

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/01/2025

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	36.88	35.72	30.97	29.97	29.71	34.35	35.50	33.71	55.26	36.81	38.20	38.15	36.14	32.41	29.68	25.68	27.16	31.98	38.91	51.02	55.88	49.92	44.76	44.85
24138	2.26	2.16	1.79	1.67	1.69	1.98	2.26	2.26	1.69	2.60	2.79	2.70	2.49	2.18	2.01	1.74	1.83	1.84	1.88	1.86	1.94	1.84	2.05	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.91	35.78	31.05	30.04	29.77	34.39	35.53	33.70	55.20	36.81	38.18	38.13	36.11	32.38	29.67	25.67	27.16	32.00	38.98	51.17	56.06	50.09	44.87	44.94
24260	2.29	2.21	1.87	1.75	1.75	2.03	2.28	2.25	1.69	2.60	2.76	2.68	2.45	2.16	2.00	1.73	1.83	1.86	1.95	2.00	2.12	2.01	2.16	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.91	35.78	31.05	30.04	29.77	34.39	35.53	33.70	55.20	36.81	38.18	38.13	36.11	32.38	29.67	25.67	27.16	32.00	38.98	51.17	56.06	50.09	44.87	44.94
24261	2.29	2.21	1.87	1.75	1.75	2.03	2.28	2.25	1.69	2.60	2.76	2.68	2.45	2.16	2.00	1.73	1.83	1.86	1.95	2.00	2.12	2.01	2.16	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-29.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.57	35.23	30.60	29.71	29.52	34.05	35.00	33.07	29.22	35.37	36.25	36.17	34.19	30.64	28.13	24.46	26.04	31.27	38.68	51.43	56.50	50.38	44.63	44.82
24011	1.95	1.66	1.42	1.42	1.49	1.69	1.75	1.61	0.94	1.16	0.84	0.72	0.53	0.41	0.46	0.53	0.70	1.14	1.65	2.26	2.56	2.30	1.92	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.85	35.39	30.72	29.82	29.64	34.24	35.20	33.24	29.28	35.42	36.30	36.20	34.20	30.66	28.18	24.56	26.14	31.47	38.87	51.76	56.79	50.66	44.85	45.04
23798	2.23	1.83	1.55	1.52	1.61	1.87	1.95	1.78	1.02	1.21	0.88	0.75	0.54	0.43	0.51	0.62	0.81	1.33	1.84	2.59	2.86	2.58	2.15	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	36.57	35.23	30.60	29.71	29.52	34.05	35.00	33.07	29.22	35.37	36.25	36.17	34.19	30.64	28.13	24.46	26.04	31.27	38.68	51.43	56.50	50.38	44.63	44.82
24028	1.95	1.66	1.42	1.42	1.49	1.69	1.75	1.61	0.94	1.16	0.84	0.72	0.53	0.41	0.46	0.53	0.70	1.14	1.65	2.26	2.56	2.30	1.92	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	36.20	34.97	30.41	29.55	29.34	33.73	34.65	32.92	30.18	35.59	36.57	36.33	34.34	30.81	28.25	24.42	25.84	30.91	37.83	50.22	55.31	49.42	43.88	44.07
23527	1.58	1.40	1.23	1.25	1.31	1.36	1.40	1.47	0.95	1.38	1.16	0.88	0.69	0.58	0.58	0.48	0.50	0.77	0.80	1.05	1.38	1.34	1.17	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	34.86	33.79	29.47	28.66	28.43	32.67	33.49	31.80	28.84	34.48	35.52	35.40	33.59	30.15	27.54	23.85	25.29	30.09	36.86	48.83	53.60	47.84	42.50	42.70
24190	0.25	0.23	0.29	0.37	0.40	0.30	0.24	0.35	0.21	0.27	0.10	-0.05	-0.07	-0.08	-0.14	-0.08	-0.05	-0.04	-0.17	-0.33	-0.34	-0.25	-0.20	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	34.81	33.79	29.37	28.43	28.09	32.48	33.37	31.55	23.85	34.33	35.69	35.84	34.06	30.61	28.04	24.22	25.59	30.49	37.57	50.10	55.02	49.01	43.39	43.85
355683	0.19	0.22	0.19	0.13	0.06	0.12	0.13	0.09	0.13	0.12	0.27	0.39	0.41	0.38	0.37	0.28	0.26	0.36	0.54	0.93	1.08	0.93	0.69	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.61	34.52	30.06	29.23	29.00	33.35	34.18	32.28	28.71	35.01	35.93	35.74	33.75	30.28	27.67	23.95	25.42	30.30	37.45	49.92	54.89	48.90	43.45	43.66
323833	0.99	0.95	0.88	0.93	0.97	0.99	0.92	0.82	0.59	0.80	0.51	0.29	0.09	0.05	0.00	0.01	0.08	0.16	0.43	0.75	0.95	0.82	0.74	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	35.60	34.51	30.06	29.23	28.99	33.35	34.17	32.27	28.71	34.99	35.92	35.74	33.74	30.28	27.67	23.95	25.42	30.30	37.44	49.91	54.86	48.89	43.44	43.63
323834	0.98	0.94	0.88	0.93	0.96	0.98	0.91	0.81	0.58	0.78	0.51	0.29	0.09	0.05	-0.01	0.01	0.08	0.16	0.41	0.74	0.93	0.81	0.73	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	34.86	33.79	29.47	28.66	28.43	32.67	33.49	31.80	28.84	34.48	35.52	35.40	33.59	30.15	27.54	23.85	25.29	30.09	36.86	48.83	53.60	47.84	42.50	42.70
23571	0.25	0.23	0.29	0.37	0.40	0.30	0.24	0.35	0.21	0.27	0.10	-0.05	-0.07	-0.08	-0.14	-0.08	-0.05	-0.04	-0.17	-0.33	-0.34	-0.25	-0.20	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	34.86 0.25 0.00	33.79 0.23 0.00	29.47 0.29 0.00	28.66 0.37 0.00	28.43 0.40 0.00	32.67 0.30 0.00	33.49 0.24 0.00	31.80 0.35 0.00	28.84 0.21 -4.91	34.48 0.27 0.00	35.52 0.10 0.00	35.40 -0.05 0.00	33.59 -0.07 0.00	30.15 -0.08 0.00	27.54 -0.14 0.00	23.85 -0.08 0.00	25.29 -0.05 0.00	30.09 -0.04 0.00	36.86 -0.17 0.00	48.83 -0.33 0.00	53.60 -0.34 0.00	47.84 -0.25 0.00	42.50 -0.20 0.00	42.70 -0.21 0.00
ALBANY___3 23573	34.86 0.25 0.00	33.79 0.23 0.00	29.47 0.29 0.00	28.66 0.37 0.00	28.43 0.40 0.00	32.67 0.30 0.00	33.49 0.24 0.00	31.80 0.35 0.00	28.84 0.21 -4.91	34.48 0.27 0.00	35.52 0.10 0.00	35.40 -0.05 0.00	33.59 -0.07 0.00	30.15 -0.08 0.00	27.54 -0.14 0.00	23.85 -0.08 0.00	25.29 -0.05 0.00	30.09 -0.04 0.00	36.86 -0.17 0.00	48.83 -0.33 0.00	53.60 -0.34 0.00	47.84 -0.25 0.00	42.50 -0.20 0.00	42.70 -0.21 0.00
ALBANY___4 23574	34.86 0.25 0.00	33.79 0.23 0.00	29.47 0.29 0.00	28.66 0.37 0.00	28.43 0.40 0.00	32.67 0.30 0.00	33.49 0.24 0.00	31.80 0.35 0.00	28.84 0.21 -4.91	34.48 0.27 0.00	35.52 0.10 0.00	35.40 -0.05 0.00	33.59 -0.07 0.00	30.15 -0.08 0.00	27.54 -0.14 0.00	23.85 -0.08 0.00	25.29 -0.05 0.00	30.09 -0.04 0.00	36.86 -0.17 0.00	48.83 -0.33 0.00	53.60 -0.34 0.00	47.84 -0.25 0.00	42.50 -0.20 0.00	42.70 -0.21 0.00
ALBANY___LFGE 323615	35.22 0.60 0.00	34.14 0.57 0.00	29.75 0.57 0.00	28.93 0.64 0.00	28.69 0.66 0.00	32.98 0.61 0.00	33.84 0.60 0.00	32.13 0.67 0.00	29.00 0.43 -4.84	34.81 0.60 0.00	35.87 0.45 0.00	35.76 0.31 0.00	33.93 0.28 0.00	30.45 0.22 0.00	27.83 0.16 0.00	24.11 0.17 0.00	25.58 0.25 0.00	30.46 0.33 0.00	37.33 0.30 0.00	49.44 0.27 0.00	54.26 0.32 0.00	48.40 0.32 0.00	42.98 0.28 0.00	43.17 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	34.66 0.04 0.00	33.94 0.37 0.00	29.51 0.33 0.00	28.55 0.25 0.00	28.22 0.19 0.00	32.64 0.27 0.00	33.54 0.29 0.00	31.74 0.28 0.00	23.97 0.24 0.00	34.47 0.26 0.00	35.92 0.50 0.00	36.08 0.62 0.00	34.26 0.61 0.00	30.75 0.52 0.00	28.17 0.50 0.00	24.33 0.39 0.00	25.71 0.37 0.00	30.61 0.47 0.00	37.73 0.70 0.00	50.37 1.21 0.00	55.36 1.42 0.00	49.35 1.27 0.00	43.73 1.02 0.00	44.22 1.31 0.00
ALCOA_RYNLDS___DRP 24188	34.66 0.04 0.00	33.94 0.37 0.00	29.51 0.33 0.00	28.55 0.25 0.00	28.22 0.19 0.00	32.64 0.27 0.00	33.54 0.29 0.00	31.74 0.28 0.00	23.97 0.24 0.00	34.47 0.26 0.00	35.92 0.50 0.00	36.08 0.62 0.00	34.26 0.61 0.00	30.75 0.52 0.00	28.17 0.50 0.00	24.33 0.39 0.00	25.71 0.37 0.00	30.61 0.47 0.00	37.73 0.70 0.00	50.37 1.21 0.00	55.36 1.42 0.00	49.35 1.27 0.00	43.73 1.02 0.00	44.22 1.31 0.00
ALCOA___DSASP 323711	34.66 0.04 0.00	33.94 0.37 0.00	29.51 0.33 0.00	28.55 0.25 0.00	28.22 0.19 0.00	32.64 0.27 0.00	33.54 0.29 0.00	31.73 0.28 0.00	23.97 0.24 0.00	34.47 0.26 0.00	35.92 0.50 0.00	36.08 0.62 0.00	34.26 0.61 0.00	30.76 0.53 0.00	28.17 0.49 0.00	24.33 0.39 0.00	25.71 0.37 0.00	30.61 0.47 0.00	37.73 0.70 0.00	50.37 1.21 0.00	55.36 1.42 0.00	49.35 1.26 0.00	43.73 1.02 0.00	44.22 1.31 0.00
ALLEGHENY___COGEN 23514	35.27 0.65 0.00	34.27 0.70 0.00	29.81 0.63 0.00	28.83 0.53 0.00	28.51 0.48 0.00	33.25 0.88 0.00	34.07 0.82 0.00	31.77 0.32 0.00	23.38 -0.35 0.00	33.81 -0.41 0.00	35.18 -0.23 0.00	35.57 0.12 0.00	33.94 0.29 0.00	30.65 0.42 0.00	27.97 0.29 0.00	24.03 0.09 0.00	25.35 0.01 0.00	30.10 -0.04 0.00	37.26 0.22 0.00	50.05 0.88 0.00	55.71 1.78 0.00	49.78 1.69 0.00	44.12 1.42 0.00	44.41 1.50 0.00
ALTAMONT_115KV_TB 2 55880	35.30 0.68 0.00	34.22 0.65 0.00	29.77 0.59 0.00	28.94 0.64 0.00	28.69 0.66 0.00	33.02 0.65 0.00	33.88 0.63 0.00	32.10 0.64 0.00	28.94 0.41 -4.79	34.79 0.58 0.00	35.89 0.47 0.00	35.80 0.35 0.00	33.95 0.30 0.00	30.47 0.24 0.00	27.89 0.22 0.00	24.15 0.21 0.00	25.59 0.25 0.00	30.45 0.32 0.00	37.35 0.32 0.00	49.50 0.33 0.00	54.34 0.40 0.00	48.49 0.41 0.00	43.10 0.40 0.00	43.28 0.37 0.00
ALTONA_WT_PWR 323606	35.33 0.71 0.00	34.15 0.59 0.00	29.67 0.50 0.00	28.72 0.43 0.00	28.34 0.31 0.00	32.68 0.32 0.00	33.62 0.37 0.00	31.81 0.35 0.00	24.08 0.35 0.00	34.65 0.44 0.00	36.07 0.65 0.00	36.16 0.70 0.00	34.35 0.70 0.00	30.87 0.64 0.00	28.29 0.62 0.00	24.47 0.54 0.00	25.82 0.49 0.00	30.85 0.72 0.00	38.03 1.00 0.00	50.77 1.60 0.00	55.77 1.83 0.00	49.73 1.65 0.00	44.00 1.29 0.00	44.31 1.40 0.00
AMERICAN_REF_FUEL 24010	33.21 -1.41 0.00	32.29 -1.28 0.00	28.14 -1.03 0.00	27.14 -1.16 0.00	26.76 -1.27 0.00	31.23 -1.13 0.00	31.62 -1.63 0.00	29.54 -1.92 0.00	22.36 -1.37 0.00	32.34 -1.87 0.00	33.79 -1.63 0.00	34.52 -0.93 0.00	32.85 -0.80 0.00	29.59 -0.64 0.00	26.95 -0.73 0.00	22.98 -0.96 0.00	23.99 -1.34 0.00	28.55 -1.58 0.00	35.20 -1.83 0.00	46.24 -2.92 0.00	50.70 -3.23 0.00	45.25 -2.83 0.00	40.23 -2.48 0.00	41.12 -1.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.53 -1.09 0.00	32.50 -1.06 0.00	28.33 -0.85 0.00	27.38 -0.91 0.00	27.02 -1.01 0.00	31.27 -1.09 0.00	31.96 -1.29 0.00	29.99 -1.46 0.00	22.96 -0.76 0.00	33.29 -0.92 0.00	34.81 -0.61 0.00	35.43 -0.02 0.00	33.72 0.07 0.00	30.47 0.24 0.00	27.69 0.02 0.00	23.59 -0.34 0.00	24.82 -0.52 0.00	29.65 -0.49 0.00	36.67 -0.36 0.00	48.43 -0.74 0.00	53.06 -0.88 0.00	47.00 -1.09 0.00	42.10 -0.60 0.00	42.63 -0.28 0.00
ARTHUR KILL_GT_1 23520	36.67 2.05 0.00	35.73 2.16 0.00	31.02 1.84 0.00	29.98 1.68 0.00	29.67 1.65 0.00	34.26 1.89 0.00	35.41 2.16 0.00	33.54 2.08 0.00	55.05 1.54 -29.78	36.57 2.36 0.00	37.97 2.55 0.00	37.90 2.45 0.00	35.89 2.24 0.00	32.21 1.98 0.00	29.46 1.79 0.00	25.52 1.58 0.00	27.03 1.70 0.00	31.74 1.60 0.00	38.71 1.68 0.00	50.72 1.56 0.00	55.47 1.53 0.00	49.84 1.75 0.00	44.84 2.14 0.00	44.97 2.06 0.00
ARTHUR_KILL_2 23512	36.54 1.92 0.00	35.60 2.04 0.00	30.91 1.73 0.00	29.88 1.58 0.00	29.58 1.55 0.00	34.15 1.79 0.00	35.29 2.04 0.00	33.43 1.98 0.00	54.97 1.46 -29.78	36.45 2.24 0.00	37.87 2.45 0.00	37.80 2.35 0.00	35.78 2.12 0.00	32.11 1.88 0.00	29.38 1.70 0.00	25.44 1.50 -0.01	26.95 1.61 -0.01	31.64 1.51 0.00	38.60 1.57 0.00	50.57 1.40 0.00	55.28 1.34 0.00	49.67 1.59 0.00	44.70 1.99 0.00	44.84 1.93 0.00
ARTHUR_KILL_3 23513	36.46 1.84 0.00	35.36 1.79 0.00	30.66 1.48 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.96 1.60 0.00	35.07 1.82 0.00	33.27 1.81 0.00	54.91 1.37 -29.81	36.35 2.14 0.00	37.72 2.30 0.00	37.66 2.21 0.00	35.67 2.02 0.00	31.99 1.76 0.00	29.31 1.64 0.00	25.38 1.44 0.00	26.85 1.52 0.00	31.60 1.47 0.00	38.50 1.47 0.00	50.53 1.37 0.00	55.35 1.41 0.00	49.46 1.38 0.00	44.33 1.62 0.00	44.44 1.53 0.00

ARTHUR_KILL_COGEN 323718	36.67 2.05 0.00	35.73 2.16 0.00	31.02 1.84 0.00	29.98 1.68 0.00	29.67 1.65 0.00	34.27 1.90 0.00	35.41 2.16 0.00	33.54 2.08 0.00	55.05 1.55 -29.78	36.57 2.36 0.00	37.98 2.57 0.00	37.91 2.46 0.00	35.89 2.24 0.00	32.21 1.98 0.00	29.47 1.80 0.00	25.53 1.58 -0.01	27.03 1.70 -0.01	31.74 1.60 0.00	38.71 1.68 0.00	50.72 1.55 0.00	55.47 1.53 0.00	49.85 1.76 0.00	44.84 2.14 0.00	44.97 2.06 0.00
ASHOKAN____ 23654	35.87 1.25 0.00	34.74 1.18 0.00	30.18 1.01 0.00	29.31 1.02 0.00	29.07 1.04 0.00	33.49 1.12 0.00	34.41 1.16 0.00	32.73 1.28 0.00	24.66 0.93 0.00	35.60 1.38 0.00	36.72 1.30 0.00	36.48 1.03 0.00	34.41 0.75 0.00	30.99 0.76 0.00	28.35 0.67 0.00	24.76 0.82 0.00	26.25 0.92 0.00	31.20 1.06 0.00	38.31 1.28 0.00	50.71 1.55 0.00	55.69 1.76 0.00	49.60 1.51 0.00	44.09 1.38 0.00	44.06 1.15 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.46 1.84 0.00	35.57 2.00 0.00	30.91 1.73 0.00	29.89 1.59 0.00	29.59 1.57 0.00	34.19 1.82 0.00	35.33 2.08 0.00	33.46 2.01 0.00	54.96 1.45 -29.78	36.46 2.25 0.00	37.92 2.50 0.00	37.82 2.37 0.00	35.77 2.12 0.00	32.05 1.82 0.00	29.42 1.75 0.00	25.45 1.51 -0.01	26.92 1.58 -0.01	31.60 1.47 0.00	38.47 1.44 0.00	50.62 1.46 0.00	55.47 1.53 0.00	49.69 1.61 0.00	44.51 1.81 0.00	44.52 1.61 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.46 1.84 0.00	35.57 2.00 0.00	30.91 1.73 0.00	29.89 1.59 0.00	29.59 1.57 0.00	34.19 1.82 0.00	35.33 2.08 0.00	33.46 2.01 0.00	54.96 1.45 -29.78	36.46 2.25 0.00	37.92 2.50 0.00	37.82 2.37 0.00	35.77 2.12 0.00	32.05 1.82 0.00	29.42 1.75 0.00	25.45 1.51 -0.01	26.92 1.58 -0.01	31.60 1.47 0.00	38.47 1.44 0.00	50.62 1.46 0.00	55.47 1.53 0.00	49.69 1.61 0.00	44.51 1.81 0.00	44.52 1.61 0.00
ASTORIA_GT2_1 24094	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT2_2 24095	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT2_3 24096	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT2_4 24097	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT3_1 24098	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT3_2 24099	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT3_3 24100	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT3_4 24101	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT4_1 24102	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT4_2 24103	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT4_3 24104	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00

ASTORIA_GT4_4 24105	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.47 2.02 0.00	54.97 1.47 -29.78	36.48 2.26 0.00	37.91 2.50 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.44 1.77 0.00	25.45 1.51 0.00	26.92 1.59 0.00	31.62 1.48 0.00	38.49 1.47 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.71 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA_GT_1 23523	36.56 1.95 0.00	35.65 2.09 0.00	30.98 1.80 0.00	29.96 1.66 0.00	29.66 1.63 0.00	34.26 1.89 0.00	35.41 2.16 0.00	33.55 2.09 0.00	55.02 1.52 -29.78	36.56 2.35 0.00	37.99 2.58 0.00	37.92 2.47 0.00	35.87 2.22 0.00	32.14 1.91 0.00	29.51 1.84 0.00	25.51 1.58 0.00	26.98 1.65 0.00	31.69 1.55 0.00	38.58 1.55 0.00	50.77 1.61 0.00	55.62 1.68 0.00	49.81 1.73 0.00	44.61 1.91 0.00	44.64 1.73 0.00
ASTORIA_GT_10 24110	36.55 1.93 0.00	35.53 1.97 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.15 1.78 0.00	35.30 2.05 0.00	33.48 2.02 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.95 2.53 0.00	37.89 2.44 0.00	35.86 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.55 1.61 0.00	27.03 1.70 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.63 0.00	49.76 1.68 0.00	44.64 1.94 0.00	44.73 1.82 0.00
ASTORIA_GT_11 24225	36.55 1.93 0.00	35.53 1.97 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.15 1.78 0.00	35.30 2.05 0.00	33.48 2.02 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.95 2.53 0.00	37.89 2.44 0.00	35.86 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.55 1.61 0.00	27.03 1.70 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.63 0.00	49.76 1.68 0.00	44.64 1.94 0.00	44.73 1.82 0.00
ASTORIA_GT_12 24226	36.55 1.93 0.00	35.53 1.97 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.15 1.78 0.00	35.30 2.05 0.00	33.48 2.02 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.95 2.53 0.00	37.89 2.44 0.00	35.86 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.55 1.61 0.00	27.03 1.70 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.63 0.00	49.76 1.68 0.00	44.64 1.94 0.00	44.73 1.82 0.00
ASTORIA_GT_13 24227	36.55 1.93 0.00	35.53 1.97 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.15 1.78 0.00	35.30 2.05 0.00	33.48 2.02 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.95 2.53 0.00	37.89 2.44 0.00	35.86 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.55 1.61 0.00	27.03 1.70 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.63 0.00	49.76 1.68 0.00	44.64 1.94 0.00	44.73 1.82 0.00
ASTORIA_GT_5 24106	36.56 1.95 0.00	35.65 2.09 0.00	30.98 1.80 0.00	29.96 1.66 0.00	29.66 1.63 0.00	34.26 1.89 0.00	35.41 2.16 0.00	33.55 2.09 0.00	55.02 1.52 -29.78	36.56 2.35 0.00	37.99 2.58 0.00	37.92 2.47 0.00	35.87 2.22 0.00	32.14 1.91 0.00	29.51 1.84 0.00	25.51 1.58 0.00	26.98 1.65 0.00	31.69 1.55 0.00	38.58 1.55 0.00	50.77 1.61 0.00	55.62 1.68 0.00	49.81 1.73 0.00	44.61 1.91 0.00	44.64 1.73 0.00
ASTORIA_GT_7 24107	36.56 1.95 0.00	35.65 2.09 0.00	30.98 1.80 0.00	29.96 1.66 0.00	29.66 1.63 0.00	34.26 1.89 0.00	35.41 2.16 0.00	33.55 2.09 0.00	55.02 1.52 -29.78	36.56 2.35 0.00	37.99 2.58 0.00	37.92 2.47 0.00	35.87 2.22 0.00	32.14 1.91 0.00	29.51 1.84 0.00	25.51 1.58 0.00	26.98 1.65 0.00	31.69 1.55 0.00	38.58 1.55 0.00	50.77 1.61 0.00	55.62 1.68 0.00	49.81 1.73 0.00	44.61 1.91 0.00	44.64 1.73 0.00
ASTORIA_GT_8 24108	36.56 1.95 0.00	35.65 2.09 0.00	30.98 1.80 0.00	29.96 1.66 0.00	29.66 1.63 0.00	34.26 1.89 0.00	35.41 2.16 0.00	33.55 2.09 0.00	55.02 1.52 -29.78	36.56 2.35 0.00	37.99 2.58 0.00	37.92 2.47 0.00	35.87 2.22 0.00	32.14 1.91 0.00	29.51 1.84 0.00	25.51 1.58 0.00	26.98 1.65 0.00	31.69 1.55 0.00	38.58 1.55 0.00	50.77 1.61 0.00	55.62 1.68 0.00	49.81 1.73 0.00	44.61 1.91 0.00	44.64 1.73 0.00
ASTORIA___2 24149	36.49 1.87 0.00	35.59 2.02 0.00	30.92 1.74 0.00	29.90 1.60 0.00	29.60 1.58 0.00	34.21 1.84 0.00	35.34 2.09 0.00	33.48 2.02 0.00	54.97 1.47 -29.78	36.48 2.27 0.00	37.94 2.52 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.07 1.84 0.00	29.43 1.76 0.00	25.46 1.52 -0.01	26.92 1.59 -0.01	31.61 1.48 0.00	38.49 1.46 0.00	50.66 1.49 0.00	55.50 1.56 0.00	49.72 1.63 0.00	44.53 1.82 0.00	44.55 1.64 0.00
ASTORIA___3 23516	36.49 1.87 0.00	35.58 2.01 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.16 1.79 0.00	35.30 2.05 0.00	33.48 2.03 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.96 2.55 0.00	37.89 2.44 0.00	35.85 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.56 1.61 -0.01	27.03 1.70 -0.01	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.64 0.00	49.77 1.69 0.00	44.65 1.94 0.00	44.73 1.82 0.00
ASTORIA___4 23517	36.49 1.87 0.00	35.58 2.01 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.15 1.78 0.00	35.30 2.05 0.00	33.48 2.02 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.95 2.53 0.00	37.89 2.44 0.00	35.86 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.55 1.61 0.00	27.03 1.70 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.63 0.00	49.76 1.68 0.00	44.64 1.94 0.00	44.73 1.82 0.00
ASTORIA___5 23518	36.55 1.93 0.00	35.53 1.97 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.16 1.79 0.00	35.30 2.05 0.00	33.48 2.03 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.96 2.55 0.00	37.89 2.44 0.00	35.85 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.56 1.61 -0.01	27.03 1.70 -0.01	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.64 0.00	49.77 1.69 0.00	44.65 1.94 0.00	44.73 1.82 0.00
AST_ENERGY_2_CC3 323677	36.63 2.01 0.00	35.52 1.96 0.00	30.82 1.64 0.00	29.82 1.52 0.00	29.55 1.53 0.00	34.13 1.76 0.00	35.24 1.99 0.00	33.44 1.99 0.00	55.02 1.48 -29.81	36.50 2.29 0.00	37.88 2.46 0.00	37.81 2.37 0.00	35.81 2.16 0.00	32.11 1.88 0.00	29.40 1.73 0.00	25.41 1.48 0.00	26.89 1.55 0.00	31.67 1.53 0.00	38.57 1.54 0.00	50.63 1.46 0.00	55.45 1.51 0.00	49.55 1.47 0.00	44.39 1.69 0.00	44.52 1.61 0.00
AST_ENERGY_2_CC4 323678	36.63 2.01 0.00	35.52 1.96 0.00	30.82 1.64 0.00	29.82 1.52 0.00	29.55 1.53 0.00	34.13 1.76 0.00	35.24 1.99 0.00	33.44 1.99 0.00	55.02 1.48 -29.81	36.50 2.29 0.00	37.88 2.46 0.00	37.81 2.37 0.00	35.81 2.16 0.00	32.11 1.88 0.00	29.40 1.73 0.00	25.41 1.48 0.00	26.89 1.55 0.00	31.67 1.53 0.00	38.57 1.54 0.00	50.63 1.46 0.00	55.45 1.51 0.00	49.55 1.47 0.00	44.39 1.69 0.00	44.52 1.61 0.00

