

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/23/2025

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	36.92	31.63	28.73	29.32	31.43	33.59	33.06	33.42	33.67	34.05	34.73	33.79	38.73	44.26	46.70	49.55	51.03	51.83	51.86	58.05	58.10	55.55	44.49	37.58
24138	2.07	1.85	1.64	1.53	1.55	1.30	1.52	1.87	2.09	2.27	2.52	2.54	2.87	3.03	3.20	2.89	2.45	2.28	2.16	1.75	1.27	1.51	1.70	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.30	-0.12	1.11	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.96	31.67	28.77	29.37	31.46	33.63	33.06	33.40	33.66	34.03	34.70	33.76	38.69	44.20	46.65	49.52	51.07	51.94	52.00	58.22	58.31	55.76	44.63	37.63
24260	2.11	1.88	1.67	1.57	1.59	1.33	1.53	1.86	2.08	2.24	2.48	2.52	2.83	2.97	3.16	2.86	2.48	2.39	2.30	1.93	1.48	1.72	1.84	1.75
	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	1.11	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.96	31.67	28.77	29.37	31.46	33.63	33.06	33.40	33.66	34.03	34.70	33.76	38.69	44.20	46.65	49.52	51.07	51.94	52.00	58.22	58.31	55.76	44.63	37.63
24261	2.11	1.88	1.67	1.57	1.59	1.33	1.53	1.86	2.08	2.24	2.48	2.52	2.83	2.97	3.16	2.86	2.48	2.39	2.30	1.93	1.48	1.72	1.84	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.30	-0.12	1.11	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.67	31.40	28.63	29.30	31.44	33.74	33.08	32.98	32.72	32.64	32.82	31.88	36.03	41.29	44.03	47.73	49.56	50.95	51.74	59.07	59.80	56.94	44.73	37.81
24011	1.82	1.62	1.54	1.51	1.57	1.45	1.54	1.43	1.14	0.86	0.61	0.64	0.54	0.64	0.77	0.73	0.92	1.40	2.05	2.78	2.97	2.90	1.93	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.27	0.11	0.78	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.93	31.57	28.77	29.43	31.58	33.89	33.24	33.15	32.82	32.68	32.85	31.93	36.06	41.36	44.10	47.82	49.70	51.19	51.98	59.56	60.34	57.46	45.06	38.16
23798	2.07	1.79	1.68	1.64	1.71	1.59	1.70	1.60	1.24	0.90	0.64	0.69	0.57	0.70	0.84	0.82	1.06	1.64	2.29	3.27	3.51	3.42	2.27	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.27	0.11	0.78	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	36.67	31.40	28.63	29.30	31.44	33.74	33.08	32.98	32.72	32.64	32.82	31.88	36.03	41.29	44.03	47.73	49.56	50.95	51.74	59.07	59.80	56.94	44.73	37.81
24028	1.82	1.62	1.54	1.51	1.57	1.45	1.54	1.43	1.14	0.86	0.61	0.64	0.54	0.64	0.77	0.73	0.92	1.40	2.05	2.78	2.97	2.90	1.93	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.27	0.11	0.78	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	36.31	31.35	28.65	29.31	31.41	33.64	32.91	32.79	32.59	32.61	32.99	31.99	35.92	40.93	43.69	47.10	48.47	49.53	49.87	56.41	57.31	54.89	43.42	36.81
23527	1.46	1.56	1.56	1.52	1.53	1.34	1.37	1.24	1.00	0.83	0.78	0.75	0.64	0.61	0.56	0.14	-0.17	-0.02	0.17	0.12	0.48	0.85	0.62	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.61	0.25	0.81	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	35.08	30.23	27.67	28.36	30.40	32.55	31.83	31.84	31.75	31.83	32.24	31.07	35.12	40.15	42.73	46.03	47.51	48.45	48.72	55.08	55.63	53.14	42.12	35.48
24190	0.23	0.45	0.59	0.56	0.52	0.26	0.29	0.29	0.16	0.05	0.02	-0.17	-0.40	-0.55	-0.55	-0.93	-1.13	-1.10	-0.97	-1.21	-1.20	-0.90	-0.68	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.22	0.09	0.80	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	34.95	29.80	26.94	27.84	30.04	32.73	31.84	31.79	32.01	32.30	32.61	31.56	36.08	41.49	43.97	47.81	49.38	50.11	50.09	57.03	57.80	54.85	43.38	36.24
355683	0.09	0.02	-0.15	0.05	0.17	0.43	0.31	0.24	0.42	0.52	0.39	0.31	0.42	0.56	0.60	0.64	0.71	0.56	0.39	0.73	0.97	0.82	0.59	0.36
	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	0.60	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.19	30.63	28.09	28.80	30.88	33.11	32.33	32.21	31.91	31.59	31.87	30.80	34.90	40.03	42.64	41.90	47.05	47.92	48.54	55.25	55.94	53.42	42.26	35.54
323833	0.33	0.84	0.99	1.00	1.01	0.81	0.79	0.66	0.33	-0.20	-0.34	-0.45	-0.67	-0.75	-0.68	-1.15	-1.58	-1.63	-1.15	-1.04	-0.89	-0.62	-0.54	-0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15	0.06	4.72	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	35.17	30.62	28.08	28.79	30.87	33.11	32.33	32.20	31.90	31.58	31.87	30.79	34.89	40.02	42.63	41.88	47.03	47.91	48.53	55.23	55.92	53.40	42.24	35.53
323834	0.32	0.84	0.99	0.99	1.00	0.81	0.79	0.66	0.31	-0.21	-0.34	-0.46	-0.68	-0.76	-0.69	-1.17	-1.60	-1.64	-1.17	-1.07	-0.92	-0.64	-0.55	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15	0.06	4.72	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	35.08	30.23	27.67	28.36	30.40	32.55	31.83	31.84	31.75	31.83	32.24	31.07	35.12	40.15	42.73	46.03	47.51	48.45	48.72	55.08	55.63	53.14	42.12	35.48
23571	0.23	0.45	0.59	0.56	0.52	0.26	0.29	0.29	0.16	0.05	0.02	-0.17	-0.40	-0.55	-0.55	-0.93	-1.13	-1.10	-0.97	-1.21	-1.20	-0.90	-0.68	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.22	0.09	0.80	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	35.08 0.23 0.00	30.23 0.45 0.00	27.67 0.59 0.00	28.36 0.56 0.00	30.40 0.52 0.00	32.55 0.26 0.00	31.83 0.29 0.00	31.84 0.29 0.00	31.75 0.16 0.00	31.83 0.05 0.00	32.24 0.02 0.00	31.07 -0.17 0.00	35.12 -0.40 0.14	40.15 -0.55 0.22	42.73 -0.55 0.09	46.03 -0.93 0.80	47.51 -1.13 0.12	48.45 -1.10 0.00	48.72 -0.97 0.00	55.08 -1.21 0.00	55.63 -1.20 0.00	53.14 -0.90 0.00	42.12 -0.68 0.00	35.48 -0.40 0.00
ALBANY___3 23573	35.08 0.23 0.00	30.23 0.45 0.00	27.67 0.59 0.00	28.36 0.56 0.00	30.40 0.52 0.00	32.55 0.26 0.00	31.83 0.29 0.00	31.84 0.29 0.00	31.75 0.16 0.00	31.83 0.05 0.00	32.24 0.02 0.00	31.07 -0.17 0.00	35.12 -0.40 0.14	40.15 -0.55 0.22	42.73 -0.55 0.09	46.03 -0.93 0.80	47.51 -1.13 0.12	48.45 -1.10 0.00	48.72 -0.97 0.00	55.08 -1.21 0.00	55.63 -1.20 0.00	53.14 -0.90 0.00	42.12 -0.68 0.00	35.48 -0.40 0.00
ALBANY___4 23574	35.08 0.23 0.00	30.23 0.45 0.00	27.67 0.59 0.00	28.36 0.56 0.00	30.40 0.52 0.00	32.55 0.26 0.00	31.83 0.29 0.00	31.84 0.29 0.00	31.75 0.16 0.00	31.83 0.05 0.00	32.24 0.02 0.00	31.07 -0.17 0.00	35.12 -0.40 0.14	40.15 -0.55 0.22	42.73 -0.55 0.09	46.03 -0.93 0.80	47.51 -1.13 0.12	48.45 -1.10 0.00	48.72 -0.97 0.00	55.08 -1.21 0.00	55.63 -1.20 0.00	53.14 -0.90 0.00	42.12 -0.68 0.00	35.48 -0.40 0.00
ALBANY___LFGE 323615	35.42 0.57 0.00	30.49 0.71 0.00	27.90 0.81 0.00	28.57 0.78 0.00	30.64 0.77 0.00	32.82 0.52 0.00	32.11 0.57 0.00	32.10 0.56 0.00	32.02 0.44 0.00	32.12 0.33 0.00	32.54 0.33 0.00	31.42 0.17 0.00	35.55 0.04 0.16	40.64 -0.04 0.24	43.29 0.02 0.10	46.69 -0.28 0.80	48.24 -0.40 0.12	49.22 -0.34 0.00	49.52 -0.18 0.00	55.99 -0.30 0.00	56.51 -0.32 0.00	53.94 -0.10 0.00	42.73 -0.07 0.00	35.97 0.09 0.00
ALCOA_PA_115KV_PL-6C 55860	35.13 0.28 0.00	29.95 0.16 0.00	27.08 -0.01 0.00	27.98 0.19 0.00	30.21 0.33 0.00	32.91 0.62 0.00	32.03 0.49 0.00	31.99 0.44 0.00	32.19 0.60 0.00	32.48 0.70 0.00	32.77 0.56 0.00	31.70 0.46 0.00	36.25 0.59 0.00	41.69 0.76 0.00	44.19 0.82 0.00	47.83 0.83 0.77	49.51 0.87 0.12	50.22 0.67 0.00	50.23 0.53 0.00	57.25 0.95 0.00	58.12 1.29 0.00	55.29 1.25 0.00	43.73 0.93 0.00	36.48 0.60 0.00
ALCOA_RYNLDS___DRP 24188	35.13 0.28 0.00	29.95 0.16 0.00	27.08 -0.01 0.00	27.98 0.19 0.00	30.21 0.33 0.00	32.91 0.62 0.00	32.03 0.49 0.00	31.99 0.44 0.00	32.19 0.60 0.00	32.48 0.70 0.00	32.77 0.56 0.00	31.70 0.46 0.00	36.25 0.59 0.00	41.69 0.76 0.00	44.19 0.82 0.00	47.83 0.83 0.77	49.51 0.87 0.12	50.22 0.67 0.00	50.23 0.53 0.00	57.25 0.95 0.00	58.12 1.29 0.00	55.29 1.25 0.00	43.73 0.93 0.00	36.48 0.60 0.00
ALCOA___DSASP 323711	35.13 0.28 0.00	29.95 0.17 0.00	27.08 -0.01 0.00	27.98 0.19 0.00	30.21 0.34 0.00	32.91 0.61 0.00	32.03 0.49 0.00	31.98 0.44 0.00	32.19 0.60 0.00	32.48 0.69 0.00	32.77 0.56 0.00	31.70 0.46 0.00	36.25 0.59 0.00	41.69 0.76 0.00	44.19 0.82 0.00	47.83 0.83 0.77	49.51 0.87 0.12	50.22 0.67 0.00	50.23 0.54 0.00	57.25 0.95 0.00	58.12 1.29 0.00	55.29 1.25 0.00	43.73 0.93 0.00	36.48 0.60 0.00
ALLEGHENY___COGEN 23514	36.44 1.58 0.00	30.95 1.16 0.00	27.92 0.83 0.00	28.33 0.53 0.00	30.64 0.77 0.00	33.17 0.87 0.00	32.36 0.82 0.00	31.86 0.31 0.00	31.07 -0.51 0.00	31.37 -0.41 0.00	31.71 -0.51 0.00	30.76 -0.48 0.00	35.25 -0.42 0.00	40.11 -0.82 0.00	42.29 -1.08 0.00	41.56 -0.88 5.33	47.55 -0.36 0.85	49.55 0.00 0.00	50.25 0.56 0.00	58.54 2.24 0.00	59.56 2.73 0.00	56.01 1.97 0.00	44.11 1.31 0.00	37.55 1.67 0.00
ALTAMONT_115KV_TB 2 55880	35.31 0.45 0.00	30.36 0.58 0.00	27.76 0.68 0.00	28.44 0.65 0.00	30.50 0.63 0.00	32.71 0.42 0.00	31.96 0.42 0.00	31.98 0.43 0.00	31.91 0.32 0.00	32.01 0.22 0.00	32.46 0.24 0.00	31.41 0.17 0.00	35.68 0.10 0.09	40.82 0.03 0.15	43.40 0.08 0.06	46.98 -0.22 0.58	48.27 -0.37 0.12	49.23 -0.32 0.00	49.52 -0.17 0.00	56.04 -0.26 0.00	56.57 -0.26 0.00	53.99 -0.05 0.00	42.79 -0.01 0.00	36.02 0.13 0.00
ALTONA_WT_PWR 323606	35.94 1.08 0.00	30.67 0.89 0.00	27.67 0.58 0.00	28.37 0.58 0.00	30.61 0.73 0.00	33.36 1.06 0.00	32.61 1.08 0.00	32.72 1.18 0.00	32.79 1.20 0.00	33.06 1.27 0.00	33.34 1.12 0.00	32.21 0.97 0.00	36.60 0.93 0.00	41.95 1.02 0.00	44.21 0.84 0.00	47.91 0.73 0.59	49.50 0.83 0.09	50.32 0.77 0.00	50.14 0.45 0.00	57.19 0.89 0.00	58.00 1.16 0.00	55.17 1.13 0.00	43.53 0.74 0.00	36.37 0.49 0.00
AMERICAN_REF_FUEL 24010	34.06 -0.80 0.00	28.96 -0.83 0.00	26.09 -1.00 0.00	26.46 -1.34 0.00	28.70 -1.18 0.00	30.87 -1.43 0.00	29.70 -1.84 0.00	29.26 -2.29 0.00	29.22 -2.37 0.00	29.58 -2.20 0.00	29.68 -2.54 0.00	28.85 -2.40 0.00	33.49 -2.18 0.00	38.67 -2.25 0.00	40.67 -2.70 0.00	40.72 -2.16 4.88	46.11 -1.87 0.79	47.95 -1.60 0.00	48.30 -1.39 0.00	54.83 -1.46 0.00	54.76 -2.07 0.00	51.19 -2.85 0.00	40.87 -1.93 0.00	34.45 -1.43 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.95 0.09 0.00	29.59 -0.20 0.00	26.74 -0.35 0.00	26.99 -0.80 0.00	29.29 -0.59 0.00	31.63 -0.67 0.00	30.60 -0.94 0.00	30.40 -1.14 0.00	30.54 -1.04 0.00	30.98 -0.80 0.00	31.21 -1.00 0.00	30.38 -0.86 0.00	35.17 -0.49 0.00	40.64 -0.29 0.00	43.02 -0.36 0.00	42.96 0.28 5.09	48.97 1.03 0.81	50.69 1.14 0.00	51.09 1.39 0.00	58.13 1.84 0.00	58.34 1.50 0.00	54.46 0.42 0.00	43.18 0.38 0.00	35.86 -0.02 0.00
ARTHUR KILL_GT_1 23520	36.68 1.82 0.00	31.45 1.66 0.00	28.50 1.41 0.00	29.08 1.29 0.00	31.15 1.28 0.00	33.29 0.99 0.00	32.73 1.19 0.00	33.08 1.53 0.00	33.25 1.67 0.00	33.54 1.76 0.00	34.23 2.01 0.00	33.31 2.07 0.00	38.24 2.38 -0.20	43.63 2.40 -0.30	46.13 2.63 -0.12	48.80 2.14 1.11	50.27 1.69 0.17	51.16 1.61 0.00	51.11 1.41 0.00	57.20 0.90 0.00	57.48 0.65 0.00	54.98 0.94 0.00	44.31 1.52 0.00	37.34 1.46 0.00
ARTHUR_KILL_2 23512	36.56 1.70 0.00	31.35 1.57 0.00	28.41 1.32 0.00	29.00 1.21 0.00	31.06 1.18 0.00	33.18 0.89 0.00	32.63 1.09 0.00	32.97 1.42 0.00	33.14 1.56 0.00	33.44 1.65 0.00	34.13 1.91 0.00	33.21 1.97 0.00	38.13 2.26 -0.20	43.50 2.27 -0.30	45.96 2.47 -0.12	48.62 1.96 1.11	50.10 1.51 0.17	50.96 1.41 0.00	50.90 1.21 0.00	56.97 0.68 0.01	57.22 0.40 0.01	54.73 0.69 0.00	44.14 1.34 0.00	37.20 1.31 0.00
ARTHUR_KILL_3 23513	36.57 1.72 0.00	31.32 1.53 0.00	28.44 1.35 0.00	29.03 1.23 0.00	31.10 1.22 0.00	33.23 0.93 0.00	32.67 1.13 0.00	33.00 1.45 0.00	33.25 1.67 0.00	33.61 1.83 0.00	34.28 2.06 0.00	33.34 2.10 0.00	38.21 2.34 -0.20	43.66 2.43 -0.30	46.07 2.57 -0.12	48.86 2.21 1.11	50.38 1.79 0.17	51.25 1.69 0.00	51.30 1.60 0.00	57.37 1.07 0.00	57.42 0.59 0.00	55.00 0.95 0.00	44.10 1.30 0.00	37.19 1.31 0.00

ARTHUR_KILL_COGEN 323718	36.68 1.82 0.00	31.45 1.67 0.00	28.50 1.41 0.00	29.09 1.30 0.00	31.16 1.28 0.00	33.29 0.99 0.00	32.73 1.19 0.00	33.08 1.53 0.00	33.25 1.67 0.00	33.54 1.76 0.00	34.23 2.01 0.00	33.31 2.07 0.00	38.25 2.38 -0.20	43.64 2.41 -0.30	46.12 2.63 -0.12	48.80 2.14 1.11	50.29 1.70 0.17	51.15 1.60 0.00	51.10 1.41 0.00	57.20 0.91 0.01	57.47 0.64 0.01	54.96 0.92 0.00	44.32 1.52 0.00	37.33 1.45 0.00
ASHOKAN____ 23654	35.90 1.05 0.00	30.78 1.00 0.00	28.11 1.02 0.00	28.78 0.99 0.00	30.84 0.96 0.00	33.06 0.76 0.00	32.41 0.87 0.00	32.52 0.98 0.00	32.49 0.91 0.00	32.54 0.76 0.00	32.99 0.77 0.00	31.98 0.74 0.00	36.59 0.92 0.00	41.94 1.01 0.00	44.41 1.04 0.00	44.03 0.85 4.58	49.31 0.70 0.15	50.50 0.95 0.00	51.05 1.35 0.00	57.76 1.46 0.00	58.22 1.39 0.00	55.50 1.46 0.00	43.90 1.10 0.00	36.82 0.94 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.62 1.77 0.00	31.50 1.72 0.00	28.54 1.44 0.00	29.14 1.35 0.00	31.19 1.31 0.00	33.26 0.97 0.00	32.73 1.19 0.00	33.11 1.56 0.00	33.33 1.74 0.00	33.66 1.87 0.00	34.33 2.11 0.00	33.42 2.18 0.00	38.34 2.47 -0.20	43.67 2.44 -0.30	46.12 2.62 -0.12	48.82 2.16 1.11	50.29 1.70 0.17	51.25 1.70 0.00	51.24 1.55 0.00	57.30 0.99 -0.01	57.38 0.54 -0.01	54.92 0.87 -0.01	44.25 1.45 0.00	37.21 1.33 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.62 1.77 0.00	31.50 1.72 0.00	28.53 1.44 0.00	29.14 1.35 0.00	31.18 1.31 0.00	33.26 0.97 0.00	32.73 1.19 0.00	33.11 1.56 0.00	33.33 1.74 0.00	33.66 1.87 0.00	34.33 2.11 0.00	33.42 2.18 0.00	38.34 2.47 -0.20	43.67 2.44 -0.30	46.12 2.62 -0.12	48.82 2.16 1.11	50.29 1.70 0.17	51.25 1.70 0.00	51.24 1.55 0.00	57.30 0.99 -0.01	57.38 0.54 -0.01	54.92 0.87 -0.01	44.25 1.45 0.00	37.21 1.33 0.00
ASTORIA_GT2_1 24094	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT2_2 24095	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT2_3 24096	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT2_4 24097	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT3_1 24098	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT3_2 24099	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT3_3 24100	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT3_4 24101	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT4_1 24102	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT4_2 24103	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT4_3 24104	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00

ASTORIA_GT4_4 24105	36.64 1.78 0.00	31.51 1.72 0.00	28.54 1.45 0.00	29.13 1.34 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.34 2.13 0.00	33.44 2.20 0.00	38.35 2.49 -0.20	43.67 2.44 -0.30	46.15 2.65 -0.12	48.85 2.20 1.11	50.31 1.72 0.17	51.28 1.72 0.00	51.28 1.58 0.00	57.35 1.04 -0.02	57.42 0.58 -0.01	54.96 0.92 -0.01	44.27 1.48 0.00	37.23 1.34 0.00
ASTORIA_GT_1 23523	36.71 1.86 0.00	31.57 1.79 0.00	28.59 1.50 0.00	29.18 1.39 0.00	31.24 1.37 0.00	33.34 1.04 0.00	32.81 1.27 0.00	33.19 1.64 0.00	33.41 1.83 0.00	33.76 1.97 0.00	34.43 2.21 0.00	33.52 2.28 0.00	38.45 2.58 -0.20	43.78 2.55 -0.30	46.26 2.77 -0.12	48.98 2.33 1.11	50.44 1.85 0.17	51.41 1.86 0.00	51.40 1.71 0.00	57.49 1.18 -0.02	57.56 0.72 -0.01	55.10 1.05 -0.01	44.37 1.58 0.00	37.32 1.43 0.00
ASTORIA_GT_10 24110	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.43 0.00	29.11 1.32 0.00	31.17 1.30 0.00	33.27 0.98 0.00	32.75 1.21 0.00	33.12 1.58 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.25 0.00	38.38 2.51 -0.20	43.79 2.56 -0.30	46.23 2.73 -0.12	48.94 2.28 1.11	50.29 1.70 0.17	51.08 1.53 0.00	51.09 1.39 0.00	57.13 0.84 0.00	55.33 0.40 1.90	48.96 0.72 5.79	44.06 1.26 0.00	37.17 1.29 0.00
ASTORIA_GT_11 24225	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.43 0.00	29.11 1.32 0.00	31.17 1.30 0.00	33.27 0.98 0.00	32.75 1.21 0.00	33.12 1.58 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.25 0.00	38.38 2.51 -0.20	43.79 2.56 -0.30	46.23 2.73 -0.12	48.94 2.28 1.11	50.29 1.70 0.17	51.08 1.53 0.00	51.09 1.39 0.00	57.13 0.84 0.00	55.33 0.40 1.90	48.96 0.72 5.79	44.06 1.26 0.00	37.17 1.29 0.00
ASTORIA_GT_12 24226	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.43 0.00	29.11 1.32 0.00	31.17 1.30 0.00	33.27 0.98 0.00	32.75 1.21 0.00	33.12 1.58 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.25 0.00	38.38 2.51 -0.20	43.79 2.56 -0.30	46.23 2.73 -0.12	48.94 2.28 1.11	50.29 1.70 0.17	51.08 1.53 0.00	51.09 1.39 0.00	57.13 0.84 0.00	55.33 0.40 1.90	48.96 0.72 5.79	44.06 1.26 0.00	37.17 1.29 0.00
ASTORIA_GT_13 24227	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.43 0.00	29.11 1.32 0.00	31.17 1.30 0.00	33.27 0.98 0.00	32.75 1.21 0.00	33.12 1.58 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.25 0.00	38.38 2.51 -0.20	43.79 2.56 -0.30	46.23 2.73 -0.12	48.94 2.28 1.11	50.29 1.70 0.17	51.08 1.53 0.00	51.09 1.39 0.00	57.13 0.84 0.00	55.33 0.40 1.90	48.96 0.72 5.79	44.06 1.26 0.00	37.17 1.29 0.00
ASTORIA_GT_5 24106	36.71 1.86 0.00	31.57 1.79 0.00	28.59 1.50 0.00	29.18 1.39 0.00	31.24 1.37 0.00	33.34 1.04 0.00	32.81 1.27 0.00	33.19 1.64 0.00	33.41 1.83 0.00	33.76 1.97 0.00	34.43 2.21 0.00	33.52 2.28 0.00	38.45 2.58 -0.20	43.78 2.55 -0.30	46.26 2.77 -0.12	48.98 2.33 1.11	50.44 1.85 0.17	51.41 1.86 0.00	51.40 1.71 0.00	57.49 1.18 -0.02	57.56 0.72 -0.01	55.10 1.05 -0.01	44.37 1.58 0.00	37.32 1.43 0.00
ASTORIA_GT_7 24107	36.71 1.86 0.00	31.57 1.79 0.00	28.59 1.50 0.00	29.18 1.39 0.00	31.24 1.37 0.00	33.34 1.04 0.00	32.81 1.27 0.00	33.19 1.64 0.00	33.41 1.83 0.00	33.76 1.97 0.00	34.43 2.21 0.00	33.52 2.28 0.00	38.45 2.58 -0.20	43.78 2.55 -0.30	46.26 2.77 -0.12	48.98 2.33 1.11	50.44 1.85 0.17	51.41 1.86 0.00	51.40 1.71 0.00	57.49 1.18 -0.02	57.56 0.72 -0.01	55.10 1.05 -0.01	44.37 1.58 0.00	37.32 1.43 0.00
ASTORIA_GT_8 24108	36.71 1.86 0.00	31.57 1.79 0.00	28.59 1.50 0.00	29.18 1.39 0.00	31.24 1.37 0.00	33.34 1.04 0.00	32.81 1.27 0.00	33.19 1.64 0.00	33.41 1.83 0.00	33.76 1.97 0.00	34.43 2.21 0.00	33.52 2.28 0.00	38.45 2.58 -0.20	43.78 2.55 -0.30	46.26 2.77 -0.12	48.98 2.33 1.11	50.44 1.85 0.17	51.41 1.86 0.00	51.40 1.71 0.00	57.49 1.18 -0.02	57.56 0.72 -0.01	55.10 1.05 -0.01	44.37 1.58 0.00	37.32 1.43 0.00
ASTORIA___2 24149	36.63 1.78 0.00	31.51 1.73 0.00	28.54 1.45 0.00	29.14 1.35 0.00	31.20 1.33 0.00	33.27 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.76 0.00	33.68 1.89 0.00	34.35 2.13 0.00	33.43 2.19 0.00	38.35 2.49 -0.20	43.68 2.45 -0.30	46.14 2.65 -0.12	48.86 2.20 1.11	50.31 1.72 0.17	51.28 1.73 0.00	51.27 1.58 0.00	57.34 1.04 -0.01	57.42 0.58 -0.01	54.95 0.90 -0.01	44.28 1.48 0.00	37.23 1.35 0.00
ASTORIA___3 23516	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.42 0.00	29.12 1.32 0.00	31.18 1.31 0.00	33.27 0.97 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.24 0.00	38.38 2.52 -0.20	43.80 2.57 -0.30	46.23 2.73 -0.12	48.92 2.27 1.11	50.29 1.70 0.17	51.07 1.52 0.00	51.08 1.39 0.00	57.12 0.83 0.01	55.32 0.39 1.91	48.93 0.69 5.80	44.06 1.26 0.00	37.18 1.29 0.00
ASTORIA___4 23517	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.43 0.00	29.11 1.32 0.00	31.17 1.30 0.00	33.27 0.98 0.00	32.75 1.21 0.00	33.12 1.58 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.25 0.00	38.38 2.51 -0.20	43.79 2.56 -0.30	46.23 2.73 -0.12	48.94 2.28 1.11	50.29 1.70 0.17	51.08 1.53 0.00	51.09 1.39 0.00	57.13 0.84 0.00	55.33 0.40 1.90	48.96 0.72 5.79	44.05 1.26 0.00	37.17 1.29 0.00
ASTORIA___5 23518	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.42 0.00	29.12 1.32 0.00	31.18 1.31 0.00	33.27 0.97 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.24 0.00	38.38 2.52 -0.20	43.80 2.57 -0.30	46.23 2.73 -0.12	48.92 2.27 1.11	50.29 1.70 0.17	51.07 1.52 0.00	51.08 1.39 0.00	57.12 0.83 0.01	55.32 0.39 1.91	48.93 0.69 5.80	44.06 1.26 0.00	37.18 1.29 0.00
AST_ENERGY_2_CC3 323677	36.61 1.76 0.00	31.40 1.61 0.00	28.52 1.43 0.00	29.12 1.33 0.00	31.19 1.32 0.00	33.32 1.02 0.00	32.75 1.21 0.00	33.08 1.53 0.00	33.34 1.75 0.00	33.69 1.90 0.00	34.36 2.14 0.00	33.43 2.19 0.00	38.28 2.42 -0.20	43.75 2.52 -0.30	46.16 2.67 -0.12	48.95 2.30 1.11	50.48 1.89 0.17	51.34 1.79 0.00	51.41 1.71 0.00	57.56 1.26 0.00	57.63 0.80 0.00	55.12 1.08 0.00	44.17 1.38 0.00	37.28 1.40 0.00
AST_ENERGY_2_CC4 323678	36.61 1.76 0.00	31.40 1.61 0.00	28.52 1.43 0.00	29.12 1.33 0.00	31.19 1.32 0.00	33.32 1.02 0.00	32.75 1.21 0.00	33.08 1.53 0.00	33.34 1.75 0.00	33.69 1.90 0.00	34.36 2.14 0.00	33.43 2.19 0.00	38.28 2.42 -0.20	43.75 2.52 -0.30	46.16 2.67 -0.12	48.95 2.30 1.11	50.48 1.89 0.17	51.34 1.79 0.00	51.41 1.71 0.00	57.56 1.26 0.00	57.63 0.80 0.00	55.12 1.08 0.00	44.17 1.38 0.00	37.28 1.40 0.00

ATHENS_STG_1 23668	35.43 0.58 0.00	30.40 0.61 0.00	27.78 0.69 0.00	28.44 0.65 0.00	30.48 0.60 0.00	32.62 0.32 0.00	31.91 0.37 0.00	32.00 0.46 0.00	32.05 0.47 0.00	32.26 0.47 0.00	32.79 0.58 0.00	31.82 0.58 0.00	36.33 0.58 -0.08	41.57 0.52 -0.12	43.99 0.57 -0.05	47.01 0.25 1.00	48.65 0.04 0.15	49.57 0.02 0.00	49.77 0.08 0.00	56.15 -0.15 0.00	56.56 -0.28 0.00	54.02 -0.02 0.00	42.93 0.13 0.00	36.16 0.28 0.00
ATHENS_STG_2 23670	35.43 0.58 0.00	30.40 0.61 0.00	27.78 0.69 0.00	28.44 0.65 0.00	30.48 0.60 0.00	32.62 0.32 0.00	31.91 0.37 0.00	32.00 0.46 0.00	32.05 0.47 0.00	32.26 0.47 0.00	32.79 0.58 0.00	31.82 0.58 0.00	36.33 0.58 -0.08	41.57 0.52 -0.12	43.99 0.57 -0.05	47.01 0.25 1.00	48.65 0.04 0.15	49.57 0.02 0.00	49.77 0.08 0.00	56.15 -0.15 0.00	56.56 -0.28 0.00	54.02 -0.02 0.00	42.93 0.13 0.00	36.16 0.28 0.00
ATHENS_STG_3 23677	35.43 0.58 0.00	30.40 0.61 0.00	27.78 0.69 0.00	28.44 0.65 0.00	30.48 0.60 0.00	32.62 0.32 0.00	31.91 0.37 0.00	32.00 0.46 0.00	32.05 0.47 0.00	32.26 0.47 0.00	32.79 0.58 0.00	31.82 0.58 0.00	36.33 0.58 -0.08	41.57 0.52 -0.12	43.99 0.57 -0.05	47.01 0.25 1.00	48.65 0.04 0.15	49.57 0.02 0.00	49.77 0.08 0.00	56.15 -0.15 0.00	56.56 -0.28 0.00	54.02 -0.02 0.00	42.93 0.13 0.00	36.16 0.28 0.00
AUBURN___LFGE 323710	35.20 0.35 0.00	29.91 0.12 0.00	27.28 0.19 0.00	27.83 0.04 0.00	29.89 0.02 0.00	32.26 -0.04 0.00	31.59 0.05 0.00	31.56 0.02 0.00	31.43 -0.15 0.00	31.44 -0.34 0.00	31.85 -0.37 0.00	30.91 -0.33 0.00	35.40 -0.26 0.00	40.75 -0.18 0.00	43.44 0.06 0.00	38.07 -0.31 9.39	46.98 -0.38 1.41	49.39 -0.16 0.00	50.19 0.50 0.00	57.55 1.26 0.00	58.00 1.17 0.00	54.83 0.79 0.00	43.44 0.65 0.00	36.21 0.32 0.00
BABYLON_RES_REC 323704	36.99 2.14 0.00	31.62 1.83 0.00	28.61 1.52 0.00	29.21 1.41 0.00	31.26 1.39 0.00	33.44 1.14 0.00	32.69 1.16 0.00	32.99 1.44 0.00	33.22 1.63 0.00	33.70 1.92 0.00	34.91 2.63 -0.06	39.06 2.79 -5.03	43.53 2.74 -5.12	44.88 2.53 -1.42	45.81 2.31 -0.12	47.74 1.16 1.19	33.16 0.56 16.16	48.85 0.59 1.29	50.28 0.60 0.00	32.63 -0.01 23.65	32.64 -0.43 23.76	29.40 -0.05 24.60	26.26 0.64 17.18	31.83 1.05 5.09
BALL_HILL_WT_PWR 323825	34.69 -0.16 0.00	29.45 -0.34 0.00	26.58 -0.51 0.00	26.91 -0.88 0.00	29.15 -0.73 0.00	31.40 -0.89 0.00	30.39 -1.15 0.00	30.08 -1.47 0.00	30.12 -1.47 0.00	30.49 -1.29 0.00	30.72 -1.49 0.00	29.90 -1.34 0.00	34.64 -1.02 0.00	40.00 -0.93 0.00	42.20 -1.17 0.00	42.08 -0.66 5.03	47.92 -0.04 0.81	49.76 0.21 0.00	50.13 0.44 0.00	57.01 0.72 0.00	57.15 0.32 0.00	53.39 -0.65 0.00	42.43 -0.37 0.00	35.53 -0.35 0.00
BARON_WINDS___WT_PWR 323822	34.81 -0.05 0.00	29.63 -0.15 0.00	26.78 -0.31 0.00	27.08 -0.71 0.00	29.23 -0.64 0.00	31.64 -0.66 0.00	30.83 -0.71 0.00	30.54 -1.01 0.00	30.31 -1.28 0.00	30.53 -1.25 0.00	30.87 -1.34 0.00	29.96 -1.28 0.00	34.50 -1.17 0.00	39.71 -1.22 0.00	42.01 -1.36 0.00	40.87 -1.14 5.76	47.24 -0.62 0.91	49.04 -0.51 0.00	49.63 -0.06 0.00	56.76 0.46 0.00	57.28 0.44 0.00	53.54 -0.49 0.00	42.31 -0.48 0.00	35.48 -0.40 0.00
BARRETT_IC_1 23704	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_10 23701	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_11 23702	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_12 23703	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_2 23705	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_3 23706	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_4 23707	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_5 23708	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54

BARRETT_IC_6 23709	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_7 23710	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.08 1.21 0.00	33.24 0.94 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.67 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.82 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.34 1.68 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.92 0.00	58.79 0.34 -2.16	58.10 -0.14 -1.41	56.97 0.32 -2.61	45.49 0.87 -1.82	37.39 0.96 -0.54
BARRETT_IC_8 23711	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT_IC_9 23700	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT___1 23545	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BARRETT___2 23546	36.72 1.86 0.00	31.40 1.61 0.00	28.45 1.36 0.00	29.05 1.25 0.00	31.09 1.21 0.00	33.24 0.95 0.00	32.50 0.96 0.00	32.77 1.22 0.00	32.97 1.38 0.00	33.45 1.66 0.00	34.61 2.33 -0.06	38.70 2.42 -5.04	64.81 2.62 -26.53	44.94 2.59 -1.42	46.00 2.51 -0.12	48.30 1.64 1.11	51.05 1.05 -1.23	50.63 1.08 0.00	50.62 0.93 0.00	58.77 0.31 -2.16	58.10 -0.15 -1.41	56.95 0.30 -2.61	45.48 0.86 -1.82	37.39 0.97 -0.54
BATAVIA__115KV_TB1 55881	35.46 0.60 0.00	30.13 0.34 0.00	27.16 0.07 0.00	27.58 -0.21 0.00	29.86 -0.02 0.00	32.18 -0.12 0.00	31.16 -0.37 0.00	30.81 -0.73 0.00	30.66 -0.92 0.00	30.87 -0.91 0.00	31.01 -1.21 0.00	30.18 -1.06 0.00	35.66 -0.01 0.00	40.58 -0.35 0.00	42.78 -0.59 0.00	42.75 -0.20 4.82	48.42 0.45 0.78	50.54 0.99 0.00	51.22 1.53 0.00	58.61 2.31 0.00	58.78 1.94 0.00	55.04 1.01 0.00	43.62 0.83 0.00	36.49 0.61 0.00
BAYONEEC___CTG1 323682	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG10 323750	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG2 323683	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG3 323684	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG4 323685	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG5 323686	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG6 323687	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG7 323688	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00

BAYONEEC___CTG8 323689	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BAYONEEC___CTG9 323749	36.67 1.82 0.00	31.42 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.12 1.58 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.40 2.19 0.00	33.46 2.22 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.03 2.37 1.11	50.54 1.95 0.17	51.39 1.84 0.00	51.46 1.77 0.00	57.61 1.31 0.00	57.67 0.84 0.00	55.18 1.14 0.00	44.25 1.45 0.00	37.33 1.45 0.00
BEACON___LESR 323632	35.49 0.64 0.00	30.58 0.79 0.00	27.99 0.90 0.00	28.67 0.88 0.00	30.73 0.86 0.00	32.94 0.64 0.00	32.21 0.68 0.00	32.22 0.67 0.00	31.84 0.25 0.00	31.89 0.11 0.00	32.30 0.09 0.00	31.16 -0.08 0.00	35.21 -0.30 0.15	40.25 -0.44 0.24	42.84 -0.44 0.10	46.63 -0.33 0.81	48.24 -0.39 0.13	49.26 -0.29 0.00	49.58 -0.11 0.00	56.09 -0.21 0.00	56.59 -0.24 0.00	54.03 0.00 0.00	42.77 -0.02 0.00	36.00 0.12 0.00
BEAVER RIVER___HYD 24048	36.29 1.44 0.00	30.89 1.10 0.00	28.01 0.92 0.00	28.78 0.98 0.00	31.02 1.15 0.00	33.61 1.31 0.00	32.63 1.10 0.00	32.40 0.86 0.00	32.21 0.63 0.00	32.30 0.51 0.00	32.51 0.29 0.00	31.35 0.10 0.00	35.79 0.12 0.00	41.08 0.15 0.00	43.66 0.29 0.00	43.30 0.11 4.58	48.36 0.31 0.71	50.21 0.66 0.00	50.92 1.23 0.00	59.07 2.77 0.00	60.60 3.77 0.00	57.85 3.81 0.00	45.37 2.58 0.00	36.81 0.93 0.00
BEEBEE_GT_13 23619	34.96 0.11 0.00	29.76 -0.03 0.00	26.93 -0.16 0.00	27.45 -0.35 0.00	29.62 -0.25 0.00	31.91 -0.39 0.00	31.04 -0.50 0.00	30.88 -0.67 0.00	30.89 -0.70 0.00	31.22 -0.57 0.00	31.55 -0.66 0.00	30.69 -0.55 0.00	35.30 -0.36 0.00	40.87 -0.06 0.00	43.31 -0.07 0.00	43.08 -0.06 4.64	48.46 0.45 0.76	50.38 0.83 0.00	50.82 1.13 0.00	57.95 1.65 0.00	58.13 1.30 0.00	54.67 0.63 0.00	43.25 0.45 0.00	36.18 0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.00 2.14 0.00	31.72 1.93 0.00	28.74 1.65 0.00	29.32 1.53 0.00	31.40 1.53 0.00	33.55 1.25 0.00	33.01 1.47 0.00	33.38 1.84 0.00	33.62 2.04 0.00	33.97 2.18 0.00	34.67 2.45 0.00	33.75 2.50 0.00	38.72 2.86 -0.20	44.20 2.97 -0.30	46.70 3.21 -0.12	49.46 2.80 1.11	50.90 2.32 0.17	51.79 2.24 0.00	51.78 2.09 0.00	57.96 1.66 0.00	58.13 1.30 0.00	55.58 1.55 0.00	44.68 1.89 0.00	37.62 1.73 0.00
BETHLEHEM___GRP 23843	35.08 0.23 0.00	30.23 0.45 0.00	27.67 0.59 0.00	28.36 0.56 0.00	30.40 0.52 0.00	32.55 0.26 0.00	31.83 0.29 0.00	31.84 0.29 0.00	31.75 0.16 0.00	31.83 0.05 0.00	32.24 0.02 0.00	31.07 -0.17 0.00	35.12 -0.40 0.14	40.15 -0.55 0.22	42.73 -0.55 0.09	46.03 -0.93 0.80	47.51 -1.13 0.12	48.45 -1.10 0.00	48.72 -0.97 0.00	55.08 -1.21 0.00	55.63 -1.20 0.00	53.14 -0.90 0.00	42.12 -0.68 0.00	35.48 -0.40 0.00
BETHLEHEM___GS1 323560	35.08 0.23 0.00	30.23 0.45 0.00	27.67 0.58 0.00	28.36 0.56 0.00	30.40 0.52 0.00	32.55 0.26 0.00	31.83 0.29 0.00	31.84 0.29 0.00	31.75 0.16 0.00	31.83 0.05 0.00	32.24 0.02 0.00	31.07 -0.17 0.00	35.12 -0.40 0.14	40.15 -0.55 0.22	42.73 -0.55 0.09	46.03 -0.93 0.80	47.51 -1.13 0.12	48.45 -1.10 0.00	48.72 -0.97 0.00	55.08 -1.21 0.00	55.63 -1.21 0.00	53.14 -0.90 0.00	42.12 -0.67 0.00	35.48 -0.40 0.00
BETHLEHEM___GS2 323561	35.08 0.23 0.00	30.23 0.45 0.00	27.67 0.58 0.00	28.36 0.56 0.00	30.40 0.52 0.00	32.55 0.26 0.00	31.83 0.29 0.00	31.84 0.29 0.00	31.75 0.16 0.00	31.83 0.05 0.00	32.24 0.02 0.00	31.07 -0.17 0.00	35.12 -0.40 0.14	40.15 -0.55 0.22	42.73 -0.55 0.09	46.03 -0.93 0.80	47.51 -1.13 0.12	48.45 -1.10 0.00	48.72 -0.97 0.00	55.08 -1.21 0.00	55.63 -1.21 0.00	53.14 -0.90 0.00	42.12 -0.67 0.00	35.48 -0.40 0.00
BETHLEHEM___GS3 323562	35.08 0.23 0.00	30.23 0.45 0.00	27.67 0.58 0.00	28.36 0.56 0.00	30.40 0.52 0.00	32.55 0.26 0.00	31.83 0.29 0.00	31.84 0.29 0.00	31.75 0.16 0.00	31.83 0.05 0.00	32.24 0.02 0.00	31.07 -0.17 0.00	35.12 -0.40 0.14	40.15 -0.55 0.22	42.73 -0.55 0.09	46.03 -0.93 0.80	47.51 -1.13 0.12	48.45 -1.10 0.00	48.72 -0.97 0.00	55.08 -1.21 0.00	55.63 -1.21 0.00	53.14 -0.90 0.00	42.12 -0.67 0.00	35.48 -0.40 0.00
BETHLEHEM___STEEL 23779	34.74 -0.11 0.00	29.52 -0.26 0.00	26.61 -0.48 0.00	26.96 -0.83 0.00	29.20 -0.67 0.00	31.41 -0.89 0.00	30.37 -1.17 0.00	30.03 -1.52 0.00	30.07 -1.51 0.00	30.49 -1.30 0.00	30.67 -1.55 0.00	29.85 -1.40 0.00	34.61 -1.06 0.00	40.02 -0.91 0.00	42.16 -1.21 0.00	41.96 -0.81 5.00	47.86 -0.10 0.80	49.69 0.13 0.00	50.07 0.37 0.00	56.93 0.64 0.00	56.91 0.08 0.00	53.13 -0.90 0.00	42.28 -0.52 0.00	35.48 -0.40 0.00
BETHLHEM_115KV_TB1 79974	35.11 0.25 0.00	30.25 0.46 0.00	27.69 0.60 0.00	28.37 0.57 0.00	30.41 0.54 0.00	32.59 0.29 0.00	31.86 0.32 0.00	31.86 0.32 0.00	31.78 0.20 0.00	31.87 0.09 0.00	32.29 0.07 0.00	31.15 -0.09 0.00	35.25 -0.28 0.14	40.29 -0.42 0.21	42.88 -0.41 0.09	46.19 -0.77 0.80	47.67 -0.96 0.12	48.60 -0.95 0.00	48.88 -0.82 0.00	55.25 -1.04 0.00	55.78 -1.06 0.00	53.29 -0.75 0.00	42.24 -0.55 0.00	35.58 -0.30 0.00
BETHPAGE_CC_5 323564	36.94 2.09 0.00	31.57 1.78 0.00	28.58 1.49 0.00	29.18 1.39 0.00	31.23 1.36 0.00	33.41 1.11 0.00	32.68 1.14 0.00	32.97 1.42 0.00	33.21 1.63 0.00	33.64 1.86 0.00	34.79 2.51 -0.06	38.84 2.56 -5.03	44.21 2.79 -5.75	45.05 2.70 -1.42	46.05 2.56 -0.12	48.17 1.57 1.17	35.15 1.06 14.67	49.67 1.08 0.96	50.72 1.03 0.00	35.18 0.46 21.57	35.10 -0.02 21.71	31.96 0.34 22.42	27.93 0.79 15.66	32.18 0.94 4.64
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.80 -0.05 0.00	29.57 -0.22 0.00	26.64 -0.45 0.00	26.99 -0.80 0.00	29.24 -0.63 0.00	31.45 -0.85 0.00	30.43 -1.11 0.00	30.10 -1.44 0.00	30.15 -1.44 0.00	30.58 -1.20 0.00	30.77 -1.45 0.00	29.95 -1.30 0.00	34.73 -0.94 0.00	40.16 -0.77 0.00	42.33 -1.04 0.00	42.15 -0.60 5.02	48.09 0.13 0.81	49.89 0.34 0.00	50.27 0.58 0.00	57.15 0.86 0.00	57.11 0.28 0.00	53.31 -0.73 0.00	42.41 -0.39 0.00	35.59 -0.29 0.00
BINGHAMTON___COGEN 23790	34.94 0.09 0.00	29.85 0.06 0.00	27.17 0.08 0.00	27.76 -0.04 0.00	29.81 -0.07 0.00	32.10 -0.20 0.00	31.34 -0.20 0.00	31.30 -0.24 0.00	31.29 -0.30 0.00	31.48 -0.30 0.00	31.96 -0.25 0.00	31.06 -0.18 0.00	35.60 -0.07 0.00	40.88 -0.05 0.00	43.29 -0.08 0.00	41.20 -0.26 6.31	47.74 -0.04 0.98	49.58 0.03 0.00	49.98 0.29 0.00	56.89 0.59 0.00	57.38 0.55 0.00	54.27 0.23 0.00	42.99 0.19 0.00	36.01 0.13 0.00

BIXINCNT_115KV_LOAD 355685	34.97 0.11 0.00	29.66 -0.12 0.00	26.68 -0.41 0.00	26.94 -0.86 0.00	29.23 -0.64 0.00	31.57 -0.73 0.00	30.67 -0.87 0.00	30.47 -1.07 0.00	30.54 -1.04 0.00	30.98 -0.80 0.00	31.10 -1.12 0.00	30.16 -1.08 0.00	35.00 -0.67 0.00	40.39 -0.54 0.00	42.64 -0.73 0.00	42.49 -0.16 5.12	48.49 0.54 0.82	50.10 0.55 0.00	50.53 0.84 0.00	57.45 1.15 0.00	57.50 0.67 0.00	53.79 -0.24 0.00	42.82 0.03 0.00	36.00 0.12 0.00
BLACK RIVER___HYD 24047	36.66 1.81 0.00	31.14 1.36 0.00	28.22 1.13 0.00	29.00 1.21 0.00	31.25 1.38 0.00	33.83 1.54 0.00	32.88 1.34 0.00	32.54 1.00 0.00	32.26 0.67 0.00	32.31 0.53 0.00	32.47 0.26 0.00	31.25 0.00 0.00	35.64 -0.03 0.00	40.92 -0.01 0.00	43.53 0.16 0.00	40.82 -0.08 6.86	47.91 0.21 1.06	50.28 0.73 0.00	51.15 1.46 0.00	59.64 3.34 0.00	61.56 4.73 0.00	58.84 4.80 0.00	45.98 3.18 0.00	37.17 1.28 0.00
BLACKRVR_115KV_TB2 79977	36.66 1.81 0.00	31.14 1.35 0.00	28.22 1.13 0.00	29.00 1.21 0.00	31.25 1.38 0.00	33.83 1.54 0.00	32.88 1.34 0.00	32.54 1.00 0.00	32.26 0.67 0.00	32.31 0.53 0.00	32.48 0.26 0.00	31.25 0.01 0.00	35.64 -0.03 0.00	40.92 -0.01 0.00	43.53 0.16 0.00	40.82 -0.09 6.86	47.91 0.21 1.06	50.28 0.73 0.00	51.15 1.46 0.00	59.64 3.34 0.00	61.56 4.73 0.00	58.85 4.81 0.00	45.98 3.18 0.00	37.17 1.28 0.00
BLDWN_LI_69_KV_BK4 356085	37.03 2.17 0.00	31.63 1.84 0.00	28.63 1.55 0.00	29.23 1.44 0.00	31.29 1.42 0.00	33.47 1.18 0.00	32.74 1.20 0.00	33.03 1.48 0.00	33.27 1.69 0.00	33.76 1.98 0.00	34.91 2.63 -0.06	38.97 2.69 -5.04	49.81 2.96 -11.19	45.33 2.98 -1.42	46.44 2.94 -0.12	48.82 2.16 1.11	42.30 1.68 8.14	51.15 1.60 0.00	51.23 1.54 0.00	45.19 1.05 12.15	44.94 0.57 12.46	42.56 1.04 12.52	35.35 1.30 8.74	34.60 1.31 2.59
BLISS_WT_PWR 323608	34.94 0.09 0.00	29.63 -0.16 0.00	26.63 -0.46 0.00	26.85 -0.94 0.00	29.17 -0.70 0.00	31.54 -0.76 0.00	30.65 -0.88 0.00	30.47 -1.08 0.00	30.55 -1.04 0.00	31.01 -0.78 0.00	31.08 -1.13 0.00	30.12 -1.13 0.00	34.98 -0.68 0.00	40.34 -0.59 0.00	42.64 -0.74 0.00	42.63 -0.02 5.12	48.50 0.56 0.82	50.13 0.58 0.00	50.55 0.86 0.00	57.44 1.15 0.00	57.50 0.67 0.00	53.81 -0.22 0.00	42.81 0.02 0.00	36.00 0.11 0.00
BLUESTONE___WT_PWR 323821	36.30 1.44 0.00	31.08 1.29 0.00	28.26 1.17 0.00	28.86 1.07 0.00	30.48 0.61 0.00	32.97 0.68 0.00	32.21 0.67 0.00	31.83 0.28 0.00	32.82 1.23 0.00	33.69 1.90 0.00	33.97 1.76 0.00	33.12 1.87 0.00	37.98 2.32 0.00	43.19 2.21 -0.05	45.74 2.34 -0.03	46.56 2.35 3.56	50.82 2.61 0.55	52.45 2.90 0.00	52.79 3.10 0.00	60.40 4.11 0.00	60.64 3.81 0.00	56.70 2.66 0.00	44.40 1.60 0.00	36.79 0.91 0.00
BLUE_CIRC_CHEM_DRP 24182	34.85 0.00 0.00	30.40 0.62 0.00	27.88 0.79 0.00	28.58 0.79 0.00	30.66 0.79 0.00	32.87 0.58 0.00	32.10 0.57 0.00	32.02 0.48 0.00	31.78 0.19 0.00	31.44 -0.34 0.00	31.74 -0.48 0.00	30.66 -0.58 0.00	34.76 -0.82 0.09	39.82 -0.96 0.15	42.37 -0.94 0.06	41.70 -1.41 4.67	46.89 -1.74 0.13	47.76 -1.79 0.00	48.18 -1.51 0.00	54.66 -1.64 0.00	55.27 -1.56 0.00	52.80 -1.23 0.00	41.81 -0.98 0.00	35.20 -0.69 0.00
BOC_GAS_DRP 24189	35.15 0.30 0.00	30.25 0.46 0.00	27.68 0.59 0.00	28.36 0.57 0.00	30.40 0.53 0.00	32.59 0.29 0.00	31.85 0.31 0.00	31.88 0.33 0.00	31.83 0.25 0.00	31.93 0.15 0.00	32.40 0.18 0.00	31.36 0.11 0.00	35.61 0.03 0.09	40.72 -0.07 0.14	43.26 -0.06 0.06	46.81 -0.40 0.56	48.06 -0.58 0.12	48.96 -0.60 0.00	49.20 -0.49 0.00	55.61 -0.69 0.00	56.11 -0.72 0.00	53.58 -0.46 0.00	42.50 -0.30 0.00	35.79 -0.09 0.00
BOONVILLE_115KV_TB1 79983	36.03 1.18 0.00	30.75 0.97 0.00	27.95 0.86 0.00	28.65 0.86 0.00	30.83 0.96 0.00	33.35 1.05 0.00	32.48 0.95 0.00	32.37 0.82 0.00	32.23 0.65 0.00	32.34 0.56 0.00	32.69 0.47 0.00	31.63 0.38 0.00	36.13 0.46 0.00	41.48 0.56 0.00	44.08 0.71 0.00	45.09 0.62 3.30	49.07 0.81 0.51	50.68 1.13 0.00	51.25 1.56 0.00	58.83 2.53 0.00	59.76 2.93 0.00	56.84 2.80 0.00	44.71 1.91 0.00	36.84 0.96 0.00
BORALEX_4TH_BRANCH 23824	36.31 1.45 0.00	31.35 1.57 0.00	28.65 1.56 0.00	29.31 1.52 0.00	31.41 1.53 0.00	33.64 1.34 0.00	32.92 1.38 0.00	32.79 1.24 0.00	32.59 1.00 0.00	32.62 0.83 0.00	32.99 0.78 0.00	31.99 0.75 0.00	35.92 0.64 0.39	40.92 0.60 0.61	43.69 0.56 0.25	47.11 0.15 0.81	48.47 -0.16 0.13	49.53 -0.02 0.00	49.87 0.17 0.00	56.41 0.11 0.00	57.31 0.48 0.00	54.89 0.85 0.00	43.41 0.62 0.00	36.81 0.93 0.00
BOWLINE___1 23526	36.26 1.41 0.00	31.04 1.26 0.00	28.20 1.11 0.00	28.81 1.02 0.00	30.87 0.99 0.00	33.03 0.73 0.00	32.39 0.85 0.00	32.65 1.11 0.00	32.84 1.26 0.00	33.13 1.35 0.00	33.80 1.58 0.00	32.83 1.59 0.00	37.61 1.76 -0.18	43.00 1.78 -0.29	45.39 1.90 -0.12	48.18 1.55 1.15	49.85 1.27 0.18	50.81 1.26 0.00	50.94 1.25 0.00	57.17 0.88 0.00	57.40 0.57 0.00	54.85 0.82 0.00	43.78 0.98 0.00	36.92 1.04 0.00
BOWLINE___2 23595	36.23 1.37 0.00	31.03 1.24 0.00	28.20 1.11 0.00	28.80 1.01 0.00	30.87 0.99 0.00	33.01 0.71 0.00	32.37 0.84 0.00	32.62 1.08 0.00	32.82 1.23 0.00	33.12 1.34 0.00	33.78 1.56 0.00	32.82 1.57 0.00	37.59 1.74 -0.18	42.95 1.74 -0.29	45.34 1.85 -0.12	48.13 1.50 1.15	49.80 1.22 0.18	50.75 1.20 0.00	50.88 1.19 0.00	57.11 0.82 0.00	57.34 0.51 0.00	54.80 0.76 0.00	43.72 0.92 0.00	36.88 1.00 0.00
BRADY___115KV_TB2 356060	35.60 0.75 0.00	30.34 0.55 0.00	27.41 0.31 0.00	28.32 0.53 0.00	30.61 0.73 0.00	33.36 1.06 0.00	32.48 0.94 0.00	32.31 0.76 0.00	32.36 0.77 0.00	32.60 0.81 0.00	32.88 0.66 0.00	31.78 0.54 0.00	36.37 0.70 0.00	41.83 0.90 0.00	44.34 0.97 0.00	47.62 0.94 1.09	49.50 0.91 0.17	50.26 0.71 0.00	50.36 0.67 0.00	57.81 1.52 0.00	59.12 2.29 0.00	56.36 2.32 0.00	44.52 1.72 0.00	37.06 1.18 0.00
BRANSCOMB___SOLAR 323811	36.33 1.48 0.00	31.18 1.39 0.00	28.45 1.36 0.00	29.11 1.32 0.00	31.24 1.37 0.00	33.53 1.23 0.00	32.82 1.28 0.00	32.71 1.16 0.00	32.46 0.88 0.00	32.44 0.65 0.00	32.72 0.51 0.00	31.75 0.50 0.00	35.91 0.44 0.20	41.12 0.50 0.30	43.84 0.59 0.12	47.44 0.45 0.78	49.15 0.51 0.12	50.40 0.85 0.00	51.05 1.36 0.00	58.12 1.82 0.00	58.80 1.97 0.00	56.04 2.00 0.00	44.19 1.40 0.00	37.29 1.41 0.00
BRDGHMPT_69_KV_BK1 55812	37.62 2.76 0.00	32.19 2.40 0.00	29.10 2.01 0.00	29.69 1.89 0.00	31.75 1.87 0.00	33.97 1.67 0.00	33.20 1.66 0.00	33.55 2.01 0.00	33.83 2.24 0.00	34.48 2.70 0.00	35.90 3.63 -0.06	40.13 3.85 -5.03	43.74 4.08 -3.99	46.43 4.09 -1.42	47.30 3.80 -0.12	49.33 2.83 1.28	32.85 2.60 18.50	50.72 2.83 1.67	52.42 2.73 0.00	31.68 2.28 26.89	31.58 1.71 26.97	28.01 1.97 27.99	25.11 1.87 19.55	31.65 1.57 5.80

