -0.97	39.48 0.79 -1.15	41.25 1.27 -1.33	38.74 0.94 -1.13	46.48 1.13 -2.21	52.98 1.16 -3.25	51.57 1.10 -2.79	40.88 0.62 -1.91	40.34 0.49 -1.88	40.46 0.52 -1.79	39.78 0.82 -1.45	40.71 0.93 -1.32
VALLEY___115KV_TB 1-4 80826	36.47 0.28 0.00	34.72 0.37 0.00	23.18 0.41 0.00	22.86 0.43 0.00	19.26 0.27 0.00	23.31 0.34 0.00	33.71 0.65 0.00	37.99 0.98 0.00	26.15 0.44 0.00	25.44 0.05 0.00	26.65 -0.07 0.00	29.68 -0.06 0.00	35.51 0.04 0.00	37.61 0.07 0.00	38.75 0.11 0.00	36.83 0.16 0.00	43.52 0.38 0.00	49.57 1.01 0.00	49.03 1.35 0.00	39.32 0.97 0.00	38.68 0.72 0.00	38.80 0.65 0.00	37.99 0.49 0.00	38.84 0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.80 1.13 -0.48	35.80 1.07 -0.38	23.52 0.74 0.00	23.17 0.73 0.00	19.58 0.59 0.00	23.66 0.68 0.00	34.49 1.07 -0.36	38.94 1.37 -0.55	26.83 1.00 -0.12	26.38 0.98 0.00	27.91 1.12 -0.08	31.32 1.27 -0.31	37.89 1.52 -0.88	39.83 1.64 -0.65	41.21 1.81 -0.76	39.04 1.72 -0.65	46.35 1.94 -1.27	52.74 2.30 -1.87	51.48 2.20 -1.61	41.09 1.64 -1.10	40.51 1.46 -1.08	40.66 1.48 -1.03	39.73 1.39 -0.84	40.53 1.31 -0.76
VISCHER___FERRY HYD 24020	36.87 0.68 0.00	35.03 0.68 0.00	23.29 0.52 0.00	22.95 0.52 0.00	19.29 0.37 0.08	23.44 0.46 0.00	33.77 0.71 0.00	38.05 1.03 0.00	26.31 0.59 0.00	26.02 0.62 0.00	27.31 0.58 0.00	30.18 0.64 0.20	34.56 0.77 1.69	38.43 0.89 0.00	39.56 0.91 0.00	37.54 0.86 0.00	44.03 0.89 0.00	49.61 1.05 0.00	48.88 1.20 0.00	39.21 0.86 0.00	38.67 0.70 0.00	38.78 0.63 0.00	38.03 0.52 0.00	39.02 0.55 0.00
V_A_10_SYNC_DSASP 323832	36.59 -0.31 -0.71	34.75 -0.16 -0.57	22.62 -0.15 0.00	22.43 0.00 0.00	19.01 0.02 0.00	23.00 0.02 0.00	32.98 -0.62 -0.54	37.42 -0.55 -0.95	25.75 -0.17 -0.21	25.29 -0.11 0.00	27.14 0.28 -0.13	30.62 0.42 -0.47	36.97 0.57 -0.92	39.21 0.59 -1.09	40.60 0.70 -1.26	38.42 0.67 -1.07	46.15 0.92 -2.09	52.43 0.79 -3.07	51.04 0.72 -2.64	40.50 0.34 -1.80	40.04 0.30 -1.78	40.20 0.36 -1.69	39.72 0.84 -1.38	40.74 1.03 -1.24
V_CMM_10_SYNC_DSASP 323787	36.66 0.47 0.00	34.78 0.43 0.00	22.91 0.14 0.00	22.53 0.09 0.00	19.18 0.19 0.00	23.24 0.27 0.00	33.45 0.39 0.00	37.19 0.18 0.00	25.84 0.13 0.00	25.57 0.17 0.00	26.85 0.13 0.00	29.86 0.12 0.00	35.56 0.08 0.00	37.56 0.02 0.00	38.49 -0.15 0.00	36.56 -0.12 0.00	43.14 0.00 0.00	48.40 -0.16 0.00	47.46 -0.22 0.00	38.24 -0.11 0.00	38.06 