ATHENS_STG_1 23668	35.51 0.90 0.00	34.44 0.87 0.00	29.93 0.75 0.00	29.08 0.78 0.00	28.83 0.80 0.00	33.18 0.81 0.00	34.07 0.82 0.00	32.31 0.85 0.00	30.63 0.58 -6.33	35.09 0.88 0.00	36.27 0.86 0.00	36.19 0.74 0.00	34.29 0.64 0.00	30.77 0.54 0.00	28.18 0.51 0.00	24.40 0.46 0.00	25.84 0.51 0.00	30.67 0.53 0.00	37.52 0.49 0.00	49.59 0.42 0.00	54.43 0.49 0.00	48.59 0.51 0.00	43.27 0.56 0.00	43.39 0.48 0.00
ATHENS_STG_2 23670	35.51 0.90 0.00	34.44 0.87 0.00	29.93 0.75 0.00	29.08 0.78 0.00	28.83 0.80 0.00	33.18 0.81 0.00	34.07 0.82 0.00	32.31 0.85 0.00	30.63 0.58 -6.33	35.09 0.88 0.00	36.27 0.86 0.00	36.19 0.74 0.00	34.29 0.64 0.00	30.77 0.54 0.00	28.18 0.51 0.00	24.40 0.46 0.00	25.84 0.51 0.00	30.67 0.53 0.00	37.52 0.49 0.00	49.59 0.42 0.00	54.43 0.49 0.00	48.59 0.51 0.00	43.27 0.56 0.00	43.39 0.48 0.00
ATHENS_STG_3 23677	35.51 0.90 0.00	34.44 0.87 0.00	29.93 0.75 0.00	29.08 0.78 0.00	28.83 0.80 0.00	33.18 0.81 0.00	34.07 0.82 0.00	32.31 0.85 0.00	30.63 0.58 -6.33	35.09 0.88 0.00	36.27 0.86 0.00	36.19 0.74 0.00	34.29 0.64 0.00	30.77 0.54 0.00	28.18 0.51 0.00	24.40 0.46 0.00	25.84 0.51 0.00	30.67 0.53 0.00	37.52 0.49 0.00	49.59 0.42 0.00	54.43 0.49 0.00	48.59 0.51 0.00	43.27 0.56 0.00	43.39 0.48 0.00
AUBURN____LFGE 323710	34.67 0.05 0.00	33.56 0.00 0.00	29.03 -0.15 0.00	28.13 -0.17 0.00	27.90 -0.13 0.00	32.40 0.03 0.00	33.30 0.05 0.00	31.42 -0.04 0.00	23.53 -0.19 0.00	33.89 -0.32 0.00	35.06 -0.35 0.00	35.20 -0.25 0.00	33.48 -0.17 0.00	30.12 -0.11 0.00	27.52 -0.15 0.00	23.70 -0.23 0.00	25.15 -0.18 0.00	29.88 -0.26 0.00	36.91 -0.15 -0.03	49.19 0.02 0.00	53.82 -0.12 0.00	48.10 0.02 0.00	42.76 0.05 0.00	42.86 -0.05 0.00
BABYLON_RES_REC 323704	37.06 2.44 0.00	35.99 2.42 0.00	31.20 2.03 0.00	30.14 1.84 0.00	29.86 1.83 0.00	34.49 2.12 0.00	35.52 2.27 0.00	33.71 2.26 0.00	55.12 1.72 -29.67	37.01 2.80 0.00	40.16 3.17 -1.58	38.81 2.96 -0.40	35.98 2.33 0.00	31.87 1.64 0.00	29.26 1.60 0.00	25.34 1.41 0.00	26.74 1.41 0.00	31.55 1.41 0.00	38.48 1.45 0.00	50.46 1.29 0.00	55.21 1.27 0.00	49.28 1.20 0.00	44.15 1.45 0.00	44.50 1.59 0.00
BALL_HILL_WT_PWR 323825	33.69 -0.92 0.00	32.66 -0.90 0.00	28.43 -0.75 0.00	27.46 -0.83 0.00	27.11 -0.92 0.00	31.56 -0.81 0.00	32.14 -1.10 0.00	30.11 -1.34 0.00	22.83 -0.89 0.00	33.09 -1.12 0.00	34.56 -0.85 0.00	35.18 -0.27 0.00	33.50 -0.15 0.00	30.19 -0.04 0.00	27.46 -0.20 0.00	23.46 -0.48 0.00	24.70 -0.63 0.00	29.42 -0.71 0.00	36.36 -0.67 0.00	47.88 -1.29 0.00	52.43 -1.51 0.00	46.62 -1.46 0.00	41.62 -1.08 0.00	42.18 -0.73 0.00
BARON_WINDS____WT_PWR 323822	33.78 -0.84 0.00	32.80 -0.76 0.00	28.60 -0.58 0.00	27.67 -0.63 0.00	27.39 -0.63 0.00	31.90 -0.47 0.00	32.65 -0.60 0.00	30.45 -1.00 0.00	22.76 -0.97 0.00	32.99 -1.22 0.00	34.33 -1.09 0.00	34.61 -0.84 0.00	33.09 -0.56 0.00	29.82 -0.41 0.00	27.21 -0.46 0.00	23.31 -0.63 0.00	24.66 -0.68 0.00	29.27 -0.86 0.00	36.30 -0.74 -0.01	48.27 -0.90 0.00	53.14 -0.79 0.00	47.31 -0.77 0.00	42.25 -0.45 0.00	42.52 -0.39 0.00
BARRETT_IC_1 23704	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_10 23701	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_11 23702	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_12 23703	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_2 23705	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_3 23706	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_4 23707	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_5 23708	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00

BARRETT_IC_6 23709	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_7 23710	36.68 2.06 0.00	35.60 2.03 0.00	30.86 1.69 0.00	29.83 1.53 0.00	29.56 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.29 1.84 0.00	54.75 1.35 -29.67	36.42 2.21 0.00	39.51 2.51 -1.58	38.24 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.02 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.11 0.00	50.11 0.94 0.00	54.84 0.91 0.00	48.95 0.87 0.00	43.82 1.12 0.00	44.14 1.23 0.00
BARRETT_IC_8 23711	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT_IC_9 23700	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT___1 23545	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BARRETT___2 23546	36.67 2.05 0.00	35.60 2.03 0.00	30.86 1.68 0.00	29.83 1.53 0.00	29.55 1.53 0.00	34.13 1.77 0.00	35.15 1.90 0.00	33.30 1.85 0.00	54.76 1.36 -29.67	36.42 2.21 0.00	39.52 2.52 -1.58	38.25 2.40 -0.40	35.54 1.89 0.00	31.58 1.35 0.00	29.01 1.34 0.00	25.12 1.18 0.00	26.52 1.18 0.00	31.31 1.18 0.00	38.15 1.12 0.00	50.10 0.94 0.00	54.84 0.90 0.00	48.95 0.87 0.00	43.82 1.11 0.00	44.14 1.24 0.00
BATAVIA___115KV_TB1 55881	34.52 -0.10 0.00	33.50 -0.07 0.00	29.14 -0.04 0.00	28.11 -0.19 0.00	27.74 -0.29 0.00	32.38 0.01 0.00	32.97 -0.28 0.00	30.89 -0.57 0.00	23.21 -0.52 0.00	33.42 -0.79 0.00	34.96 -0.45 0.00	35.60 0.14 0.00	33.78 0.13 0.00	30.31 0.08 0.00	27.66 -0.01 0.00	23.66 -0.27 0.00	24.79 -0.55 0.00	29.58 -0.55 0.00	36.64 -0.39 0.00	48.59 -0.57 0.00	53.46 -0.48 0.00	47.64 -0.45 0.00	42.23 -0.48 0.00	42.84 -0.07 0.00
BAYONEEC___CTG1 323682	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG10 323750	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG2 323683	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG3 323684	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG4 323685	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG5 323686	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG6 323687	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG7 323688	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00

BAYONEEC___CTG8 323689	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BAYONEEC___CTG9 323749	36.61 1.99 0.00	35.50 1.94 0.00	30.79 1.62 0.00	29.79 1.49 0.00	29.52 1.50 0.00	34.10 1.74 0.00	35.22 1.97 0.00	33.42 1.96 0.00	55.00 1.46 -29.81	36.48 2.26 0.00	37.86 2.44 0.00	37.79 2.34 0.00	35.80 2.14 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.58 0.00	38.63 1.60 0.00	50.69 1.53 0.00	55.53 1.60 0.00	49.63 1.54 0.00	44.48 1.78 0.00	44.59 1.68 0.00
BEACON___LESR 323632	35.36 0.74 0.00	34.22 0.65 0.00	29.82 0.64 0.00	29.00 0.70 0.00	28.76 0.74 0.00	33.12 0.76 0.00	34.02 0.77 0.00	32.25 0.79 0.00	29.29 0.63 -4.93	35.01 0.80 0.00	36.10 0.68 0.00	35.96 0.51 0.00	34.12 0.47 0.00	30.61 0.38 0.00	27.93 0.26 0.00	24.20 0.26 0.00	25.69 0.36 0.00	30.66 0.52 0.00	37.61 0.58 0.00	49.78 0.61 0.00	54.50 0.56 0.00	48.56 0.48 0.00	43.16 0.46 0.00	43.39 0.48 0.00
BEAVER RIVER___HYD 24048	35.75 1.13 0.00	34.73 1.16 0.00	30.21 1.03 0.00	29.26 0.97 0.00	28.97 0.95 0.00	33.61 1.24 0.00	34.53 1.28 0.00	32.49 1.04 0.00	24.25 0.52 0.00	34.68 0.47 0.00	35.76 0.34 0.00	35.59 0.14 0.00	33.78 0.13 0.00	30.30 0.07 0.00	27.70 0.03 0.00	23.88 -0.06 0.00	25.19 -0.14 0.00	29.99 -0.15 0.00	37.40 0.36 -0.01	50.42 1.26 0.00	56.06 2.12 0.00	50.39 2.31 0.00	44.77 2.06 0.00	44.90 2.00 0.00
BEEBEE_GT_13 23619	34.28 -0.34 0.00	33.22 -0.34 0.00	28.86 -0.31 0.00	27.91 -0.39 0.00	27.57 -0.45 0.00	32.06 -0.31 0.00	32.82 -0.43 0.00	30.92 -0.54 0.00	23.28 -0.45 0.00	33.67 -0.54 0.00	35.05 -0.37 0.00	35.41 -0.05 0.00	33.66 0.01 0.00	30.27 0.04 0.00	27.66 -0.01 0.00	23.80 -0.14 0.00	25.13 -0.20 0.00	29.94 -0.19 0.00	36.95 -0.08 0.00	48.88 -0.29 0.00	53.47 -0.46 0.00	47.60 -0.48 0.00	42.19 -0.51 0.00	42.53 -0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.92 2.31 0.00	35.92 2.35 0.00	31.16 1.98 0.00	30.11 1.81 0.00	29.81 1.79 0.00	34.43 2.07 0.00	35.60 2.35 0.00	33.74 2.29 0.00	55.22 1.71 -29.78	36.83 2.62 0.00	38.27 2.86 0.00	38.23 2.78 0.00	36.19 2.54 0.00	32.47 2.24 0.00	29.75 2.08 0.00	25.76 1.82 0.00	27.26 1.93 0.00	32.04 1.90 0.00	39.06 2.03 0.00	51.26 2.09 0.00	56.13 2.19 0.00	50.32 2.24 0.00	45.15 2.44 0.00	45.23 2.32 0.00
BETHLEHEM___GRP 23843	34.86 0.25 0.00	33.79 0.23 0.00	29.47 0.29 0.00	28.66 0.37 0.00	28.43 0.40 0.00	32.67 0.30 0.00	33.49 0.24 0.00	31.80 0.35 0.00	28.84 0.21 -4.91	34.48 0.27 0.00	35.52 0.10 0.00	35.40 -0.05 0.00	33.59 -0.07 0.00	30.15 -0.08 0.00	27.54 -0.14 0.00	23.85 -0.08 0.00	25.29 -0.05 0.00	30.09 -0.04 0.00	36.86 -0.17 0.00	48.83 -0.33 0.00	53.60 -0.34 0.00	47.84 -0.25 0.00	42.50 -0.20 0.00	42.70 -0.21 0.00
BETHLEHEM___GS1 323560	34.86 0.25 0.00	33.79 0.23 0.00	29.47 0.29 0.00	28.66 0.37 0.00	28.43 0.40 0.00	32.66 0.30 0.00	33.49 0.24 0.00	31.80 0.35 0.00	28.84 0.21 -4.91	34.48 0.27 0.00	35.52 0.10 0.00	35.40 -0.05 0.00	33.59 -0.07 0.00	30.15 -0.08 0.00	27.54 -0.13 0.00	23.85 -0.08 0.00	25.29 -0.05 0.00	30.09 -0.04 0.00	36.86 -0.17 0.00	48.83 -0.33 0.00	53.60 -0.34 0.00	47.84 -0.25 0.00	42.50 -0.20 0.00	42.70 -0.21 0.00
BETHLEHEM___GS2 323561	34.86 0.25 0.00	33.79 0.23 0.00	29.47 0.29 0.00	28.66 0.37 0.00	28.43 0.40 0.00	32.66 0.30 0.00	33.49 0.24 0.00	31.80 0.35 0.00	28.84 0.21 -4.91	34.48 0.27 0.00	35.52 0.10 0.00	35.40 -0.05 0.00	33.59 -0.07 0.00	30.15 -0.08 0.00	27.54 -0.13 0.00	23.85 -0.08 0.00	25.29 -0.05 0.00	30.09 -0.04 0.00	36.86 -0.17 0.00	48.83 -0.33 0.00	53.60 -0.34 0.00	47.84 -0.25 0.00	42.50 -0.20 0.00	42.70 -0.21 0.00
BETHLEHEM___GS3 323562	34.86 0.25 0.00	33.79 0.23 0.00	29.47 0.29 0.00	28.66 0.37 0.00	28.43 0.40 0.00	32.66 0.30 0.00	33.49 0.24 0.00	31.80 0.35 0.00	28.84 0.21 -4.91	34.48 0.27 0.00	35.52 0.10 0.00	35.40 -0.05 0.00	33.59 -0.07 0.00	30.15 -0.08 0.00	27.54 -0.13 0.00	23.85 -0.08 0.00	25.29 -0.05 0.00	30.09 -0.04 0.00	36.86 -0.17 0.00	48.83 -0.33 0.00	53.60 -0.34 0.00	47.84 -0.25 0.00	42.50 -0.20 0.00	42.70 -0.21 0.00
BETHLEHEM___STEEL 23779	33.75 -0.86 0.00	32.76 -0.81 0.00	28.53 -0.65 0.00	27.53 -0.77 0.00	27.15 -0.87 0.00	31.68 -0.68 0.00	32.25 -1.00 0.00	30.23 -1.23 0.00	22.84 -0.89 0.00	33.11 -1.10 0.00	34.60 -0.82 0.00	35.24 -0.21 0.00	33.55 -0.10 0.00	30.22 -0.01 0.00	27.53 -0.14 0.00	23.51 -0.42 0.00	24.72 -0.61 0.00	29.43 -0.70 0.00	36.31 -0.72 0.00	47.78 -1.38 0.00	52.33 -1.61 0.00	46.62 -1.47 0.00	41.46 -1.24 0.00	42.12 -0.79 0.00
BETHLHEM_115KV_TB1 79974	34.95 0.33 0.00	33.89 0.33 0.00	29.54 0.36 0.00	28.72 0.42 0.00	28.48 0.46 0.00	32.74 0.38 0.00	33.58 0.33 0.00	31.87 0.42 0.00	28.88 0.26 -4.90	34.57 0.36 0.00	35.62 0.20 0.00	35.51 0.06 0.00	33.68 0.02 0.00	30.23 0.00 0.00	27.62 -0.05 0.00	23.93 -0.01 0.00	25.36 0.03 0.00	30.18 0.05 0.00	36.97 -0.07 0.00	48.96 -0.20 0.00	53.76 -0.18 0.00	47.96 -0.12 0.00	42.62 -0.08 0.00	42.83 -0.08 0.00
BETHPAGE_CC_5 323564	36.99 2.37 0.00	35.91 2.35 0.00	31.13 1.96 0.00	30.08 1.78 0.00	29.80 1.78 0.00	34.42 2.06 0.00	35.47 2.22 0.00	33.63 2.18 0.00	55.08 1.68 -29.67	36.91 2.70 0.00	40.01 3.01 -1.58	38.62 2.77 -0.40	35.87 2.22 0.00	31.81 1.58 0.00	29.21 1.54 0.00	25.28 1.34 0.00	26.61 1.27 0.00	31.41 1.27 0.00	38.23 1.20 0.00	50.17 1.00 0.00	54.90 0.97 0.00	49.07 0.99 0.00	44.02 1.32 0.00	44.34 1.43 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.82 -0.80 0.00	32.82 -0.75 0.00	28.57 -0.60 0.00	27.57 -0.72 0.00	27.20 -0.82 0.00	31.75 -0.62 0.00	32.31 -0.94 0.00	30.30 -1.15 0.00	22.92 -0.81 0.00	33.20 -1.01 0.00	34.69 -0.73 0.00	35.33 -0.12 0.00	33.64 -0.01 0.00	30.31 0.08 0.00	27.61 -0.06 0.00	23.58 -0.35 0.00	24.80 -0.54 0.00	29.52 -0.61 0.00	36.42 -0.61 0.00	47.93 -1.24 0.00	52.46 -1.48 0.00	46.73 -1.35 0.00	41.57 -1.14 0.00	42.20 -0.71 0.00
BINGHAMTON___COGEN 23790	34.66 0.04 0.00	33.53 -0.04 0.00	29.10 -0.08 0.00	28.21 -0.09 0.00	27.94 -0.09 0.00	32.39 0.02 0.00	33.31 0.06 0.00	31.41 -0.05 0.00	23.60 -0.13 0.00	34.06 -0.15 0.00	35.33 -0.09 0.00	35.44 -0.01 0.00	33.70 0.05 0.00	30.28 0.05 0.00	27.67 0.00 0.00	23.90 -0.03 0.00	25.36 0.03 0.00	30.14 0.01 0.00	37.13 0.09 -0.01	49.12 -0.05 0.00	53.78 -0.15 0.00	47.90 -0.18 0.00	42.69 -0.02 0.00	42.76 -0.15 0.00