BRENTWOD_69_KV_W. BRTWOOD 56703	37.14 2.28 0.00	31.77 1.98 0.00	28.72 1.63 0.00	29.33 1.54 0.00	31.39 1.51 0.00	33.58 1.28 0.00	32.79 1.25 0.00	33.07 1.53 0.00	33.29 1.70 0.00	33.83 2.05 0.00	35.15 2.87 -0.06	39.29 3.01 -5.03	43.07 3.24 -4.17	45.55 3.21 -1.42	46.45 2.96 -0.12	48.29 1.84 1.32	31.60 1.19 18.34	48.67 1.22 2.10	50.92 1.23 0.00	30.66 0.74 26.37	30.70 0.32 26.44	27.40 0.79 27.44	24.64 1.01 19.17	31.27 1.07 5.68
BRISTLHL_115KV_TB1 79998	34.29 -0.56 0.00	29.27 -0.51 0.00	26.63 -0.46 0.00	27.22 -0.57 0.00	29.30 -0.57 0.00	31.60 -0.69 0.00	30.84 -0.70 0.00	30.79 -0.76 0.00	30.75 -0.83 0.00	30.91 -0.88 0.00	31.32 -0.90 0.00	30.41 -0.83 0.00	34.77 -0.89 0.00	39.98 -0.94 0.00	42.42 -0.95 0.00	34.44 -1.58 11.75	45.45 -1.50 1.81	48.27 -1.28 0.00	48.69 -1.00 0.00	55.70 -0.60 0.00	56.36 -0.47 0.00	53.46 -0.58 0.00	42.27 -0.53 0.00	35.40 -0.48 0.00
BROOKHAVEN___DRP 24191	36.75 1.90 0.00	31.46 1.68 0.00	28.44 1.35 0.00	29.03 1.24 0.00	31.06 1.18 0.00	33.21 0.91 0.00	32.42 0.88 0.00	32.73 1.18 0.00	32.95 1.37 0.00	33.52 1.73 0.00	34.83 2.55 -0.06	39.02 2.74 -5.03	42.46 2.81 -3.99	45.01 2.66 -1.42	45.89 2.39 -0.12	47.79 1.30 1.27	31.16 0.90 18.50	48.94 1.03 1.64	50.71 1.02 0.00	29.92 0.53 26.91	29.97 0.11 26.98	26.48 0.45 28.00	24.03 0.80 19.56	30.81 0.73 5.80
BROOKLYN_NAVY_YARD 23515	36.63 1.78 0.00	31.41 1.62 0.00	28.54 1.45 0.00	29.14 1.35 0.00	31.21 1.34 0.00	33.34 1.04 0.00	32.77 1.23 0.00	33.10 1.56 0.00	33.37 1.78 0.00	33.71 1.93 0.00	34.37 2.16 0.00	33.41 2.17 0.00	38.26 2.40 -0.20	43.78 2.55 -0.30	46.20 2.71 -0.12	48.99 2.33 1.11	50.51 1.93 0.17	51.39 1.84 0.00	51.43 1.74 0.00	57.57 1.28 0.00	57.67 0.84 0.00	55.22 1.18 0.00	44.25 1.46 0.00	37.31 1.43 0.00
BROOKLYN___ARMY_DRP 323595	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
BROOME_2_LFGE 323671	34.94 0.09 0.00	29.85 0.06 0.00	27.17 0.08 0.00	27.76 -0.04 0.00	29.81 -0.07 0.00	32.10 -0.20 0.00	31.34 -0.20 0.00	31.31 -0.24 0.00	31.28 -0.30 0.00	31.48 -0.31 0.00	31.97 -0.25 0.00	31.06 -0.18 0.00	35.60 -0.07 0.00	40.88 -0.04 0.00	43.29 -0.08 0.00	41.21 -0.24 6.31	47.74 -0.04 0.98	49.58 0.03 0.00	49.98 0.29 0.00	56.88 0.58 0.00	57.38 0.55 0.00	54.27 0.23 0.00	42.99 0.19 0.00	36.01 0.13 0.00
BROOME___LFGE 323600	34.94 0.09 0.00	29.85 0.06 0.00	27.17 0.08 0.00	27.76 -0.04 0.00	29.81 -0.07 0.00	32.10 -0.20 0.00	31.34 -0.20 0.00	31.31 -0.24 0.00	31.28 -0.30 0.00	31.48 -0.31 0.00	31.97 -0.25 0.00	31.06 -0.18 0.00	35.60 -0.07 0.00	40.88 -0.04 0.00	43.29 -0.08 0.00	41.21 -0.24 6.31	47.74 -0.04 0.98	49.58 0.03 0.00	49.98 0.29 0.00	56.88 0.58 0.00	57.38 0.55 0.00	54.27 0.23 0.00	42.99 0.19 0.00	36.01 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	35.85 0.99 0.00	30.52 0.73 0.00	27.63 0.54 0.00	28.46 0.66 0.00	30.71 0.84 0.00	33.36 1.06 0.00	32.43 0.89 0.00	32.27 0.72 0.00	32.20 0.62 0.00	32.37 0.58 0.00	32.60 0.38 0.00	31.47 0.22 0.00	35.95 0.28 0.00	41.30 0.37 0.00	43.89 0.52 0.00	44.88 0.30 3.19	48.60 0.33 0.49	49.99 0.44 0.00	50.45 0.76 0.00	58.21 1.91 0.00	59.59 2.76 0.00	56.96 2.92 0.00	44.84 2.05 0.00	36.76 0.88 0.00
BROWNSV1_27_KV_LOAD 356125	37.10 2.25 0.00	31.78 1.99 0.00	28.86 1.77 0.00	29.46 1.66 0.00	31.55 1.68 0.00	33.72 1.42 0.00	33.16 1.62 0.00	33.51 1.96 0.00	33.76 2.18 0.00	34.13 2.34 0.00	34.81 2.60 0.00	33.87 2.62 0.00	38.80 2.94 -0.20	44.35 3.12 -0.30	46.82 3.32 -0.12	49.71 3.05 1.11	51.25 2.66 0.17	52.14 2.59 0.00	52.20 2.50 0.00	58.45 2.15 0.00	58.53 1.70 0.00	55.99 1.95 0.00	44.83 2.03 0.00	37.80 1.91 0.00
BURROWS___LYONSDAL 23803	36.10 1.24 0.00	30.79 1.01 0.00	27.97 0.88 0.00	28.68 0.89 0.00	30.87 1.00 0.00	33.40 1.10 0.00	32.51 0.97 0.00	32.37 0.83 0.00	32.22 0.64 0.00	32.32 0.54 0.00	32.63 0.41 0.00	31.55 0.30 0.00	36.03 0.36 0.00	41.36 0.44 0.00	43.95 0.58 0.00	44.69 0.48 3.55	48.89 0.68 0.55	50.57 1.02 0.00	51.16 1.47 0.00	58.89 2.60 0.00	59.96 3.13 0.00	57.06 3.02 0.00	44.84 2.05 0.00	36.76 0.88 0.00
CAITHNESS_CC_1 323624	36.73 1.88 0.00	31.45 1.67 0.00	28.44 1.35 0.00	29.03 1.24 0.00	31.06 1.19 0.00	33.21 0.91 0.00	32.42 0.88 0.00	32.72 1.17 0.00	32.94 1.36 0.00	33.50 1.71 0.00	34.82 2.54 -0.06	38.99 2.72 -5.03	42.44 2.79 -3.98	45.00 2.65 -1.42	45.88 2.38 -0.12	47.73 1.23 1.27	31.09 0.83 18.50	48.85 0.91 1.61	50.60 0.91 0.00	29.77 0.39 26.92	29.83 -0.01 26.99	26.33 0.31 28.02	23.95 0.72 19.57	30.77 0.69 5.81
CALPINE BETH_PAGE_GT4 24209	36.91 2.05 0.00	31.54 1.75 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.20 1.32 0.00	33.38 1.08 0.00	32.65 1.11 0.00	32.92 1.38 0.00	33.17 1.59 0.00	33.63 1.84 0.00	34.76 2.49 -0.06	38.76 2.49 -5.03	44.90 2.72 -6.52	44.99 2.64 -1.42	46.02 2.52 -0.12	48.27 1.61 1.11	36.93 1.09 12.93	50.07 1.09 0.58	50.73 1.05 0.00	37.57 0.48 19.21	37.46 0.00 19.37	34.47 0.37 19.94	29.65 0.78 13.93	32.67 0.92 4.13
CALPINE_BETH_PAGE_GT_4 323586	36.91 2.05 0.00	31.54 1.75 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.20 1.33 0.00	33.38 1.08 0.00	32.65 1.11 0.00	32.92 1.38 0.00	33.17 1.59 0.00	33.62 1.84 0.00	34.77 2.49 -0.06	38.76 2.48 -5.03	44.90 2.72 -6.52	45.00 2.65 -1.42	46.02 2.52 -0.12	48.23 1.57 1.11	36.91 1.08 12.93	50.07 1.10 0.58	50.74 1.05 0.00	37.56 0.47 19.21	37.46 0.00 19.37	34.45 0.35 19.94	29.63 0.76 13.93	32.67 0.92 4.13
CALPINE_BP_GT1 23823	36.91 2.05 0.00	31.54 1.75 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.20 1.33 0.00	33.38 1.08 0.00	32.65 1.11 0.00	32.92 1.38 0.00	33.17 1.59 0.00	33.62 1.84 0.00	34.77 2.49 -0.06	38.76 2.48 -5.03	44.90 2.72 -6.52	45.00 2.65 -1.42	46.02 2.52 -0.12	48.23 1.57 1.11	36.91 1.08 12.93	50.07 1.10 0.58	50.74 1.05 0.00	37.56 0.47 19.21	37.46 0.00 19.37	34.45 0.35 19.94	29.63 0.76 13.93	32.67 0.92 4.13
CALSPAN___DRP 24200	34.74 -0.11 0.00	29.52 -0.26 0.00	26.61 -0.48 0.00	26.96 -0.83 0.00	29.20 -0.67 0.00	31.41 -0.89 0.00	30.37 -1.17 0.00	30.03 -1.52 0.00	30.07 -1.51 0.00	30.49 -1.30 0.00	30.67 -1.55 0.00	29.85 -1.40 0.00	34.61 -1.06 0.00	40.02 -0.91 0.00	42.16 -1.21 0.00	41.96 -0.81 5.00	47.86 -0.10 0.80	49.69 0.13 0.00	50.07 0.37 0.00	56.93 0.64 0.00	56.91 0.08 0.00	53.13 -0.90 0.00	42.28 -0.52 0.00	35.48 -0.40 0.00

CALVERTON___SOLAR 323806	36.82 1.97 0.00	31.52 1.73 0.00	28.49 1.40 0.00	29.08 1.29 0.00	31.10 1.22 0.00	33.27 0.97 0.00	32.48 0.94 0.00	32.79 1.24 0.00	33.02 1.43 0.00	33.58 1.79 0.00	34.92 2.64 -0.06	39.11 2.83 -5.03	42.54 2.89 -3.99	45.11 2.76 -1.42	45.98 2.49 -0.12	47.85 1.35 1.27	31.28 1.02 18.50	49.13 1.23 1.65	50.92 1.23 0.00	30.12 0.72 26.90	30.16 0.31 26.97	26.61 0.57 28.00	24.14 0.90 19.56	30.88 0.80 5.80
CANDIGU_WT_PWR 323617	34.81 -0.05 0.00	29.63 -0.15 0.00	26.78 -0.31 0.00	27.08 -0.71 0.00	29.23 -0.64 0.00	31.64 -0.66 0.00	30.83 -0.71 0.00	30.54 -1.01 0.00	30.31 -1.28 0.00	30.53 -1.25 0.00	30.87 -1.34 0.00	29.96 -1.28 0.00	34.50 -1.17 0.00	39.71 -1.22 0.00	42.01 -1.36 0.00	40.87 -1.14 5.76	47.24 -0.62 0.91	49.04 -0.51 0.00	49.63 -0.06 0.00	56.76 0.46 0.00	57.28 0.44 0.00	53.54 -0.49 0.00	42.31 -0.48 0.00	35.48 -0.40 0.00
CARR STREET_E_SYR 24060	34.50 -0.36 0.00	29.45 -0.34 0.00	26.80 -0.30 0.00	27.41 -0.38 0.00	29.46 -0.41 0.00	31.77 -0.53 0.00	31.02 -0.51 0.00	31.00 -0.54 0.00	30.97 -0.62 0.00	31.16 -0.63 0.00	31.61 -0.60 0.00	30.70 -0.54 0.00	35.14 -0.53 0.00	40.41 -0.52 0.00	42.89 -0.48 0.00	36.50 -0.98 10.29	46.30 -0.87 1.59	48.88 -0.67 0.00	49.30 -0.40 0.00	56.31 0.01 0.00	56.87 0.04 0.00	53.90 -0.15 0.00	42.63 -0.17 0.00	35.68 -0.21 0.00
CARTHAGE___PAPER 23857	36.67 1.82 0.00	31.18 1.39 0.00	28.25 1.16 0.00	29.04 1.24 0.00	31.30 1.43 0.00	33.91 1.61 0.00	32.95 1.41 0.00	32.66 1.12 0.00	32.40 0.82 0.00	32.44 0.65 0.00	32.60 0.38 0.00	31.38 0.14 0.00	35.81 0.14 0.00	41.13 0.20 0.00	43.72 0.36 0.00	41.94 0.16 5.98	48.25 0.41 0.92	50.44 0.89 0.00	51.29 1.60 0.00	59.71 3.41 0.00	61.44 4.61 0.00	58.70 4.66 0.00	46.04 3.24 0.00	37.20 1.32 0.00
CASSADAGA_WT_PWR 323784	35.18 0.32 0.00	29.78 -0.01 0.00	26.89 -0.20 0.00	27.13 -0.66 0.00	29.47 -0.41 0.00	31.86 -0.44 0.00	30.82 -0.72 0.00	30.73 -0.81 0.00	30.93 -0.65 0.00	31.41 -0.38 0.00	31.65 -0.56 0.00	30.80 -0.45 0.00	35.61 -0.06 0.00	41.14 0.21 0.00	43.60 0.23 0.00	43.58 0.92 5.11	49.63 1.68 0.82	51.13 1.58 0.00	51.55 1.86 0.00	58.64 2.35 0.00	58.82 1.99 0.00	54.94 0.90 0.00	43.55 0.76 0.00	36.16 0.28 0.00
CE_DUNWOOD___DRP 24194	36.47 1.62 0.00	31.25 1.46 0.00	28.40 1.31 0.00	29.01 1.22 0.00	31.08 1.20 0.00	33.23 0.93 0.00	32.62 1.08 0.00	32.89 1.35 0.00	33.09 1.50 0.00	33.42 1.63 0.00	34.10 1.88 0.00	33.15 1.91 0.00	37.98 2.12 -0.20	43.41 2.18 -0.30	45.81 2.31 -0.12	48.63 1.98 1.11	50.22 1.63 0.17	51.15 1.60 0.00	51.25 1.55 0.00	57.49 1.19 0.00	57.67 0.83 0.00	55.12 1.09 0.00	44.04 1.24 0.00	37.14 1.26 0.00
CE_MILLWOOD___DRP 24193	36.39 1.54 0.00	31.17 1.38 0.00	28.33 1.24 0.00	28.94 1.15 0.00	31.01 1.14 0.00	33.16 0.87 0.00	32.54 1.00 0.00	32.81 1.26 0.00	32.99 1.40 0.00	33.30 1.52 0.00	33.98 1.76 0.00	33.03 1.78 0.00	37.83 1.97 -0.19	43.25 2.02 -0.30	45.65 2.15 -0.12	48.46 1.81 1.12	50.09 1.50 0.17	51.02 1.47 0.00	51.13 1.44 0.00	57.38 1.08 0.00	57.58 0.75 0.00	55.04 1.00 0.00	43.94 1.15 0.00	37.06 1.18 0.00
CE_NYC2_DRP 24202	36.62 1.77 0.00	31.46 1.68 0.00	28.54 1.44 0.00	29.12 1.33 0.00	31.19 1.31 0.00	33.31 1.01 0.00	32.77 1.24 0.00	33.15 1.60 0.00	33.42 1.83 0.00	33.76 1.97 0.00	34.44 2.23 0.00	33.52 2.28 0.00	38.41 2.55 -0.20	43.84 2.60 -0.30	46.27 2.78 -0.12	48.99 2.34 1.11	50.36 1.77 0.17	51.17 1.62 0.00	51.17 1.47 0.00	57.23 0.93 0.00	55.42 0.49 1.90	49.04 0.79 5.79	44.10 1.31 0.00	37.20 1.32 0.00
CE_NYC_DRP 24195	36.72 1.86 0.00	31.46 1.67 0.00	28.58 1.49 0.00	29.17 1.38 0.00	31.25 1.38 0.00	33.40 1.10 0.00	32.83 1.29 0.00	33.16 1.61 0.00	33.41 1.83 0.00	33.78 1.99 0.00	34.45 2.24 0.00	33.51 2.27 0.00	38.41 2.54 -0.20	43.89 2.66 -0.30	46.31 2.82 -0.12	49.13 2.47 1.11	50.65 2.06 0.17	51.53 1.98 0.00	51.57 1.88 0.00	57.74 1.45 0.00	57.82 0.99 0.00	55.32 1.28 0.00	44.31 1.51 0.00	37.38 1.50 0.00
CHAFFEE___LFGE 323603	34.88 0.03 0.00	29.64 -0.15 0.00	26.71 -0.38 0.00	27.08 -0.71 0.00	29.32 -0.55 0.00	31.55 -0.75 0.00	30.47 -1.08 0.00	30.18 -1.36 0.00	30.24 -1.34 0.00	30.66 -1.12 0.00	30.85 -1.36 0.00	30.03 -1.21 0.00	34.83 -0.84 0.00	40.26 -0.67 0.00	42.42 -0.95 0.00	42.32 -0.38 5.06	48.20 0.25 0.81	50.03 0.49 0.00	50.44 0.75 0.00	57.35 1.05 0.00	57.30 0.47 0.00	53.50 -0.54 0.00	42.53 -0.26 0.00	35.69 -0.19 0.00
CHATEAUG_35_KV_LOAD 355732	35.20 0.35 0.00	30.00 0.21 0.00	27.07 -0.03 0.00	27.89 0.10 0.00	30.11 0.24 0.00	32.85 0.55 0.00	32.02 0.48 0.00	31.98 0.44 0.00	32.14 0.55 0.00	32.43 0.65 0.00	32.73 0.51 0.00	31.66 0.42 0.00	36.13 0.46 0.00	41.51 0.59 0.00	43.93 0.56 0.00	47.63 0.54 0.68	49.29 0.63 0.10	50.13 0.58 0.00	50.08 0.39 0.00	57.12 0.83 0.00	58.02 1.19 0.00	55.17 1.13 0.00	43.46 0.66 0.00	36.18 0.29 0.00
CHATEAUG_WT_PWR 323614	35.21 0.36 0.00	30.02 0.23 0.00	27.09 0.00 0.00	27.89 0.09 0.00	30.11 0.24 0.00	32.84 0.54 0.00	32.02 0.48 0.00	32.03 0.48 0.00	32.19 0.61 0.00	32.48 0.69 0.00	32.78 0.57 0.00	31.71 0.46 0.00	36.16 0.50 0.00	41.53 0.60 0.00	43.92 0.55 0.00	47.72 0.52 0.57	49.28 0.60 0.09	50.10 0.55 0.00	50.04 0.35 0.00	57.03 0.73 0.00	57.84 1.01 0.00	54.97 0.93 0.00	43.35 0.56 0.00	36.15 0.26 0.00
CHAT_HIGH_FALL_HYD 323578	35.20 0.35 0.00	30.00 0.21 0.00	27.07 -0.03 0.00	27.89 0.10 0.00	30.11 0.24 0.00	32.85 0.55 0.00	32.02 0.48 0.00	31.98 0.44 0.00	32.14 0.55 0.00	32.43 0.65 0.00	32.73 0.51 0.00	31.66 0.42 0.00	36.13 0.46 0.00	41.51 0.59 0.00	43.93 0.56 0.00	47.63 0.54 0.68	49.29 0.63 0.10	50.13 0.58 0.00	50.08 0.39 0.00	57.12 0.83 0.00	58.02 1.19 0.00	55.17 1.13 0.00	43.46 0.66 0.00	36.18 0.29 0.00
CHAUTAUQUA___LFGE 323629	34.88 0.03 0.00	29.58 -0.21 0.00	26.71 -0.38 0.00	27.02 -0.78 0.00	29.27 -0.60 0.00	31.58 -0.72 0.00	30.58 -0.96 0.00	30.29 -1.25 0.00	30.36 -1.23 0.00	30.72 -1.06 0.00	30.98 -1.24 0.00	30.15 -1.10 0.00	34.93 -0.74 0.00	40.32 -0.61 0.00	42.61 -0.76 0.00	42.51 -0.21 5.05	48.45 0.50 0.81	50.33 0.78 0.00	50.71 1.02 0.00	57.70 1.40 0.00	57.94 1.11 0.00	54.11 0.08 0.00	42.93 0.14 0.00	35.81 -0.07 0.00
CHERRYST_13_KV_LD 356241	36.82 1.97 0.00	31.54 1.76 0.00	28.65 1.56 0.00	29.25 1.46 0.00	31.34 1.47 0.00	33.50 1.20 0.00	32.94 1.40 0.00	33.29 1.75 0.00	33.56 1.98 0.00	33.92 2.13 0.00	34.60 2.39 0.00	33.66 2.41 0.00	38.58 2.72 -0.20	44.10 2.86 -0.30	46.52 3.03 -0.12	49.37 2.71 1.11	50.89 2.30 0.17	51.76 2.21 0.00	51.79 2.10 0.00	57.96 1.67 0.00	58.03 1.20 0.00	55.51 1.47 0.00	44.46 1.67 0.00	37.49 1.61 0.00

CHESTROR_138KV_BK263 355645	36.08 1.22 0.00	30.87 1.09 0.00	28.07 0.98 0.00	28.69 0.90 0.00	30.75 0.88 0.00	32.94 0.64 0.00	32.28 0.74 0.00	32.49 0.95 0.00	32.63 1.05 0.00	32.89 1.11 0.00	33.52 1.30 0.00	32.56 1.31 0.00	37.29 1.46 -0.17	42.66 1.48 -0.26	45.07 1.60 -0.10	47.88 1.31 1.19	49.66 1.09 0.18	50.67 1.12 0.00	50.85 1.16 0.00	57.22 0.92 0.00	57.49 0.66 0.00	54.87 0.83 0.00	43.70 0.90 0.00	36.81 0.92 0.00
CH_MIDHUDSON___DRP 24192	36.29 1.43 0.00	31.09 1.31 0.00	28.32 1.23 0.00	28.96 1.16 0.00	31.01 1.13 0.00	33.16 0.87 0.00	32.54 1.00 0.00	32.75 1.20 0.00	32.89 1.31 0.00	33.17 1.39 0.00	33.79 1.57 0.00	32.83 1.59 0.00	37.57 1.76 -0.14	42.96 1.81 -0.22	45.43 1.97 -0.09	48.38 1.70 1.09	50.09 1.50 0.17	51.11 1.56 0.00	51.29 1.59 0.00	57.65 1.36 0.00	57.88 1.05 0.00	55.27 1.23 0.00	43.99 1.20 0.00	37.05 1.17 0.00
CH_MISC_IPPS 23765	36.52 1.67 0.00	31.26 1.47 0.00	28.45 1.36 0.00	29.07 1.28 0.00	31.14 1.27 0.00	33.32 1.03 0.00	32.70 1.16 0.00	32.93 1.38 0.00	33.08 1.49 0.00	33.37 1.58 0.00	34.00 1.79 0.00	33.06 1.82 0.00	37.86 2.04 -0.16	43.29 2.12 -0.24	45.78 2.32 -0.10	48.76 2.10 1.11	50.55 1.96 0.17	51.59 2.04 0.00	51.76 2.06 0.00	58.18 1.89 0.00	58.40 1.57 0.00	55.72 1.68 0.00	44.33 1.53 0.00	37.30 1.42 0.00
CH_RES_BVR_FALLS 23983	34.82 -0.04 0.00	29.74 -0.04 0.00	26.98 -0.11 0.00	27.77 -0.03 0.00	29.90 0.02 0.00	32.38 0.09 0.00	31.58 0.04 0.00	31.55 0.01 0.00	31.67 0.08 0.00	31.90 0.11 0.00	32.28 0.06 0.00	31.25 0.01 0.00	35.68 0.02 0.00	40.97 0.04 0.00	43.43 0.06 0.00	47.26 -0.02 0.49	48.71 0.03 0.07	49.54 -0.01 0.00	49.64 -0.05 0.00	56.39 0.10 0.00	57.04 0.21 0.00	54.16 0.12 0.00	42.77 -0.03 0.00	35.68 -0.20 0.00
CH_RES_NIAGARA 23895	33.86 -1.00 0.00	28.83 -0.96 0.00	25.97 -1.12 0.00	26.33 -1.46 0.00	28.55 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.43 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.18 0.00	38.75 -2.18 0.00	40.50 -2.87 0.00	40.07 -2.85 4.85	45.76 -2.22 0.78	47.65 -1.90 0.00	47.97 -1.72 0.00	54.45 -1.84 0.00	54.31 -2.52 0.00	50.77 -3.27 0.00	40.56 -2.23 0.00	34.39 -1.49 0.00
CH_RES_SYRACUSE 23985	34.72 -0.13 0.00	29.62 -0.16 0.00	26.96 -0.13 0.00	27.58 -0.22 0.00	29.64 -0.23 0.00	31.96 -0.33 0.00	31.24 -0.30 0.00	31.21 -0.34 0.00	31.14 -0.45 0.00	31.29 -0.49 0.00	31.74 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.58 -0.35 0.00	43.12 -0.25 0.00	36.62 -0.75 10.40	46.49 -0.67 1.60	49.09 -0.46 0.00	49.59 -0.10 0.00	56.68 0.39 0.00	57.26 0.43 0.00	54.25 0.22 0.00	42.91 0.12 0.00	35.89 0.01 0.00
CLINTON_WT_PWR 323605	35.21 0.36 0.00	30.02 0.23 0.00	27.09 0.00 0.00	27.89 0.09 0.00	30.11 0.24 0.00	32.84 0.54 0.00	32.02 0.48 0.00	32.03 0.48 0.00	32.19 0.61 0.00	32.48 0.69 0.00	32.78 0.57 0.00	31.71 0.46 0.00	36.16 0.50 0.00	41.53 0.60 0.00	43.92 0.55 0.00	47.72 0.52 0.57	49.28 0.60 0.09	50.10 0.55 0.00	50.04 0.35 0.00	57.03 0.73 0.00	57.84 1.01 0.00	54.97 0.93 0.00	43.35 0.56 0.00	36.15 0.26 0.00
CLINTON___LFGE 323618	35.96 1.11 0.00	30.67 0.89 0.00	27.66 0.56 0.00	28.38 0.59 0.00	30.65 0.77 0.00	33.42 1.12 0.00	32.65 1.11 0.00	32.70 1.15 0.00	32.76 1.18 0.00	33.04 1.25 0.00	33.32 1.10 0.00	32.19 0.95 0.00	36.61 0.95 0.00	41.99 1.07 0.00	44.30 0.92 0.00	48.03 0.86 0.61	49.66 0.99 0.09	50.56 1.01 0.00	50.46 0.77 0.00	57.69 1.39 0.00	58.57 1.74 0.00	55.70 1.66 0.00	43.93 1.13 0.00	36.71 0.83 0.00
COBBLENY_34_KV_TB1 80064	34.88 0.03 0.00	29.64 -0.15 0.00	26.71 -0.38 0.00	27.08 -0.72 0.00	29.33 -0.55 0.00	31.55 -0.75 0.00	30.47 -1.07 0.00	30.18 -1.37 0.00	30.24 -1.34 0.00	30.66 -1.13 0.00	30.86 -1.35 0.00	30.04 -1.21 0.00	34.83 -0.84 0.00	40.28 -0.65 0.00	42.42 -0.95 0.00	42.21 -0.50 5.06	48.19 0.24 0.81	50.03 0.49 0.00	50.44 0.75 0.00	57.36 1.06 0.00	57.31 0.48 0.00	53.49 -0.55 0.00	42.55 -0.25 0.00	35.69 -0.19 0.00
COFFEEN___115KV_TB3 355620	36.88 2.02 0.00	31.32 1.53 0.00	28.38 1.29 0.00	29.15 1.36 0.00	31.42 1.54 0.00	34.02 1.72 0.00	33.08 1.54 0.00	32.69 1.14 0.00	32.37 0.78 0.00	32.41 0.63 0.00	32.54 0.33 0.00	31.27 0.03 0.00	35.64 -0.03 0.00	40.94 0.01 0.00	43.54 0.17 0.00	40.66 -0.09 7.02	47.91 0.23 1.08	50.35 0.80 0.00	51.24 1.55 0.00	59.87 3.57 0.00	62.01 5.18 0.00	59.37 5.33 0.00	46.38 3.59 0.00	37.51 1.63 0.00
COLDSPRG_115KV_BK1 355956	35.38 0.52 0.00	30.00 0.21 0.00	27.08 -0.01 0.00	27.42 -0.37 0.00	29.70 -0.17 0.00	32.01 -0.28 0.00	31.12 -0.42 0.00	31.16 -0.39 0.00	31.31 -0.27 0.00	31.74 -0.04 0.00	32.03 -0.19 0.00	31.16 -0.08 0.00	36.01 0.34 0.00	41.53 0.60 0.00	43.86 0.49 0.00	43.69 1.10 5.18	49.79 1.86 0.83	51.01 1.46 0.00	51.45 1.76 0.00	58.52 2.23 0.00	58.66 1.83 0.00	54.87 0.84 0.00	43.59 0.79 0.00	36.45 0.57 0.00
COLONIE_LFGE___ 323577	35.88 1.02 0.00	30.87 1.09 0.00	28.20 1.11 0.00	28.87 1.07 0.00	30.95 1.08 0.00	33.18 0.88 0.00	32.46 0.92 0.00	32.41 0.86 0.00	32.28 0.69 0.00	32.34 0.56 0.00	32.75 0.53 0.00	31.73 0.49 0.00	35.85 0.41 0.23	40.97 0.40 0.36	43.67 0.44 0.15	47.15 0.17 0.78	48.69 0.05 0.12	49.75 0.20 0.00	50.13 0.43 0.00	56.78 0.49 0.00	57.44 0.60 0.00	54.84 0.80 0.00	43.38 0.59 0.00	36.62 0.74 0.00
COOPERNY_115KV_TB1 80082	35.71 0.86 0.00	30.55 0.76 0.00	27.80 0.71 0.00	28.43 0.64 0.00	30.48 0.61 0.00	32.71 0.42 0.00	32.02 0.48 0.00	32.19 0.64 0.00	32.28 0.70 0.00	32.55 0.77 0.00	33.13 0.92 0.00	32.19 0.95 0.00	36.82 1.04 -0.12	42.21 1.11 -0.17	44.71 1.27 -0.07	47.24 1.02 1.56	49.39 0.87 0.24	50.46 0.91 0.00	50.65 0.95 0.00	57.07 0.78 0.00	57.38 0.55 0.00	54.70 0.66 0.00	43.49 0.70 0.00	36.59 0.71 0.00
COPENHAGEN_WT_PWR 323753	36.43 1.58 0.00	30.94 1.15 0.00	28.06 0.97 0.00	28.82 1.03 0.00	31.06 1.18 0.00	33.59 1.30 0.00	32.62 1.09 0.00	32.32 0.78 0.00	32.10 0.51 0.00	32.18 0.39 0.00	32.35 0.14 0.00	31.14 -0.11 0.00	35.50 -0.17 0.00	40.74 -0.19 0.00	43.33 -0.04 0.00	40.16 -0.31 7.30	47.60 -0.03 1.13	50.03 0.48 0.00	50.88 1.18 0.00	59.23 2.93 0.00	61.04 4.20 0.00	58.30 4.26 0.00	45.46 2.66 0.00	36.66 0.78 0.00
CORNELL_____ 23752	35.39 0.53 0.00	30.16 0.37 0.00	27.45 0.36 0.00	28.05 0.25 0.00	30.12 0.24 0.00	32.47 0.17 0.00	31.76 0.22 0.00	31.83 0.28 0.00	31.63 0.04 0.00	31.67 -0.11 0.00	32.07 -0.15 0.00	31.07 -0.18 0.00	35.58 -0.09 0.00	40.87 -0.06 0.00	43.42 0.05 0.00	39.98 -0.13 7.66	47.64 0.06 1.18	49.88 0.33 0.00	50.58 0.89 0.00	58.06 1.76 0.00	58.69 1.86 0.00	55.48 1.44 0.00	43.83 1.04 0.00	36.60 0.72 0.00

CORONA V_69_KV_TB1 355595	37.01 2.15 0.00	31.63 1.84 0.00	28.66 1.57 0.00	29.25 1.46 0.00	31.31 1.44 0.00	33.50 1.20 0.00	32.76 1.22 0.00	33.02 1.47 0.00	33.23 1.65 0.00	33.70 1.91 0.00	34.79 2.52 -0.06	38.87 2.59 -5.04	56.48 2.93 -17.89	45.34 2.99 -1.42	46.48 2.98 -0.12	48.96 2.30 1.11	50.22 1.81 0.35	51.40 1.85 0.00	51.44 1.75 0.00	57.36 1.32 0.26	56.83 0.81 0.82	55.20 1.16 0.00	44.18 1.39 0.00	37.26 1.38 0.00
CORTLAND_115KV_TB3 80093	35.00 0.15 0.00	29.87 0.08 0.00	27.19 0.10 0.00	27.80 0.01 0.00	29.86 -0.02 0.00	32.17 -0.12 0.00	31.45 -0.09 0.00	31.47 -0.07 0.00	31.36 -0.22 0.00	31.48 -0.30 0.00	31.93 -0.29 0.00	30.98 -0.26 0.00	35.46 -0.21 0.00	40.73 -0.20 0.00	43.22 -0.15 0.00	38.57 -0.48 8.72	47.11 -0.31 1.35	49.43 -0.12 0.00	49.94 0.25 0.00	57.09 0.79 0.00	57.70 0.87 0.00	54.63 0.60 0.00	43.20 0.41 0.00	36.15 0.27 0.00
COXSACKIE__GT 23611	36.14 1.29 0.00	31.18 1.39 0.00	28.57 1.48 0.00	29.30 1.51 0.00	31.43 1.55 0.00	33.74 1.44 0.00	33.02 1.48 0.00	32.96 1.41 0.00	32.64 1.06 0.00	32.32 0.53 0.00	32.57 0.36 0.00	31.41 0.17 0.00	35.67 0.07 0.06	41.03 0.21 0.10	43.68 0.35 0.04	42.21 0.21 5.77	48.67 0.05 0.14	49.88 0.33 0.00	50.77 1.08 0.00	58.06 1.76 0.00	58.93 2.10 0.00	56.22 2.18 0.00	44.25 1.45 0.00	37.04 1.16 0.00
CPV_VALLEY__CC1 323721	35.80 0.95 0.00	30.64 0.86 0.00	27.88 0.79 0.00	28.50 0.70 0.00	30.54 0.67 0.00	32.71 0.42 0.00	32.06 0.53 0.00	32.27 0.73 0.00	32.40 0.81 0.00	32.67 0.89 0.00	33.28 1.06 0.00	32.33 1.09 0.00	37.00 1.18 -0.15	42.32 1.16 -0.23	44.73 1.27 -0.09	47.45 0.94 1.27	49.28 0.72 0.20	50.29 0.74 0.00	50.45 0.77 0.00	56.77 0.47 0.00	57.05 0.22 0.00	54.46 0.42 0.00	43.38 0.58 0.00	36.54 0.66 0.00
CPV_VALLEY__CC2 323722	35.80 0.95 0.00	30.64 0.86 0.00	27.88 0.79 0.00	28.50 0.70 0.00	30.54 0.67 0.00	32.71 0.42 0.00	32.06 0.53 0.00	32.27 0.73 0.00	32.40 0.81 0.00	32.67 0.89 0.00	33.28 1.06 0.00	32.33 1.09 0.00	37.00 1.18 -0.15	42.32 1.16 -0.23	44.73 1.27 -0.09	47.45 0.94 1.27	49.28 0.72 0.20	50.29 0.74 0.00	50.45 0.77 0.00	56.77 0.47 0.00	57.05 0.22 0.00	54.46 0.42 0.00	43.38 0.58 0.00	36.54 0.66 0.00
CRESCENT__HYD 24018	35.88 1.02 0.00	30.87 1.09 0.00	28.20 1.11 0.00	28.87 1.07 0.00	30.95 1.08 0.00	33.18 0.88 0.00	32.46 0.92 0.00	32.41 0.86 0.00	32.28 0.69 0.00	32.34 0.56 0.00	32.75 0.53 0.00	31.73 0.49 0.00	35.85 0.41 0.23	40.97 0.40 0.36	43.67 0.44 0.15	47.15 0.17 0.78	48.69 0.05 0.12	49.75 0.20 0.00	50.13 0.43 0.00	56.78 0.49 0.00	57.44 0.60 0.00	54.84 0.80 0.00	43.38 0.59 0.00	36.62 0.74 0.00
CRICKET__VALLEY_CC1 323756	35.75 0.89 0.00	30.70 0.92 0.00	28.01 0.92 0.00	28.68 0.88 0.00	30.68 0.81 0.00	32.80 0.50 0.00	32.18 0.64 0.00	32.34 0.79 0.00	32.43 0.85 0.00	32.68 0.89 0.00	33.24 1.02 0.00	32.23 0.99 0.00	34.18 1.02 2.51	37.98 0.95 3.90	42.82 1.04 1.59	47.36 0.64 1.04	48.99 0.39 0.16	49.97 0.42 0.00	50.14 0.44 0.00	56.39 0.09 0.00	56.70 -0.14 0.00	54.22 0.18 0.00	43.15 0.35 0.00	36.43 0.54 0.00
CRICKET__VALLEY_CC2 323757	35.75 0.89 0.00	30.70 0.92 0.00	28.01 0.92 0.00	28.68 0.88 0.00	30.68 0.81 0.00	32.80 0.50 0.00	32.18 0.64 0.00	32.34 0.79 0.00	32.43 0.85 0.00	32.68 0.89 0.00	33.24 1.02 0.00	32.23 0.99 0.00	34.18 1.02 2.51	37.98 0.95 3.90	42.82 1.04 1.59	47.36 0.64 1.04	48.99 0.39 0.16	49.97 0.42 0.00	50.14 0.44 0.00	56.39 0.09 0.00	56.70 -0.14 0.00	54.22 0.18 0.00	43.15 0.35 0.00	36.43 0.54 0.00
CRICKET__VALLEY_CC3 323758	35.75 0.89 0.00	30.70 0.92 0.00	28.01 0.92 0.00	28.68 0.88 0.00	30.68 0.81 0.00	32.80 0.50 0.00	32.18 0.64 0.00	32.34 0.79 0.00	32.43 0.85 0.00	32.68 0.89 0.00	33.24 1.02 0.00	32.23 0.99 0.00	34.18 1.02 2.51	37.98 0.95 3.90	42.82 1.04 1.59	47.36 0.64 1.04	48.99 0.39 0.16	49.97 0.42 0.00	50.14 0.44 0.00	56.39 0.09 0.00	56.70 -0.14 0.00	54.22 0.18 0.00	43.15 0.35 0.00	36.43 0.54 0.00
CRUCIBLE_METL_DRP 24180	34.72 -0.13 0.00	29.62 -0.16 0.00	26.96 -0.13 0.00	27.58 -0.22 0.00	29.64 -0.23 0.00	31.96 -0.33 0.00	31.24 -0.30 0.00	31.21 -0.34 0.00	31.14 -0.45 0.00	31.29 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.58 -0.35 0.00	43.12 -0.25 0.00	36.61 -0.76 10.40	46.50 -0.67 1.60	49.09 -0.46 0.00	49.59 -0.10 0.00	56.68 0.39 0.00	57.26 0.43 0.00	54.25 0.21 0.00	42.91 0.12 0.00	35.89 0.01 0.00
DAHOWA__HYDRO 323763	36.49 1.64 0.00	31.31 1.52 0.00	28.56 1.47 0.00	29.23 1.43 0.00	31.37 1.49 0.00	33.66 1.37 0.00	32.97 1.44 0.00	32.86 1.32 0.00	32.59 1.01 0.00	32.54 0.76 0.00	32.81 0.59 0.00	31.83 0.59 0.00	36.00 0.52 0.19	41.24 0.60 0.29	43.96 0.71 0.12	47.61 0.61 0.78	49.35 0.71 0.12	50.65 1.10 0.00	51.38 1.69 0.00	58.51 2.22 0.00	59.20 2.37 0.00	56.42 2.38 0.00	44.44 1.64 0.00	37.51 1.64 0.00
DANC__LFGE 323619	35.62 0.77 0.00	30.31 0.52 0.00	27.52 0.43 0.00	28.23 0.43 0.00	30.40 0.52 0.00	32.84 0.54 0.00	31.93 0.39 0.00	31.72 0.18 0.00	31.55 -0.03 0.00	31.66 -0.12 0.00	31.92 -0.30 0.00	30.82 -0.42 0.00	35.18 -0.49 0.00	40.40 -0.53 0.00	42.92 -0.45 0.00	38.09 -0.86 8.82	46.73 -0.67 1.36	49.28 -0.27 0.00	49.93 0.24 0.00	57.78 1.48 0.00	59.19 2.35 0.00	56.44 2.40 0.00	44.26 1.47 0.00	36.21 0.32 0.00
DANSKAMMER__1 23586	36.52 1.67 0.00	31.26 1.47 0.00	28.45 1.36 0.00	29.07 1.28 0.00	31.14 1.27 0.00	33.32 1.03 0.00	32.70 1.16 0.00	32.93 1.38 0.00	33.08 1.49 0.00	33.37 1.58 0.00	34.00 1.79 0.00	33.06 1.82 0.00	37.86 2.04 -0.16	43.29 2.12 -0.24	45.78 2.32 -0.10	48.76 2.10 1.11	50.55 1.96 0.17	51.59 2.04 0.00	51.76 2.06 0.00	58.18 1.89 0.00	58.40 1.57 0.00	55.72 1.68 0.00	44.33 1.53 0.00	37.30 1.42 0.00
DANSKAMMER__2 23589	36.52 1.67 0.00	31.26 1.47 0.00	28.45 1.36 0.00	29.07 1.28 0.00	31.14 1.27 0.00	33.32 1.03 0.00	32.70 1.16 0.00	32.93 1.38 0.00	33.08 1.49 0.00	33.37 1.58 0.00	34.00 1.79 0.00	33.06 1.82 0.00	37.86 2.04 -0.16	43.29 2.12 -0.24	45.78 2.32 -0.10	48.76 2.10 1.11	50.55 1.96 0.17	51.59 2.04 0.00	51.76 2.06 0.00	58.18 1.89 0.00	58.40 1.57 0.00	55.72 1.68 0.00	44.33 1.53 0.00	37.30 1.42 0.00
DANSKAMMER__3 23590	36.52 1.67 0.00	31.26 1.47 0.00	28.45 1.36 0.00	29.07 1.28 0.00	31.14 1.27 0.00	33.32 1.03 0.00	32.70 1.16 0.00	32.93 1.38 0.00	33.08 1.49 0.00	33.37 1.58 0.00	34.00 1.79 0.00	33.06 1.82 0.00	37.86 2.04 -0.16	43.29 2.12 -0.24	45.78 2.32 -0.10	48.76 2.10 1.11	50.55 1.96 0.17	51.59 2.04 0.00	51.76 2.06 0.00	58.18 1.89 0.00	58.40 1.57 0.00	55.72 1.68 0.00	44.33 1.53 0.00	37.30 1.42 0.00

DANSKAMMER___4 23591	36.52 1.67 0.00	31.26 1.47 0.00	28.45 1.36 0.00	29.07 1.28 0.00	31.14 1.27 0.00	33.32 1.03 0.00	32.70 1.16 0.00	32.93 1.38 0.00	33.08 1.49 0.00	33.37 1.58 0.00	34.00 1.79 0.00	33.06 1.82 0.00	37.86 2.04 -0.16	43.29 2.12 -0.24	45.78 2.32 -0.10	48.76 2.10 1.11	50.55 1.96 0.17	51.59 2.04 0.00	51.76 2.06 0.00	58.18 1.89 0.00	58.40 1.57 0.00	55.72 1.68 0.00	44.33 1.53 0.00	37.30 1.42 0.00
DANSKAMMER___DIESEL 23592	36.52 1.67 0.00	31.26 1.47 0.00	28.45 1.36 0.00	29.07 1.28 0.00	31.14 1.27 0.00	33.32 1.03 0.00	32.70 1.16 0.00	32.93 1.38 0.00	33.08 1.49 0.00	33.37 1.58 0.00	34.00 1.79 0.00	33.06 1.82 0.00	37.86 2.04 -0.16	43.29 2.13 -0.24	45.78 2.32 -0.10	48.77 2.11 1.11	50.55 1.96 0.17	51.59 2.04 0.00	51.76 2.07 0.00	58.19 1.89 0.00	58.40 1.57 0.00	55.73 1.69 0.00	44.33 1.53 0.00	37.30 1.43 0.00
DARBY___SOLAR 323810	36.33 1.48 0.00	31.17 1.38 0.00	28.44 1.35 0.00	29.11 1.32 0.00	31.24 1.37 0.00	33.51 1.22 0.00	32.81 1.27 0.00	32.71 1.17 0.00	32.47 0.89 0.00	32.44 0.66 0.00	32.72 0.50 0.00	31.74 0.50 0.00	35.89 0.42 0.20	41.10 0.48 0.30	43.81 0.56 0.12	47.45 0.46 0.78	49.17 0.53 0.12	50.44 0.89 0.00	51.09 1.40 0.00	58.13 1.83 0.00	58.82 1.99 0.00	56.06 2.02 0.00	44.20 1.40 0.00	37.31 1.43 0.00
DASHVILLE___HYD 23610	36.00 1.15 0.00	30.81 1.02 0.00	28.07 0.98 0.00	28.71 0.91 0.00	30.74 0.87 0.00	32.89 0.60 0.00	32.25 0.71 0.00	32.46 0.92 0.00	32.61 1.02 0.00	32.91 1.13 0.00	33.51 1.29 0.00	32.57 1.32 0.00	37.26 1.49 -0.09	42.63 1.56 -0.14	45.08 1.65 -0.06	46.88 1.39 2.28	49.76 1.17 0.17	50.77 1.22 0.00	50.94 1.25 0.00	57.28 0.99 0.00	57.55 0.72 0.00	54.96 0.92 0.00	43.74 0.94 0.00	36.83 0.95 0.00
DELAWARE___LFGE 323621	35.63 0.77 0.00	30.45 0.67 0.00	27.79 0.70 0.00	28.42 0.63 0.00	30.48 0.61 0.00	32.75 0.46 0.00	31.98 0.44 0.00	31.97 0.43 0.00	32.06 0.48 0.00	32.31 0.53 0.00	32.83 0.61 0.00	31.98 0.74 0.00	36.58 0.92 0.00	41.84 0.92 0.00	44.30 0.93 0.00	45.48 0.80 3.09	49.12 0.84 0.48	50.43 0.88 0.00	50.71 1.02 0.00	57.53 1.24 0.00	57.95 1.12 0.00	55.03 0.99 0.00	43.57 0.78 0.00	36.51 0.63 0.00
DERFIELD_115KV_TB7 355931	34.95 0.10 0.00	29.91 0.12 0.00	27.24 0.14 0.00	27.91 0.12 0.00	29.99 0.11 0.00	32.33 0.03 0.00	31.57 0.03 0.00	31.58 0.03 0.00	31.59 0.00 0.00	31.76 -0.03 0.00	32.21 -0.01 0.00	31.23 -0.02 0.00	35.63 -0.04 0.00	40.84 -0.08 0.00	43.31 -0.06 0.00	46.63 -0.19 0.95	48.37 -0.24 0.15	49.36 -0.19 0.00	49.59 -0.10 0.00	56.25 -0.04 0.00	56.77 -0.06 0.00	54.02 -0.02 0.00	42.76 -0.03 0.00	35.86 -0.02 0.00
DOGLEVILLE___HYD 23807	35.16 0.31 0.00	30.28 0.49 0.00	27.75 0.66 0.00	28.35 0.56 0.00	30.37 0.49 0.00	32.56 0.26 0.00	31.84 0.30 0.00	31.51 -0.04 0.00	31.01 -0.58 0.00	30.88 -0.90 0.00	31.27 -0.94 0.00	30.42 -0.83 0.00	34.50 -1.17 0.00	39.53 -1.40 0.00	41.84 -1.53 0.00	45.16 -1.66 0.95	46.79 -1.82 0.15	48.08 -1.47 0.00	49.05 -0.65 0.00	56.19 -0.10 0.00	56.96 0.13 0.00	54.30 0.26 0.00	42.78 -0.02 0.00	35.99 0.11 0.00
DUNKIRK___115KV_TB_200 55889	34.84 -0.02 0.00	29.54 -0.24 0.00	26.68 -0.41 0.00	27.00 -0.80 0.00	29.24 -0.63 0.00	31.53 -0.76 0.00	30.53 -1.01 0.00	30.23 -1.32 0.00	30.28 -1.30 0.00	30.64 -1.15 0.00	30.90 -1.31 0.00	30.07 -1.17 0.00	34.84 -0.83 0.00	40.21 -0.71 0.00	42.48 -0.89 0.00	42.27 -0.45 5.05	48.30 0.34 0.81	50.21 0.66 0.00	50.59 0.89 0.00	57.58 1.28 0.00	57.79 0.96 0.00	53.96 -0.08 0.00	42.85 0.05 0.00	35.75 -0.13 0.00
DUNKIRK___1 23563	34.84 -0.02 0.00	29.54 -0.24 0.00	26.68 -0.41 0.00	27.00 -0.80 0.00	29.24 -0.63 0.00	31.53 -0.76 0.00	30.53 -1.01 0.00	30.23 -1.32 0.00	30.28 -1.30 0.00	30.64 -1.15 0.00	30.90 -1.31 0.00	30.07 -1.17 0.00	34.84 -0.83 0.00	40.21 -0.71 0.00	42.48 -0.89 0.00	42.27 -0.45 5.05	48.30 0.34 0.81	50.21 0.66 0.00	50.59 0.89 0.00	57.58 1.28 0.00	57.79 0.96 0.00	53.96 -0.08 0.00	42.85 0.05 0.00	35.75 -0.13 0.00
DUNKIRK___2 23564	34.84 -0.02 0.00	29.54 -0.24 0.00	26.68 -0.41 0.00	27.00 -0.80 0.00	29.24 -0.63 0.00	31.53 -0.76 0.00	30.53 -1.01 0.00	30.23 -1.32 0.00	30.28 -1.30 0.00	30.64 -1.15 0.00	30.90 -1.31 0.00	30.07 -1.17 0.00	34.84 -0.83 0.00	40.21 -0.71 0.00	42.48 -0.89 0.00	42.27 -0.45 5.05	48.30 0.34 0.81	50.21 0.66 0.00	50.59 0.89 0.00	57.58 1.28 0.00	57.79 0.96 0.00	53.96 -0.08 0.00	42.85 0.05 0.00	35.75 -0.13 0.00
DUNKIRK___3 23565	34.72 -0.13 0.00	29.47 -0.32 0.00	26.60 -0.49 0.00	26.94 -0.86 0.00	29.17 -0.71 0.00	31.43 -0.87 0.00	30.44 -1.10 0.00	30.14 -1.41 0.00	30.17 -1.41 0.00	30.53 -1.25 0.00	30.78 -1.43 0.00	29.96 -1.28 0.00	34.71 -0.96 0.00	40.08 -0.85 0.00	42.28 -1.09 0.00	42.05 -0.68 5.04	48.02 0.07 0.81	49.87 0.32 0.00	50.23 0.54 0.00	57.17 0.87 0.00	57.31 0.48 0.00	53.53 -0.51 0.00	42.55 -0.25 0.00	35.59 -0.29 0.00
DUNKIRK___4 23566	34.72 -0.13 0.00	29.47 -0.32 0.00	26.60 -0.49 0.00	26.94 -0.86 0.00	29.17 -0.71 0.00	31.43 -0.87 0.00	30.44 -1.10 0.00	30.14 -1.41 0.00	30.17 -1.41 0.00	30.53 -1.25 0.00	30.78 -1.43 0.00	29.96 -1.28 0.00	34.71 -0.96 0.00	40.08 -0.85 0.00	42.28 -1.09 0.00	42.05 -0.68 5.04	48.02 0.07 0.81	49.87 0.32 0.00	50.23 0.54 0.00	57.17 0.87 0.00	57.31 0.48 0.00	53.53 -0.51 0.00	42.55 -0.25 0.00	35.59 -0.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.60 1.75 0.00	31.36 1.57 0.00	28.50 1.41 0.00	29.11 1.32 0.00	31.18 1.30 0.00	33.33 1.04 0.00	32.73 1.19 0.00	33.01 1.47 0.00	33.23 1.65 0.00	33.56 1.78 0.00	34.25 2.03 0.00	33.31 2.07 0.00	38.16 2.29 -0.20	43.61 2.38 -0.30	46.01 2.51 -0.12	48.83 2.17 1.11	50.40 1.81 0.17	51.30 1.75 0.00	51.39 1.70 0.00	57.64 1.34 0.00	57.79 0.96 0.00	55.25 1.21 0.00	44.18 1.39 0.00	37.27 1.39 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.28 1.43 0.00	31.05 1.26 0.00	28.23 1.14 0.00	28.85 1.06 0.00	30.91 1.05 0.00	33.10 0.80 0.00	32.45 0.91 0.00	32.68 1.14 0.00	32.84 1.26 0.00	33.13 1.35 0.00	33.75 1.53 0.00	32.80 1.55 0.00	37.56 1.74 -0.15	42.96 1.79 -0.24	45.41 1.94 -0.10	48.32 1.70 1.15	50.08 1.50 0.18	51.13 1.58 0.00	51.29 1.60 0.00	57.67 1.37 0.00	57.91 1.08 0.00	55.28 1.25 0.00	44.00 1.21 0.00	37.05 1.17 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.62 1.77 0.00	31.47 1.69 0.00	28.50 1.42 0.00	29.10 1.31 0.00	31.15 1.28 0.00	33.27 0.97 0.00	32.74 1.20 0.00	33.10 1.56 0.00	33.33 1.74 0.00	33.67 1.88 0.00	34.35 2.14 0.00	33.45 2.21 0.00	38.36 2.50 -0.20	43.72 2.49 -0.30	46.19 2.69 -0.12	48.90 2.24 1.11	50.35 1.76 0.17	51.31 1.76 0.00	51.32 1.63 0.00	57.43 1.12 -0.02	57.52 0.68 -0.01	55.02 0.97 -0.01	44.20 1.41 0.00	37.18 1.30 0.00