0.09 0.00	38.30 0.14 0.00	37.78 0.28 0.00	38.85 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	37.89 1.70 0.00	35.37 1.02 0.00	23.15 0.38 0.00	22.57 0.14 0.00	19.61 0.61 0.00	23.75 0.77 0.00	34.22 1.16 0.00	37.79 0.77 0.00	26.38 0.67 0.00	26.48 1.09 0.00	27.87 1.14 0.00	30.77 1.03 0.00	36.00 0.53 0.00	37.47 -0.07 0.00	38.13 -0.51 0.00	35.92 -0.75 0.00	42.43 -0.71 0.00	47.96 -0.60 0.00	47.14 -0.54 0.00	37.34 -1.01 0.00	31.80 -1.46 4.70	-8.28 -1.50 44.94	-3.98 -0.83 40.65	37.91 -0.55 0.00
V_D_10_SYNC_DSASP 323841	36.80 0.61 0.00	34.90 0.55 0.00	22.98 0.21 0.00	22.59 0.16 0.00	19.25 0.25 0.00	23.33 0.35 0.00	33.59 0.53 0.00	37.32 0.30 0.00	25.92 0.21 0.00	25.62 0.22 0.00	26.89 0.17 0.00	29.90 0.16 0.00	35.60 0.12 0.00	37.60 0.06 0.00	38.52 -0.12 0.00	36.58 -0.09 0.00	43.16 0.02 0.00	48.43 -0.13 0.00	47.52 -0.16 0.00	38.33 -0.03 0.00	38.34 0.25 -0.12	39.67 0.36 -1.16	38.38 0.49 -0.39	39.08 0.62 0.00
V_E_10_SYNC_DSASP 323830	39.11 1.99 -0.92	36.95 1.87 -0.73	23.95 1.18 0.00	23.70 1.27 0.00	20.06 1.06 0.00	24.38 1.39 -0.01	36.00 2.25 -0.69	40.77 2.71 -1.04	27.65 1.71 -0.22	26.75 1.35 0.00	28.12 1.26 -0.15	31.85 1.56 -0.55	38.76 1.92 -1.36	40.66 1.89 -1.24	42.39 2.28 -1.46	40.12 2.20 -1.25	48.65 3.07 -2.44	56.31 4.15 -3.59	55.19 4.43 -3.09	43.90 3.44 -2.11	43.30 3.26 -2.08	43.20 3.08 -1.97	41.91 2.80 -1.61	42.55 2.63 -1.46



V_F_30_NSYNC___DSASP 323816	37.39 1.20 0.00	35.46 1.11 0.00	23.55 0.78 0.00	23.21 0.77 0.00	19.56 0.62 0.06	23.76 0.78 0.00	34.27 1.22 0.00	38.55 1.53 0.00	26.60 0.88 0.00	26.24 0.84 0.00	27.53 0.81 0.00	30.45 0.86 0.15	35.25 1.08 1.30	38.78 1.24 0.00	39.94 1.29 0.00	37.94 1.27 0.00	44.68 1.55 0.00	50.47 1.90 0.00	49.77 2.09 0.00	39.93 1.57 0.00	39.36 1.40 0.00	39.43 1.28 0.00	38.62 1.12 0.00	39.59 1.13 0.00
V_F_30_SYNC_DSASP 323786	36.23 0.04 0.00	34.41 0.06 0.00	22.97 0.19 0.00	22.63 0.20 0.00	19.05 0.10 0.05	23.07 0.10 0.00	33.21 0.15 0.00	37.42 0.41 0.00	25.97 0.25 0.00	25.68 0.28 0.00	27.01 0.29 0.00	29.95 0.33 0.13	34.77 0.36 1.07	37.94 0.40 0.00	39.07 0.43 0.00	37.11 0.44 0.00	43.45 0.30 0.00	48.97 0.41 0.00	48.12 0.44 0.00	38.61 0.26 0.00	38.05 0.09 0.00	38.18 0.03 0.00	37.48 -0.03 0.00	38.38 -0.08 0.00