BIXINCNT_115KV_LOAD 355685	33.85 -0.77 0.00	32.94 -0.63 0.00	28.70 -0.48 0.00	27.65 -0.64 0.00	27.32 -0.70 0.00	31.85 -0.52 0.00	32.52 -0.73 0.00	30.63 -0.82 0.00	23.22 -0.51 0.00	33.63 -0.58 0.00	35.02 -0.40 0.00	35.55 0.10 0.00	33.87 0.22 0.00	30.46 0.22 0.00	27.76 0.10 0.00	23.74 -0.20 0.00	25.05 -0.28 0.00	29.80 -0.33 0.00	36.71 -0.32 0.00	48.46 -0.71 0.00	53.00 -0.94 0.00	47.28 -0.80 0.00	42.12 -0.58 0.00	42.57 -0.33 0.00
BLACK RIVER___HYD 24047	35.98 1.37 0.00	34.94 1.38 0.00	30.40 1.22 0.00	29.47 1.17 0.00	29.19 1.16 0.00	33.90 1.53 0.00	34.79 1.54 0.00	32.70 1.25 0.00	24.32 0.59 0.00	34.73 0.52 0.00	35.68 0.27 0.00	35.33 -0.12 0.00	33.59 -0.06 0.00	30.23 0.01 0.00	27.58 -0.10 0.00	23.74 -0.19 0.00	25.08 -0.25 0.00	29.88 -0.26 0.00	37.44 0.39 -0.02	50.63 1.46 0.00	56.55 2.61 0.00	51.00 2.92 0.00	45.26 2.56 0.00	45.25 2.34 0.00
BLACKRVR_115KV_TB2 79977	35.98 1.37 0.00	34.94 1.38 0.00	30.41 1.23 0.00	29.47 1.17 0.00	29.19 1.16 0.00	33.90 1.53 0.00	34.79 1.54 0.00	32.70 1.24 0.00	24.32 0.59 0.00	34.73 0.52 0.00	35.68 0.27 0.00	35.33 -0.12 0.00	33.59 -0.06 0.00	30.23 0.01 0.00	27.58 -0.10 0.00	23.74 -0.19 0.00	25.08 -0.25 0.00	29.88 -0.26 0.00	37.44 0.39 -0.02	50.63 1.47 0.00	56.55 2.61 0.00	51.00 2.92 0.00	45.26 2.56 0.00	45.25 2.34 0.00
BLDWN_LI_69_KV_BK4 356085	37.03 2.41 0.00	35.91 2.35 0.00	31.13 1.95 0.00	30.07 1.78 0.00	29.79 1.76 0.00	34.41 2.05 0.00	35.46 2.21 0.00	33.63 2.17 0.00	55.03 1.63 -29.67	36.84 2.63 0.00	39.92 2.92 -1.58	38.63 2.78 -0.40	35.90 2.24 0.00	31.91 1.68 0.00	29.32 1.65 0.00	25.39 1.45 0.00	26.77 1.44 0.00	31.62 1.49 0.00	38.55 1.52 0.00	50.62 1.46 0.00	55.41 1.47 0.00	49.45 1.37 0.00	44.27 1.57 0.00	44.55 1.64 0.00
BLISS_WT_PWR 323608	33.72 -0.90 0.00	32.85 -0.71 0.00	28.62 -0.56 0.00	27.57 -0.73 0.00	27.24 -0.78 0.00	31.73 -0.63 0.00	32.42 -0.83 0.00	30.54 -0.92 0.00	23.19 -0.54 0.00	33.62 -0.59 0.00	34.98 -0.44 0.00	35.51 0.06 0.00	33.85 0.19 0.00	30.43 0.20 0.00	27.75 0.08 0.00	23.71 -0.23 0.00	25.04 -0.29 0.00	29.77 -0.37 0.00	36.69 -0.35 0.00	48.43 -0.73 0.00	52.97 -0.97 0.00	47.27 -0.81 0.00	42.12 -0.58 0.00	42.57 -0.34 0.00
BLUESTONE___WT_PWR 323821	35.27 0.65 0.00	34.90 1.34 0.00	30.25 1.07 0.00	29.21 0.91 0.00	28.92 0.89 0.00	33.65 1.29 0.00	34.42 1.17 0.00	32.34 0.88 0.00	24.30 0.57 0.00	35.03 0.82 0.00	36.26 0.84 0.00	36.32 0.88 0.00	34.54 0.89 0.00	31.05 0.82 0.00	28.44 0.77 0.00	24.59 0.65 0.00	26.04 0.71 0.00	31.11 0.98 0.00	38.36 1.32 -0.01	50.97 1.81 0.00	55.97 2.03 0.00	49.66 1.58 0.00	43.92 1.22 0.00	44.02 1.11 0.00
BLUE_CIRC_CHEM_DRP 24182	35.37 0.75 0.00	34.30 0.73 0.00	29.86 0.68 0.00	29.04 0.75 0.00	28.80 0.78 0.00	33.12 0.76 0.00	33.95 0.70 0.00	32.11 0.66 0.00	28.66 0.46 -4.48	34.83 0.62 0.00	35.84 0.43 0.00	35.70 0.25 0.00	33.77 0.12 0.00	30.31 0.08 0.00	27.72 0.04 0.00	24.00 0.06 0.00	25.45 0.12 0.00	30.29 0.16 0.00	37.29 0.26 0.00	49.54 0.38 0.00	54.43 0.49 0.00	48.53 0.45 0.00	43.14 0.43 0.00	43.33 0.42 0.00
BOC_GAS_DRP 24189	35.18 0.56 0.00	34.11 0.54 0.00	29.68 0.51 0.00	28.85 0.55 0.00	28.61 0.58 0.00	32.91 0.55 0.00	33.76 0.51 0.00	32.00 0.55 0.00	28.94 0.37 -4.84	34.75 0.54 0.00	35.86 0.44 0.00	35.78 0.32 0.00	33.91 0.26 0.00	30.44 0.21 0.00	27.85 0.18 0.00	24.12 0.18 0.00	25.55 0.22 0.00	30.37 0.24 0.00	37.20 0.17 0.00	49.25 0.09 0.00	54.08 0.14 0.00	48.26 0.18 0.00	42.92 0.21 0.00	43.10 0.19 0.00
BOONVILLE_115KV_TB1 79983	35.61 0.99 0.00	34.51 0.95 0.00	29.99 0.82 0.00	29.07 0.77 0.00	28.80 0.77 0.00	33.35 0.98 0.00	34.29 1.05 0.00	32.34 0.89 0.00	24.26 0.53 0.00	34.79 0.58 0.00	35.93 0.52 0.00	35.91 0.46 0.00	34.09 0.44 0.00	30.60 0.38 0.00	28.01 0.34 0.00	24.20 0.26 0.00	25.59 0.26 0.00	30.50 0.36 0.00	37.80 0.76 -0.01	50.54 1.37 0.00	55.73 1.79 0.00	49.82 1.74 0.00	44.21 1.50 0.00	44.29 1.37 0.00
BORALEX_4TH_BRANCH 23824	36.20 1.58 0.00	34.96 1.40 0.00	30.41 1.23 0.00	29.55 1.25 0.00	29.34 1.31 0.00	33.72 1.36 0.00	34.65 1.40 0.00	32.92 1.46 0.00	30.18 0.95 -5.50	35.59 1.38 0.00	36.57 1.15 0.00	36.34 0.88 0.00	34.34 0.69 0.00	30.81 0.58 0.00	28.25 0.58 0.00	24.42 0.48 0.00	25.84 0.50 0.00	30.91 0.77 0.00	37.83 0.80 0.00	50.22 1.05 0.00	55.31 1.38 0.00	49.41 1.33 0.00	43.88 1.17 0.00	44.07 1.16 0.00
BOWLINE___1 23526	36.05 1.43 0.00	35.03 1.47 0.00	30.42 1.25 0.00	29.45 1.15 0.00	29.19 1.16 0.00	33.69 1.33 0.00	34.78 1.53 0.00	32.92 1.47 0.00	-16.39 1.00 41.11	35.82 1.61 0.00	37.12 1.71 0.00	37.07 1.62 0.00	35.13 1.48 0.00	31.50 1.27 0.00	28.83 1.16 0.00	24.95 1.01 0.00	26.43 1.09 0.00	31.21 1.07 0.00	38.08 1.05 0.00	50.14 0.97 0.00	55.08 1.15 0.00	49.21 1.13 0.00	43.99 1.28 0.00	44.09 1.18 0.00
BOWLINE___2 23595	36.09 1.48 0.00	35.07 1.50 0.00	30.44 1.26 0.00	29.47 1.17 0.00	29.20 1.17 0.00	33.71 1.34 0.00	34.78 1.53 0.00	32.95 1.49 0.00	-16.38 1.04 41.14	35.87 1.66 0.00	37.18 1.76 0.00	37.13 1.68 0.00	35.18 1.53 0.00	31.55 1.32 0.00	28.87 1.20 0.00	24.99 1.06 0.00	26.47 1.13 0.00	31.27 1.13 0.00	38.16 1.12 0.00	50.21 1.05 0.00	55.12 1.18 0.00	49.24 1.16 0.00	44.01 1.30 0.00	44.11 1.20 0.00
BRADY___115KV_TB2 356060	35.14 0.52 0.00	34.39 0.83 0.00	29.88 0.71 0.00	28.91 0.61 0.00	28.56 0.53 0.00	33.06 0.70 0.00	33.98 0.73 0.00	32.03 0.57 0.00	24.07 0.34 0.00	34.55 0.34 0.00	36.00 0.58 0.00	36.14 0.69 0.00	34.30 0.65 0.00	30.72 0.49 0.00	28.15 0.48 0.00	24.30 0.36 0.00	25.70 0.37 0.00	30.57 0.43 0.00	37.72 0.69 0.00	50.67 1.50 0.00	56.05 2.11 0.00	50.01 1.93 0.00	44.33 1.63 0.00	44.85 1.94 0.00
BRANSCOMB___SOLAR 323811	36.23 1.61 0.00	34.98 1.41 0.00	30.41 1.23 0.00	29.53 1.24 0.00	29.31 1.29 0.00	33.79 1.42 0.00	34.70 1.45 0.00	32.81 1.35 0.00	29.20 0.80 -4.67	35.21 1.00 0.00	36.17 0.75 0.00	36.04 0.59 0.00	34.10 0.45 0.00	30.59 0.36 0.00	28.05 0.38 0.00	24.34 0.40 0.00	25.86 0.52 0.00	30.99 0.86 0.00	38.25 1.22 0.00	50.86 1.69 0.00	55.89 1.95 0.00	49.84 1.75 0.00	44.19 1.49 0.00	44.38 1.47 0.00
BRDGHMPT_69_KV_BK1 55812	37.21 2.59 0.00	36.07 2.51 0.00	31.25 2.08 0.00	30.16 1.87 0.00	29.88 1.85 0.00	34.52 2.16 0.00	35.60 2.36 0.00	33.86 2.41 0.00	55.36 1.96 -29.67	37.49 3.28 0.00	40.75 3.75 -1.58	39.45 3.60 -0.40	36.46 2.81 0.00	32.19 1.96 0.00	29.61 1.94 0.00	25.65 1.72 0.00	27.05 1.72 0.00	32.06 1.92 0.00	38.98 1.95 0.00	51.00 1.83 0.00	55.98 2.04 0.00	50.23 2.15 0.00	44.93 2.22 0.00	45.44 2.53 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	37.20 2.58 0.00	36.14 2.58 0.00	31.37 2.19 0.00	30.30 2.00 0.00	30.00 1.97 0.00	34.65 2.28 0.00	35.67 2.42 0.00	33.81 2.35 0.00	55.21 1.81 -29.67	37.21 3.00 0.00	40.37 3.37 -1.58	39.02 3.18 -0.40	36.16 2.51 0.00	31.97 1.74 0.00	29.39 1.72 0.00	25.43 1.50 0.00	26.82 1.49 0.00	31.65 1.52 0.00	38.60 1.57 0.00	50.59 1.43 0.00	55.33 1.40 0.00	49.34 1.25 0.00	44.21 1.51 0.00	44.62 1.72 0.00
BRISTLHL_115KV_TB1 79998	33.91 -0.71 0.00	32.83 -0.74 0.00	28.53 -0.65 0.00	27.65 -0.64 0.00	27.39 -0.63 0.00	31.68 -0.68 0.00	32.55 -0.70 0.00	30.76 -0.69 0.00	23.13 -0.60 0.00	33.33 -0.88 0.00	34.50 -0.91 0.00	34.56 -0.89 0.00	32.82 -0.83 0.00	29.49 -0.74 0.00	26.97 -0.70 0.00	23.35 -0.58 0.00	24.71 -0.63 0.00	29.42 -0.71 0.00	36.34 -0.75 -0.06	48.13 -1.04 0.00	52.80 -1.14 0.00	47.07 -1.02 0.00	41.80 -0.90 0.00	41.92 -0.99 0.00
BROOKHAVEN___DRP 24191	36.95 2.33 0.00	35.88 2.32 0.00	31.12 1.94 0.00	30.05 1.75 0.00	29.76 1.74 0.00	34.36 2.00 0.00	35.38 2.13 0.00	33.55 2.10 0.00	55.04 1.64 -29.67	36.98 2.77 0.00	40.15 3.15 -1.58	38.81 2.96 -0.40	35.92 2.27 0.00	31.70 1.47 0.00	29.14 1.47 0.00	25.21 1.27 0.00	26.55 1.22 0.00	31.32 1.18 0.00	38.16 1.13 0.00	49.90 0.74 0.00	54.57 0.63 0.00	48.73 0.65 0.00	43.61 0.90 0.00	44.09 1.18 0.00
BROOKLYN_NAVY_YARD 23515	36.64 2.02 0.00	35.51 1.95 0.00	30.82 1.64 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.12 1.75 0.00	35.24 1.99 0.00	33.44 1.99 0.00	55.01 1.47 -29.81	36.48 2.27 0.00	37.84 2.42 0.00	37.79 2.33 0.00	35.78 2.13 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.44 1.51 0.00	26.93 1.60 0.00	31.71 1.57 0.00	38.62 1.59 0.00	50.67 1.51 0.00	55.52 1.58 0.00	49.62 1.53 0.00	44.51 1.81 0.00	44.60 1.69 0.00
BROOKLYN___ARMY_DRP 323595	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
BROOME_2_LFGE 323671	34.66 0.04 0.00	33.53 -0.04 0.00	29.10 -0.08 0.00	28.21 -0.09 0.00	27.94 -0.09 0.00	32.39 0.03 0.00	33.31 0.06 0.00	31.40 -0.05 0.00	23.60 -0.13 0.00	34.06 -0.15 0.00	35.32 -0.10 0.00	35.44 -0.01 0.00	33.71 0.06 0.00	30.28 0.05 0.00	27.67 0.00 0.00	23.90 -0.03 0.00	25.36 0.02 0.00	30.14 0.01 0.00	37.14 0.09 -0.01	49.12 -0.05 0.00	53.79 -0.15 0.00	47.90 -0.18 0.00	42.69 -0.02 0.00	42.76 -0.15 0.00
BROOME___LFGE 323600	34.66 0.04 0.00	33.53 -0.04 0.00	29.10 -0.08 0.00	28.21 -0.09 0.00	27.94 -0.09 0.00	32.39 0.03 0.00	33.31 0.06 0.00	31.40 -0.05 0.00	23.60 -0.13 0.00	34.06 -0.15 0.00	35.32 -0.10 0.00	35.44 -0.01 0.00	33.71 0.06 0.00	30.28 0.05 0.00	27.67 0.00 0.00	23.90 -0.03 0.00	25.36 0.02 0.00	30.14 0.01 0.00	37.14 0.09 -0.01	49.12 -0.05 0.00	53.79 -0.15 0.00	47.90 -0.18 0.00	42.69 -0.02 0.00	42.76 -0.15 0.00
BROWNFLS_115KV_TB 3_5 80003	35.38 0.76 0.00	34.45 0.89 0.00	29.96 0.78 0.00	28.98 0.69 0.00	28.67 0.64 0.00	33.22 0.85 0.00	34.14 0.89 0.00	32.19 0.73 0.00	24.11 0.38 0.00	34.54 0.33 0.00	35.79 0.37 0.00	35.73 0.28 0.00	33.87 0.21 0.00	30.28 0.05 0.00	27.70 0.03 0.00	23.90 -0.04 0.00	25.23 -0.11 0.00	29.98 -0.16 0.00	37.24 0.20 -0.01	50.09 0.92 0.00	55.52 1.58 0.00	49.76 1.68 0.00	44.28 1.57 0.00	44.66 1.75 0.00
BROWNSV1_27_KV_LOAD 356125	37.03 2.41 0.00	35.88 2.32 0.00	31.11 1.93 0.00	30.10 1.80 0.00	29.82 1.80 0.00	34.44 2.08 0.00	35.57 2.33 0.00	33.75 2.29 0.00	55.26 1.72 -29.81	36.84 2.63 0.00	38.23 2.82 0.00	38.18 2.72 0.00	36.14 2.49 0.00	32.42 2.19 0.00	29.71 2.04 0.00	25.71 1.77 0.00	27.20 1.87 0.00	32.04 1.90 0.00	39.04 2.01 0.00	51.26 2.10 0.00	56.15 2.21 0.00	50.17 2.09 0.00	44.93 2.23 0.00	45.03 2.12 0.00
BURROWS___LYONSDAL 23803	35.63 1.01 0.00	34.55 0.99 0.00	30.02 0.85 0.00	29.10 0.80 0.00	28.82 0.80 0.00	33.39 1.03 0.00	34.33 1.08 0.00	32.36 0.91 0.00	24.24 0.51 0.00	34.74 0.53 0.00	35.87 0.45 0.00	35.81 0.36 0.00	34.00 0.35 0.00	30.50 0.27 0.00	27.92 0.24 0.00	24.11 0.17 0.00	25.48 0.14 0.00	30.36 0.22 0.00	37.69 0.65 -0.01	50.47 1.31 0.00	55.78 1.85 0.00	49.93 1.84 0.00	44.31 1.61 0.00	44.40 1.49 0.00
CAITHNESS_CC_1 323624	36.95 2.33 0.00	35.90 2.33 0.00	31.14 1.96 0.00	30.07 1.77 0.00	29.78 1.75 0.00	34.39 2.02 0.00	35.39 2.14 0.00	33.56 2.11 0.00	55.04 1.64 -29.67	36.97 2.76 0.00	40.13 3.14 -1.58	38.79 2.94 -0.40	35.92 2.27 0.00	31.71 1.48 0.00	29.13 1.47 0.00	25.21 1.27 0.00	26.55 1.21 0.00	31.31 1.17 0.00	38.13 1.10 0.00	49.87 0.71 0.00	54.53 0.59 0.00	48.69 0.61 0.00	43.57 0.86 0.00	44.07 1.16 0.00
CALPINE BETH_PAGE_GT4 24209	36.97 2.35 0.00	35.87 2.31 0.00	31.10 1.93 0.00	30.05 1.75 0.00	29.77 1.75 0.00	34.39 2.03 0.00	35.44 2.19 0.00	33.60 2.15 0.00	55.05 1.65 -29.67	36.87 2.66 0.00	39.95 2.96 -1.58	38.60 2.76 -0.40	35.87 2.22 0.00	31.84 1.62 0.00	29.25 1.58 0.00	25.32 1.38 0.00	26.62 1.28 0.00	31.41 1.28 0.00	38.23 1.20 0.00	50.16 0.99 0.00	54.87 0.94 0.00	49.05 0.96 0.00	44.05 1.35 0.00	44.34 1.43 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.96 2.35 0.00	35.88 2.31 0.00	31.11 1.93 0.00	30.05 1.75 0.00	29.77 1.75 0.00	34.39 2.03 0.00	35.44 2.19 0.00	33.61 2.15 0.00	55.06 1.66 -29.67	36.87 2.66 0.00	39.96 2.96 -1.58	38.61 2.76 -0.40	35.87 2.22 0.00	31.84 1.62 0.00	29.25 1.58 0.00	25.32 1.38 0.00	26.62 1.28 0.00	31.41 1.28 0.00	38.23 1.20 0.00	50.16 0.99 0.00	54.88 0.94 0.00	49.05 0.96 0.00	44.05 1.35 0.00	44.35 1.44 0.00
CALPINE_BP_GT1 23823	36.96 2.35 0.00	35.88 2.31 0.00	31.11 1.93 0.00	30.05 1.75 0.00	29.77 1.75 0.00	34.39 2.03 0.00	35.44 2.19 0.00	33.61 2.15 0.00	55.06 1.66 -29.67	36.87 2.66 0.00	39.96 2.96 -1.58	38.61 2.76 -0.40	35.87 2.22 0.00	31.84 1.62 0.00	29.25 1.58 0.00	25.32 1.38 0.00	26.62 1.28 0.00	31.41 1.28 0.00	38.23 1.20 0.00	50.16 0.99 0.00	54.88 0.94 0.00	49.05 0.96 0.00	44.05 1.35 0.00	44.35 1.44 0.00
CALSPAN___DRP 24200	33.75 -0.86 0.00	32.76 -0.81 0.00	28.53 -0.65 0.00	27.53 -0.77 0.00	27.15 -0.87 0.00	31.68 -0.68 0.00	32.25 -1.00 0.00	30.23 -1.23 0.00	22.84 -0.89 0.00	33.11 -1.10 0.00	34.60 -0.82 0.00	35.24 -0.21 0.00	33.55 -0.10 0.00	30.22 -0.01 0.00	27.53 -0.14 0.00	23.51 -0.42 0.00	24.72 -0.61 0.00	29.43 -0.70 0.00	36.31 -0.72 0.00	47.78 -1.38 0.00	52.33 -1.61 0.00	46.62 -1.47 0.00	41.46 -1.24 0.00	42.12 -0.79 0.00