E179THST_13_KV_LOAD 356214	36.81 1.96 0.00	31.62 1.84 0.00	28.65 1.56 0.00	29.24 1.45 0.00	31.30 1.42 0.00	33.43 1.14 0.00	32.91 1.37 0.00	33.28 1.73 0.00	33.50 1.92 0.00	33.85 2.07 0.00	34.54 2.32 0.00	33.64 2.39 0.00	38.58 2.71 -0.20	43.98 2.75 -0.30	46.46 2.97 -0.12	49.22 2.56 1.11	50.67 2.08 0.17	51.66 2.10 0.00	51.66 1.96 0.00	57.81 1.50 -0.02	57.87 1.03 -0.01	55.36 1.31 -0.01	44.48 1.69 0.00	37.40 1.52 0.00
EAST HAMPTON___GT 23717	38.12 3.27 0.00	32.64 2.86 0.00	29.53 2.44 0.00	30.12 2.33 0.00	32.21 2.34 0.00	34.46 2.16 0.00	33.72 2.18 0.00	34.09 2.54 0.00	34.38 2.80 0.00	35.06 3.27 0.00	36.53 4.25 -0.06	40.75 4.48 -5.03	44.43 4.78 -3.99	47.16 4.81 -1.42	47.93 4.43 -0.12	49.80 3.31 1.28	33.41 3.15 18.50	51.27 3.38 1.67	52.92 3.23 0.00	32.00 2.60 26.89	31.93 2.07 26.97	28.53 2.48 27.99	25.49 2.25 19.55	31.97 1.89 5.80
EAST RIVER___6 23660	36.69 1.84 0.00	31.44 1.66 0.00	28.55 1.47 0.00	29.15 1.36 0.00	31.23 1.36 0.00	33.37 1.08 0.00	32.80 1.26 0.00	33.13 1.59 0.00	33.39 1.81 0.00	33.75 1.96 0.00	34.43 2.22 0.00	33.49 2.25 0.00	38.38 2.52 -0.20	43.86 2.63 -0.30	46.28 2.78 -0.12	49.10 2.44 1.11	50.62 2.03 0.17	51.49 1.94 0.00	51.54 1.85 0.00	57.70 1.41 0.00	57.79 0.96 0.00	55.28 1.24 0.00	44.29 1.50 0.00	37.36 1.48 0.00
EAST RIVER___7 23524	36.69 1.84 0.00	31.44 1.66 0.00	28.55 1.47 0.00	29.15 1.36 0.00	31.23 1.36 0.00	33.37 1.08 0.00	32.80 1.26 0.00	33.13 1.59 0.00	33.39 1.81 0.00	33.75 1.96 0.00	34.43 2.22 0.00	33.49 2.25 0.00	38.38 2.52 -0.20	43.86 2.63 -0.30	46.28 2.78 -0.12	49.10 2.44 1.11	50.62 2.03 0.17	51.49 1.94 0.00	51.54 1.85 0.00	57.70 1.41 0.00	57.79 0.96 0.00	55.28 1.24 0.00	44.29 1.50 0.00	37.36 1.48 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.47 1.62 0.00	31.25 1.46 0.00	28.40 1.31 0.00	29.01 1.22 0.00	31.08 1.20 0.00	33.23 0.93 0.00	32.62 1.08 0.00	32.89 1.35 0.00	33.09 1.50 0.00	33.42 1.63 0.00	34.10 1.88 0.00	33.15 1.91 0.00	37.98 2.12 -0.20	43.41 2.18 -0.30	45.81 2.31 -0.12	48.63 1.98 1.11	50.22 1.63 0.17	51.15 1.60 0.00	51.25 1.55 0.00	57.49 1.19 0.00	57.67 0.83 0.00	55.12 1.09 0.00	44.04 1.24 0.00	37.14 1.26 0.00
EAST_HAMPTON___DIESEL 23722	38.13 3.27 0.00	32.66 2.87 0.00	29.54 2.45 0.00	30.12 2.33 0.00	32.22 2.35 0.00	34.47 2.17 0.00	33.73 2.19 0.00	34.10 2.56 0.00	34.39 2.81 0.00	35.07 3.28 0.00	36.55 4.27 -0.06	40.76 4.49 -5.03	44.44 4.78 -3.99	47.16 4.81 -1.42	47.93 4.43 -0.12	49.80 3.31 1.28	33.40 3.15 18.50	51.26 3.38 1.67	52.90 3.22 0.00	31.98 2.58 26.89	31.90 2.04 26.97	28.50 2.45 27.99	25.45 2.20 19.55	31.95 1.87 5.80
EAST_POINT___SOLAR 323840	37.02 2.17 0.00	31.48 1.69 0.00	28.58 1.49 0.00	29.29 1.50 0.00	31.50 1.63 0.00	34.07 1.77 0.00	33.03 1.49 0.00	32.01 0.47 0.00	31.43 -0.15 0.00	31.60 -0.18 0.00	32.04 -0.17 0.00	31.24 0.00 0.00	35.67 0.12 0.11	40.98 0.22 0.17	43.59 0.29 0.07	47.39 0.69 1.07	49.25 0.65 0.17	50.52 0.97 0.00	51.35 1.66 0.00	60.29 3.99 0.00	61.80 4.97 0.00	58.63 4.60 0.00	46.23 3.43 0.00	38.49 2.61 0.00
EAST_PULASKI___ESR 323781	34.83 -0.02 0.00	29.71 -0.08 0.00	27.00 -0.09 0.00	27.66 -0.13 0.00	29.78 -0.09 0.00	32.11 -0.19 0.00	31.24 -0.30 0.00	31.10 -0.44 0.00	30.98 -0.60 0.00	31.12 -0.67 0.00	31.47 -0.74 0.00	30.48 -0.76 0.00	34.82 -0.84 0.00	40.01 -0.91 0.00	42.47 -0.90 0.00	35.73 -1.43 10.61	45.78 -1.35 1.64	48.48 -1.07 0.00	48.98 -0.71 0.00	56.33 0.03 0.00	57.34 0.50 0.00	54.56 0.52 0.00	43.02 0.22 0.00	35.75 -0.13 0.00
EAST_RIVER___1 323558	36.72 1.86 0.00	31.46 1.67 0.00	28.57 1.49 0.00	29.17 1.38 0.00	31.25 1.38 0.00	33.40 1.10 0.00	32.83 1.29 0.00	33.15 1.61 0.00	33.41 1.83 0.00	33.78 1.99 0.00	34.45 2.24 0.00	33.52 2.27 0.00	38.40 2.54 -0.20	43.90 2.67 -0.30	46.31 2.82 -0.12	49.12 2.46 1.11	50.66 2.07 0.17	51.53 1.98 0.00	51.57 1.88 0.00	57.75 1.45 0.00	57.82 0.99 0.00	55.32 1.28 0.00	44.32 1.52 0.00	37.38 1.50 0.00
EAST_RIVER___2 323559	36.69 1.84 0.00	31.44 1.66 0.00	28.55 1.47 0.00	29.15 1.36 0.00	31.23 1.36 0.00	33.37 1.08 0.00	32.80 1.26 0.00	33.13 1.59 0.00	33.39 1.81 0.00	33.75 1.96 0.00	34.43 2.22 0.00	33.49 2.25 0.00	38.38 2.52 -0.20	43.86 2.63 -0.30	46.28 2.78 -0.12	49.10 2.44 1.11	50.62 2.03 0.17	51.49 1.94 0.00	51.54 1.85 0.00	57.70 1.41 0.00	57.79 0.96 0.00	55.28 1.24 0.00	44.29 1.50 0.00	37.36 1.48 0.00
EAST___DELAWARE_HYD 23607	35.55 0.69 0.00	30.36 0.58 0.00	27.61 0.52 0.00	28.21 0.42 0.00	30.23 0.36 0.00	32.39 0.09 0.00	31.76 0.22 0.00	31.98 0.43 0.00	32.11 0.53 0.00	32.43 0.64 0.00	32.97 0.75 0.00	32.05 0.81 0.00	36.69 0.90 -0.12	42.08 0.97 -0.19	44.54 1.09 -0.07	46.97 0.92 1.72	49.31 0.75 0.21	50.49 0.94 0.00	50.76 1.06 0.00	57.18 0.89 0.00	57.41 0.58 0.00	54.69 0.65 0.00	43.45 0.65 0.00	36.50 0.62 0.00
EIGHT_POINT___WT_PWR 323820	35.31 0.45 0.00	29.98 0.19 0.00	27.06 -0.03 0.00	27.32 -0.47 0.00	29.61 -0.27 0.00	32.11 -0.18 0.00	31.22 -0.32 0.00	30.79 -0.76 0.00	30.47 -1.11 0.00	30.73 -1.05 0.00	31.02 -1.19 0.00	30.06 -1.18 0.00	34.60 -1.06 0.00	39.85 -1.08 0.00	42.10 -1.27 0.00	41.12 -0.85 5.80	47.69 -0.15 0.92	49.56 0.00 0.00	50.31 0.62 0.00	57.65 1.35 0.00	58.14 1.31 0.00	54.09 0.05 0.00	42.49 -0.30 0.00	35.53 -0.35 0.00
ELBRIDGE_115KV_TB2 80188	34.58 -0.27 0.00	29.48 -0.31 0.00	26.85 -0.24 0.00	27.44 -0.35 0.00	29.49 -0.39 0.00	31.80 -0.50 0.00	31.09 -0.45 0.00	31.07 -0.48 0.00	31.00 -0.58 0.00	31.13 -0.66 0.00	31.56 -0.66 0.00	30.64 -0.60 0.00	35.05 -0.62 0.00	40.31 -0.61 0.00	42.84 -0.53 0.00	36.45 -1.06 10.26	46.18 -1.02 1.57	48.72 -0.84 0.00	49.26 -0.44 0.00	56.33 0.04 0.00	56.88 0.04 0.00	53.87 -0.17 0.00	42.66 -0.13 0.00	35.68 -0.20 0.00
ELEC_TRO_TEK 24086	36.76 1.91 0.00	31.43 1.64 0.00	28.48 1.39 0.00	29.08 1.29 0.00	31.14 1.26 0.00	33.31 1.01 0.00	32.61 1.07 0.00	32.91 1.36 0.00	33.14 1.55 0.00	33.60 1.81 0.00	34.66 2.38 -0.06	38.71 2.43 -5.04	48.40 2.68 -10.06	45.00 2.65 -1.42	46.12 2.63 -0.12	48.53 1.87 1.11	47.07 1.39 3.08	50.96 1.41 0.00	51.02 1.33 0.00	52.71 0.85 4.43	52.34 0.39 4.88	50.35 0.72 4.40	40.73 1.01 3.08	36.06 1.08 0.91
ELLENBURG_WT_PWR 323604	35.21 0.36 0.00	30.02 0.23 0.00	27.09 0.00 0.00	27.89 0.09 0.00	30.11 0.24 0.00	32.84 0.54 0.00	32.02 0.48 0.00	32.03 0.48 0.00	32.19 0.61 0.00	32.48 0.69 0.00	32.78 0.57 0.00	31.71 0.46 0.00	36.16 0.50 0.00	41.53 0.60 0.00	43.92 0.55 0.00	47.72 0.52 0.57	49.28 0.60 0.09	50.10 0.55 0.00	50.04 0.35 0.00	57.03 0.73 0.00	57.84 1.01 0.00	54.97 0.93 0.00	43.35 0.56 0.00	36.15 0.26 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.59 -0.26 0.00	29.40 -0.38 0.00	26.50 -0.59 0.00	26.86 -0.94 0.00	29.10 -0.77 0.00	31.29 -1.01 0.00	30.23 -1.31 0.00	29.88 -1.67 0.00	29.92 -1.66 0.00	30.34 -1.44 0.00	30.52 -1.70 0.00	29.68 -1.56 0.00	34.42 -1.24 0.00	39.81 -1.12 0.00	41.90 -1.47 0.00	41.67 -1.14 4.96	47.51 -0.46 0.80	49.34 -0.21 0.00	49.71 0.01 0.00	56.50 0.21 0.00	56.46 -0.37 0.00	52.73 -1.31 0.00	41.99 -0.80 0.00	35.29 -0.59 0.00
EMPIRE_CC_1 323656	35.23 0.38 0.00	30.44 0.65 0.00	27.87 0.78 0.00	28.55 0.75 0.00	30.59 0.72 0.00	32.68 0.39 0.00	31.94 0.40 0.00	31.91 0.36 0.00	31.83 0.25 0.00	31.92 0.14 0.00	32.38 0.16 0.00	31.34 0.10 0.00	35.29 -0.08 0.30	40.26 -0.20 0.46	42.95 -0.23 0.19	46.23 -0.69 0.86	47.68 -0.94 0.13	48.64 -0.92 0.00	48.89 -0.80 0.00	55.24 -1.05 0.00	55.88 -0.96 0.00	53.46 -0.58 0.00	42.38 -0.41 0.00	35.82 -0.06 0.00
EMPIRE_CC_2 323658	35.23 0.38 0.00	30.44 0.65 0.00	27.87 0.78 0.00	28.55 0.75 0.00	30.59 0.72 0.00	32.68 0.39 0.00	31.94 0.40 0.00	31.91 0.36 0.00	31.83 0.25 0.00	31.92 0.14 0.00	32.38 0.16 0.00	31.34 0.10 0.00	35.29 -0.08 0.30	40.26 -0.20 0.46	42.95 -0.23 0.19	46.23 -0.69 0.86	47.68 -0.94 0.13	48.64 -0.92 0.00	48.89 -0.80 0.00	55.24 -1.05 0.00	55.88 -0.96 0.00	53.46 -0.58 0.00	42.38 -0.41 0.00	35.82 -0.06 0.00
ENORWICH_115KV_TB1 80156	36.93 2.08 0.00	31.53 1.74 0.00	28.67 1.58 0.00	29.31 1.51 0.00	31.29 1.42 0.00	33.77 1.47 0.00	33.13 1.60 0.00	34.30 2.76 0.00	33.84 2.26 0.00	33.73 1.95 0.00	34.11 1.89 0.00	32.98 1.74 0.00	37.86 2.19 0.00	43.24 2.27 -0.04	45.93 2.54 -0.02	45.34 2.67 5.10	51.07 3.10 0.79	53.05 3.50 0.00	53.73 4.03 0.00	61.84 5.55 0.00	62.27 5.44 0.00	58.45 4.41 0.00	45.68 2.88 0.00	37.80 1.91 0.00
ERIE_ST__34_KV_TB1-2 80199	34.80 -0.05 0.00	29.55 -0.24 0.00	26.62 -0.47 0.00	26.98 -0.81 0.00	29.22 -0.65 0.00	31.43 -0.87 0.00	30.42 -1.12 0.00	30.14 -1.41 0.00	30.20 -1.38 0.00	30.64 -1.14 0.00	30.87 -1.35 0.00	30.05 -1.19 0.00	34.86 -0.81 0.00	40.32 -0.60 0.00	42.55 -0.82 0.00	42.52 -0.23 5.02	48.48 0.53 0.81	50.26 0.71 0.00	50.66 0.96 0.00	57.58 1.28 0.00	57.48 0.64 0.00	53.63 -0.41 0.00	42.62 -0.17 0.00	35.74 -0.14 0.00
ERIE_WT_PWR 323693	34.77 -0.08 0.00	29.53 -0.25 0.00	26.62 -0.47 0.00	26.98 -0.82 0.00	29.21 -0.67 0.00	31.43 -0.86 0.00	30.40 -1.14 0.00	30.05 -1.50 0.00	30.09 -1.49 0.00	30.51 -1.27 0.00	30.68 -1.53 0.00	29.87 -1.38 0.00	34.63 -1.04 0.00	40.01 -0.91 0.00	42.17 -1.21 0.00	42.11 -0.66 5.00	47.89 -0.07 0.80	49.72 0.17 0.00	50.11 0.42 0.00	56.96 0.66 0.00	56.99 0.16 0.00	53.18 -0.86 0.00	42.30 -0.49 0.00	35.50 -0.38 0.00
ESPRGFLD_115KV_TB1 80157	36.46 1.60 0.00	30.94 1.15 0.00	28.09 1.00 0.00	28.76 0.97 0.00	30.90 1.03 0.00	33.41 1.11 0.00	32.58 1.04 0.00	32.44 0.89 0.00	32.51 0.92 0.00	32.94 1.15 0.00	33.47 1.26 0.00	32.57 1.33 0.00	37.33 1.73 0.07	42.89 2.06 0.10	45.54 2.21 0.04	48.49 2.44 1.71	51.18 2.68 0.27	52.35 2.80 0.00	52.67 2.98 0.00	60.26 3.96 0.00	60.80 3.96 0.00	57.52 3.48 0.00	45.42 2.63 0.00	37.81 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.33 0.48 0.00	30.12 0.34 0.00	27.41 0.33 0.00	28.02 0.22 0.00	30.08 0.21 0.00	32.43 0.14 0.00	31.72 0.18 0.00	31.80 0.25 0.00	31.61 0.02 0.00	31.67 -0.11 0.00	32.08 -0.14 0.00	31.07 -0.18 0.00	35.57 -0.10 0.00	40.86 -0.07 0.00	43.40 0.03 0.00	39.80 -0.18 7.79	47.56 -0.01 1.20	49.80 0.25 0.00	50.46 0.77 0.00	57.89 1.59 0.00	58.51 1.68 0.00	55.32 1.28 0.00	43.71 0.92 0.00	36.51 0.63 0.00
ETNA____115KV_TB2 80207	35.33 0.48 0.00	30.12 0.34 0.00	27.41 0.33 0.00	28.02 0.22 0.00	30.08 0.21 0.00	32.43 0.14 0.00	31.72 0.18 0.00	31.80 0.25 0.00	31.61 0.02 0.00	31.67 -0.11 0.00	32.08 -0.14 0.00	31.07 -0.18 0.00	35.57 -0.10 0.00	40.86 -0.07 0.00	43.40 0.03 0.00	39.80 -0.18 7.79	47.56 -0.01 1.20	49.80 0.25 0.00	50.46 0.77 0.00	57.89 1.59 0.00	58.51 1.68 0.00	55.32 1.28 0.00	43.71 0.92 0.00	36.51 0.63 0.00
EUCLID___115KV_TB2 356179	34.36 -0.49 0.00	29.35 -0.43 0.00	26.69 -0.40 0.00	27.31 -0.48 0.00	29.36 -0.51 0.00	31.66 -0.64 0.00	30.91 -0.63 0.00	30.88 -0.66 0.00	30.85 -0.73 0.00	31.05 -0.74 0.00	31.49 -0.73 0.00	30.57 -0.67 0.00	34.98 -0.69 0.00	40.22 -0.71 0.00	42.67 -0.70 0.00	36.25 -1.22 10.31	46.05 -1.13 1.59	48.62 -0.93 0.00	48.98 -0.71 0.00	55.91 -0.38 0.00	56.49 -0.34 0.00	53.55 -0.49 0.00	42.36 -0.43 0.00	35.46 -0.42 0.00
E_CANADA_CAP_HY 24051	36.80 1.95 0.00	31.24 1.46 0.00	28.33 1.24 0.00	29.04 1.25 0.00	31.25 1.38 0.00	33.83 1.53 0.00	32.94 1.40 0.00	32.58 1.03 0.00	32.42 0.83 0.00	32.71 0.93 0.00	33.17 0.96 0.00	32.25 1.01 0.00	36.89 1.32 0.10	42.44 1.67 0.15	45.13 1.82 0.06	48.62 2.08 1.23	50.86 2.29 0.19	52.05 2.50 0.00	52.47 2.78 0.00	60.45 4.16 0.00	61.36 4.53 0.00	58.13 4.09 0.00	45.89 3.10 0.00	38.20 2.32 0.00
E_CANADA_MHWK_HY 24050	35.16 0.31 0.00	30.28 0.49 0.00	27.75 0.66 0.00	28.35 0.56 0.00	30.37 0.49 0.00	32.56 0.26 0.00	31.84 0.30 0.00	31.51 -0.03 0.00	31.01 -0.58 0.00	30.88 -0.90 0.00	31.27 -0.94 0.00	30.42 -0.83 0.00	34.50 -1.17 0.00	39.53 -1.40 0.00	41.84 -1.53 0.00	45.15 -1.66 0.95	46.79 -1.82 0.15	48.08 -1.47 0.00	49.05 -0.65 0.00	56.19 -0.10 0.00	56.96 0.13 0.00	54.30 0.26 0.00	42.78 -0.02 0.00	35.99 0.11 0.00
E_FISHKILL___LBMP 23776	36.07 1.21 0.00	30.92 1.14 0.00	28.16 1.07 0.00	28.79 0.99 0.00	30.84 0.96 0.00	32.98 0.68 0.00	32.35 0.81 0.00	32.55 1.01 0.00	32.69 1.11 0.00	32.96 1.18 0.00	33.58 1.37 0.00	32.61 1.37 0.00	37.37 1.50 -0.20	42.72 1.48 -0.31	45.09 1.59 -0.13	47.93 1.24 1.08	49.57 0.97 0.17	50.51 0.96 0.00	50.65 0.96 0.00	56.93 0.64 0.00	57.20 0.36 0.00	54.65 0.61 0.00	43.56 0.77 0.00	36.75 0.87 0.00
FALCON___SEABRD_CC1 323796	35.95 1.10 0.00	30.69 0.90 0.00	27.68 0.59 0.00	28.39 0.60 0.00	30.63 0.76 0.00	33.39 1.09 0.00	32.65 1.11 0.00	32.74 1.19 0.00	32.81 1.23 0.00	33.07 1.29 0.00	33.35 1.14 0.00	32.20 0.96 0.00	36.57 0.90 0.00	41.88 0.95 0.00	44.13 0.75 0.00	47.77 0.60 0.59	49.36 0.69 0.09	50.25 0.70 0.00	50.08 0.39 0.00	57.14 0.85 0.00	57.96 1.13 0.00	55.17 1.12 0.00	43.58 0.79 0.00	36.58 0.70 0.00
FALCON___SEABRD_CC2 323797	35.95 1.10 0.00	30.69 0.90 0.00	27.68 0.59 0.00	28.39 0.60 0.00	30.63 0.76 0.00	33.39 1.09 0.00	32.65 1.11 0.00	32.74 1.19 0.00	32.81 1.23 0.00	33.07 1.29 0.00	33.35 1.14 0.00	32.20 0.96 0.00	36.57 0.90 0.00	41.88 0.95 0.00	44.13 0.75 0.00	47.77 0.60 0.59	49.36 0.69 0.09	50.25 0.70 0.00	50.08 0.39 0.00	57.14 0.85 0.00	57.96 1.13 0.00	55.17 1.12 0.00	43.58 0.79 0.00	36.58 0.70 0.00

FAR ROCKAWAY___4 23548	37.32 2.47 0.00	31.88 2.09 0.00	28.88 1.79 0.00	29.48 1.68 0.00	31.54 1.67 0.00	33.75 1.45 0.00	32.92 1.38 0.00	33.09 1.55 0.00	33.33 1.74 0.00	33.83 2.05 0.00	34.96 2.68 -0.06	39.04 2.76 -5.04	57.74 3.29 -18.78	45.84 3.49 -1.42	47.00 3.50 -0.12	49.53 2.87 1.11	50.71 2.30 0.36	51.88 2.33 0.00	51.92 2.23 0.00	57.84 1.81 0.27	57.25 1.28 0.86	55.70 1.66 0.00	44.62 1.83 0.00	37.59 1.71 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.73 1.88 0.00	31.48 1.69 0.00	28.60 1.51 0.00	29.19 1.40 0.00	31.27 1.40 0.00	33.42 1.12 0.00	32.86 1.32 0.00	33.18 1.64 0.00	33.44 1.86 0.00	33.79 2.01 0.00	34.48 2.26 0.00	33.53 2.29 0.00	38.42 2.55 -0.20	43.90 2.67 -0.30	46.34 2.84 -0.12	49.16 2.50 1.11	50.68 2.09 0.17	51.55 2.00 0.00	51.61 1.92 0.00	57.78 1.48 0.00	57.86 1.03 0.00	55.35 1.31 0.00	44.34 1.54 0.00	37.40 1.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.76 1.91 0.00	31.50 1.71 0.00	28.61 1.52 0.00	29.21 1.41 0.00	31.28 1.41 0.00	33.43 1.13 0.00	32.87 1.33 0.00	33.20 1.65 0.00	33.45 1.86 0.00	33.81 2.02 0.00	34.49 2.27 0.00	33.54 2.30 0.00	38.43 2.57 -0.20	43.91 2.68 -0.30	46.35 2.85 -0.12	49.18 2.52 1.11	50.70 2.11 0.17	51.59 2.04 0.00	51.63 1.93 0.00	57.82 1.52 0.00	57.90 1.07 0.00	55.38 1.34 0.00	44.37 1.58 0.00	37.42 1.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.71 1.86 0.00	31.45 1.67 0.00	28.57 1.48 0.00	29.17 1.38 0.00	31.25 1.38 0.00	33.40 1.10 0.00	32.83 1.29 0.00	33.17 1.62 0.00	33.42 1.84 0.00	33.78 1.99 0.00	34.45 2.24 0.00	33.51 2.27 0.00	38.41 2.54 -0.20	43.89 2.66 -0.30	46.31 2.82 -0.12	49.13 2.47 1.11	50.65 2.06 0.17	51.54 1.99 0.00	51.57 1.88 0.00	57.74 1.44 0.00	57.81 0.98 0.00	55.31 1.27 0.00	44.31 1.51 0.00	37.38 1.50 0.00
FARRAGUT___LBMP 323566	36.68 1.83 0.00	31.43 1.65 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.80 1.26 0.00	33.13 1.58 0.00	33.38 1.80 0.00	33.74 1.95 0.00	34.41 2.19 0.00	33.47 2.23 0.00	38.35 2.49 -0.20	43.83 2.59 -0.30	46.25 2.76 -0.12	49.06 2.41 1.11	50.58 1.99 0.17	51.44 1.89 0.00	51.51 1.82 0.00	57.67 1.38 0.00	57.74 0.91 0.00	55.25 1.21 0.00	44.27 1.47 0.00	37.34 1.46 0.00
FENNER___WINDPWR 24204	35.98 1.12 0.00	30.72 0.93 0.00	27.95 0.86 0.00	28.62 0.83 0.00	30.76 0.88 0.00	33.25 0.95 0.00	32.45 0.91 0.00	32.32 0.77 0.00	32.16 0.58 0.00	32.28 0.50 0.00	32.67 0.45 0.00	31.69 0.44 0.00	36.23 0.57 0.00	41.67 0.74 0.00	44.31 0.94 0.00	43.45 0.88 5.20	49.06 1.09 0.80	50.95 1.40 0.00	51.48 1.79 0.00	58.97 2.68 0.00	59.72 2.88 0.00	56.56 2.52 0.00	44.52 1.73 0.00	37.01 1.13 0.00
FIBERTEK___ENERGY 23856	34.72 -0.13 0.00	29.62 -0.16 0.00	26.96 -0.13 0.00	27.58 -0.22 0.00	29.64 -0.23 0.00	31.96 -0.33 0.00	31.24 -0.30 0.00	31.21 -0.34 0.00	31.14 -0.45 0.00	31.29 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.58 -0.35 0.00	43.12 -0.25 0.00	36.61 -0.76 10.40	46.50 -0.67 1.60	49.09 -0.46 0.00	49.59 -0.10 0.00	56.68 0.39 0.00	57.26 0.43 0.00	54.25 0.21 0.00	42.91 0.12 0.00	35.89 0.01 0.00
FITZPATRICK___ 23598	33.84 -1.01 0.00	28.91 -0.88 0.00	26.29 -0.79 0.00	26.92 -0.88 0.00	28.95 -0.93 0.00	31.22 -1.08 0.00	30.47 -1.07 0.00	30.45 -1.10 0.00	30.44 -1.14 0.00	30.62 -1.16 0.00	31.04 -1.17 0.00	30.12 -1.12 0.00	34.43 -1.24 0.00	39.57 -1.36 0.00	41.97 -1.41 0.00	29.42 -2.09 16.25	44.14 -2.10 2.53	47.60 -1.95 0.00	47.95 -1.74 0.00	54.78 -1.52 0.00	55.41 -1.43 0.00	52.57 -1.47 0.00	41.62 -1.18 0.00	34.86 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.59 1.73 0.00	31.32 1.53 0.00	28.49 1.40 0.00	29.12 1.33 0.00	31.20 1.32 0.00	33.39 1.09 0.00	32.76 1.22 0.00	32.99 1.44 0.00	33.14 1.56 0.00	33.43 1.65 0.00	34.07 1.86 0.00	33.13 1.89 0.00	37.96 2.13 -0.16	43.40 2.23 -0.25	45.90 2.43 -0.10	48.89 2.23 1.11	50.68 2.10 0.17	51.71 2.16 0.00	51.90 2.20 0.00	58.33 2.04 0.00	58.52 1.69 0.00	55.85 1.81 0.00	44.43 1.63 0.00	37.38 1.50 0.00
FORT ORANGE___ 23900	35.32 0.46 0.00	30.45 0.66 0.00	27.88 0.79 0.00	28.57 0.78 0.00	30.64 0.76 0.00	32.82 0.52 0.00	32.09 0.55 0.00	32.06 0.52 0.00	31.91 0.32 0.00	31.91 0.13 0.00	32.29 0.08 0.00	31.09 -0.15 0.00	35.07 -0.46 0.14	40.11 -0.59 0.22	42.70 -0.58 0.09	45.20 -0.97 1.60	47.46 -1.18 0.13	48.39 -1.16 0.00	48.77 -0.92 0.00	55.26 -1.04 0.00	55.87 -0.97 0.00	53.41 -0.63 0.00	42.30 -0.49 0.00	35.61 -0.27 0.00
FORT_DRUM_COGEN 23780	36.65 1.80 0.00	31.14 1.35 0.00	28.21 1.12 0.00	28.99 1.20 0.00	31.25 1.38 0.00	33.83 1.54 0.00	32.88 1.34 0.00	32.55 1.00 0.00	32.27 0.69 0.00	32.33 0.55 0.00	32.49 0.27 0.00	31.27 0.02 0.00	35.66 0.00 0.00	40.95 0.02 0.00	43.57 0.19 0.00	41.03 -0.04 6.70	47.97 0.25 1.03	50.30 0.75 0.00	51.16 1.47 0.00	59.63 3.33 0.00	61.53 4.70 0.00	58.80 4.76 0.00	45.94 3.15 0.00	37.16 1.28 0.00
FOX_HILLS___ESR 323835	36.66 1.81 0.00	31.44 1.66 0.00	28.49 1.40 0.00	29.08 1.29 0.00	31.14 1.27 0.00	33.27 0.97 0.00	32.73 1.19 0.00	33.07 1.53 0.00	33.28 1.70 0.00	33.59 1.80 0.00	34.28 2.07 0.00	33.36 2.12 0.00	38.28 2.42 -0.20	43.68 2.45 -0.30	46.15 2.66 -0.12	48.85 2.19 1.11	50.30 1.71 0.17	51.19 1.64 0.00	51.16 1.47 0.00	57.27 0.97 0.00	57.46 0.63 0.00	54.97 0.93 0.00	44.26 1.46 0.00	37.27 1.40 0.00
FPL_FAR_ROCK_GT1 24212	37.32 2.47 0.00	31.88 2.10 0.00	28.88 1.79 0.00	29.48 1.68 0.00	31.54 1.67 0.00	33.75 1.46 0.00	32.92 1.39 0.00	33.09 1.55 0.00	33.33 1.74 0.00	33.83 2.05 0.00	34.95 2.68 -0.06	39.04 2.76 -5.04	57.74 3.29 -18.78	45.83 3.48 -1.42	47.00 3.50 -0.12	49.48 2.82 1.11	50.70 2.29 0.36	51.88 2.33 0.00	51.92 2.23 0.00	57.82 1.80 0.27	57.24 1.27 0.86	55.69 1.65 0.00	44.62 1.82 0.00	37.60 1.71 0.00
FPL_FAR_ROCK_GT2 23815	37.32 2.47 0.00	31.88 2.10 0.00	28.88 1.79 0.00	29.48 1.68 0.00	31.54 1.67 0.00	33.75 1.46 0.00	32.92 1.39 0.00	33.09 1.55 0.00	33.33 1.74 0.00	33.83 2.05 0.00	34.95 2.68 -0.06	39.04 2.76 -5.04	57.74 3.29 -18.78	45.83 3.48 -1.42	47.00 3.50 -0.12	49.48 2.82 1.11	50.70 2.29 0.36	51.88 2.33 0.00	51.92 2.23 0.00	57.82 1.80 0.27	57.24 1.27 0.86	55.69 1.65 0.00	44.62 1.82 0.00	37.60 1.71 0.00
FRANKLIN_FALL_HYD 24054	35.52 0.67 0.00	30.24 0.46 0.00	27.28 0.19 0.00	28.13 0.34 0.00	30.41 0.53 0.00	33.17 0.87 0.00	32.33 0.79 0.00	32.30 0.75 0.00	32.44 0.86 0.00	32.73 0.95 0.00	33.02 0.80 0.00	31.93 0.69 0.00	36.47 0.80 0.00	41.94 1.01 0.00	44.40 1.03 0.00	47.83 1.00 0.94	49.72 1.11 0.14	50.65 1.10 0.00	50.71 1.02 0.00	57.97 1.67 0.00	58.98 2.14 0.00	56.11 2.07 0.00	44.18 1.39 0.00	36.70 0.82 0.00

FREEPORT_EQUS_GT1 23764	37.04 2.18 0.00	31.63 1.84 0.00	28.63 1.55 0.00	29.24 1.45 0.00	31.29 1.42 0.00	33.47 1.18 0.00	32.75 1.22 0.00	33.04 1.49 0.00	33.30 1.71 0.00	33.77 1.99 0.00	34.93 2.66 -0.06	38.98 2.70 -5.03	47.94 2.98 -9.30	45.34 2.99 -1.42	46.46 2.97 -0.12	48.79 2.13 1.11	41.15 1.68 9.30	51.13 1.59 0.00	51.22 1.53 0.00	43.40 1.02 13.92	43.22 0.56 14.18	40.68 1.03 14.39	34.02 1.28 10.05	34.20 1.30 2.98
FREEPORT___CT2 23818	37.04 2.18 0.00	31.63 1.84 0.00	28.63 1.55 0.00	29.24 1.45 0.00	31.29 1.42 0.00	33.47 1.18 0.00	32.75 1.22 0.00	33.04 1.49 0.00	33.30 1.71 0.00	33.77 1.99 0.00	34.93 2.66 -0.06	38.98 2.70 -5.03	47.94 2.98 -9.30	45.34 2.99 -1.42	46.46 2.97 -0.12	48.79 2.13 1.11	41.15 1.68 9.30	51.13 1.59 0.00	51.22 1.53 0.00	43.40 1.02 13.92	43.22 0.56 14.18	40.68 1.03 14.39	34.02 1.28 10.05	34.20 1.30 2.98
FRESHKLS_33_KV_LOAD 356253	36.68 1.82 0.00	31.45 1.66 0.00	28.50 1.41 0.00	29.08 1.29 0.00	31.15 1.28 0.00	33.29 0.99 0.00	32.73 1.19 0.00	33.08 1.53 0.00	33.25 1.67 0.00	33.54 1.76 0.00	34.23 2.01 0.00	33.31 2.07 0.00	38.24 2.38 -0.20	43.63 2.40 -0.30	46.13 2.63 -0.12	48.80 2.14 1.11	50.27 1.69 0.17	51.16 1.61 0.00	51.11 1.41 0.00	57.20 0.90 0.00	57.48 0.65 0.00	54.98 0.94 0.00	44.31 1.52 0.00	37.34 1.46 0.00
FULTON COGEN____ 23766	34.29 -0.56 0.00	29.27 -0.51 0.00	26.63 -0.46 0.00	27.22 -0.57 0.00	29.30 -0.57 0.00	31.60 -0.69 0.00	30.84 -0.70 0.00	30.79 -0.76 0.00	30.75 -0.83 0.00	30.91 -0.88 0.00	31.32 -0.90 0.00	30.41 -0.83 0.00	34.77 -0.89 0.00	39.98 -0.94 0.00	42.42 -0.95 0.00	34.44 -1.58 11.75	45.45 -1.50 1.81	48.27 -1.28 0.00	48.69 -1.00 0.00	55.70 -0.60 0.00	56.36 -0.47 0.00	53.46 -0.58 0.00	42.27 -0.53 0.00	35.40 -0.48 0.00
FULTON___LFGE 323630	36.79 1.93 0.00	31.33 1.54 0.00	28.46 1.37 0.00	29.16 1.37 0.00	31.35 1.48 0.00	33.85 1.55 0.00	32.97 1.43 0.00	32.45 0.90 0.00	31.98 0.40 0.00	32.05 0.26 0.00	32.42 0.20 0.00	31.48 0.23 0.00	35.90 0.34 0.11	41.27 0.52 0.18	43.99 0.69 0.07	47.51 0.77 1.03	49.49 0.89 0.16	50.82 1.27 0.00	51.69 2.00 0.00	59.91 3.61 0.00	61.00 4.17 0.00	57.89 3.85 0.00	45.69 2.89 0.00	38.12 2.24 0.00
G.F.CEMENT___DRP 24184	36.67 1.82 0.00	31.40 1.62 0.00	28.63 1.54 0.00	29.30 1.51 0.00	31.44 1.57 0.00	33.74 1.45 0.00	33.08 1.54 0.00	32.98 1.43 0.00	32.72 1.14 0.00	32.64 0.86 0.00	32.82 0.61 0.00	31.88 0.64 0.00	36.03 0.54 0.18	41.29 0.64 0.27	44.03 0.77 0.11	47.73 0.73 0.78	49.56 0.92 0.12	50.95 1.40 0.00	51.74 2.05 0.00	59.07 2.78 0.00	59.80 2.97 0.00	56.94 2.90 0.00	44.73 1.93 0.00	37.81 1.93 0.00
GARDENVILLE___LBMP 24039	34.67 -0.19 0.00	29.45 -0.33 0.00	26.55 -0.54 0.00	26.90 -0.89 0.00	29.13 -0.74 0.00	31.35 -0.95 0.00	30.30 -1.23 0.00	29.96 -1.59 0.00	29.99 -1.59 0.00	30.40 -1.38 0.00	30.58 -1.63 0.00	29.76 -1.49 0.00	34.50 -1.16 0.00	39.88 -1.05 0.00	42.01 -1.37 0.00	41.79 -0.98 5.00	47.67 -0.29 0.80	49.49 -0.06 0.00	49.87 0.18 0.00	56.72 0.42 0.00	56.72 -0.11 0.00	52.97 -1.07 0.00	42.15 -0.64 0.00	35.40 -0.48 0.00
GARDNVLA_35_KV_LD 355827	34.82 -0.04 0.00	29.58 -0.21 0.00	26.65 -0.44 0.00	27.00 -0.79 0.00	29.25 -0.62 0.00	31.45 -0.84 0.00	30.42 -1.12 0.00	30.08 -1.47 0.00	30.13 -1.45 0.00	30.55 -1.23 0.00	30.75 -1.47 0.00	29.93 -1.31 0.00	34.73 -0.94 0.00	40.16 -0.77 0.00	42.32 -1.05 0.00	42.14 -0.63 5.00	48.06 0.10 0.80	49.90 0.35 0.00	50.27 0.58 0.00	57.15 0.86 0.00	57.11 0.28 0.00	53.30 -0.74 0.00	42.39 -0.40 0.00	35.58 -0.31 0.00
GELCKHM___115KV_LOAD 80723	34.49 -0.36 0.00	29.44 -0.34 0.00	26.78 -0.31 0.00	27.41 -0.39 0.00	29.46 -0.42 0.00	31.77 -0.53 0.00	31.03 -0.51 0.00	31.00 -0.55 0.00	30.96 -0.63 0.00	31.13 -0.65 0.00	31.57 -0.64 0.00	30.66 -0.58 0.00	35.07 -0.59 0.00	40.34 -0.58 0.00	42.83 -0.54 0.00	36.33 -1.06 10.38	46.20 -0.97 1.60	48.79 -0.76 0.00	49.19 -0.50 0.00	56.20 -0.10 0.00	56.78 -0.05 0.00	53.80 -0.24 0.00	42.56 -0.24 0.00	35.62 -0.27 0.00
GENERAL___MILLS 23808	34.74 -0.11 0.00	29.52 -0.26 0.00	26.61 -0.48 0.00	26.96 -0.83 0.00	29.20 -0.67 0.00	31.41 -0.89 0.00	30.37 -1.17 0.00	30.03 -1.52 0.00	30.07 -1.51 0.00	30.49 -1.30 0.00	30.67 -1.55 0.00	29.85 -1.40 0.00	34.61 -1.06 0.00	40.02 -0.91 0.00	42.16 -1.21 0.00	41.96 -0.81 5.00	47.86 -0.10 0.80	49.69 0.13 0.00	50.07 0.37 0.00	56.93 0.64 0.00	56.91 0.08 0.00	53.13 -0.90 0.00	42.28 -0.52 0.00	35.48 -0.40 0.00
GE_PLASTICS___DRP 24183	34.94 0.09 0.00	30.17 0.38 0.00	27.71 0.62 0.00	28.43 0.63 0.00	30.48 0.61 0.00	32.67 0.37 0.00	31.93 0.39 0.00	31.88 0.34 0.00	31.70 0.12 0.00	31.72 -0.06 0.00	32.15 -0.06 0.00	31.06 -0.18 0.00	35.20 -0.35 0.11	40.26 -0.49 0.17	42.80 -0.50 0.07	32.17 -0.89 14.71	47.53 -1.11 0.13	48.44 -1.11 0.00	48.71 -0.98 0.00	55.09 -1.21 0.00	55.61 -1.22 0.00	53.13 -0.90 0.00	42.11 -0.68 0.00	35.46 -0.41 0.00
GILBOA___1 23756	35.36 0.51 0.00	30.34 0.55 0.00	27.85 0.75 0.00	28.50 0.71 0.00	30.56 0.69 0.00	32.67 0.38 0.00	31.86 0.32 0.00	31.93 0.38 0.00	31.95 0.36 0.00	32.14 0.36 0.00	32.64 0.42 0.00	31.67 0.42 0.00	36.13 0.43 -0.03	41.38 0.40 -0.05	43.82 0.43 -0.02	46.52 0.14 1.39	48.56 0.02 0.22	49.47 -0.08 0.00	49.71 0.02 0.00	56.16 -0.13 0.00	56.64 -0.19 0.00	54.13 0.09 0.00	42.96 0.16 0.00	36.15 0.27 0.00
GILBOA___2 23757	35.36 0.51 0.00	30.34 0.55 0.00	27.85 0.75 0.00	28.50 0.71 0.00	30.56 0.69 0.00	32.67 0.38 0.00	31.86 0.32 0.00	31.93 0.38 0.00	31.95 0.36 0.00	32.14 0.36 0.00	32.64 0.42 0.00	31.67 0.42 0.00	36.13 0.43 -0.03	41.38 0.40 -0.05	43.82 0.43 -0.02	46.52 0.14 1.39	48.56 0.02 0.22	49.47 -0.08 0.00	49.71 0.02 0.00	56.16 -0.13 0.00	56.64 -0.19 0.00	54.13 0.09 0.00	42.96 0.16 0.00	36.15 0.27 0.00
GILBOA___3 23758	35.36 0.51 0.00	30.34 0.55 0.00	27.85 0.75 0.00	28.50 0.71 0.00	30.56 0.69 0.00	32.67 0.38 0.00	31.86 0.32 0.00	31.93 0.38 0.00	31.95 0.36 0.00	32.14 0.36 0.00	32.64 0.42 0.00	31.67 0.42 0.00	36.13 0.43 -0.03	41.38 0.40 -0.05	43.82 0.43 -0.02	46.52 0.14 1.39	48.56 0.02 0.22	49.47 -0.08 0.00	49.71 0.02 0.00	56.16 -0.13 0.00	56.64 -0.19 0.00	54.13 0.09 0.00	42.96 0.16 0.00	36.15 0.27 0.00
GILBOA___4 23759	35.36 0.51 0.00	30.34 0.55 0.00	27.85 0.75 0.00	28.50 0.71 0.00	30.56 0.69 0.00	32.67 0.38 0.00	31.86 0.32 0.00	31.93 0.38 0.00	31.95 0.36 0.00	32.14 0.36 0.00	32.64 0.42 0.00	31.67 0.42 0.00	36.13 0.43 -0.03	41.38 0.40 -0.05	43.82 0.43 -0.02	46.52 0.14 1.39	48.56 0.02 0.22	49.47 -0.08 0.00	49.71 0.02 0.00	56.16 -0.13 0.00	56.64 -0.19 0.00	54.13 0.09 0.00	42.96 0.16 0.00	36.15 0.27 0.00

GILBOA____ 23599	35.37 0.51 0.00	30.34 0.55 0.00	27.85 0.76 0.00	28.50 0.71 0.00	30.56 0.69 0.00	32.67 0.37 0.00	31.86 0.32 0.00	31.93 0.38 0.00	31.95 0.36 0.00	32.14 0.36 0.00	32.64 0.42 0.00	31.67 0.43 0.00	36.12 0.42 -0.03	41.37 0.39 -0.05	43.82 0.43 -0.02	46.52 0.14 1.39	48.56 0.02 0.22	49.47 -0.08 0.00	49.71 0.01 0.00	56.16 -0.13 0.00	56.64 -0.19 0.00	54.13 0.09 0.00	42.96 0.16 0.00	36.15 0.27 0.00
GINNA____ 23603	33.33 -1.53 0.00	28.38 -1.40 0.00	25.69 -1.40 0.00	26.21 -1.58 0.00	28.26 -1.61 0.00	30.47 -1.83 0.00	29.68 -1.86 0.00	29.55 -1.99 0.00	29.56 -2.03 0.00	29.83 -1.96 0.00	30.19 -2.03 0.00	29.35 -1.89 0.00	33.67 -2.00 0.00	39.01 -1.92 0.00	41.40 -1.97 0.00	40.98 -2.17 4.62	46.20 -1.79 0.78	48.12 -1.43 0.00	48.55 -1.14 0.00	55.37 -0.93 0.00	55.57 -1.27 0.00	52.30 -1.74 0.00	41.33 -1.46 0.00	34.56 -1.32 0.00
GLEN PARK____ 23778	36.81 1.96 0.00	31.26 1.48 0.00	28.33 1.24 0.00	29.11 1.32 0.00	31.37 1.49 0.00	33.96 1.67 0.00	33.02 1.48 0.00	32.65 1.10 0.00	32.33 0.75 0.00	32.39 0.61 0.00	32.52 0.30 0.00	31.27 0.02 0.00	35.64 -0.03 0.00	40.94 0.01 0.00	43.55 0.17 0.00	40.71 -0.08 6.98	47.91 0.22 1.08	50.33 0.78 0.00	51.23 1.54 0.00	59.80 3.50 0.00	61.90 5.06 0.00	59.24 5.20 0.00	46.28 3.49 0.00	37.42 1.54 0.00
GLENDALE_27_KV_LOAD 356172	36.81 1.96 0.00	31.61 1.83 0.00	28.66 1.57 0.00	29.25 1.46 0.00	31.33 1.46 0.00	33.46 1.17 0.00	32.93 1.39 0.00	33.31 1.76 0.00	33.59 2.01 0.00	33.94 2.16 0.00	34.62 2.41 0.00	33.70 2.46 0.00	38.62 2.76 -0.20	44.08 2.85 -0.30	46.55 3.06 -0.12	49.30 2.64 1.11	50.71 2.12 0.17	51.52 1.97 0.00	51.50 1.81 0.00	57.62 1.33 0.00	55.80 0.87 1.90	49.40 1.15 5.79	44.37 1.57 0.00	37.42 1.54 0.00
GLENWOOD_IC_1_G5 23712	36.84 1.99 0.00	31.52 1.73 0.00	28.59 1.50 0.00	29.20 1.40 0.00	31.26 1.39 0.00	33.43 1.13 0.00	32.78 1.24 0.00	33.08 1.54 0.00	33.31 1.72 0.00	33.64 1.86 0.00	34.63 2.35 -0.06	38.70 2.42 -5.03	45.75 2.81 -7.27	45.22 2.87 -1.42	46.42 2.93 -0.12	49.03 2.37 1.11	44.82 1.68 5.62	51.24 1.69 0.00	51.28 1.59 0.00	49.13 1.14 8.31	49.01 0.65 8.47	46.40 0.95 8.58	38.19 1.39 6.00	35.47 1.37 1.78
GLENWOOD_IC_2_G1 23688	36.68 1.83 0.00	31.40 1.61 0.00	28.50 1.41 0.00	29.11 1.32 0.00	31.17 1.30 0.00	33.33 1.04 0.00	32.69 1.15 0.00	32.98 1.43 0.00	33.20 1.62 0.00	33.58 1.79 0.00	34.48 2.21 -0.06	38.52 2.24 -5.03	43.29 2.51 -5.12	44.91 2.56 -1.42	46.11 2.62 -0.12	48.77 2.11 1.11	50.29 1.71 0.18	51.24 1.69 0.00	51.33 1.63 0.00	57.51 1.22 0.01	57.61 0.80 0.03	55.11 1.07 0.00	44.06 1.26 0.00	37.16 1.28 0.00
GLENWOOD_IC_3_G1 23689	36.68 1.83 0.00	31.40 1.61 0.00	28.50 1.41 0.00	29.11 1.32 0.00	31.17 1.30 0.00	33.33 1.04 0.00	32.69 1.15 0.00	32.98 1.43 0.00	33.20 1.62 0.00	33.58 1.79 0.00	34.48 2.21 -0.06	38.52 2.24 -5.03	43.29 2.51 -5.12	44.91 2.56 -1.42	46.11 2.62 -0.12	48.77 2.11 1.11	50.29 1.71 0.18	51.24 1.69 0.00	51.33 1.63 0.00	57.51 1.22 0.01	57.61 0.80 0.03	55.11 1.07 0.00	44.06 1.26 0.00	37.16 1.28 0.00
GLENWOOD____4 23550	36.84 1.99 0.00	31.52 1.73 0.00	28.59 1.50 0.00	29.20 1.40 0.00	31.26 1.39 0.00	33.43 1.13 0.00	32.78 1.24 0.00	33.08 1.54 0.00	33.31 1.73 0.00	33.69 1.91 0.00	34.67 2.39 -0.06	38.72 2.45 -5.03	45.75 2.81 -7.27	45.22 2.87 -1.42	46.42 2.93 -0.12	49.04 2.39 1.11	44.94 1.80 5.62	51.35 1.80 0.00	51.41 1.72 0.00	49.26 1.28 8.31	49.16 0.79 8.47	46.53 1.07 8.58	38.19 1.39 6.00	35.47 1.37 1.78
GLENWOOD____5 23614	36.84 1.99 0.00	31.52 1.73 0.00	28.59 1.50 0.00	29.20 1.40 0.00	31.26 1.39 0.00	33.43 1.13 0.00	32.78 1.24 0.00	33.08 1.54 0.00	33.31 1.73 0.00	33.69 1.91 0.00	34.67 2.39 -0.06	38.72 2.45 -5.03	45.75 2.81 -7.27	45.22 2.87 -1.42	46.42 2.93 -0.12	49.04 2.39 1.11	44.94 1.80 5.62	51.35 1.80 0.00	51.41 1.72 0.00	49.26 1.28 8.31	49.16 0.79 8.47	46.53 1.07 8.58	38.19 1.39 6.00	35.47 1.37 1.78
GLOBAL GREEN_PORT_GT1 23814	38.02 3.16 0.00	32.53 2.75 0.00	29.41 2.33 0.00	30.01 2.21 0.00	32.09 2.21 0.00	34.33 2.03 0.00	33.59 2.05 0.00	33.95 2.40 0.00	34.24 2.65 0.00	34.91 3.13 0.00	36.37 4.10 -0.06	40.59 4.32 -5.03	44.27 4.61 -3.99	47.01 4.66 -1.42	47.86 4.37 -0.12	49.86 3.37 1.28	33.48 3.22 18.50	51.36 3.48 1.67	53.05 3.36 0.00	32.23 2.83 26.89	32.12 2.25 26.96	28.56 2.52 27.99	25.53 2.29 19.55	31.99 1.90 5.80
GLOBE____DSASP 323697	33.80 -1.06 0.00	28.77 -1.02 0.00	25.92 -1.17 0.00	26.28 -1.51 0.00	28.50 -1.38 0.00	30.56 -1.74 0.00	29.46 -2.08 0.00	29.03 -2.52 0.00	29.10 -2.48 0.00	29.54 -2.25 0.00	29.65 -2.57 0.00	28.81 -2.43 0.00	33.42 -2.25 0.00	38.66 -2.27 0.00	40.39 -2.98 0.00	39.95 -2.97 4.85	45.64 -2.34 0.78	47.51 -2.04 0.00	47.83 -1.86 0.00	54.29 -2.01 0.00	54.17 -2.66 0.00	50.64 -3.40 0.00	40.45 -2.34 0.00	34.32 -1.56 0.00
GOETHSLN____LBMP 323567	36.56 1.71 0.00	31.32 1.53 0.00	28.44 1.35 0.00	29.02 1.22 0.00	31.10 1.22 0.00	33.23 0.93 0.00	32.67 1.13 0.00	33.00 1.45 0.00	33.25 1.67 0.00	33.60 1.82 0.00	34.28 2.06 0.00	33.34 2.09 0.00	38.20 2.34 -0.20	43.65 2.42 -0.30	46.06 2.57 -0.12	48.86 2.20 1.11	50.37 1.78 0.17	51.24 1.69 0.00	51.29 1.60 0.00	57.37 1.08 0.00	57.44 0.61 0.00	55.00 0.96 0.00	44.09 1.30 0.00	37.19 1.31 0.00
GOLAH____69_KV_TB 1_2 80279	35.23 0.37 0.00	29.95 0.16 0.00	27.06 -0.03 0.00	27.55 -0.25 0.00	29.74 -0.13 0.00	32.05 -0.25 0.00	31.15 -0.39 0.00	30.95 -0.60 0.00	30.88 -0.71 0.00	31.16 -0.62 0.00	31.46 -0.76 0.00	30.60 -0.64 0.00	35.32 -0.34 0.00	40.82 -0.11 0.00	43.23 -0.13 0.00	43.00 -0.04 4.73	48.49 0.50 0.77	50.49 0.94 0.00	51.04 1.35 0.00	58.31 2.01 0.00	58.52 1.68 0.00	54.98 0.94 0.00	43.49 0.70 0.00	36.41 0.52 0.00
GOODYEAR_LAKE_HYD 323669	36.00 1.14 0.00	30.69 0.90 0.00	27.95 0.86 0.00	28.59 0.80 0.00	30.67 0.79 0.00	33.02 0.73 0.00	32.24 0.70 0.00	32.21 0.67 0.00	32.31 0.73 0.00	32.66 0.88 0.00	33.20 0.98 0.00	32.33 1.09 0.00	37.04 1.38 0.00	42.45 1.53 0.00	44.98 1.61 0.00	46.77 1.64 2.63	50.12 1.77 0.41	51.39 1.84 0.00	51.71 2.02 0.00	58.82 2.53 0.00	59.22 2.39 0.00	56.12 2.08 0.00	44.37 1.57 0.00	37.08 1.20 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.93 0.08 0.00	29.83 0.05 0.00	27.16 0.08 0.00	27.75 -0.05 0.00	29.80 -0.08 0.00	32.09 -0.20 0.00	31.33 -0.21 0.00	31.30 -0.25 0.00	31.27 -0.31 0.00	31.46 -0.32 0.00	31.94 -0.27 0.00	31.05 -0.19 0.00	35.58 -0.09 0.00	40.85 -0.07 0.00	43.26 -0.11 0.00	41.19 -0.28 6.31	47.73 -0.05 0.98	49.56 0.01 0.00	49.95 0.26 0.00	56.86 0.56 0.00	57.37 0.54 0.00	54.25 0.21 0.00	42.98 0.18 0.00	36.01 0.13 0.00

GOUDEY___7 23579	34.93 0.08 0.00	29.83 0.05 0.00	27.16 0.08 0.00	27.75 -0.05 0.00	29.80 -0.08 0.00	32.09 -0.20 0.00	31.33 -0.21 0.00	31.30 -0.25 0.00	31.27 -0.31 0.00	31.46 -0.32 0.00	31.94 -0.27 0.00	31.05 -0.19 0.00	35.58 -0.09 0.00	40.85 -0.07 0.00	43.26 -0.11 0.00	41.19 -0.28 6.31	47.73 -0.05 0.98	49.56 0.01 0.00	49.95 0.26 0.00	56.86 0.56 0.00	57.37 0.54 0.00	54.25 0.21 0.00	42.98 0.18 0.00	36.01 0.13 0.00
GOUDEY___8 23580	34.93 0.08 0.00	29.83 0.05 0.00	27.16 0.08 0.00	27.75 -0.05 0.00	29.80 -0.08 0.00	32.09 -0.20 0.00	31.33 -0.21 0.00	31.30 -0.25 0.00	31.27 -0.31 0.00	31.46 -0.32 0.00	31.94 -0.27 0.00	31.05 -0.19 0.00	35.58 -0.09 0.00	40.85 -0.07 0.00	43.26 -0.11 0.00	41.19 -0.28 6.31	47.73 -0.05 0.98	49.56 0.01 0.00	49.95 0.26 0.00	56.86 0.56 0.00	57.37 0.54 0.00	54.25 0.21 0.00	42.98 0.18 0.00	36.01 0.13 0.00
GOWANUS_GT1_1 24077	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT1_2 24078	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT1_3 24079	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT1_4 24080	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT1_5 24084	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT1_6 24111	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00																

GOWANUS_GT2_6 24119	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT2_7 24120	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT2_8 24121	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_1 24122	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_2 24123	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_3 24124	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_4 24125	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_5 24126	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_6 24127	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_7 24128	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT3_8 24129	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
GOWANUS_GT4_1 24130	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT4_2 24131	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT4_3 24132	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT4_4 24133	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00

GOWANUS_GT4_5 24134	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT4_6 24135	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT4_7 24136	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GOWANUS_GT4_8 24137	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GREATVR_69_KV_BK1 356245	37.45 2.59 0.00	32.00 2.21 0.00	28.93 1.84 0.00	29.53 1.73 0.00	31.57 1.70 0.00	33.79 1.49 0.00	33.02 1.48 0.00	33.32 1.78 0.00	33.59 2.00 0.00	34.15 2.37 0.00	35.47 3.19 -0.06	39.63 3.36 -5.03	43.60 3.63 -4.30	46.00 3.65 -1.42	46.96 3.47 -0.12	48.99 2.51 1.29	32.84 2.06 17.98	49.84 2.15 1.85	51.81 2.12 0.00	32.04 1.73 25.99	32.03 1.27 26.07	28.56 1.57 27.04	25.55 1.64 18.89	31.80 1.52 5.60
GREENBSH_115KV_TB3 55895	35.16 0.31 0.00	30.31 0.52 0.00	27.76 0.67 0.00	28.44 0.65 0.00	30.49 0.62 0.00	32.66 0.36 0.00	31.93 0.39 0.00	31.92 0.38 0.00	31.81 0.23 0.00	31.89 0.11 0.00	32.30 0.09 0.00	31.16 -0.08 0.00	35.21 -0.30 0.15	40.25 -0.44 0.24	42.84 -0.44 0.10	46.16 -0.80 0.81	47.64 -1.00 0.13	48.59 -0.96 0.00	48.86 -0.83 0.00	55.25 -1.05 0.00	55.82 -1.02 0.00	53.31 -0.73 0.00	42.25 -0.54 0.00	35.59 -0.29 0.00
GREENDGE_115KV_TB5 80291	35.14 0.28 0.00	29.91 0.13 0.00	27.14 0.05 0.00	27.63 -0.17 0.00	29.77 -0.11 0.00	32.15 -0.15 0.00	31.39 -0.15 0.00	31.26 -0.29 0.00	31.06 -0.52 0.00	31.17 -0.62 0.00	31.50 -0.72 0.00	30.57 -0.67 0.00	35.12 -0.54 0.00	40.51 -0.42 0.00	42.93 -0.44 0.00	41.00 -0.42 6.36	47.82 0.06 1.00	49.81 0.26 0.00	50.48 0.78 0.00	57.82 1.52 0.00	58.30 1.46 0.00	54.84 0.80 0.00	43.48 0.69 0.00	36.36 0.48 0.00
GREENIDGE___3 23582	35.14 0.28 0.00	29.91 0.13 0.00	27.14 0.05 0.00	27.63 -0.17 0.00	29.77 -0.11 0.00	32.15 -0.15 0.00	31.39 -0.15 0.00	31.26 -0.29 0.00	31.06 -0.52 0.00	31.17 -0.62 0.00	31.50 -0.72 0.00	30.57 -0.67 0.00	35.12 -0.54 0.00	40.51 -0.42 0.00	42.93 -0.44 0.00	41.00 -0.42 6.36	47.82 0.06 1.00	49.81 0.26 0.00	50.48 0.78 0.00	57.82 1.52 0.00	58.30 1.46 0.00	54.84 0.80 0.00	43.48 0.69 0.00	36.36 0.48 0.00
GREENIDGE___4 23583	35.14 0.29 0.00	29.91 0.13 0.00	27.13 0.05 0.00	27.63 -0.17 0.00	29.77 -0.10 0.00	32.15 -0.15 0.00	31.39 -0.15 0.00	31.26 -0.29 0.00	31.06 -0.52 0.00	31.17 -0.62 0.00	31.49 -0.72 0.00	30.57 -0.68 0.00	35.12 -0.54 0.00	40.51 -0.42 0.00	42.93 -0.44 0.00	41.04 -0.38 6.36	47.82 0.06 1.00	49.82 0.27 0.00	50.48 0.78 0.00	57.81 1.51 0.00	58.29 1.46 0.00	54.85 0.81 0.00	43.47 0.68 0.00	36.37 0.48 0.00
GREENLWN_69_KV_BK 3 55738	36.63 1.77 0.00	31.36 1.57 0.00	28.37 1.28 0.00	28.97 1.17 0.00	31.00 1.13 0.00	33.16 0.87 0.00	32.36 0.82 0.00	32.59 1.04 0.00	32.81 1.22 0.00	33.35 1.57 0.00	34.66 2.38 -0.06	38.78 2.50 -5.03	42.53 2.70 -4.17	44.93 2.58 -1.42	45.76 2.26 -0.12	47.24 1.03 1.56	28.09 0.44 21.11	39.42 0.51 10.64	50.11 0.42 0.00	29.90 -0.17 26.23	29.84 -0.68 26.31	26.42 -0.32 27.30	23.92 0.20 19.07	30.70 0.47 5.65
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00
GRISSOM___SOLAR 323813	36.70 1.84 0.00	31.29 1.50 0.00	28.45 1.36 0.00	29.14 1.35 0.00	31.32 1.44 0.00	33.79 1.49 0.00	32.91 1.37 0.00	32.33 0.78 0.00	31.77 0.19 0.00	31.78 -0.01 0.00	32.14 -0.08 0.00	31.20 -0.04 0.00	35.53 -0.02 0.12	40.84 0.09 0.18	43.53 0.23 0.07	46.99 0.22 0.99	48.92 0.31 0.15	50.26 0.71 0.00	51.22 1.53 0.00	59.46 3.16 0.00	60.62 3.79 0.00	57.57 3.53 0.00	45.46 2.66 0.00	37.97 2.09 0.00
GROVEVILLE___HYD 323602	36.59 1.73 0.00	31.32 1.53 0.00	28.49 1.40 0.00	29.12 1.33 0.00	31.20 1.32 0.00	33.39 1.09 0.00	32.76 1.22 0.00	32.99 1.44 0.00	33.14 1.56 0.00	33.43 1.65 0.00	34.07 1.86 0.00	33.13 1.89 0.00	37.96 2.13 -0.16	43.40 2.23 -0.25	45.90 2.43 -0.10	48.89 2.23 1.11	50.68 2.10 0.17	51.71 2.16 0.00	51.90 2.20 0.00	58.33 2.04 0.00	58.52 1.69 0.00	55.85 1.81 0.00	44.43 1.63 0.00	37.38 1.50 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.72 -0.13 0.00	29.62 -0.16 0.00	26.96 -0.13 0.00	27.58 -0.22 0.00	29.64 -0.23 0.00	31.96 -0.33 0.00	31.24 -0.30 0.00	31.21 -0.34 0.00	31.14 -0.45 0.00	31.29 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.58 -0.35 0.00	43.12 -0.25 0.00	36.61 -0.76 10.40	46.50 -0.67 1.60	49.09 -0.46 0.00	49.59 -0.10 0.00	56.68 0.39 0.00	57.26 0.43 0.00	54.25 0.21 0.00	42.91 0.12 0.00	35.89 0.01 0.00
HAMLTNNY_34_KV_TB 80303	34.91 0.06 0.00	29.74 -0.04 0.00	27.06 -0.03 0.00	27.68 -0.11 0.00	29.71 -0.16 0.00	32.06 -0.24 0.00	31.30 -0.24 0.00	31.23 -0.31 0.00	31.12 -0.46 0.00	31.28 -0.50 0.00	31.72 -0.50 0.00	30.79 -0.45 0.00	35.26 -0.40 0.00	40.67 -0.25 0.00	43.21 -0.16 0.00	37.46 -0.59 9.73	46.85 -0.42 1.50	49.42 -0.13 0.00	49.98 0.29 0.00	57.17 0.87 0.00	57.68 0.85 0.00	54.54 0.50 0.00	43.14 0.35 0.00	36.09 0.21 0.00