V_XM_10_SYNC_DSASP 323789	37.89 1.70 0.00	35.37 1.02 0.00	23.15 0.38 0.00	22.57 0.14 0.00	19.61 0.61 0.00	23.75 0.77 0.00	34.22 1.16 0.00	37.79 0.77 0.00	26.38 0.67 0.00	26.48 1.09 0.00	27.87 1.14 0.00	30.77 1.03 0.00	36.00 0.53 0.00	37.47 -0.07 0.00	38.13 -0.51 0.00	35.92 -0.75 0.00	42.43 -0.71 0.00	47.96 -0.60 0.00	47.14 -0.54 0.00	37.34 -1.01 0.00	31.80 -1.46 4.70	-8.28 -1.50 44.94	-3.98 -0.83 40.65	37.91 -0.55 0.00
W.BABYLN_69_KV_BK1 56697	38.11 1.92 0.00	36.05 1.70 0.00	23.93 1.16 0.00	23.43 0.99 0.00	19.81 0.75 -0.07	24.01 1.03 0.00	34.48 1.42 0.00	38.98 1.96 0.00	27.33 1.62 0.00	27.11 1.71 0.00	42.49 2.28 -13.49	44.98 2.50 -12.73	45.68 2.99 -7.21	49.45 2.97 -8.95	48.65 3.15 -6.85	45.87 2.88 -6.31	45.74 2.59 0.00	51.10 2.54 0.00	50.16 2.48 0.00	41.02 2.15 -0.52	39.68 1.71 0.00	40.93 1.89 -0.90	39.37 1.87 0.00	40.35 1.89 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.76 1.57 0.00	35.72 1.37 0.00	23.69 0.92 0.00	23.27 0.84 0.00	19.70 0.64 -0.06	23.89 0.92 0.00	34.56 1.50 0.00	39.11 2.09 0.00	27.28 1.57 0.00	27.08 1.68 0.00	28.66 1.94 0.00	32.10 2.17 -0.19	39.67 2.58 -1.61	40.24 2.70 0.00	41.59 2.95 0.00	39.34 2.67 0.00	45.70 2.56 0.00	51.40 2.84 0.00	50.43 2.75 0.00	40.45 2.10 0.00	39.66 1.69 0.00	39.95 1.79 0.00	39.28 1.77 0.00	40.15 1.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.99 1.80 0.00	35.93 1.58 0.00	23.83 1.05 0.00	23.40 0.97 0.00	19.80 0.74 -0.07	23.90 0.93 0.00	34.58 1.52 0.00	39.15 2.13 0.00	27.47 1.76 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.04 2.88 -1.68	40.55 3.01 0.00	41.88 3.23 0.00	39.61 2.94 0.00	45.91 2.77 0.00	51.46 2.89 0.00	50.44 2.76 0.00	40.50 2.14 0.00	39.73 1.77 0.00	40.08 1.93 0.00	39.45 1.94 0.00	40.31 1.84 0.00
W50THST__13_KV_LOAD 356117	38.24 2.05 0.00	36.16 1.81 0.00	23.98 1.21 0.00	23.55 1.12 0.00	19.93 0.87 -0.07	24.07 1.09 0.00	34.82 1.76 0.00	39.45 2.43 0.00	27.71 2.00 0.00	27.59 2.19 0.00	29.22 2.49 0.00	32.72 2.78 -0.20	40.40 3.24 -1.68	40.92 3.39 0.00	42.26 3.61 0.00	39.98 3.31 0.00	46.31 3.17 0.00	51.86 3.30 0.00	50.82 3.14 0.00	40.77 2.42 0.00	39.99 2.03 0.00	40.34 2.19 0.00	39.70 2.20 0.00	40.56 2.10 0.00
WADING RIVER_IC_1 23522	36.94 0.76 0.00	34.94 0.59 0.00	23.30 0.52 0.00	22.79 0.36 0.00	19.23 0.17 -0.07	23.34 0.36 0.00	33.51 0.45 0.00	37.92 0.90 0.00	26.64 0.93 0.00	26.39 0.99 0.00	40.44 1.50 -12.21	42.85 1.56 -11.55	43.98 1.82 -6.68	47.45 1.82 -8.10	46.90 2.06 -6.20	44.32 1.94 -5.71	44.57 1.43 0.00	49.60 1.04 0.00	48.75 1.08 0.00	39.90 1.08 -0.47	38.64 0.67 0.00	39.68 0.72 -0.81	38.27 0.76 0.00	39.13 0.67 0.00