CALVERTON___SOLAR 323806	36.97 2.35 0.00	35.90 2.33 0.00	31.12 1.94 0.00	30.05 1.75 0.00	29.76 1.74 0.00	34.37 2.00 0.00	35.39 2.14 0.00	33.58 2.13 0.00	55.07 1.67 -29.67	37.02 2.81 0.00	40.20 3.20 -1.58	38.86 3.02 -0.40	35.97 2.32 0.00	31.72 1.49 0.00	29.16 1.49 0.00	25.24 1.30 0.00	26.58 1.25 0.00	31.38 1.25 0.00	38.23 1.20 0.00	49.99 0.83 0.00	54.69 0.75 0.00	48.85 0.76 0.00	43.70 0.99 0.00	44.18 1.27 0.00
CANDIGU_WT_PWR 323617	33.78 -0.84 0.00	32.80 -0.76 0.00	28.60 -0.58 0.00	27.67 -0.63 0.00	27.39 -0.63 0.00	31.90 -0.47 0.00	32.65 -0.60 0.00	30.45 -1.00 0.00	22.76 -0.97 0.00	32.99 -1.22 0.00	34.33 -1.09 0.00	34.61 -0.84 0.00	33.09 -0.56 0.00	29.82 -0.41 0.00	27.21 -0.46 0.00	23.31 -0.63 0.00	24.66 -0.68 0.00	29.27 -0.86 0.00	36.30 -0.74 -0.01	48.27 -0.90 0.00	53.14 -0.79 0.00	47.31 -0.77 0.00	42.25 -0.45 0.00	42.52 -0.39 0.00
CARR STREET_E_SYR 24060	33.94 -0.67 0.00	32.86 -0.70 0.00	28.55 -0.62 0.00	27.68 -0.62 0.00	27.41 -0.61 0.00	31.72 -0.65 0.00	32.59 -0.65 0.00	30.78 -0.67 0.00	23.16 -0.57 0.00	33.41 -0.80 0.00	34.60 -0.82 0.00	34.69 -0.76 0.00	32.96 -0.69 0.00	29.64 -0.59 0.00	27.11 -0.56 0.00	23.46 -0.47 0.00	24.82 -0.51 0.00	29.54 -0.59 0.00	36.38 -0.66 -0.02	48.20 -0.97 0.00	52.83 -1.11 0.00	47.08 -1.00 0.00	41.81 -0.89 0.00	41.92 -0.99 0.00
CARTHAGE___PAPER 23857	36.06 1.44 0.00	35.03 1.46 0.00	30.47 1.29 0.00	29.52 1.22 0.00	29.23 1.20 0.00	33.93 1.57 0.00	34.84 1.59 0.00	32.77 1.31 0.00	24.39 0.66 0.00	34.82 0.61 0.00	35.82 0.40 0.00	35.56 0.11 0.00	33.79 0.14 0.00	30.35 0.11 0.00	27.71 0.04 0.00	23.88 -0.06 0.00	25.21 -0.12 0.00	30.03 -0.11 0.00	37.62 0.57 -0.02	50.84 1.67 0.00	56.66 2.72 0.00	51.00 2.91 0.00	45.28 2.57 0.00	45.35 2.44 0.00
CASSADAGA_WT_PWR 323784	33.69 -0.93 0.00	32.68 -0.89 0.00	28.52 -0.65 0.00	27.58 -0.72 0.00	27.17 -0.85 0.00	31.46 -0.91 0.00	32.28 -0.96 0.00	30.26 -1.19 0.00	23.24 -0.49 0.00	33.72 -0.49 0.00	35.17 -0.24 0.00	35.75 0.30 0.00	34.03 0.38 0.00	30.77 0.54 0.00	27.97 0.30 0.00	23.86 -0.07 0.00	25.07 -0.26 0.00	29.95 -0.18 0.00	36.96 -0.07 0.00	48.85 -0.31 0.00	53.54 -0.39 0.00	47.38 -0.70 0.00	42.45 -0.26 0.00	42.94 0.03 0.00
CE_DUNWOOD___DRP 24194	36.40 1.78 0.00	35.31 1.74 0.00	30.64 1.46 0.00	29.66 1.36 0.00	29.39 1.37 0.00	33.93 1.57 0.00	35.01 1.76 0.00	33.19 1.74 0.00	55.93 1.26 -30.94	36.19 1.98 0.00	37.52 2.11 0.00	37.46 2.00 0.00	35.47 1.82 0.00	31.80 1.57 0.00	29.12 1.45 0.00	25.21 1.27 0.00	26.68 1.35 0.00	31.51 1.37 0.00	38.41 1.38 0.00	50.53 1.37 0.00	55.40 1.46 0.00	49.48 1.40 0.00	44.23 1.53 0.00	44.33 1.42 0.00
CE_MILLWOOD___DRP 24193	36.29 1.67 0.00	35.22 1.65 0.00	30.56 1.39 0.00	29.59 1.29 0.00	29.33 1.30 0.00	33.84 1.48 0.00	34.92 1.67 0.00	33.10 1.65 0.00	56.25 1.18 -31.33	36.07 1.86 0.00	37.39 1.97 0.00	37.32 1.87 0.00	35.35 1.70 0.00	31.69 1.46 0.00	29.03 1.36 0.00	25.12 1.19 0.00	26.60 1.27 0.00	31.42 1.28 0.00	38.31 1.28 0.00	50.42 1.25 0.00	55.30 1.36 0.00	49.40 1.32 0.00	44.14 1.44 0.00	44.24 1.34 0.00
CE_NYC2_DRP 24202	36.59 1.97 0.00	35.55 1.99 0.00	30.87 1.69 0.00	29.85 1.55 0.00	29.58 1.55 0.00	34.17 1.81 0.00	35.32 2.07 0.00	33.50 2.05 0.00	55.04 1.53 -29.78	36.56 2.35 0.00	37.98 2.56 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.56 1.63 0.00	27.05 1.72 0.00	31.75 1.61 0.00	38.67 1.64 0.00	50.79 1.62 0.00	55.63 1.69 0.00	49.80 1.72 0.00	44.68 1.98 0.00	44.75 1.85 0.00
CE_NYC_DRP 24195	36.67 2.05 0.00	35.55 1.98 0.00	30.84 1.66 0.00	29.84 1.54 0.00	29.58 1.55 0.00	34.15 1.79 0.00	35.26 2.02 0.00	33.45 2.00 0.00	55.04 1.49 -29.82	36.53 2.32 0.00	37.91 2.50 0.00	37.85 2.40 0.00	35.84 2.19 0.00	32.14 1.92 0.00	29.45 1.78 0.00	25.48 1.54 0.00	26.95 1.62 0.00	31.76 1.62 0.00	38.70 1.67 0.00	50.78 1.62 0.00	55.64 1.70 0.00	49.71 1.63 0.00	44.54 1.84 0.00	44.65 1.74 0.00
CHAFFEE___LFGE 323603	33.94 -0.68 0.00	32.92 -0.65 0.00	28.66 -0.52 0.00	27.66 -0.64 0.00	27.28 -0.74 0.00	31.85 -0.51 0.00	32.43 -0.82 0.00	30.38 -1.08 0.00	22.97 -0.76 0.00	33.29 -0.92 0.00	34.76 -0.66 0.00	35.42 -0.04 0.00	33.72 0.07 0.00	30.37 0.14 0.00	27.66 -0.01 0.00	23.63 -0.30 0.00	24.85 -0.49 0.00	29.58 -0.56 0.00	36.48 -0.55 0.00	48.01 -1.15 0.00	52.56 -1.38 0.00	46.85 -1.23 0.00	41.66 -1.05 0.00	42.28 -0.63 0.00
CHATEAUG_35_KV_LOAD 355732	35.17 0.55 0.00	34.01 0.45 0.00	29.55 0.37 0.00	28.59 0.29 0.00	28.19 0.17 0.00	32.53 0.16 0.00	33.46 0.21 0.00	31.65 0.19 0.00	23.95 0.22 0.00	34.46 0.25 0.00	35.84 0.42 0.00	35.97 0.52 0.00	34.17 0.52 0.00	30.71 0.48 0.00	28.13 0.46 0.00	24.32 0.38 0.00	25.67 0.34 0.00	30.65 0.51 0.00	37.78 0.75 0.00	50.45 1.29 0.00	55.54 1.60 0.00	49.52 1.44 0.00	43.78 1.08 0.00	44.16 1.25 0.00
CHATEAUG_WT_PWR 323614	35.07 0.46 0.00	33.97 0.40 0.00	29.52 0.34 0.00	28.57 0.27 0.00	28.18 0.15 0.00	32.51 0.14 0.00	33.44 0.19 0.00	31.65 0.19 0.00	23.96 0.24 0.00	34.48 0.27 0.00	35.87 0.46 0.00	35.98 0.53 0.00	34.18 0.53 0.00	30.72 0.49 0.00	28.14 0.47 0.00	24.33 0.40 0.00	25.68 0.35 0.00	30.67 0.54 0.00	37.80 0.77 0.00	50.43 1.27 0.00	55.40 1.46 0.00	49.39 1.31 0.00	43.72 1.01 0.00	44.07 1.16 0.00
CHAT_HIGH_FALL_HYD 323578	35.17 0.55 0.00	34.01 0.45 0.00	29.55 0.37 0.00	28.59 0.29 0.00	28.19 0.17 0.00	32.53 0.16 0.00	33.46 0.21 0.00	31.65 0.19 0.00	23.95 0.22 0.00	34.46 0.25 0.00	35.84 0.42 0.00	35.97 0.52 0.00	34.17 0.52 0.00	30.71 0.48 0.00	28.13 0.46 0.00	24.32 0.38 0.00	25.67 0.34 0.00	30.65 0.51 0.00	37.78 0.75 0.00	50.45 1.29 0.00	55.54 1.60 0.00	49.52 1.44 0.00	43.78 1.08 0.00	44.16 1.25 0.00
CHAUTAUQUA___LFGE 323629	33.78 -0.84 0.00	32.70 -0.86 0.00	28.46 -0.72 0.00	27.51 -0.79 0.00	27.16 -0.87 0.00	31.54 -0.82 0.00	32.19 -1.06 0.00	30.16 -1.29 0.00	22.94 -0.79 0.00	33.25 -0.96 0.00	34.72 -0.69 0.00	35.33 -0.12 0.00	33.64 -0.01 0.00	30.34 0.11 0.00	27.58 -0.10 0.00	23.53 -0.41 0.00	24.81 -0.52 0.00	29.58 -0.56 0.00	36.61 -0.42 0.00	48.27 -0.90 0.00	52.87 -1.07 0.00	46.92 -1.16 0.00	42.01 -0.70 0.00	42.49 -0.42 0.00
CHERRYST_13_KV_LD 356241	36.77 2.15 0.00	35.65 2.08 0.00	30.93 1.75 0.00	29.92 1.62 0.00	29.66 1.63 0.00	34.26 1.89 0.00	35.38 2.13 0.00	33.57 2.12 0.00	55.13 1.59 -29.82	36.67 2.46 0.00	38.06 2.64 0.00	38.01 2.56 0.00	35.99 2.34 0.00	32.27 2.04 0.00	29.57 1.90 0.00	25.58 1.64 0.00	27.06 1.73 0.00	31.88 1.74 0.00	38.84 1.81 0.00	50.96 1.80 0.00	55.82 1.88 0.00	49.86 1.78 0.00	44.67 1.96 0.00	44.76 1.85 0.00

CHESTROR_138KV_BK263 355645	35.91 1.29 0.00	34.84 1.28 0.00	30.25 1.07 0.00	29.29 1.00 0.00	29.03 1.00 0.00	33.51 1.14 0.00	34.55 1.30 0.00	32.73 1.27 0.00	-1.63 0.89 26.25	35.63 1.42 0.00	36.89 1.48 0.00	36.85 1.40 0.00	34.93 1.28 0.00	31.32 1.10 0.00	28.67 1.00 0.00	24.80 0.87 0.00	26.28 0.95 0.00	31.11 0.97 0.00	38.03 0.99 0.00	50.14 0.97 0.00	55.02 1.09 0.00	49.12 1.04 0.00	43.84 1.13 0.00	43.92 1.02 0.00
CH_MIDHUDSON___DRP 24192	36.19 1.57 0.00	35.08 1.51 0.00	30.45 1.28 0.00	29.51 1.21 0.00	29.26 1.23 0.00	33.74 1.37 0.00	34.77 1.52 0.00	32.99 1.54 0.00	28.83 1.11 -3.99	35.92 1.71 0.00	37.17 1.75 0.00	37.10 1.65 0.00	35.12 1.47 0.00	31.49 1.26 0.00	28.85 1.18 0.00	24.97 1.04 0.00	26.47 1.13 0.00	31.36 1.23 0.00	38.32 1.29 0.00	50.52 1.35 0.00	55.40 1.46 0.00	49.45 1.37 0.00	44.09 1.38 0.00	44.15 1.24 0.00
CH_MISC_IPPS 23765	36.39 1.77 0.00	35.28 1.71 0.00	30.62 1.44 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.92 1.55 0.00	34.97 1.72 0.00	33.18 1.73 0.00	24.98 1.25 0.00	36.14 1.92 0.00	37.42 2.00 0.00	37.38 1.93 0.00	35.37 1.72 0.00	31.72 1.49 0.00	29.05 1.38 0.00	25.15 1.21 0.00	26.65 1.32 0.00	31.59 1.46 0.00	38.61 1.58 0.00	50.88 1.71 0.00	55.79 1.85 0.00	49.79 1.71 0.00	44.39 1.68 0.00	44.44 1.53 0.00
CH_RES_BVR_FALLS 23983	34.50 -0.12 0.00	33.52 -0.04 0.00	29.15 -0.03 0.00	28.25 -0.05 0.00	27.94 -0.08 0.00	32.32 -0.05 0.00	33.22 -0.03 0.00	31.41 -0.05 0.00	23.71 -0.02 0.00	34.15 -0.06 0.00	35.42 0.00 0.00	35.49 0.04 0.00	33.70 0.05 0.00	30.27 0.04 0.00	27.72 0.05 0.00	23.97 0.03 0.00	25.34 0.01 0.00	30.16 0.03 0.00	37.11 0.08 0.00	49.37 0.20 0.00	54.18 0.24 0.00	48.27 0.19 0.00	42.82 0.12 0.00	43.14 0.24 0.00
CH_RES_NIAGARA 23895	32.95 -1.67 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.84 0.00	29.43 -2.03 0.00	22.26 -1.47 0.00	32.23 -1.98 0.00	33.68 -1.73 0.00	34.40 -1.05 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.62 -1.51 0.00	35.27 -1.76 0.00	46.15 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.97 -1.94 0.00
CH_RES_SYRACUSE 23985	34.30 -0.32 0.00	33.22 -0.34 0.00	28.84 -0.34 0.00	27.96 -0.34 0.00	27.70 -0.33 0.00	32.08 -0.29 0.00	32.95 -0.30 0.00	31.12 -0.33 0.00	23.39 -0.34 0.00	33.72 -0.49 0.00	34.90 -0.52 0.00	35.00 -0.45 0.00	33.27 -0.38 0.00	29.91 -0.32 0.00	27.36 -0.31 0.00	23.66 -0.27 0.00	25.05 -0.28 0.00	29.81 -0.33 0.00	36.76 -0.31 -0.03	48.72 -0.44 0.00	53.38 -0.56 0.00	47.59 -0.50 0.00	42.25 -0.45 0.00	42.37 -0.54 0.00
CLINTON_WT_PWR 323605	35.07 0.46 0.00	33.97 0.40 0.00	29.52 0.34 0.00	28.57 0.27 0.00	28.18 0.15 0.00	32.51 0.14 0.00	33.44 0.19 0.00	31.65 0.19 0.00	23.96 0.24 0.00	34.48 0.27 0.00	35.87 0.46 0.00	35.98 0.53 0.00	34.18 0.53 0.00	30.72 0.49 0.00	28.14 0.47 0.00	24.33 0.40 0.00	25.68 0.35 0.00	30.67 0.54 0.00	37.80 0.77 0.00	50.43 1.27 0.00	55.40 1.46 0.00	49.39 1.31 0.00	43.72 1.01 0.00	44.07 1.16 0.00
CLINTON___LFGE 323618	35.69 1.07 0.00	34.39 0.83 0.00	29.86 0.68 0.00	28.91 0.61 0.00	28.52 0.49 0.00	32.88 0.52 0.00	33.84 0.59 0.00	31.99 0.53 0.00	24.18 0.45 0.00	34.78 0.57 0.00	36.21 0.79 0.00	36.30 0.85 0.00	34.49 0.83 0.00	31.01 0.78 0.00	28.43 0.76 0.00	24.59 0.66 0.00	25.95 0.62 0.00	31.06 0.93 0.00	38.29 1.27 0.00	51.18 2.02 0.00	56.26 2.32 0.00	50.18 2.10 0.00	44.37 1.67 0.00	44.66 1.75 0.00
COBBLENY_34_KV_TB1 80064	33.93 -0.68 0.00	32.92 -0.65 0.00	28.66 -0.52 0.00	27.66 -0.64 0.00	27.28 -0.74 0.00	31.85 -0.51 0.00	32.42 -0.82 0.00	30.41 -1.05 0.00	22.97 -0.76 0.00	33.29 -0.92 0.00	34.78 -0.64 0.00	35.42 -0.03 0.00	33.72 0.06 0.00	30.37 0.14 0.00	27.66 -0.01 0.00	23.63 -0.30 0.00	24.85 -0.49 0.00	29.59 -0.55 0.00	36.48 -0.55 0.00	48.01 -1.15 0.00	52.56 -1.38 0.00	46.85 -1.23 0.00	41.66 -1.05 0.00	42.28 -0.63 0.00
COFFEEN___115KV_TB3 355620	36.20 1.58 0.00	35.13 1.56 0.00	30.55 1.38 0.00	29.62 1.32 0.00	29.34 1.31 0.00	34.08 1.71 0.00	34.97 1.72 0.00	32.85 1.40 0.00	24.40 0.68 0.00	34.84 0.63 0.00	35.76 0.34 0.00	35.31 -0.14 0.00	33.59 -0.06 0.00	30.27 0.04 0.00	27.56 -0.11 0.00	23.73 -0.21 0.00	25.06 -0.27 0.00	29.87 -0.26 0.00	37.48 0.43 -0.03	50.77 1.60 0.00	56.88 2.94 0.00	51.39 3.31 0.00	45.59 2.89 0.00	45.53 2.63 0.00
COLDSPRG_115KV_BK1 355956	34.48 -0.14 0.00	33.42 -0.15 0.00	29.09 -0.09 0.00	28.12 -0.18 0.00	27.75 -0.28 0.00	32.29 -0.07 0.00	33.23 -0.02 0.00	31.24 -0.21 0.00	23.74 0.01 0.00	34.42 0.20 0.00	35.85 0.43 0.00	36.32 0.86 0.00	34.56 0.91 0.00	31.18 0.95 0.00	28.36 0.69 0.00	24.24 0.30 0.00	25.58 0.25 0.00	30.47 0.34 0.00	37.37 0.35 0.00	49.30 0.13 0.00	53.95 0.01 0.00	47.93 -0.15 0.00	42.82 0.11 0.00	43.14 0.23 0.00
COLONIE_LFGE___ 323577	35.76 1.14 0.00	34.59 1.02 0.00	30.09 0.91 0.00	29.25 0.95 0.00	29.03 1.00 0.00	33.39 1.02 0.00	34.28 1.03 0.00	32.49 1.04 0.00	29.32 0.66 -4.93	35.11 0.90 0.00	36.16 0.74 0.00	36.00 0.55 0.00	34.11 0.46 0.00	30.62 0.39 0.00	28.04 0.37 0.00	24.28 0.35 0.00	25.74 0.41 0.00	30.74 0.60 0.00	37.72 0.69 0.00	50.02 0.86 0.00	54.96 1.02 0.00	49.05 0.97 0.00	43.55 0.84 0.00	43.73 0.82 0.00
COOPERNY_115KV_TB1 80082	35.51 0.89 0.00	34.45 0.88 0.00	29.91 0.73 0.00	28.97 0.67 0.00	28.70 0.67 0.00	33.15 0.78 0.00	34.15 0.90 0.00	32.31 0.86 0.00	11.23 0.60 13.09	35.17 0.96 0.00	36.44 1.02 0.00	36.44 0.99 0.00	34.56 0.91 0.00	31.00 0.77 0.00	28.37 0.70 0.00	24.54 0.61 0.00	26.01 0.68 0.00	30.82 0.69 0.00	37.75 0.72 0.00	49.88 0.71 0.00	54.69 0.75 0.00	48.78 0.70 0.00	43.49 0.78 0.00	43.59 0.68 0.00
COPENHAGEN_WT_PWR 323753	35.70 1.09 0.00	34.69 1.13 0.00	30.21 1.04 0.00	29.29 1.00 0.00	29.01 0.99 0.00	33.69 1.33 0.00	34.57 1.32 0.00	32.51 1.06 0.00	24.20 0.48 0.00	34.59 0.37 0.00	35.55 0.14 0.00	35.21 -0.25 0.00	33.46 -0.19 0.00	30.12 -0.10 0.00	27.48 -0.19 0.00	23.67 -0.27 0.00	24.99 -0.34 0.00	29.77 -0.36 0.00	37.26 0.20 -0.03	50.30 1.14 0.00	56.10 2.17 0.00	50.59 2.51 0.00	44.92 2.21 0.00	44.92 2.01 0.00
CORNELL_____ 23752	34.98 0.36 0.00	33.86 0.30 0.00	29.37 0.20 0.00	28.46 0.16 0.00	28.19 0.16 0.00	32.68 0.32 0.00	33.63 0.38 0.00	31.69 0.24 0.00	23.72 -0.01 0.00	34.08 -0.13 0.00	35.23 -0.19 0.00	35.28 -0.17 0.00	33.54 -0.11 0.00	30.15 -0.08 0.00	27.58 -0.09 0.00	23.85 -0.08 0.00	25.31 -0.03 0.00	30.14 0.00 0.00	37.28 0.23 -0.02	49.71 0.54 0.00	54.58 0.64 0.00	48.66 0.58 0.00	43.25 0.54 0.00	43.29 0.38 0.00

CORONA V_69_KV_TB1 355595	36.95 2.33 0.00	35.84 2.28 0.00	31.07 1.90 0.00	30.04 1.74 0.00	29.76 1.73 0.00	34.37 2.01 0.00	35.43 2.18 0.00	33.57 2.12 0.00	54.98 1.58 -29.67	36.73 2.52 0.00	39.78 2.79 -1.58	38.51 2.66 -0.40	35.86 2.20 0.00	31.93 1.71 0.00	29.33 1.66 0.00	25.41 1.47 0.00	26.83 1.49 0.00	31.69 1.55 0.00	38.62 1.59 0.00	50.75 1.58 0.00	55.56 1.63 0.00	49.57 1.49 0.00	44.32 1.62 0.00	44.58 1.68 0.00
CORTLAND_115KV_TB3 80093	34.76 0.14 0.00	33.64 0.07 0.00	29.19 0.02 0.00	28.29 -0.01 0.00	28.03 0.00 0.00	32.47 0.10 0.00	33.40 0.15 0.00	31.51 0.05 0.00	23.65 -0.08 0.00	34.02 -0.19 0.00	35.21 -0.21 0.00	35.28 -0.18 0.00	33.52 -0.13 0.00	30.14 -0.09 0.00	27.59 -0.09 0.00	23.86 -0.08 0.00	25.28 -0.06 0.00	30.07 -0.06 -0.02	37.11 0.07 0.00	49.32 0.15 0.00	54.12 0.18 0.00	48.23 0.14 0.00	42.87 0.16 0.00	42.93 0.02 0.00
COXSACKIE__GT 23611	36.29 1.67 0.00	35.13 1.57 0.00	30.58 1.40 0.00	29.75 1.45 0.00	29.50 1.48 0.00	33.98 1.62 0.00	34.87 1.63 0.00	33.11 1.66 0.00	24.86 1.13 0.00	35.71 1.50 0.00	36.55 1.13 0.00	36.36 0.91 0.00	34.39 0.73 0.00	30.78 0.55 0.00	28.12 0.45 0.00	24.41 0.47 0.00	25.98 0.65 0.00	31.02 0.89 0.00	38.39 1.36 0.00	51.51 2.34 0.00	56.70 2.77 0.00	50.47 2.39 0.00	44.68 1.98 0.00	44.73 1.82 0.00
CPV_VALLEY__CC1 323721	35.63 1.02 0.00	34.58 1.01 0.00	30.03 0.85 0.00	29.08 0.78 0.00	28.82 0.79 0.00	33.27 0.90 0.00	34.29 1.03 0.00	32.47 1.01 0.00	7.00 0.71 17.44	35.35 1.14 0.00	36.60 1.19 0.00	36.56 1.11 0.00	34.66 1.01 0.00	31.10 0.87 0.00	28.47 0.80 0.00	24.64 0.71 0.00	26.10 0.77 0.00	30.88 0.75 0.00	37.73 0.71 0.00	49.78 0.61 0.00	54.61 0.67 0.00	48.74 0.66 0.00	43.50 0.79 0.00	43.60 0.70 0.00
CPV_VALLEY__CC2 323722	35.63 1.02 0.00	34.58 1.01 0.00	30.03 0.85 0.00	29.08 0.78 0.00	28.82 0.79 0.00	33.27 0.90 0.00	34.29 1.03 0.00	32.47 1.01 0.00	7.00 0.71 17.44	35.35 1.14 0.00	36.60 1.19 0.00	36.56 1.11 0.00	34.66 1.01 0.00	31.10 0.87 0.00	28.47 0.80 0.00	24.64 0.71 0.00	26.10 0.77 0.00	30.88 0.75 0.00	37.73 0.71 0.00	49.78 0.61 0.00	54.61 0.67 0.00	48.74 0.66 0.00	43.50 0.79 0.00	43.60 0.70 0.00
CRESCENT__HYD 24018	35.76 1.14 0.00	34.59 1.02 0.00	30.09 0.91 0.00	29.25 0.95 0.00	29.03 1.00 0.00	33.39 1.02 0.00	34.28 1.03 0.00	32.49 1.04 0.00	29.32 0.66 -4.93	35.11 0.90 0.00	36.16 0.74 0.00	36.00 0.55 0.00	34.11 0.46 0.00	30.62 0.39 0.00	28.04 0.37 0.00	24.28 0.35 0.00	25.74 0.41 0.00	30.74 0.60 0.00	37.72 0.69 0.00	50.02 0.86 0.00	54.96 1.02 0.00	49.05 0.97 0.00	43.55 0.84 0.00	43.73 0.82 0.00
CRICKET__VALLEY_CC1 323756	35.78 1.16 0.00	34.67 1.11 0.00	30.11 0.93 0.00	29.18 0.88 0.00	28.95 0.92 0.00	33.34 0.98 0.00	34.37 1.12 0.00	32.65 1.19 0.00	35.19 0.83 -10.64	35.47 1.26 0.00	36.62 1.20 0.00	36.49 1.04 0.00	34.53 0.88 0.00	30.96 0.73 0.00	28.38 0.71 0.00	24.58 0.64 0.00	26.07 0.73 0.00	30.93 0.79 0.00	37.76 0.73 0.00	49.83 0.66 0.00	54.68 0.74 0.00	48.83 0.75 0.00	43.51 0.80 0.00	43.56 0.65 0.00
CRICKET__VALLEY_CC2 323757	35.78 1.16 0.00	34.67 1.11 0.00	30.11 0.93 0.00	29.18 0.88 0.00	28.95 0.92 0.00	33.34 0.98 0.00	34.37 1.12 0.00	32.65 1.19 0.00	35.19 0.83 -10.64	35.47 1.26 0.00	36.62 1.20 0.00	36.49 1.04 0.00	34.53 0.88 0.00	30.96 0.73 0.00	28.38 0.71 0.00	24.58 0.64 0.00	26.07 0.73 0.00	30.93 0.79 0.00	37.76 0.73 0.00	49.83 0.66 0.00	54.68 0.74 0.00	48.83 0.75 0.00	43.51 0.80 0.00	43.56 0.65 0.00
CRICKET__VALLEY_CC3 323758	35.78 1.16 0.00	34.67 1.11 0.00	30.11 0.93 0.00	29.18 0.88 0.00	28.95 0.92 0.00	33.34 0.98 0.00	34.37 1.12 0.00	32.65 1.19 0.00	35.19 0.83 -10.64	35.47 1.26 0.00	36.62 1.20 0.00	36.49 1.04 0.00	34.53 0.88 0.00	30.96 0.73 0.00	28.38 0.71 0.00	24.58 0.64 0.00	26.07 0.73 0.00	30.93 0.79 0.00	37.76 0.73 0.00	49.83 0.66 0.00	54.68 0.74 0.00	48.83 0.75 0.00	43.51 0.80 0.00	43.56 0.65 0.00
CRUCIBLE_METL_DRP 24180	34.30 -0.32 0.00	33.22 -0.35 0.00	28.84 -0.34 0.00	27.96 -0.34 0.00	27.70 -0.33 0.00	32.08 -0.29 0.00	32.95 -0.30 0.00	31.12 -0.33 0.00	23.39 -0.34 0.00	33.72 -0.49 0.00	34.90 -0.52 0.00	35.00 -0.45 0.00	33.27 -0.38 0.00	29.91 -0.32 0.00	27.36 -0.31 0.00	23.66 -0.27 0.00	25.05 -0.28 0.00	29.81 -0.32 0.00	36.76 -0.31 -0.03	48.72 -0.45 0.00	53.38 -0.56 0.00	47.59 -0.49 0.00	42.25 -0.45 0.00	42.37 -0.54 0.00
DAHOWA__HYDRO 323763	36.39 1.77 0.00	35.11 1.54 0.00	30.52 1.35 0.00	29.64 1.34 0.00	29.42 1.40 0.00	33.93 1.56 0.00	34.86 1.61 0.00	32.94 1.48 0.00	29.24 0.89 -4.63	35.31 1.10 0.00	36.24 0.83 0.00	36.12 0.66 0.00	34.16 0.51 0.00	30.64 0.41 0.00	28.11 0.43 0.00	24.40 0.46 0.00	25.94 0.61 0.00	31.12 0.99 0.00	38.46 1.42 0.00	51.13 1.97 0.00	56.18 2.24 0.00	50.09 2.01 0.00	44.40 1.69 0.00	44.58 1.67 0.00
DANC__LFGE 323619	35.01 0.39 0.00	33.99 0.42 0.00	29.58 0.39 0.00	28.67 0.37 0.00	28.40 0.37 0.00	32.93 0.56 0.00	33.81 0.56 0.00	31.84 0.38 0.00	23.79 0.06 0.00	34.09 -0.12 0.00	35.12 -0.29 0.00	34.93 -0.52 0.00	33.20 -0.46 0.00	29.86 -0.36 0.00	27.27 -0.40 0.00	23.51 -0.42 0.00	24.83 -0.50 0.00	29.59 -0.54 0.00	36.83 -0.23 -0.03	49.41 0.24 0.00	54.78 0.84 0.00	49.22 1.13 0.00	43.71 1.00 0.00	43.76 0.85 0.00
DANSKAMMER__1 23586	36.39 1.77 0.00	35.28 1.71 0.00	30.62 1.44 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.92 1.55 0.00	34.97 1.72 0.00	33.18 1.73 0.00	24.98 1.25 0.00	36.14 1.92 0.00	37.42 2.00 0.00	37.38 1.93 0.00	35.37 1.72 0.00	31.72 1.49 0.00	29.05 1.38 0.00	25.15 1.21 0.00	26.65 1.32 0.00	31.59 1.46 0.00	38.61 1.58 0.00	50.88 1.71 0.00	55.79 1.85 0.00	49.79 1.71 0.00	44.39 1.68 0.00	44.44 1.53 0.00
DANSKAMMER__2 23589	36.39 1.77 0.00	35.28 1.71 0.00	30.62 1.44 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.92 1.55 0.00	34.97 1.72 0.00	33.18 1.73 0.00	24.98 1.25 0.00	36.14 1.92 0.00	37.42 2.00 0.00	37.38 1.93 0.00	35.37 1.72 0.00	31.72 1.49 0.00	29.05 1.38 0.00	25.15 1.21 0.00	26.65 1.32 0.00	31.59 1.46 0.00	38.61 1.58 0.00	50.88 1.71 0.00	55.79 1.85 0.00	49.79 1.71 0.00	44.39 1.68 0.00	44.44 1.53 0.00
DANSKAMMER__3 23590	36.39 1.77 0.00	35.28 1.71 0.00	30.62 1.44 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.92 1.55 0.00	34.97 1.72 0.00	33.18 1.73 0.00	24.98 1.25 0.00	36.14 1.92 0.00	37.42 2.00 0.00	37.38 1.93 0.00	35.37 1.72 0.00	31.72 1.49 0.00	29.05 1.38 0.00	25.15 1.21 0.00	26.65 1.32 0.00	31.59 1.46 0.00	38.61 1.58 0.00	50.88 1.71 0.00	55.79 1.85 0.00	49.79 1.71 0.00	44.39 1.68 0.00	44.44 1.53 0.00