HAMPSHIRE___PAPER_HYD 323593	35.85 0.99 0.00	30.52 0.73 0.00	27.63 0.54 0.00	28.46 0.66 0.00	30.71 0.84 0.00	33.36 1.06 0.00	32.43 0.89 0.00	32.27 0.72 0.00	32.20 0.62 0.00	32.37 0.58 0.00	32.60 0.38 0.00	31.47 0.23 0.00	35.95 0.28 0.00	41.30 0.37 0.00	43.89 0.52 0.00	44.88 0.31 3.19	48.60 0.33 0.49	49.99 0.44 0.00	50.45 0.76 0.00	58.21 1.91 0.00	59.59 2.76 0.00	56.95 2.91 0.00	44.84 2.04 0.00	36.76 0.88 0.00
HARDSCRABBLE_WT_PWR 323673	35.17 0.32 0.00	30.25 0.46 0.00	27.69 0.60 0.00	28.31 0.51 0.00	30.34 0.46 0.00	32.57 0.27 0.00	31.84 0.31 0.00	31.57 0.02 0.00	31.20 -0.38 0.00	31.16 -0.63 0.00	31.56 -0.65 0.00	30.67 -0.57 0.00	34.83 -0.83 0.00	39.93 -1.00 0.00	42.28 -1.09 0.00	45.63 -1.19 0.95	47.30 -1.31 0.15	48.54 -1.02 0.00	49.34 -0.35 0.00	56.39 0.09 0.00	57.10 0.27 0.00	54.39 0.35 0.00	42.86 0.07 0.00	36.02 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.45 1.60 0.00	31.17 1.38 0.00	28.32 1.23 0.00	28.93 1.14 0.00	31.01 1.14 0.00	33.19 0.90 0.00	32.56 1.02 0.00	32.81 1.26 0.00	32.99 1.41 0.00	33.29 1.51 0.00	33.97 1.75 0.00	33.02 1.77 0.00	37.86 2.02 -0.17	43.32 2.12 -0.27	45.78 2.30 -0.11	48.67 2.08 1.18	50.48 1.90 0.18	51.50 1.95 0.00	51.65 1.96 0.00	58.04 1.75 0.00	58.23 1.40 0.00	55.55 1.51 0.00	44.21 1.42 0.00	37.23 1.35 0.00
HARSNRAD_115KV_TB1 81005	34.43 -0.42 0.00	29.27 -0.52 0.00	26.36 -0.74 0.00	26.73 -1.07 0.00	28.98 -0.89 0.00	31.16 -1.14 0.00	30.03 -1.51 0.00	29.61 -1.93 0.00	29.59 -2.00 0.00	29.93 -1.86 0.00	29.98 -2.24 0.00	29.13 -2.12 0.00	33.83 -1.84 0.00	39.04 -1.89 0.00	41.07 -2.30 0.00	40.94 -1.96 4.87	46.54 -1.43 0.79	48.39 -1.16 0.00	48.78 -0.91 0.00	55.47 -0.82 0.00	55.41 -1.42 0.00	51.82 -2.22 0.00	41.32 -1.48 0.00	34.78 -1.10 0.00
HARZA MOOSE___RIVER 24016	36.10 1.24 0.00	30.79 1.01 0.00	27.97 0.88 0.00	28.68 0.89 0.00	30.87 1.00 0.00	33.40 1.10 0.00	32.51 0.97 0.00	32.37 0.83 0.00	32.22 0.64 0.00	32.32 0.54 0.00	32.63 0.41 0.00	31.55 0.30 0.00	36.03 0.36 0.00	41.36 0.44 0.00	43.95 0.58 0.00	44.69 0.48 3.55	48.89 0.68 0.55	50.57 1.02 0.00	51.16 1.47 0.00	58.89 2.60 0.00	59.96 3.13 0.00	57.06 3.02 0.00	44.84 2.05 0.00	36.76 0.88 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.47 -0.38 0.00	29.43 -0.36 0.00	26.77 -0.32 0.00	27.39 -0.41 0.00	29.44 -0.44 0.00	31.74 -0.56 0.00	31.00 -0.54 0.00	30.98 -0.57 0.00	30.94 -0.64 0.00	31.13 -0.66 0.00	31.59 -0.63 0.00	30.68 -0.56 0.00	35.10 -0.57 0.00	40.37 -0.55 0.00	42.85 -0.52 0.00	36.37 -1.03 10.37	46.24 -0.92 1.60	48.82 -0.73 0.00	49.24 -0.45 0.00	56.25 -0.04 0.00	56.81 -0.02 0.00	53.84 -0.20 0.00	42.59 -0.21 0.00	35.65 -0.23 0.00
HELLGATE_13_KV_LD 55870	36.86 2.01 0.00	31.68 1.89 0.00	28.72 1.63 0.00	29.31 1.51 0.00	31.40 1.52 0.00	33.52 1.22 0.00	33.00 1.46 0.00	33.37 1.83 0.00	33.66 2.07 0.00	34.01 2.22 0.00	34.68 2.47 0.00	33.76 2.52 0.00	38.69 2.83 -0.20	44.16 2.93 -0.30	46.62 3.12 -0.12	49.37 2.71 1.11	50.76 2.17 0.17	51.58 2.02 0.00	51.58 1.89 0.00	57.69 1.38 -0.01	56.50 0.92 1.25	51.42 1.20 3.82	44.44 1.64 0.00	37.47 1.59 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.86 2.01 0.00	31.68 1.89 0.00	28.72 1.63 0.00	29.31 1.51 0.00	31.40 1.52 0.00	33.52 1.22 0.00	33.00 1.46 0.00	33.37 1.83 0.00	33.66 2.07 0.00	34.01 2.22 0.00	34.68 2.47 0.00	33.76 2.52 0.00	38.69 2.83 -0.20	44.16 2.93 -0.30	46.62 3.12 -0.12	49.37 2.71 1.11	50.76 2.17 0.17	51.58 2.02 0.00	51.58 1.89 0.00	57.69 1.38 -0.01	56.50 0.92 1.25	51.42 1.20 3.82	44.44 1.64 0.00	37.47 1.59 0.00
HEMPSTEAD___ 23647	36.73 1.88 0.00	31.41 1.62 0.00	28.46 1.37 0.00	29.06 1.27 0.00	31.11 1.24 0.00	33.28 0.98 0.00	32.59 1.05 0.00	32.88 1.34 0.00	33.12 1.53 0.00	33.56 1.77 0.00	34.64 2.36 -0.06	38.69 2.41 -5.03	46.30 2.69 -7.95	45.02 2.67 -1.42	46.13 2.64 -0.12	48.51 1.85 1.11	41.65 1.35 8.46	50.90 1.35 0.00	50.96 1.27 0.00	44.40 0.75 12.65	44.27 0.29 12.85	41.58 0.62 13.08	34.64 0.98 9.14	34.23 1.05 2.71
HICKLING___1 23621	34.95 0.10 0.00	29.79 0.00 0.00	27.05 -0.04 0.00	27.50 -0.29 0.00	29.58 -0.29 0.00	31.97 -0.33 0.00	31.20 -0.34 0.00	31.06 -0.48 0.00	30.91 -0.67 0.00	31.10 -0.68 0.00	31.57 -0.65 0.00	30.70 -0.55 0.00	35.32 -0.34 0.00	40.68 -0.25 0.00	43.03 -0.34 0.00	41.26 -0.29 6.22	48.09 0.31 0.97	49.94 0.39 0.00	50.46 0.76 0.00	57.58 1.29 0.00	58.10 1.27 0.00	54.51 0.46 0.00	43.10 0.31 0.00	36.06 0.18 0.00
HICKLING___2 23622	34.95 0.10 0.00	29.79 0.00 0.00	27.05 -0.04 0.00	27.50 -0.29 0.00	29.58 -0.29 0.00	31.97 -0.33 0.00	31.20 -0.34 0.00	31.06 -0.48 0.00	30.91 -0.67 0.00	31.10 -0.68 0.00	31.57 -0.65 0.00	30.70 -0.55 0.00	35.32 -0.34 0.00	40.68 -0.25 0.00	43.03 -0.34 0.00	41.26 -0.29 6.22	48.09 0.31 0.97	49.94 0.39 0.00	50.46 0.76 0.00	57.58 1.29 0.00	58.10 1.27 0.00	54.51 0.46 0.00	43.10 0.31 0.00	36.06 0.18 0.00
HIGH FALLS___HY 23754	36.51 1.66 0.00	31.14 1.36 0.00	28.30 1.21 0.00	28.90 1.11 0.00	30.96 1.09 0.00	33.14 0.84 0.00	32.51 0.98 0.00	32.78 1.23 0.00	33.00 1.42 0.00	33.40 1.61 0.00	33.95 1.73 0.00	33.04 1.80 0.00	37.87 2.10 -0.11	43.32 2.23 -0.16	45.85 2.42 -0.07	48.09 2.37 2.04	50.78 2.20 0.18	51.96 2.41 0.00	52.21 2.52 0.00	58.73 2.44 0.00	58.91 2.07 0.00	56.12 2.08 0.00	44.64 1.84 0.00	37.50 1.62 0.00
HIGH_RIVER___SOLAR 323847	36.05 1.20 0.00	30.83 1.05 0.00	28.09 1.00 0.00	28.77 0.97 0.00	30.89 1.02 0.00	33.25 0.94 0.00	32.44 0.90 0.00	32.20 0.66 0.00	31.83 0.24 0.00	31.78 0.00 0.00	32.15 -0.07 0.00	31.19 -0.05 0.00	35.47 -0.07 0.13	40.79 0.05 0.20	43.32 0.03 0.08	46.94 0.03 0.86	48.61 -0.02 0.13	49.91 0.36 0.00	50.66 0.97 0.00	58.01 1.72 0.00	58.83 2.00 0.00	56.00 1.95 0.00	44.28 1.48 0.00	37.13 1.25 0.00
HILLBURN___GT 23639	36.39 1.54 0.00	31.13 1.34 0.00	28.26 1.17 0.00	28.87 1.08 0.00	30.93 1.06 0.00	33.10 0.80 0.00	32.47 0.94 0.00	32.76 1.21 0.00	32.95 1.37 0.00	33.27 1.49 0.00	33.96 1.74 0.00	32.99 1.75 0.00	37.82 1.97 -0.18	43.24 2.04 -0.27	45.65 2.17 -0.11	48.48 1.87 1.16	50.19 1.61 0.18	51.16 1.61 0.00	51.29 1.59 0.00	57.55 1.25 0.00	57.75 0.92 0.00	55.17 1.13 0.00	44.01 1.22 0.00	37.10 1.22 0.00
HILLSIDE_115KV_TB1 80332	34.44 -0.42 0.00	29.39 -0.40 0.00	26.74 -0.35 0.00	27.24 -0.56 0.00	29.26 -0.61 0.00	31.58 -0.72 0.00	30.83 -0.71 0.00	30.76 -0.78 0.00	30.67 -0.92 0.00	30.83 -0.95 0.00	31.32 -0.90 0.00	30.46 -0.79 0.00	34.99 -0.68 0.00	40.24 -0.69 0.00	42.55 -0.82 0.00	40.64 -0.87 6.26	47.38 -0.40 0.98	49.15 -0.40 0.00	49.58 -0.11 0.00	56.51 0.21 0.00	57.07 0.24 0.00	53.64 -0.40 0.00	42.49 -0.31 0.00	35.55 -0.33 0.00

HISHELDN_WT_PWR 323625	34.63 -0.22 0.00	29.43 -0.36 0.00	26.53 -0.56 0.00	26.85 -0.94 0.00	29.09 -0.78 0.00	31.34 -0.96 0.00	30.35 -1.18 0.00	29.97 -1.57 0.00	29.87 -1.71 0.00	30.23 -1.56 0.00	30.42 -1.79 0.00	29.55 -1.69 0.00	34.18 -1.49 0.00	39.46 -1.47 0.00	41.65 -1.72 0.00	41.25 -1.32 5.20	47.17 -0.76 0.83	49.00 -0.56 0.00	49.47 -0.22 0.00	56.44 0.14 0.00	56.63 -0.20 0.00	52.92 -1.12 0.00	42.03 -0.77 0.00	35.30 -0.58 0.00
HOLTSVILLE_IC_1 23690	36.83 1.98 0.00	31.53 1.75 0.00	28.51 1.42 0.00	29.11 1.32 0.00	31.15 1.27 0.00	33.31 1.01 0.00	32.53 0.99 0.00	32.81 1.27 0.00	33.03 1.44 0.00	33.58 1.80 0.00	34.90 2.62 -0.06	39.05 2.78 -5.03	42.56 2.92 -3.97	45.15 2.80 -1.42	46.02 2.53 -0.12	47.88 1.38 1.27	31.21 0.94 18.49	48.94 0.96 1.56	50.62 0.94 0.00	29.75 0.39 26.94	29.82 0.01 27.01	26.35 0.35 28.04	23.98 0.77 19.59	30.85 0.77 5.81
HOLTSVILLE_IC_10 23699	37.01 2.16 0.00	31.67 1.89 0.00	28.63 1.54 0.00	29.22 1.43 0.00	31.26 1.39 0.00	33.44 1.14 0.00	32.65 1.11 0.00	32.96 1.41 0.00	33.19 1.61 0.00	33.77 1.99 0.00	35.11 2.83 -0.06	39.27 3.00 -5.03	42.89 3.18 -4.05	45.47 3.12 -1.42	46.36 2.87 -0.12	48.24 1.78 1.31	31.60 1.37 18.53	48.94 1.39 2.00	51.06 1.37 0.00	30.44 0.85 26.71	30.50 0.45 26.79	27.01 0.77 27.80	24.45 1.08 19.42	31.13 1.00 5.76
HOLTSVILLE_IC_2 23691	36.83 1.98 0.00	31.53 1.75 0.00	28.51 1.42 0.00	29.11 1.32 0.00	31.15 1.27 0.00	33.31 1.01 0.00	32.53 0.99 0.00	32.81 1.27 0.00	33.03 1.44 0.00	33.58 1.80 0.00	34.90 2.62 -0.06	39.05 2.78 -5.03	42.56 2.92 -3.97	45.15 2.80 -1.42	46.02 2.53 -0.12	47.88 1.38 1.27	31.21 0.94 18.49	48.94 0.96 1.56	50.62 0.94 0.00	29.75 0.39 26.94	29.82 0.01 27.01	26.35 0.35 28.04	23.98 0.77 19.59	30.85 0.77 5.81
HOLTSVILLE_IC_3 23692	36.83 1.98 0.00	31.53 1.75 0.00	28.51 1.42 0.00	29.11 1.32 0.00	31.15 1.27 0.00	33.31 1.01 0.00	32.53 0.99 0.00	32.81 1.27 0.00	33.03 1.44 0.00	33.58 1.80 0.00	34.90 2.62 -0.06	39.05 2.78 -5.03	42.56 2.92 -3.97	45.15 2.80 -1.42	46.02 2.53 -0.12	47.88 1.38 1.27	31.21 0.94 18.49	48.94 0.96 1.56	50.62 0.94 0.00	29.75 0.39 26.94	29.82 0.01 27.01	26.35 0.35 28.04	23.98 0.77 19.59	30.85 0.77 5.81
HOLTSVILLE_IC_4 23693	36.83 1.98 0.00	31.53 1.75 0.00	28.51 1.42 0.00	29.11 1.32 0.00	31.15 1.27 0.00	33.31 1.01 0.00	32.53 0.99 0.00	32.81 1.27 0.00	33.03 1.44 0.00	33.58 1.80 0.00	34.90 2.62 -0.06	39.05 2.78 -5.03	42.56 2.92 -3.97	45.15 2.80 -1.42	46.02 2.53 -0.12	47.88 1.38 1.27	31.21 0.94 18.49	48.94 0.96 1.56	50.62 0.94 0.00	29.75 0.39 26.94	29.82 0.01 27.01	26.35 0.35 28.04	23.98 0.77 19.59	30.85 0.77 5.81
HOLTSVILLE_IC_5 23694	36.83 1.98 0.00	31.53 1.75 0.00	28.51 1.42 0.00	29.11 1.32 0.00	31.15 1.27 0.00	33.31 1.01 0.00	32.53 0.99 0.00	32.81 1.27 0.00	33.03 1.44 0.00	33.58 1.80 0.00	34.90 2.62 -0.06	39.05 2.78 -5.03	42.56 2.92 -3.97	45.15 2.80 -1.42	46.02 2.53 -0.12	47.88 1.38 1.27	31.21 0.94 18.49	48.94 0.96 1.56	50.62 0.94 0.00	29.75 0.39 26.94	29.82 0.01 27.01	26.35 0.35 28.04	23.98 0.77 19.59	30.85 0.77 5.81
HOLTSVILLE_IC_6 23695	37.01 2.16 0.00	31.67 1.89 0.00	28.63 1.54 0.00	29.22 1.43 0.00	31.26 1.39 0.00	33.44 1.14 0.00	32.65 1.11 0.00	32.96 1.41 0.00	33.19 1.61 0.00	33.77 1.99 0.00	35.11 2.83 -0.06	39.27 3.00 -5.03	42.89 3.18 -4.05	45.47 3.12 -1.42	46.36 2.87 -0.12	48.24 1.78 1.31	31.60 1.37 18.53	48.94 1.39 2.00	51.06 1.37 0.00	30.44 0.85 26.71	30.50 0.45 26.79	27.01 0.77 27.80	24.45 1.08 19.42	31.13 1.00 5.76
HOLTSVILLE_IC_7 23696	37.01 2.16 0.00	31.67 1.89 0.00	28.63 1.54 0.00	29.22 1.43 0.00	31.26 1.39 0.00	33.44 1.14 0.00	32.65 1.11 0.00	32.96 1.41 0.00	33.19 1.61 0.00	33.77 1.99 0.00	35.11 2.83 -0.06	39.27 3.00 -5.03	42.89 3.18 -4.05	45.47 3.12 -1.42	46.36 2.87 -0.12	48.24 1.78 1.31	31.60 1.37 18.53	48.94 1.39 2.00	51.06 1.37 0.00	30.44 0.85 26.71	30.50 0.45 26.79	27.01 0.77 27.80	24.45 1.08 19.42	31.13 1.00 5.76
HOLTSVILLE_IC_8 23697	37.01 2.16 0.00	31.67 1.89 0.00	28.63 1.54 0.00	29.22 1.43 0.00	31.26 1.39 0.00	33.44 1.14 0.00	32.65 1.11 0.00	32.96 1.41 0.00	33.19 1.61 0.00	33.77 1.99 0.00	35.11 2.83 -0.06	39.27 3.00 -5.03	42.89 3.18 -4.05	45.47 3.12 -1.42	46.36 2.87 -0.12	48.24 1.78 1.31	31.60 1.37 18.53	48.94 1.39 2.00	51.06 1.37 0.00	30.44 0.85 26.71	30.50 0.45 26.79	27.01 0.77 27.80	24.45 1.08 19.42	31.13 1.00 5.76
HOLTSVILLE_IC_9 23698	37.01 2.16 0.00	31.67 1.89 0.00	28.63 1.54 0.00	29.22 1.43 0.00	31.26 1.39 0.00	33.44 1.14 0.00	32.65 1.11 0.00	32.96 1.41 0.00	33.19 1.61 0.00	33.77 1.99 0.00	35.11 2.83 -0.06	39.27 3.00 -5.03	42.89 3.18 -4.05	45.47 3.12 -1.42	46.36 2.87 -0.12	48.24 1.78 1.31	31.60 1.37 18.53	48.94 1.39 2.00	51.06 1.37 0.00	30.44 0.85 26.71	30.50 0.45 26.79	27.01 0.77 27.80	24.45 1.08 19.42	31.13 1.00 5.76
HOMER_HL_115KV_TB2 355744	34.66 -0.19 0.00	29.44 -0.35 0.00	26.59 -0.50 0.00	27.02 -0.77 0.00	29.19 -0.68 0.00	31.37 -0.92 0.00	30.49 -1.05 0.00	30.39 -1.16 0.00	30.47 -1.11 0.00	30.82 -0.96 0.00	31.08 -1.14 0.00	30.15 -1.09 0.00	34.80 -0.87 0.00	39.95 -0.98 0.00	42.01 -1.37 0.00	41.55 -0.99 5.23	47.49 -0.43 0.84	48.86 -0.69 0.00	49.27 -0.42 0.00	56.07 -0.23 0.00	56.26 -0.57 0.00	52.85 -1.19 0.00	42.16 -0.63 0.00	35.65 -0.23 0.00
HOWARD_WT_PWR 323690	35.34 0.49 0.00	30.01 0.22 0.00	27.09 0.00 0.00	27.34 -0.45 0.00	29.64 -0.23 0.00	32.15 -0.15 0.00	31.26 -0.28 0.00	30.84 -0.70 0.00	30.54 -1.05 0.00	30.80 -0.98 0.00	31.09 -1.12 0.00	30.13 -1.12 0.00	34.68 -0.99 0.00	39.95 -0.97 0.00	42.21 -1.16 0.00	41.16 -0.74 5.87	47.80 -0.03 0.93	49.66 0.11 0.00	50.42 0.72 0.00	57.77 1.47 0.00	58.24 1.41 0.00	54.19 0.15 0.00	42.57 -0.23 0.00	35.59 -0.29 0.00
HQ_GEN_CEDARS 23644	35.17 0.31 0.00	29.98 0.19 0.00	27.10 0.01 0.00	28.00 0.21 0.00	30.24 0.36 0.00	32.94 0.65 0.00	32.06 0.52 0.00	32.05 0.50 0.00	32.24 0.65 0.00	32.52 0.74 0.00	32.81 0.60 0.00	31.74 0.49 0.00	36.30 0.63 0.00	41.75 0.82 0.00	44.25 0.88 0.00	47.74 0.88 0.90	49.53 0.90 0.14	50.18 0.63 0.00	50.21 0.51 0.00	57.27 0.98 0.00	58.18 1.35 0.00	55.44 1.41 0.00	43.83 1.04 0.00	36.55 0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	40.62 0.31 -5.45	29.98 0.19 0.00	27.10 0.01 0.00	28.00 0.21 0.00	30.24 0.36 0.00	32.94 0.65 0.00	32.06 0.52 0.00	32.05 0.50 0.00	32.24 0.65 0.00	32.52 0.74 0.00	32.81 0.60 0.00	31.74 0.49 0.00	36.30 0.63 0.00	41.75 0.82 0.00	44.25 0.88 0.00	47.74 0.88 0.90	49.52 0.90 0.14	58.27 0.63 -8.09	50.21 0.51 0.00	57.27 0.98 0.00	58.18 1.35 0.00	55.44 1.41 0.00	43.83 1.04 0.00	36.55 0.67 0.00

HQ_GEN_IMPORT 323601	34.85 0.00 0.00	29.71 -0.07 0.00	26.93 -0.16 0.00	27.74 -0.06 0.00	29.88 0.00 0.00	32.54 0.25 0.00	31.75 0.21 0.00	31.75 0.20 0.00	31.86 0.28 0.00	32.10 0.32 0.00	32.48 0.27 0.00	31.48 0.24 0.00	35.96 0.29 0.00	41.30 0.37 0.00	43.75 0.37 0.00	47.88 0.38 0.28	49.20 0.44 0.00	49.88 0.33 0.00	49.84 0.15 0.00	56.63 0.33 0.00	57.37 0.54 0.00	54.52 0.48 0.00	43.14 0.34 0.00	36.09 0.21 0.00
HQ_GEN_WHEEL 23651	34.85 0.00 0.00	29.71 -0.07 0.00	26.93 -0.16 0.00	27.74 -0.06 0.00	29.88 0.00 0.00	32.54 0.25 0.00	31.75 0.21 0.00	31.75 0.20 0.00	31.86 0.28 0.00	32.10 0.32 0.00	32.48 0.27 0.00	31.48 0.24 0.00	35.96 0.29 0.00	41.30 0.37 0.00	43.75 0.37 0.00	47.88 0.38 0.28	49.20 0.44 0.00	49.88 0.33 0.00	49.84 0.15 0.00	56.63 0.33 0.00	57.37 0.54 0.00	54.52 0.48 0.00	43.14 0.34 0.00	36.09 0.21 0.00
HUDSON AVE_GT_3 23810	36.75 1.90 0.00	31.49 1.70 0.00	28.60 1.52 0.00	29.20 1.41 0.00	31.28 1.41 0.00	33.43 1.13 0.00	32.87 1.33 0.00	33.20 1.65 0.00	33.45 1.87 0.00	33.81 2.02 0.00	34.49 2.27 0.00	33.55 2.31 0.00	38.44 2.58 -0.20	43.93 2.70 -0.30	46.35 2.86 -0.12	49.18 2.52 1.11	50.70 2.11 0.17	51.59 2.04 0.00	51.63 1.93 0.00	57.81 1.51 0.00	57.88 1.05 0.00	55.37 1.33 0.00	44.36 1.57 0.00	37.42 1.54 0.00
HUDSON AVE_GT_4 23540	36.75 1.90 0.00	31.49 1.70 0.00	28.60 1.52 0.00	29.20 1.41 0.00	31.28 1.41 0.00	33.43 1.13 0.00	32.87 1.33 0.00	33.20 1.65 0.00	33.45 1.87 0.00	33.81 2.02 0.00	34.49 2.27 0.00	33.55 2.31 0.00	38.44 2.58 -0.20	43.93 2.70 -0.30	46.35 2.86 -0.12	49.18 2.52 1.11	50.70 2.11 0.17	51.59 2.04 0.00	51.63 1.93 0.00	57.81 1.51 0.00	57.88 1.05 0.00	55.37 1.33 0.00	44.36 1.57 0.00	37.42 1.54 0.00
HUDSON AVE_GT_5 23657	36.75 1.90 0.00	31.49 1.70 0.00	28.60 1.52 0.00	29.20 1.41 0.00	31.28 1.41 0.00	33.43 1.13 0.00	32.87 1.33 0.00	33.20 1.65 0.00	33.45 1.87 0.00	33.81 2.02 0.00	34.49 2.27 0.00	33.55 2.31 0.00	38.44 2.58 -0.20	43.93 2.70 -0.30	46.35 2.86 -0.12	49.18 2.52 1.11	50.70 2.11 0.17	51.59 2.04 0.00	51.63 1.93 0.00	57.81 1.51 0.00	57.88 1.05 0.00	55.37 1.33 0.00	44.36 1.57 0.00	37.42 1.54 0.00
HUDSON_AVE_10 24168	36.63 1.78 0.00	31.41 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.33 1.04 0.00	32.77 1.23 0.00	33.10 1.56 0.00	33.37 1.78 0.00	33.72 1.93 0.00	34.37 2.16 0.00	33.41 2.17 0.00	38.26 2.40 -0.20	43.78 2.55 -0.30	46.20 2.71 -0.12	49.00 2.34 1.11	50.51 1.92 0.17	51.39 1.84 0.00	51.44 1.74 0.00	57.58 1.28 0.00	57.67 0.84 0.00	55.22 1.18 0.00	44.25 1.46 0.00	37.31 1.43 0.00
HUDSON___115KV_TB 4 355613	35.69 0.84 0.00	30.77 0.99 0.00	28.20 1.11 0.00	28.90 1.10 0.00	31.00 1.12 0.00	33.23 0.94 0.00	32.50 0.97 0.00	32.42 0.88 0.00	32.17 0.58 0.00	32.06 0.27 0.00	32.41 0.20 0.00	31.24 0.00 0.00	35.38 -0.19 0.10	40.55 -0.22 0.16	43.14 -0.16 0.07	43.12 -0.44 4.20	47.89 -0.74 0.13	49.00 -0.55 0.00	49.64 -0.05 0.00	56.46 0.16 0.00	57.18 0.35 0.00	54.60 0.56 0.00	43.13 0.34 0.00	36.22 0.34 0.00
HUNTER MOUNT___DRP 323613	35.70 0.84 0.00	30.80 1.02 0.00	28.26 1.17 0.00	28.98 1.18 0.00	31.08 1.21 0.00	33.35 1.05 0.00	32.62 1.08 0.00	32.52 0.98 0.00	32.23 0.65 0.00	32.03 0.25 0.00	32.35 0.13 0.00	31.20 -0.05 0.00	35.41 -0.19 0.06	40.67 -0.16 0.10	43.24 -0.09 0.04	41.63 -0.36 5.77	48.03 -0.59 0.14	49.16 -0.39 0.00	49.84 0.14 0.00	56.76 0.46 0.00	57.50 0.67 0.00	54.88 0.84 0.00	43.29 0.49 0.00	36.32 0.44 0.00
HUNTINGTON_RES_REC 323705	36.79 1.93 0.00	31.48 1.69 0.00	28.47 1.37 0.00	29.06 1.27 0.00	31.09 1.22 0.00	33.26 0.96 0.00	32.46 0.93 0.00	32.73 1.18 0.00	32.96 1.38 0.00	33.53 1.74 0.00	34.86 2.58 -0.06	39.03 2.75 -5.03	42.69 2.98 -4.05	45.25 2.90 -1.42	46.12 2.62 -0.12	47.45 1.38 1.69	29.64 0.89 20.01	45.00 0.91 5.46	50.54 0.85 0.00	29.94 0.27 26.63	29.96 -0.17 26.70	26.48 0.16 27.72	24.00 0.57 19.36	30.83 0.68 5.74
HUNTLEY___63 23557	34.61 -0.24 0.00	29.43 -0.36 0.00	26.49 -0.60 0.00	26.86 -0.94 0.00	29.11 -0.76 0.00	31.28 -1.01 0.00	30.18 -1.36 0.00	29.79 -1.75 0.00	29.82 -1.76 0.00	30.24 -1.55 0.00	30.40 -1.81 0.00	29.60 -1.65 0.00	34.36 -1.31 0.00	39.73 -1.20 0.00	41.74 -1.63 0.00	41.48 -1.39 4.90	47.16 -0.81 0.79	49.08 -0.47 0.00	49.46 -0.24 0.00	56.18 -0.12 0.00	56.06 -0.77 0.00	52.35 -1.69 0.00	41.81 -0.99 0.00	35.28 -0.60 0.00
HUNTLEY___64 23558	34.61 -0.24 0.00	29.43 -0.36 0.00	26.49 -0.60 0.00	26.86 -0.94 0.00	29.11 -0.76 0.00	31.28 -1.01 0.00	30.18 -1.36 0.00	29.79 -1.75 0.00	29.82 -1.76 0.00	30.24 -1.55 0.00	30.40 -1.81 0.00	29.60 -1.65 0.00	34.36 -1.31 0.00	39.73 -1.20 0.00	41.74 -1.63 0.00	41.48 -1.39 4.90	47.16 -0.81 0.79	49.08 -0.47 0.00	49.46 -0.24 0.00	56.18 -0.12 0.00	56.06 -0.77 0.00	52.35 -1.69 0.00	41.81 -0.99 0.00	35.28 -0.60 0.00
HUNTLEY___65 23559	34.61 -0.24 0.00	29.43 -0.36 0.00	26.49 -0.60 0.00	26.86 -0.94 0.00	29.11 -0.76 0.00	31.28 -1.01 0.00	30.18 -1.36 0.00	29.79 -1.75 0.00	29.82 -1.76 0.00	30.24 -1.55 0.00	30.40 -1.81 0.00	29.60 -1.65 0.00	34.36 -1.31 0.00	39.73 -1.20 0.00	41.74 -1.63 0.00	41.48 -1.39 4.90	47.16 -0.81 0.79	49.08 -0.47 0.00	49.46 -0.24 0.00	56.18 -0.12 0.00	56.06 -0.77 0.00	52.35 -1.69 0.00	41.81 -0.99 0.00	35.28 -0.60 0.00
HUNTLEY___66 23560	34.61 -0.24 0.00	29.43 -0.36 0.00	26.49 -0.60 0.00	26.86 -0.94 0.00	29.11 -0.76 0.00	31.28 -1.01 0.00	30.18 -1.36 0.00	29.79 -1.75 0.00	29.82 -1.76 0.00	30.24 -1.55 0.00	30.40 -1.81 0.00	29.60 -1.65 0.00	34.36 -1.31 0.00	39.73 -1.20 0.00	41.74 -1.63 0.00	41.48 -1.39 4.90	47.16 -0.81 0.79	49.08 -0.47 0.00	49.46 -0.24 0.00	56.18 -0.12 0.00	56.06 -0.77 0.00	52.35 -1.69 0.00	41.81 -0.99 0.00	35.28 -0.60 0.00
HUNTLEY___67 23561	34.40 -0.45 0.00	29.25 -0.53 0.00	26.36 -0.73 0.00	26.72 -1.07 0.00	28.96 -0.92 0.00	31.11 -1.19 0.00	30.04 -1.50 0.00	29.66 -1.89 0.00	29.71 -1.87 0.00	30.13 -1.65 0.00	30.28 -1.93 0.00	29.44 -1.80 0.00	34.14 -1.53 0.00	39.48 -1.45 0.00	41.53 -1.84 0.00	41.27 -1.58 4.92	47.04 -0.93 0.79	48.89 -0.66 0.00	49.25 -0.44 0.00	55.97 -0.32 0.00	55.92 -0.91 0.00	52.24 -1.80 0.00	41.62 -1.17 0.00	35.02 -0.86 0.00
HUNTLEY___68 23562	34.40 -0.45 0.00	29.25 -0.53 0.00	26.36 -0.73 0.00	26.72 -1.07 0.00	28.96 -0.92 0.00	31.11 -1.19 0.00	30.04 -1.50 0.00	29.66 -1.89 0.00	29.71 -1.87 0.00	30.13 -1.65 0.00	30.28 -1.93 0.00	29.44 -1.80 0.00	34.14 -1.53 0.00	39.48 -1.45 0.00	41.53 -1.84 0.00	41.27 -1.58 4.92	47.04 -0.93 0.79	48.89 -0.66 0.00	49.25 -0.44 0.00	55.97 -0.32 0.00	55.92 -0.91 0.00	52.24 -1.80 0.00	41.62 -1.17 0.00	35.02 -0.86 0.00

HYLAND___LFGE 323620	36.61 1.76 0.00	31.10 1.31 0.00	28.03 0.94 0.00	28.44 0.65 0.00	30.78 0.91 0.00	33.32 1.03 0.00	32.53 0.99 0.00	31.97 0.43 0.00	31.08 -0.50 0.00	31.37 -0.41 0.00	31.71 -0.51 0.00	30.76 -0.48 0.00	35.25 -0.42 0.00	40.11 -0.82 0.00	42.29 -1.08 0.00	41.56 -0.88 5.33	47.55 -0.36 0.85	49.55 0.00 0.00	50.25 0.56 0.00	58.77 2.48 0.00	59.94 3.11 0.00	56.41 2.38 0.00	44.41 1.62 0.00	37.79 1.91 0.00
INDECK___CORINTH 23802	36.19 1.33 0.00	30.98 1.20 0.00	28.25 1.16 0.00	28.91 1.12 0.00	31.02 1.15 0.00	33.30 1.01 0.00	32.64 1.10 0.00	32.57 1.02 0.00	32.34 0.76 0.00	32.28 0.49 0.00	32.43 0.21 0.00	31.50 0.26 0.00	35.58 0.08 0.17	40.75 0.08 0.26	43.48 0.21 0.11	47.09 0.10 0.78	48.91 0.27 0.12	50.28 0.73 0.00	51.14 1.45 0.00	58.33 2.03 0.00	59.06 2.23 0.00	56.21 2.17 0.00	44.13 1.34 0.00	37.29 1.40 0.00
INDECK___ILION 23567	35.09 0.23 0.00	30.10 0.31 0.00	27.48 0.39 0.00	28.13 0.34 0.00	30.18 0.30 0.00	32.46 0.17 0.00	31.73 0.19 0.00	31.59 0.05 0.00	31.40 -0.18 0.00	31.47 -0.32 0.00	31.90 -0.31 0.00	30.97 -0.28 0.00	35.25 -0.42 0.00	40.42 -0.50 0.00	42.83 -0.54 0.00	46.18 -0.64 0.95	47.91 -0.70 0.15	49.02 -0.53 0.00	49.54 -0.15 0.00	56.41 0.11 0.00	57.02 0.19 0.00	54.27 0.23 0.00	42.87 0.07 0.00	35.98 0.10 0.00
INDECK___OLEAN 23982	34.66 -0.19 0.00	29.44 -0.35 0.00	26.59 -0.50 0.00	27.02 -0.77 0.00	29.20 -0.68 0.00	31.37 -0.92 0.00	30.49 -1.05 0.00	30.39 -1.16 0.00	30.47 -1.12 0.00	30.83 -0.95 0.00	31.09 -1.13 0.00	30.16 -1.09 0.00	34.80 -0.87 0.00	39.92 -1.01 0.00	42.01 -1.36 0.00	41.65 -0.89 5.23	47.50 -0.43 0.84	48.86 -0.69 0.00	49.27 -0.42 0.00	56.06 -0.24 0.00	56.26 -0.57 0.00	52.86 -1.17 0.00	42.15 -0.64 0.00	35.66 -0.22 0.00
INDECK___OSWEGO 23783	34.14 -0.71 0.00	29.15 -0.64 0.00	26.52 -0.57 0.00	27.14 -0.65 0.00	29.19 -0.68 0.00	31.45 -0.85 0.00	30.54 -1.00 0.00	30.43 -1.11 0.00	30.38 -1.20 0.00	30.55 -1.24 0.00	30.95 -1.26 0.00	30.03 -1.21 0.00	34.32 -1.35 0.00	39.44 -1.49 0.00	41.83 -1.54 0.00	33.29 -2.30 12.18	44.61 -2.26 1.88	47.45 -2.10 0.00	47.86 -1.83 0.00	54.81 -1.49 0.00	55.54 -1.29 0.00	52.75 -1.29 0.00	41.74 -1.05 0.00	35.09 -0.79 0.00
INDECK___YERKES 23781	34.64 -0.21 0.00	29.46 -0.33 0.00	26.52 -0.58 0.00	26.88 -0.92 0.00	29.14 -0.73 0.00	31.31 -0.99 0.00	30.21 -1.33 0.00	29.82 -1.72 0.00	29.85 -1.73 0.00	30.27 -1.51 0.00	30.43 -1.78 0.00	29.63 -1.61 0.00	34.39 -1.27 0.00	39.76 -1.17 0.00	41.77 -1.60 0.00	41.63 -1.24 4.90	47.17 -0.80 0.79	49.07 -0.48 0.00	49.45 -0.24 0.00	56.16 -0.14 0.00	56.05 -0.78 0.00	52.36 -1.68 0.00	41.82 -0.97 0.00	35.31 -0.57 0.00
INDIAN POINT_GT_1 24139	36.37 1.51 0.00	31.15 1.37 0.00	28.31 1.22 0.00	28.92 1.12 0.00	30.98 1.11 0.00	33.13 0.84 0.00	32.51 0.97 0.00	32.77 1.23 0.00	32.97 1.38 0.00	33.28 1.49 0.00	33.95 1.73 0.00	33.00 1.76 0.00	37.81 1.95 -0.19	43.22 2.00 -0.30	45.62 2.13 -0.12	48.43 1.78 1.12	50.07 1.48 0.17	51.01 1.46 0.00	51.13 1.44 0.00	57.38 1.08 0.00	57.58 0.75 0.00	55.04 1.00 0.00	43.93 1.14 0.00	37.06 1.17 0.00
INDIAN POINT_GT_2 23659	36.37 1.51 0.00	31.15 1.37 0.00	28.31 1.22 0.00	28.92 1.12 0.00	30.98 1.11 0.00	33.13 0.84 0.00	32.51 0.97 0.00	32.77 1.23 0.00	32.97 1.38 0.00	33.28 1.49 0.00	33.95 1.73 0.00	33.00 1.76 0.00	37.81 1.95 -0.19	43.22 2.00 -0.30	45.62 2.13 -0.12	48.43 1.78 1.12	50.07 1.48 0.17	51.01 1.46 0.00	51.13 1.44 0.00	57.38 1.08 0.00	57.58 0.75 0.00	55.04 1.00 0.00	43.93 1.14 0.00	37.06 1.17 0.00
INDIAN POINT_GT_3 24019	36.37 1.51 0.00	31.15 1.37 0.00	28.31 1.22 0.00	28.92 1.12 0.00	30.98 1.11 0.00	33.13 0.84 0.00	32.51 0.97 0.00	32.77 1.23 0.00	32.97 1.38 0.00	33.28 1.49 0.00	33.95 1.73 0.00	33.00 1.76 0.00	37.81 1.95 -0.19	43.22 2.00 -0.30	45.62 2.13 -0.12	48.43 1.78 1.12	50.07 1.48 0.17	51.01 1.46 0.00	51.13 1.44 0.00	57.38 1.08 0.00	57.58 0.75 0.00	55.04 1.00 0.00	43.93 1.14 0.00	37.06 1.17 0.00
INDIAN POINT___2 23530	36.34 1.49 0.00	31.11 1.33 0.00	28.26 1.18 0.00	28.87 1.08 0.00	30.93 1.06 0.00	33.09 0.80 0.00	32.47 0.93 0.00	32.74 1.20 0.00	32.93 1.34 0.00	33.23 1.45 0.00	33.91 1.69 0.00	32.96 1.72 0.00	37.76 1.90 -0.19	43.17 1.95 -0.29	45.56 2.07 -0.12	48.36 1.73 1.14	50.01 1.42 0.18	50.95 1.40 0.00	51.07 1.37 0.00	57.32 1.02 0.00	57.51 0.68 0.00	54.97 0.93 0.00	43.89 1.09 0.00	37.01 1.13 0.00
INDIAN POINT___3 23531	36.32 1.47 0.00	31.10 1.32 0.00	28.26 1.18 0.00	28.88 1.09 0.00	30.94 1.07 0.00	33.09 0.80 0.00	32.47 0.93 0.00	32.73 1.19 0.00	32.92 1.33 0.00	33.23 1.44 0.00	33.89 1.67 0.00	32.93 1.69 0.00	37.73 1.87 -0.19	43.13 1.91 -0.30	45.53 2.03 -0.12	48.34 1.69 1.12	49.96 1.38 0.17	50.91 1.36 0.00	51.03 1.34 0.00	57.26 0.97 0.00	57.48 0.65 0.00	54.94 0.90 0.00	43.85 1.06 0.00	36.99 1.11 0.00
INGHAM_C_115KV_TB7 356103	35.16 0.31 0.00	30.28 0.49 0.00	27.75 0.66 0.00	28.35 0.56 0.00	30.37 0.49 0.00	32.56 0.26 0.00	31.84 0.30 0.00	31.51 -0.04 0.00	31.01 -0.58 0.00	30.88 -0.90 0.00	31.27 -0.94 0.00	30.42 -0.83 0.00	34.50 -1.17 0.00	39.53 -1.40 0.00	41.84 -1.53 0.00	45.16 -1.66 0.95	46.79 -1.82 0.15	48.08 -1.47 0.00	49.05 -0.65 0.00	56.19 -0.10 0.00	56.96 0.13 0.00	54.30 0.26 0.00	42.78 -0.02 0.00	35.99 0.11 0.00
IP CORINTH___1 23988	36.37 1.51 0.00	31.14 1.35 0.00	28.39 1.30 0.00	29.06 1.26 0.00	31.18 1.30 0.00	33.47 1.17 0.00	32.80 1.26 0.00	32.73 1.18 0.00	32.50 0.91 0.00	32.44 0.65 0.00	32.59 0.37 0.00	31.66 0.42 0.00	35.77 0.27 0.17	40.98 0.31 0.26	43.72 0.46 0.11	47.37 0.38 0.78	49.18 0.54 0.12	50.56 1.01 0.00	51.44 1.75 0.00	58.66 2.36 0.00	59.39 2.56 0.00	56.52 2.48 0.00	44.38 1.58 0.00	37.50 1.61 0.00
IP___TICONDEROGA 23804	38.23 3.38 0.00	32.64 2.86 0.00	29.74 2.65 0.00	30.40 2.61 0.00	32.63 2.76 0.00	34.89 2.59 0.00	34.38 2.85 0.00	34.14 2.59 0.00	33.65 2.07 0.00	33.40 1.61 0.00	33.51 1.29 0.00	32.63 1.39 0.00	36.87 1.38 0.17	42.38 1.72 0.27	45.07 1.81 0.11	48.92 1.93 0.78	51.02 2.38 0.12	52.73 3.18 0.00	53.37 3.68 0.00	61.79 5.49 0.00	62.83 6.00 0.00	59.91 5.88 0.00	46.85 4.05 0.00	39.88 3.99 0.00
ISLIP_RES_REC 323679	37.20 2.34 0.00	31.84 2.06 0.00	28.77 1.68 0.00	29.37 1.57 0.00	31.42 1.54 0.00	33.60 1.31 0.00	32.82 1.28 0.00	33.15 1.60 0.00	33.41 1.83 0.00	34.00 2.21 0.00	35.34 3.07 -0.06	39.53 3.25 -5.03	43.25 3.49 -4.10	45.80 3.46 -1.42	46.75 3.25 -0.12	48.69 2.23 1.31	32.20 1.86 18.42	49.47 1.89 1.97	51.55 1.87 0.00	31.12 1.39 26.56	31.16 0.97 26.64	27.61 1.22 27.64	24.90 1.41 19.31	31.41 1.25 5.72

JAMAICA__27_KV_LOAD 355505	36.88 2.03 0.00	31.68 1.89 0.00	28.80 1.71 0.00	29.40 1.60 0.00	31.48 1.61 0.00	33.57 1.28 0.00	33.02 1.48 0.00	33.34 1.79 0.00	33.62 2.04 0.00	33.97 2.19 0.00	34.57 2.36 0.00	33.59 2.35 0.00	38.45 2.58 -0.20	44.04 2.81 -0.30	46.49 3.00 -0.12	49.30 2.64 1.11	50.81 2.22 0.17	51.69 2.14 0.00	51.79 2.09 0.00	57.98 1.68 0.00	58.07 1.24 0.00	55.74 1.70 0.00	44.69 1.89 0.00	37.62 1.74 0.00
JANIS__SOLAR 323808	36.16 1.30 0.00	30.81 1.03 0.00	28.03 0.94 0.00	28.64 0.85 0.00	30.69 0.81 0.00	33.12 0.82 0.00	32.45 0.91 0.00	32.96 1.42 0.00	32.49 0.91 0.00	32.41 0.63 0.00	32.76 0.54 0.00	31.61 0.37 0.00	36.22 0.56 0.00	41.48 0.56 0.00	44.08 0.71 0.00	42.12 0.66 6.31	48.83 1.04 0.97	51.01 1.46 0.00	51.82 2.13 0.00	59.85 3.56 0.00	60.55 3.72 0.00	57.04 3.00 0.00	44.81 2.01 0.00	37.25 1.37 0.00
JARVIS____ 23743	34.95 0.10 0.00	29.91 0.12 0.00	27.24 0.15 0.00	27.91 0.12 0.00	29.99 0.11 0.00	32.33 0.03 0.00	31.57 0.03 0.00	31.58 0.03 0.00	31.59 0.00 0.00	31.76 -0.03 0.00	32.21 -0.01 0.00	31.23 -0.02 0.00	35.63 -0.04 0.00	40.84 -0.08 0.00	43.31 -0.06 0.00	46.63 -0.19 0.95	48.37 -0.24 0.15	49.36 -0.19 0.00	49.59 -0.10 0.00	56.25 -0.04 0.00	56.77 -0.06 0.00	54.02 -0.02 0.00	42.76 -0.03 0.00	35.86 -0.02 0.00
JENNISON____1 23625	36.21 1.36 0.00	30.96 1.18 0.00	28.17 1.08 0.00	28.78 0.99 0.00	30.62 0.74 0.00	33.06 0.76 0.00	32.28 0.74 0.00	31.88 0.34 0.00	32.75 1.16 0.00	33.54 1.76 0.00	33.86 1.65 0.00	33.02 1.77 0.00	37.85 2.18 0.00	43.16 2.18 -0.05	45.77 2.37 -0.03	46.28 2.41 3.90	50.84 2.68 0.60	52.55 3.00 0.00	52.98 3.29 0.00	60.63 4.33 0.00	60.93 4.10 0.00	57.16 3.12 0.00	44.81 2.02 0.00	37.19 1.30 0.00
JENNISON____2 23626	36.21 1.36 0.00	30.96 1.18 0.00	28.17 1.08 0.00	28.78 0.99 0.00	30.62 0.74 0.00	33.06 0.76 0.00	32.28 0.74 0.00	31.88 0.34 0.00	32.75 1.16 0.00	33.54 1.76 0.00	33.86 1.65 0.00	33.02 1.77 0.00	37.85 2.18 0.00	43.16 2.18 -0.05	45.77 2.37 -0.03	46.28 2.41 3.90	50.84 2.68 0.60	52.55 3.00 0.00	52.98 3.29 0.00	60.63 4.33 0.00	60.93 4.10 0.00	57.16 3.12 0.00	44.81 2.02 0.00	37.19 1.30 0.00
JERICOHO_RISE_WT_PWR 323719	35.10 0.25 0.00	29.91 0.12 0.00	26.98 -0.11 0.00	27.80 0.01 0.00	30.04 0.17 0.00	32.77 0.47 0.00	31.95 0.41 0.00	31.93 0.38 0.00	32.13 0.54 0.00	32.43 0.64 0.00	32.72 0.51 0.00	31.65 0.41 0.00	36.13 0.46 0.00	41.51 0.58 0.00	43.93 0.56 0.00	47.62 0.53 0.68	49.28 0.63 0.10	50.11 0.56 0.00	50.07 0.37 0.00	57.07 0.77 0.00	57.89 1.06 0.00	54.99 0.95 0.00	43.34 0.54 0.00	36.08 0.20 0.00
KATONAH__115KV_46KV_TB4 355592	36.43 1.57 0.00	31.21 1.42 0.00	28.39 1.30 0.00	29.00 1.21 0.00	31.07 1.20 0.00	33.23 0.94 0.00	32.62 1.08 0.00	32.86 1.32 0.00	33.04 1.46 0.00	33.36 1.57 0.00	34.03 1.81 0.00	33.08 1.84 0.00	37.92 2.05 -0.20	43.39 2.15 -0.31	45.79 2.30 -0.12	48.70 2.02 1.09	50.32 1.73 0.17	51.30 1.75 0.00	51.43 1.73 0.00	57.73 1.44 0.00	57.93 1.10 0.00	55.33 1.29 0.00	44.09 1.30 0.00	37.15 1.27 0.00
KCE_NY_1 323755	36.33 1.48 0.00	31.18 1.39 0.00	28.42 1.33 0.00	29.09 1.30 0.00	31.24 1.37 0.00	33.53 1.24 0.00	32.84 1.30 0.00	32.74 1.20 0.00	32.57 0.98 0.00	32.57 0.78 0.00	32.92 0.70 0.00	31.95 0.71 0.00	36.19 0.70 0.18	41.54 0.89 0.28	44.23 0.97 0.11	47.94 0.94 0.78	49.59 0.94 0.12	50.82 1.27 0.00	51.40 1.71 0.00	58.35 2.05 0.00	58.93 2.10 0.00	56.15 2.11 0.00	44.29 1.50 0.00	37.32 1.44 0.00
KCE_NY_6_ESR 323823	34.77 -0.08 0.00	29.53 -0.25 0.00	26.62 -0.47 0.00	26.98 -0.82 0.00	29.21 -0.67 0.00	31.43 -0.86 0.00	30.40 -1.14 0.00	30.05 -1.50 0.00	30.09 -1.49 0.00	30.51 -1.27 0.00	30.68 -1.53 0.00	29.87 -1.38 0.00	34.63 -1.04 0.00	40.01 -0.91 0.00	42.17 -1.21 0.00	42.11 -0.66 5.00	47.89 -0.07 0.80	49.72 0.17 0.00	50.11 0.42 0.00	56.96 0.66 0.00	56.99 0.16 0.00	53.18 -0.86 0.00	42.30 -0.49 0.00	35.50 -0.38 0.00
KEDC_PORT_JEFF_GT2 24210	36.91 2.06 0.00	31.59 1.80 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.18 1.31 0.00	33.35 1.05 0.00	32.57 1.03 0.00	32.87 1.32 0.00	33.10 1.52 0.00	33.68 1.89 0.00	35.01 2.73 -0.06	39.19 2.91 -5.03	42.76 3.08 -4.02	45.35 3.01 -1.42	46.25 2.76 -0.12	48.05 1.62 1.33	31.18 1.09 18.67	48.18 0.83 2.20	50.46 0.78 0.00	29.71 0.20 26.79	29.93 -0.03 26.87	26.63 0.48 27.89	24.23 0.91 19.48	30.97 0.87 5.78
KEDC_PORT_JEFF_GT3 24211	36.91 2.06 0.00	31.59 1.80 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.18 1.31 0.00	33.35 1.05 0.00	32.57 1.03 0.00	32.87 1.32 0.00	33.10 1.52 0.00	33.68 1.89 0.00	35.01 2.73 -0.06	39.19 2.91 -5.03	42.76 3.08 -4.02	45.35 3.01 -1.42	46.25 2.76 -0.12	48.05 1.62 1.33	31.18 1.09 18.67	48.18 0.83 2.20	50.46 0.78 0.00	29.71 0.20 26.79	29.93 -0.03 26.87	26.63 0.48 27.89	24.23 0.91 19.48	30.97 0.87 5.78
KEDC_GLWD_GT4 24219	36.84 1.99 0.00	31.52 1.73 0.00	28.59 1.50 0.00	29.20 1.41 0.00	31.26 1.39 0.00	33.43 1.13 0.00	32.78 1.24 0.00	33.08 1.54 0.00	33.30 1.72 0.00	33.64 1.86 0.00	34.62 2.35 -0.06	38.69 2.42 -5.03	45.75 2.81 -7.27	45.22 2.88 -1.42	46.42 2.92 -0.12	49.00 2.35 1.11	44.82 1.68 5.62	51.24 1.69 0.00	51.29 1.60 0.00	49.12 1.13 8.31	49.02 0.65 8.47	46.39 0.94 8.58	38.19 1.39 6.00	35.47 1.37 1.78
KEDC_GLWD_GT5 24220	36.84 1.99 0.00	31.52 1.73 0.00	28.59 1.50 0.00	29.20 1.41 0.00	31.26 1.39 0.00	33.43 1.13 0.00	32.78 1.24 0.00	33.08 1.54 0.00	33.30 1.72 0.00	33.64 1.86 0.00	34.62 2.35 -0.06	38.69 2.42 -5.03	45.75 2.81 -7.27	45.22 2.88 -1.42	46.42 2.92 -0.12	49.00 2.35 1.11	44.82 1.68 5.62	51.24 1.69 0.00	51.29 1.60 0.00	49.12 1.13 8.31	49.02 0.65 8.47	46.39 0.94 8.58	38.19 1.39 6.00	35.47 1.37 1.78
KENSICO____ 23655	36.47 1.62 0.00	31.25 1.46 0.00	28.40 1.31 0.00	29.01 1.22 0.00	31.08 1.20 0.00	33.23 0.93 0.00	32.62 1.08 0.00	32.89 1.35 0.00	33.09 1.50 0.00	33.42 1.63 0.00	34.10 1.88 0.00	33.15 1.91 0.00	37.98 2.12 -0.20	43.41 2.18 -0.30	45.81 2.31 -0.12	48.63 1.98 1.11	50.22 1.63 0.17	51.15 1.60 0.00	51.25 1.55 0.00	57.49 1.19 0.00	57.67 0.83 0.00	55.12 1.09 0.00	44.04 1.24 0.00	37.14 1.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.43 1.58 0.00	31.11 1.32 0.00	28.27 1.18 0.00	28.89 1.10 0.00	30.96 1.09 0.00	33.14 0.84 0.00	32.51 0.97 0.00	32.75 1.20 0.00	32.92 1.33 0.00	33.27 1.48 0.00	33.79 1.57 0.00	32.85 1.61 0.00	37.64 1.85 -0.12	43.13 2.02 -0.18	45.64 2.20 -0.07	48.10 2.14 1.81	50.54 1.97 0.19	51.74 2.19 0.00	52.02 2.32 0.00	58.55 2.25 0.00	58.79 1.95 0.00	56.00 1.96 0.00	44.51 1.72 0.00	37.40 1.52 0.00

KIAC_JFK_GT1 23816	36.53 1.67 0.00	31.47 1.68 0.00	28.62 1.54 0.00	29.22 1.43 0.00	31.29 1.42 0.00	33.34 1.04 0.00	32.70 1.17 0.00	33.03 1.48 0.00	33.34 1.76 0.00	33.72 1.94 0.00	34.28 2.07 0.00	33.28 2.04 0.00	38.09 2.23 -0.20	43.63 2.40 -0.30	46.06 2.57 -0.12	48.81 2.15 1.11	50.30 1.71 0.17	51.17 1.62 0.00	51.24 1.55 0.00	57.37 1.07 0.00	57.47 0.64 0.00	55.15 1.11 0.00	44.22 1.42 0.00	37.25 1.37 0.00
KIAC_JFK_GT2 23817	36.53 1.67 0.00	31.47 1.68 0.00	28.62 1.54 0.00	29.22 1.43 0.00	31.29 1.42 0.00	33.34 1.04 0.00	32.70 1.17 0.00	33.03 1.48 0.00	33.34 1.76 0.00	33.72 1.94 0.00	34.28 2.07 0.00	33.28 2.04 0.00	38.09 2.23 -0.20	43.63 2.40 -0.30	46.06 2.57 -0.12	48.81 2.15 1.11	50.30 1.71 0.17	51.17 1.62 0.00	51.24 1.55 0.00	57.37 1.07 0.00	57.47 0.64 0.00	55.15 1.11 0.00	44.22 1.42 0.00	37.25 1.37 0.00
KIAC_JFK____ 323774	36.53 1.67 0.00	31.47 1.68 0.00	28.62 1.53 0.00	29.22 1.43 0.00	31.29 1.42 0.00	33.34 1.04 0.00	32.70 1.17 0.00	33.03 1.48 0.00	33.34 1.76 0.00	33.72 1.94 0.00	34.28 2.07 0.00	33.28 2.04 0.00	38.09 2.23 -0.20	43.63 2.40 -0.30	46.06 2.57 -0.12	48.80 2.14 1.11	50.30 1.71 0.17	51.17 1.62 0.00	51.24 1.55 0.00	57.36 1.07 0.00	57.47 0.64 0.00	55.15 1.11 0.00	44.23 1.44 0.00	37.25 1.37 0.00
KINTIGH__24_KV_GSU 356498	34.39 -0.46 0.00	29.27 -0.52 0.00	26.41 -0.68 0.00	26.83 -0.97 0.00	29.04 -0.84 0.00	31.19 -1.11 0.00	30.16 -1.38 0.00	29.83 -1.71 0.00	29.87 -1.71 0.00	30.28 -1.50 0.00	30.46 -1.76 0.00	29.59 -1.65 0.00	34.24 -1.43 0.00	39.56 -1.36 0.00	41.67 -1.71 4.65	41.60 -1.51 0.75	46.95 -1.05 0.75	48.77 -0.78 0.00	49.13 -0.56 0.00	55.87 -0.43 0.00	55.87 -0.96 0.00	52.35 -1.69 0.00	41.69 -1.11 0.00	35.10 -0.78 0.00
KINTIGH____ 23543	34.37 -0.49 0.00	29.25 -0.54 0.00	26.38 -0.71 0.00	26.81 -0.98 0.00	29.02 -0.86 0.00	31.17 -1.13 0.00	30.13 -1.41 0.00	29.80 -1.74 0.00	29.85 -1.74 0.00	30.25 -1.53 0.00	30.43 -1.79 0.00	29.56 -1.68 0.00	34.21 -1.46 0.00	39.53 -1.40 0.00	41.62 -1.75 4.65	41.44 -1.67 0.75	46.90 -1.11 0.75	48.74 -0.82 0.00	49.09 -0.60 0.00	55.83 -0.47 0.00	55.82 -1.01 0.00	52.30 -1.73 0.00	41.66 -1.14 0.00	35.06 -0.82 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.96 1.11 0.00	30.67 0.89 0.00	27.66 0.56 0.00	28.38 0.59 0.00	30.65 0.77 0.00	33.42 1.12 0.00	32.65 1.11 0.00	32.70 1.15 0.00	32.77 1.18 0.00	33.04 1.25 0.00	33.32 1.10 0.00	32.19 0.95 0.00	36.61 0.95 0.00	41.99 1.07 0.00	44.29 0.92 0.00	48.03 0.86 0.61	49.66 0.99 0.09	50.57 1.01 0.00	50.46 0.77 0.00	57.69 1.39 0.00	58.57 1.74 0.00	55.70 1.66 0.00	43.93 1.13 0.00	36.71 0.83 0.00
LACHUTE____HYDRO 323717	38.23 3.38 0.00	32.64 2.86 0.00	29.74 2.65 0.00	30.40 2.61 0.00	32.63 2.76 0.00	34.88 2.59 0.00	34.38 2.84 0.00	34.14 2.59 0.00	33.65 2.07 0.00	33.39 1.61 0.00	33.51 1.29 0.00	32.63 1.38 0.00	36.88 1.38 0.17	42.38 1.72 0.27	45.07 1.81 0.11	48.93 1.93 0.78	51.02 2.38 0.12	52.73 3.18 0.00	53.37 3.68 0.00	61.79 5.49 0.00	62.83 5.99 0.00	59.91 5.88 0.00	46.85 4.05 0.00	39.88 3.99 0.00
LAWRNCALV_115KV_TB1 80681	35.41 0.56 0.00	30.17 0.38 0.00	27.26 0.17 0.00	28.18 0.38 0.00	30.44 0.56 0.00	33.16 0.87 0.00	32.28 0.74 0.00	32.21 0.66 0.00	32.32 0.74 0.00	32.58 0.80 0.00	32.85 0.63 0.00	31.75 0.50 0.00	36.31 0.64 0.00	41.76 0.84 0.00	44.26 0.89 0.00	46.98 0.73 1.52	49.14 0.61 0.23	49.97 0.42 0.00	50.08 0.39 0.00	57.38 1.08 0.00	58.52 1.69 0.00	55.95 1.91 0.00	44.24 1.45 0.00	36.73 0.85 0.00
LEDERLE____ 23769	36.52 1.66 0.00	31.24 1.45 0.00	28.37 1.28 0.00	28.98 1.19 0.00	31.05 1.18 0.00	33.23 0.93 0.00	32.60 1.06 0.00	32.87 1.33 0.00	33.09 1.50 0.00	33.44 1.66 0.00	34.12 1.91 0.00	33.17 1.92 0.00	38.02 2.17 -0.18	43.47 2.26 -0.28	45.91 2.42 -0.11	48.77 2.15 1.15	50.48 1.89 0.18	51.45 1.90 0.00	51.56 1.87 0.00	57.83 1.54 0.00	58.03 1.20 0.00	55.43 1.39 0.00	44.20 1.41 0.00	37.25 1.36 0.00
LIGHTHSE_115KV_TB6 355974	35.03 0.18 0.00	29.86 0.07 0.00	27.13 0.04 0.00	27.80 0.00 0.00	29.92 0.05 0.00	32.29 -0.01 0.00	31.44 -0.10 0.00	31.30 -0.25 0.00	31.17 -0.41 0.00	31.30 -0.49 0.00	31.64 -0.58 0.00	30.61 -0.63 0.00	34.97 -0.70 0.00	40.18 -0.75 0.00	42.66 -0.71 0.00	36.55 -1.21 10.01	46.12 -1.10 1.55	48.76 -0.79 0.00	49.26 -0.43 0.00	56.72 0.42 0.00	57.78 0.95 0.00	55.03 0.99 0.00	43.37 0.57 0.00	35.91 0.03 0.00
LINDEN COGEN____ 23786	36.55 1.69 0.00	31.30 1.51 0.00	28.42 1.33 0.00	29.01 1.22 0.00	31.08 1.20 0.00	33.21 0.91 0.00	32.64 1.11 0.00	32.99 1.44 0.00	33.24 1.66 0.00	33.59 1.80 0.00	34.27 2.05 0.00	33.32 2.08 0.00	38.18 2.32 -0.20	43.62 2.39 -0.30	46.04 2.54 -0.12	48.83 2.17 1.11	50.35 1.76 0.17	51.22 1.67 0.00	51.27 1.58 0.00	57.35 1.05 0.00	57.42 0.58 0.00	54.95 0.91 0.00	44.07 1.28 0.00	37.17 1.29 0.00
LINDHRST_69_KV_BK1 356055	37.23 2.37 0.00	31.80 2.02 0.00	28.77 1.68 0.00	29.36 1.57 0.00	31.42 1.55 0.00	33.61 1.32 0.00	32.87 1.33 0.00	33.17 1.62 0.00	33.43 1.84 0.00	33.94 2.16 0.00	35.16 2.89 -0.06	39.28 3.01 -5.03	43.99 3.19 -5.12	45.52 3.17 -1.42	46.51 3.02 -0.12	48.66 2.08 1.19	34.74 1.58 15.60	50.07 1.61 1.10	51.28 1.59 0.00	34.54 1.14 22.89	34.58 0.76 23.02	31.34 1.10 23.80	27.48 1.31 16.62	32.28 1.33 4.93
LIPA_MISC_IPP 23656	36.75 1.90 0.00	31.46 1.68 0.00	28.44 1.35 0.00	29.03 1.24 0.00	31.06 1.18 0.00	33.21 0.91 0.00	32.42 0.88 0.00	32.73 1.18 0.00	32.95 1.37 0.00	33.52 1.73 0.00	34.83 2.55 -0.06	39.02 2.74 -5.03	42.46 2.81 -3.99	45.01 2.66 -1.42	45.89 2.39 -0.12	47.79 1.30 1.27	31.16 0.90 18.50	48.94 1.03 1.64	50.71 1.02 0.00	29.92 0.53 26.91	29.97 0.11 26.98	26.48 0.45 28.00	24.03 0.80 19.56	30.81 0.73 5.80
LISF____SOLAR 323691	36.83 1.97 0.00	31.52 1.73 0.00	28.50 1.40 0.00	29.09 1.29 0.00	31.11 1.23 0.00	33.27 0.98 0.00	32.48 0.94 0.00	32.78 1.24 0.00	33.00 1.42 0.00	33.56 1.77 0.00	34.88 2.60 -0.06	39.07 2.79 -5.03	42.52 2.85 -4.00	45.05 2.70 -1.42	45.94 2.44 -0.12	47.81 1.32 1.28	31.23 0.98 18.51	49.00 1.17 1.72	50.88 1.19 0.00	30.14 0.71 26.86	30.20 0.31 26.94	26.65 0.57 27.96	24.18 0.91 19.53	30.90 0.81 5.79
LITTLE FALLS____HYD 24013	35.16 0.31 0.00	30.28 0.49 0.00	27.75 0.66 0.00	28.35 0.56 0.00	30.37 0.49 0.00	32.56 0.26 0.00	31.84 0.30 0.00	31.51 -0.04 0.00	31.01 -0.58 0.00	30.88 -0.90 0.00	31.27 -0.94 0.00	30.42 -0.83 0.00	34.50 -1.17 0.00	39.53 -1.40 0.00	41.84 -1.53 0.00	45.16 -1.66 0.95	46.79 -1.82 0.15	48.08 -1.47 0.00	49.05 -0.65 0.00	56.19 -0.10 0.00	56.96 0.13 0.00	54.30 0.26 0.00	42.78 -0.02 0.00	35.99 0.11 0.00