WADING RIVER_IC_2 23547	36.94 0.76 0.00	34.94 0.59 0.00	23.30 0.52 0.00	22.79 0.36 0.00	19.23 0.17 -0.07	23.34 0.36 0.00	33.51 0.45 0.00	37.92 0.90 0.00	26.64 0.93 0.00	26.39 0.99 0.00	40.44 1.50 -12.21	42.85 1.56 -11.55	43.98 1.82 -6.68	47.45 1.82 -8.10	46.90 2.06 -6.20	44.32 1.94 -5.71	44.57 1.43 0.00	49.60 1.04 0.00	48.75 1.08 0.00	39.90 1.08 -0.47	38.64 0.67 0.00	39.68 0.72 -0.81	38.27 0.76 0.00	39.13 0.67 0.00
WADING RIVER_IC_3 23601	36.94 0.76 0.00	34.94 0.59 0.00	23.30 0.52 0.00	22.79 0.36 0.00	19.23 0.17 -0.07	23.34 0.36 0.00	33.51 0.45 0.00	37.92 0.90 0.00	26.64 0.93 0.00	26.39 0.99 0.00	40.44 1.50 -12.21	42.85 1.56 -11.55	43.98 1.82 -6.68	47.45 1.82 -8.10	46.90 2.06 -6.20	44.32 1.94 -5.71	44.57 1.43 0.00	49.60 1.04 0.00	48.75 1.08 0.00	39.90 1.08 -0.47	38.64 0.67 0.00	39.68 0.72 -0.81	38.27 0.76 0.00	39.13 0.67 0.00
WALDENNY_12_KV_BK2 80841	37.08 0.13 -0.76	35.18 0.23 -0.60	22.86 0.08 0.00	22.70 0.27 0.00	19.23 0.24 0.00	23.26 0.28 -0.01	33.29 -0.34 -0.58	37.78 -0.23 -1.00	26.03 0.11 -0.21	25.57 0.17 0.00	27.46 0.60 -0.14	31.01 0.79 -0.48	37.47 1.03 -0.96	39.77 1.10 -1.13	41.24 1.29 -1.31	39.02 1.24 -1.11	46.95 1.63 -2.18	53.29 1.53 -3.20	51.88 1.45 -2.75	41.18 0.95 -1.88	40.72 0.90 -1.85	40.86 0.95 -1.76	40.36 1.43 -1.43	41.34 1.58 -1.30
WALDEN___HYDRO 24148	37.54 1.35 0.00	35.52 1.17 0.00	23.58 0.80 0.00	23.16 0.73 0.00	19.60 0.55 -0.06	23.68 0.70 0.00	34.21 1.15 0.00	38.67 1.65 0.00	27.07 1.36 0.00	26.88 1.49 0.00	28.42 1.69 0.00	31.79 1.87 -0.18	39.17 2.19 -1.50	39.24 2.27 0.57	41.12 2.47 0.00	38.95 2.28 0.00	45.32 2.18 0.00	51.00 2.44 0.00	50.07 2.40 0.00	40.20 1.85 0.00	39.44 1.47 0.00	39.70 1.55 0.00	39.03 1.53 0.00	39.89 1.43 0.00
WARRENSBURG____ 23737	37.30 1.11 0.00	35.31 0.96 0.00	23.42 0.65 0.00	23.09 0.66 0.00	19.48 0.54 0.06	23.68 0.71 0.00	34.23 1.17 0.00	38.54 1.53 0.00	26.51 0.80 0.00	26.19 0.79 0.00	27.38 0.66 0.00	30.25 0.66 0.14	35.04 0.79 1.22	38.52 0.98 0.00	39.65 1.01 0.00	37.67 1.00 0.00	44.43 1.29 0.00	50.33 1.77 0.00	49.78 2.11 0.00	39.95 1.59 0.00	39.36 1.39 0.00	39.31 1.17 0.00	38.42 0.92 0.00	39.44 0.97 0.00