DANSKAMMER___4 23591	36.39 1.77 0.00	35.28 1.71 0.00	30.62 1.44 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.92 1.55 0.00	34.97 1.72 0.00	33.18 1.73 0.00	24.98 1.25 0.00	36.14 1.92 0.00	37.42 2.00 0.00	37.38 1.93 0.00	35.37 1.72 0.00	31.72 1.49 0.00	29.05 1.38 0.00	25.15 1.21 0.00	26.65 1.32 0.00	31.59 1.46 0.00	38.61 1.58 0.00	50.88 1.71 0.00	55.79 1.85 0.00	49.79 1.71 0.00	44.39 1.68 0.00	44.44 1.53 0.00
DANSKAMMER___DIESEL 23592	36.39 1.77 0.00	35.28 1.71 0.00	30.62 1.44 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.92 1.55 0.00	34.97 1.72 0.00	33.18 1.73 0.00	24.98 1.26 0.00	36.14 1.92 0.00	37.42 2.00 0.00	37.38 1.93 0.00	35.37 1.72 0.00	31.72 1.49 0.00	29.05 1.38 0.00	25.15 1.21 0.00	26.65 1.32 0.00	31.59 1.45 0.00	38.61 1.58 0.00	50.88 1.71 0.00	55.79 1.85 0.00	49.79 1.71 0.00	44.39 1.68 0.00	44.44 1.53 0.00
DARBY___SOLAR 323810	36.23 1.61 0.00	34.97 1.41 0.00	30.40 1.23 0.00	29.53 1.23 0.00	29.31 1.29 0.00	33.79 1.42 0.00	34.70 1.45 0.00	32.81 1.35 0.00	29.20 0.80 -4.67	35.20 0.99 0.00	36.15 0.73 0.00	36.01 0.56 0.00	34.09 0.44 0.00	30.58 0.35 0.00	28.03 0.36 0.00	24.33 0.39 0.00	25.87 0.53 0.00	31.00 0.87 0.00	38.27 1.24 0.00	50.87 1.71 0.00	55.89 1.96 0.00	49.85 1.76 0.00	44.21 1.51 0.00	44.39 1.48 0.00
DASHVILLE___HYD 23610	35.98 1.36 0.00	34.89 1.33 0.00	30.29 1.11 0.00	29.36 1.07 0.00	29.11 1.08 0.00	33.55 1.19 0.00	34.55 1.30 0.00	32.81 1.36 0.00	24.70 0.97 0.00	35.74 1.53 0.00	36.98 1.56 0.00	36.88 1.43 0.00	34.90 1.25 0.00	31.31 1.08 0.00	28.69 1.02 0.00	24.86 0.93 0.00	26.33 1.00 0.00	31.19 1.06 0.00	38.11 1.08 0.00	50.24 1.07 0.00	55.11 1.17 0.00	49.21 1.13 0.00	43.88 1.17 0.00	43.93 1.02 0.00
DELAWARE___LFGE 323621	35.25 0.64 0.00	34.21 0.65 0.00	29.69 0.51 0.00	28.77 0.47 0.00	28.50 0.47 0.00	32.99 0.63 0.00	33.96 0.71 0.00	32.05 0.60 0.00	19.70 0.40 4.43	34.83 0.63 0.00	36.10 0.69 0.00	36.19 0.74 0.00	34.37 0.72 0.00	30.87 0.64 0.00	28.24 0.57 0.00	24.42 0.49 0.00	25.87 0.54 0.00	30.73 0.59 0.00	37.76 0.72 -0.01	50.01 0.85 0.00	54.82 0.88 0.00	48.83 0.75 0.00	43.45 0.74 0.00	43.56 0.66 0.00
DERFIELD_115KV_TB7 355931	34.72 0.10 0.00	33.65 0.08 0.00	29.24 0.06 0.00	28.38 0.08 0.00	28.11 0.08 0.00	32.46 0.09 0.00	33.35 0.10 0.00	31.54 0.09 0.00	23.76 0.03 0.00	34.24 0.03 0.00	35.41 0.00 0.00	35.42 -0.04 0.00	33.62 -0.03 0.00	30.20 -0.03 0.00	27.64 -0.03 0.00	23.92 -0.01 0.00	25.33 0.00 0.00	30.14 0.00 0.00	37.03 0.00 0.00	49.12 -0.04 0.00	53.91 -0.03 0.00	48.08 0.00 0.00	42.71 0.00 0.00	42.88 -0.03 0.00
DOGLEVILLE___HYD 23807	34.96 0.34 0.00	33.79 0.23 0.00	29.31 0.13 0.00	28.51 0.21 0.00	28.36 0.33 0.00	32.74 0.37 0.00	33.63 0.37 0.00	31.67 0.21 0.00	23.44 -0.29 0.00	33.60 -0.61 0.00	34.44 -0.97 0.00	34.46 -0.99 0.00	32.55 -1.10 0.00	29.21 -1.02 0.00	26.82 -0.85 0.00	23.18 -0.75 0.00	24.64 -0.69 0.00	29.55 -0.58 0.00	36.76 -0.27 0.00	48.92 -0.25 0.00	53.86 -0.08 0.00	48.03 -0.05 0.00	42.74 0.03 0.00	42.60 -0.30 0.00
DUNKIRK__115KV_TB_200 55889	33.78 -0.84 0.00	32.70 -0.86 0.00	28.45 -0.73 0.00	27.50 -0.80 0.00	27.14 -0.88 0.00	31.56 -0.80 0.00	32.18 -1.07 0.00	30.17 -1.28 0.00	22.90 -0.83 0.00	33.19 -1.02 0.00	34.69 -0.72 0.00	35.27 -0.18 0.00	33.58 -0.07 0.00	30.28 0.05 0.00	27.53 -0.14 0.00	23.50 -0.44 0.00	24.78 -0.55 0.00	29.55 -0.59 0.00	36.56 -0.47 0.00	48.19 -0.98 0.00	52.77 -1.17 0.00	46.85 -1.23 0.00	41.94 -0.77 0.00	42.41 -0.50 0.00
DUNKIRK___1 23563	33.78 -0.84 0.00	32.70 -0.86 0.00	28.45 -0.73 0.00	27.50 -0.80 0.00	27.14 -0.88 0.00	31.56 -0.80 0.00	32.18 -1.07 0.00	30.17 -1.28 0.00	22.90 -0.83 0.00	33.19 -1.02 0.00	34.69 -0.72 0.00	35.27 -0.18 0.00	33.58 -0.07 0.00	30.28 0.05 0.00	27.53 -0.14 0.00	23.50 -0.44 0.00	24.78 -0.55 0.00	29.55 -0.59 0.00	36.56 -0.47 0.00	48.19 -0.98 0.00	52.77 -1.17 0.00	46.85 -1.23 0.00	41.94 -0.77 0.00	42.41 -0.50 0.00
DUNKIRK___2 23564	33.78 -0.84 0.00	32.70 -0.86 0.00	28.45 -0.73 0.00	27.50 -0.80 0.00	27.14 -0.88 0.00	31.56 -0.80 0.00	32.18 -1.07 0.00	30.17 -1.28 0.00	22.90 -0.83 0.00	33.19 -1.02 0.00	34.69 -0.72 0.00	35.27 -0.18 0.00	33.58 -0.07 0.00	30.28 0.05 0.00	27.53 -0.14 0.00	23.50 -0.44 0.00	24.78 -0.55 0.00	29.55 -0.59 0.00	36.56 -0.47 0.00	48.19 -0.98 0.00	52.77 -1.17 0.00	46.85 -1.23 0.00	41.94 -0.77 0.00	42.41 -0.50 0.00
DUNKIRK___3 23565	33.77 -0.85 0.00	32.71 -0.86 0.00	28.45 -0.73 0.00	27.49 -0.81 0.00	27.14 -0.88 0.00	31.59 -0.78 0.00	32.21 -1.04 0.00	30.19 -1.26 0.00	22.87 -0.85 0.00	33.15 -1.06 0.00	34.64 -0.78 0.00	35.22 -0.23 0.00	33.54 -0.11 0.00	30.22 -0.01 0.00	27.49 -0.18 0.00	23.47 -0.46 0.00	24.75 -0.58 0.00	29.49 -0.65 0.00	36.43 -0.60 0.00	47.97 -1.19 0.00	52.53 -1.41 0.00	46.69 -1.39 0.00	41.73 -0.98 0.00	42.23 -0.68 0.00
DUNKIRK___4 23566	33.77 -0.85 0.00	32.71 -0.86 0.00	28.45 -0.73 0.00	27.49 -0.81 0.00	27.14 -0.88 0.00	31.59 -0.78 0.00	32.21 -1.04 0.00	30.19 -1.26 0.00	22.87 -0.85 0.00	33.15 -1.06 0.00	34.64 -0.78 0.00	35.22 -0.23 0.00	33.54 -0.11 0.00	30.22 -0.01 0.00	27.49 -0.18 0.00	23.47 -0.46 0.00	24.75 -0.58 0.00	29.49 -0.65 0.00	36.43 -0.60 0.00	47.97 -1.19 0.00	52.53 -1.41 0.00	46.69 -1.39 0.00	41.73 -0.98 0.00	42.23 -0.68 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.54 1.92 0.00	35.43 1.86 0.00	30.74 1.56 0.00	29.75 1.46 0.00	29.49 1.46 0.00	34.04 1.67 0.00	35.13 1.88 0.00	33.31 1.86 0.00	54.91 1.36 -29.82	36.33 2.12 0.00	37.67 2.26 0.00	37.62 2.17 0.00	35.61 1.96 0.00	31.93 1.70 0.00	29.24 1.57 0.00	25.32 1.38 0.00	26.80 1.47 0.00	31.62 1.49 0.00	38.53 1.50 0.00	50.66 1.49 0.00	55.54 1.61 0.00	49.61 1.52 0.00	44.38 1.67 0.00	44.47 1.57 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.13 1.51 0.00	35.05 1.49 0.00	30.42 1.24 0.00	29.46 1.16 0.00	29.19 1.17 0.00	33.70 1.34 0.00	34.75 1.50 0.00	32.94 1.48 0.00	16.16 1.06 8.64	35.87 1.66 0.00	37.14 1.73 0.00	37.10 1.64 0.00	35.13 1.48 0.00	31.51 1.27 0.00	28.84 1.17 0.00	24.96 1.03 0.00	26.45 1.12 0.00	31.31 1.18 0.00	38.28 1.25 0.00	50.46 1.30 0.00	55.35 1.41 0.00	49.42 1.34 0.00	44.09 1.39 0.00	44.16 1.25 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.49 1.87 0.00	35.56 2.00 0.00	30.89 1.71 0.00	29.87 1.57 0.00	29.57 1.54 0.00	34.17 1.80 0.00	35.31 2.06 0.00	33.46 2.01 0.00	54.98 1.48 -29.78	36.48 2.26 0.00	37.92 2.51 0.00	37.84 2.39 0.00	35.79 2.13 0.00	32.07 1.84 0.00	29.43 1.76 0.00	25.44 1.50 0.00	26.90 1.57 0.00	31.62 1.49 0.00	38.55 1.52 0.00	50.72 1.56 0.00	55.59 1.65 0.00	49.78 1.70 0.00	44.67 1.97 0.00	44.74 1.83 0.00