LITTLRIV_115KV_TB1 356100	35.87 1.02 0.00	30.56 0.77 0.00	27.60 0.51 0.00	28.53 0.74 0.00	30.84 0.97 0.00	33.63 1.33 0.00	32.76 1.22 0.00	32.57 1.02 0.00	32.53 0.95 0.00	32.72 0.94 0.00	32.97 0.75 0.00	31.85 0.61 0.00	36.46 0.79 0.00	41.94 1.01 0.00	44.46 1.09 0.00	47.09 0.94 1.62	49.32 0.80 0.25	50.17 0.61 0.00	50.39 0.70 0.00	58.10 1.81 0.00	59.59 2.76 0.00	56.97 2.93 0.00	45.00 2.20 0.00	37.34 1.46 0.00
LI_NEWBRDGE___DRP 323616	36.63 1.78 0.00	31.33 1.54 0.00	28.37 1.28 0.00	28.97 1.18 0.00	31.02 1.14 0.00	33.17 0.88 0.00	32.45 0.91 0.00	32.73 1.18 0.00	32.94 1.36 0.00	33.42 1.63 0.00	34.54 2.26 -0.06	38.62 2.34 -5.03	41.47 2.55 -3.26	44.83 2.48 -1.42	45.86 2.36 -0.12	48.12 1.46 1.11	30.46 0.94 19.24	50.50 0.95 0.01	50.58 0.90 0.00	27.54 0.35 29.11	27.57 -0.10 29.16	23.99 0.27 30.32	22.29 0.67 21.17	30.42 0.82 6.28
LOCKPORT_115KV_TB60_63_64 80432	34.44 -0.41 0.00	29.29 -0.50 0.00	26.37 -0.72 0.00	26.75 -1.04 0.00	29.00 -0.87 0.00	31.20 -1.10 0.00	30.06 -1.48 0.00	29.63 -1.91 0.00	29.59 -1.99 0.00	29.93 -1.85 0.00	30.01 -2.21 0.00	29.18 -2.07 0.00	33.92 -1.74 0.00	39.13 -1.80 0.00	41.18 -2.20 0.00	41.11 -1.80 4.86	46.67 -1.31 0.79	48.55 -1.00 0.00	48.94 -0.75 0.00	55.67 -0.63 0.00	55.61 -1.22 0.00	51.98 -2.06 0.00	41.47 -1.33 0.00	34.89 -0.99 0.00
LOCKPORT___CC1 323769	34.43 -0.42 0.00	29.27 -0.52 0.00	26.36 -0.73 0.00	26.73 -1.06 0.00	28.98 -0.89 0.00	31.16 -1.14 0.00	30.03 -1.51 0.00	29.61 -1.93 0.00	29.58 -2.00 0.00	29.94 -1.84 0.00	29.98 -2.23 0.00	29.13 -2.12 0.00	33.82 -1.84 0.00	39.03 -1.89 0.00	41.07 -2.30 0.00	41.08 -1.83 4.87	46.54 -1.43 0.79	48.39 -1.16 0.00	48.79 -0.91 0.00	55.45 -0.84 0.00	55.41 -1.42 0.00	51.82 -2.22 0.00	41.32 -1.47 0.00	34.78 -1.10 0.00
LOCKPORT___CC2 323770	34.43 -0.42 0.00	29.27 -0.52 0.00	26.36 -0.73 0.00	26.73 -1.06 0.00	28.98 -0.89 0.00	31.16 -1.14 0.00	30.03 -1.51 0.00	29.61 -1.93 0.00	29.58 -2.00 0.00	29.94 -1.84 0.00	29.98 -2.23 0.00	29.13 -2.12 0.00	33.82 -1.84 0.00	39.03 -1.89 0.00	41.07 -2.30 0.00	41.08 -1.83 4.87	46.54 -1.43 0.79	48.39 -1.16 0.00	48.79 -0.91 0.00	55.45 -0.84 0.00	55.41 -1.42 0.00	51.82 -2.22 0.00	41.32 -1.47 0.00	34.78 -1.10 0.00
LOCKPORT___CC3 323771	34.43 -0.42 0.00	29.27 -0.52 0.00	26.36 -0.73 0.00	26.73 -1.06 0.00	28.98 -0.89 0.00	31.16 -1.14 0.00	30.03 -1.51 0.00	29.61 -1.93 0.00	29.58 -2.00 0.00	29.94 -1.84 0.00	29.98 -2.23 0.00	29.13 -2.12 0.00	33.82 -1.84 0.00	39.03 -1.89 0.00	41.07 -2.30 0.00	41.08 -1.83 4.87	46.54 -1.43 0.79	48.39 -1.16 0.00	48.79 -0.91 0.00	55.45 -0.84 0.00	55.41 -1.42 0.00	51.82 -2.22 0.00	41.32 -1.47 0.00	34.78 -1.10 0.00
LOCUSVLY_69_KV_BK2 55797	36.95 2.09 0.00	31.58 1.80 0.00	28.63 1.54 0.00	29.23 1.43 0.00	31.29 1.42 0.00	33.46 1.16 0.00	32.76 1.23 0.00	33.07 1.52 0.00	33.26 1.68 0.00	33.72 1.94 0.00	34.82 2.54 -0.06	38.91 2.63 -5.03	45.16 2.97 -6.53	45.33 2.98 -1.42	46.44 2.95 -0.12	48.89 2.23 1.11	41.66 1.69 8.79	51.28 1.73 0.00	51.33 1.64 0.00	44.31 1.17 13.15	44.44 0.90 13.29	41.45 1.05 13.64	34.57 1.30 9.52	34.37 1.31 2.83
LONG_LAKE_PHOENIX 24014	34.29 -0.56 0.00	29.27 -0.51 0.00	26.63 -0.46 0.00	27.22 -0.57 0.00	29.30 -0.57 0.00	31.60 -0.69 0.00	30.84 -0.70 0.00	30.79 -0.76 0.00	30.75 -0.83 0.00	30.91 -0.88 0.00	31.32 -0.90 0.00	30.41 -0.83 0.00	34.77 -0.89 0.00	39.98 -0.94 0.00	42.42 -0.95 0.00	34.44 -1.58 11.75	45.45 -1.50 1.81	48.27 -1.28 0.00	48.69 -1.00 0.00	55.70 -0.60 0.00	56.36 -0.47 0.00	53.46 -0.58 0.00	42.27 -0.53 0.00	35.40 -0.48 0.00
LOVETT___3 23632	36.29 1.43 0.00	31.07 1.28 0.00	28.23 1.14 0.00	28.84 1.05 0.00	30.89 1.02 0.00	33.04 0.75 0.00	32.42 0.88 0.00	32.68 1.13 0.00	32.88 1.30 0.00	33.23 1.44 0.00	33.91 1.70 0.00	32.95 1.71 0.00	37.75 1.90 -0.18	43.14 1.93 -0.29	45.55 2.06 -0.12	48.36 1.73 1.14	50.00 1.42 0.18	50.96 1.40 0.00	51.07 1.37 0.00	57.31 1.01 0.00	57.51 0.68 0.00	54.96 0.92 0.00	43.86 1.07 0.00	37.00 1.11 0.00
LOVETT___4 23642	36.29 1.43 0.00	31.07 1.28 0.00	28.23 1.14 0.00	28.84 1.05 0.00	30.89 1.02 0.00	33.04 0.75 0.00	32.42 0.88 0.00	32.68 1.13 0.00	32.88 1.30 0.00	33.23 1.44 0.00	33.91 1.70 0.00	32.95 1.71 0.00	37.75 1.90 -0.18	43.14 1.93 -0.29	45.55 2.06 -0.12	48.36 1.73 1.14	50.00 1.42 0.18	50.96 1.40 0.00	51.07 1.37 0.00	57.31 1.01 0.00	57.51 0.68 0.00	54.96 0.92 0.00	43.86 1.07 0.00	37.00 1.11 0.00
LOVETT___5 23593	36.29 1.43 0.00	31.07 1.28 0.00	28.23 1.14 0.00	28.84 1.05 0.00	30.89 1.02 0.00	33.04 0.75 0.00	32.42 0.88 0.00	32.68 1.13 0.00	32.88 1.30 0.00	33.23 1.44 0.00	33.91 1.70 0.00	32.95 1.71 0.00	37.75 1.90 -0.18	43.14 1.93 -0.29	45.55 2.06 -0.12	48.36 1.73 1.14	50.00 1.42 0.18	50.96 1.40 0.00	51.07 1.37 0.00	57.31 1.01 0.00	57.51 0.68 0.00	54.96 0.92 0.00	43.86 1.07 0.00	37.00 1.11 0.00
LOWER RAQUET___HYD 24057	35.49 0.64 0.00	30.23 0.44 0.00	27.31 0.22 0.00	28.23 0.44 0.00	30.50 0.63 0.00	33.24 0.94 0.00	32.35 0.81 0.00	32.26 0.71 0.00	32.35 0.77 0.00	32.60 0.82 0.00	32.85 0.64 0.00	31.75 0.50 0.00	36.31 0.64 0.00	41.77 0.84 0.00	44.28 0.90 0.00	46.75 0.69 1.71	49.02 0.52 0.26	49.90 0.35 0.00	50.04 0.35 0.00	57.41 1.11 0.00	58.62 1.80 0.00	56.12 2.08 0.00	44.38 1.58 0.00	36.80 0.92 0.00
LOWER___HUDSON 24059	35.88 1.02 0.00	30.87 1.09 0.00	28.20 1.11 0.00	28.87 1.07 0.00	30.95 1.08 0.00	33.18 0.88 0.00	32.46 0.92 0.00	32.41 0.86 0.00	32.28 0.69 0.00	32.34 0.56 0.00	32.75 0.53 0.00	31.73 0.49 0.00	35.85 0.41 0.23	40.97 0.40 0.36	43.67 0.44 0.15	47.15 0.17 0.78	48.69 0.05 0.12	49.75 0.20 0.00	50.13 0.43 0.00	56.78 0.49 0.00	57.44 0.60 0.00	54.84 0.80 0.00	43.38 0.59 0.00	36.62 0.74 0.00
LOWVILLE_115KV_TB2 356335	36.32 1.46 0.00	30.94 1.15 0.00	28.07 0.98 0.00	28.81 1.02 0.00	31.05 1.18 0.00	33.61 1.31 0.00	32.65 1.11 0.00	32.45 0.91 0.00	32.26 0.67 0.00	32.33 0.55 0.00	32.57 0.36 0.00	31.44 0.20 0.00	35.89 0.22 0.00	41.19 0.26 0.00	43.76 0.39 0.00	43.95 0.25 4.08	48.61 0.47 0.63	50.41 0.86 0.00	51.12 1.43 0.00	59.17 2.88 0.00	60.54 3.71 0.00	57.70 3.66 0.00	45.24 2.44 0.00	36.68 0.80 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.33 1.48 0.00	31.17 1.38 0.00	28.43 1.34 0.00	29.10 1.30 0.00	31.23 1.36 0.00	33.52 1.23 0.00	32.81 1.27 0.00	32.74 1.19 0.00	32.55 0.97 0.00	32.57 0.79 0.00	32.91 0.69 0.00	31.94 0.70 0.00	36.18 0.69 0.18	41.45 0.80 0.28	44.18 0.92 0.11	47.83 0.83 0.78	49.52 0.87 0.12	50.73 1.18 0.00	51.32 1.62 0.00	58.30 2.00 0.00	58.91 2.08 0.00	56.12 2.08 0.00	44.28 1.49 0.00	37.31 1.43 0.00

LUTHERNY_35_KV_BK2 355980	36.33 1.48 0.00	31.18 1.39 0.00	28.42 1.33 0.00	29.09 1.30 0.00	31.24 1.37 0.00	33.54 1.24 0.00	32.84 1.30 0.00	32.74 1.20 0.00	32.57 0.98 0.00	32.57 0.79 0.00	32.91 0.70 0.00	31.95 0.71 0.00	36.19 0.70 0.18	41.54 0.89 0.28	44.23 0.97 0.11	47.95 0.95 0.78	49.58 0.94 0.12	50.82 1.27 0.00	51.40 1.71 0.00	58.35 2.06 0.00	58.93 2.10 0.00	56.15 2.11 0.00	44.30 1.50 0.00	37.32 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	35.85 0.99 0.00	30.52 0.73 0.00	27.63 0.54 0.00	28.46 0.66 0.00	30.71 0.84 0.00	33.36 1.06 0.00	32.43 0.89 0.00	32.27 0.72 0.00	32.20 0.62 0.00	32.37 0.58 0.00	32.60 0.38 0.00	31.47 0.22 0.00	35.95 0.28 0.00	41.30 0.37 0.00	43.89 0.52 0.00	44.88 0.30 3.19	48.60 0.33 0.49	49.99 0.44 0.00	50.45 0.76 0.00	58.21 1.91 0.00	59.59 2.76 0.00	56.96 2.92 0.00	44.84 2.05 0.00	36.76 0.88 0.00
LYONS_FALL_HYD 23570	36.10 1.24 0.00	30.79 1.01 0.00	27.96 0.88 0.00	28.68 0.89 0.00	30.87 1.00 0.00	33.40 1.10 0.00	32.51 0.97 0.00	32.37 0.83 0.00	32.22 0.64 0.00	32.32 0.54 0.00	32.63 0.41 0.00	31.55 0.31 0.00	36.03 0.36 0.00	41.37 0.44 0.00	43.95 0.58 0.00	44.70 0.48 3.55	48.89 0.68 0.55	50.57 1.02 0.00	51.17 1.47 0.00	58.89 2.59 0.00	59.96 3.13 0.00	57.06 3.02 0.00	44.84 2.05 0.00	36.76 0.88 0.00
MADISON___COUNTY_LFGE 323628	35.92 1.07 0.00	30.68 0.89 0.00	27.92 0.83 0.00	28.59 0.80 0.00	30.73 0.85 0.00	33.21 0.92 0.00	32.42 0.88 0.00	32.28 0.74 0.00	32.12 0.54 0.00	32.25 0.46 0.00	32.67 0.45 0.00	31.67 0.42 0.00	36.21 0.54 0.00	41.63 0.70 0.00	44.27 0.90 0.00	43.39 0.81 5.20	48.97 1.01 0.80	50.88 1.32 0.00	51.39 1.70 0.00	58.86 2.57 0.00	59.60 2.77 0.00	56.53 2.49 0.00	44.53 1.74 0.00	37.04 1.16 0.00
MALONE___115KV_TB1 356076	35.52 0.67 0.00	30.24 0.46 0.00	27.28 0.19 0.00	28.13 0.34 0.00	30.41 0.53 0.00	33.17 0.87 0.00	32.33 0.79 0.00	32.30 0.75 0.00	32.44 0.86 0.00	32.73 0.95 0.00	33.02 0.80 0.00	31.93 0.69 0.00	36.47 0.80 0.00	41.94 1.01 1.03	44.40 1.03 1.00	47.83 1.00 0.94	49.72 1.11 0.14	50.65 1.10 0.00	50.71 1.02 0.00	57.97 1.67 0.00	58.98 2.14 0.00	56.11 2.07 0.00	44.18 1.39 0.00	36.70 0.82 0.00
MAPLEWOD_115KV_TB3 80458	35.62 0.77 0.00	30.66 0.88 0.00	28.04 0.95 0.00	28.71 0.92 0.00	30.78 0.91 0.00	32.98 0.68 0.00	32.24 0.70 0.00	32.24 0.70 0.00	32.15 0.57 0.00	32.24 0.46 0.00	32.67 0.45 0.00	31.59 0.35 0.00	35.75 0.25 0.17	40.89 0.23 0.27	43.56 0.30 0.11	47.01 0.04 0.80	48.55 -0.09 0.12	49.60 0.05 0.00	49.93 0.23 0.00	56.48 0.19 0.00	57.04 0.21 0.00	54.46 0.42 0.00	43.11 0.32 0.00	36.31 0.43 0.00
MAPLE_RIDGE_WT_1 323574	34.84 -0.01 0.00	29.78 -0.01 0.00	27.04 -0.05 0.00	27.80 0.01 0.00	29.90 0.03 0.00	32.36 0.07 0.00	31.57 0.03 0.00	31.55 0.01 0.00	31.64 0.05 0.00	31.85 0.07 0.00	32.25 0.04 0.00	31.22 -0.02 0.00	35.63 -0.04 0.00	40.89 -0.04 0.00	43.34 -0.03 0.00	47.17 -0.11 0.49	48.62 -0.07 0.07	49.47 -0.08 0.00	49.60 -0.09 0.00	56.36 0.06 0.00	56.96 0.12 0.00	54.08 0.04 0.00	42.63 -0.16 0.00	35.50 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	34.84 -0.01 0.00	29.78 -0.01 0.00	27.04 -0.05 0.00	27.80 0.01 0.00	29.90 0.03 0.00	32.36 0.07 0.00	31.57 0.03 0.00	31.55 0.01 0.00	31.64 0.05 0.00	31.85 0.07 0.00	32.25 0.04 0.00	31.22 -0.02 0.00	35.63 -0.04 0.00	40.89 -0.04 0.00	43.34 -0.03 0.00	47.17 -0.11 0.49	48.62 -0.07 0.07	49.47 -0.08 0.00	49.60 -0.09 0.00	56.36 0.06 0.00	56.96 0.12 0.00	54.08 0.04 0.00	42.63 -0.16 0.00	35.50 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	35.12 0.27 0.00	29.93 0.14 0.00	27.02 -0.07 0.00	27.83 0.04 0.00	30.06 0.18 0.00	32.77 0.47 0.00	31.95 0.41 0.00	31.95 0.40 0.00	32.12 0.54 0.00	32.41 0.62 0.00	32.71 0.49 0.00	31.64 0.39 0.00	36.11 0.44 0.00	41.48 0.55 0.00	43.88 0.51 0.00	47.69 0.48 0.57	49.24 0.57 0.09	50.10 0.55 0.00	50.05 0.36 0.00	57.05 0.75 0.00	57.85 1.02 0.00	54.99 0.95 0.00	43.37 0.57 0.00	36.17 0.29 0.00
MARSHVLE_115KV_TB1 80742	36.84 1.98 0.00	31.28 1.50 0.00	28.38 1.29 0.00	29.09 1.30 0.00	31.29 1.42 0.00	33.87 1.57 0.00	32.97 1.43 0.00	32.53 0.99 0.00	32.30 0.72 0.00	32.56 0.78 0.00	33.00 0.78 0.00	32.09 0.85 0.00	36.69 1.12 0.10	42.20 1.43 0.16	44.88 1.58 0.06	48.43 1.84 1.18	50.61 2.03 0.18	51.82 2.27 0.00	52.33 2.64 0.00	60.43 4.13 0.00	61.41 4.58 0.00	58.19 4.15 0.00	45.93 3.13 0.00	38.24 2.36 0.00
MARSH_HILL_WT_PWR 323713	35.31 0.45 0.00	29.98 0.19 0.00	27.06 -0.03 0.00	27.32 -0.47 0.00	29.61 -0.27 0.00	32.11 -0.18 0.00	31.22 -0.32 0.00	30.79 -0.76 0.00	30.47 -1.11 0.00	30.73 -1.05 0.00	31.02 -1.19 0.00	30.06 -1.18 0.00	34.60 -1.06 0.00	39.85 -1.08 0.00	42.10 -1.27 0.00	41.12 -0.86 5.80	47.69 -0.15 0.92	49.56 0.00 0.00	50.31 0.62 0.00	57.65 1.35 0.00	58.14 1.31 0.00	54.09 0.05 0.00	42.49 -0.30 0.00	35.53 -0.35 0.00
MCINTYRE_115KV_TB2 80467	35.97 1.12 0.00	30.64 0.85 0.00	27.66 0.57 0.00	28.62 0.83 0.00	30.94 1.07 0.00	33.75 1.46 0.00	32.87 1.33 0.00	32.61 1.07 0.00	32.54 0.96 0.00	32.75 0.96 0.00	32.99 0.77 0.00	31.87 0.63 0.00	36.50 0.83 0.00	41.99 1.06 0.00	44.51 1.14 0.00	47.37 1.07 1.47	49.53 0.99 0.22	50.32 0.77 0.00	50.51 0.82 0.00	58.33 2.03 0.00	59.96 3.13 0.00	57.23 3.19 0.00	45.17 2.38 0.00	37.54 1.66 0.00
MECO_____69_KV_BK1 80468	37.04 2.19 0.00	31.56 1.77 0.00	28.67 1.58 0.00	29.37 1.58 0.00	31.58 1.71 0.00	34.09 1.80 0.00	33.25 1.71 0.00	32.78 1.23 0.00	32.21 0.63 0.00	32.19 0.41 0.00	32.52 0.31 0.00	31.54 0.30 0.00	35.93 0.38 0.11	41.36 0.61 0.18	44.14 0.84 0.07	47.78 1.04 1.02	49.69 1.09 0.16	51.18 1.63 0.00	52.20 2.51 0.00	60.49 4.20 0.00	61.57 4.74 0.00	58.42 4.39 0.00	46.08 3.28 0.00	38.44 2.56 0.00
MENANDS___115KV_TB5 355628	35.41 0.56 0.00	30.51 0.73 0.00	27.92 0.83 0.00	28.59 0.80 0.00	30.65 0.78 0.00	32.82 0.52 0.00	32.09 0.56 0.00	32.09 0.55 0.00	32.01 0.43 0.00	32.11 0.33 0.00	32.54 0.33 0.00	31.44 0.19 0.00	35.54 0.04 0.17	40.63 -0.03 0.27	43.26 0.00 0.11	46.64 -0.32 0.80	48.14 -0.50 0.12	49.12 -0.43 0.00	49.40 -0.29 0.00	55.84 -0.46 0.00	56.40 -0.43 0.00	53.88 -0.16 0.00	42.67 -0.12 0.00	35.97 0.09 0.00
MG INDUSTRY___DRP 24185	34.85 0.00 0.00	30.40 0.62 0.00	27.88 0.79 0.00	28.58 0.79 0.00	30.66 0.79 0.00	32.87 0.58 0.00	32.10 0.57 0.00	32.02 0.48 0.00	31.78 0.19 0.00	31.44 -0.34 0.00	31.74 -0.48 0.00	30.66 -0.58 0.00	34.76 -0.82 0.09	39.82 -0.96 0.15	42.37 -0.94 0.06	41.70 -1.41 4.67	46.89 -1.74 0.13	47.76 -1.79 0.00	48.18 -1.51 0.00	54.66 -1.64 0.00	55.27 -1.56 0.00	52.80 -1.23 0.00	41.81 -0.98 0.00	35.20 -0.69 0.00

MID___OSWEGATCHIE_HYD 23849	35.85 0.99 0.00	30.52 0.73 0.00	27.63 0.54 0.00	28.46 0.66 0.00	30.71 0.84 0.00	33.36 1.06 0.00	32.43 0.89 0.00	32.27 0.72 0.00	32.20 0.62 0.00	32.37 0.58 0.00	32.60 0.38 0.00	31.47 0.22 0.00	35.95 0.28 0.00	41.30 0.37 0.00	43.89 0.52 0.00	44.88 0.30 3.19	48.60 0.33 0.49	49.99 0.44 0.00	50.45 0.76 0.00	58.21 1.91 0.00	59.59 2.76 0.00	56.96 2.92 0.00	44.84 2.05 0.00	36.76 0.88 0.00
MID___RAQUETTE_HYD 23851	35.49 0.64 0.00	30.23 0.44 0.00	27.31 0.22 0.00	28.23 0.44 0.00	30.50 0.63 0.00	33.24 0.94 0.00	32.35 0.81 0.00	32.26 0.71 0.00	32.35 0.77 0.00	32.60 0.81 0.00	32.85 0.64 0.00	31.75 0.50 0.00	36.31 0.64 0.00	41.77 0.84 0.00	44.28 0.91 0.00	46.75 0.69 1.71	49.02 0.52 0.26	49.90 0.35 0.00	50.04 0.35 0.00	57.40 1.11 0.00	58.63 1.80 0.00	56.12 2.08 0.00	44.38 1.58 0.00	36.80 0.92 0.00
MILLIKEN___1 23584	35.40 0.54 0.00	30.15 0.36 0.00	27.46 0.36 0.00	28.05 0.26 0.00	30.12 0.25 0.00	32.47 0.17 0.00	31.77 0.23 0.00	31.81 0.27 0.00	31.64 0.06 0.00	31.69 -0.09 0.00	32.09 -0.13 0.00	31.09 -0.15 0.00	35.60 -0.07 0.00	40.92 -0.01 0.00	43.50 0.13 0.00	39.45 -0.12 8.20	47.53 0.02 1.25	49.81 0.26 0.00	50.53 0.84 0.00	57.96 1.67 0.00	58.56 1.72 0.00	55.37 1.33 0.00	43.79 1.00 0.00	36.56 0.68 0.00
MILLIKEN___2 23585	35.40 0.54 0.00	30.15 0.36 0.00	27.46 0.36 0.00	28.05 0.26 0.00	30.12 0.25 0.00	32.47 0.17 0.00	31.77 0.23 0.00	31.81 0.27 0.00	31.64 0.06 0.00	31.69 -0.09 0.00	32.09 -0.13 0.00	31.09 -0.15 0.00	35.60 -0.07 0.00	40.92 -0.01 0.00	43.50 0.13 0.00	39.45 -0.12 8.20	47.53 0.02 1.25	49.81 0.26 0.00	50.53 0.84 0.00	57.96 1.67 0.00	58.56 1.72 0.00	55.37 1.33 0.00	43.79 1.00 0.00	36.56 0.68 0.00
MILLIKEN___DIESEL 23629	35.40 0.54 0.00	30.15 0.36 0.00	27.46 0.36 0.00	28.05 0.26 0.00	30.12 0.25 0.00	32.47 0.17 0.00	31.77 0.23 0.00	31.81 0.27 0.00	31.64 0.06 0.00	31.69 -0.09 0.00	32.09 -0.13 0.00	31.09 -0.15 0.00	35.60 -0.07 0.00	40.92 -0.01 0.00	43.50 0.13 0.00	39.45 -0.12 8.20	47.53 0.02 1.25	49.81 0.26 0.00	50.53 0.84 0.00	57.96 1.67 0.00	58.56 1.72 0.00	55.37 1.33 0.00	43.79 1.00 0.00	36.56 0.68 0.00
MILLSEAT___LFGE 323607	35.12 0.27 0.00	29.85 0.06 0.00	26.89 -0.19 0.00	27.30 -0.49 0.00	29.58 -0.30 0.00	31.86 -0.44 0.00	30.80 -0.74 0.00	30.43 -1.11 0.00	30.30 -1.28 0.00	30.55 -1.23 0.00	30.66 -1.55 0.00	29.83 -1.41 0.00	35.07 -0.60 0.00	40.07 -0.86 0.00	42.24 -1.14 0.00	42.34 -0.60 4.83	47.86 -0.12 0.78	49.91 0.35 0.00	50.52 0.82 0.00	57.69 1.39 0.00	57.79 0.96 0.00	54.10 0.06 0.00	42.93 0.14 0.00	35.99 0.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.39 1.54 0.00	31.17 1.38 0.00	28.33 1.24 0.00	28.94 1.15 0.00	31.01 1.14 0.00	33.16 0.87 0.00	32.54 1.00 0.00	32.81 1.26 0.00	32.99 1.40 0.00	33.30 1.52 0.00	33.98 1.76 0.00	33.03 1.78 0.00	37.83 1.97 -0.19	43.25 2.02 -0.30	45.65 2.15 -0.12	48.46 1.81 1.12	50.09 1.50 0.17	51.02 1.47 0.00	51.13 1.44 0.00	57.38 1.08 0.00	57.58 0.75 0.00	55.04 1.00 0.00	43.94 1.15 0.00	37.06 1.18 0.00
MILLWOOD_13_KV_LOAD 356217	36.43 1.58 0.00	31.21 1.43 0.00	28.37 1.28 0.00	28.98 1.19 0.00	31.05 1.17 0.00	33.20 0.91 0.00	32.59 1.05 0.00	32.85 1.30 0.00	33.04 1.46 0.00	33.36 1.57 0.00	34.04 1.82 0.00	33.08 1.84 0.00	37.91 2.05 -0.19	43.33 2.10 -0.30	45.74 2.24 -0.12	48.57 1.92 1.12	50.19 1.60 0.17	51.13 1.58 0.00	51.25 1.56 0.00	57.51 1.22 0.00	57.71 0.88 0.00	55.15 1.12 0.00	44.03 1.23 0.00	37.13 1.25 0.00
MODEL_CITY_ENERGY 24167	34.17 -0.69 0.00	29.05 -0.74 0.00	26.16 -0.93 0.00	26.53 -1.26 0.00	28.78 -1.10 0.00	30.96 -1.34 0.00	29.80 -1.74 0.00	29.36 -2.19 0.00	29.31 -2.27 0.00	29.66 -2.12 0.00	29.75 -2.47 0.00	28.92 -2.32 0.00	33.59 -2.08 0.00	38.77 -2.16 0.00	40.77 -2.60 0.00	40.86 -2.04 4.87	46.23 -1.75 0.79	48.08 -1.47 0.00	48.45 -1.24 0.00	55.04 -1.26 0.00	54.97 -1.86 0.00	51.39 -2.65 0.00	41.02 -1.77 0.00	34.56 -1.32 0.00
MODERN_LFGE___ 323580	34.17 -0.69 0.00	29.05 -0.74 0.00	26.16 -0.93 0.00	26.53 -1.26 0.00	28.78 -1.10 0.00	30.96 -1.34 0.00	29.80 -1.74 0.00	29.36 -2.19 0.00	29.31 -2.27 0.00	29.66 -2.12 0.00	29.75 -2.47 0.00	28.92 -2.32 0.00	33.59 -2.08 0.00	38.77 -2.16 0.00	40.77 -2.60 0.00	40.86 -2.04 4.87	46.23 -1.75 0.79	48.08 -1.47 0.00	48.45 -1.24 0.00	55.04 -1.26 0.00	54.97 -1.86 0.00	51.39 -2.65 0.00	41.02 -1.77 0.00	34.56 -1.32 0.00
MOHAWK_PAPER___DRP 24187	35.62 0.77 0.00	30.66 0.88 0.00	28.04 0.95 0.00	28.71 0.92 0.00	30.78 0.91 0.00	32.98 0.68 0.00	32.24 0.70 0.00	32.24 0.70 0.00	32.15 0.57 0.00	32.24 0.46 0.00	32.67 0.45 0.00	31.59 0.35 0.00	35.75 0.25 0.17	40.89 0.23 0.27	43.56 0.30 0.11	47.01 0.04 0.80	48.55 -0.09 0.12	49.60 0.05 0.00	49.93 0.23 0.00	56.48 0.19 0.00	57.04 0.21 0.00	54.46 0.42 0.00	43.11 0.32 0.00	36.31 0.43 0.00
MOHICAN___35_KV_115KV_LD 80490	36.67 1.82 0.00	31.40 1.62 0.00	28.63 1.54 0.00	29.30 1.51 0.00	31.44 1.57 0.00	33.74 1.45 0.00	33.08 1.54 0.00	32.98 1.43 0.00	32.72 1.14 0.00	32.64 0.86 0.00	32.82 0.61 0.00	31.88 0.64 0.00	36.03 0.54 0.18	41.29 0.64 0.27	44.03 0.77 0.11	47.73 0.73 0.78	49.56 0.92 0.12	50.95 1.40 0.00	51.74 2.05 0.00	59.07 2.78 0.00	59.80 2.97 0.00	56.94 2.90 0.00	44.73 1.93 0.00	37.81 1.93 0.00
MONGAUP___HYD 23641	36.42 1.57 0.00	31.15 1.36 0.00	28.32 1.23 0.00	28.94 1.15 0.00	31.02 1.15 0.00	33.25 0.95 0.00	32.59 1.05 0.00	32.75 1.20 0.00	32.71 1.12 0.00	32.87 1.08 0.00	33.30 1.09 0.00	32.40 1.16 0.00	37.05 1.23 -0.16	42.55 1.37 -0.25	45.07 1.60 -0.10	47.85 1.29 1.21	49.79 1.22 0.19	50.95 1.39 0.00	51.37 1.68 0.00	58.21 1.92 0.00	58.63 1.80 0.00	55.94 1.90 0.00	44.42 1.63 0.00	37.32 1.44 0.00
MONTAUK___DIESEL 23721	38.12 3.27 0.00	32.64 2.85 0.00	29.53 2.44 0.00	30.12 2.33 0.00	32.21 2.34 0.00	34.46 2.16 0.00	33.72 2.18 0.00	34.09 2.54 0.00	34.38 2.80 0.00	35.06 3.27 0.00	36.53 4.25 -0.06	40.75 4.48 -5.03	44.43 4.77 -3.99	47.16 4.81 -1.42	47.93 4.43 -0.12	49.86 3.36 1.28	33.43 3.18 18.50	51.27 3.39 1.67	52.91 3.23 0.00	32.04 2.63 26.89	31.95 2.08 26.97	28.58 2.53 27.99	25.51 2.27 19.55	31.98 1.90 5.80
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.18 0.33 0.00	29.78 -0.01 0.00	26.89 -0.20 0.00	27.13 -0.67 0.00	29.46 -0.41 0.00	31.85 -0.44 0.00	30.82 -0.72 0.00	30.73 -0.81 0.00	30.93 -0.65 0.00	31.40 -0.38 0.00	31.65 -0.56 0.00	30.80 -0.45 0.00	35.61 -0.05 0.00	41.16 0.23 0.00	43.59 0.22 0.00	43.48 0.82 5.11	49.62 1.67 0.82	51.14 1.58 0.00	51.54 1.85 0.00	58.66 2.36 0.00	58.83 1.99 0.00	54.93 0.89 0.00	43.56 0.77 0.00	36.16 0.28 0.00

MORRIS_RIDGE___SOLAR 323848	34.80 -0.05 0.00	29.58 -0.20 0.00	26.71 -0.38 0.00	27.01 -0.78 0.00	29.21 -0.66 0.00	31.57 -0.73 0.00	30.66 -0.88 0.00	30.23 -1.31 0.00	29.92 -1.66 0.00	30.17 -1.61 0.00	30.44 -1.78 0.00	29.54 -1.70 0.00	34.08 -1.58 0.00	39.27 -1.66 0.00	41.53 -1.85 0.00	40.72 -1.54 5.51	46.90 -0.99 0.87	48.74 -0.81 0.00	49.38 -0.32 0.00	56.58 0.29 0.00	57.10 0.27 0.00	53.37 -0.66 0.00	42.25 -0.55 0.00	35.45 -0.43 0.00
MORTIMER_115KV_TB3 55949	34.91 0.06 0.00	29.72 -0.07 0.00	26.89 -0.20 0.00	27.41 -0.39 0.00	29.58 -0.29 0.00	31.86 -0.44 0.00	31.00 -0.54 0.00	30.82 -0.72 0.00	30.82 -0.76 0.00	31.15 -0.64 0.00	31.48 -0.73 0.00	30.61 -0.63 0.00	35.22 -0.45 0.00	40.75 -0.17 0.00	43.17 -0.20 0.00	42.84 -0.21 4.73	48.27 0.28 0.77	50.20 0.65 0.00	50.65 0.96 0.00	57.77 1.47 0.00	57.97 1.14 0.00	54.53 0.49 0.00	43.14 0.35 0.00	36.09 0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.66 1.80 0.00	31.41 1.63 0.00	28.54 1.45 0.00	29.14 1.34 0.00	31.21 1.34 0.00	33.36 1.06 0.00	32.78 1.24 0.00	33.09 1.55 0.00	33.33 1.74 0.00	33.68 1.89 0.00	34.36 2.14 0.00	33.41 2.17 0.00	38.29 2.42 -0.20	43.75 2.52 -0.30	46.17 2.67 -0.12	48.99 2.33 1.11	50.51 1.92 0.17	51.40 1.85 0.00	51.47 1.78 0.00	57.67 1.38 0.00	57.79 0.96 0.00	55.26 1.22 0.00	44.23 1.43 0.00	37.31 1.43 0.00
MUNSVILLE_WIND_PWR 323609	37.16 2.30 0.00	31.70 1.92 0.00	28.84 1.75 0.00	29.49 1.69 0.00	31.48 1.61 0.00	33.96 1.67 0.00	33.31 1.77 0.00	34.49 2.95 0.00	34.05 2.46 0.00	33.92 2.14 0.00	34.31 2.09 0.00	33.17 1.93 0.00	38.08 2.42 0.00	43.48 2.52 -0.04	46.21 2.82 -0.02	45.68 3.00 5.10	51.43 3.45 0.79	53.40 3.85 0.00	54.11 4.42 0.00	62.29 6.00 0.00	62.69 5.86 0.00	58.83 4.79 0.00	45.89 3.10 0.00	37.93 2.05 0.00
N SALMON___HYD 24042	35.52 0.67 0.00	30.24 0.46 0.00	27.28 0.19 0.00	28.13 0.34 0.00	30.41 0.53 0.00	33.17 0.87 0.00	32.33 0.79 0.00	32.30 0.75 0.00	32.44 0.85 0.00	32.73 0.95 0.00	33.02 0.80 0.00	31.93 0.69 0.00	36.47 0.80 0.00	41.94 1.01 0.00	44.40 1.03 0.00	47.83 1.00 0.94	49.72 1.11 0.14	50.65 1.10 0.00	50.71 1.02 0.00	57.97 1.67 0.00	58.98 2.15 0.00	56.11 2.07 0.00	44.18 1.39 0.00	36.70 0.82 0.00
N.AKRON__115KV_KNAPP 355671	35.09 0.24 0.00	29.83 0.04 0.00	26.87 -0.22 0.00	27.27 -0.52 0.00	29.55 -0.32 0.00	31.82 -0.48 0.00	30.76 -0.78 0.00	30.38 -1.16 0.00	30.27 -1.32 0.00	30.52 -1.26 0.00	30.64 -1.57 0.00	29.86 -1.39 0.00	35.93 0.26 0.00	40.19 -0.74 0.00	42.20 -1.18 0.00	42.14 -0.79 4.84	47.78 -0.20 0.78	49.81 0.26 0.00	50.39 0.70 0.00	57.54 1.25 0.00	57.63 0.81 0.00	53.95 -0.09 0.00	42.85 0.05 0.00	35.92 0.04 0.00
N.E_GEN_SANDY PD 24062	35.71 0.93 0.07	30.81 1.03 0.00	28.15 1.06 0.00	28.81 1.02 0.00	30.85 0.98 0.00	33.01 0.71 0.00	32.33 0.79 0.00	32.52 0.81 -0.16	32.33 0.75 0.00	32.49 0.70 0.00	32.98 0.77 0.00	31.97 0.73 0.00	35.06 0.68 1.28	39.55 0.61 1.99	43.18 0.62 0.81	47.04 0.20 0.93	48.55 -0.07 0.14	49.54 -0.01 0.00	49.75 0.06 0.00	56.10 -0.19 0.00	56.80 -0.17 -0.14	54.22 0.18 0.00	43.04 0.25 0.00	36.40 0.52 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.39 1.54 0.00	31.14 1.36 0.00	28.29 1.20 0.00	28.90 1.10 0.00	30.95 1.08 0.00	33.11 0.81 0.00	32.49 0.95 0.00	32.76 1.21 0.00	32.97 1.38 0.00	33.36 1.57 0.00	34.04 1.83 0.00	33.10 1.86 0.00	37.93 2.08 -0.18	43.37 2.15 -0.28	45.79 2.31 -0.12	48.65 2.02 1.15	50.34 1.75 0.18	51.30 1.75 0.00	51.41 1.72 0.00	57.67 1.37 0.00	57.85 1.02 0.00	55.28 1.24 0.00	44.10 1.30 0.00	37.17 1.29 0.00
N.QUEENS_27_KV_LOAD 356247	36.71 1.86 0.00	31.57 1.79 0.00	28.59 1.50 0.00	29.18 1.39 0.00	31.24 1.37 0.00	33.34 1.04 0.00	32.81 1.27 0.00	33.19 1.64 0.00	33.41 1.83 0.00	33.76 1.97 0.00	34.43 2.21 0.00	33.52 2.28 0.00	38.45 2.58 -0.20	43.78 2.55 -0.30	46.26 2.77 -0.12	48.98 2.33 1.11	50.44 1.85 0.17	51.41 1.86 0.00	51.40 1.71 0.00	57.49 1.18 -0.02	57.56 0.72 -0.01	55.10 1.05 -0.01	44.37 1.58 0.00	37.32 1.43 0.00
N.TROY___115KV_TB1 355778	35.88 1.03 0.00	30.87 1.09 0.00	28.20 1.11 0.00	28.87 1.07 0.00	30.95 1.08 0.00	33.17 0.88 0.00	32.46 0.92 0.00	32.41 0.86 0.00	32.28 0.69 0.00	32.34 0.56 0.00	32.75 0.53 0.00	31.73 0.49 0.00	35.85 0.41 0.23	40.97 0.40 0.36	43.67 0.44 0.15	47.15 0.17 0.78	48.69 0.05 0.12	49.75 0.20 0.00	50.13 0.43 0.00	56.78 0.48 0.00	57.44 0.60 0.00	54.85 0.81 0.00	43.38 0.59 0.00	36.62 0.73 0.00
NARROWS_GT1_1 24228	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT1_2 24229	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT1_3 24230	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT1_4 24231	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT1_5 24232	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00

NARROWS_GT1_6 24233	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT1_7 24234	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT1_8 24235	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_1 24236	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_2 24237	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_3 24238	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_4 24239	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_5 24240	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_6 24241	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_7 24242	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NARROWS_GT2_8 24243	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.50 1.91 0.17	51.36 1.81 0.00	51.34 1.65 0.00	57.48 1.19 0.01	57.65 0.82 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.70 0.84 0.00	30.80 1.02 0.00	28.26 1.17 0.00	28.98 1.18 0.00	31.08 1.21 0.00	33.35 1.05 0.00	32.62 1.08 0.00	32.52 0.98 0.00	32.23 0.65 0.00	32.03 0.25 0.00	32.35 0.13 0.00	31.20 -0.05 0.00	35.41 -0.19 0.06	40.67 -0.16 0.10	43.24 -0.09 0.04	41.63 -0.36 5.77	48.03 -0.59 0.14	49.16 -0.39 0.00	49.84 0.14 0.00	56.76 0.46 0.00	57.50 0.67 0.00	54.88 0.84 0.00	43.29 0.49 0.00	36.32 0.44 0.00
NCHELSEA_115KV_TR2 355582	36.53 1.68 0.00	31.27 1.48 0.00	28.46 1.37 0.00	29.08 1.29 0.00	31.15 1.28 0.00	33.34 1.04 0.00	32.71 1.17 0.00	32.93 1.39 0.00	33.09 1.51 0.00	33.38 1.60 0.00	34.02 1.81 0.00	33.07 1.83 0.00	37.88 2.06 -0.16	43.32 2.15 -0.24	45.81 2.34 -0.10	48.79 2.13 1.11	50.57 1.98 0.17	51.61 2.06 0.00	51.79 2.10 0.00	58.21 1.91 0.00	58.40 1.57 0.00	55.75 1.72 0.00	44.34 1.55 0.00	37.32 1.44 0.00
NEG CAPITAL___MECHNVIL 23645	36.39 1.54 0.00	31.23 1.45 0.00	28.49 1.40 0.00	29.15 1.36 0.00	31.28 1.41 0.00	33.58 1.28 0.00	32.86 1.32 0.00	32.79 1.25 0.00	32.62 1.04 0.00	32.66 0.88 0.00	33.02 0.80 0.00	32.03 0.79 0.00	36.28 0.81 0.20	41.56 0.94 0.31	44.32 1.07 0.12	47.99 0.99 0.78	49.70 1.05 0.12	50.90 1.35 0.00	51.46 1.77 0.00	58.42 2.13 0.00	59.04 2.21 0.00	56.22 2.18 0.00	44.37 1.58 0.00	37.37 1.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.40 -0.46 0.00	29.27 -0.52 0.00	26.51 -0.58 0.00	27.03 -0.76 0.00	29.15 -0.72 0.00	31.44 -0.86 0.00	30.64 -0.90 0.00	30.51 -1.03 0.00	30.48 -1.10 0.00	30.73 -1.05 0.00	31.11 -1.11 0.00	30.27 -0.98 0.00	34.73 -0.93 0.00	40.16 -0.77 0.00	42.61 -0.77 0.00	40.80 -0.86 6.11	47.29 -0.61 0.85	49.31 -0.24 0.00	49.79 0.10 0.00	56.80 0.50 0.00	57.00 0.17 0.00	53.68 -0.36 0.00	42.46 -0.33 0.00	35.50 -0.38 0.00

NEG CENTRAL___DRP 24199	35.06 0.21 0.00	29.85 0.07 0.00	27.13 0.04 0.00	27.68 -0.11 0.00	29.77 -0.10 0.00	32.14 -0.16 0.00	31.41 -0.13 0.00	31.32 -0.23 0.00	31.16 -0.42 0.00	31.26 -0.52 0.00	31.64 -0.57 0.00	30.73 -0.51 0.00	35.25 -0.41 0.00	40.64 -0.28 0.00	43.17 -0.21 0.00	39.30 -0.43 8.04	47.39 -0.12 1.25	49.70 0.15 0.00	50.37 0.67 0.00	57.69 1.40 0.00	58.19 1.36 0.00	54.89 0.85 0.00	43.43 0.63 0.00	36.28 0.40 0.00
NEG CENTRAL___INDECK 23768	36.10 1.25 0.00	30.68 0.89 0.00	27.68 0.59 0.00	28.10 0.31 0.00	30.39 0.52 0.00	32.87 0.57 0.00	32.05 0.51 0.00	31.62 0.08 0.00	31.05 -0.53 0.00	31.37 -0.41 0.00	31.71 -0.51 0.00	30.76 -0.48 0.00	35.25 -0.42 0.00	40.10 -0.82 0.00	42.29 -1.08 0.00	41.55 -0.89 5.33	47.55 -0.36 0.85	49.55 0.00 0.00	50.25 0.56 0.00	58.09 1.80 0.00	58.83 2.00 0.00	55.22 1.18 0.00	43.51 0.71 0.00	37.10 1.22 0.00
NEG CENTRAL___SENECA 23627	35.20 0.35 0.00	29.97 0.18 0.00	27.20 0.11 0.00	27.71 -0.08 0.00	29.85 -0.03 0.00	32.22 -0.07 0.00	31.48 -0.06 0.00	31.36 -0.19 0.00	31.19 -0.40 0.00	31.30 -0.49 0.00	31.66 -0.55 0.00	30.75 -0.49 0.00	35.32 -0.35 0.00	40.75 -0.18 0.00	43.23 -0.14 0.00	41.09 -0.18 6.50	47.98 0.25 1.03	50.08 0.53 0.00	50.75 1.06 0.00	58.13 1.83 0.00	58.59 1.76 0.00	55.14 1.10 0.00	43.64 0.85 0.00	36.48 0.60 0.00
NEG CENTRAL___STATE_STREET 24147	35.20 0.35 0.00	29.91 0.12 0.00	27.28 0.19 0.00	27.83 0.04 0.00	29.89 0.02 0.00	32.26 -0.04 0.00	31.59 0.05 0.00	31.56 0.02 0.00	31.43 -0.15 0.00	31.44 -0.34 0.00	31.85 -0.37 0.00	30.91 -0.33 0.00	35.40 -0.26 0.00	40.75 -0.18 0.00	43.44 0.06 0.00	38.07 -0.31 9.39	46.98 -0.38 1.41	49.39 -0.16 0.00	50.19 0.50 0.00	57.55 1.26 0.00	58.00 1.17 0.00	54.83 0.79 0.00	43.44 0.65 0.00	36.21 0.32 0.00
NEG MILLWOOD___DRP 24198	36.58 1.73 0.00	31.33 1.54 0.00	28.49 1.40 0.00	29.11 1.32 0.00	31.19 1.32 0.00	33.36 1.07 0.00	32.76 1.22 0.00	33.00 1.45 0.00	33.18 1.60 0.00	33.49 1.71 0.00	34.15 1.93 0.00	33.21 1.97 0.00	38.06 2.22 -0.17	43.53 2.33 -0.27	46.02 2.53 -0.11	48.98 2.31 1.10	50.69 2.09 0.17	51.72 2.17 0.00	51.88 2.19 0.00	58.28 1.98 0.00	58.45 1.62 0.00	55.78 1.74 0.00	44.40 1.61 0.00	37.36 1.48 0.00
NEG NORTH_FLCN_SEA 23793	35.95 1.10 0.00	30.69 0.90 0.00	27.68 0.60 0.00	28.39 0.60 0.00	30.63 0.76 0.00	33.39 1.10 0.00	32.65 1.11 0.00	32.74 1.19 0.00	32.81 1.23 0.00	33.07 1.29 0.00	33.35 1.14 0.00	32.20 0.96 0.00	36.57 0.90 0.00	41.88 0.95 0.00	44.13 0.75 0.00	47.77 0.60 0.59	49.36 0.69 0.09	50.25 0.70 0.00	50.08 0.39 0.00	57.15 0.85 0.00	57.97 1.13 0.00	55.17 1.12 0.00	43.58 0.79 0.00	36.58 0.70 0.00
NEG NORTH_KES_CHATEGAY 23792	35.20 0.35 0.00	30.00 0.21 0.00	27.07 -0.03 0.00	27.89 0.10 0.00	30.11 0.24 0.00	32.85 0.55 0.00	32.02 0.48 0.00	31.98 0.44 0.00	32.14 0.55 0.00	32.43 0.65 0.00	32.73 0.51 0.00	31.66 0.42 0.00	36.13 0.46 0.00	41.51 0.59 0.00	43.93 0.56 0.00	47.63 0.54 0.68	49.29 0.63 0.10	50.13 0.58 0.00	50.08 0.39 0.00	57.12 0.83 0.00	58.02 1.19 0.00	55.17 1.13 0.00	43.46 0.66 0.00	36.18 0.29 0.00
NEG NORTH___ALICE_FALLS 23915	35.96 1.11 0.00	30.67 0.89 0.00	27.66 0.56 0.00	28.38 0.59 0.00	30.65 0.77 0.00	33.42 1.12 0.00	32.65 1.11 0.00	32.70 1.15 0.00	32.77 1.18 0.00	33.04 1.25 0.00	33.32 1.10 0.00	32.19 0.95 0.00	36.61 0.95 0.00	41.99 1.07 0.00	44.29 0.92 0.00	48.03 0.86 0.61	49.66 0.99 0.09	50.57 1.01 0.00	50.46 0.77 0.00	57.69 1.39 0.00	58.57 1.74 0.00	55.70 1.66 0.00	43.93 1.13 0.00	36.71 0.83 0.00
NEG NORTH___LWR_SARANAC 23913	35.96 1.11 0.00	30.67 0.89 0.00	27.66 0.56 0.00	28.38 0.59 0.00	30.65 0.77 0.00	33.42 1.12 0.00	32.65 1.11 0.00	32.70 1.15 0.00	32.77 1.18 0.00	33.04 1.25 0.00	33.32 1.10 0.00	32.19 0.95 0.00	36.61 0.95 0.00	41.99 1.07 0.00	44.29 0.92 0.00	48.03 0.86 0.61	49.66 0.99 0.09	50.57 1.01 0.00	50.46 0.77 0.00	57.69 1.39 0.00	58.57 1.74 0.00	55.70 1.66 0.00	43.93 1.13 0.00	36.71 0.83 0.00
NEG NORTH___PLATTSBURG 23628	35.96 1.11 0.00	30.67 0.89 0.00	27.66 0.56 0.00	28.38 0.59 0.00	30.65 0.77 0.00	33.42 1.12 0.00	32.65 1.11 0.00	32.70 1.15 0.00	32.76 1.18 0.00	33.04 1.25 0.00	33.32 1.10 0.00	32.19 0.95 0.00	36.61 0.95 0.00	41.99 1.07 0.00	44.30 0.92 0.00	48.03 0.86 0.61	49.66 0.99 0.09	50.56 1.01 0.00	50.46 0.77 0.00	57.69 1.39 0.00	58.57 1.74 0.00	55.70 1.66 0.00	43.93 1.13 0.00	36.71 0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	34.43 -0.42 0.00	29.27 -0.52 0.00	26.36 -0.74 0.00	26.73 -1.07 0.00	28.98 -0.89 0.00	31.16 -1.14 0.00	30.03 -1.51 0.00	29.61 -1.93 0.00	29.59 -2.00 0.00	29.93 -1.86 0.00	29.98 -2.24 0.00	29.13 -2.12 0.00	33.83 -1.84 0.00	39.04 -1.89 0.00	41.07 -2.30 0.00	40.94 -1.96 4.87	46.54 -1.43 0.79	48.39 -1.16 0.00	48.78 -0.91 0.00	55.47 -0.82 0.00	55.41 -1.42 0.00	51.82 -2.22 0.00	41.32 -1.48 0.00	34.78 -1.10 0.00
NEG WEST___LANCASTR 23811	34.47 -0.38 0.00	29.31 -0.48 0.00	26.45 -0.64 0.00	26.82 -0.97 0.00	29.03 -0.85 0.00	31.21 -1.09 0.00	30.22 -1.31 0.00	29.95 -1.59 0.00	30.01 -1.57 0.00	30.41 -1.37 0.00	30.62 -1.60 0.00	29.77 -1.47 0.00	34.47 -1.20 0.00	39.81 -1.12 0.00	41.95 -1.42 0.00	41.69 -1.00 5.08	47.64 -0.31 0.81	49.28 -0.28 0.00	49.62 -0.07 0.00	56.43 0.13 0.00	56.43 -0.40 0.00	52.76 -1.28 0.00	41.98 -0.82 0.00	35.26 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	35.05 0.19 0.00	29.94 0.15 0.00	27.25 0.16 0.00	27.83 0.04 0.00	29.88 0.01 0.00	32.19 -0.10 0.00	31.44 -0.10 0.00	31.39 -0.15 0.00	31.36 -0.22 0.00	31.57 -0.22 0.00	32.05 -0.16 0.00	31.17 -0.07 0.00	35.72 0.05 0.00	41.02 0.09 0.00	43.45 0.08 0.00	41.39 -0.07 6.31	47.95 0.17 0.98	49.80 0.25 0.00	50.19 0.50 0.00	57.13 0.83 0.00	57.61 0.78 0.00	54.48 0.44 0.00	43.14 0.35 0.00	36.13 0.24 0.00
NEG___GEN_MONROE 24207	35.23 0.37 0.00	29.95 0.16 0.00	27.06 -0.03 0.00	27.55 -0.25 0.00	29.74 -0.13 0.00	32.05 -0.25 0.00	31.15 -0.39 0.00	30.95 -0.60 0.00	30.88 -0.71 0.00	31.16 -0.62 0.00	31.46 -0.76 0.00	30.60 -0.64 0.00	35.32 -0.34 0.00	40.82 -0.11 0.00	43.23 -0.13 0.00	43.00 -0.04 4.73	48.49 0.50 0.77	50.49 0.94 0.00	51.04 1.35 0.00	58.31 2.01 0.00	58.52 1.68 0.00	54.98 0.94 0.00	43.49 0.70 0.00	36.41 0.52 0.00
NEPA___ENERGY 23901	34.44 -0.41 0.00	29.24 -0.55 0.00	26.45 -0.64 0.00	26.82 -0.98 0.00	28.96 -0.91 0.00	31.23 -1.07 0.00	30.30 -1.23 0.00	30.10 -1.44 0.00	30.12 -1.47 0.00	30.39 -1.39 0.00	30.75 -1.46 0.00	29.93 -1.31 0.00	34.65 -1.02 0.00	39.96 -0.97 0.00	42.16 -1.22 0.00	41.83 -0.85 5.09	47.88 -0.07 0.81	49.60 0.05 0.00	49.92 0.23 0.00	56.78 0.49 0.00	57.08 0.25 0.00	53.32 -0.72 0.00	42.36 -0.44 0.00	35.42 -0.46 0.00