WATERSIDE___6 8 9 23538	37.96 1.78 0.00	35.91 1.56 0.00	23.85 1.08 0.00	23.40 0.97 0.00	19.79 0.73 -0.07	23.89 0.92 0.00	34.54 1.48 0.00	39.08 2.06 0.00	27.44 1.73 0.00	27.32 1.93 0.00	28.92 2.20 0.00	32.39 2.45 -0.20	40.06 2.90 -1.68	40.55 3.02 0.00	41.82 3.17 0.00	39.59 2.92 0.00	45.78 2.64 0.00	51.30 2.73 0.00	50.30 2.63 0.00	40.44 2.07 -0.01	39.71 1.72 -0.03	40.03 1.88 0.00	39.43 1.92 0.00	40.30 1.83 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.33 0.14 0.00	34.48 0.13 0.00	22.89 0.11 0.00	22.54 0.11 0.00	19.07 0.07 0.00	23.06 0.09 0.00	33.22 0.16 0.00	37.27 0.25 0.00	25.87 0.15 0.00	25.52 0.13 0.00	26.85 0.13 0.00	29.87 0.14 0.00	35.65 0.17 0.00	37.74 0.20 0.00	38.89 0.25 0.00	36.91 0.24 0.00	43.40 0.26 0.00	48.96 0.40 0.00	48.09 0.41 0.00	38.65 0.29 0.00	38.17 0.20 0.00	38.34 0.19 0.00	37.65 0.14 0.00	38.57 0.11 0.00

WDELAWARE___HYD 323627	36.73 0.54 0.00	34.74 0.39 0.00	23.06 0.28 0.00	22.64 0.21 0.00	19.16 0.12 -0.05	23.16 0.18 0.00	33.50 0.44 0.00	37.93 0.91 0.00	26.54 0.82 0.00	26.30 0.90 0.00	27.77 1.05 0.00	30.99 1.11 -0.15	37.96 1.25 -1.23	37.37 1.27 1.43	40.12 1.48 0.00	37.97 1.30 0.00	44.37 1.23 0.00	50.02 1.46 0.00	49.11 1.43 0.00	39.48 1.12 0.00	38.70 0.74 0.00	38.96 0.80 0.00	38.26 0.76 0.00	39.04 0.58 0.00
WEST BABYLON___IC 23714	38.11 1.92 0.00	36.05 1.70 0.00	23.93 1.16 0.00	23.43 0.99 0.00	19.81 0.75 -0.07	24.01 1.03 0.00	34.48 1.42 0.00	38.98 1.96 0.00	27.33 1.62 0.00	27.11 1.71 0.00	42.49 2.28 -13.49	44.98 2.50 -12.73	45.68 2.99 -7.21	49.45 2.97 -8.95	48.65 3.15 -6.85	45.87 2.88 -6.31	45.74 2.59 0.00	51.10 2.54 0.00	50.16 2.48 0.00	41.02 2.15 -0.52	39.68 1.71 0.00	40.93 1.89 -0.90	39.37 1.87 0.00	40.35 1.89 0.00
WEST CANADA___HYD 24049	36.22 0.04 0.00	34.39 0.04 0.00	22.84 0.07 0.00	22.50 0.07 0.00	19.03 0.04 0.00	23.01 0.03 0.00	33.12 0.07 0.00	37.17 0.15 0.00	25.80 0.09 0.00	25.47 0.08 0.00	26.80 0.08 0.00	29.83 0.09 0.00	35.58 0.11 0.00	37.67 0.13 0.00	38.82 0.17 0.00	36.83 0.16 0.00	43.27 0.13 0.00	48.78 0.22 0.00	47.91 0.24 0.00	38.51 0.15 0.00	38.04 0.08 0.00	38.22 0.07 0.00	37.54 0.03 0.00	38.47 0.00 0.00