E179THST_13_KV_LOAD 356214	36.71 2.09 0.00	35.76 2.20 0.00	31.05 1.88 0.00	30.02 1.73 0.00	29.72 1.70 0.00	34.34 1.97 0.00	35.50 2.25 0.00	33.64 2.19 0.00	55.11 1.61 -29.78	36.67 2.46 0.00	38.12 2.70 0.00	38.05 2.60 0.00	35.98 2.33 0.00	32.26 2.02 0.00	29.59 1.92 0.00	25.58 1.64 0.00	27.06 1.72 0.00	31.81 1.67 0.00	38.78 1.75 0.00	51.03 1.86 0.00	55.89 1.95 0.00	50.06 1.98 0.00	44.91 2.20 0.00	44.96 2.05 0.00
EAST HAMPTON___GT 23717	36.82 2.20 0.00	35.70 2.13 0.00	30.93 1.75 0.00	29.84 1.54 0.00	29.57 1.54 0.00	34.16 1.80 0.00	35.28 2.03 0.00	33.62 2.17 0.00	55.21 1.82 -29.67	37.25 3.04 0.00	40.51 3.52 -1.58	39.22 3.38 -0.40	36.21 2.56 0.00	31.96 1.73 0.00	29.39 1.72 0.00	25.51 1.57 0.00	26.92 1.59 0.00	32.01 1.87 0.00	38.80 1.77 0.00	50.76 1.60 0.00	56.05 2.11 0.00	50.58 2.49 0.00	45.33 2.62 0.00	45.91 3.00 0.00
EAST RIVER___6 23660	36.65 2.03 0.00	35.52 1.96 0.00	30.82 1.64 0.00	29.82 1.52 0.00	29.55 1.52 0.00	34.13 1.76 0.00	35.23 1.98 0.00	33.43 1.98 0.00	55.02 1.47 -29.82	36.50 2.29 0.00	37.88 2.46 0.00	37.82 2.38 0.00	35.81 2.16 0.00	32.13 1.90 0.00	29.44 1.77 0.00	25.46 1.52 0.00	26.94 1.60 0.00	31.73 1.59 0.00	38.68 1.65 0.00	50.74 1.58 0.00	55.60 1.66 0.00	49.68 1.59 0.00	44.51 1.80 0.00	44.62 1.71 0.00
EAST RIVER___7 23524	36.65 2.03 0.00	35.52 1.96 0.00	30.82 1.64 0.00	29.82 1.52 0.00	29.55 1.52 0.00	34.13 1.76 0.00	35.23 1.98 0.00	33.43 1.98 0.00	55.02 1.47 -29.82	36.50 2.29 0.00	37.88 2.46 0.00	37.82 2.38 0.00	35.81 2.16 0.00	32.13 1.90 0.00	29.44 1.77 0.00	25.46 1.52 0.00	26.94 1.60 0.00	31.73 1.59 0.00	38.68 1.65 0.00	50.74 1.58 0.00	55.60 1.66 0.00	49.68 1.59 0.00	44.51 1.80 0.00	44.62 1.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.40 1.78 0.00	35.31 1.74 0.00	30.64 1.46 0.00	29.66 1.36 0.00	29.39 1.37 0.00	33.93 1.57 0.00	35.01 1.76 0.00	33.19 1.74 0.00	55.93 1.26 -30.94	36.19 1.98 0.00	37.52 2.11 0.00	37.46 2.00 0.00	35.47 1.82 0.00	31.80 1.57 0.00	29.12 1.45 0.00	25.21 1.27 0.00	26.68 1.35 0.00	31.51 1.37 0.00	38.41 1.38 0.00	50.53 1.37 0.00	55.40 1.46 0.00	49.48 1.40 0.00	44.23 1.53 0.00	44.33 1.42 0.00
EAST_HAMPTON___DIESEL 23722	36.71 2.10 0.00	35.60 2.03 0.00	30.84 1.66 0.00	29.76 1.46 0.00	29.48 1.46 0.00	34.07 1.71 0.00	35.18 1.93 0.00	33.54 2.09 0.00	55.15 1.75 -29.67	37.15 2.94 0.00	40.42 3.43 -1.58	39.13 3.29 -0.40	36.11 2.46 0.00	31.88 1.65 0.00	29.32 1.65 0.00	25.45 1.51 0.00	26.87 1.53 0.00	31.94 1.81 0.00	38.71 1.68 0.00	50.65 1.48 0.00	55.95 2.01 0.00	50.54 2.46 0.00	45.30 2.59 0.00	45.91 3.00 0.00
EAST_POINT___SOLAR 323840	36.65 2.03 0.00	35.49 1.93 0.00	30.76 1.58 0.00	29.80 1.51 0.00	29.56 1.53 0.00	34.31 1.94 0.00	35.13 1.88 0.00	32.29 0.84 0.00	23.95 0.22 0.00	34.03 -0.18 0.00	35.27 -0.15 0.00	35.44 -0.01 0.00	33.73 0.08 0.00	30.29 0.06 0.00	27.75 0.08 0.00	23.99 0.06 0.00	25.40 0.07 0.00	30.39 0.26 0.00	38.50 1.47 0.00	52.05 2.88 0.00	57.67 3.73 0.00	51.38 3.29 0.00	45.48 2.78 0.00	45.66 2.75 0.00
EAST_PULASKI___ESR 323781	34.36 -0.26 0.00	33.32 -0.25 0.00	28.97 -0.21 0.00	28.08 -0.22 0.00	27.82 -0.21 0.00	32.21 -0.16 0.00	33.08 -0.17 0.00	31.21 -0.24 0.00	23.39 -0.34 0.00	33.63 -0.58 0.00	34.73 -0.68 0.00	34.69 -0.76 0.00	32.95 -0.70 0.00	29.63 -0.60 0.00	27.09 -0.58 0.00	23.39 -0.54 0.00	24.72 -0.61 0.00	29.46 -0.68 0.00	36.50 -0.58 -0.05	48.60 -0.57 0.00	53.57 -0.36 0.00	47.91 -0.17 0.00	42.57 -0.13 0.00	42.65 -0.25 0.00
EAST_RIVER___1 323558	36.66 2.05 0.00	35.55 1.98 0.00	30.84 1.66 0.00	29.84 1.54 0.00	29.58 1.55 0.00	34.16 1.79 0.00	35.26 2.02 0.00	33.46 2.01 0.00	55.04 1.49 -29.82	36.53 2.32 0.00	37.91 2.50 0.00	37.85 2.40 0.00	35.84 2.19 0.00	32.15 1.92 0.00	29.45 1.78 0.00	25.48 1.54 0.00	26.96 1.63 0.00	31.75 1.62 0.00	38.70 1.67 0.00	50.78 1.62 0.00	55.64 1.70 0.00	49.71 1.63 0.00	44.54 1.84 0.00	44.65 1.74 0.00
EAST_RIVER___2 323559	36.65 2.03 0.00	35.52 1.96 0.00	30.82 1.64 0.00	29.82 1.52 0.00	29.55 1.52 0.00	34.13 1.76 0.00	35.23 1.98 0.00	33.43 1.98 0.00	55.02 1.47 -29.82	36.50 2.29 0.00	37.88 2.46 0.00	37.82 2.38 0.00	35.81 2.16 0.00	32.13 1.90 0.00	29.44 1.77 0.00	25.46 1.52 0.00	26.94 1.60 0.00	31.73 1.59 0.00	38.68 1.65 0.00	50.74 1.58 0.00	55.60 1.66 0.00	49.68 1.59 0.00	44.51 1.80 0.00	44.62 1.71 0.00
EAST___DELAWARE_HYD 23607	35.35 0.73 0.00	34.26 0.69 0.00	29.71 0.54 0.00	28.77 0.47 0.00	28.51 0.48 0.00	32.91 0.54 0.00	33.94 0.69 0.00	32.20 0.74 0.00	17.34 0.57 6.96	35.19 0.98 0.00	36.45 1.04 0.00	36.38 0.93 0.00	34.36 0.71 0.00	30.12 -0.11 0.00	27.53 -0.14 0.00	23.83 -0.10 0.00	25.28 -0.05 0.00	30.04 -0.10 0.00	36.86 -0.17 0.00	48.73 -0.43 0.00	53.62 -0.32 0.00	48.81 0.72 0.00	43.48 0.77 0.00	43.49 0.58 0.00
EIGHT_POINT___WT_PWR 323820	33.59 -1.03 0.00	32.71 -0.86 0.00	28.58 -0.60 0.00	27.67 -0.63 0.00	27.44 -0.58 0.00	31.97 -0.39 0.00	32.69 -0.56 0.00	30.46 -0.99 0.00	22.72 -1.01 0.00	32.88 -1.33 0.00	34.20 -1.22 0.00	34.48 -0.98 0.00	33.02 -0.63 0.00	29.90 -0.33 0.00	27.37 -0.30 0.00	23.32 -0.61 0.00	24.70 -0.63 0.00	29.36 -0.78 0.00	36.41 -0.63 -0.01	48.56 -0.61 0.00	53.59 -0.34 0.00	47.61 -0.47 0.00	42.60 -0.11 0.00	43.02 0.11 0.00
ELBRIDGE_115KV_TB2 80188	34.17 -0.45 0.00	33.09 -0.48 0.00	28.70 -0.48 0.00	27.83 -0.47 0.00	27.56 -0.46 0.00	31.93 -0.43 0.00	32.82 -0.43 0.00	30.99 -0.47 0.00	23.28 -0.45 0.00	33.56 -0.65 0.00	34.75 -0.67 0.00	34.85 -0.61 0.00	33.13 -0.52 0.00	29.78 -0.45 0.00	27.24 -0.44 0.00	23.52 -0.42 0.00	24.91 -0.42 0.00	29.63 -0.51 0.00	36.53 -0.54 -0.03	48.48 -0.68 0.00	53.09 -0.85 0.00	47.37 -0.71 0.00	42.09 -0.62 0.00	42.21 -0.70 0.00
ELEC_TRO_TEK 24086	36.74 2.12 0.00	35.65 2.08 0.00	30.92 1.74 0.00	29.89 1.59 0.00	29.62 1.59 0.00	34.21 1.84 0.00	35.26 2.01 0.00	33.42 1.97 0.00	54.88 1.48 -29.67	36.60 2.38 0.00	39.63 2.64 -1.58	38.34 2.49 -0.40	35.70 2.05 0.00	31.79 1.56 0.00	29.20 1.53 0.00	25.28 1.34 0.00	26.69 1.36 0.00	31.51 1.37 0.00	38.38 1.35 0.00	50.42 1.26 0.00	55.20 1.26 0.00	49.28 1.19 0.00	44.10 1.39 0.00	44.36 1.45 0.00
ELLENBURG_WT_PWR 323604	35.07 0.46 0.00	33.97 0.40 0.00	29.52 0.34 0.00	28.57 0.27 0.00	28.18 0.15 0.00	32.51 0.14 0.00	33.44 0.19 0.00	31.65 0.19 0.00	23.96 0.24 0.00	34.48 0.27 0.00	35.87 0.46 0.00	35.98 0.53 0.00	34.18 0.53 0.00	30.72 0.49 0.00	28.14 0.47 0.00	24.33 0.40 0.00	25.68 0.35 0.00	30.67 0.54 0.00	37.80 0.77 0.00	50.43 1.27 0.00	55.40 1.46 0.00	49.39 1.31 0.00	43.72 1.01 0.00	44.07 1.16 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.62 -1.00 0.00	32.64 -0.92 0.00	28.44 -0.74 0.00	27.44 -0.86 0.00	27.06 -0.96 0.00	31.57 -0.79 0.00	32.11 -1.14 0.00	30.10 -1.35 0.00	22.76 -0.97 0.00	32.98 -1.23 0.00	34.46 -0.96 0.00	35.11 -0.34 0.00	33.42 -0.23 0.00	30.11 -0.12 0.00	27.43 -0.24 0.00	23.42 -0.51 0.00	24.61 -0.73 0.00	29.31 -0.83 0.00	36.14 -0.89 0.00	47.52 -1.64 0.00	52.02 -1.92 0.00	46.34 -1.74 0.00	41.23 -1.48 0.00	41.93 -0.99 0.00
EMPIRE_CC_1 323656	35.18 0.56 0.00	34.08 0.51 0.00	29.72 0.54 0.00	28.95 0.65 0.00	28.72 0.69 0.00	33.00 0.63 0.00	33.77 0.52 0.00	32.04 0.58 0.00	30.28 0.38 -6.18	34.71 0.50 0.00	35.71 0.30 0.00	35.56 0.10 0.00	33.68 0.03 0.00	30.26 0.03 0.00	27.73 0.06 0.00	24.02 0.08 0.00	25.45 0.11 0.00	30.29 0.15 0.00	37.00 -0.02 0.00	49.02 -0.15 0.00	53.86 -0.08 0.00	48.12 0.04 0.00	42.75 0.05 0.00	43.01 0.10 0.00
EMPIRE_CC_2 323658	35.18 0.56 0.00	34.08 0.51 0.00	29.72 0.54 0.00	28.95 0.65 0.00	28.72 0.69 0.00	33.00 0.63 0.00	33.77 0.52 0.00	32.04 0.58 0.00	30.28 0.38 -6.18	34.71 0.50 0.00	35.71 0.30 0.00	35.56 0.10 0.00	33.68 0.03 0.00	30.26 0.03 0.00	27.73 0.06 0.00	24.02 0.08 0.00	25.45 0.11 0.00	30.29 0.15 0.00	37.00 -0.02 0.00	49.02 -0.15 0.00	53.86 -0.08 0.00	48.12 0.04 0.00	42.75 0.05 0.00	43.01 0.10 0.00
ENORWICH_115KV_TB1 80156	36.28 1.66 0.00	35.35 1.78 0.00	30.61 1.44 0.00	29.63 1.34 0.00	29.35 1.32 0.00	34.17 1.80 0.00	35.10 1.85 0.00	33.04 1.58 0.00	24.66 0.93 0.00	35.39 1.18 0.00	36.59 1.18 0.00	36.69 1.23 0.00	34.90 1.25 0.00	31.37 1.14 0.00	28.69 1.02 0.00	24.83 0.90 0.00	26.36 1.03 0.00	31.44 1.30 0.00	38.76 1.72 -0.01	51.94 2.78 0.00	57.07 3.14 0.00	50.77 2.69 0.00	45.01 2.31 0.00	45.04 2.13 0.00
ERIE_ST__34_KV_TB1-2 80199	33.91 -0.71 0.00	32.90 -0.67 0.00	28.62 -0.56 0.00	27.62 -0.67 0.00	27.25 -0.78 0.00	31.80 -0.57 0.00	32.41 -0.84 0.00	30.41 -1.05 0.00	22.99 -0.74 0.00	33.33 -0.88 0.00	34.81 -0.60 0.00	35.41 -0.04 0.00	33.70 0.05 0.00	30.39 0.16 0.00	27.68 0.00 0.00	23.66 -0.28 0.00	24.89 -0.44 0.00	29.65 -0.49 0.00	36.57 -0.46 0.00	48.10 -1.06 0.00	52.62 -1.32 0.00	46.85 -1.24 0.00	41.62 -1.09 0.00	42.20 -0.71 0.00
ERIE_WT_PWR 323693	33.77 -0.84 0.00	32.78 -0.78 0.00	28.54 -0.64 0.00	27.55 -0.75 0.00	27.15 -0.87 0.00	31.71 -0.66 0.00	32.27 -0.98 0.00	30.21 -1.24 0.00	22.86 -0.87 0.00	33.14 -1.07 0.00	34.58 -0.83 0.00	35.25 -0.20 0.00	33.56 -0.09 0.00	30.24 0.01 0.00	27.54 -0.13 0.00	23.52 -0.42 0.00	24.72 -0.61 0.00	29.44 -0.69 0.00	36.31 -0.72 0.00	47.81 -1.36 0.00	52.36 -1.58 0.00	46.67 -1.42 0.00	41.49 -1.22 0.00	42.14 -0.77 0.00
ESPRGFLD_115KV_TB1 80157	35.88 1.26 0.00	34.86 1.30 0.00	30.20 1.02 0.00	29.23 0.93 0.00	28.95 0.93 0.00	33.64 1.28 0.00	34.64 1.39 0.00	32.51 1.06 0.00	24.45 0.73 0.00	35.19 0.98 0.00	36.61 1.19 0.00	36.79 1.34 0.00	35.06 1.41 0.00	31.52 1.29 0.00	28.88 1.21 0.00	24.96 1.02 0.00	26.36 1.03 0.00	31.29 1.15 0.00	38.63 1.60 0.00	51.50 2.33 0.00	56.52 2.58 0.00	50.29 2.21 0.00	44.63 1.92 0.00	44.82 1.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.94 0.32 0.00	33.82 0.26 0.00	29.34 0.16 0.00	28.43 0.13 0.00	28.16 0.13 0.00	32.65 0.28 0.00	33.58 0.33 0.00	31.66 0.20 0.00	23.70 -0.03 0.00	34.06 -0.15 0.00	35.23 -0.19 0.00	35.28 -0.17 0.00	33.53 -0.12 0.00	30.14 -0.08 0.00	27.58 -0.09 0.00	23.84 -0.09 0.00	25.30 -0.03 0.00	30.12 -0.02 0.00	37.24 0.19 -0.02	49.61 0.45 0.00	54.49 0.56 0.00	48.57 0.49 0.00	43.16 0.46 0.00	43.22 0.31 0.00
ETNA____115KV_TB2 80207	34.94 0.32 0.00	33.82 0.26 0.00	29.34 0.16 0.00	28.43 0.13 0.00	28.16 0.13 0.00	32.65 0.28 0.00	33.58 0.33 0.00	31.66 0.20 0.00	23.70 -0.03 0.00	34.06 -0.15 0.00	35.23 -0.19 0.00	35.28 -0.17 0.00	33.53 -0.12 0.00	30.14 -0.08 0.00	27.58 -0.09 0.00	23.84 -0.09 0.00	25.30 -0.03 0.00	30.12 -0.02 0.00	37.24 0.19 -0.02	49.61 0.45 0.00	54.49 0.56 0.00	48.57 0.49 0.00	43.16 0.46 0.00	43.22 0.31 0.00
EUCLID___115KV_TB2 356179	33.93 -0.69 0.00	32.86 -0.71 0.00	28.55 -0.63 0.00	27.68 -0.62 0.00	27.41 -0.62 0.00	31.72 -0.65 0.00	32.58 -0.67 0.00	30.78 -0.68 0.00	23.16 -0.57 0.00	33.40 -0.81 0.00	34.58 -0.84 0.00	34.68 -0.78 0.00	32.95 -0.70 0.00	29.61 -0.62 0.00	27.09 -0.58 0.00	23.44 -0.50 0.00	24.80 -0.54 0.00	29.51 -0.62 0.00	36.33 -0.71 -0.01	48.14 -1.02 0.00	52.78 -1.16 0.00	47.04 -1.04 0.00	41.78 -0.93 0.00	41.92 -0.99 0.00
E_CANADA_CAP_HY 24051	36.30 1.69 0.00	35.24 1.68 0.00	30.53 1.35 0.00	29.57 1.28 0.00	29.32 1.29 0.00	34.04 1.68 0.00	34.98 1.73 0.00	32.70 1.25 0.00	24.50 0.77 0.00	35.09 0.88 0.00	36.45 1.04 0.00	36.61 1.16 0.00	34.87 1.22 0.00	31.36 1.13 0.00	28.74 1.07 0.00	24.84 0.90 0.00	26.22 0.88 0.00	31.19 1.06 0.00	38.73 1.70 0.00	51.86 2.70 0.00	57.10 3.17 0.00	50.84 2.76 0.00	45.06 2.35 0.00	45.33 2.42 0.00
E_CANADA_MHWK_HY 24050	34.96 0.34 0.00	33.79 0.23 0.00	29.31 0.13 0.00	28.51 0.21 0.00	28.36 0.33 0.00	32.74 0.37 0.00	33.63 0.38 0.00	31.67 0.21 0.00	23.44 -0.29 0.00	33.60 -0.61 0.00	34.45 -0.97 0.00	34.47 -0.99 0.00	32.55 -1.11 0.00	29.21 -1.02 0.00	26.82 -0.85 0.00	23.18 -0.75 0.00	24.64 -0.69 0.00	29.55 -0.58 0.00	36.76 -0.27 0.00	48.92 -0.25 0.00	53.86 -0.08 0.00	48.03 -0.05 0.00	42.74 0.03 0.00	42.60 -0.31 0.00
E_FISHKILL___LBMP 23776	36.02 1.41 0.00	34.94 1.37 0.00	30.34 1.16 0.00	29.39 1.09 0.00	29.14 1.11 0.00	33.60 1.24 0.00	34.63 1.38 0.00	32.84 1.39 0.00	32.65 0.99 -7.93	35.75 1.53 0.00	36.99 1.58 0.00	36.92 1.47 0.00	34.96 1.31 0.00	31.35 1.12 0.00	28.71 1.04 0.00	24.86 0.92 0.00	26.33 1.00 0.00	31.16 1.03 0.00	38.05 1.01 0.00	50.15 0.98 0.00	55.02 1.08 0.00	49.13 1.04 0.00	43.84 1.13 0.00	43.93 1.02 0.00
FALCON___SEABRD_CC1 323796	35.56 0.94 0.00	34.34 0.77 0.00	29.81 0.63 0.00	28.88 0.58 0.00	28.49 0.46 0.00	32.85 0.49 0.00	33.79 0.54 0.00	31.96 0.51 0.00	24.19 0.46 0.00	34.81 0.60 0.00	36.25 0.83 0.00	36.33 0.88 0.00	34.52 0.86 0.00	31.01 0.78 0.00	28.44 0.77 0.00	24.62 0.68 0.00	25.95 0.62 0.00	31.04 0.91 0.00	38.26 1.23 0.00	51.08 1.91 0.00	56.10 2.16 0.00	50.06 1.98 0.00	44.28 1.57 0.00	44.57 1.66 0.00
FALCON___SEABRD_CC2 323797	35.56 0.94 0.00	34.34 0.77 0.00	29.81 0.63 0.00	28.88 0.58 0.00	28.49 0.46 0.00	32.85 0.49 0.00	33.79 0.54 0.00	31.96 0.51 0.00	24.19 0.46 0.00	34.81 0.60 0.00	36.25 0.83 0.00	36.33 0.88 0.00	34.52 0.86 0.00	31.01 0.78 0.00	28.44 0.77 0.00	24.62 0.68 0.00	25.95 0.62 0.00	31.04 0.91 0.00	38.26 1.23 0.00	51.08 1.91 0.00	56.10 2.16 0.00	50.06 1.98 0.00	44.28 1.57 0.00	44.57 1.66 0.00

FAR ROCKAWAY___4 23548	37.30 2.68 0.00	36.18 2.61 0.00	31.36 2.18 0.00	30.29 1.99 0.00	30.01 1.98 0.00	34.65 2.29 0.00	35.73 2.48 0.00	33.86 2.41 0.00	55.21 1.81 -29.67	37.07 2.86 0.00	40.14 3.14 -1.58	38.87 3.02 -0.40	36.19 2.54 0.00	32.22 1.99 0.00	29.62 1.95 0.00	25.66 1.72 0.00	27.09 1.76 0.00	32.00 1.86 0.00	39.02 1.99 0.00	51.27 2.11 0.00	56.13 2.20 0.00	50.04 1.96 0.00	44.71 2.01 0.00	44.95 2.05 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.70 2.08 0.00	35.58 2.01 0.00	30.85 1.68 0.00	29.86 1.56 0.00	29.59 1.57 0.00	34.17 1.81 0.00	35.29 2.04 0.00	33.48 2.02 0.00	55.05 1.52 -29.81	36.56 2.35 0.00	37.93 2.52 0.00	37.88 2.43 0.00	35.87 2.22 0.00	32.16 1.94 0.00	29.46 1.79 0.00	25.50 1.56 0.00	26.98 1.65 0.00	31.78 1.65 0.00	38.71 1.69 0.00	50.83 1.66 0.00	55.67 1.73 0.00	49.75 1.66 0.00	44.58 1.87 0.00	44.67 1.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.70 2.09 0.00	35.58 2.02 0.00	30.87 1.69 0.00	29.87 1.57 0.00	29.60 1.58 0.00	34.18 1.82 0.00	35.30 2.05 0.00	33.48 2.03 0.00	55.05 1.52 -29.81	36.56 2.35 0.00	37.93 2.52 0.00	37.87 2.42 0.00	35.87 2.22 0.00	32.16 1.93 0.00	29.46 1.79 0.00	25.50 1.56 0.00	26.98 1.65 0.00	31.78 1.65 0.00	38.71 1.69 0.00	50.83 1.66 0.00	55.68 1.74 0.00	49.76 1.67 0.00	44.58 1.87 0.00	44.68 1.77 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.66 2.04 0.00	35.55 1.98 0.00	30.84 1.66 0.00	29.84 1.54 0.00	29.58 1.55 0.00	34.15 1.79 0.00	35.27 2.02 0.00	33.47 2.01 0.00	55.04 1.50 -29.81	36.53 2.32 0.00	37.91 2.50 0.00	37.85 2.39 0.00	35.84 2.19 0.00	32.14 1.91 0.00	29.45 1.78 0.00	25.48 1.54 0.00	26.96 1.63 0.00	31.76 1.62 0.00	38.69 1.66 0.00	50.77 1.61 0.00	55.62 1.68 0.00	49.71 1.63 0.00	44.53 1.83 0.00	44.64 1.73 0.00
FARRAGUT___LBMP 323566	36.64 2.02 0.00	35.52 1.95 0.00	30.82 1.64 0.00	29.81 1.52 0.00	29.55 1.52 0.00	34.13 1.76 0.00	35.24 1.99 0.00	33.43 1.98 0.00	55.01 1.47 -29.81	36.50 2.29 0.00	37.87 2.46 0.00	37.81 2.36 0.00	35.81 2.16 0.00	32.11 1.88 0.00	29.42 1.75 0.00	25.45 1.52 0.00	26.94 1.60 0.00	31.72 1.59 0.00	38.66 1.62 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.58 0.00	44.50 1.79 0.00	44.61 1.70 0.00
FENNER___WINDPWR 24204	35.15 0.53 0.00	34.03 0.46 0.00	29.55 0.37 0.00	28.63 0.33 0.00	28.38 0.35 0.00	32.86 0.50 0.00	33.81 0.56 0.00	31.88 0.43 0.00	23.89 0.16 0.00	34.35 0.14 0.00	35.53 0.11 0.00	35.59 0.14 0.00	33.82 0.17 0.00	30.42 0.19 0.00	27.86 0.19 0.00	24.10 0.16 0.00	25.50 0.17 0.00	30.36 0.22 0.00	37.49 0.45 -0.01	49.93 0.77 0.00	54.87 0.94 0.00	48.93 0.85 0.00	43.42 0.72 0.00	43.49 0.58 0.00
FIBERTEK___ENERGY 23856	34.30 -0.32 0.00	33.22 -0.35 0.00	28.84 -0.34 0.00	27.96 -0.34 0.00	27.70 -0.33 0.00	32.08 -0.29 0.00	32.95 -0.30 0.00	31.12 -0.33 0.00	23.39 -0.34 0.00	33.72 -0.49 0.00	34.90 -0.52 0.00	35.00 -0.45 0.00	33.27 -0.38 0.00	29.91 -0.32 0.00	27.36 -0.31 0.00	23.66 -0.27 0.00	25.05 -0.28 0.00	29.81 -0.32 0.00	36.76 -0.31 -0.03	48.72 -0.45 0.00	53.38 -0.56 0.00	47.59 -0.49 0.00	42.25 -0.45 0.00	42.37 -0.54 0.00
FITZPATRICK___ 23598	33.48 -1.14 0.00	32.44 -1.13 0.00	28.18 -1.00 0.00	27.33 -0.97 0.00	27.06 -0.97 0.00	31.29 -1.07 0.00	32.14 -1.11 0.00	30.37 -1.08 0.00	22.87 -0.86 0.00	32.97 -1.24 0.00	34.14 -1.27 0.00	34.21 -1.24 0.00	32.50 -1.15 0.00	29.21 -1.02 0.00	26.72 -0.95 0.00	23.12 -0.82 0.00	24.45 -0.88 0.00	29.09 -1.04 0.00	35.59 -1.24 0.20	47.45 -1.71 0.00	52.02 -1.92 0.00	46.39 -1.69 0.00	41.21 -1.49 0.00	41.37 -1.54 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.46 1.84 0.00	35.34 1.77 0.00	30.67 1.49 0.00	29.70 1.41 0.00	29.45 1.42 0.00	33.97 1.60 0.00	35.02 1.78 0.00	33.25 1.79 0.00	25.03 1.30 0.00	36.21 2.00 0.00	37.49 2.08 0.00	37.45 2.00 0.00	35.44 1.79 0.00	31.79 1.56 0.00	29.11 1.44 0.00	25.20 1.27 0.00	26.71 1.38 0.00	31.66 1.52 0.00	38.69 1.66 0.00	50.99 1.82 0.00	55.90 1.96 0.00	49.88 1.80 0.00	44.47 1.77 0.00	44.52 1.61 0.00
FORT ORANGE___ 23900	35.20 0.58 0.00	34.14 0.57 0.00	29.75 0.57 0.00	28.93 0.64 0.00	28.70 0.67 0.00	32.99 0.62 0.00	33.84 0.59 0.00	32.10 0.65 0.00	28.93 0.42 -4.78	34.78 0.56 0.00	35.79 0.37 0.00	35.65 0.19 0.00	33.79 0.14 0.00	30.33 0.09 0.00	27.71 0.04 0.00	24.01 0.07 0.00	25.46 0.13 0.00	30.32 0.18 0.00	37.19 0.16 0.00	49.38 0.21 0.00	54.26 0.32 0.00	48.41 0.32 0.00	42.98 0.28 0.00	43.16 0.25 0.00
FORT_DRUM_COGEN 23780	35.98 1.37 0.00	34.94 1.37 0.00	30.40 1.22 0.00	29.46 1.17 0.00	29.18 1.16 0.00	33.89 1.53 0.00	34.78 1.53 0.00	32.70 1.24 0.00	24.33 0.60 0.00	34.75 0.53 0.00	35.72 0.30 0.00	35.36 -0.09 0.00	33.61 -0.04 0.00	30.25 0.02 0.00	27.59 -0.08 0.00	23.77 -0.17 0.00	25.09 -0.24 0.00	29.91 -0.23 0.00	37.45 0.40 -0.02	50.63 1.47 0.00	56.53 2.59 0.00	50.97 2.89 0.00	45.25 2.54 0.00	45.24 2.33 0.00
FOX_HILLS___ESR 323835	36.60 1.98 0.00	35.64 2.07 0.00	30.94 1.76 0.00	29.91 1.61 0.00	29.61 1.58 0.00	34.19 1.82 0.00	35.34 2.09 0.00	33.49 2.03 0.00	55.01 1.51 -29.78	36.52 2.31 0.00	37.94 2.52 0.00	37.88 2.43 0.00	35.86 2.21 0.00	32.17 1.95 0.00	29.45 1.78 0.00	25.50 1.57 0.00	27.01 1.67 0.00	31.72 1.59 0.00	38.69 1.66 0.00	50.73 1.56 0.00	55.52 1.58 0.00	49.83 1.74 0.00	44.77 2.07 0.00	44.88 1.97 0.00
FPL_FAR_ROCK_GT1 24212	37.30 2.68 0.00	36.18 2.61 0.00	31.36 2.18 0.00	30.29 1.99 0.00	30.01 1.98 0.00	34.66 2.29 0.00	35.73 2.48 0.00	33.86 2.41 0.00	55.22 1.82 -29.67	37.07 2.86 0.00	40.15 3.15 -1.58	38.87 3.03 -0.40	36.19 2.54 0.00	32.22 1.99 0.00	29.62 1.95 0.00	25.66 1.73 0.00	27.09 1.76 0.00	32.00 1.86 0.00	39.02 1.99 0.00	51.27 2.11 0.00	56.13 2.19 0.00	50.05 1.97 0.00	44.71 2.01 0.00	44.95 2.05 0.00
FPL_FAR_ROCK_GT2 23815	37.30 2.68 0.00	36.18 2.61 0.00	31.36 2.18 0.00	30.29 1.99 0.00	30.01 1.98 0.00	34.66 2.29 0.00	35.73 2.48 0.00	33.86 2.41 0.00	55.22 1.82 -29.67	37.07 2.86 0.00	40.15 3.15 -1.58	38.87 3.03 -0.40	36.19 2.54 0.00	32.22 1.99 0.00	29.62 1.95 0.00	25.66 1.73 0.00	27.09 1.76 0.00	32.00 1.86 0.00	39.02 1.99 0.00	51.27 2.11 0.00	56.13 2.19 0.00	50.05 1.97 0.00	44.71 2.01 0.00	44.95 2.05 0.00
FRANKLIN_FALL_HYD 24054	35.57 0.95 0.00	34.35 0.79 0.00	29.83 0.65 0.00	28.85 0.56 0.00	28.46 0.43 0.00	32.88 0.51 0.00	33.83 0.58 0.00	32.00 0.55 0.00	24.21 0.48 0.00	34.79 0.58 0.00	36.16 0.75 0.00	36.30 0.85 0.00	34.44 0.79 0.00	30.91 0.68 0.00	28.33 0.66 0.00	24.46 0.52 0.00	25.84 0.51 0.00	30.81 0.67 0.00	38.05 1.02 0.00	50.92 1.75 0.00	56.08 2.15 0.00	50.02 1.93 0.00	44.26 1.56 0.00	44.68 1.76 0.00