NEVERSINK___HYD 23608	35.77 0.92 0.00	30.56 0.77 0.00	27.78 0.69 0.00	28.39 0.60 0.00	30.42 0.55 0.00	32.60 0.30 0.00	31.96 0.42 0.00	32.18 0.64 0.00	32.31 0.73 0.00	32.63 0.85 0.00	33.17 0.95 0.00	32.25 1.01 0.00	36.92 1.13 -0.12	42.36 1.25 -0.19	44.83 1.39 -0.07	47.28 1.23 1.72	49.64 1.09 0.21	50.82 1.27 0.00	51.10 1.41 0.00	57.58 1.28 0.00	57.80 0.97 0.00	55.07 1.03 0.00	43.73 0.94 0.00	36.74 0.85 0.00
NEWKRMKL_115KV_TB1 55635	35.32 0.46 0.00	30.42 0.64 0.00	27.83 0.74 0.00	28.51 0.71 0.00	30.57 0.69 0.00	32.75 0.45 0.00	32.02 0.49 0.00	32.03 0.48 0.00	31.94 0.35 0.00	32.03 0.24 0.00	32.45 0.24 0.00	31.31 0.07 0.00	35.41 -0.10 0.15	40.49 -0.20 0.24	43.11 -0.16 0.10	46.50 -0.47 0.80	48.01 -0.63 0.12	48.99 -0.56 0.00	49.28 -0.41 0.00	55.73 -0.57 0.00	56.24 -0.58 0.00	53.71 -0.33 0.00	42.55 -0.25 0.00	35.83 -0.06 0.00
NEWTON___FALLS_HYD 23847	35.85 0.99 0.00	30.52 0.73 0.00	27.63 0.54 0.00	28.46 0.66 0.00	30.71 0.84 0.00	33.36 1.06 0.00	32.43 0.89 0.00	32.27 0.72 0.00	32.20 0.62 0.00	32.37 0.58 0.00	32.60 0.38 0.00	31.47 0.22 0.00	35.95 0.28 0.00	41.30 0.37 0.00	43.89 0.52 0.00	44.88 0.30 3.19	48.60 0.33 0.49	49.99 0.44 0.00	50.45 0.76 0.00	58.21 1.91 0.00	59.59 2.76 0.00	56.96 2.92 0.00	44.84 2.05 0.00	36.76 0.88 0.00
NGRID_A1_DSASP 323792	33.86 -1.00 0.00	28.83 -0.96 0.00	25.96 -1.13 0.00	26.33 -1.46 0.00	28.56 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.42 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.17 0.00	38.74 -2.19 0.00	40.50 -2.86 0.00	40.23 -2.68 4.85	45.77 -2.21 0.78	47.65 -1.90 0.00	47.98 -1.72 0.00	54.43 -1.87 0.00	54.32 -2.51 0.00	50.78 -3.26 0.00	40.56 -2.24 0.00	34.39 -1.49 0.00
NGRID_A2_DSASP 323793	33.86 -1.00 0.00	28.83 -0.96 0.00	25.96 -1.13 0.00	26.33 -1.46 0.00	28.56 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.42 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.17 0.00	38.74 -2.19 0.00	40.50 -2.86 0.00	40.23 -2.68 4.85	45.77 -2.21 0.78	47.65 -1.90 0.00	47.98 -1.72 0.00	54.43 -1.87 0.00	54.32 -2.51 0.00	50.78 -3.26 0.00	40.56 -2.24 0.00	34.39 -1.49 0.00
NGRID_A4_DSASP 323807	33.86 -1.00 0.00	28.83 -0.96 0.00	25.96 -1.13 0.00	26.33 -1.46 0.00	28.56 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.42 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.17 0.00	38.74 -2.19 0.00	40.50 -2.86 0.00	40.23 -2.68 4.85	45.77 -2.21 0.78	47.65 -1.90 0.00	47.98 -1.72 0.00	54.43 -1.87 0.00	54.32 -2.51 0.00	50.78 -3.26 0.00	40.56 -2.24 0.00	34.39 -1.49 0.00
NIAGARA_115E_LBMP 323715	34.02 -0.84 0.00	28.93 -0.86 0.00	26.05 -1.04 0.00	26.42 -1.37 0.00	28.66 -1.21 0.00	30.84 -1.46 0.00	29.66 -1.88 0.00	29.20 -2.34 0.00	29.15 -2.43 0.00	29.51 -2.28 0.00	29.60 -2.62 0.00	28.78 -2.47 0.00	33.39 -2.27 0.00	38.58 -2.35 0.00	40.55 -2.82 0.00	40.66 -2.23 4.88	45.99 -1.99 0.79	47.81 -1.74 0.00	48.17 -1.52 0.00	54.69 -1.60 0.00	54.60 -2.23 0.00	51.06 -2.98 0.00	40.78 -2.02 0.00	34.37 -1.51 0.00
NIAGARA_115W_LBMP 323714	33.80 -1.05 0.00	28.77 -1.01 0.00	25.92 -1.18 0.00	26.28 -1.51 0.00	28.50 -1.38 0.00	30.56 -1.74 0.00	29.46 -2.08 0.00	29.03 -2.52 0.00	29.10 -2.48 0.00	29.54 -2.24 0.00	29.65 -2.57 0.00	28.82 -2.43 0.00	33.42 -2.25 0.00	38.65 -2.28 0.00	40.39 -2.98 0.00	40.11 -2.81 4.85	45.64 -2.34 0.78	47.51 -2.04 0.00	47.83 -1.86 0.00	54.27 -2.03 0.00	54.16 -2.67 0.00	50.64 -3.39 0.00	40.45 -2.35 0.00	34.32 -1.56 0.00
NIAGARA_230_LBMP 323716	34.06 -0.79 0.00	28.99 -0.80 0.00	26.13 -0.96 0.00	26.51 -1.29 0.00	28.73 -1.15 0.00	30.82 -1.47 0.00	29.73 -1.80 0.00	29.33 -2.22 0.00	29.38 -2.20 0.00	29.80 -1.98 0.00	29.91 -2.31 0.00	29.06 -2.18 0.00	33.69 -1.97 0.00	38.95 -1.98 0.00	40.94 -2.43 0.00	40.77 -2.19 4.82	46.27 -1.71 0.78	48.12 -1.43 0.00	48.45 -1.25 0.00	55.03 -1.27 0.00	54.95 -1.88 0.00	51.40 -2.64 0.00	40.99 -1.80 0.00	34.57 -1.31 0.00
NIAGARA___115KV_198_GIBSON 55903	33.80 -1.06 0.00	28.77 -1.02 0.00	25.92 -1.17 0.00	26.28 -1.51 0.00	28.50 -1.38 0.00	30.56 -1.74 0.00	29.46 -2.08 0.00	29.03 -2.52 0.00	29.10 -2.48 0.00	29.54 -2.25 0.00	29.65 -2.57 0.00	28.81 -2.43 0.00	33.42 -2.25 0.00	38.66 -2.27 0.00	40.39 -2.98 0.00	39.95 -2.97 4.85	45.64 -2.34 0.78	47.51 -2.04 0.00	47.83 -1.86 0.00	54.29 -2.01 0.00	54.17 -2.66 0.00	50.64 -3.40 0.00	40.45 -2.34 0.00	34.32 -1.56 0.00
NIAGARA____ 23760	34.06 -0.79 0.00	28.99 -0.80 0.00	26.13 -0.96 0.00	26.51 -1.29 0.00	28.73 -1.15 0.00	30.82 -1.47 0.00	29.73 -1.80 0.00	29.33 -2.22 0.00	29.38 -2.20 0.00	29.80 -1.98 0.00	29.91 -2.31 0.00	29.06 -2.18 0.00	33.69 -1.97 0.00	38.95 -1.98 0.00	40.94 -2.43 0.00	40.75 -2.19 4.83	46.27 -1.71 0.78	48.12 -1.43 0.00	48.45 -1.25 0.00	55.03 -1.27 0.00	54.95 -1.88 0.00	51.40 -2.64 0.00	40.99 -1.80 0.00	34.57 -1.31 0.00
NINE_MILE_1 23575	33.84 -1.01 0.00	28.91 -0.88 0.00	26.29 -0.80 0.00	26.92 -0.88 0.00	28.94 -0.93 0.00	31.22 -1.08 0.00	30.47 -1.07 0.00	30.44 -1.10 0.00	30.44 -1.14 0.00	30.62 -1.16 0.00	31.04 -1.17 0.00	30.12 -1.12 0.00	34.43 -1.24 0.00	39.57 -1.36 0.00	41.97 -1.41 0.00	29.79 -2.09 15.88	44.20 -2.10 2.47	47.59 -1.96 0.00	47.95 -1.74 0.00	54.78 -1.52 0.00	55.41 -1.43 0.00	52.57 -1.47 0.00	41.62 -1.18 0.00	34.87 -1.01 0.00
NINE_MILE_2 23744	33.84 -1.01 0.00	28.91 -0.88 0.00	26.29 -0.79 0.00	26.92 -0.88 0.00	28.95 -0.93 0.00	31.22 -1.08 0.00	30.47 -1.07 0.00	30.45 -1.10 0.00	30.44 -1.14 0.00	30.62 -1.16 0.00	31.04 -1.17 0.00	30.12 -1.12 0.00	34.43 -1.24 0.00	39.57 -1.36 0.00	41.97 -1.40 0.00	29.75 -2.09 15.93	44.19 -2.10 2.47	47.59 -1.96 0.00	47.94 -1.75 0.00	54.78 -1.52 0.00	55.41 -1.43 0.00	52.57 -1.47 0.00	41.62 -1.18 0.00	34.87 -1.01 0.00
NM_CAPITAL___DRP 24208	35.34 0.49 0.00	30.46 0.67 0.00	27.87 0.78 0.00	28.55 0.75 0.00	30.60 0.73 0.00	32.78 0.48 0.00	32.05 0.51 0.00	32.04 0.50 0.00	31.96 0.38 0.00	32.05 0.27 0.00	32.49 0.27 0.00	31.36 0.12 0.00	35.46 -0.04 0.17	40.53 -0.13 0.26	43.16 -0.11 0.11	46.51 -0.45 0.80	48.00 -0.63 0.12	48.98 -0.58 0.00	49.25 -0.44 0.00	55.67 -0.62 0.00	56.22 -0.60 0.00	53.72 -0.32 0.00	42.55 -0.24 0.00	35.87 -0.01 0.00
NM_CENTRAL___DRP 24181	34.55 -0.31 0.00	29.49 -0.30 0.00	26.82 -0.27 0.00	27.44 -0.35 0.00	29.50 -0.38 0.00	31.81 -0.49 0.00	31.06 -0.48 0.00	31.04 -0.50 0.00	31.00 -0.58 0.00	31.19 -0.59 0.00	31.65 -0.57 0.00	30.74 -0.51 0.00	35.17 -0.49 0.00	40.46 -0.47 0.00	42.95 -0.42 0.00	36.77 -0.91 10.08	46.42 -0.79 1.55	48.96 -0.59 0.00	49.37 -0.32 0.00	56.38 0.08 0.00	56.95 0.12 0.00	53.96 -0.08 0.00	42.68 -0.11 0.00	35.71 -0.17 0.00

NM_FRONTIER___DRP 24179	33.80 -1.06 0.00	28.77 -1.02 0.00	25.92 -1.17 0.00	26.28 -1.51 0.00	28.50 -1.38 0.00	30.56 -1.74 0.00	29.46 -2.08 0.00	29.03 -2.52 0.00	29.10 -2.48 0.00	29.54 -2.25 0.00	29.65 -2.57 0.00	28.81 -2.43 0.00	33.42 -2.25 0.00	38.66 -2.27 0.00	40.39 -2.98 0.00	39.95 -2.97 4.85	45.64 -2.34 0.78	47.51 -2.04 0.00	47.83 -1.86 0.00	54.29 -2.01 0.00	54.17 -2.66 0.00	50.64 -3.40 0.00	40.45 -2.34 0.00	34.32 -1.56 0.00
NM_ST_REGIS___HYD 24053	35.52 0.67 0.00	30.26 0.47 0.00	27.32 0.23 0.00	28.22 0.42 0.00	30.50 0.63 0.00	33.26 0.96 0.00	32.37 0.83 0.00	32.28 0.74 0.00	32.39 0.80 0.00	32.66 0.88 0.00	32.92 0.71 0.00	31.82 0.58 0.00	36.38 0.71 0.00	41.84 0.92 0.00	44.34 0.97 0.00	47.00 0.78 1.55	49.22 0.70 0.24	50.11 0.56 0.00	50.22 0.52 0.00	57.56 1.27 0.00	58.76 1.93 0.00	56.17 2.13 0.00	44.37 1.57 0.00	36.80 0.92 0.00
NORTHPORT___1 23551	36.65 1.79 0.00	31.39 1.60 0.00	28.40 1.31 0.00	29.01 1.22 0.00	31.05 1.18 0.00	33.20 0.90 0.00	32.40 0.86 0.00	32.62 1.07 0.00	32.80 1.22 0.00	33.35 1.57 0.00	34.68 2.40 -0.06	38.80 2.53 -5.03	42.18 2.67 -3.84	44.88 2.53 -1.42	45.64 2.15 -0.12	45.12 0.71 3.36	20.32 0.11 28.55	24.49 0.12 25.18	49.82 0.13 0.00	28.40 -0.55 27.34	28.53 -0.89 27.41	25.09 -0.49 28.46	22.97 0.05 19.88	30.32 0.33 5.89
NORTHPORT___2 23552	36.65 1.79 0.00	31.39 1.60 0.00	28.40 1.31 0.00	29.01 1.22 0.00	31.05 1.18 0.00	33.20 0.90 0.00	32.40 0.86 0.00	32.62 1.07 0.00	32.80 1.22 0.00	33.35 1.57 0.00	34.68 2.40 -0.06	38.80 2.53 -5.03	42.18 2.67 -3.84	44.88 2.53 -1.42	45.64 2.15 -0.12	45.12 0.71 3.36	20.32 0.11 28.55	24.49 0.12 25.18	49.82 0.13 0.00	28.40 -0.55 27.34	28.53 -0.89 27.41	25.09 -0.49 28.46	22.97 0.05 19.88	30.32 0.33 5.89
NORTHPORT___3 23553	36.51 1.66 0.00	31.27 1.48 0.00	28.30 1.21 0.00	28.90 1.10 0.00	30.91 1.04 0.00	33.08 0.78 0.00	32.26 0.72 0.00	32.45 0.91 0.00	32.66 1.08 0.00	33.21 1.42 0.00	34.53 2.25 -0.06	38.65 2.38 -5.03	42.03 2.55 -3.82	44.72 2.37 -1.42	45.48 1.99 -0.12	44.96 0.55 3.36	20.30 0.00 28.46	24.44 0.07 25.18	49.67 -0.02 0.00	28.44 -0.67 27.19	28.45 -1.12 27.25	25.01 -0.73 28.30	22.93 -0.09 19.77	30.28 0.26 5.86
NORTHPORT___4 23650	36.51 1.66 0.00	31.27 1.48 0.00	28.30 1.21 0.00	28.90 1.10 0.00	30.91 1.04 0.00	33.08 0.78 0.00	32.26 0.72 0.00	32.45 0.91 0.00	32.66 1.08 0.00	33.21 1.42 0.00	34.53 2.25 -0.06	38.65 2.38 -5.03	42.03 2.55 -3.82	44.72 2.37 -1.42	45.48 1.99 -0.12	44.96 0.55 3.36	20.30 0.00 28.46	24.44 0.07 25.18	49.67 -0.02 0.00	28.44 -0.67 27.19	28.45 -1.12 27.25	25.01 -0.73 28.30	22.93 -0.09 19.77	30.28 0.26 5.86
NORTHPORT___IC 23718	36.65 1.79 0.00	31.39 1.60 0.00	28.40 1.31 0.00	29.01 1.22 0.00	31.05 1.18 0.00	33.20 0.90 0.00	32.40 0.86 0.00	32.62 1.07 0.00	32.80 1.22 0.00	33.35 1.57 0.00	34.68 2.40 -0.06	38.80 2.53 -5.03	42.18 2.67 -3.84	44.88 2.53 -1.42	45.65 2.16 -0.12	45.19 0.78 3.36	20.34 0.13 28.55	24.49 0.12 25.18	49.82 0.13 0.00	28.42 -0.53 27.34	28.53 -0.89 27.41	25.12 -0.46 28.46	22.99 0.07 19.88	30.32 0.34 5.89
NORTH___COUNTRY_ESR 323785	35.10 0.25 0.00	29.91 0.12 0.00	26.98 -0.11 0.00	27.80 0.01 0.00	30.04 0.17 0.00	32.77 0.47 0.00	31.95 0.41 0.00	31.93 0.38 0.00	32.13 0.54 0.00	32.43 0.64 0.00	32.72 0.51 0.00	31.65 0.41 0.00	36.13 0.46 0.00	41.51 0.58 0.00	43.93 0.56 0.00	47.62 0.53 0.68	49.28 0.63 0.10	50.11 0.56 0.00	50.07 0.37 0.00	57.07 0.77 0.00	57.89 1.06 0.00	54.99 0.95 0.00	43.34 0.54 0.00	36.08 0.20 0.00
NPX_GEN_1385_PROXY 323591	42.19 1.88 -5.45	31.47 1.68 0.00	28.40 1.31 0.00	29.14 1.35 0.00	31.19 1.31 0.00	33.36 1.07 0.00	32.73 1.19 0.00	32.87 1.33 0.00	32.69 1.11 0.00	33.33 1.55 0.00	34.43 2.15 -0.06	38.60 2.32 -5.03	41.96 2.45 -3.84	44.80 2.45 -1.42	45.31 1.81 -0.12	44.69 0.27 3.36	20.16 -0.05 28.55	32.60 0.13 17.09	50.13 0.44 0.00	28.66 -0.29 27.34	29.49 0.07 27.41	26.07 0.49 28.46	23.46 0.54 19.88	30.41 0.42 5.89
NPX_GEN_CSC 323557	42.04 1.73 -5.45	31.32 1.53 0.00	28.31 1.22 0.00	28.89 1.10 0.00	30.90 1.03 0.00	33.05 0.75 0.00	32.27 0.73 0.00	32.58 1.03 0.00	32.82 1.23 0.00	33.38 1.60 0.00	34.72 2.44 -0.06	38.91 2.63 -5.03	42.26 2.61 -3.99	44.79 2.44 -1.42	45.66 2.16 -0.12	47.48 0.99 1.27	30.92 0.66 18.50	56.91 0.92 -6.44	50.61 0.92 0.00	29.77 0.37 26.90	29.80 -0.06 26.98	26.28 0.24 28.00	23.87 0.64 19.56	30.65 0.57 5.80
NSINS_S_GLNS_FALLS 23858	36.58 1.73 0.00	31.32 1.54 0.00	28.56 1.47 0.00	29.22 1.43 0.00	31.36 1.49 0.00	33.66 1.36 0.00	32.99 1.45 0.00	32.90 1.36 0.00	32.66 1.07 0.00	32.59 0.81 0.00	32.77 0.55 0.00	31.83 0.58 0.00	35.98 0.48 0.17	41.22 0.56 0.27	43.98 0.72 0.11	47.66 0.66 0.78	49.49 0.85 0.12	50.88 1.32 0.00	51.69 2.00 0.00	59.00 2.70 0.00	59.73 2.90 0.00	56.85 2.81 0.00	44.65 1.85 0.00	37.73 1.85 0.00
NUCOR_STEEL___DRP 24197	35.16 0.31 0.00	29.87 0.08 0.00	27.25 0.16 0.00	27.81 0.01 0.00	29.86 -0.01 0.00	32.22 -0.07 0.00	31.57 0.03 0.00	31.54 0.00 0.00	31.42 -0.16 0.00	31.43 -0.36 0.00	31.83 -0.39 0.00	30.89 -0.35 0.00	35.37 -0.29 0.00	40.72 -0.21 0.00	43.43 0.06 0.00	37.66 -0.35 9.76	46.85 -0.46 1.45	49.29 -0.26 0.00	50.09 0.40 0.00	57.37 1.07 0.00	57.78 0.95 0.00	54.65 0.61 0.00	43.35 0.56 0.00	36.14 0.25 0.00
NUMBER_THREE_WT_PWR 323818	36.29 1.44 0.00	30.92 1.14 0.00	28.05 0.96 0.00	28.80 1.01 0.00	31.03 1.16 0.00	33.59 1.29 0.00	32.63 1.09 0.00	32.44 0.89 0.00	32.25 0.66 0.00	32.33 0.54 0.00	32.57 0.35 0.00	31.42 0.18 0.00	35.87 0.20 0.00	41.16 0.23 0.00	43.73 0.36 0.00	43.86 0.23 4.13	48.56 0.44 0.64	50.36 0.81 0.00	51.09 1.39 0.00	59.14 2.84 0.00	60.51 3.68 0.00	57.69 3.65 0.00	45.22 2.42 0.00	36.63 0.75 0.00
NYISO_LBMP_REFERENCE 24008	34.85 0.00 0.00	29.79 0.00 0.00	27.09 0.00 0.00	27.79 0.00 0.00	29.88 0.00 0.00	32.30 0.00 0.00	31.54 0.00 0.00	31.55 0.00 0.00	31.59 0.00 0.00	31.78 0.00 0.00	32.22 0.00 0.00	31.24 0.00 0.00	35.67 0.00 0.00	40.93 0.00 0.00	43.37 0.00 0.00	47.77 0.00 0.00	48.76 0.00 0.00	49.55 0.00 0.00	49.69 0.00 0.00	56.30 0.00 0.00	56.83 0.00 0.00	54.04 0.00 0.00	42.79 0.00 0.00	35.88 0.00 0.00
NYPA_BRENTWD____GT 24164	37.13 2.28 0.00	31.77 1.98 0.00	28.72 1.63 0.00	29.33 1.54 0.00	31.39 1.51 0.00	33.57 1.28 0.00	32.79 1.25 0.00	33.07 1.53 0.00	33.29 1.70 0.00	33.84 2.05 0.00	35.15 2.87 -0.06	39.28 3.01 -5.03	43.07 3.24 -4.17	45.55 3.21 -1.42	46.45 2.95 -0.12	48.23 1.78 1.32	31.60 1.18 18.34	48.67 1.22 2.10	50.92 1.24 0.00	30.63 0.70 26.37	30.70 0.31 26.44	27.36 0.76 27.44	24.64 1.01 19.17	31.26 1.06 5.68

NYPA_GOWANUS____GT5 24156	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.34 1.79 0.00	51.33 1.65 0.00	57.48 1.19 0.01	57.64 0.81 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NYPA_GOWANUS____GT6 24157	36.75 1.90 0.00	31.52 1.73 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.40 1.82 0.00	33.74 1.95 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.35 2.85 -0.12	49.07 2.85 2.41 1.11	50.49 1.90 0.17	51.34 1.79 0.00	51.33 1.65 0.00	57.48 1.19 0.01	57.64 0.81 0.01	55.13 1.09 0.00	44.34 1.55 0.00	37.35 1.46 0.00
NYPA_HARLEM__RVR__GT1 24160	36.63 1.78 0.00	31.50 1.72 0.00	28.53 1.44 0.00	29.14 1.35 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.75 0.00	33.67 1.89 0.00	34.35 2.13 0.00	33.44 2.19 0.00	38.35 2.49 -0.20	43.70 2.47 -0.30	46.15 2.66 -0.12	48.87 2.21 1.11	50.31 1.72 0.17	51.27 1.71 0.00	51.27 1.58 0.00	57.35 1.05 -0.01	57.41 0.57 -0.01	54.92 0.88 -0.01	44.25 1.46 0.00	37.21 1.33 0.00
NYPA_HARLEM__RVR__GT2 24161	36.63 1.78 0.00	31.50 1.72 0.00	28.53 1.44 0.00	29.14 1.35 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.75 0.00	33.67 1.89 0.00	34.35 2.13 0.00	33.44 2.19 0.00	38.35 2.49 -0.20	43.70 2.47 -0.30	46.15 2.66 -0.12	48.87 2.21 1.11	50.31 1.72 0.17	51.27 1.71 0.00	51.27 1.58 0.00	57.35 1.05 -0.01	57.41 0.57 -0.01	54.92 0.88 -0.01	44.25 1.46 0.00	37.21 1.33 0.00
NYPA_KENT____GT 24152	36.71 1.86 0.00	31.51 1.72 0.00	28.56 1.47 0.00	29.17 1.37 0.00	31.22 1.35 0.00	33.35 1.05 0.00	32.82 1.28 0.00	33.17 1.63 0.00	33.43 1.84 0.00	33.76 1.98 0.00	34.46 2.24 0.00	33.53 2.28 0.00	38.45 2.59 -0.20	43.89 2.65 -0.30	46.34 2.84 -0.12	49.06 2.41 1.11	50.45 1.86 0.17	51.29 1.73 0.00	51.27 1.59 0.00	57.38 1.09 0.01	56.76 0.69 0.76	52.74 1.00 2.30	44.27 1.48 0.00	37.31 1.43 0.00
NYPA_POUCHI____GT 24155	36.66 1.81 0.00	31.44 1.66 0.00	28.49 1.40 0.00	29.09 1.29 0.00	31.14 1.27 0.00	33.27 0.97 0.00	32.73 1.19 0.00	33.07 1.53 0.00	33.28 1.69 0.00	33.59 1.80 0.00	34.29 2.07 0.00	33.36 2.12 0.00	38.28 2.42 -0.20	43.68 2.45 -0.30	46.15 2.66 -0.12	48.86 2.20 1.11	50.32 1.73 0.17	51.18 1.63 0.00	51.15 1.46 0.00	57.26 0.98 0.01	57.45 0.63 0.01	54.94 0.90 0.00	44.26 1.47 0.00	37.28 1.40 0.00
NYPA_VERNON____GT2 24162	36.68 1.83 0.00	31.50 1.71 0.00	28.56 1.47 0.00	29.17 1.37 0.00	31.23 1.36 0.00	33.34 1.05 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.45 1.87 0.00	33.79 2.01 0.00	34.49 2.27 0.00	33.55 2.31 0.00	38.46 2.60 -0.20	43.89 2.66 -0.30	46.33 2.83 -0.12	49.07 2.41 1.11	50.46 1.87 0.17	51.27 1.71 0.00	51.26 1.57 0.00	57.35 1.06 0.01	55.93 0.61 1.51	50.35 0.91 4.59	44.18 1.39 0.00	37.27 1.39 0.00
NYPA_VERNON____GT3 24163	36.68 1.83 0.00	31.50 1.71 0.00	28.56 1.47 0.00	29.17 1.37 0.00	31.23 1.36 0.00	33.34 1.05 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.45 1.87 0.00	33.79 2.01 0.00	34.49 2.27 0.00	33.55 2.31 0.00	38.46 2.60 -0.20	43.89 2.66 -0.30	46.33 2.83 -0.12	49.07 2.41 1.11	50.46 1.87 0.17	51.27 1.71 0.00	51.26 1.57 0.00	57.35 1.06 0.01	55.93 0.61 1.51	50.35 0.91 4.59	44.18 1.39 0.00	37.27 1.39 0.00
NYPA__ASTORIA_CC1 323568	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.42 0.00	29.12 1.32 0.00	31.18 1.31 0.00	33.27 0.97 0.00	32.75 1.21 0.00	33.12 1.58 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.24 0.00	38.38 2.52 -0.20	43.80 2.57 -0.30	46.23 2.73 -0.12	48.92 2.27 1.11	50.30 1.71 0.17	51.08 1.53 0.00	51.08 1.39 0.00	57.12 0.83 0.01	55.33 0.40 1.91	48.93 0.69 5.80	44.06 1.26 0.00	37.18 1.29 0.00
NYPA__ASTORIA_CC2 323569	36.60 1.74 0.00	31.45 1.67 0.00	28.51 1.42 0.00	29.12 1.32 0.00	31.18 1.31 0.00	33.27 0.97 0.00	32.75 1.21 0.00	33.12 1.58 0.00	33.39 1.81 0.00	33.74 1.95 0.00	34.42 2.20 0.00	33.49 2.24 0.00	38.38 2.52 -0.20	43.80 2.57 -0.30	46.23 2.73 -0.12	48.92 2.27 1.11	50.30 1.71 0.17	51.08 1.53 0.00	51.08 1.39 0.00	57.12 0.83 0.01	55.33 0.40 1.91	48.93 0.69 5.80	44.06 1.26 0.00	37.18 1.29 0.00
NYPA__HOLTSVILL 23794	36.83 1.98 0.00	31.53 1.75 0.00	28.51 1.42 0.00	29.11 1.32 0.00	31.15 1.27 0.00	33.31 1.01 0.00	32.53 0.99 0.00	32.81 1.27 0.00	33.03 1.44 0.00	33.58 1.80 0.00	34.90 2.62 -0.06	39.05 2.78 -5.03	42.56 2.92 -3.97	45.15 2.80 -1.42	46.02 2.53 -0.12	47.88 1.38 1.27	31.21 0.94 18.49	48.94 0.96 1.56	50.62 0.94 0.00	29.75 0.39 26.94	29.82 0.01 27.01	26.35 0.35 28.04	23.98 0.77 19.59	30.85 0.77 5.81
NYPA____HELLGATE_GT1 24158	36.63 1.78 0.00	31.50 1.72 0.00	28.53 1.44 0.00	29.14 1.35 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.75 0.00	33.67 1.89 0.00	34.35 2.13 0.00	33.44 2.19 0.00	38.35 2.49 -0.20	43.70 2.47 -0.30	46.15 2.66 -0.12	48.87 2.21 1.11	50.31 1.72 0.17	51.27 1.71 0.00	51.27 1.58 0.00	57.35 1.05 -0.01	57.41 0.57 -0.01	54.94 0.89 -0.01	44.25 1.46 0.00	37.21 1.33 0.00
NYPA____HELLGATE_GT2 24159	36.63 1.78 0.00	31.50 1.72 0.00	28.53 1.44 0.00	29.14 1.35 0.00	31.19 1.31 0.00	33.28 0.98 0.00	32.75 1.21 0.00	33.12 1.57 0.00	33.34 1.75 0.00	33.67 1.89 0.00	34.35 2.13 0.00	33.44 2.19 0.00	38.35 2.49 -0.20	43.70 2.47 -0.30	46.15 2.66 -0.12	48.87 2.21 1.11	50.31 1.72 0.17	51.27 1.71 0.00	51.27 1.58 0.00	57.35 1.05 -0.01	57.41 0.57 -0.01	54.94 0.89 -0.01	44.25 1.46 0.00	37.21 1.33 0.00
NYS_BARGE__HYD 23848	34.44 -0.41 0.00	29.28 -0.50 0.00	26.38 -0.72 0.00	26.75 -1.05 0.00	29.00 -0.87 0.00	31.20 -1.10 0.00	30.06 -1.48 0.00	29.63 -1.91 0.00	29.60 -1.99 0.00	29.94 -1.84 0.00	30.01 -2.20 0.00	29.18 -2.06 0.00	33.92 -1.75 0.00	39.12 -1.81 0.00	41.18 -2.20 0.00	41.24 -1.67 4.86	46.68 -1.30 0.79	48.54 -1.01 0.00	48.95 -0.75 0.00	55.66 -0.64 0.00	55.61 -1.23 0.00	51.99 -2.05 0.00	41.46 -1.34 0.00	34.89 -0.99 0.00
OAK ORCHARD__HYD 24046	34.91 0.06 0.00	29.72 -0.07 0.00	26.89 -0.20 0.00	27.40 -0.39 0.00	29.58 -0.29 0.00	31.86 -0.43 0.00	31.00 -0.54 0.00	30.82 -0.72 0.00	30.82 -0.76 0.00	31.15 -0.63 0.00	31.48 -0.74 0.00	30.61 -0.63 0.00	35.22 -0.45 0.00	40.75 -0.18 0.00	43.17 -0.20 0.00	42.89 -0.15 4.73	48.28 0.29 0.77	50.20 0.65 0.00	50.65 0.96 0.00	57.76 1.47 0.00	57.97 1.14 0.00	54.53 0.49 0.00	43.14 0.34 0.00	36.10 0.21 0.00

OAKDALE___35_KV_LOAD 356122	34.89 0.04 0.00	29.80 0.01 0.00	27.14 0.04 0.00	27.72 -0.07 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.29 -0.25 0.00	31.25 -0.29 0.00	31.25 -0.34 0.00	31.46 -0.33 0.00	31.95 -0.27 0.00	31.03 -0.21 0.00	35.56 -0.11 0.00	40.82 -0.11 0.00	43.23 -0.14 0.00	41.18 -0.34 6.26	47.65 -0.14 0.97	49.47 -0.08 0.00	49.86 0.16 0.00	56.72 0.42 0.00	57.23 0.40 0.00	54.14 0.10 0.00	42.90 0.10 0.00	35.95 0.06 0.00
OCC_CHEM___DRP 24175	33.86 -1.00 0.00	28.83 -0.96 0.00	25.97 -1.12 0.00	26.33 -1.46 0.00	28.55 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.43 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.18 0.00	38.75 -2.18 0.00	40.50 -2.87 0.00	40.07 -2.85 4.85	45.76 -2.22 0.78	47.65 -1.90 0.00	47.97 -1.72 0.00	54.45 -1.84 0.00	54.31 -2.52 0.00	50.77 -3.27 0.00	40.56 -2.23 0.00	34.39 -1.49 0.00
OH_GEN_PROXY 24063	39.51 -0.80 -5.45	28.99 -0.80 0.00	26.13 -0.96 0.00	26.51 -1.28 0.00	28.73 -1.15 0.00	30.83 -1.47 0.00	29.75 -1.79 0.00	29.37 -2.18 0.00	29.43 -2.15 0.00	29.86 -1.92 0.00	29.98 -2.23 0.00	29.13 -2.12 0.00	33.76 -1.91 0.00	39.02 -1.91 0.00	41.03 -2.34 0.00	40.86 -2.10 4.81	92.44 -1.62 -45.30	56.29 -1.35 -8.09	74.67 -1.17 -26.14	55.12 -1.18 0.00	80.75 -1.77 -25.68	51.51 -2.54 0.00	41.06 -1.73 0.00	34.60 -1.28 0.00
OLIN_CORP_DRP 24177	34.06 -0.80 0.00	28.97 -0.82 0.00	26.09 -1.00 0.00	26.46 -1.33 0.00	28.70 -1.17 0.00	30.87 -1.42 0.00	29.70 -1.84 0.00	29.26 -2.29 0.00	29.21 -2.37 0.00	29.58 -2.21 0.00	29.68 -2.53 0.00	28.84 -2.40 0.00	33.48 -2.18 0.00	38.70 -2.23 0.00	40.67 -2.70 0.00	40.60 -2.29 4.88	46.09 -1.88 0.79	47.95 -1.60 0.00	48.30 -1.40 0.00	54.85 -1.45 0.00	54.76 -2.07 0.00	51.18 -2.86 0.00	40.88 -1.92 0.00	34.45 -1.43 0.00
OLIN_CORP_DSASP 323712	33.86 -1.00 0.00	28.83 -0.96 0.00	25.96 -1.13 0.00	26.33 -1.46 0.00	28.56 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.42 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.17 0.00	38.74 -2.19 0.00	40.50 -2.86 4.85	40.23 -2.68 0.78	45.77 -2.21 0.00	47.65 -1.90 0.00	47.98 -1.72 0.00	54.43 -1.87 0.00	54.32 -2.51 0.00	50.78 -3.26 0.00	40.56 -2.24 0.00	34.39 -1.49 0.00
ONEIDA_HERK_LFGE 323681	35.98 1.13 0.00	30.71 0.93 0.00	27.92 0.83 0.00	28.62 0.83 0.00	30.78 0.91 0.00	33.29 1.00 0.00	32.44 0.90 0.00	32.33 0.79 0.00	32.20 0.62 0.00	32.32 0.54 0.00	32.67 0.45 0.00	31.62 0.37 0.00	36.11 0.44 0.00	41.47 0.54 0.00	44.04 0.67 0.00	45.23 0.61 3.16	49.05 0.78 0.49	50.63 1.08 0.00	51.18 1.49 0.00	58.72 2.42 0.00	59.60 2.77 0.00	56.68 2.65 0.00	44.61 1.81 0.00	36.79 0.91 0.00
ONEIDA___115KV_TB4 55905	35.92 1.07 0.00	30.68 0.89 0.00	27.92 0.83 0.00	28.59 0.80 0.00	30.73 0.85 0.00	33.21 0.92 0.00	32.42 0.88 0.00	32.28 0.74 0.00	32.12 0.54 0.00	32.25 0.46 0.00	32.67 0.45 0.00	31.67 0.42 0.00	36.21 0.54 0.00	41.63 0.70 0.00	44.27 0.90 0.00	43.39 0.81 5.20	48.97 1.01 0.80	50.88 1.32 0.00	51.39 1.70 0.00	58.86 2.57 0.00	59.60 2.77 0.00	56.53 2.49 0.00	44.53 1.74 0.00	37.04 1.16 0.00
ONONDAGA_REF_OCCRA 23987	34.70 -0.15 0.00	29.62 -0.16 0.00	26.95 -0.14 0.00	27.57 -0.22 0.00	29.62 -0.25 0.00	31.95 -0.35 0.00	31.21 -0.33 0.00	31.20 -0.35 0.00	31.14 -0.45 0.00	31.32 -0.47 0.00	31.77 -0.45 0.00	30.86 -0.38 0.00	35.31 -0.35 0.00	40.61 -0.31 0.00	43.12 -0.24 0.00	36.89 -0.72 10.16	46.62 -0.57 1.57	49.19 -0.36 0.00	49.66 -0.03 0.00	56.76 0.46 0.00	57.34 0.51 0.00	54.32 0.28 0.00	42.95 0.15 0.00	35.93 0.05 0.00
ONONDAGA___COGEN 23986	34.72 -0.13 0.00	29.62 -0.16 0.00	26.96 -0.13 0.00	27.58 -0.22 0.00	29.64 -0.23 0.00	31.96 -0.33 0.00	31.24 -0.30 0.00	31.21 -0.34 0.00	31.14 -0.45 0.00	31.29 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.58 -0.35 0.00	43.12 -0.25 0.00	36.61 -0.76 10.40	46.50 -0.67 1.60	49.09 -0.46 0.00	49.59 -0.10 0.00	56.68 0.39 0.00	57.26 0.43 0.00	54.25 0.21 0.00	42.91 0.12 0.00	35.89 0.01 0.00
ONTARIO___LFGE 23819	35.20 0.35 0.00	29.97 0.18 0.00	27.20 0.11 0.00	27.71 -0.08 0.00	29.85 -0.02 0.00	32.22 -0.07 0.00	31.48 -0.06 0.00	31.36 -0.19 0.00	31.19 -0.40 0.00	31.30 -0.49 0.00	31.66 -0.55 0.00	30.75 -0.49 0.00	35.31 -0.35 0.00	40.74 -0.19 0.00	43.23 -0.14 0.00	41.11 -0.16 6.50	47.98 0.25 1.03	50.08 0.53 0.00	50.75 1.06 0.00	58.12 1.83 0.00	58.59 1.76 0.00	55.14 1.10 0.00	43.64 0.85 0.00	36.48 0.60 0.00
ORANGEVILLE_WT_PWR 323706	34.66 -0.19 0.00	29.45 -0.33 0.00	26.56 -0.53 0.00	26.88 -0.92 0.00	29.11 -0.76 0.00	31.38 -0.92 0.00	30.43 -1.11 0.00	30.03 -1.51 0.00	29.88 -1.70 0.00	30.20 -1.58 0.00	30.42 -1.79 0.00	29.53 -1.72 0.00	34.13 -1.54 0.00	39.38 -1.55 0.00	41.60 -1.77 0.00	41.09 -1.40 5.29	47.06 -0.85 0.84	48.92 -0.63 0.00	49.43 -0.26 0.00	56.46 0.16 0.00	56.75 -0.08 0.00	53.03 -1.01 0.00	42.08 -0.72 0.00	35.34 -0.54 0.00
ORANGEVILLE___ESR 323794	34.66 -0.19 0.00	29.45 -0.33 0.00	26.56 -0.53 0.00	26.88 -0.92 0.00	29.11 -0.76 0.00	31.38 -0.92 0.00	30.43 -1.11 0.00	30.03 -1.51 0.00	29.88 -1.70 0.00	30.20 -1.58 0.00	30.42 -1.79 0.00	29.53 -1.72 0.00	34.13 -1.54 0.00	39.38 -1.55 0.00	41.60 -1.77 0.00	41.09 -1.40 5.29	47.06 -0.85 0.84	48.92 -0.63 0.00	49.43 -0.26 0.00	56.46 0.16 0.00	56.75 -0.08 0.00	53.03 -1.01 0.00	42.08 -0.72 0.00	35.34 -0.54 0.00
OSWEGATCHIE___HYD 24044	35.85 0.99 0.00	30.52 0.73 0.00	27.63 0.54 0.00	28.46 0.66 0.00	30.71 0.84 0.00	33.36 1.06 0.00	32.43 0.89 0.00	32.27 0.72 0.00	32.20 0.62 0.00	32.37 0.58 0.00	32.60 0.38 0.00	31.47 0.23 0.00	35.95 0.28 0.00	41.30 0.37 0.00	43.89 0.52 0.00	44.88 0.31 3.19	48.60 0.33 0.49	49.99 0.44 0.00	50.45 0.76 0.00	58.21 1.91 0.00	59.59 2.76 0.00	56.95 2.91 0.00	44.84 2.04 0.00	36.76 0.88 0.00
OSWEGO___5 23606	34.11 -0.74 0.00	29.13 -0.66 0.00	26.50 -0.59 0.00	27.13 -0.66 0.00	29.16 -0.71 0.00	31.46 -0.84 0.00	30.70 -0.84 0.00	30.68 -0.87 0.00	30.66 -0.93 0.00	30.84 -0.95 0.00	31.26 -0.96 0.00	30.34 -0.90 0.00	34.68 -0.99 0.00	39.86 -1.07 0.00	42.28 -1.10 0.00	31.22 -1.79 14.76	44.71 -1.76 2.29	47.94 -1.62 0.00	48.31 -1.38 0.00	55.24 -1.06 0.00	55.88 -0.95 0.00	53.00 -1.04 0.00	41.96 -0.84 0.00	35.15 -0.73 0.00
OSWEGO___6 23613	34.11 -0.74 0.00	29.13 -0.66 0.00	26.50 -0.59 0.00	27.13 -0.66 0.00	29.16 -0.71 0.00	31.46 -0.84 0.00	30.70 -0.84 0.00	30.68 -0.87 0.00	30.66 -0.93 0.00	30.84 -0.95 0.00	31.26 -0.96 0.00	30.34 -0.90 0.00	34.68 -0.99 0.00	39.86 -1.07 0.00	42.28 -1.10 0.00	31.22 -1.79 14.76	44.71 -1.76 2.29	47.94 -1.62 0.00	48.31 -1.38 0.00	55.24 -1.06 0.00	55.88 -0.95 0.00	53.00 -1.04 0.00	41.96 -0.84 0.00	35.15 -0.73 0.00

OUTOKUMPU-AB___DRP 24206	34.61 -0.24 0.00	29.43 -0.36 0.00	26.49 -0.60 0.00	26.86 -0.94 0.00	29.11 -0.76 0.00	31.28 -1.01 0.00	30.18 -1.36 0.00	29.79 -1.75 0.00	29.82 -1.76 0.00	30.24 -1.55 0.00	30.40 -1.81 0.00	29.60 -1.65 0.00	34.36 -1.31 0.00	39.73 -1.20 0.00	41.74 -1.63 0.00	41.48 -1.39 4.90	47.16 -0.81 0.79	49.08 -0.47 0.00	49.46 -0.24 0.00	56.18 -0.12 0.00	56.06 -0.77 0.00	52.35 -1.69 0.00	41.81 -0.99 0.00	35.28 -0.60 0.00
OXBOW___BTM 323836	34.23 -0.63 0.00	29.11 -0.68 0.00	26.22 -0.87 0.00	26.58 -1.21 0.00	28.82 -1.05 0.00	30.93 -1.36 0.00	29.83 -1.70 0.00	29.42 -2.12 0.00	29.49 -2.10 0.00	29.93 -1.86 0.00	30.06 -2.16 0.00	29.26 -1.98 0.00	33.96 -1.71 0.00	39.27 -1.66 0.00	41.18 -2.20 0.00	41.00 -1.89 4.88	46.56 -1.42 0.79	48.47 -1.08 0.00	48.81 -0.88 0.00	55.40 -0.90 0.00	55.28 -1.55 0.00	51.65 -2.39 0.00	41.23 -1.57 0.00	34.86 -1.02 0.00
OXBOW___ 24026	34.23 -0.63 0.00	29.11 -0.68 0.00	26.22 -0.87 0.00	26.58 -1.21 0.00	28.81 -1.06 0.00	30.94 -1.36 0.00	29.83 -1.70 0.00	29.43 -2.12 0.00	29.49 -2.10 0.00	29.92 -1.87 0.00	30.06 -2.15 0.00	29.26 -1.99 0.00	33.96 -1.71 0.00	39.28 -1.65 0.00	41.17 -2.20 0.00	40.84 -2.05 4.88	46.55 -1.43 0.79	48.47 -1.08 0.00	48.81 -0.88 0.00	55.41 -0.88 0.00	55.28 -1.55 0.00	51.64 -2.40 0.00	41.24 -1.56 0.00	34.86 -1.02 0.00
OXY_CHEM_DSASP 323612	33.86 -1.00 0.00	28.83 -0.96 0.00	25.97 -1.12 0.00	26.33 -1.46 0.00	28.55 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.43 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.18 0.00	38.75 -2.18 0.00	40.50 -2.87 0.00	40.07 -2.85 4.85	45.76 -2.22 0.78	47.65 -1.90 0.00	47.97 -1.72 0.00	54.45 -1.84 0.00	54.31 -2.52 0.00	50.77 -3.27 0.00	40.56 -2.23 0.00	34.39 -1.49 0.00
OZONE_PARK_ESR 323760	37.11 2.26 0.00	31.78 1.99 0.00	28.87 1.78 0.00	29.46 1.67 0.00	31.56 1.68 0.00	33.73 1.43 0.00	33.16 1.62 0.00	33.51 1.97 0.00	33.76 2.18 0.00	34.11 2.32 0.00	34.80 2.58 0.00	33.85 2.61 0.00	38.79 2.92 -0.20	44.34 3.11 -0.30	46.79 3.30 -0.12	49.69 3.03 1.11	51.23 2.64 0.17	52.13 2.58 0.00	52.20 2.51 0.00	58.46 2.17 0.00	58.53 1.70 0.00	55.99 1.96 0.00	44.85 2.05 0.00	37.81 1.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.86 -1.00 0.00	28.83 -0.96 0.00	25.97 -1.12 0.00	26.33 -1.46 0.00	28.55 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.43 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.18 0.00	38.75 -2.18 0.00	40.50 -2.87 0.00	40.07 -2.85 4.85	45.76 -2.22 0.78	47.65 -1.90 0.00	47.97 -1.72 0.00	54.45 -1.84 0.00	54.31 -2.52 0.00	50.77 -3.27 0.00	40.56 -2.23 0.00	34.39 -1.49 0.00
PACKARD___115KV_DUPONT_184 80571	33.86 -1.00 0.00	28.83 -0.96 0.00	25.97 -1.12 0.00	26.33 -1.46 0.00	28.55 -1.32 0.00	30.62 -1.68 0.00	29.51 -2.03 0.00	29.08 -2.47 0.00	29.16 -2.43 0.00	29.60 -2.19 0.00	29.70 -2.51 0.00	28.88 -2.37 0.00	33.49 -2.18 0.00	38.75 -2.18 0.00	40.50 -2.87 0.00	40.07 -2.85 4.85	45.76 -2.22 0.78	47.65 -1.90 0.00	47.97 -1.72 0.00	54.45 -1.84 0.00	54.31 -2.52 0.00	50.77 -3.27 0.00	40.56 -2.23 0.00	34.39 -1.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.62 1.76 0.00	31.47 1.68 0.00	28.50 1.41 0.00	29.10 1.30 0.00	31.15 1.27 0.00	33.27 0.97 0.00	32.74 1.20 0.00	33.10 1.55 0.00	33.32 1.74 0.00	33.66 1.88 0.00	34.35 2.13 0.00	33.44 2.20 0.00	38.36 2.49 -0.20	43.72 2.49 -0.30	46.19 2.69 -0.12	48.89 2.23 1.11	50.35 1.76 0.17	51.32 1.77 0.00	51.33 1.64 0.00	57.43 1.12 -0.02	57.53 0.69 -0.01	55.03 0.98 -0.01	44.20 1.41 0.00	37.17 1.29 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.68 2.83 0.00	32.40 2.62 0.00	29.35 2.26 0.00	29.97 2.18 0.00	32.12 2.25 0.00	34.35 2.05 0.00	33.80 2.26 0.00	34.16 2.62 0.00	34.34 2.76 0.00	34.65 2.87 0.00	35.31 3.09 0.00	34.39 3.15 0.00	39.45 3.58 -0.20	44.97 3.74 -0.30	47.50 4.01 -0.12	50.23 3.57 1.11	51.75 3.16 0.17	52.76 3.21 0.00	52.81 3.12 0.00	59.12 2.81 -0.02	59.21 2.37 -0.01	56.56 2.52 -0.01	45.48 2.68 0.00	38.20 2.32 0.00
PATROON___115KV_TB1 80586	35.42 0.56 0.00	30.49 0.71 0.00	27.90 0.81 0.00	28.57 0.78 0.00	30.64 0.77 0.00	32.82 0.52 0.00	32.11 0.57 0.00	32.10 0.56 0.00	32.02 0.44 0.00	32.11 0.33 0.00	32.54 0.33 0.00	31.41 0.17 0.00	35.55 0.04 0.16	40.64 -0.04 0.24	43.29 0.02 0.10	46.69 -0.28 0.80	48.24 -0.40 0.12	49.21 -0.34 0.00	49.52 -0.18 0.00	55.99 -0.31 0.00	56.51 -0.32 0.00	53.94 -0.10 0.00	42.73 -0.07 0.00	35.97 0.09 0.00
PATTRSNVILLE___SOLAR 323815	35.94 1.09 0.00	30.75 0.97 0.00	28.02 0.93 0.00	28.69 0.90 0.00	30.81 0.94 0.00	33.14 0.85 0.00	32.35 0.81 0.00	32.17 0.62 0.00	31.93 0.35 0.00	31.99 0.21 0.00	32.39 0.18 0.00	31.43 0.19 0.00	35.76 0.21 0.13	41.03 0.30 0.20	43.63 0.34 0.08	47.18 0.24 0.83	48.87 0.24 0.13	50.02 0.46 0.00	50.58 0.89 0.00	57.77 1.48 0.00	58.52 1.69 0.00	55.71 1.67 0.00	44.07 1.27 0.00	36.97 1.09 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.68 -0.18 0.00	29.46 -0.33 0.00	26.57 -0.52 0.00	26.94 -0.86 0.00	29.16 -0.72 0.00	31.36 -0.93 0.00	30.36 -1.18 0.00	30.06 -1.49 0.00	30.13 -1.45 0.00	30.54 -1.24 0.00	30.75 -1.47 0.00	29.93 -1.32 0.00	34.69 -0.98 0.00	40.11 -0.82 0.00	42.29 -1.09 0.00	42.15 -0.59 5.03	48.08 0.13 0.81	49.82 0.27 0.00	50.19 0.50 0.00	57.06 0.77 0.00	57.00 0.17 0.00	53.23 -0.81 0.00	42.33 -0.47 0.00	35.52 -0.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.58 1.73 0.00	31.33 1.54 0.00	28.49 1.40 0.00	29.11 1.32 0.00	31.19 1.32 0.00	33.36 1.07 0.00	32.76 1.22 0.00	33.00 1.45 0.00	33.18 1.60 0.00	33.49 1.71 0.00	34.15 1.93 0.00	33.21 1.97 0.00	38.06 2.22 -0.17	43.53 2.33 -0.27	46.02 2.53 -0.11	48.98 2.31 1.10	50.69 2.09 0.17	51.72 2.17 0.00	51.88 2.19 0.00	58.28 1.98 0.00	58.45 1.62 0.00	55.78 1.74 0.00	44.40 1.61 0.00	37.36 1.48 0.00
PEEKSKILL___ 23653	36.37 1.51 0.00	31.15 1.36 0.00	28.31 1.22 0.00	28.92 1.12 0.00	30.98 1.11 0.00	33.13 0.83 0.00	32.51 0.97 0.00	32.77 1.23 0.00	32.97 1.38 0.00	33.28 1.49 0.00	33.95 1.73 0.00	33.00 1.75 0.00	37.81 1.95 -0.19	43.23 2.00 -0.30	45.62 2.12 -0.12	48.42 1.77 1.12	50.07 1.48 0.17	51.01 1.46 0.00	51.13 1.44 0.00	57.39 1.09 0.00	57.58 0.75 0.00	55.03 0.99 0.00	43.94 1.14 0.00	37.05 1.17 0.00
PGE MADISON___WINDPWR 24146	37.16 2.30 0.00	31.70 1.92 0.00	28.84 1.75 0.00	29.49 1.69 0.00	31.48 1.61 0.00	33.96 1.67 0.00	33.31 1.77 0.00	34.49 2.95 0.00	34.05 2.46 0.00	33.92 2.14 0.00	34.31 2.09 0.00	33.17 1.93 0.00	38.08 2.42 0.00	43.48 2.52 -0.04	46.21 2.82 -0.02	45.68 3.00 5.10	51.43 3.45 0.79	53.40 3.85 0.00	54.11 4.42 0.00	62.29 6.00 0.00	62.69 5.86 0.00	58.83 4.79 0.00	45.89 3.10 0.00	37.93 2.05 0.00

PIERCEFIELD___HYD 23852	35.49 0.64 0.00	30.23 0.44 0.00	27.31 0.22 0.00	28.23 0.44 0.00	30.50 0.63 0.00	33.24 0.94 0.00	32.35 0.81 0.00	32.26 0.71 0.00	32.35 0.77 0.00	32.60 0.81 0.00	32.85 0.64 0.00	31.75 0.50 0.00	36.31 0.64 0.00	41.77 0.84 0.00	44.28 0.91 0.00	46.75 0.69 1.71	49.02 0.52 0.26	49.90 0.35 0.00	50.04 0.35 0.00	57.40 1.11 0.00	58.63 1.80 0.00	56.12 2.08 0.00	44.38 1.58 0.00	36.80 0.92 0.00
PINELAWN_CC_1 323563	36.99 2.14 0.00	31.62 1.83 0.00	28.61 1.52 0.00	29.21 1.41 0.00	31.26 1.39 0.00	33.44 1.14 0.00	32.69 1.16 0.00	32.99 1.44 0.00	33.22 1.63 0.00	33.70 1.92 0.00	34.91 2.63 -0.06	39.06 2.79 -5.03	43.53 2.74 -5.12	44.88 2.53 -1.42	45.81 2.31 -0.12	47.74 1.16 1.19	33.16 0.56 16.16	48.85 0.59 1.29	50.28 0.60 0.00	32.63 -0.01 23.65	32.64 -0.43 23.76	29.40 -0.05 24.60	26.26 0.64 17.18	31.83 1.05 5.09
PJM_GEN_HTP_PROXY 323702	36.63 1.78 0.00	31.39 1.60 0.00	28.52 1.43 0.00	29.12 1.33 0.00	31.19 1.32 0.00	33.33 1.04 0.00	32.76 1.22 0.00	33.09 1.54 0.00	33.33 1.74 0.00	33.68 1.90 0.00	34.36 2.15 0.00	33.42 2.18 0.00	38.29 2.43 -0.20	43.77 2.54 -0.30	46.18 2.68 -0.12	48.98 2.32 1.11	50.51 1.93 0.17	51.39 1.84 0.00	51.45 1.76 0.00	57.63 1.33 0.00	57.71 0.88 0.00	55.21 1.17 0.00	44.21 1.41 0.00	37.29 1.41 0.00
PJM_GEN_KEystone 24065	35.25 0.39 0.00	30.08 0.29 0.00	27.26 0.17 0.00	27.79 0.00 0.00	29.88 0.01 0.00	32.03 -0.27 0.00	31.27 -0.27 0.00	31.34 -0.21 0.00	31.47 -0.12 0.00	31.78 0.00 0.00	32.28 0.06 0.00	31.37 0.12 0.00	36.08 0.30 -0.10	41.38 0.29 -0.16	43.64 0.20 -0.07	44.84 0.10 3.03	48.42 0.14 0.48	49.69 0.14 0.00	49.92 0.22 0.00	56.34 0.04 0.00	56.56 -0.27 0.00	53.64 -0.40 0.00	42.78 -0.02 0.00	36.04 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.60 1.74 0.00	31.30 1.51 0.00	28.35 1.26 0.00	28.96 1.16 0.00	30.99 1.12 0.00	33.14 0.85 0.00	32.43 0.89 0.00	32.70 1.16 0.00	32.92 1.33 0.00	33.40 1.61 0.00	34.52 2.24 -0.06	38.60 2.32 -5.03	41.44 2.52 -3.26	44.79 2.44 -1.42	45.82 2.33 -0.12	48.04 1.38 1.11	30.41 0.90 19.24	50.46 0.92 0.01	50.54 0.85 0.00	27.48 0.30 29.11	27.53 -0.14 29.16	23.93 0.21 30.32	22.26 0.64 21.17	30.39 0.78 6.28
PJM_GEN_VFT_PROXY 323633	36.55 1.69 0.00	31.30 1.51 0.00	28.42 1.33 0.00	29.01 1.22 0.00	31.08 1.20 0.00	33.21 0.91 0.00	32.64 1.11 0.00	32.99 1.44 0.00	33.24 1.66 0.00	33.59 1.80 0.00	34.27 2.05 0.00	33.32 2.08 0.00	38.18 2.32 -0.20	43.62 2.39 -0.30	46.04 2.54 -0.12	48.83 2.17 1.11	50.35 1.76 0.17	51.22 1.67 0.00	51.27 1.58 0.00	57.35 1.05 0.00	57.42 0.58 0.00	54.95 0.91 0.00	44.07 1.28 0.00	37.17 1.29 0.00
PLATSBURG_115KV_PMLD1 355749	35.94 1.08 0.00	30.67 0.89 0.00	27.67 0.58 0.00	28.38 0.58 0.00	30.61 0.73 0.00	33.37 1.08 0.00	32.63 1.09 0.00	32.72 1.17 0.00	32.79 1.20 0.00	33.06 1.27 0.00	33.34 1.12 0.00	32.21 0.97 0.00	36.60 0.93 0.00	41.95 1.02 0.00	44.21 0.84 0.00	47.91 0.73 0.59	49.51 0.83 0.09	50.39 0.85 0.00	50.22 0.53 0.00	57.31 1.01 0.00	58.11 1.28 0.00	55.32 1.28 0.00	43.66 0.87 0.00	36.57 0.69 0.00
PLEASANTVLY___LBMP 24000	36.03 1.18 0.00	30.90 1.12 0.00	28.15 1.06 0.00	28.79 0.99 0.00	30.83 0.95 0.00	32.97 0.67 0.00	32.34 0.80 0.00	32.53 0.98 0.00	32.66 1.08 0.00	32.92 1.14 0.00	33.54 1.32 0.00	32.56 1.32 0.00	37.32 1.43 -0.22	42.70 1.43 -0.34	45.04 1.53 -0.14	47.89 1.18 1.05	49.50 0.90 0.16	50.44 0.89 0.00	50.60 0.91 0.00	56.88 0.59 0.00	57.15 0.32 0.00	54.63 0.59 0.00	43.53 0.73 0.00	36.72 0.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.30 1.45 0.00	31.12 1.33 0.00	28.31 1.22 0.00	28.94 1.14 0.00	30.99 1.12 0.00	33.16 0.87 0.00	32.53 0.99 0.00	32.77 1.22 0.00	32.93 1.35 0.00	33.24 1.45 0.00	33.88 1.67 0.00	32.92 1.68 0.00	37.73 1.86 -0.20	43.15 1.91 -0.31	45.54 2.04 -0.13	48.38 1.70 1.09	50.01 1.42 0.17	50.97 1.42 0.00	51.09 1.40 0.00	57.38 1.08 0.00	57.58 0.75 0.00	55.02 0.98 0.00	43.88 1.09 0.00	37.00 1.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.30 1.45 0.00	31.12 1.33 0.00	28.31 1.22 0.00	28.94 1.14 0.00	30.99 1.12 0.00	33.16 0.87 0.00	32.53 0.99 0.00	32.77 1.22 0.00	32.93 1.35 0.00	33.24 1.45 0.00	33.88 1.67 0.00	32.92 1.68 0.00	37.73 1.86 -0.20	43.15 1.91 -0.31	45.54 2.04 -0.13	48.38 1.70 1.09	50.01 1.42 0.17	50.97 1.42 0.00	51.09 1.40 0.00	57.38 1.08 0.00	57.58 0.75 0.00	55.02 0.98 0.00	43.88 1.09 0.00	37.00 1.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.36 1.51 0.00	31.15 1.36 0.00	28.37 1.28 0.00	29.01 1.22 0.00	31.06 1.19 0.00	33.23 0.93 0.00	32.61 1.07 0.00	32.83 1.29 0.00	32.98 1.39 0.00	33.24 1.46 0.00	33.84 1.63 0.00	32.89 1.65 0.00	37.50 1.84 0.00	42.84 1.91 0.00	45.48 2.10 0.00	48.54 1.85 1.08	50.31 1.72 0.17	51.36 1.81 0.00	51.56 1.87 0.00	57.98 1.68 0.00	58.18 1.34 0.00	55.53 1.49 0.00	44.17 1.37 0.00	37.17 1.29 0.00
POLETTI____ 23519	36.61 1.76 0.00	31.40 1.61 0.00	28.52 1.43 0.00	29.12 1.32 0.00	31.19 1.32 0.00	33.32 1.02 0.00	32.75 1.21 0.00	33.08 1.54 0.00	33.34 1.75 0.00	33.69 1.91 0.00	34.36 2.14 0.00	33.43 2.19 0.00	38.29 2.42 -0.20	43.74 2.51 -0.30	46.17 2.67 -0.12	48.97 2.32 1.11	50.48 1.89 0.17	51.35 1.80 0.00	51.41 1.71 0.00	57.56 1.26 0.00	57.63 0.80 0.00	55.13 1.09 0.00	44.17 1.38 0.00	37.28 1.40 0.00
POMONA___ESR 323819	36.39 1.54 0.00	31.14 1.36 0.00	28.29 1.20 0.00	28.90 1.10 0.00	30.95 1.08 0.00	33.11 0.81 0.00	32.48 0.95 0.00	32.76 1.21 0.00	32.96 1.38 0.00	33.36 1.57 0.00	34.04 1.82 0.00	33.10 1.86 0.00	37.93 2.08 -0.18	43.37 2.16 -0.28	45.79 2.30 -0.12	48.64 2.01 1.15	50.34 1.76 0.18	51.30 1.75 0.00	51.41 1.72 0.00	57.67 1.37 0.00	57.85 1.02 0.00	55.27 1.23 0.00	44.09 1.30 0.00	37.17 1.29 0.00
PORT_JEFF_3 23555	36.87 2.02 0.00	31.56 1.77 0.00	28.53 1.44 0.00	29.13 1.34 0.00	31.15 1.28 0.00	33.33 1.03 0.00	32.54 1.00 0.00	32.84 1.30 0.00	33.07 1.48 0.00	33.63 1.85 0.00	34.95 2.67 -0.06	39.11 2.84 -5.03	42.65 2.99 -3.99	45.24 2.89 -1.42	46.14 2.64 -0.12	47.97 1.49 1.28	31.15 0.92 18.53	48.63 0.79 1.71	50.44 0.75 0.00	29.58 0.19 26.90	29.70 -0.16 26.98	26.33 0.29 28.00	24.06 0.82 19.56	30.89 0.81 5.80
PORT_JEFF_4 23616	36.87 2.02 0.00	31.56 1.77 0.00	28.53 1.44 0.00	29.13 1.34 0.00	31.15 1.28 0.00	33.33 1.03 0.00	32.54 1.00 0.00	32.84 1.30 0.00	33.07 1.48 0.00	33.63 1.85 0.00	34.95 2.67 -0.06	39.11 2.84 -5.03	42.65 2.99 -3.99	45.24 2.89 -1.42	46.14 2.64 -0.12	47.97 1.49 1.28	31.15 0.92 18.53	48.63 0.79 1.71	50.44 0.75 0.00	29.58 0.19 26.90	29.70 -0.16 26.98	26.33 0.29 28.00	24.06 0.82 19.56	30.89 0.81 5.80