WESTERN_NY_WIND 24143	37.55 0.61 -0.74	35.61 0.66 -0.59	23.16 0.38 0.00	22.95 0.52 0.00	19.47 0.48 0.00	23.59 0.61 -0.01	33.90 0.27 -0.57	38.49 0.49 -0.98	26.40 0.47 -0.21	25.72 0.31 0.00	27.47 0.61 -0.14	30.95 0.74 -0.48	37.39 0.97 -0.95	39.72 1.07 -1.12	41.16 1.23 -1.29	39.02 1.25 -1.10	47.09 1.81 -2.15	53.85 2.13 -3.16	52.70 2.31 -2.72	42.02 1.81 -1.85	41.48 1.69 -1.83	41.53 1.64 -1.73	40.98 2.06 -1.41	41.94 2.20 -1.28
WESTOVER___LESR 323668	37.20 0.09 -0.92	35.12 0.03 -0.73	22.81 0.04 0.00	22.55 0.12 0.00	19.06 0.06 0.00	23.06 0.07 -0.01	33.79 0.04 -0.69	38.35 0.23 -1.11	26.22 0.27 -0.24	25.60 0.19 0.00	27.16 0.29 -0.16	30.69 0.38 -0.57	37.34 0.50 -1.36	39.31 0.50 -1.26	40.97 0.86 -1.46	38.59 0.67 -1.25	46.38 0.80 -2.44	53.04 0.89 -3.59	51.60 0.84 -3.09	41.04 0.57 -2.11	40.52 0.48 -2.08	40.59 0.46 -1.97	39.56 0.45 -1.61	40.28 0.36 -1.46
WETHRSFD_WT_PWR 323626	36.91 -0.10 -0.82	34.99 -0.01 -0.65	22.71 -0.06 0.00	22.54 0.11 0.00	19.07 0.08 0.00	23.04 0.06 -0.01	33.11 -0.57 -0.62	37.56 -0.51 -1.05	25.81 -0.13 -0.23	25.23 -0.17 0.00	27.03 0.16 -0.15	30.56 0.31 -0.51	36.97 0.48 -1.01	39.22 0.49 -1.19	40.78 0.75 -1.38	38.58 0.72 -1.18	46.53 1.09 -2.30	52.97 1.02 -3.38	51.61 1.02 -2.91	41.07 0.73 -1.99	40.58 0.65 -1.96	40.67 0.66 -1.86	40.00 0.99 -1.51	40.89 1.06 -1.37
WHAVSTOR_138KV_BK127 55557	37.53 1.35 0.00	35.52 1.17 0.00	23.56 0.78 0.00	23.15 0.71 0.00	19.59 0.53 -0.06	23.65 0.68 0.00	34.18 1.13 0.00	38.66 1.64 0.00	27.07 1.36 0.00	26.89 1.50 0.00	28.47 1.75 0.00	31.88 1.95 -0.19	39.39 2.31 -1.62	39.95 2.41 0.00	41.28 2.63 0.00	39.04 2.37 0.00	45.32 2.18 0.00	50.96 2.39 0.00	50.01 2.33 0.00	40.13 1.77 0.00	39.35 1.38 0.00	39.65 1.50 0.00	39.00 1.50 0.00	39.88 1.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.53 1.35 0.00	35.52 1.17 0.00	23.56 0.78 0.00	23.15 0.71 0.00	19.59 0.53 -0.06	23.65 0.68 0.00	34.18 1.13 0.00	38.66 1.64 0.00	27.07 1.36 0.00	26.89 1.50 0.00	28.47 1.75 0.00	31.88 1.95 -0.19	39.39 2.31 -1.62	39.95 2.41 0.00	41.28 2.63 0.00	39.04 2.37 0.00	45.32 2.18 0.00	50.96 2.39 0.00	50.01 2.33 0.00	40.13 1.77 0.00	39.35 1.38 0.00	39.65 1.50 0.00	39.00 1.50 0.00	39.88 1.42 0.00
WHITEHAL_115KV_TB1 80871	38.58 2.40 0.00	36.09 1.74 0.00	23.82 1.04 0.00	23.45 1.02 0.00	19.83 0.89 0.06	24.19 1.22 0.00	35.30 2.24 0.00	39.73 2.71 0.00	27.06 1.35 0.00	26.88 1.48 0.00	27.91 1.19 0.00	30.79 1.20 0.15	35.56 1.34 1.26	39.24 1.70 0.00	40.43 1.78 0.00	38.19 1.52 0.00	45.03 1.89 0.00	51.26 2.70 0.00	51.22 3.54 0.00	41.01 2.66 0.00	40.50 2.53 0.00	40.15 1.99 0.00	39.12 1.61 0.00	40.35 1.88 0.00