FREEPORT_EQUS_GT1 23764	37.05 2.44 0.00	35.94 2.38 0.00	31.15 1.98 0.00	30.10 1.80 0.00	29.81 1.79 0.00	34.44 2.08 0.00	35.49 2.24 0.00	33.67 2.21 0.00	55.09 1.69 -29.67	36.90 2.69 0.00	39.98 2.99 -1.58	38.68 2.83 -0.40	35.95 2.30 0.00	31.95 1.72 0.00	29.35 1.68 0.00	25.41 1.48 0.00	26.79 1.46 0.00	31.65 1.52 0.00	38.57 1.54 0.00	50.65 1.49 0.00	55.43 1.49 0.00	49.49 1.41 0.00	44.30 1.59 0.00	44.57 1.66 0.00
FREEPORT___CT2 23818	37.05 2.44 0.00	35.94 2.38 0.00	31.15 1.98 0.00	30.10 1.80 0.00	29.81 1.79 0.00	34.44 2.08 0.00	35.49 2.24 0.00	33.67 2.21 0.00	55.09 1.69 -29.67	36.90 2.69 0.00	39.98 2.99 -1.58	38.68 2.83 -0.40	35.95 2.30 0.00	31.95 1.72 0.00	29.35 1.68 0.00	25.41 1.48 0.00	26.79 1.46 0.00	31.65 1.52 0.00	38.57 1.54 0.00	50.65 1.49 0.00	55.43 1.49 0.00	49.49 1.41 0.00	44.30 1.59 0.00	44.57 1.66 0.00
FRESHKLS_33_KV_LOAD 356253	36.67 2.05 0.00	35.73 2.16 0.00	31.02 1.84 0.00	29.98 1.68 0.00	29.67 1.65 0.00	34.26 1.89 0.00	35.41 2.16 0.00	33.54 2.08 0.00	55.05 1.54 -29.78	36.57 2.36 0.00	37.97 2.55 0.00	37.90 2.45 0.00	35.89 2.24 0.00	32.21 1.98 0.00	29.46 1.79 0.00	25.52 1.58 0.00	27.03 1.70 0.00	31.74 1.60 0.00	38.71 1.68 0.00	50.72 1.56 0.00	55.47 1.53 0.00	49.84 1.75 0.00	44.84 2.14 0.00	44.97 2.06 0.00
FULTON COGEN____ 23766	33.91 -0.71 0.00	32.83 -0.74 0.00	28.53 -0.65 0.00	27.65 -0.64 0.00	27.39 -0.63 0.00	31.68 -0.68 0.00	32.55 -0.70 0.00	30.76 -0.69 0.00	23.13 -0.60 0.00	33.33 -0.88 0.00	34.50 -0.91 0.00	34.56 -0.89 0.00	32.82 -0.83 0.00	29.49 -0.74 0.00	26.97 -0.70 0.00	23.35 -0.58 0.00	24.71 -0.63 0.00	29.42 -0.71 0.00	36.34 -0.75 -0.06	48.13 -1.04 0.00	52.80 -1.14 0.00	47.07 -1.02 0.00	41.80 -0.90 0.00	41.92 -0.99 0.00
FULTON___LFGE 323630	36.46 1.85 0.00	35.33 1.77 0.00	30.63 1.45 0.00	29.69 1.40 0.00	29.44 1.42 0.00	34.11 1.74 0.00	35.05 1.80 0.00	32.81 1.36 0.00	24.38 0.65 0.00	34.81 0.60 0.00	35.99 0.57 0.00	36.05 0.60 0.00	34.30 0.65 0.00	30.80 0.57 0.00	28.29 0.62 0.00	24.43 0.49 0.00	25.89 0.56 0.00	30.96 0.82 0.00	38.59 1.56 0.00	51.78 2.62 0.00	57.13 3.19 0.00	50.90 2.81 0.00	45.10 2.40 0.00	45.27 2.36 0.00
G.F.CEMENT___DRP 24184	36.57 1.95 0.00	35.23 1.66 0.00	30.60 1.42 0.00	29.71 1.42 0.00	29.52 1.49 0.00	34.05 1.69 0.00	35.00 1.75 0.00	33.07 1.61 0.00	29.22 0.94 -4.55	35.37 1.16 0.00	36.25 0.84 0.00	36.17 0.72 0.00	34.19 0.53 0.00	30.64 0.41 0.00	28.13 0.46 0.00	24.46 0.53 0.00	26.04 0.70 0.00	31.27 1.14 0.00	38.68 1.65 0.00	51.43 2.26 0.00	56.50 2.56 0.00	50.38 2.30 0.00	44.63 1.92 0.00	44.82 1.91 0.00
GARDENVILLE___LBMP 24039	33.69 -0.93 0.00	32.69 -0.87 0.00	28.47 -0.71 0.00	27.48 -0.82 0.00	27.10 -0.92 0.00	31.62 -0.75 0.00	32.18 -1.07 0.00	30.16 -1.30 0.00	22.80 -0.93 0.00	33.03 -1.18 0.00	34.51 -0.90 0.00	35.15 -0.30 0.00	33.46 -0.19 0.00	30.15 -0.08 0.00	27.45 -0.22 0.00	23.44 -0.49 0.00	24.65 -0.69 0.00	29.36 -0.78 0.00	36.22 -0.81 0.00	47.66 -1.51 0.00	52.18 -1.76 0.00	46.49 -1.59 0.00	41.38 -1.33 0.00	42.03 -0.88 0.00
GARDNVLA_35_KV_LD 355827	33.80 -0.82 0.00	32.79 -0.77 0.00	28.55 -0.63 0.00	27.56 -0.74 0.00	27.18 -0.85 0.00	31.71 -0.65 0.00	32.28 -0.97 0.00	30.26 -1.20 0.00	22.87 -0.85 0.00	33.16 -1.05 0.00	34.65 -0.76 0.00	35.32 -0.13 0.00	33.62 -0.03 0.00	30.30 0.07 0.00	27.60 -0.07 0.00	23.57 -0.37 0.00	24.77 -0.56 0.00	29.51 -0.62 0.00	36.40 -0.63 0.00	47.89 -1.27 0.00	52.44 -1.50 0.00	46.70 -1.39 0.00	41.52 -1.18 0.00	42.18 -0.73 0.00
GELCKHM___115KV_LOAD 80723	34.07 -0.54 0.00	33.00 -0.56 0.00	28.66 -0.52 0.00	27.79 -0.51 0.00	27.52 -0.51 0.00	31.85 -0.51 0.00	32.72 -0.53 0.00	30.91 -0.55 0.00	23.24 -0.48 0.00	33.52 -0.69 0.00	34.71 -0.71 0.00	34.80 -0.65 0.00	33.08 -0.57 0.00	29.72 -0.51 0.00	27.19 -0.48 0.00	23.52 -0.42 0.00	24.89 -0.44 0.00	29.63 -0.51 0.00	36.49 -0.56 -0.02	48.36 -0.80 0.00	53.01 -0.92 0.00	47.25 -0.83 0.00	41.97 -0.73 0.00	42.09 -0.82 0.00
GENERAL___MILLS 23808	33.75 -0.86 0.00	32.76 -0.81 0.00	28.53 -0.65 0.00	27.53 -0.77 0.00	27.15 -0.87 0.00	31.68 -0.68 0.00	32.25 -1.00 0.00	30.23 -1.23 0.00	22.84 -0.89 0.00	33.11 -1.10 0.00	34.60 -0.82 0.00	35.24 -0.21 0.00	33.55 -0.10 0.00	30.22 -0.01 0.00	27.53 -0.14 0.00	23.51 -0.42 0.00	24.72 -0.61 0.00	29.43 -0.70 0.00	36.31 -0.72 0.00	47.78 -1.38 0.00	52.33 -1.61 0.00	46.62 -1.47 0.00	41.46 -1.24 0.00	42.12 -0.79 0.00
GE_PLASTICS___DRP 24183	35.18 0.56 0.00	34.10 0.54 0.00	29.69 0.52 0.00	28.88 0.58 0.00	28.62 0.60 0.00	32.92 0.56 0.00	33.77 0.52 0.00	32.03 0.57 0.00	28.91 0.38 -4.80	34.75 0.54 0.00	35.82 0.41 0.00	35.72 0.27 0.00	33.86 0.21 0.00	30.40 0.17 0.00	27.79 0.12 0.00	24.08 0.14 0.00	25.51 0.18 0.00	30.35 0.21 0.00	37.18 0.15 0.00	49.29 0.12 0.00	54.10 0.16 0.00	48.29 0.20 0.00	42.90 0.20 0.00	43.09 0.18 0.00
GILBOA___1 23756	35.57 0.95 0.00	34.49 0.92 0.00	30.00 0.82 0.00	29.25 0.95 0.00	28.99 0.97 0.00	33.25 0.89 0.00	34.00 0.76 0.00	32.22 0.77 0.00	29.81 0.52 -5.57	34.98 0.77 0.00	36.15 0.73 0.00	36.06 0.61 0.00	34.18 0.53 0.00	30.68 0.45 0.00	28.09 0.41 0.00	24.33 0.39 0.00	25.76 0.43 0.00	30.60 0.46 0.00	37.47 0.44 0.00	49.56 0.39 0.00	54.40 0.46 0.00	48.55 0.46 0.00	43.21 0.50 0.00	43.36 0.45 0.00
GILBOA___2 23757	35.57 0.95 0.00	34.49 0.92 0.00	30.00 0.82 0.00	29.25 0.95 0.00	28.99 0.97 0.00	33.25 0.89 0.00	34.00 0.76 0.00	32.22 0.77 0.00	29.81 0.52 -5.57	34.98 0.77 0.00	36.15 0.73 0.00	36.06 0.61 0.00	34.18 0.53 0.00	30.68 0.45 0.00	28.09 0.41 0.00	24.33 0.39 0.00	25.76 0.43 0.00	30.60 0.46 0.00	37.47 0.44 0.00	49.56 0.39 0.00	54.40 0.46 0.00	48.55 0.46 0.00	43.21 0.50 0.00	43.36 0.45 0.00
GILBOA___3 23758	35.57 0.95 0.00	34.49 0.92 0.00	30.00 0.82 0.00	29.25 0.95 0.00	28.99 0.97 0.00	33.25 0.89 0.00	34.00 0.76 0.00	32.22 0.77 0.00	29.81 0.52 -5.57	34.98 0.77 0.00	36.15 0.73 0.00	36.06 0.61 0.00	34.18 0.53 0.00	30.68 0.45 0.00	28.09 0.41 0.00	24.33 0.39 0.00	25.76 0.43 0.00	30.60 0.46 0.00	37.47 0.44 0.00	49.56 0.39 0.00	54.40 0.46 0.00	48.55 0.46 0.00	43.21 0.50 0.00	43.36 0.45 0.00
GILBOA___4 23759	35.57 0.95 0.00	34.49 0.92 0.00	30.00 0.82 0.00	29.25 0.95 0.00	28.99 0.97 0.00	33.25 0.89 0.00	34.00 0.76 0.00	32.22 0.77 0.00	29.81 0.52 -5.57	34.98 0.77 0.00	36.15 0.73 0.00	36.06 0.61 0.00	34.18 0.53 0.00	30.68 0.45 0.00	28.09 0.41 0.00	24.33 0.39 0.00	25.76 0.43 0.00	30.60 0.46 0.00	37.47 0.44 0.00	49.56 0.39 0.00	54.40 0.46 0.00	48.55 0.46 0.00	43.21 0.50 0.00	43.36 0.45 0.00

GILBOA____ 23599	35.57 0.95 0.00	34.49 0.93 0.00	30.00 0.82 0.00	29.25 0.95 0.00	28.99 0.97 0.00	33.25 0.89 0.00	34.00 0.75 0.00	32.22 0.77 0.00	29.81 0.52 -5.57	34.98 0.77 0.00	36.14 0.72 0.00	36.06 0.61 0.00	34.18 0.53 0.00	30.68 0.45 0.00	28.09 0.42 0.00	24.33 0.39 0.00	25.76 0.43 0.00	30.60 0.46 0.00	37.47 0.43 0.00	49.56 0.39 0.00	54.40 0.47 0.00	48.55 0.46 0.00	43.21 0.50 0.00	43.36 0.46 0.00
GINNA____ 23603	32.74 -1.88 0.00	31.73 -1.84 0.00	27.56 -1.61 0.00	26.67 -1.62 0.00	26.33 -1.69 0.00	30.58 -1.79 0.00	31.34 -1.90 0.00	29.53 -1.92 0.00	22.25 -1.48 0.00	32.15 -2.06 0.00	33.41 -2.01 0.00	33.69 -1.76 0.00	32.03 -1.62 0.00	28.79 -1.44 0.00	26.33 -1.34 0.00	22.68 -1.26 0.00	23.97 -1.37 0.00	28.57 -1.56 0.00	35.31 -1.72 0.00	46.77 -2.39 0.00	51.13 -2.81 0.00	45.48 -2.60 0.00	40.29 -2.41 0.00	40.53 -2.38 0.00
GLEN PARK____ 23778	36.14 1.52 0.00	35.08 1.51 0.00	30.51 1.34 0.00	29.58 1.28 0.00	29.30 1.27 0.00	34.04 1.67 0.00	34.93 1.68 0.00	32.81 1.36 0.00	24.38 0.65 0.00	34.81 0.60 0.00	35.75 0.34 0.00	35.33 -0.13 0.00	33.59 -0.06 0.00	30.27 0.04 0.00	27.57 -0.10 0.00	23.73 -0.21 0.00	25.07 -0.27 0.00	29.87 -0.26 0.00	37.47 0.42 -0.02	50.74 1.57 0.00	56.80 2.86 0.00	51.29 3.21 0.00	45.51 2.80 0.00	45.46 2.55 0.00
GLENDALE_27_KV_LOAD 356172	36.77 2.15 0.00	35.74 2.17 0.00	31.01 1.83 0.00	29.99 1.69 0.00	29.71 1.69 0.00	34.33 1.97 0.00	35.50 2.25 0.00	33.67 2.22 0.00	55.17 1.67 -29.78	36.73 2.52 0.00	38.18 2.77 0.00	38.11 2.66 0.00	36.07 2.42 0.00	32.35 2.12 0.00	29.68 2.01 0.00	25.70 1.76 0.00	27.18 1.85 0.00	31.93 1.79 0.00	38.88 1.85 0.00	51.07 1.91 0.00	55.91 1.98 0.00	50.07 1.99 0.00	44.90 2.20 0.00	44.98 2.07 0.00
GLENWOOD_IC_1_G5 23712	36.82 2.20 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.95 1.65 0.00	29.68 1.65 0.00	34.27 1.91 0.00	35.35 2.09 0.00	33.53 2.07 0.00	54.95 1.55 -29.67	36.67 2.46 0.00	39.71 2.72 -1.58	38.43 2.59 -0.40	35.88 2.23 0.00	32.04 1.80 0.00	29.40 1.73 0.00	25.46 1.52 0.00	26.89 1.56 0.00	31.73 1.60 0.00	38.43 1.40 0.00	50.49 1.32 0.00	55.36 1.42 0.00	49.70 1.62 0.00	44.40 1.69 0.00	44.58 1.67 0.00
GLENWOOD_IC_2_G1 23688	36.64 2.02 0.00	35.54 1.97 0.00	30.83 1.65 0.00	29.83 1.53 0.00	29.56 1.53 0.00	34.13 1.76 0.00	35.20 1.95 0.00	33.39 1.93 0.00	54.83 1.43 -29.67	36.47 2.26 0.00	39.47 2.47 -1.58	38.19 2.34 -0.40	35.70 2.05 0.00	31.92 1.69 0.00	29.27 1.60 0.00	25.34 1.41 0.00	26.80 1.46 0.00	31.62 1.49 0.00	38.52 1.49 0.00	50.63 1.47 0.00	55.46 1.53 0.00	49.56 1.48 0.00	44.29 1.59 0.00	44.46 1.55 0.00
GLENWOOD_IC_3_G1 23689	36.64 2.02 0.00	35.54 1.97 0.00	30.83 1.65 0.00	29.83 1.53 0.00	29.56 1.53 0.00	34.13 1.76 0.00	35.20 1.95 0.00	33.39 1.93 0.00	54.83 1.43 -29.67	36.47 2.26 0.00	39.47 2.47 -1.58	38.19 2.34 -0.40	35.70 2.05 0.00	31.92 1.69 0.00	29.27 1.60 0.00	25.34 1.41 0.00	26.80 1.46 0.00	31.62 1.49 0.00	38.52 1.49 0.00	50.63 1.47 0.00	55.46 1.53 0.00	49.56 1.48 0.00	44.29 1.59 0.00	44.46 1.55 0.00
GLENWOOD____4 23550	36.82 2.20 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.95 1.65 0.00	29.68 1.65 0.00	34.27 1.91 0.00	35.35 2.09 0.00	33.53 2.07 0.00	54.95 1.55 -29.67	36.67 2.46 0.00	39.71 2.72 -1.58	38.43 2.59 -0.40	35.88 2.23 0.00	32.04 1.80 0.00	29.40 1.73 0.00	25.46 1.52 0.00	26.89 1.56 0.00	31.74 1.61 0.00	38.52 1.49 0.00	50.62 1.45 0.00	55.46 1.52 0.00	49.70 1.62 0.00	44.40 1.69 0.00	44.58 1.67 0.00
GLENWOOD____5 23614	36.82 2.20 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.95 1.65 0.00	29.68 1.65 0.00	34.27 1.91 0.00	35.35 2.09 0.00	33.53 2.07 0.00	54.95 1.55 -29.67	36.67 2.46 0.00	39.71 2.72 -1.58	38.43 2.59 -0.40	35.88 2.23 0.00	32.04 1.80 0.00	29.40 1.73 0.00	25.46 1.52 0.00	26.89 1.56 0.00	31.74 1.61 0.00	38.52 1.49 0.00	50.62 1.45 0.00	55.46 1.52 0.00	49.70 1.62 0.00	44.40 1.69 0.00	44.58 1.67 0.00
GLOBAL GREEN_PORT_GT1 23814	37.12 2.50 0.00	35.99 2.43 0.00	31.19 2.01 0.00	30.09 1.79 0.00	29.81 1.79 0.00	34.45 2.09 0.00	35.55 2.30 0.00	33.86 2.41 0.00	55.36 1.97 -29.67	37.49 3.28 0.00	40.76 3.76 -1.58	39.45 3.61 -0.40	36.44 2.79 0.00	32.16 1.93 0.00	29.61 1.94 0.00	25.65 1.71 0.00	27.06 1.73 0.00	32.11 1.98 0.00	39.00 1.97 0.00	51.02 1.85 0.00	56.16 2.22 0.00	50.51 2.43 0.00	45.21 2.51 0.00	45.75 2.85 0.00
GLOBE____DSASP 323697	32.89 -1.73 0.00	31.93 -1.63 0.00	27.87 -1.31 0.00	26.88 -1.42 0.00	26.49 -1.53 0.00	30.89 -1.47 0.00	31.35 -1.90 0.00	29.37 -2.09 0.00	22.22 -1.51 0.00	32.17 -2.04 0.00	33.62 -1.80 0.00	34.33 -1.12 0.00	32.66 -0.99 0.00	29.43 -0.80 0.00	26.81 -0.86 0.00	22.87 -1.06 0.00	23.99 -1.35 0.00	28.55 -1.58 0.00	35.19 -1.84 0.00	46.02 -3.14 0.00	50.24 -3.70 0.00	44.80 -3.28 0.00	39.94 -2.76 0.00	40.88 -2.03 0.00
GOETHSLN____LBMP 323567	36.45 1.83 0.00	35.35 1.79 0.00	30.66 1.48 0.00	29.66 1.36 0.00	29.40 1.37 0.00	33.95 1.58 0.00	35.07 1.82 0.00	33.26 1.80 0.00	54.90 1.36 -29.81	36.35 2.13 0.00	37.71 2.29 0.00	37.65 2.19 0.00	35.66 2.01 0.00	31.98 1.76 0.00	29.30 1.63 0.00	25.37 1.44 0.00	26.85 1.52 0.00	31.60 1.46 0.00	38.49 1.46 0.00	50.53 1.36 0.00	55.35 1.41 0.00	49.46 1.37 0.00	44.32 1.62 0.00	44.44 1.53 0.00
GOLAH____69_KV_TB 1_2 80279	34.43 -0.19 0.00	33.44 -0.13 0.00	29.09 -0.08 0.00	28.08 -0.22 0.00	27.74 -0.28 0.00	32.26 -0.10 0.00	33.06 -0.20 0.00	31.01 -0.44 0.00	23.30 -0.42 0.00	33.64 -0.57 0.00	35.03 -0.39 0.00	35.45 -0.01 0.00	33.70 0.05 0.00	30.27 0.04 0.00	27.68 0.01 0.00	23.77 -0.16 0.00	25.06 -0.27 0.00	29.87 -0.26 0.00	36.92 -0.11 0.00	48.92 -0.25 0.00	53.63 -0.31 0.00	47.76 -0.32 0.00	42.31 -0.39 0.00	42.69 -0.22 0.00
GOODYEAR_LAKE_HYD 323669	35.54 0.92 0.00	34.50 0.93 0.00	29.93 0.74 0.00	28.98 0.68 0.00	28.69 0.67 0.00	33.28 0.91 0.00	34.27 1.02 0.00	32.29 0.84 0.00	24.30 0.57 0.00	35.05 0.84 0.00	36.39 0.97 0.00	36.51 1.06 0.00	34.73 1.08 0.00	31.20 0.97 0.00	28.57 0.89 0.00	24.69 0.75 0.00	26.13 0.80 0.00	31.05 0.91 0.00	38.21 1.17 0.00	50.72 1.55 0.00	55.58 1.64 0.00	49.48 1.40 0.00	43.97 1.27 0.00	44.08 1.17 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.67 0.06 0.00	33.53 -0.03 0.00	29.10 -0.08 0.00	28.21 -0.08 0.00	27.94 -0.09 0.00	32.40 0.03 0.00	33.32 0.07 0.00	31.41 -0.04 0.00	23.60 -0.13 0.00	34.06 -0.15 0.00	35.33 -0.08 0.00	35.45 0.00 0.00	33.72 0.06 0.00	30.30 0.07 0.00	27.67 0.00 0.00	23.90 -0.04 0.00	25.35 0.02 0.00	30.14 0.01 0.00	37.13 0.09 -0.01	49.12 -0.05 0.00	53.77 -0.17 0.00	47.89 -0.20 0.00	42.69 -0.01 0.00	42.76 -0.15 0.00

GOUDEY___7 23579	34.67 0.06 0.00	33.53 -0.03 0.00	29.10 -0.08 0.00	28.21 -0.08 0.00	27.94 -0.09 0.00	32.40 0.03 0.00	33.32 0.07 0.00	31.41 -0.04 0.00	23.60 -0.13 0.00	34.06 -0.15 0.00	35.33 -0.08 0.00	35.45 0.00 0.00	33.72 0.06 0.00	30.30 0.07 0.00	27.67 0.00 0.00	23.90 -0.04 0.00	25.35 0.02 0.00	30.14 0.01 0.00	37.13 0.09 -0.01	49.12 -0.05 0.00	53.77 -0.17 0.00	47.89 -0.20 0.00	42.69 -0.01 0.00	42.76 -0.15 0.00
GOUDEY___8 23580	34.67 0.06 0.00	33.53 -0.03 0.00	29.10 -0.08 0.00	28.21 -0.08 0.00	27.94 -0.09 0.00	32.40 0.03 0.00	33.32 0.07 0.00	31.41 -0.04 0.00	23.60 -0.13 0.00	34.06 -0.15 0.00	35.33 -0.08 0.00	35.45 0.00 0.00	33.72 0.06 0.00	30.30 0.07 0.00	27.67 0.00 0.00	23.90 -0.04 0.00	25.35 0.02 0.00	30.14 0.01 0.00	37.13 0.09 -0.01	49.12 -0.05 0.00	53.77 -0.17 0.00	47.89 -0.20 0.00	42.69 -0.01 0.00	42.76 -0.15 0.00
GOWANUS_GT1_1 24077	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT1_2 24078	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT1_3 24079	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT1_4 24080	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT1_5 24084	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT1_6 24111	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55															