PORT_JEFF_IC 23713	36.91 2.06 0.00	31.59 1.80 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.18 1.30 0.00	33.35 1.05 0.00	32.57 1.03 0.00	32.87 1.32 0.00	33.10 1.52 0.00	33.68 1.89 0.00	35.01 2.73 -0.06	39.19 2.91 -5.03	42.76 3.08 -4.02	45.35 3.01 -1.42	46.25 2.76 -0.12	48.11 1.68 1.33	31.20 1.11 18.67	48.19 0.83 2.20	50.47 0.78 0.00	29.73 0.23 26.79	29.93 -0.03 26.87	26.66 0.51 27.89	24.24 0.93 19.48	30.98 0.87 5.78
PPL PILGRIM_ST_GT1 24216	37.13 2.28 0.00	31.77 1.98 0.00	28.72 1.63 0.00	29.33 1.54 0.00	31.39 1.51 0.00	33.57 1.28 0.00	32.79 1.25 0.00	33.07 1.53 0.00	33.29 1.70 0.00	33.84 2.05 0.00	35.15 2.87 -0.06	39.28 3.01 -5.03	43.07 3.24 -4.17	45.55 3.21 -1.42	46.45 2.95 -0.12	48.23 1.78 1.32	31.60 1.18 18.34	48.67 1.22 2.10	50.92 1.24 0.00	30.63 0.70 26.37	30.70 0.31 26.44	27.36 0.76 27.44	24.64 1.01 19.17	31.26 1.06 5.68
PPL PILGRIM_ST_GT2 24217	37.13 2.28 0.00	31.77 1.98 0.00	28.72 1.63 0.00	29.33 1.54 0.00	31.39 1.51 0.00	33.57 1.28 0.00	32.79 1.25 0.00	33.07 1.53 0.00	33.29 1.70 0.00	33.84 2.05 0.00	35.15 2.87 -0.06	39.28 3.01 -5.03	43.07 3.24 -4.17	45.55 3.21 -1.42	46.45 2.95 -0.12	48.23 1.78 1.32	31.60 1.18 18.34	48.67 1.22 2.10	50.92 1.24 0.00	30.63 0.70 26.37	30.70 0.31 26.44	27.36 0.76 27.44	24.64 1.01 19.17	31.26 1.06 5.68
PPL_SHRM_GT3 24213	36.62 1.77 0.00	31.35 1.56 0.00	28.33 1.24 0.00	28.92 1.12 0.00	30.92 1.05 0.00	33.08 0.78 0.00	32.30 0.76 0.00	32.61 1.06 0.00	32.84 1.25 0.00	33.40 1.61 0.00	34.72 2.44 -0.06	38.91 2.63 -5.03	42.29 2.62 -4.00	44.82 2.47 -1.42	45.66 2.17 -0.12	47.48 1.01 1.29	30.91 0.69 18.54	48.71 0.97 1.81	50.67 0.98 0.00	29.90 0.46 26.85	29.93 0.03 26.93	26.38 0.30 27.95	23.95 0.68 19.52	30.70 0.60 5.79
PPL_SHRM_GT4 24214	36.62 1.77 0.00	31.35 1.56 0.00	28.33 1.24 0.00	28.92 1.12 0.00	30.92 1.05 0.00	33.08 0.78 0.00	32.30 0.76 0.00	32.61 1.06 0.00	32.84 1.25 0.00	33.40 1.61 0.00	34.72 2.44 -0.06	38.91 2.63 -5.03	42.29 2.62 -4.00	44.82 2.47 -1.42	45.66 2.17 -0.12	47.48 1.01 1.29	30.91 0.69 18.54	48.71 0.97 1.81	50.67 0.98 0.00	29.90 0.46 26.85	29.93 0.03 26.93	26.38 0.30 27.95	23.95 0.68 19.52	30.70 0.60 5.79
PROJECT___ORANGE 1 24174	34.54 -0.31 0.00	29.48 -0.30 0.00	26.82 -0.27 0.00	27.44 -0.35 0.00	29.50 -0.38 0.00	31.80 -0.49 0.00	31.06 -0.48 0.00	31.04 -0.51 0.00	31.00 -0.58 0.00	31.20 -0.59 0.00	31.65 -0.56 0.00	30.75 -0.49 0.00	35.19 -0.48 0.00	40.47 -0.46 0.00	42.97 -0.40 0.00	36.68 -0.91 10.18	46.41 -0.78 1.57	48.97 -0.58 0.00	49.39 -0.30 0.00	56.40 0.11 0.00	56.96 0.13 0.00	53.98 -0.06 0.00	42.68 -0.11 0.00	35.72 -0.16 0.00
PROJECT___ORANGE 2 24166	34.54 -0.31 0.00	29.48 -0.30 0.00	26.82 -0.27 0.00	27.44 -0.35 0.00	29.50 -0.38 0.00	31.80 -0.49 0.00	31.06 -0.48 0.00	31.04 -0.51 0.00	31.00 -0.58 0.00	31.20 -0.59 0.00	31.65 -0.56 0.00	30.75 -0.49 0.00	35.19 -0.48 0.00	40.47 -0.46 0.00	42.97 -0.40 0.00	36.68 -0.91 10.18	46.41 -0.78 1.57	48.97 -0.58 0.00	49.39 -0.30 0.00	56.40 0.11 0.00	56.96 0.13 0.00	53.98 -0.06 0.00	42.68 -0.11 0.00	35.72 -0.16 0.00
PUCKETT___SOLAR 323809	35.42 0.57 0.00	30.26 0.47 0.00	27.54 0.45 0.00	28.13 0.34 0.00	30.12 0.25 0.00	32.48 0.18 0.00	31.70 0.16 0.00	31.52 -0.02 0.00	31.38 -0.21 0.00	31.48 -0.30 0.00	31.96 -0.26 0.00	31.06 -0.18 0.00	35.59 -0.08 0.00	40.86 -0.06 0.00	42.98 -0.39 0.00	40.97 -0.48 6.32	47.53 -0.25 0.98	49.51 -0.05 0.00	50.04 0.35 0.00	57.04 0.75 0.00	57.58 0.75 0.00	54.45 0.41 0.00	43.10 0.31 0.00	36.10 0.22 0.00
PYRITES___HYD 24023	36.01 1.15 0.00	30.66 0.87 0.00	27.69 0.60 0.00	28.64 0.85 0.00	30.96 1.09 0.00	33.76 1.46 0.00	32.90 1.36 0.00	32.69 1.15 0.00	32.59 1.01 0.00	32.75 0.97 0.00	33.00 0.78 0.00	31.87 0.63 0.00	36.50 0.83 0.00	41.99 1.06 0.00	44.51 1.14 0.00	47.19 1.01 1.59	49.40 0.88 0.24	50.22 0.67 0.00	50.48 0.79 0.00	58.32 2.02 0.00	59.92 3.09 0.00	57.26 3.22 0.00	45.21 2.41 0.00	37.52 1.64 0.00
QUAKERRD_115KV_BK1 80622	34.09 -0.77 0.00	29.04 -0.75 0.00	26.29 -0.80 0.00	26.83 -0.96 0.00	28.93 -0.94 0.00	31.18 -1.12 0.00	30.36 -1.18 0.00	30.23 -1.32 0.00	30.23 -1.36 0.00	30.52 -1.27 0.00	30.86 -1.35 0.00	30.00 -1.25 0.00	34.44 -1.23 0.00	39.83 -1.10 0.00	42.23 -1.14 0.00	41.79 -1.34 4.64	47.07 -0.90 0.78	48.98 -0.57 0.00	49.40 -0.29 0.00	56.36 0.06 0.00	56.59 -0.24 0.00	53.30 -0.74 0.00	42.17 -0.63 0.00	35.28 -0.60 0.00
QUENSBRY_115KV_TB8 356137	36.64 1.79 0.00	31.36 1.57 0.00	28.58 1.49 0.00	29.24 1.45 0.00	31.38 1.51 0.00	33.69 1.40 0.00	33.02 1.49 0.00	32.95 1.40 0.00	32.69 1.11 0.00	32.60 0.82 0.00	32.77 0.55 0.00	31.84 0.60 0.00	35.98 0.48 0.17	41.25 0.59 0.26	43.99 0.72 0.11	47.70 0.70 0.78	49.56 0.92 0.12	50.97 1.42 0.00	51.83 2.14 0.00	59.19 2.90 0.00	59.92 3.09 0.00	57.02 2.98 0.00	44.74 1.95 0.00	37.83 1.95 0.00
RAMAPO___LBMP 323565	36.23 1.37 0.00	31.00 1.21 0.00	28.16 1.07 0.00	28.76 0.97 0.00	30.82 0.95 0.00	32.98 0.68 0.00	32.35 0.81 0.00	32.62 1.07 0.00	32.80 1.21 0.00	33.10 1.31 0.00	33.76 1.54 0.00	32.80 1.56 0.00	37.57 1.73 -0.18	42.96 1.75 -0.28	45.35 1.87 -0.11	48.16 1.54 1.15	49.83 1.25 0.18	50.81 1.26 0.00	50.93 1.24 0.00	57.17 0.87 0.00	57.41 0.57 0.00	54.86 0.82 0.00	43.77 0.98 0.00	36.91 1.03 0.00
RANKINE____ 23646	34.74 -0.11 0.00	29.52 -0.26 0.00	26.61 -0.48 0.00	26.96 -0.83 0.00	29.20 -0.67 0.00	31.41 -0.89 0.00	30.37 -1.17 0.00	30.03 -1.52 0.00	30.07 -1.51 0.00	30.49 -1.30 0.00	30.67 -1.55 0.00	29.85 -1.40 0.00	34.61 -1.06 0.00	40.02 -0.91 0.00	42.16 -1.21 0.00	41.96 -0.81 5.00	47.86 -0.10 0.80	49.69 0.13 0.00	50.07 0.37 0.00	56.93 0.64 0.00	56.91 0.08 0.00	53.13 -0.90 0.00	42.28 -0.52 0.00	35.48 -0.40 0.00
RAVENSWOOD_GT2_1 24244	36.66 1.81 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.36 1.06 0.00	32.78 1.25 0.00	33.11 1.56 0.00	33.35 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.36 1.11	50.54 1.95 0.17	51.42 1.87 0.00	51.48 1.78 0.00	57.66 1.37 0.00	57.74 0.91 0.00	55.23 1.19 0.00	44.25 1.45 0.00	37.32 1.44 0.00
RAVENSWOOD_GT2_2 24245	36.66 1.81 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.36 1.06 0.00	32.78 1.25 0.00	33.11 1.56 0.00	33.35 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.36 1.11	50.54 1.95 0.17	51.42 1.87 0.00	51.48 1.78 0.00	57.66 1.37 0.00	57.74 0.91 0.00	55.23 1.19 0.00	44.25 1.45 0.00	37.32 1.44 0.00

RAVENSWOOD_GT2_3 24246	36.69 1.83 0.00	31.44 1.65 0.00	28.55 1.47 0.00	29.15 1.36 0.00	31.23 1.35 0.00	33.38 1.08 0.00	32.80 1.26 0.00	33.13 1.59 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.41 2.19 0.00	33.47 2.23 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.04 2.38 1.11	50.57 1.98 0.17	51.45 1.90 0.00	51.51 1.82 0.00	57.69 1.40 0.00	57.79 0.96 0.00	55.27 1.23 0.00	44.27 1.47 0.00	37.34 1.46 0.00
RAVENSWOOD_GT2_4 24247	36.69 1.83 0.00	31.44 1.65 0.00	28.55 1.47 0.00	29.15 1.36 0.00	31.23 1.35 0.00	33.38 1.08 0.00	32.80 1.26 0.00	33.13 1.59 0.00	33.38 1.79 0.00	33.72 1.94 0.00	34.41 2.19 0.00	33.47 2.23 0.00	38.34 2.48 -0.20	43.82 2.59 -0.30	46.23 2.74 -0.12	49.04 2.38 1.11	50.57 1.98 0.17	51.45 1.90 0.00	51.51 1.82 0.00	57.69 1.40 0.00	57.79 0.96 0.00	55.27 1.23 0.00	44.27 1.47 0.00	37.34 1.46 0.00
RAVENSWOOD_GT3_1 24248	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.36 1.06 0.00	32.79 1.25 0.00	33.11 1.56 0.00	33.36 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.36 1.11	50.54 1.96 0.17	51.42 1.87 0.00	51.48 1.78 0.00	57.66 1.37 0.00	57.74 0.91 0.00	55.23 1.19 0.00	44.25 1.45 0.00	37.32 1.44 0.00
RAVENSWOOD_GT3_2 24249	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.36 1.06 0.00	32.79 1.25 0.00	33.11 1.56 0.00	33.36 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.36 1.11	50.54 1.96 0.17	51.42 1.87 0.00	51.48 1.78 0.00	57.66 1.37 0.00	57.74 0.91 0.00	55.23 1.19 0.00	44.25 1.45 0.00	37.32 1.44 0.00
RAVENSWOOD_GT3_3 24250	36.73 1.87 0.00	31.48 1.69 0.00	28.60 1.51 0.00	29.19 1.40 0.00	31.27 1.40 0.00	33.42 1.12 0.00	32.85 1.31 0.00	33.17 1.63 0.00	33.42 1.84 0.00	33.77 1.99 0.00	34.45 2.24 0.00	33.51 2.27 0.00	38.40 2.53 -0.20	43.87 2.64 -0.30	46.31 2.81 -0.12	49.13 2.47 1.11	50.65 2.07 0.17	51.55 1.99 0.00	51.59 1.90 0.00	57.79 1.49 0.00	57.87 1.04 0.00	55.35 1.31 0.00	44.33 1.54 0.00	37.39 1.51 0.00
RAVENSWOOD_GT3_4 24251	36.73 1.87 0.00	31.48 1.69 0.00	28.60 1.51 0.00	29.19 1.40 0.00	31.27 1.40 0.00	33.42 1.12 0.00	32.85 1.31 0.00	33.17 1.63 0.00	33.42 1.84 0.00	33.77 1.99 0.00	34.45 2.24 0.00	33.51 2.27 0.00	38.40 2.53 -0.20	43.87 2.64 -0.30	46.31 2.81 -0.12	49.13 2.47 1.11	50.65 2.07 0.17	51.55 1.99 0.00	51.59 1.90 0.00	57.79 1.49 0.00	57.87 1.04 0.00	55.35 1.31 0.00	44.33 1.54 0.00	37.39 1.51 0.00
RAVENSWOOD_GT_1 23729	36.68 1.82 0.00	31.49 1.71 0.00	28.56 1.47 0.00	29.16 1.37 0.00	31.23 1.35 0.00	33.35 1.05 0.00	32.81 1.28 0.00	33.18 1.63 0.00	33.45 1.87 0.00	33.80 2.01 0.00	34.49 2.27 0.00	33.55 2.31 0.00	38.45 2.59 -0.20	43.88 2.65 -0.30	46.33 2.83 -0.12	49.07 2.42 1.11	50.46 1.87 0.17	51.27 1.72 0.00	51.27 1.57 0.00	57.36 1.06 0.00	55.94 0.62 1.51	50.38 0.93 4.59	44.18 1.39 0.00	37.27 1.39 0.00
RAVENSWOOD_GT_10 24258	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.56 0.00	33.35 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.45 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.37 1.11	50.55 1.96 0.17	51.43 1.88 0.00	51.49 1.79 0.00	57.67 1.38 0.00	57.76 0.93 0.00	55.25 1.21 0.00	44.25 1.46 0.00	37.33 1.45 0.00
RAVENSWOOD_GT_11 24259	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.56 0.00	33.35 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.45 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.37 1.11	50.55 1.96 0.17	51.43 1.88 0.00	51.49 1.79 0.00	57.67 1.38 0.00	57.76 0.93 0.00	55.25 1.21 0.00	44.25 1.46 0.00	37.33 1.45 0.00
RAVENSWOOD_GT_4 24252	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.57 0.00	33.36 1.77 0.00	33.71 1.92 0.00	34.39 2.17 0.00	33.45 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.72 -0.12	49.03 2.37 1.11	50.54 1.96 0.17	51.42 1.87 0.00	51.48 1.79 0.00	57.66 1.37 0.00	57.75 0.92 0.00	55.24 1.20 0.00	44.25 1.46 0.00	37.32 1.44 0.00
RAVENSWOOD_GT_5 24254	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.57 0.00	33.36 1.77 0.00	33.71 1.92 0.00	34.39 2.17 0.00	33.45 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.72 -0.12	49.03 2.37 1.11	50.54 1.96 0.17	51.42 1.87 0.00	51.48 1.79 0.00	57.66 1.37 0.00	57.75 0.92 0.00	55.24 1.20 0.00	44.25 1.46 0.00	37.32 1.44 0.00
RAVENSWOOD_GT_6 24253	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.57 0.00	33.36 1.77 0.00	33.71 1.92 0.00	34.39 2.17 0.00	33.45 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.72 -0.12	49.03 2.37 1.11	50.54 1.96 0.17	51.42 1.87 0.00	51.48 1.79 0.00	57.66 1.37 0.00	57.75 0.92 0.00	55.24 1.20 0.00	44.25 1.46 0.00	37.32 1.44 0.00
RAVENSWOOD_GT_7 24255	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.57 0.00	33.36 1.77 0.00	33.71 1.92 0.00	34.39 2.17 0.00	33.45 2.20 0.00	38.32 2.46 -0.20	43.78 2.55 -0.30	46.21 2.72 -0.12	49.03 2.37 1.11	50.54 1.96 0.17	51.42 1.87 0.00	51.48 1.79 0.00	57.66 1.37 0.00	57.75 0.92 0.00	55.24 1.20 0.00	44.25 1.46 0.00	37.32 1.44 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.56 0.00	33.35 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.45 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.37 1.11	50.55 1.96 0.17	51.43 1.88 0.00	51.49 1.79 0.00	57.67 1.38 0.00	57.76 0.93 0.00	55.25 1.21 0.00	44.25 1.46 0.00	37.33 1.45 0.00
RAVENSWOOD_GT_9 24257	36.67 1.82 0.00	31.42 1.64 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.25 0.00	33.11 1.56 0.00	33.35 1.77 0.00	33.71 1.92 0.00	34.38 2.16 0.00	33.44 2.20 0.00	38.32 2.45 -0.20	43.78 2.55 -0.30	46.21 2.71 -0.12	49.02 2.37 1.11	50.55 1.96 0.17	51.43 1.88 0.00	51.49 1.79 0.00	57.67 1.38 0.00	57.76 0.93 0.00	55.25 1.21 0.00	44.25 1.46 0.00	37.33 1.45 0.00

RAVENSWOOD___1 23533	36.59 1.73 0.00	31.43 1.64 0.00	28.50 1.41 0.00	29.09 1.30 0.00	31.17 1.29 0.00	33.26 0.96 0.00	32.74 1.20 0.00	33.11 1.56 0.00	33.38 1.80 0.00	33.73 1.94 0.00	34.41 2.19 0.00	33.48 2.24 0.00	38.38 2.52 -0.20	43.80 2.57 -0.30	46.24 2.74 -0.12	48.92 2.27 1.11	50.31 1.72 0.17	51.11 1.57 0.00	51.10 1.41 0.00	57.13 0.84 0.01	54.94 0.41 2.30	47.75 0.70 6.99	44.05 1.26 0.00	37.15 1.27 0.00
RAVENSWOOD___2 23534	36.55 1.69 0.00	31.39 1.61 0.00	28.47 1.37 0.00	29.06 1.27 0.00	31.12 1.25 0.00	33.22 0.92 0.00	32.71 1.16 0.00	33.07 1.52 0.00	33.35 1.76 0.00	33.68 1.90 0.00	34.36 2.15 0.00	33.44 2.19 0.00	38.33 2.47 -0.20	43.75 2.52 -0.30	46.17 2.67 -0.12	48.77 2.11 1.11	50.07 1.48 0.17	50.83 1.28 0.00	50.80 1.12 0.00	56.73 0.45 0.01	54.91 -0.01 1.91	48.55 0.33 5.82	43.81 1.01 0.00	36.99 1.11 0.00
RAVENSWOOD___3 23535	36.67 1.81 0.00	31.42 1.63 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.22 1.35 0.00	33.37 1.07 0.00	32.79 1.26 0.00	33.11 1.57 0.00	33.36 1.77 0.00	33.71 1.92 0.00	34.39 2.17 0.00	33.45 2.20 0.00	38.32 2.46 -0.20	43.79 2.56 -0.30	46.21 2.72 -0.12	49.02 2.36 1.11	50.55 1.96 0.17	51.42 1.87 0.00	51.48 1.79 0.00	57.67 1.37 0.00	57.75 0.92 0.00	55.22 1.19 0.00	44.25 1.45 0.00	37.32 1.44 0.00
RAVENSWOOD___4 23820	36.59 1.73 0.00	31.43 1.64 0.00	28.50 1.41 0.00	29.09 1.30 0.00	31.17 1.29 0.00	33.26 0.96 0.00	32.74 1.20 0.00	33.11 1.56 0.00	33.38 1.80 0.00	33.73 1.94 0.00	34.41 2.19 0.00	33.48 2.24 0.00	38.38 2.52 -0.20	43.80 2.57 -0.30	46.24 2.74 -0.12	48.92 2.27 1.11	50.31 1.72 0.17	51.11 1.57 0.00	51.10 1.41 0.00	57.13 0.84 0.01	54.94 0.41 2.30	47.75 0.70 6.99	44.05 1.26 0.00	37.15 1.27 0.00
RCPL_TRUST___DRP 24196	36.68 1.83 0.00	31.43 1.64 0.00	28.55 1.46 0.00	29.15 1.36 0.00	31.22 1.35 0.00	33.38 1.08 0.00	32.81 1.27 0.00	33.14 1.59 0.00	33.38 1.80 0.00	33.74 1.96 0.00	34.43 2.21 0.00	33.48 2.24 0.00	38.37 2.51 -0.20	43.85 2.62 -0.30	46.27 2.77 -0.12	49.08 2.43 1.11	50.60 2.01 0.17	51.46 1.91 0.00	51.51 1.82 0.00	57.70 1.41 0.00	57.79 0.96 0.00	55.26 1.22 0.00	44.25 1.46 0.00	37.34 1.46 0.00
RED___ROCHESTER 323720	35.15 0.30 0.00	29.91 0.12 0.00	27.05 -0.04 0.00	27.57 -0.22 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.20 -0.34 0.00	31.03 -0.51 0.00	31.05 -0.53 0.00	31.39 -0.39 0.00	31.73 -0.48 0.00	30.88 -0.36 0.00	35.54 -0.13 0.00	41.17 0.24 0.00	43.65 0.28 0.00	43.55 0.42 4.64	48.91 0.90 0.76	50.86 1.31 0.00	51.34 1.65 0.00	58.52 2.23 0.00	58.69 1.86 0.00	55.16 1.12 0.00	43.60 0.81 0.00	36.45 0.57 0.00
REGAN___SOLAR 323812	36.88 2.02 0.00	31.44 1.65 0.00	28.58 1.49 0.00	29.26 1.47 0.00	31.47 1.59 0.00	33.95 1.65 0.00	33.09 1.55 0.00	32.47 0.92 0.00	31.74 0.15 0.00	31.65 -0.13 0.00	31.99 -0.22 0.00	31.04 -0.21 0.00	35.34 -0.21 0.12	40.65 -0.09 0.18	43.39 0.09 0.07	47.00 0.23 1.00	48.78 0.17 0.15	50.29 0.74 0.00	51.43 1.74 0.00	59.86 3.57 0.00	61.08 4.25 0.00	57.99 3.96 0.00	45.75 2.96 0.00	38.20 2.32 0.00
RENSSELAER___COGEN 23796	35.16 0.31 0.00	30.31 0.52 0.00	27.76 0.67 0.00	28.44 0.64 0.00	30.49 0.62 0.00	32.66 0.36 0.00	31.93 0.39 0.00	31.92 0.38 0.00	31.81 0.23 0.00	31.89 0.11 0.00	32.30 0.09 0.00	31.16 -0.08 0.00	35.21 -0.30 0.15	40.25 -0.44 0.24	42.84 -0.44 0.10	46.15 -0.81 0.81	47.64 -1.00 0.13	48.59 -0.96 0.00	48.86 -0.83 0.00	55.25 -1.05 0.00	55.82 -1.02 0.00	53.31 -0.73 0.00	42.25 -0.54 0.00	35.59 -0.29 0.00
REPUBLIC_115KV_BARTNBK 55605	38.53 3.68 0.00	32.93 3.14 0.00	30.01 2.92 0.00	30.68 2.88 0.00	32.93 3.06 0.00	35.18 2.89 0.00	34.73 3.19 0.00	34.47 2.93 0.00	33.96 2.38 0.00	33.71 1.93 0.00	33.81 1.59 0.00	32.91 1.67 0.00	37.25 1.75 0.17	42.81 2.15 0.27	45.52 2.26 0.11	49.43 2.43 0.78	51.58 2.94 0.12	53.33 3.78 0.00	53.99 4.30 0.00	62.48 6.18 0.00	63.50 6.67 0.00	60.54 6.50 0.00	47.31 4.52 0.00	40.25 4.37 0.00
REVERE_CPPR_DRP 24186	36.30 1.45 0.00	31.01 1.22 0.00	28.20 1.11 0.00	28.89 1.09 0.00	31.05 1.18 0.00	33.61 1.31 0.00	32.78 1.24 0.00	32.64 1.09 0.00	32.44 0.85 0.00	32.53 0.75 0.00	32.90 0.68 0.00	31.87 0.62 0.00	36.45 0.78 0.00	41.92 0.99 0.00	44.60 1.23 0.00	44.39 1.19 4.57	49.51 1.45 0.71	51.40 1.85 0.00	52.02 2.32 0.00	59.73 3.43 0.00	60.52 3.68 0.00	57.42 3.38 0.00	45.19 2.40 0.00	37.43 1.55 0.00
REYNLDPA_13_KV_LD 356490	35.09 0.23 0.00	29.92 0.13 0.00	27.05 -0.04 0.00	27.95 0.16 0.00	30.18 0.30 0.00	32.87 0.57 0.00	31.97 0.43 0.00	31.92 0.37 0.00	32.14 0.55 0.00	32.45 0.67 0.00	32.75 0.53 0.00	31.69 0.45 0.00	36.23 0.57 0.00	41.68 0.75 0.00	44.16 0.78 0.00	48.01 0.84 0.60	49.59 0.92 0.09	50.32 0.77 0.00	50.33 0.64 0.00	57.30 1.00 0.00	58.05 1.22 0.00	55.07 1.03 0.00	43.55 0.76 0.00	36.38 0.50 0.00
REYNOLDS_115KV_TB3 80639	35.40 0.55 0.00	30.52 0.73 0.00	27.92 0.83 0.00	28.59 0.80 0.00	30.65 0.78 0.00	32.82 0.52 0.00	32.08 0.55 0.00	32.07 0.53 0.00	31.99 0.40 0.00	32.08 0.30 0.00	32.52 0.31 0.00	31.44 0.20 0.00	35.52 0.04 0.18	40.59 -0.04 0.29	43.22 -0.04 0.12	46.57 -0.40 0.81	48.04 -0.60 0.12	49.00 -0.55 0.00	49.28 -0.41 0.00	55.70 -0.59 0.00	56.27 -0.56 0.00	53.79 -0.25 0.00	42.62 -0.17 0.00	35.96 0.08 0.00
RIVERBAY____ 323610	37.68 2.83 0.00	32.40 2.62 0.00	29.35 2.26 0.00	29.97 2.18 0.00	32.12 2.25 0.00	34.35 2.05 0.00	33.80 2.26 0.00	34.16 2.62 0.00	34.34 2.76 0.00	34.65 2.87 0.00	35.31 3.09 0.00	34.39 3.15 0.00	39.45 3.58 -0.20	44.97 3.74 -0.30	47.50 4.01 -0.12	50.23 3.57 1.11	51.75 3.16 0.17	52.76 3.21 0.00	52.81 3.12 0.00	59.12 2.81 -0.02	59.21 2.37 -0.01	56.56 2.52 -0.01	45.48 2.68 0.00	38.20 2.32 0.00
RIVERSDE_115KV_TB3 55908	35.34 0.49 0.00	30.46 0.67 0.00	27.87 0.78 0.00	28.55 0.75 0.00	30.60 0.73 0.00	32.78 0.48 0.00	32.05 0.51 0.00	32.04 0.50 0.00	31.96 0.38 0.00	32.05 0.27 0.00	32.49 0.27 0.00	31.36 0.12 0.00	35.46 -0.04 0.17	40.53 -0.13 0.26	43.16 -0.11 0.11	46.51 -0.45 0.80	48.00 -0.63 0.12	48.98 -0.58 0.00	49.25 -0.44 0.00	55.67 -0.62 0.00	56.22 -0.60 0.00	53.72 -0.32 0.00	42.55 -0.24 0.00	35.87 -0.01 0.00
ROARING___BROOK_WT_PWR 323790	34.84 -0.01 0.00	29.78 -0.01 0.00	27.04 -0.05 0.00	27.80 0.01 0.00	29.90 0.03 0.00	32.36 0.07 0.00	31.57 0.03 0.00	31.55 0.01 0.00	31.64 0.05 0.00	31.85 0.07 0.00	32.25 0.04 0.00	31.22 -0.02 0.00	35.63 -0.04 0.00	40.89 -0.04 0.00	43.34 -0.03 0.00	47.17 -0.11 0.49	48.62 -0.07 0.07	49.47 -0.08 0.00	49.60 -0.09 0.00	56.36 0.06 0.00	56.96 0.12 0.00	54.08 0.04 0.00	42.63 -0.16 0.00	35.50 -0.38 0.00

ROCHESRG_115KV_T4 355643	34.81 -0.04 0.00	29.64 -0.14 0.00	26.83 -0.26 0.00	27.34 -0.45 0.00	29.51 -0.37 0.00	31.79 -0.51 0.00	30.91 -0.63 0.00	30.75 -0.80 0.00	30.75 -0.84 0.00	31.07 -0.72 0.00	31.39 -0.82 0.00	30.52 -0.72 0.00	35.12 -0.55 0.00	40.63 -0.30 0.00	43.02 -0.35 0.00	42.78 -0.38 4.61	48.10 0.09 0.75	50.00 0.45 0.00	50.44 0.75 0.00	57.51 1.22 0.00	57.72 0.88 0.00	54.30 0.26 0.00	42.98 0.19 0.00	35.97 0.09 0.00
ROCHESTER_9_IC 23652	34.96 0.11 0.00	29.76 -0.03 0.00	26.93 -0.16 0.00	27.45 -0.35 0.00	29.62 -0.25 0.00	31.91 -0.39 0.00	31.04 -0.50 0.00	30.88 -0.67 0.00	30.89 -0.70 0.00	31.22 -0.57 0.00	31.55 -0.66 0.00	30.69 -0.55 0.00	35.30 -0.36 0.00	40.87 -0.06 0.00	43.31 -0.07 0.00	43.08 -0.06 4.64	48.46 0.45 0.76	50.38 0.83 0.00	50.82 1.13 0.00	57.95 1.65 0.00	58.13 1.30 0.00	54.67 0.63 0.00	43.25 0.45 0.00	36.18 0.30 0.00
ROCKVIEW_13_KV_LD 356306	36.72 1.86 0.00	31.45 1.67 0.00	28.58 1.49 0.00	29.18 1.39 0.00	31.25 1.38 0.00	33.42 1.12 0.00	32.82 1.29 0.00	33.11 1.57 0.00	33.33 1.75 0.00	33.67 1.89 0.00	34.36 2.15 0.00	33.41 2.17 0.00	38.29 2.43 -0.20	43.78 2.55 -0.30	46.18 2.68 -0.12	49.02 2.36 1.11	50.61 2.02 0.17	51.53 1.98 0.00	51.63 1.93 0.00	57.88 1.58 0.00	58.03 1.20 0.00	55.47 1.44 0.00	44.35 1.56 0.00	37.40 1.51 0.00
ROME____115KV_TB2 80656	36.30 1.45 0.00	31.01 1.22 0.00	28.20 1.11 0.00	28.89 1.09 0.00	31.05 1.18 0.00	33.61 1.31 0.00	32.78 1.24 0.00	32.64 1.09 0.00	32.44 0.85 0.00	32.53 0.75 0.00	32.90 0.68 0.00	31.87 0.62 0.00	36.45 0.78 0.00	41.92 0.99 0.00	44.60 1.23 0.00	44.39 1.19 4.57	49.51 1.45 0.71	51.40 1.85 0.00	52.02 2.32 0.00	59.73 3.43 0.00	60.52 3.68 0.00	57.42 3.38 0.00	45.19 2.40 0.00	37.43 1.55 0.00
ROSETON___1 23587	36.01 1.16 0.00	30.86 1.08 0.00	28.10 1.01 0.00	28.73 0.94 0.00	30.78 0.90 0.00	32.94 0.64 0.00	32.29 0.75 0.00	32.50 0.95 0.00	32.63 1.05 0.00	32.90 1.11 0.00	33.51 1.30 0.00	32.55 1.30 0.00	37.26 1.41 -0.18	42.60 1.39 -0.28	44.97 1.49 -0.11	47.80 1.14 1.11	49.47 0.88 0.17	50.43 0.88 0.00	50.57 0.87 0.00	56.87 0.57 0.00	57.14 0.31 0.00	54.59 0.55 0.00	43.49 0.70 0.00	36.68 0.80 0.00
ROSETON___2 23588	36.01 1.16 0.00	30.86 1.08 0.00	28.10 1.01 0.00	28.73 0.94 0.00	30.78 0.90 0.00	32.94 0.64 0.00	32.29 0.75 0.00	32.50 0.95 0.00	32.63 1.05 0.00	32.90 1.11 0.00	33.51 1.30 0.00	32.55 1.30 0.00	37.26 1.41 -0.18	42.60 1.39 -0.28	44.97 1.49 -0.11	47.80 1.14 1.11	49.47 0.88 0.17	50.43 0.88 0.00	50.57 0.87 0.00	56.87 0.57 0.00	57.14 0.31 0.00	54.59 0.55 0.00	43.49 0.70 0.00	36.68 0.80 0.00
ROTTRDAM_115KV_TB3 80664	35.62 0.77 0.00	30.53 0.75 0.00	27.85 0.76 0.00	28.52 0.73 0.00	30.61 0.74 0.00	32.88 0.58 0.00	32.13 0.59 0.00	32.10 0.56 0.00	32.02 0.44 0.00	32.14 0.35 0.00	32.56 0.35 0.00	31.60 0.36 0.00	35.89 0.36 0.13	41.10 0.38 0.20	43.72 0.44 0.08	47.26 0.27 0.77	48.86 0.22 0.12	49.90 0.34 0.00	50.28 0.58 0.00	57.04 0.75 0.00	57.62 0.79 0.00	54.92 0.88 0.00	43.47 0.68 0.00	36.56 0.68 0.00
RUSSELL___1 23602	35.15 0.29 0.00	29.91 0.12 0.00	27.05 -0.04 0.00	27.57 -0.22 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.19 -0.34 0.00	31.03 -0.51 0.00	31.05 -0.54 0.00	31.38 -0.40 0.00	31.74 -0.48 0.00	30.88 -0.37 0.00	35.53 -0.14 0.00	41.17 0.24 0.00	43.65 0.28 0.00	43.49 0.35 4.64	48.91 0.90 0.76	50.86 1.31 0.00	51.33 1.64 0.00	58.53 2.24 0.00	58.69 1.86 0.00	55.16 1.12 0.00	43.61 0.81 0.00	36.45 0.57 0.00
RUSSELL___2 23532	35.15 0.29 0.00	29.91 0.12 0.00	27.05 -0.04 0.00	27.57 -0.22 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.19 -0.34 0.00	31.03 -0.51 0.00	31.05 -0.54 0.00	31.38 -0.40 0.00	31.74 -0.48 0.00	30.88 -0.37 0.00	35.53 -0.14 0.00	41.17 0.24 0.00	43.65 0.28 0.00	43.49 0.35 4.64	48.91 0.90 0.76	50.86 1.31 0.00	51.33 1.64 0.00	58.53 2.24 0.00	58.69 1.86 0.00	55.16 1.12 0.00	43.61 0.81 0.00	36.45 0.57 0.00
RUSSELL___3 23549	35.15 0.29 0.00	29.91 0.12 0.00	27.05 -0.04 0.00	27.57 -0.22 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.19 -0.34 0.00	31.03 -0.51 0.00	31.05 -0.54 0.00	31.38 -0.40 0.00	31.74 -0.48 0.00	30.88 -0.37 0.00	35.53 -0.14 0.00	41.17 0.24 0.00	43.65 0.28 0.00	43.49 0.35 4.64	48.91 0.90 0.76	50.86 1.31 0.00	51.33 1.64 0.00	58.53 2.24 0.00	58.69 1.86 0.00	55.16 1.12 0.00	43.61 0.81 0.00	36.45 0.57 0.00
RUSSELL___4 23556	35.15 0.29 0.00	29.91 0.12 0.00	27.05 -0.04 0.00	27.57 -0.22 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.19 -0.34 0.00	31.03 -0.51 0.00	31.05 -0.54 0.00	31.38 -0.40 0.00	31.74 -0.48 0.00	30.88 -0.37 0.00	35.53 -0.14 0.00	41.17 0.24 0.00	43.65 0.28 0.00	43.49 0.35 4.64	48.91 0.90 0.76	50.86 1.31 0.00	51.33 1.64 0.00	58.53 2.24 0.00	58.69 1.86 0.00	55.16 1.12 0.00	43.61 0.81 0.00	36.45 0.57 0.00
RUSSELL___STATION 23914	35.15 0.29 0.00	29.91 0.12 0.00	27.05 -0.04 0.00	27.57 -0.22 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.19 -0.34 0.00	31.03 -0.51 0.00	31.05 -0.54 0.00	31.38 -0.40 0.00	31.74 -0.48 0.00	30.88 -0.37 0.00	35.53 -0.14 0.00	41.17 0.24 0.00	43.65 0.28 0.00	43.49 0.35 4.64	48.91 0.90 0.76	50.86 1.31 0.00	51.33 1.64 0.00	58.53 2.24 0.00	58.69 1.86 0.00	55.16 1.12 0.00	43.61 0.81 0.00	36.45 0.57 0.00
S SALMON___HYD 24043	35.03 0.18 0.00	29.86 0.07 0.00	27.13 0.04 0.00	27.80 0.00 0.00	29.92 0.05 0.00	32.29 -0.01 0.00	31.44 -0.10 0.00	31.30 -0.25 0.00	31.17 -0.41 0.00	31.30 -0.49 0.00	31.64 -0.58 0.00	30.61 -0.63 0.00	34.97 -0.70 0.00	40.17 -0.75 0.00	42.66 -0.71 0.00	36.56 -1.20 10.01	46.12 -1.10 1.55	48.76 -0.79 0.00	49.26 -0.43 0.00	56.72 0.42 0.00	57.78 0.95 0.00	55.03 0.99 0.00	43.37 0.57 0.00	35.91 0.03 0.00
S.PERRY__115KV_TB1 80734	36.10 1.25 0.00	30.67 0.89 0.00	27.67 0.58 0.00	28.10 0.31 0.00	30.39 0.52 0.00	32.87 0.57 0.00	32.05 0.51 0.00	31.62 0.08 0.00	31.06 -0.53 0.00	31.37 -0.41 0.00	31.71 -0.51 0.00	30.76 -0.48 0.00	35.25 -0.42 0.00	40.11 -0.81 0.00	42.29 -1.08 0.00	41.48 -0.96 5.33	47.55 -0.36 0.85	49.55 0.00 0.00	50.25 0.56 0.00	58.09 1.80 0.00	58.84 2.01 0.00	55.20 1.16 0.00	43.51 0.72 0.00	37.09 1.21 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.50 -0.35 0.00	29.34 -0.45 0.00	26.43 -0.66 0.00	26.79 -1.00 0.00	29.03 -0.84 0.00	31.19 -1.11 0.00	30.12 -1.42 0.00	29.74 -1.81 0.00	29.79 -1.79 0.00	30.22 -1.57 0.00	30.38 -1.84 0.00	29.54 -1.70 0.00	34.26 -1.41 0.00	39.62 -1.31 0.00	41.69 -1.68 0.00	41.46 -1.39 4.92	47.25 -0.72 0.79	49.10 -0.45 0.00	49.47 -0.22 0.00	56.23 -0.06 0.00	56.17 -0.66 0.00	52.47 -1.58 0.00	41.80 -1.00 0.00	35.15 -0.73 0.00

SAWYER___23_KV_LOAD 55526	34.50 -0.35 0.00	29.34 -0.45 0.00	26.43 -0.66 0.00	26.79 -1.00 0.00	29.03 -0.84 0.00	31.19 -1.11 0.00	30.12 -1.42 0.00	29.74 -1.81 0.00	29.79 -1.79 0.00	30.22 -1.57 0.00	30.38 -1.84 0.00	29.54 -1.70 0.00	34.26 -1.41 0.00	39.62 -1.31 0.00	41.69 -1.68 0.00	41.46 -1.39 4.92	47.25 -0.72 0.79	49.10 -0.45 0.00	49.47 -0.22 0.00	56.23 -0.06 0.00	56.17 -0.66 0.00	52.47 -1.58 0.00	41.80 -1.00 0.00	35.15 -0.73 0.00
SELKIRK___I 23801	34.85 0.00 0.00	30.41 0.62 0.00	27.88 0.79 0.00	28.58 0.79 0.00	30.66 0.79 0.00	32.87 0.58 0.00	32.10 0.57 0.00	32.02 0.47 0.00	31.78 0.19 0.00	31.44 -0.35 0.00	31.74 -0.48 0.00	30.66 -0.58 0.00	34.76 -0.81 0.09	39.82 -0.96 0.15	42.37 -0.94 0.06	41.69 -1.42 4.67	46.89 -1.74 0.13	47.76 -1.79 0.00	48.18 -1.51 0.00	54.66 -1.64 0.00	55.28 -1.55 0.00	52.81 -1.23 0.00	41.82 -0.98 0.00	35.19 -0.69 0.00
SELKIRK___II 23799	34.94 0.09 0.00	30.17 0.38 0.00	27.71 0.62 0.00	28.42 0.63 0.00	30.49 0.61 0.00	32.67 0.37 0.00	31.93 0.39 0.00	31.88 0.34 0.00	31.70 0.12 0.00	31.72 -0.06 0.00	32.15 -0.06 0.00	31.06 -0.18 0.00	35.21 -0.35 0.11	40.26 -0.50 0.17	42.80 -0.50 0.07	32.17 -0.89 14.71	47.54 -1.10 0.13	48.45 -1.11 0.00	48.71 -0.98 0.00	55.09 -1.20 0.00	55.61 -1.22 0.00	53.13 -0.91 0.00	42.12 -0.68 0.00	35.46 -0.41 0.00
SENECA OSWGO___HYD 24041	34.29 -0.56 0.00	29.27 -0.51 0.00	26.63 -0.46 0.00	27.22 -0.57 0.00	29.30 -0.57 0.00	31.60 -0.69 0.00	30.84 -0.70 0.00	30.79 -0.76 0.00	30.75 -0.84 0.00	30.91 -0.88 0.00	31.32 -0.89 0.00	30.41 -0.83 0.00	34.77 -0.89 0.00	39.98 -0.94 0.00	42.42 -0.95 0.00	34.45 -1.57 11.75	45.45 -1.50 1.81	48.27 -1.28 0.00	48.69 -1.00 0.00	55.70 -0.60 0.00	56.36 -0.47 0.00	53.46 -0.58 0.00	42.27 -0.53 0.00	35.40 -0.48 0.00
SENECA___115KV_TB3 355854	34.81 -0.05 0.00	29.57 -0.22 0.00	26.65 -0.44 0.00	27.00 -0.79 0.00	29.25 -0.62 0.00	31.46 -0.84 0.00	30.42 -1.12 0.00	30.08 -1.47 0.00	30.12 -1.47 0.00	30.54 -1.24 0.00	30.73 -1.48 0.00	29.91 -1.34 0.00	34.69 -0.98 0.00	40.10 -0.83 0.00	42.25 -1.12 0.00	42.08 -0.69 5.00	47.98 0.02 0.80	49.81 0.26 0.00	50.19 0.50 0.00	57.06 0.77 0.00	57.04 0.20 0.00	53.24 -0.80 0.00	42.37 -0.43 0.00	35.56 -0.32 0.00
SENECA___ENERGY 23797	34.90 0.04 0.00	29.69 -0.10 0.00	26.98 -0.11 0.00	27.53 -0.27 0.00	29.59 -0.28 0.00	31.95 -0.35 0.00	31.21 -0.33 0.00	31.15 -0.39 0.00	31.01 -0.58 0.00	31.10 -0.68 0.00	31.51 -0.71 0.00	30.58 -0.66 0.00	35.09 -0.58 0.00	40.47 -0.46 0.00	43.00 -0.37 0.00	38.53 -0.59 8.65	47.14 -0.30 1.32	49.55 0.00 0.00	50.20 0.50 0.00	57.47 1.18 0.00	57.93 1.09 0.00	54.63 0.59 0.00	43.22 0.42 0.00	36.12 0.24 0.00
SHOEMAKER___GT 23640	35.99 1.13 0.00	30.79 1.01 0.00	28.02 0.93 0.00	28.65 0.85 0.00	30.71 0.83 0.00	32.90 0.61 0.00	32.24 0.70 0.00	32.41 0.87 0.00	32.51 0.93 0.00	32.75 0.97 0.00	33.33 1.12 0.00	32.37 1.12 0.00	37.07 1.24 -0.16	42.43 1.25 -0.25	44.85 1.38 -0.10	47.66 1.10 1.21	49.50 0.92 0.19	50.56 1.01 0.00	50.78 1.09 0.00	57.22 0.92 0.00	57.53 0.70 0.00	54.89 0.86 0.00	43.67 0.87 0.00	36.76 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	35.97 1.12 0.00	30.79 1.00 0.00	28.01 0.92 0.00	28.63 0.84 0.00	30.69 0.82 0.00	32.88 0.58 0.00	32.21 0.67 0.00	32.40 0.86 0.00	32.52 0.94 0.00	32.77 0.98 0.00	33.36 1.14 0.00	32.40 1.15 0.00	37.10 1.27 -0.16	42.46 1.28 -0.25	44.87 1.40 -0.10	47.69 1.13 1.22	49.51 0.94 0.19	50.55 1.00 0.00	50.75 1.06 0.00	57.17 0.87 0.00	57.47 0.64 0.00	54.84 0.80 0.00	43.64 0.84 0.00	36.74 0.85 0.00
SHOREHAM_IC_1 23715	36.62 1.77 0.00	31.35 1.56 0.00	28.33 1.24 0.00	28.92 1.12 0.00	30.92 1.05 0.00	33.08 0.78 0.00	32.30 0.76 0.00	32.61 1.06 0.00	32.84 1.25 0.00	33.40 1.61 0.00	34.72 2.44 -0.06	38.91 2.63 -5.03	42.29 2.62 -4.00	44.82 2.47 -1.42	45.66 2.17 -0.12	47.48 1.01 1.29	30.91 0.69 18.54	48.71 0.97 1.81	50.67 0.98 0.00	29.90 0.46 26.85	29.93 0.03 26.93	26.38 0.30 27.95	23.95 0.68 19.52	30.70 0.60 5.79
SHOREHAM_IC_2 23716	36.62 1.77 0.00	31.35 1.56 0.00	28.33 1.24 0.00	28.92 1.13 0.00	30.92 1.06 0.00	33.08 0.78 0.00	32.30 0.76 0.00	32.61 1.06 0.00	32.84 1.25 0.00	33.40 1.61 0.00	34.71 2.43 -0.06	38.91 2.64 -5.03	42.28 2.61 -4.00	44.82 2.47 -1.42	45.67 2.18 -0.12	47.54 1.06 1.29	30.94 0.72 18.54	48.71 0.97 1.81	50.67 0.98 0.00	29.94 0.49 26.85	29.94 0.03 26.93	26.43 0.34 27.95	23.96 0.69 19.52	30.70 0.61 5.79
SISSONVILLE____ 23735	35.49 0.64 0.00	30.23 0.44 0.00	27.31 0.22 0.00	28.23 0.44 0.00	30.50 0.63 0.00	33.24 0.94 0.00	32.35 0.81 0.00	32.26 0.71 0.00	32.35 0.77 0.00	32.60 0.81 0.00	32.85 0.64 0.00	31.75 0.50 0.00	36.31 0.64 0.00	41.77 0.84 0.00	44.28 0.91 0.00	46.75 0.69 1.71	49.02 0.52 0.26	49.90 0.35 0.00	50.04 0.35 0.00	57.40 1.11 0.00	58.63 1.80 0.00	56.12 2.08 0.00	44.38 1.58 0.00	36.80 0.92 0.00
SITHE_IND_GS1 24169	33.84 -1.02 0.00	28.90 -0.88 0.00	26.29 -0.80 0.00	26.91 -0.88 0.00	28.94 -0.93 0.00	31.21 -1.09 0.00	30.47 -1.07 0.00	30.44 -1.10 0.00	30.44 -1.15 0.00	30.62 -1.17 0.00	31.03 -1.19 0.00	30.12 -1.12 0.00	34.42 -1.25 0.00	39.57 -1.36 0.00	41.96 -1.41 0.00	29.75 -2.09 15.93	44.20 -2.09 2.48	47.60 -1.95 0.00	47.95 -1.74 0.00	54.78 -1.52 0.00	55.39 -1.44 0.00	52.55 -1.49 0.00	41.61 -1.18 0.00	34.86 -1.02 0.00
SITHE_IND_GS2 24170	33.84 -1.02 0.00	28.90 -0.88 0.00	26.29 -0.80 0.00	26.91 -0.88 0.00	28.94 -0.93 0.00	31.21 -1.09 0.00	30.47 -1.07 0.00	30.44 -1.10 0.00	30.44 -1.15 0.00	30.62 -1.17 0.00	31.03 -1.19 0.00	30.12 -1.12 0.00	34.42 -1.25 0.00	39.57 -1.36 0.00	41.96 -1.41 0.00	29.75 -2.09 15.93	44.20 -2.09 2.48	47.60 -1.95 0.00	47.95 -1.74 0.00	54.78 -1.52 0.00	55.39 -1.44 0.00	52.55 -1.49 0.00	41.61 -1.18 0.00	34.86 -1.02 0.00
SITHE_IND_GS3 24171	33.84 -1.02 0.00	28.90 -0.88 0.00	26.29 -0.80 0.00	26.91 -0.88 0.00	28.94 -0.93 0.00	31.21 -1.09 0.00	30.47 -1.07 0.00	30.44 -1.10 0.00	30.44 -1.15 0.00	30.62 -1.17 0.00	31.03 -1.19 0.00	30.12 -1.12 0.00	34.42 -1.25 0.00	39.57 -1.36 0.00	41.96 -1.41 0.00	29.75 -2.09 15.93	44.20 -2.09 2.48	47.60 -1.95 0.00	47.95 -1.74 0.00	54.78 -1.52 0.00	55.39 -1.44 0.00	52.55 -1.49 0.00	41.61 -1.18 0.00	34.86 -1.02 0.00
SITHE_IND_GS4 24172	33.84 -1.02 0.00	28.90 -0.88 0.00	26.29 -0.80 0.00	26.91 -0.88 0.00	28.94 -0.93 0.00	31.21 -1.09 0.00	30.47 -1.07 0.00	30.44 -1.10 0.00	30.44 -1.15 0.00	30.62 -1.17 0.00	31.03 -1.19 0.00	30.12 -1.12 0.00	34.42 -1.25 0.00	39.57 -1.36 0.00	41.96 -1.41 0.00	29.75 -2.09 15.93	44.20 -2.09 2.48	47.60 -1.95 0.00	47.95 -1.74 0.00	54.78 -1.52 0.00	55.39 -1.44 0.00	52.55 -1.49 0.00	41.61 -1.18 0.00	34.86 -1.02 0.00

SITHE___BATAVIA 24024	35.50 0.64 0.00	30.16 0.37 0.00	27.19 0.10 0.00	27.62 -0.18 0.00	29.90 0.02 0.00	32.22 -0.08 0.00	31.21 -0.33 0.00	30.87 -0.68 0.00	30.71 -0.87 0.00	30.93 -0.85 0.00	31.07 -1.14 0.00	30.24 -1.00 0.00	35.68 0.01 0.00	40.63 -0.29 0.00	42.86 -0.51 0.00	42.96 0.00 4.81	48.53 0.55 0.78	50.64 1.09 0.00	51.33 1.63 0.00	58.71 2.41 0.00	58.89 2.07 0.00	55.17 1.13 0.00	43.70 0.91 0.00	36.56 0.68 0.00
SITHE___INDEPEND 23800	33.84 -1.02 0.00	28.90 -0.88 0.00	26.29 -0.80 0.00	26.92 -0.88 0.00	28.94 -0.93 0.00	31.21 -1.09 0.00	30.47 -1.07 0.00	30.45 -1.10 0.00	30.44 -1.15 0.00	30.62 -1.17 0.00	31.03 -1.19 0.00	30.12 -1.12 0.00	34.42 -1.25 0.00	39.57 -1.36 0.00	41.96 -1.41 0.00	29.75 -2.09 15.93	44.20 -2.09 2.48	47.60 -1.95 0.00	47.95 -1.74 0.00	54.78 -1.52 0.00	55.39 -1.44 0.00	52.55 -1.49 0.00	41.61 -1.18 0.00	34.86 -1.02 0.00
SITHE___MASSENA 23902	35.13 0.28 0.00	29.96 0.17 0.00	27.08 -0.01 0.00	27.98 0.19 0.00	30.21 0.34 0.00	32.91 0.61 0.00	32.03 0.49 0.00	31.99 0.45 0.00	32.19 0.60 0.00	32.48 0.70 0.00	32.78 0.56 0.00	31.70 0.46 0.00	36.26 0.59 0.00	41.70 0.77 0.00	44.19 0.82 0.00	47.82 0.83 0.79	49.52 0.88 0.12	50.22 0.67 0.00	50.23 0.54 0.00	57.25 0.95 0.00	58.13 1.30 0.00	55.31 1.27 0.00	43.74 0.94 0.00	36.49 0.61 0.00
SITHE___OGDNSBRG 24021	35.86 1.01 0.00	30.55 0.76 0.00	27.59 0.50 0.00	28.53 0.74 0.00	30.84 0.97 0.00	33.63 1.33 0.00	32.75 1.21 0.00	32.53 0.98 0.00	32.48 0.90 0.00	32.70 0.91 0.00	32.96 0.74 0.00	31.85 0.61 0.00	36.46 0.79 0.00	41.94 1.01 0.00	44.46 1.09 0.00	47.45 1.03 1.35	49.53 0.98 0.21	50.31 0.76 0.00	50.46 0.77 0.00	58.18 1.88 0.00	59.70 2.87 0.00	56.96 2.92 0.00	44.98 2.18 0.00	37.39 1.52 0.00
SITHE___STERLING 23777	35.92 1.07 0.00	30.68 0.89 0.00	27.92 0.83 0.00	28.59 0.80 0.00	30.73 0.85 0.00	33.21 0.92 0.00	32.42 0.88 0.00	32.28 0.74 0.00	32.12 0.54 0.00	32.25 0.46 0.00	32.67 0.45 0.00	31.67 0.42 0.00	36.21 0.54 0.00	41.63 0.70 0.00	44.27 0.90 0.00	43.40 0.83 5.20	48.97 1.01 0.80	50.87 1.32 0.00	51.40 1.70 0.00	58.86 2.56 0.00	59.60 2.76 0.00	56.53 2.49 0.00	44.53 1.74 0.00	37.04 1.16 0.00
SLEIGHT__34_KV_TB1 80719	35.51 0.66 0.00	30.16 0.37 0.00	27.43 0.34 0.00	28.06 0.27 0.00	30.10 0.23 0.00	32.48 0.18 0.00	31.83 0.29 0.00	31.68 0.14 0.00	31.56 -0.02 0.00	31.63 -0.15 0.00	32.05 -0.17 0.00	31.15 -0.09 0.00	35.77 0.10 0.00	41.33 0.40 0.00	44.05 0.68 0.00	40.31 0.43 7.89	47.64 -0.19 0.93	49.71 0.16 0.00	50.27 0.58 0.00	57.50 1.21 0.00	57.81 0.98 0.00	54.50 0.46 0.00	43.07 0.28 0.00	35.98 0.10 0.00
SMITHTWN_69_KV_BK 1 55830	37.02 2.17 0.00	31.66 1.88 0.00	28.63 1.54 0.00	29.22 1.43 0.00	31.25 1.38 0.00	33.43 1.14 0.00	32.65 1.11 0.00	32.95 1.40 0.00	33.20 1.61 0.00	33.78 1.99 0.00	35.12 2.84 -0.06	39.31 3.03 -5.03	42.98 3.27 -4.04	45.59 3.24 -1.42	46.50 3.00 -0.12	48.26 1.95 1.46	31.08 1.45 19.12	47.59 1.37 3.33	51.02 1.33 0.00	30.41 0.82 26.71	30.46 0.42 26.79	27.01 0.78 27.80	24.44 1.06 19.42	31.13 1.00 5.76
SOUTH CAIRO___GT 23612	36.06 1.21 0.00	31.11 1.32 0.00	28.51 1.42 0.00	29.24 1.45 0.00	31.36 1.49 0.00	33.67 1.37 0.00	32.94 1.40 0.00	32.86 1.31 0.00	32.53 0.95 0.00	32.23 0.45 0.00	32.51 0.30 0.00	31.36 0.12 0.00	35.61 0.00 0.06	40.94 0.12 0.10	43.58 0.25 0.04	42.06 0.06 5.77	48.52 -0.11 0.14	49.70 0.15 0.00	50.48 0.79 0.00	57.62 1.32 0.00	58.42 1.59 0.00	55.74 1.70 0.00	43.90 1.10 0.00	36.77 0.89 0.00
SOUTH HAMPTN___IC 23720	37.28 2.43 0.00	31.90 2.11 0.00	28.84 1.75 0.00	29.42 1.63 0.00	31.47 1.59 0.00	33.66 1.36 0.00	32.89 1.35 0.00	33.23 1.68 0.00	33.48 1.90 0.00	34.12 2.33 0.00	35.51 3.22 -0.06	39.71 3.44 -5.03	43.26 3.60 -3.99	45.90 3.55 -1.42	46.79 3.30 -0.12	48.74 2.24 1.28	32.25 1.99 18.50	50.11 2.23 1.67	51.88 2.19 0.00	31.09 1.69 26.89	31.05 1.18 26.97	27.44 1.40 27.99	24.72 1.48 19.55	31.33 1.25 5.80
SOUTHDOWN_115KV_TB1 355954	35.52 0.66 0.00	30.09 0.30 0.00	27.17 0.08 0.00	27.48 -0.31 0.00	29.78 -0.09 0.00	32.14 -0.16 0.00	31.23 -0.31 0.00	31.32 -0.22 0.00	31.52 -0.07 0.00	31.98 0.19 0.00	32.28 0.07 0.00	31.43 0.18 0.00	36.34 0.68 0.00	41.97 1.05 0.00	44.40 1.03 0.00	44.32 1.71 5.17	50.45 2.51 0.83	51.60 2.05 0.00	52.01 2.32 0.00	59.16 2.87 0.00	59.28 2.45 0.00	55.38 1.34 0.00	43.93 1.14 0.00	36.61 0.72 0.00
SOUTHOLD_69_KV_BK 2 55809	38.02 3.16 0.00	32.53 2.75 0.00	29.42 2.33 0.00	30.00 2.21 0.00	32.09 2.21 0.00	34.33 2.03 0.00	33.59 2.05 0.00	33.95 2.40 0.00	34.24 2.65 0.00	34.91 3.13 0.00	36.37 4.10 -0.06	40.60 4.32 -5.03	44.27 4.61 -3.99	47.02 4.67 -1.42	47.87 4.38 -0.12	49.92 3.43 1.28	33.51 3.25 18.50	51.36 3.48 1.67	53.05 3.36 0.00	32.26 2.86 26.89	32.14 2.27 26.96	28.62 2.57 27.99	25.55 2.31 19.55	32.00 1.91 5.80
SOUTHOLD___IC 23719	38.02 3.16 0.00	32.53 2.75 0.00	29.41 2.33 0.00	30.01 2.21 0.00	32.09 2.21 0.00	34.33 2.03 0.00	33.59 2.05 0.00	33.95 2.40 0.00	34.24 2.65 0.00	34.91 3.13 0.00	36.37 4.10 -0.06	40.59 4.32 -5.03	44.27 4.61 -3.99	47.01 4.66 -1.42	47.86 4.37 -0.12	49.86 3.37 1.28	33.48 3.22 18.50	51.36 3.48 1.67	53.05 3.36 0.00	32.23 2.83 26.89	32.12 2.25 26.96	28.56 2.52 27.99	25.53 2.29 19.55	31.99 1.90 5.80
SOUTH_FORK_WT_PWR 323839	38.13 3.27 0.00	32.66 2.87 0.00	29.54 2.45 0.00	30.12 2.33 0.00	32.22 2.35 0.00	34.47 2.17 0.00	33.73 2.19 0.00	34.10 2.56 0.00	34.39 2.81 0.00	35.07 3.28 0.00	36.55 4.27 -0.06	40.76 4.49 -5.03	44.44 4.78 -3.99	47.16 4.81 -1.42	47.93 4.43 -0.12	49.80 3.31 1.28	33.40 3.15 18.50	51.26 3.38 1.67	52.90 3.22 0.00	31.98 2.58 26.89	31.90 2.04 26.97	28.50 2.45 27.99	25.45 2.20 19.55	31.95 1.87 5.80
SPIERFLS_115KV_TB 1 80737	36.37 1.51 0.00	31.14 1.35 0.00	28.39 1.30 0.00	29.06 1.26 0.00	31.18 1.30 0.00	33.47 1.17 0.00	32.80 1.26 0.00	32.73 1.18 0.00	32.50 0.91 0.00	32.44 0.65 0.00	32.59 0.37 0.00	31.66 0.42 0.00	35.77 0.27 0.17	40.98 0.31 0.26	43.72 0.46 0.11	47.37 0.38 0.78	49.18 0.54 0.12	50.56 1.01 0.00	51.44 1.75 0.00	58.66 2.36 0.00	59.39 2.56 0.00	56.52 2.48 0.00	44.38 1.58 0.00	37.50 1.61 0.00
ST LAWRENCE____ 23600	34.74 -0.12 0.00	29.62 -0.16 0.00	26.78 -0.31 0.00	27.65 -0.14 0.00	29.84 -0.04 0.00	32.50 0.20 0.00	31.64 0.10 0.00	31.58 0.04 0.00	31.81 0.23 0.00	32.10 0.32 0.00	32.41 0.19 0.00	31.38 0.13 0.00	35.86 0.19 0.00	41.23 0.30 0.00	43.69 0.32 0.00	47.54 0.31 0.55	49.05 0.38 0.08	49.79 0.23 0.00	49.77 0.08 0.00	56.62 0.32 0.00	57.36 0.53 0.00	54.46 0.42 0.00	43.07 0.27 0.00	35.98 0.10 0.00