WHITEPLN_13_KV_LOAD 356215	38.05 1.86 0.00	36.00 1.65 0.00	23.87 1.10 0.00	23.44 1.01 0.00	19.83 0.77 -0.07	23.95 0.98 0.00	34.65 1.59 0.00	39.23 2.21 0.00	27.49 1.78 0.00	27.34 1.94 0.00	28.93 2.21 0.00	32.41 2.46 -0.20	40.06 2.90 -1.68	40.59 3.06 0.00	41.93 3.28 0.00	39.68 3.01 0.00	46.06 2.92 0.00	51.72 3.16 0.00	50.76 3.08 0.00	40.74 2.38 0.00	39.93 1.96 0.00	40.22 2.07 0.00	39.53 2.03 0.00	40.39 1.92 0.00
WM_FLOYD_69_KV_BK2 356380	37.23 1.05 0.00	35.21 0.86 0.00	23.48 0.70 0.00	22.97 0.54 0.00	19.39 0.33 -0.07	23.53 0.55 0.00	33.79 0.73 0.00	38.23 1.21 0.00	26.86 1.15 0.00	26.59 1.19 0.00	40.67 1.71 -12.24	43.11 1.80 -11.57	44.25 2.08 -6.69	47.72 2.07 -8.11	47.21 2.35 -6.22	44.61 2.21 -5.73	44.91 1.77 0.00	50.00 1.44 0.00	49.16 1.48 0.00	40.23 1.41 -0.47	38.96 0.99 0.00	39.98 1.01 -0.81	38.57 1.06 0.00	39.43 0.97 0.00
WOODARD__115KV_TB2 355635	37.31 -0.36 -1.49	35.17 -0.36 -1.18	22.56 -0.22 0.00	22.25 -0.18 0.00	18.82 -0.17 0.00	22.80 -0.19 -0.01	33.91 -0.27 -1.12	38.58 -0.22 -1.78	25.93 -0.16 -0.38	25.15 -0.25 -0.01	26.73 -0.23 -0.25	30.39 -0.21 -0.86	36.97 -0.21 -1.71	39.36 -0.18 -2.01	40.90 -0.06 -2.31	38.60 -0.04 -1.98	47.01 0.01 -3.85	54.37 0.14 -5.67	52.72 0.17 -4.87	41.74 0.06 -3.33	41.21 -0.04 -3.28	41.16 -0.11 -3.11	39.87 -0.16 -2.54	40.50 -0.26 -2.29
WOODMERE_69_KV_BK1 55827	38.13 1.94 0.00	36.13 1.78 0.00	23.93 1.16 0.00	23.46 1.03 0.00	19.85 0.79 -0.07	24.03 1.05 0.00	34.52 1.46 0.00	38.95 1.93 0.00	27.30 1.59 0.00	27.13 1.73 0.00	48.76 2.27 -19.77	50.76 2.46 -18.56	48.21 2.95 -9.78	53.66 3.02 -13.10	51.90 3.21 -10.03	48.89 2.97 -9.25	45.91 2.77 0.00	51.42 2.86 0.00	50.47 2.80 0.00	41.47 2.36 -0.75	39.85 1.89 0.00	41.44 1.97 -1.31	39.37 1.87 0.00	40.36 1.89 0.00
YORK___WARBASSE 23770	37.99 1.80 0.00	35.92 1.57 0.00	23.92 1.14 0.00	23.43 0.99 0.00	19.78 0.72 -0.07	23.89 0.91 0.00	34.56 1.50 0.00	39.08 2.06 0.00	27.50 1.78 0.00	27.35 1.95 0.00	28.95 2.23 0.00	32.42 2.48 -0.20	40.24 3.08 -1.68	40.70 3.17 0.00	41.98 3.33 0.00	39.76 3.09 0.00	45.94 2.80 0.00	51.50 2.93 -0.01	50.52 2.84 0.00	40.69 2.24 -0.09	40.05 1.88 -0.20	40.22 2.07 0.00	39.62 2.11 0.00	40.49 2.03 0.00