STATE_CA_115KV_115_LB 55624	35.42 0.56 0.00	30.49 0.71 0.00	27.90 0.81 0.00	28.57 0.78 0.00	30.64 0.77 0.00	32.82 0.52 0.00	32.11 0.57 0.00	32.10 0.56 0.00	32.02 0.44 0.00	32.12 0.33 0.00	32.54 0.33 0.00	31.42 0.17 0.00	35.55 0.04 0.16	40.65 -0.03 0.24	43.29 0.02 0.10	46.70 -0.27 0.80	48.24 -0.39 0.12	49.22 -0.33 0.00	49.52 -0.17 0.00	55.99 -0.31 0.00	56.52 -0.31 0.00	53.94 -0.10 0.00	42.73 -0.07 0.00	35.97 0.09 0.00
STATE_ST_34_KV_LOAD 55959	35.20 0.35 0.00	29.91 0.12 0.00	27.28 0.19 0.00	27.83 0.04 0.00	29.89 0.02 0.00	32.26 -0.04 0.00	31.59 0.05 0.00	31.56 0.02 0.00	31.43 -0.15 0.00	31.44 -0.34 0.00	31.85 -0.37 0.00	30.91 -0.33 0.00	35.40 -0.26 0.00	40.75 -0.18 0.00	43.44 0.06 0.00	38.07 -0.31 9.39	46.98 -0.38 1.41	49.39 -0.16 0.00	50.19 0.50 0.00	57.55 1.26 0.00	58.00 1.17 0.00	54.83 0.79 0.00	43.44 0.65 0.00	36.21 0.32 0.00
STATION_5_MISC_HYD 23604	34.96 0.11 0.00	29.76 -0.02 0.00	26.93 -0.16 0.00	27.45 -0.35 0.00	29.62 -0.25 0.00	31.91 -0.38 0.00	31.04 -0.50 0.00	30.88 -0.67 0.00	30.89 -0.70 0.00	31.22 -0.57 0.00	31.55 -0.66 0.00	30.69 -0.55 0.00	35.30 -0.36 0.00	40.86 -0.07 0.00	43.31 -0.07 0.00	43.14 0.01 4.64	48.46 0.45 0.76	50.37 0.82 0.00	50.83 1.13 0.00	57.94 1.65 0.00	58.14 1.31 0.00	54.67 0.64 0.00	43.24 0.44 0.00	36.18 0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.87 0.01 0.00	29.69 -0.10 0.00	26.91 -0.18 0.00	27.45 -0.35 0.00	29.58 -0.29 0.00	31.90 -0.39 0.00	31.10 -0.44 0.00	30.99 -0.56 0.00	30.93 -0.66 0.00	31.16 -0.63 0.00	31.52 -0.69 0.00	30.64 -0.61 0.00	35.17 -0.50 0.00	40.66 -0.27 0.00	43.13 -0.24 0.00	41.73 -0.33 5.71	47.96 0.12 0.92	50.02 0.47 0.00	50.55 0.86 0.00	57.75 1.45 0.00	58.05 1.22 0.00	54.67 0.64 0.00	43.22 0.43 0.00	36.13 0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.74 -0.11 0.00	29.58 -0.20 0.00	26.77 -0.32 0.00	27.29 -0.50 0.00	29.45 -0.43 0.00	31.73 -0.57 0.00	30.87 -0.67 0.00	30.73 -0.82 0.00	30.74 -0.85 0.00	31.06 -0.73 0.00	31.41 -0.81 0.00	30.55 -0.69 0.00	35.12 -0.55 0.00	40.65 -0.27 0.00	43.09 -0.28 0.00	42.79 -0.30 4.68	48.19 0.20 0.77	50.13 0.58 0.00	50.57 0.88 0.00	57.65 1.36 0.00	57.84 1.01 0.00	54.41 0.37 0.00	43.03 0.23 0.00	35.99 0.10 0.00
STA_56___34_KV_BUS2 355983	34.74 -0.11 0.00	29.58 -0.20 0.00	26.77 -0.32 0.00	27.29 -0.50 0.00	29.45 -0.43 0.00	31.73 -0.57 0.00	30.87 -0.67 0.00	30.73 -0.82 0.00	30.74 -0.85 0.00	31.06 -0.73 0.00	31.41 -0.81 0.00	30.55 -0.69 0.00	35.12 -0.55 0.00	40.65 -0.27 0.00	43.09 -0.28 0.00	42.79 -0.30 4.68	48.19 0.20 0.77	50.13 0.58 0.00	50.57 0.88 0.00	57.65 1.36 0.00	57.84 1.01 0.00	54.41 0.37 0.00	43.03 0.23 0.00	35.99 0.10 0.00
STA_67___115KV_BK2 355882	34.88 0.03 0.00	29.70 -0.09 0.00	26.87 -0.22 0.00	27.39 -0.40 0.00	29.56 -0.31 0.00	31.84 -0.45 0.00	30.97 -0.56 0.00	30.81 -0.74 0.00	30.81 -0.77 0.00	31.13 -0.65 0.00	31.47 -0.75 0.00	30.60 -0.64 0.00	35.20 -0.47 0.00	40.73 -0.20 0.00	43.14 -0.23 0.00	42.91 -0.23 4.63	48.26 0.26 0.76	50.16 0.61 0.00	50.60 0.91 0.00	57.71 1.41 0.00	57.90 1.07 0.00	54.47 0.43 0.00	43.10 0.31 0.00	36.07 0.19 0.00
STA_7___115KV_9TRANS 80674	35.15 0.29 0.00	29.91 0.12 0.00	27.05 -0.04 0.00	27.57 -0.22 0.00	29.76 -0.11 0.00	32.06 -0.24 0.00	31.19 -0.34 0.00	31.03 -0.51 0.00	31.05 -0.54 0.00	31.38 -0.40 0.00	31.74 -0.48 0.00	30.88 -0.37 0.00	35.53 -0.14 0.00	41.17 0.24 0.00	43.65 0.28 0.00	43.49 0.35 4.64	48.91 0.90 0.76	50.86 1.31 0.00	51.33 1.64 0.00	58.53 2.24 0.00	58.69 1.86 0.00	55.16 1.12 0.00	43.61 0.81 0.00	36.45 0.57 0.00
STA_82___115KV_TB1 80780	34.90 0.05 0.00	29.71 -0.07 0.00	26.89 -0.20 0.00	27.40 -0.39 0.00	29.58 -0.30 0.00	31.86 -0.44 0.00	30.99 -0.55 0.00	30.82 -0.73 0.00	30.81 -0.77 0.00	31.14 -0.64 0.00	31.47 -0.74 0.00	30.61 -0.64 0.00	35.21 -0.45 0.00	40.74 -0.19 0.00	43.17 -0.21 0.00	42.86 -0.22 4.70	48.26 0.27 0.77	50.20 0.65 0.00	50.64 0.95 0.00	57.76 1.46 0.00	57.96 1.13 0.00	54.51 0.47 0.00	43.13 0.33 0.00	36.09 0.21 0.00
STEEL___WIND 323596	34.77 -0.08 0.00	29.53 -0.25 0.00	26.62 -0.47 0.00	26.98 -0.82 0.00	29.21 -0.67 0.00	31.43 -0.86 0.00	30.40 -1.14 0.00	30.05 -1.50 0.00	30.09 -1.49 0.00	30.51 -1.27 0.00	30.68 -1.53 0.00	29.87 -1.38 0.00	34.63 -1.04 0.00	40.01 -0.91 0.00	42.17 -1.21 0.00	42.11 -0.66 5.00	47.89 -0.07 0.80	49.72 0.17 0.00	50.11 0.42 0.00	56.96 0.66 0.00	56.99 0.16 0.00	53.18 -0.86 0.00	42.30 -0.49 0.00	35.50 -0.38 0.00
STEPHTWN_115KV_BK_2 55603	35.49 0.64 0.00	30.58 0.79 0.00	27.99 0.90 0.00	28.67 0.88 0.00	30.73 0.86 0.00	32.94 0.64 0.00	32.21 0.67 0.00	32.22 0.67 0.00	31.84 0.25 0.00	31.89 0.11 0.00	32.30 0.09 0.00	31.16 -0.08 0.00	35.21 -0.30 0.15	40.25 -0.44 0.24	42.84 -0.44 0.10	46.64 -0.32 0.81	48.24 -0.39 0.13	49.26 -0.29 0.00	49.58 -0.11 0.00	56.09 -0.21 0.00	56.59 -0.24 0.00	54.04 0.00 0.00	42.77 -0.02 0.00	36.00 0.12 0.00
STEBEN_REC_LFGE 323667	35.51 0.66 0.00	30.14 0.35 0.00	27.21 0.12 0.00	27.50 -0.30 0.00	29.81 -0.06 0.00	32.31 0.01 0.00	31.42 -0.12 0.00	31.03 -0.51 0.00	30.76 -0.83 0.00	31.03 -0.75 0.00	31.32 -0.89 0.00	30.35 -0.89 0.00	34.96 -0.71 0.00	40.30 -0.63 0.00	42.55 -0.82 0.00	41.25 -0.42 6.10	48.14 0.34 0.96	50.06 0.51 0.00	50.81 1.12 0.00	58.21 1.91 0.00	58.63 1.80 0.00	54.61 0.57 0.00	42.96 0.17 0.00	35.93 0.05 0.00
STILLWATER___SOLAR 323814	36.30 1.45 0.00	31.15 1.36 0.00	28.42 1.33 0.00	29.09 1.29 0.00	31.21 1.34 0.00	33.50 1.20 0.00	32.79 1.25 0.00	32.70 1.15 0.00	32.51 0.92 0.00	32.51 0.73 0.00	32.83 0.61 0.00	31.85 0.61 0.00	36.06 0.58 0.19	41.31 0.68 0.29	44.03 0.77 0.12	47.68 0.68 0.78	49.35 0.71 0.12	50.58 1.03 0.00	51.17 1.48 0.00	58.15 1.85 0.00	58.80 1.97 0.00	56.03 1.98 0.00	44.20 1.41 0.00	37.26 1.38 0.00
STONY___BROOK 24151	36.96 2.11 0.00	31.63 1.84 0.00	28.58 1.49 0.00	29.18 1.39 0.00	31.21 1.34 0.00	33.40 1.10 0.00	32.61 1.07 0.00	32.91 1.37 0.00	33.15 1.57 0.00	33.74 1.95 0.00	35.08 2.80 -0.06	39.26 2.98 -5.03	42.88 3.18 -4.03	45.48 3.13 -1.42	46.38 2.89 -0.12	48.18 1.78 1.37	31.27 1.29 18.78	48.19 1.12 2.48	50.76 1.08 0.00	30.06 0.53 26.77	30.19 0.20 26.84	26.80 0.62 27.86	24.33 0.99 19.46	31.05 0.94 5.77
STURGEON_POOL_HYD 23609	36.13 1.27 0.00	30.88 1.10 0.00	28.12 1.03 0.00	28.75 0.95 0.00	30.78 0.91 0.00	32.93 0.63 0.00	32.29 0.75 0.00	32.53 0.98 0.00	32.71 1.13 0.00	33.05 1.27 0.00	33.68 1.46 0.00	32.75 1.51 0.00	37.47 1.71 -0.10	42.85 1.77 -0.15	45.32 1.89 -0.06	47.23 1.64 2.18	50.03 1.44 0.17	51.03 1.48 0.00	51.18 1.49 0.00	57.50 1.20 0.00	57.72 0.89 0.00	55.12 1.08 0.00	43.89 1.09 0.00	36.95 1.07 0.00

ST_LAW_115_BK7_LBMP 345037	34.74 -0.12 0.00	29.62 -0.17 0.00	26.78 -0.31 0.00	27.67 -0.12 0.00	29.86 -0.02 0.00	32.53 0.23 0.00	31.66 0.12 0.00	31.61 0.06 0.00	31.83 0.25 0.00	32.11 0.33 0.00	32.42 0.20 0.00	31.38 0.14 0.00	35.87 0.20 0.00	41.24 0.31 0.00	43.71 0.34 0.00	47.51 0.34 0.60	49.06 0.39 0.09	49.78 0.23 0.00	49.75 0.06 0.00	56.62 0.33 0.00	57.40 0.56 0.00	54.50 0.46 0.00	43.11 0.31 0.00	36.01 0.13 0.00
ST_LAW_115_BK8_LBMP 345038	34.74 -0.12 0.00	29.62 -0.17 0.00	26.78 -0.31 0.00	27.67 -0.12 0.00	29.86 -0.02 0.00	32.53 0.23 0.00	31.66 0.12 0.00	31.61 0.06 0.00	31.83 0.25 0.00	32.11 0.33 0.00	32.42 0.20 0.00	31.38 0.14 0.00	35.87 0.20 0.00	41.24 0.31 0.00	43.71 0.34 0.00	47.51 0.34 0.60	49.06 0.39 0.09	49.78 0.23 0.00	49.75 0.06 0.00	56.62 0.33 0.00	57.40 0.56 0.00	54.50 0.46 0.00	43.11 0.31 0.00	36.01 0.13 0.00
ST_LAW_230_BK5_LBMP 345035	34.74 -0.12 0.00	29.62 -0.16 0.00	26.78 -0.31 0.00	27.65 -0.14 0.00	29.84 -0.04 0.00	32.50 0.20 0.00	31.64 0.10 0.00	31.58 0.04 0.00	31.81 0.23 0.00	32.10 0.32 0.00	32.41 0.19 0.00	31.38 0.13 0.00	35.86 0.19 0.00	41.23 0.30 0.00	43.69 0.32 0.00	47.60 0.31 0.49	49.06 0.38 0.07	49.79 0.23 0.00	49.77 0.08 0.00	56.62 0.32 0.00	57.36 0.53 0.00	54.46 0.42 0.00	43.07 0.27 0.00	35.98 0.10 0.00
ST_LAW_230_BK6_LBMP 345036	34.74 -0.12 0.00	29.62 -0.16 0.00	26.78 -0.31 0.00	27.65 -0.14 0.00	29.84 -0.04 0.00	32.50 0.20 0.00	31.64 0.10 0.00	31.58 0.04 0.00	31.81 0.23 0.00	32.10 0.32 0.00	32.41 0.19 0.00	31.38 0.13 0.00	35.86 0.19 0.00	41.23 0.30 0.00	43.69 0.32 0.00	47.60 0.31 0.49	49.06 0.38 0.07	49.79 0.23 0.00	49.77 0.08 0.00	56.62 0.32 0.00	57.36 0.53 0.00	54.46 0.42 0.00	43.07 0.27 0.00	35.98 0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.15 1.29 0.00	30.93 1.14 0.00	28.12 1.03 0.00	28.74 0.95 0.00	30.80 0.92 0.00	32.97 0.67 0.00	32.32 0.78 0.00	32.54 1.00 0.00	32.71 1.13 0.00	32.98 1.20 0.00	33.62 1.40 0.00	32.67 1.42 0.00	37.43 1.59 -0.17	42.81 1.62 -0.26	45.23 1.75 -0.11	48.03 1.45 1.19	49.80 1.23 0.18	50.80 1.25 0.00	50.96 1.26 0.00	57.31 1.01 0.00	57.54 0.71 0.00	54.95 0.91 0.00	43.77 0.98 0.00	36.87 0.99 0.00
SWANROAD_115KV_TB1 355699	34.12 -0.74 0.00	29.01 -0.77 0.00	26.13 -0.96 0.00	26.49 -1.31 0.00	28.73 -1.15 0.00	30.92 -1.38 0.00	29.74 -1.80 0.00	29.29 -2.25 0.00	29.24 -2.35 0.00	29.59 -2.19 0.00	29.69 -2.53 0.00	28.85 -2.40 0.00	33.50 -2.17 0.00	38.70 -2.23 0.00	40.68 -2.69 0.00	40.65 -2.25 4.87	46.14 -1.84 0.79	47.98 -1.57 0.00	48.34 -1.35 0.00	54.92 -1.37 0.00	54.82 -2.01 0.00	51.25 -2.79 0.00	40.94 -1.86 0.00	34.49 -1.39 0.00
SYNERGY___BIOGAS 323694	35.50 0.64 0.00	30.16 0.37 0.00	27.19 0.10 0.00	27.62 -0.17 0.00	29.90 0.02 0.00	32.22 -0.08 0.00	31.21 -0.33 0.00	30.87 -0.68 0.00	30.71 -0.87 0.00	30.92 -0.86 0.00	31.07 -1.14 0.00	30.24 -1.00 0.00	35.67 0.00 0.00	40.64 -0.28 0.00	42.87 -0.51 0.00	42.86 -0.10 4.81	48.52 0.53 0.78	50.64 1.09 0.00	51.32 1.63 0.00	58.73 2.43 0.00	58.90 2.07 0.00	55.16 1.12 0.00	43.71 0.91 0.00	36.56 0.68 0.00
SYRACUSE___ENERGY_ST1 323597	34.72 -0.13 0.00	29.62 -0.16 0.00	26.96 -0.13 0.00	27.58 -0.22 0.00	29.64 -0.23 0.00	31.96 -0.33 0.00	31.24 -0.30 0.00	31.21 -0.34 0.00	31.14 -0.45 0.00	31.29 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.58 -0.35 0.00	43.12 -0.25 0.00	36.61 -0.76 10.40	46.50 -0.67 1.60	49.09 -0.46 0.00	49.59 -0.10 0.00	56.68 0.39 0.00	57.26 0.43 0.00	54.25 0.21 0.00	42.91 0.12 0.00	35.89 0.01 0.00
SYRACUSE___ENERGY_ST2 323598	34.72 -0.13 0.00	29.62 -0.16 0.00	26.96 -0.13 0.00	27.58 -0.22 0.00	29.64 -0.23 0.00	31.96 -0.33 0.00	31.24 -0.30 0.00	31.21 -0.34 0.00	31.14 -0.45 0.00	31.29 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.58 -0.35 0.00	43.12 -0.25 0.00	36.61 -0.76 10.40	46.50 -0.67 1.60	49.09 -0.46 0.00	49.59 -0.10 0.00	56.68 0.39 0.00	57.26 0.43 0.00	54.25 0.21 0.00	42.91 0.12 0.00	35.89 0.01 0.00
SYRACUSE___POWER 24017	34.67 -0.18 0.00	29.59 -0.19 0.00	26.92 -0.17 0.00	27.55 -0.24 0.00	29.60 -0.28 0.00	31.92 -0.37 0.00	31.18 -0.36 0.00	31.17 -0.38 0.00	31.11 -0.47 0.00	31.28 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.59 -0.34 0.00	43.10 -0.27 0.00	36.78 -0.76 10.23	46.57 -0.62 1.58	49.15 -0.40 0.00	49.60 -0.09 0.00	56.70 0.41 0.00	57.28 0.45 0.00	54.26 0.22 0.00	42.90 0.10 0.00	35.89 0.01 0.00
TALLMAN__138KV_BK151 55660	36.36 1.51 0.00	31.10 1.32 0.00	28.24 1.15 0.00	28.84 1.05 0.00	30.91 1.04 0.00	33.07 0.77 0.00	32.44 0.91 0.00	32.72 1.17 0.00	32.92 1.34 0.00	33.26 1.48 0.00	33.95 1.74 0.00	33.00 1.76 0.00	37.81 1.97 -0.18	43.23 2.02 -0.28	45.65 2.16 -0.11	48.47 1.86 1.15	50.16 1.58 0.18	51.12 1.57 0.00	51.24 1.55 0.00	57.48 1.19 0.00	57.68 0.85 0.00	55.12 1.08 0.00	43.98 1.18 0.00	37.07 1.19 0.00
TEALLAVE_115KV_TB7 355573	34.55 -0.31 0.00	29.49 -0.30 0.00	26.82 -0.27 0.00	27.44 -0.35 0.00	29.50 -0.38 0.00	31.81 -0.49 0.00	31.06 -0.48 0.00	31.04 -0.50 0.00	31.00 -0.58 0.00	31.19 -0.59 0.00	31.65 -0.57 0.00	30.74 -0.51 0.00	35.17 -0.49 0.00	40.46 -0.47 0.00	42.95 -0.42 0.00	36.77 -0.91 10.08	46.42 -0.79 1.55	48.96 -0.59 0.00	49.37 -0.32 0.00	56.38 0.08 0.00	56.95 0.12 0.00	53.96 -0.08 0.00	42.68 -0.11 0.00	35.71 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	34.71 -0.15 0.00	29.51 -0.28 0.00	26.58 -0.51 0.00	26.97 -0.83 0.00	29.24 -0.63 0.00	31.45 -0.84 0.00	30.36 -1.18 0.00	29.97 -1.58 0.00	29.92 -1.67 0.00	30.25 -1.53 0.00	30.35 -1.87 0.00	29.51 -1.73 0.00	34.26 -1.40 0.00	39.57 -1.36 0.00	41.69 -1.68 0.00	41.65 -1.28 4.85	47.23 -0.75 0.78	49.14 -0.41 0.00	49.57 -0.12 0.00	56.44 0.14 0.00	56.42 -0.41 0.00	52.78 -1.26 0.00	42.03 -0.76 0.00	35.31 -0.57 0.00
TEMPLE___115KV_TB 2 55572	34.54 -0.31 0.00	29.48 -0.30 0.00	26.82 -0.27 0.00	27.44 -0.35 0.00	29.50 -0.38 0.00	31.80 -0.49 0.00	31.06 -0.48 0.00	31.04 -0.51 0.00	31.00 -0.58 0.00	31.20 -0.59 0.00	31.65 -0.56 0.00	30.75 -0.49 0.00	35.19 -0.48 0.00	40.47 -0.46 0.00	42.97 -0.40 0.00	36.68 -0.91 10.18	46.41 -0.78 1.57	48.97 -0.58 0.00	49.39 -0.30 0.00	56.40 0.11 0.00	56.96 0.13 0.00	53.98 -0.06 0.00	42.68 -0.11 0.00	35.72 -0.16 0.00
TIANA____69_KV_BK 1 55817	37.12 2.27 0.00	31.76 1.97 0.00	28.71 1.62 0.00	29.29 1.50 0.00	31.32 1.45 0.00	33.51 1.22 0.00	32.74 1.20 0.00	33.07 1.52 0.00	33.31 1.73 0.00	33.93 2.15 0.00	35.30 3.02 -0.06	39.52 3.24 -5.03	43.02 3.36 -3.99	45.66 3.31 -1.42	46.56 3.07 -0.12	48.54 2.05 1.28	32.01 1.75 18.50	49.85 1.97 1.67	51.63 1.94 0.00	30.90 1.49 26.89	30.84 0.98 26.96	27.27 1.23 27.99	24.59 1.35 19.55	31.22 1.14 5.80

TILDEN___115KV_TB1 80814	34.67 -0.18 0.00	29.59 -0.19 0.00	26.92 -0.17 0.00	27.55 -0.24 0.00	29.60 -0.28 0.00	31.92 -0.37 0.00	31.18 -0.36 0.00	31.17 -0.38 0.00	31.11 -0.47 0.00	31.28 -0.50 0.00	31.75 -0.47 0.00	30.83 -0.41 0.00	35.28 -0.39 0.00	40.59 -0.34 0.00	43.10 -0.27 0.00	36.78 -0.76 10.23	46.57 -0.62 1.58	49.15 -0.40 0.00	49.60 -0.09 0.00	56.70 0.41 0.00	57.28 0.45 0.00	54.26 0.22 0.00	42.90 0.10 0.00	35.89 0.01 0.00
TRIGEN___CC 323695	36.76 1.91 0.00	31.43 1.64 0.00	28.48 1.39 0.00	29.08 1.29 0.00	31.14 1.26 0.00	33.31 1.01 0.00	32.61 1.07 0.00	32.91 1.36 0.00	33.14 1.55 0.00	33.60 1.81 0.00	34.66 2.38 -0.06	38.71 2.43 -5.04	48.40 2.68 -10.06	45.00 2.65 -1.42	46.12 2.63 -0.12	48.53 1.87 1.11	47.07 1.39 3.08	50.96 1.41 0.00	51.02 1.33 0.00	52.71 0.85 4.43	52.34 0.39 4.88	50.35 0.72 4.40	40.73 1.01 3.08	36.06 1.08 0.91
TRINITY__115KV__4 BK 55933	35.27 0.42 0.00	30.40 0.61 0.00	27.81 0.72 0.00	28.49 0.69 0.00	30.54 0.67 0.00	32.71 0.42 0.00	31.99 0.45 0.00	31.98 0.44 0.00	31.89 0.31 0.00	31.99 0.20 0.00	32.41 0.20 0.00	31.28 0.03 0.00	35.36 -0.15 0.15	40.42 -0.27 0.24	43.03 -0.24 0.10	46.37 -0.60 0.80	47.86 -0.78 0.12	48.81 -0.73 0.00	49.10 -0.59 0.00	55.51 -0.79 0.00	56.06 -0.77 0.00	53.56 -0.48 0.00	42.43 -0.36 0.00	35.75 -0.13 0.00
UNION___PROCESSING_DRP 323587	34.91 0.06 0.00	29.72 -0.07 0.00	26.89 -0.20 0.00	27.41 -0.39 0.00	29.58 -0.29 0.00	31.86 -0.44 0.00	31.00 -0.54 0.00	30.82 -0.72 0.00	30.82 -0.76 0.00	31.15 -0.64 0.00	31.48 -0.73 0.00	30.61 -0.63 0.00	35.22 -0.45 0.00	40.75 -0.17 0.00	43.17 -0.20 0.00	42.84 -0.21 4.73	48.27 0.28 0.77	50.20 0.65 0.00	50.65 0.96 0.00	57.77 1.47 0.00	57.97 1.14 0.00	54.53 0.49 0.00	43.14 0.35 0.00	36.09 0.21 0.00
UPPER HUDSON___HYD 24058	36.37 1.51 0.00	31.14 1.35 0.00	28.39 1.30 0.00	29.06 1.26 0.00	31.18 1.30 0.00	33.47 1.17 0.00	32.80 1.26 0.00	32.73 1.18 0.00	32.50 0.91 0.00	32.44 0.65 0.00	32.59 0.37 0.00	31.66 0.42 0.00	35.77 0.27 0.17	40.98 0.31 0.26	43.72 0.46 0.11	47.37 0.38 0.78	49.18 0.54 0.12	50.56 1.01 0.00	51.44 1.75 0.00	58.66 2.36 0.00	59.39 2.56 0.00	56.52 2.48 0.00	44.38 1.58 0.00	37.49 1.61 0.00
UPPER RAQUET___HYD 24056	35.49 0.64 0.00	30.23 0.44 0.00	27.31 0.22 0.00	28.23 0.44 0.00	30.50 0.63 0.00	33.24 0.94 0.00	32.35 0.81 0.00	32.26 0.71 0.00	32.35 0.77 0.00	32.60 0.82 0.00	32.85 0.64 0.00	31.75 0.50 0.00	36.31 0.64 0.00	41.77 0.84 0.00	44.28 0.90 0.00	46.75 0.69 1.71	49.02 0.52 0.26	49.90 0.35 0.00	50.04 0.35 0.00	57.41 1.11 0.00	58.62 1.80 0.00	56.12 2.08 0.00	44.38 1.58 0.00	36.80 0.92 0.00
VALLEY44_115KV_TB2 355964	34.66 -0.19 0.00	29.45 -0.33 0.00	26.60 -0.49 0.00	27.02 -0.77 0.00	29.20 -0.67 0.00	31.38 -0.92 0.00	30.48 -1.06 0.00	30.33 -1.21 0.00	30.41 -1.17 0.00	30.78 -1.00 0.00	31.03 -1.19 0.00	30.12 -1.12 0.00	34.81 -0.86 0.00	40.04 -0.89 0.00	42.13 -1.24 0.00	41.71 -0.86 5.19	47.64 -0.29 0.83	49.08 -0.47 0.00	49.49 -0.20 0.00	56.30 0.01 0.00	56.45 -0.38 0.00	53.00 -1.03 0.00	42.28 -0.52 0.00	35.66 -0.22 0.00
VALLEY___115KV_TB 1-4 80826	35.21 0.36 0.00	30.25 0.46 0.00	27.64 0.55 0.00	28.27 0.47 0.00	30.32 0.45 0.00	32.59 0.29 0.00	31.86 0.32 0.00	31.65 0.10 0.00	31.38 -0.21 0.00	31.40 -0.38 0.00	31.82 -0.39 0.00	30.91 -0.33 0.00	35.15 -0.51 0.00	40.30 -0.63 0.00	42.69 -0.67 0.00	46.06 -0.75 0.95	47.79 -0.83 0.15	48.96 -0.59 0.00	49.64 -0.05 0.00	56.61 0.32 0.00	57.26 0.43 0.00	54.52 0.48 0.00	42.99 0.19 0.00	36.11 0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.04 1.19 0.00	30.78 1.00 0.00	28.09 1.00 0.00	28.72 0.93 0.00	30.82 0.95 0.00	33.14 0.84 0.00	32.36 0.82 0.00	32.34 0.80 0.00	32.47 0.88 0.00	32.74 0.95 0.00	33.26 1.04 0.00	32.39 1.15 0.00	37.08 1.42 0.00	42.44 1.51 0.00	44.92 1.55 0.00	46.21 1.52 3.09	49.91 1.63 0.48	51.27 1.72 0.00	51.61 1.92 0.00	58.57 2.28 0.00	58.90 2.06 0.00	55.90 1.86 0.00	44.20 1.41 0.00	37.02 1.14 0.00
VISCHER___FERRY HYD 24020	35.88 1.02 0.00	30.87 1.09 0.00	28.20 1.11 0.00	28.87 1.07 0.00	30.95 1.08 0.00	33.18 0.88 0.00	32.46 0.92 0.00	32.41 0.86 0.00	32.28 0.69 0.00	32.34 0.56 0.00	32.75 0.53 0.00	31.73 0.49 0.00	35.85 0.41 0.23	40.97 0.40 0.36	43.67 0.44 0.15	47.15 0.17 0.78	48.69 0.05 0.12	49.75 0.20 0.00	50.13 0.43 0.00	56.78 0.49 0.00	57.44 0.60 0.00	54.84 0.80 0.00	43.38 0.59 0.00	36.62 0.74 0.00
V_A_10_SYNC_DSASP 323832	34.37 -0.49 0.00	29.25 -0.54 0.00	26.38 -0.71 0.00	26.81 -0.98 0.00	29.02 -0.86 0.00	31.17 -1.13 0.00	30.13 -1.41 0.00	29.80 -1.74 0.00	29.85 -1.74 0.00	30.25 -1.53 0.00	30.43 -1.79 0.00	29.56 -1.68 0.00	34.21 -1.46 0.00	39.53 -1.40 0.00	41.62 -1.75 0.00	41.44 -1.67 4.65	46.90 -1.11 0.75	48.74 -0.82 0.00	49.09 -0.60 0.00	55.83 -0.47 0.00	55.82 -1.01 0.00	52.30 -1.73 0.00	41.66 -1.14 0.00	35.06 -0.82 0.00
V_CMM_10_SYNC_DSASP 323787	34.91 0.06 0.00	29.77 -0.02 0.00	26.92 -0.17 0.00	27.80 0.01 0.00	30.01 0.13 0.00	32.69 0.40 0.00	31.81 0.27 0.00	31.76 0.21 0.00	31.98 0.39 0.00	32.27 0.49 0.00	32.58 0.37 0.00	31.53 0.29 0.00	36.05 0.38 0.00	41.45 0.52 0.00	43.93 0.56 0.00	47.76 0.59 0.60	49.32 0.65 0.09	50.06 0.50 0.00	50.04 0.35 0.00	56.96 0.66 0.00	57.72 0.88 0.00	54.80 0.76 0.00	43.33 0.53 0.00	36.19 0.31 0.00
V_CMP_10_SYNC_DSASP 323788	35.94 1.08 0.00	30.67 0.89 0.00	27.67 0.58 0.00	28.38 0.58 0.00	30.61 0.73 0.00	33.37 1.07 0.00	32.63 1.09 0.00	32.72 1.18 0.00	32.79 1.20 0.00	33.06 1.27 0.00	33.34 1.12 0.00	32.21 0.97 0.00	36.60 0.93 0.00	41.95 1.02 0.00	44.21 0.84 0.00	47.91 0.73 0.59	49.51 0.84 0.09	50.39 0.85 0.00	50.22 0.53 0.00	57.31 1.01 0.00	58.11 1.28 0.00	55.32 1.28 0.00	43.66 0.87 0.00	36.57 0.69 0.00
V_D_10_SYNC_DSASP 323841	35.13 0.28 0.00	29.95 0.17 0.00	27.08 -0.01 0.00	27.98 0.19 0.00	30.21 0.34 0.00	32.91 0.61 0.00	32.03 0.49 0.00	31.98 0.44 0.00	32.19 0.60 0.00	32.48 0.69 0.00	32.77 0.56 0.00	31.70 0.46 0.00	36.25 0.59 0.00	41.69 0.76 0.00	44.19 0.82 0.00	47.83 0.83 0.77	49.51 0.87 0.12	50.22 0.67 0.00	50.23 0.54 0.00	57.25 0.95 0.00	58.12 1.29 0.00	55.29 1.25 0.00	43.73 0.93 0.00	36.48 0.60 0.00
V_E_10_SYNC_DSASP 323830	37.16 2.30 0.00	31.70 1.92 0.00	28.84 1.75 0.00	29.49 1.69 0.00	31.48 1.61 0.00	33.96 1.67 0.00	33.31 1.77 0.00	34.49 2.95 0.00	34.05 2.46 0.00	33.92 2.14 0.00	34.31 2.09 0.00	33.17 1.93 0.00	38.08 2.42 0.00	43.48 2.52 -0.04	46.21 2.82 -0.02	45.68 3.00 5.10	51.43 3.45 0.79	53.40 3.85 0.00	54.11 4.42 0.00	62.29 6.00 0.00	62.69 5.86 0.00	58.83 4.79 0.00	45.89 3.10 0.00	37.93 2.05 0.00

V_F_30_NSYNC___DSASP 323816	36.33 1.48 0.00	31.17 1.38 0.00	28.43 1.34 0.00	29.10 1.30 0.00	31.23 1.37 0.00	33.52 1.23 0.00	32.81 1.28 0.00	32.73 1.19 0.00	32.55 0.97 0.00	32.57 0.79 0.00	32.91 0.69 0.00	31.94 0.70 0.00	36.18 0.69 0.18	41.45 0.80 0.28	44.18 0.92 0.11	47.83 0.83 0.78	49.52 0.87 0.12	50.73 1.18 0.00	51.32 1.62 0.00	58.30 2.00 0.00	58.91 2.08 0.00	56.12 2.08 0.00	44.28 1.49 0.00	37.31 1.43 0.00
V_F_30_SYNC_DSASP 323786	35.42 0.56 0.00	30.49 0.71 0.00	27.90 0.81 0.00	28.57 0.78 0.00	30.64 0.77 0.00	32.82 0.52 0.00	32.11 0.57 0.00	32.10 0.56 0.00	32.02 0.44 0.00	32.11 0.33 0.00	32.54 0.33 0.00	31.41 0.17 0.00	35.55 0.04 0.16	40.64 -0.04 0.24	43.29 0.02 0.10	46.69 -0.28 0.80	48.24 -0.40 0.12	49.21 -0.34 0.00	49.52 -0.18 0.00	55.99 -0.31 0.00	56.51 -0.32 0.00	53.94 -0.10 0.00	42.73 -0.07 0.00	35.97 0.09 0.00
V_XM_10_SYNC_DSASP 323789	35.94 1.08 0.00	30.67 0.89 0.00	27.67 0.58 0.00	28.38 0.58 0.00	30.61 0.73 0.00	33.37 1.07 0.00	32.63 1.09 0.00	32.72 1.18 0.00	32.79 1.20 0.00	33.06 1.27 0.00	33.34 1.12 0.00	32.21 0.97 0.00	36.60 0.93 0.00	41.95 1.02 0.00	44.21 0.84 0.00	47.91 0.73 0.59	49.51 0.84 0.09	50.39 0.85 0.00	50.22 0.53 0.00	57.31 1.01 0.00	58.11 1.28 0.00	55.32 1.28 0.00	43.66 0.87 0.00	36.57 0.69 0.00
W.BABYLN_69_KV_BK1 56697	37.34 2.48 0.00	31.89 2.11 0.00	28.86 1.77 0.00	29.45 1.65 0.00	31.50 1.63 0.00	33.71 1.41 0.00	32.95 1.41 0.00	33.26 1.71 0.00	33.50 1.92 0.00	34.04 2.25 0.00	35.29 3.01 -0.06	39.42 3.15 -5.03	44.12 3.33 -5.12	45.66 3.31 -1.42	46.63 3.14 -0.12	48.73 2.17 1.21	34.31 1.65 16.10	49.98 1.71 1.29	51.40 1.71 0.00	34.01 1.25 23.54	34.04 0.86 23.65	30.77 1.21 24.48	27.11 1.41 17.10	32.24 1.43 5.07
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.46 1.61 0.00	31.20 1.42 0.00	28.34 1.25 0.00	28.95 1.16 0.00	31.02 1.15 0.00	33.19 0.90 0.00	32.56 1.02 0.00	32.83 1.28 0.00	33.04 1.45 0.00	33.38 1.60 0.00	34.06 1.85 0.00	33.11 1.86 0.00	37.94 2.09 -0.18	43.38 2.16 -0.28	45.81 2.33 -0.12	48.66 2.03 1.15	50.35 1.76 0.18	51.32 1.77 0.00	51.44 1.75 0.00	57.70 1.41 0.00	57.90 1.07 0.00	55.30 1.26 0.00	44.11 1.31 0.00	37.17 1.29 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.69 1.84 0.00	31.44 1.65 0.00	28.55 1.47 0.00	29.15 1.36 0.00	31.23 1.36 0.00	33.39 1.10 0.00	32.82 1.28 0.00	33.16 1.61 0.00	33.40 1.82 0.00	33.76 1.97 0.00	34.44 2.23 0.00	33.50 2.26 0.00	38.38 2.52 -0.20	43.86 2.63 -0.30	46.29 2.79 -0.12	49.09 2.44 1.11	50.62 2.04 0.17	51.49 1.94 0.00	51.53 1.84 0.00	57.72 1.42 0.00	57.79 0.96 0.00	55.27 1.23 0.00	44.25 1.46 0.00	37.34 1.46 0.00
W50THST__13_KV_LOAD 356117	36.92 2.07 0.00	31.63 1.85 0.00	28.73 1.64 0.00	29.33 1.54 0.00	31.43 1.56 0.00	33.59 1.30 0.00	33.07 1.53 0.00	33.43 1.88 0.00	33.68 2.10 0.00	34.06 2.27 0.00	34.75 2.53 0.00	33.80 2.56 0.00	38.73 2.87 -0.20	44.27 3.04 -0.30	46.71 3.21 -0.12	49.56 2.90 1.11	51.05 2.46 0.17	51.83 2.28 0.00	51.86 2.17 0.00	58.05 1.76 0.00	58.10 1.27 0.00	55.55 1.51 0.00	44.48 1.69 0.00	37.57 1.68 0.00
WADING RIVER_IC_1 23522	36.58 1.72 0.00	31.31 1.53 0.00	28.30 1.21 0.00	28.89 1.09 0.00	30.88 1.01 0.00	33.04 0.74 0.00	32.26 0.72 0.00	32.57 1.03 0.00	32.81 1.22 0.00	33.38 1.60 0.00	34.70 2.43 -0.06	38.91 2.63 -5.03	42.24 2.59 -3.99	44.77 2.43 -1.42	45.63 2.13 -0.12	47.47 0.98 1.27	30.90 0.64 18.50	48.83 0.92 1.65	50.62 0.93 0.00	29.77 0.38 26.90	29.79 -0.06 26.98	26.27 0.24 28.00	23.86 0.63 19.56	30.64 0.57 5.80
WADING RIVER_IC_2 23547	36.58 1.72 0.00	31.31 1.53 0.00	28.30 1.21 0.00	28.89 1.09 0.00	30.88 1.01 0.00	33.04 0.74 0.00	32.26 0.72 0.00	32.57 1.03 0.00	32.81 1.22 0.00	33.38 1.60 0.00	34.70 2.43 -0.06	38.91 2.63 -5.03	42.24 2.59 -3.99	44.77 2.43 -1.42	45.63 2.13 -0.12	47.47 0.98 1.27	30.90 0.64 18.50	48.83 0.92 1.65	50.62 0.93 0.00	29.77 0.38 26.90	29.79 -0.06 26.98	26.27 0.24 28.00	23.86 0.63 19.56	30.64 0.57 5.80
WADING RIVER_IC_3 23601	36.58 1.72 0.00	31.31 1.53 0.00	28.30 1.21 0.00	28.89 1.09 0.00	30.88 1.01 0.00	33.04 0.74 0.00	32.26 0.72 0.00	32.57 1.03 0.00	32.81 1.22 0.00	33.38 1.60 0.00	34.70 2.43 -0.06	38.91 2.63 -5.03	42.24 2.59 -3.99	44.77 2.43 -1.42	45.63 2.13 -0.12	47.47 0.98 1.27	30.90 0.64 18.50	48.83 0.92 1.65	50.62 0.93 0.00	29.77 0.38 26.90	29.79 -0.06 26.98	26.27 0.24 28.00	23.86 0.63 19.56	30.64 0.57 5.80
WALDENNY_12_KV_BK2 80841	34.81 -0.04 0.00	29.58 -0.21 0.00	26.64 -0.45 0.00	27.01 -0.79 0.00	29.25 -0.62 0.00	31.47 -0.82 0.00	30.42 -1.12 0.00	30.07 -1.48 0.00	30.11 -1.47 0.00	30.54 -1.25 0.00	30.73 -1.49 0.00	29.92 -1.33 0.00	34.71 -0.96 0.00	40.15 -0.78 0.00	42.30 -1.07 0.00	42.17 -0.61 4.99	48.06 0.10 0.80	49.88 0.33 0.00	50.25 0.56 0.00	57.13 0.83 0.00	57.07 0.24 0.00	53.27 -0.77 0.00	42.37 -0.42 0.00	35.57 -0.31 0.00
WALDEN___HYDRO 24148	36.31 1.46 0.00	31.06 1.27 0.00	28.25 1.16 0.00	28.87 1.07 0.00	30.93 1.06 0.00	33.10 0.80 0.00	32.47 0.93 0.00	32.69 1.15 0.00	32.85 1.27 0.00	33.13 1.35 0.00	33.76 1.55 0.00	32.80 1.56 0.00	37.56 1.74 -0.15	42.96 1.79 -0.24	45.43 1.96 -0.10	48.33 1.71 1.15	50.11 1.52 0.18	51.17 1.62 0.00	51.34 1.65 0.00	57.72 1.43 0.00	57.98 1.14 0.00	55.34 1.30 0.00	44.05 1.25 0.00	37.08 1.20 0.00
WARRENSBURG____ 23737	36.37 1.51 0.00	31.14 1.35 0.00	28.39 1.30 0.00	29.06 1.26 0.00	31.18 1.30 0.00	33.47 1.17 0.00	32.80 1.26 0.00	32.73 1.18 0.00	32.50 0.91 0.00	32.44 0.65 0.00	32.59 0.37 0.00	31.66 0.42 0.00	35.77 0.27 0.17	40.98 0.31 0.26	43.72 0.46 0.11	47.37 0.38 0.78	49.18 0.54 0.12	50.56 1.01 0.00	51.44 1.75 0.00	58.66 2.36 0.00	59.39 2.56 0.00	56.52 2.48 0.00	44.38 1.58 0.00	37.50 1.61 0.00
WATERSIDE___6 8 9 23538	36.59 1.74 0.00	31.43 1.64 0.00	28.50 1.41 0.00	29.09 1.29 0.00	31.16 1.28 0.00	33.26 0.96 0.00	32.74 1.20 0.00	33.11 1.56 0.00	33.38 1.80 0.00	33.73 1.94 0.00	34.41 2.19 0.00	33.48 2.24 0.00	38.38 2.52 -0.20	43.79 2.56 -0.30	46.24 2.74 -0.12	48.94 2.28 1.11	50.31 1.73 0.17	51.11 1.57 0.00	51.11 1.41 0.00	57.13 0.84 0.00	54.95 0.41 2.30	47.78 0.73 6.99	44.05 1.26 0.00	37.16 1.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.09 0.23 0.00	30.10 0.31 0.00	27.48 0.39 0.00	28.13 0.34 0.00	30.18 0.30 0.00	32.46 0.17 0.00	31.73 0.19 0.00	31.59 0.05 0.00	31.40 -0.18 0.00	31.47 -0.32 0.00	31.90 -0.31 0.00	30.97 -0.28 0.00	35.25 -0.42 0.00	40.42 -0.50 0.00	42.83 -0.54 0.00	46.18 -0.64 0.95	47.91 -0.70 0.15	49.02 -0.53 0.00	49.54 -0.15 0.00	56.41 0.11 0.00	57.02 0.19 0.00	54.27 0.23 0.00	42.87 0.07 0.00	35.98 0.10 0.00

WDELAWARE___HYD 323627	35.56 0.71 0.00	30.39 0.60 0.00	27.62 0.53 0.00	28.23 0.44 0.00	30.25 0.38 0.00	32.41 0.12 0.00	31.78 0.24 0.00	32.00 0.45 0.00	32.13 0.55 0.00	32.46 0.68 0.00	32.98 0.76 0.00	32.07 0.83 0.00	36.71 0.92 -0.12	42.11 1.00 -0.19	44.58 1.13 -0.07	46.99 0.94 1.72	49.34 0.79 0.21	50.51 0.96 0.00	50.79 1.10 0.00	57.22 0.92 0.00	57.44 0.61 0.00	54.73 0.69 0.00	43.46 0.67 0.00	36.52 0.64 0.00
WEST BABYLON___IC 23714	37.34 2.48 0.00	31.89 2.11 0.00	28.86 1.77 0.00	29.45 1.65 0.00	31.50 1.63 0.00	33.71 1.41 0.00	32.95 1.41 0.00	33.26 1.71 0.00	33.50 1.92 0.00	34.04 2.25 0.00	35.29 3.01 -0.06	39.42 3.15 -5.03	44.12 3.33 -5.12	45.66 3.31 -1.42	46.63 3.14 -0.12	48.73 2.17 1.21	34.31 1.65 16.10	49.98 1.71 1.29	51.40 1.71 0.00	34.01 1.25 23.54	34.04 0.86 23.65	30.77 1.21 24.48	27.11 1.41 17.10	32.24 1.43 5.07
WEST CANADA___HYD 24049	34.95 0.10 0.00	29.91 0.12 0.00	27.24 0.15 0.00	27.91 0.12 0.00	29.99 0.11 0.00	32.33 0.03 0.00	31.57 0.03 0.00	31.58 0.03 0.00	31.59 0.00 0.00	31.76 -0.03 0.00	32.21 -0.01 0.00	31.23 -0.02 0.00	35.63 -0.04 0.00	40.84 -0.08 0.00	43.31 -0.06 0.00	46.63 -0.19 0.95	48.37 -0.24 0.15	49.36 -0.19 0.00	49.59 -0.10 0.00	56.25 -0.04 0.00	56.77 -0.06 0.00	54.02 -0.02 0.00	42.76 -0.03 0.00	35.86 -0.02 0.00
WESTERN_NY_WIND 24143	35.46 0.60 0.00	30.13 0.34 0.00	27.16 0.07 0.00	27.58 -0.21 0.00	29.86 -0.02 0.00	32.18 -0.12 0.00	31.16 -0.37 0.00	30.81 -0.73 0.00	30.66 -0.92 0.00	30.87 -0.91 0.00	31.01 -1.21 0.00	30.18 -1.06 0.00	35.66 -0.01 0.00	40.58 -0.35 0.00	42.78 -0.59 0.00	42.75 -0.20 4.82	48.42 0.45 0.78	50.54 0.99 0.00	51.22 1.53 0.00	58.61 2.31 0.00	58.78 1.94 0.00	55.04 1.01 0.00	43.62 0.83 0.00	36.49 0.61 0.00
WESTOVER___LESR 323668	34.93 0.08 0.00	29.83 0.05 0.00	27.16 0.08 0.00	27.75 -0.05 0.00	29.80 -0.08 0.00	32.09 -0.20 0.00	31.33 -0.21 0.00	31.30 -0.25 0.00	31.27 -0.31 0.00	31.46 -0.32 0.00	31.94 -0.27 0.00	31.05 -0.19 0.00	35.58 -0.09 0.00	40.85 -0.07 0.00	43.26 -0.11 0.00	41.19 -0.28 6.31	47.73 -0.05 0.98	49.56 0.01 0.00	49.95 0.26 0.00	56.86 0.56 0.00	57.37 0.54 0.00	54.25 0.21 0.00	42.98 0.18 0.00	36.01 0.13 0.00
WETHRSFD_WT_PWR 323626	34.67 -0.18 0.00	29.46 -0.32 0.00	26.57 -0.52 0.00	26.89 -0.91 0.00	29.12 -0.75 0.00	31.40 -0.90 0.00	30.45 -1.09 0.00	30.05 -1.49 0.00	29.88 -1.70 0.00	30.20 -1.58 0.00	30.42 -1.80 0.00	29.53 -1.72 0.00	34.12 -1.55 0.00	39.36 -1.56 0.00	41.59 -1.78 0.00	41.04 -1.41 5.31	47.05 -0.86 0.85	48.90 -0.66 0.00	49.43 -0.26 0.00	56.48 0.19 0.00	56.79 -0.05 0.00	53.06 -0.98 0.00	42.10 -0.70 0.00	35.35 -0.53 0.00
WHAVSTOR_138KV_BK127 55557	36.30 1.44 0.00	31.07 1.28 0.00	28.23 1.14 0.00	28.84 1.05 0.00	30.89 1.02 0.00	33.04 0.75 0.00	32.42 0.88 0.00	32.68 1.14 0.00	32.89 1.31 0.00	33.30 1.51 0.00	33.97 1.76 0.00	33.03 1.79 0.00	37.85 1.99 -0.18	43.26 2.04 -0.29	45.68 2.20 -0.12	48.51 1.88 1.15	50.17 1.59 0.18	51.13 1.58 0.00	51.25 1.56 0.00	57.49 1.19 0.00	57.68 0.85 0.00	55.12 1.08 0.00	43.98 1.19 0.00	37.09 1.21 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.30 1.44 0.00	31.07 1.28 0.00	28.23 1.14 0.00	28.84 1.05 0.00	30.89 1.02 0.00	33.04 0.75 0.00	32.42 0.88 0.00	32.68 1.14 0.00	32.89 1.31 0.00	33.30 1.51 0.00	33.97 1.76 0.00	33.03 1.79 0.00	37.85 1.99 -0.18	43.26 2.04 -0.29	45.68 2.20 -0.12	48.51 1.88 1.15	50.17 1.59 0.18	51.13 1.58 0.00	51.25 1.56 0.00	57.49 1.19 0.00	57.68 0.85 0.00	55.12 1.08 0.00	43.98 1.19 0.00	37.09 1.21 0.00
WHITEHAL_115KV_TB1 80871	37.46 2.61 0.00	31.94 2.15 0.00	29.07 1.99 0.00	29.73 1.94 0.00	31.90 2.02 0.00	34.16 1.86 0.00	33.56 2.02 0.00	33.47 1.92 0.00	33.06 1.48 0.00	32.78 1.00 0.00	32.93 0.71 0.00	32.06 0.82 0.00	36.16 0.67 0.17	41.52 0.86 0.27	44.20 0.94 0.11	47.97 0.97 0.78	49.93 1.29 0.12	51.57 2.01 0.00	52.19 2.50 0.00	60.27 3.97 0.00	61.09 4.26 0.00	58.28 4.24 0.00	45.59 2.80 0.00	38.88 2.99 0.00
WHITEPLN_13_KV_LOAD 356215	36.85 2.00 0.00	31.55 1.77 0.00	28.66 1.57 0.00	29.27 1.47 0.00	31.35 1.48 0.00	33.54 1.25 0.00	32.95 1.41 0.00	33.25 1.71 0.00	33.48 1.89 0.00	33.82 2.04 0.00	34.52 2.31 0.00	33.58 2.34 0.00	38.49 2.63 -0.20	44.02 2.79 -0.30	46.48 2.99 -0.12	49.36 2.70 1.11	51.01 2.42 0.17	51.97 2.42 0.00	52.08 2.39 0.00	58.39 2.09 0.00	58.48 1.65 0.00	55.87 1.83 0.00	44.59 1.79 0.00	37.57 1.69 0.00
WM_FLOYD_69_KV_BK2 356380	36.92 2.07 0.00	31.60 1.81 0.00	28.55 1.46 0.00	29.14 1.35 0.00	31.17 1.30 0.00	33.34 1.05 0.00	32.56 1.02 0.00	32.87 1.32 0.00	33.08 1.50 0.00	33.65 1.86 0.00	34.97 2.69 -0.06	39.17 2.89 -5.03	42.63 2.96 -4.01	45.19 2.84 -1.42	46.08 2.59 -0.12	48.03 1.54 1.29	31.43 1.18 18.51	49.13 1.35 1.77	51.05 1.36 0.00	30.40 0.95 26.84	30.42 0.50 26.91	26.91 0.80 27.93	24.35 1.07 19.51	31.02 0.92 5.79
WOODARD__115KV_TB2 355635	34.49 -0.36 0.00	29.44 -0.34 0.00	26.78 -0.31 0.00	27.41 -0.39 0.00	29.47 -0.41 0.00	31.78 -0.52 0.00	31.03 -0.51 0.00	31.01 -0.54 0.00	30.97 -0.61 0.00	31.16 -0.63 0.00	31.60 -0.61 0.00	30.69 -0.55 0.00	35.11 -0.56 0.00	40.38 -0.54 0.00	42.87 -0.50 0.00	36.40 -1.02 10.35	46.25 -0.92 1.59	48.82 -0.73 0.00	49.22 -0.48 0.00	56.20 -0.09 0.00	56.79 -0.04 0.00	53.83 -0.21 0.00	42.58 -0.22 0.00	35.63 -0.25 0.00
WOODMERE_69_KV_BK1 55827	37.23 2.37 0.00	31.81 2.02 0.00	28.81 1.72 0.00	29.41 1.62 0.00	31.48 1.60 0.00	33.67 1.37 0.00	32.88 1.34 0.00	33.08 1.54 0.00	33.31 1.73 0.00	33.82 2.03 0.00	34.94 2.66 -0.06	39.03 2.75 -5.04	57.66 3.21 -18.78	45.72 3.37 -1.42	46.87 3.37 -0.12	49.39 2.74 1.11	50.59 2.18 0.36	51.78 2.23 0.00	51.81 2.12 0.00	57.72 1.70 0.27	57.14 1.16 0.86	55.57 1.53 0.00	44.49 1.70 0.00	37.50 1.62 0.00
YORK___WARBASSE 23770	36.75 1.90 0.00	31.52 1.74 0.00	28.57 1.48 0.00	29.16 1.37 0.00	31.22 1.35 0.00	33.35 1.06 0.00	32.82 1.28 0.00	33.18 1.63 0.00	33.41 1.82 0.00	33.74 1.96 0.00	34.43 2.22 0.00	33.51 2.27 0.00	38.45 2.58 -0.20	43.88 2.64 -0.30	46.34 2.85 -0.12	49.07 2.41 1.11	50.49 1.90 0.17	51.36 1.81 0.00	51.35 1.65 0.00	57.48 1.19 0.00	57.66 0.83 0.00	55.15 1.11 0.00	44.34 1.55 0.00	37.35 1.47 0.00