GOWANUS_GT2_6 24119	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.63 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT2_7 24120	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.63 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT2_8 24121	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.63 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_1 24122	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_2 24123	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_3 24124	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_4 24125	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_5 24126	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_6 24127	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_7 24128	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT3_8 24129	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT4_1 24130	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT4_2 24131	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT4_3 24132	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT4_4 24133	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00

GOWANUS_GT4_5 24134	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT4_6 24135	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT4_7 24136	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GOWANUS_GT4_8 24137	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GREATVR_69_KV_BK1 356245	37.55 2.93 0.00	36.44 2.87 0.00	31.59 2.42 0.00	30.50 2.20 0.00	30.20 2.18 0.00	34.89 2.53 0.00	35.94 2.69 0.00	34.09 2.63 0.00	55.44 2.04 -29.67	37.54 3.33 0.00	40.73 3.73 -1.58	39.38 3.54 -0.40	36.48 2.83 0.00	32.25 2.02 0.00	29.64 1.97 0.00	25.65 1.72 0.00	27.05 1.72 0.00	31.92 1.79 0.00	38.95 1.92 0.00	51.03 1.86 0.00	55.78 1.84 0.00	49.76 1.68 0.00	44.54 1.84 0.00	44.94 2.03 0.00
GREENBSH_115KV_TB3 55895	35.03 0.41 0.00	33.96 0.39 0.00	29.60 0.42 0.00	28.79 0.49 0.00	28.56 0.53 0.00	32.81 0.44 0.00	33.65 0.40 0.00	31.93 0.48 0.00	28.97 0.31 -4.93	34.64 0.43 0.00	35.67 0.25 0.00	35.55 0.10 0.00	33.71 0.06 0.00	30.27 0.04 0.00	27.65 -0.02 0.00	23.96 0.02 0.00	25.40 0.07 0.00	30.23 0.10 0.00	37.03 0.00 0.00	49.06 -0.11 0.00	53.87 -0.07 0.00	48.06 -0.02 0.00	42.70 0.00 0.00	42.90 -0.01 0.00
GREENDGE_115KV_TB5 80291	34.47 -0.15 0.00	33.37 -0.20 0.00	28.99 -0.19 0.00	28.08 -0.22 0.00	27.81 -0.22 0.00	32.33 -0.04 0.00	33.22 -0.04 0.00	31.23 -0.22 0.00	23.40 -0.33 0.00	33.66 -0.55 0.00	34.86 -0.56 0.00	35.03 -0.42 0.00	33.41 -0.24 0.00	30.05 -0.18 0.00	27.45 -0.22 0.00	23.62 -0.31 0.00	25.02 -0.31 0.00	29.83 -0.31 0.00	36.91 -0.13 -0.01	48.92 -0.25 0.00	53.67 -0.27 0.00	47.83 -0.25 0.00	42.78 0.07 0.00	42.90 -0.01 0.00
GREENIDGE___3 23582	34.47 -0.15 0.00	33.37 -0.20 0.00	28.99 -0.19 0.00	28.08 -0.22 0.00	27.81 -0.22 0.00	32.33 -0.04 0.00	33.22 -0.04 0.00	31.23 -0.22 0.00	23.40 -0.33 0.00	33.66 -0.55 0.00	34.86 -0.56 0.00	35.03 -0.42 0.00	33.41 -0.24 0.00	30.05 -0.18 0.00	27.45 -0.22 0.00	23.62 -0.31 0.00	25.02 -0.31 0.00	29.83 -0.31 0.00	36.91 -0.13 -0.01	48.92 -0.25 0.00	53.67 -0.27 0.00	47.83 -0.25 0.00	42.78 0.07 0.00	42.90 -0.01 0.00
GREENIDGE___4 23583	34.47 -0.15 0.00	33.37 -0.20 0.00	28.99 -0.18 0.00	28.08 -0.21 0.00	27.81 -0.22 0.00	32.33 -0.04 0.00	33.22 -0.04 0.00	31.22 -0.23 0.00	23.40 -0.33 0.00	33.66 -0.55 0.00	34.85 -0.57 0.00	35.03 -0.42 0.00	33.41 -0.24 0.00	30.05 -0.18 0.00	27.45 -0.22 0.00	23.62 -0.31 0.00	25.02 -0.31 0.00	29.83 -0.31 0.00	36.91 -0.13 -0.01	48.92 -0.25 0.00	53.67 -0.27 0.00	47.82 -0.26 0.00	42.78 0.07 0.00	42.90 -0.01 0.00
GREENLWN_69_KV_BK 3 55738	36.78 2.17 0.00	35.80 2.23 0.00	31.07 1.90 0.00	30.03 1.73 0.00	29.73 1.70 0.00	34.31 1.94 0.00	35.32 2.07 0.00	33.45 1.99 0.00	54.92 1.52 -29.67	36.77 2.56 0.00	39.91 2.91 -1.58	38.57 2.73 -0.40	35.74 2.09 0.00	31.66 1.43 0.00	29.10 1.43 0.00	25.19 1.26 0.00	26.57 1.24 0.00	31.37 1.23 0.00	38.22 1.19 0.00	50.11 0.95 0.00	54.81 0.87 0.00	48.89 0.81 0.00	43.84 1.14 0.00	44.25 1.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
GRISSOM___SOLAR 323813	36.43 1.81 0.00	35.29 1.73 0.00	30.60 1.42 0.00	29.67 1.38 0.00	29.42 1.39 0.00	34.05 1.68 0.00	35.00 1.75 0.00	32.83 1.38 0.00	24.39 0.67 0.00	34.83 0.61 0.00	35.96 0.55 0.00	36.00 0.55 0.00	34.23 0.58 0.00	30.72 0.49 0.00	28.25 0.58 0.00	24.38 0.45 0.00	25.84 0.51 0.00	30.92 0.78 0.00	38.51 1.48 0.00	51.62 2.45 0.00	56.91 2.98 0.00	50.72 2.64 0.00	44.96 2.26 0.00	45.11 2.20 0.00
GROVEVILLE___HYD 323602	36.46 1.84 0.00	35.34 1.77 0.00	30.67 1.49 0.00	29.70 1.41 0.00	29.45 1.42 0.00	33.97 1.60 0.00	35.02 1.78 0.00	33.25 1.79 0.00	25.03 1.30 0.00	36.21 2.00 0.00	37.49 2.08 0.00	37.45 2.00 0.00	35.44 1.79 0.00	31.79 1.56 0.00	29.11 1.44 0.00	25.20 1.27 0.00	26.71 1.38 0.00	31.66 1.52 0.00	38.69 1.66 0.00	50.99 1.82 0.00	55.90 1.96 0.00	49.88 1.80 0.00	44.47 1.77 0.00	44.52 1.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.30 -0.32 0.00	33.22 -0.35 0.00	28.84 -0.34 0.00	27.96 -0.34 0.00	27.70 -0.33 0.00	32.08 -0.29 0.00	32.95 -0.30 0.00	31.12 -0.33 0.00	23.39 -0.34 0.00	33.72 -0.49 0.00	34.90 -0.52 0.00	35.00 -0.45 0.00	33.27 -0.38 0.00	29.91 -0.32 0.00	27.36 -0.31 0.00	23.66 -0.27 0.00	25.05 -0.28 0.00	29.81 -0.32 0.00	36.76 -0.31 -0.03	48.72 -0.45 0.00	53.38 -0.56 0.00	47.59 -0.49 0.00	42.25 -0.45 0.00	42.37 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	34.42 -0.20 0.00	33.33 -0.23 0.00	28.94 -0.24 0.00	28.04 -0.25 0.00	27.79 -0.24 0.00	32.19 -0.18 0.00	33.06 -0.19 0.00	31.18 -0.27 0.00	23.41 -0.32 0.00	33.74 -0.47 0.00	34.95 -0.46 0.00	35.10 -0.35 0.00	33.47 -0.19 0.00	30.03 -0.20 0.00	27.46 -0.21 0.00	23.71 -0.22 0.00	25.09 -0.24 0.00	29.86 -0.27 0.00	36.84 -0.22 -0.03	48.92 -0.25 0.00	53.60 -0.34 0.00	47.76 -0.32 0.00	42.40 -0.31 0.00	42.53 -0.38 0.00

HAMPSHIRE___PAPER_HYD 323593	35.38 0.76 0.00	34.45 0.89 0.00	29.96 0.78 0.00	28.98 0.69 0.00	28.67 0.64 0.00	33.21 0.85 0.00	34.14 0.89 0.00	32.19 0.73 0.00	24.11 0.38 0.00	34.54 0.33 0.00	35.79 0.37 0.00	35.73 0.28 0.00	33.87 0.22 0.00	30.28 0.05 0.00	27.70 0.03 0.00	23.90 -0.04 0.00	25.23 -0.11 0.00	29.98 -0.16 0.00	37.25 0.20 -0.01	50.09 0.92 0.00	55.51 1.58 0.00	49.76 1.68 0.00	44.28 1.57 0.00	44.66 1.75 0.00
HARDSCRABBLE_WT_PWR 323673	34.87 0.26 0.00	33.75 0.19 0.00	29.25 0.07 0.00	28.45 0.15 0.00	28.31 0.28 0.00	32.71 0.35 0.00	33.61 0.36 0.00	31.69 0.24 0.00	23.55 -0.17 0.00	33.81 -0.40 0.00	34.75 -0.67 0.00	34.76 -0.69 0.00	32.87 -0.78 0.00	29.51 -0.72 0.00	27.09 -0.59 0.00	23.42 -0.52 0.00	24.85 -0.48 0.00	29.73 -0.40 0.00	36.86 -0.17 0.00	49.02 -0.15 0.00	53.86 -0.08 0.00	48.01 -0.07 0.00	42.74 0.04 0.00	42.70 -0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.27 1.66 0.00	35.19 1.63 0.00	30.53 1.36 0.00	29.55 1.26 0.00	29.28 1.26 0.00	33.81 1.44 0.00	34.89 1.64 0.00	33.06 1.60 0.00	-4.90 1.15 29.77	36.03 1.82 0.00	37.34 1.93 0.00	37.31 1.86 0.00	35.36 1.71 0.00	31.73 1.50 0.00	29.03 1.36 0.00	25.12 1.18 0.00	26.61 1.28 0.00	31.50 1.36 0.00	38.50 1.47 0.00	50.72 1.55 0.00	55.65 1.71 0.00	49.66 1.57 0.00	44.30 1.60 0.00	44.37 1.46 0.00
HARSNRAD_115KV_TB1 81005	33.50 -1.12 0.00	32.57 -0.99 0.00	28.38 -0.80 0.00	27.38 -0.92 0.00	26.99 -1.04 0.00	31.51 -0.86 0.00	31.95 -1.30 0.00	29.91 -1.55 0.00	22.59 -1.14 0.00	32.68 -1.53 0.00	34.16 -1.26 0.00	34.86 -0.60 0.00	33.17 -0.48 0.00	29.85 -0.38 0.00	27.19 -0.48 0.00	23.20 -0.73 0.00	24.29 -1.04 0.00	28.93 -1.21 0.00	35.69 -1.34 0.00	46.95 -2.22 0.00	51.48 -2.46 0.00	45.91 -2.17 0.00	40.80 -1.90 0.00	41.62 -1.29 0.00
HARZA MOOSE___RIVER 24016	35.63 1.01 0.00	34.55 0.99 0.00	30.02 0.85 0.00	29.10 0.80 0.00	28.82 0.80 0.00	33.39 1.03 0.00	34.33 1.08 0.00	32.36 0.91 0.00	24.24 0.51 0.00	34.74 0.53 0.00	35.87 0.45 0.00	35.81 0.36 0.00	34.00 0.35 0.00	30.50 0.27 0.00	27.92 0.24 0.00	24.11 0.17 0.00	25.48 0.14 0.00	30.36 0.22 0.00	37.69 0.65 -0.01	50.47 1.31 0.00	55.78 1.85 0.00	49.93 1.84 0.00	44.31 1.61 0.00	44.40 1.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.03 -0.58 0.00	32.95 -0.62 0.00	28.63 -0.55 0.00	27.75 -0.55 0.00	27.48 -0.55 0.00	31.80 -0.57 0.00	32.68 -0.57 0.00	30.87 -0.58 0.00	23.22 -0.51 0.00	33.50 -0.71 0.00	34.69 -0.73 0.00	34.78 -0.67 0.00	33.06 -0.59 0.00	29.72 -0.51 0.00	27.19 -0.48 0.00	23.52 -0.42 0.00	24.89 -0.45 0.00	29.62 -0.52 0.00	36.48 -0.57 -0.02	48.32 -0.85 0.00	52.96 -0.98 0.00	47.20 -0.88 0.00	41.92 -0.79 0.00	42.05 -0.86 0.00
HELLGATE_13_KV_LD 55870	36.85 2.23 0.00	35.82 2.25 0.00	31.09 1.91 0.00	30.05 1.75 0.00	29.77 1.74 0.00	34.40 2.03 0.00	35.57 2.32 0.00	33.74 2.29 0.00	55.22 1.71 -29.78	36.80 2.59 0.00	38.24 2.82 0.00	38.17 2.72 0.00	36.12 2.47 0.00	32.39 2.16 0.00	29.72 2.05 0.00	25.73 1.80 0.00	27.22 1.89 0.00	31.95 1.82 0.00	38.92 1.89 0.00	51.12 1.95 0.00	55.99 2.05 0.00	50.13 2.05 0.00	44.97 2.26 0.00	45.05 2.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.85 2.23 0.00	35.82 2.25 0.00	31.09 1.91 0.00	30.05 1.75 0.00	29.77 1.74 0.00	34.40 2.03 0.00	35.57 2.32 0.00	33.74 2.29 0.00	55.22 1.71 -29.78	36.80 2.59 0.00	38.24 2.82 0.00	38.17 2.72 0.00	36.12 2.47 0.00	32.39 2.16 0.00	29.72 2.05 0.00	25.73 1.80 0.00	27.22 1.89 0.00	31.95 1.82 0.00	38.92 1.89 0.00	51.12 1.95 0.00	55.99 2.05 0.00	50.13 2.05 0.00	44.97 2.26 0.00	45.05 2.14 0.00
HEMPSTEAD____ 23647	36.74 2.12 0.00	35.64 2.08 0.00	30.92 1.74 0.00	29.88 1.58 0.00	29.60 1.58 0.00	34.20 1.83 0.00	35.25 2.00 0.00	33.43 1.98 0.00	54.90 1.50 -29.67	36.63 2.42 0.00	39.69 2.69 -1.58	38.37 2.52 -0.40	35.72 2.07 0.00	31.81 1.58 0.00	29.21 1.53 0.00	25.29 1.35 0.00	26.68 1.35 0.00	31.49 1.36 0.00	38.31 1.28 0.00	50.31 1.15 0.00	55.09 1.15 0.00	49.25 1.17 0.00	44.07 1.37 0.00	44.32 1.41 0.00
HICKLING___1 23621	34.50 -0.12 0.00	33.33 -0.24 0.00	28.95 -0.23 0.00	28.07 -0.22 0.00	27.80 -0.23 0.00	32.33 -0.03 0.00	33.24 -0.01 0.00	31.23 -0.23 0.00	23.85 0.12 0.00	34.38 0.17 0.00	35.35 -0.07 0.00	35.29 -0.17 0.00	33.68 0.02 0.00	30.28 0.05 0.00	27.64 -0.03 0.00	23.78 -0.16 0.00	25.23 -0.10 0.00	30.01 -0.12 0.00	37.10 0.06 -0.01	49.09 -0.08 0.00	53.81 -0.12 0.00	47.86 -0.23 0.00	42.75 0.05 0.00	42.83 -0.08 0.00
HICKLING___2 23622	34.50 -0.12 0.00	33.33 -0.24 0.00	28.95 -0.23 0.00	28.07 -0.22 0.00	27.80 -0.23 0.00	32.33 -0.03 0.00	33.24 -0.01 0.00	31.23 -0.23 0.00	23.85 0.12 0.00	34.38 0.17 0.00	35.35 -0.07 0.00	35.29 -0.17 0.00	33.68 0.02 0.00	30.28 0.05 0.00	27.64 -0.03 0.00	23.78 -0.16 0.00	25.23 -0.10 0.00	30.01 -0.12 0.00	37.10 0.06 -0.01	49.09 -0.08 0.00	53.81 -0.12 0.00	47.86 -0.23 0.00	42.75 0.05 0.00	42.83 -0.08 0.00
HIGH FALLS___HY 23754	36.36 1.74 0.00	35.26 1.69 0.00	30.57 1.39 0.00	29.58 1.28 0.00	29.31 1.28 0.00	33.85 1.48 0.00	34.92 1.67 0.00	33.14 1.69 0.00	24.97 1.24 0.00	36.18 1.97 0.00	37.50 2.08 0.00	37.42 1.97 0.00	35.43 1.78 0.00	31.60 1.37 0.00	28.90 1.23 0.00	25.01 1.07 0.00	26.49 1.16 0.00	31.46 1.33 0.00	38.54 1.51 0.00	50.84 1.67 0.00	55.77 1.83 0.00	49.96 1.87 0.00	44.53 1.83 0.00	44.53 1.62 0.00
HIGH_RIVER___SOLAR 323847	35.87 1.25 0.00	34.76 1.19 0.00	30.18 1.01 0.00	29.30 1.00 0.00	29.05 1.02 0.00	33.54 1.17 0.00	34.42 1.17 0.00	32.37 0.92 0.00	28.02 0.36 -3.94	34.44 0.23 0.00	35.46 0.04 0.00	35.43 -0.03 0.00	33.67 0.01 0.00	30.25 0.02 0.00	27.75 0.08 0.00	23.98 0.04 0.00	25.48 0.15 0.00	30.49 0.35 0.00	37.90 0.87 0.00	50.57 1.41 0.00	55.71 1.77 0.00	49.68 1.60 0.00	44.10 1.40 0.00	44.25 1.34 0.00
HILLBURN___GT 23639	36.23 1.62 0.00	35.18 1.62 0.00	30.52 1.34 0.00	29.54 1.24 0.00	29.27 1.24 0.00	33.79 1.43 0.00	34.89 1.64 0.00	33.05 1.59 0.00	-9.60 1.12 34.44	36.00 1.79 0.00	37.32 1.91 0.00	37.28 1.83 0.00	35.34 1.69 0.00	31.70 1.47 0.00	29.00 1.33 0.00	25.10 1.17 0.00	26.59 1.25 0.00	31.41 1.28 0.00	38.32 1.29 0.00	50.43 1.27 0.00	55.35 1.41 0.00	49.42 1.34 0.00	44.17 1.47 0.00	44.27 1.36 0.00
HILLSIDE_115KV_TB1 80332	34.23 -0.39 0.00	33.01 -0.55 0.00	28.63 -0.55 0.00	27.78 -0.52 0.00	27.52 -0.51 0.00	31.98 -0.39 0.00	32.90 -0.35 0.00	30.94 -0.52 0.00	23.26 -0.46 0.00	33.60 -0.61 0.00	34.90 -0.52 0.00	35.01 -0.44 0.00	33.36 -0.29 0.00	29.99 -0.24 0.00	27.34 -0.33 0.00	23.55 -0.39 0.00	25.03 -0.31 0.00	29.73 -0.40 0.00	36.69 -0.36 -0.01	48.45 -0.72 0.00	53.02 -0.92 0.00	47.18 -0.90 0.00	42.23 -0.47 0.00	42.24 -0.67 0.00

HISHELDN_WT_PWR 323625	33.45 -1.17 0.00	32.50 -1.07 0.00	28.34 -0.83 0.00	27.37 -0.93 0.00	27.04 -0.99 0.00	31.54 -0.83 0.00	32.13 -1.12 0.00	30.01 -1.44 0.00	22.61 -1.12 0.00	32.77 -1.44 0.00	34.15 -1.26 0.00	34.71 -0.74 0.00	33.15 -0.50 0.00	29.86 -0.37 0.00	27.21 -0.46 0.00	23.23 -0.71 0.00	24.44 -0.90 0.00	29.07 -1.06 0.00	35.99 -1.04 0.00	47.61 -1.56 0.00	52.29 -1.65 0.00	46.58 -1.50 0.00	41.50 -1.20 0.00	42.08 -0.83 0.00
HOLTSVILLE_IC_1 23690	36.96 2.34 0.00	35.92 2.36 0.00	31.16 1.98 0.00	30.10 1.80 0.00	29.80 1.78 0.00	34.41 2.04 0.00	35.40 2.15 0.00	33.56 2.11 0.00	55.04 1.64 -29.67	36.95 2.74 0.00	40.11 3.11 -1.58	38.75 2.91 -0.40	35.90 2.25 0.00	31.72 1.49 0.00	29.13 1.46 0.00	25.20 1.27 0.00	26.55 1.22 0.00	31.32 1.19 0.00	38.17 1.14 0.00	49.96 0.79 0.00	54.63 0.69 0.00	48.76 0.68 0.00	43.69 0.98 0.00	44.18 1.27 0.00
HOLTSVILLE_IC_10 23699	37.15 2.53 0.00	36.10 2.53 0.00	31.31 2.13 0.00	30.23 1.93 0.00	29.93 1.91 0.00	34.57 2.20 0.00	35.58 2.33 0.00	33.74 2.28 0.00	55.18 1.78 -29.67	37.17 2.96 0.00	40.34 3.34 -1.58	39.00 3.15 -0.40	36.12 2.47 0.00	31.89 1.66 0.00	29.28 1.61 0.00	25.33 1.40 0.00	26.69 1.35 0.00	31.49 1.35 0.00	38.39 1.36 0.00	50.23 1.07 0.00	54.91 0.98 0.00	49.01 0.93 0.00	43.89 1.18 0.00	44.37 1.46 0.00
HOLTSVILLE_IC_2 23691	36.96 2.34 0.00	35.92 2.36 0.00	31.16 1.98 0.00	30.10 1.80 0.00	29.80 1.78 0.00	34.41 2.04 0.00	35.40 2.15 0.00	33.56 2.11 0.00	55.04 1.64 -29.67	36.95 2.74 0.00	40.11 3.11 -1.58	38.75 2.91 -0.40	35.90 2.25 0.00	31.72 1.49 0.00	29.13 1.46 0.00	25.20 1.27 0.00	26.55 1.22 0.00	31.32 1.19 0.00	38.17 1.14 0.00	49.96 0.79 0.00	54.63 0.69 0.00	48.76 0.68 0.00	43.69 0.98 0.00	44.18 1.27 0.00
HOLTSVILLE_IC_3 23692	36.96 2.34 0.00	35.92 2.36 0.00	31.16 1.98 0.00	30.10 1.80 0.00	29.80 1.78 0.00	34.41 2.04 0.00	35.40 2.15 0.00	33.56 2.11 0.00	55.04 1.64 -29.67	36.95 2.74 0.00	40.11 3.11 -1.58	38.75 2.91 -0.40	35.90 2.25 0.00	31.72 1.49 0.00	29.13 1.46 0.00	25.20 1.27 0.00	26.55 1.22 0.00	31.32 1.19 0.00	38.17 1.14 0.00	49.96 0.79 0.00	54.63 0.69 0.00	48.76 0.68 0.00	43.69 0.98 0.00	44.18 1.27 0.00
HOLTSVILLE_IC_4 23693	36.96 2.34 0.00	35.92 2.36 0.00	31.16 1.98 0.00	30.10 1.80 0.00	29.80 1.78 0.00	34.41 2.04 0.00	35.40 2.15 0.00	33.56 2.11 0.00	55.04 1.64 -29.67	36.95 2.74 0.00	40.11 3.11 -1.58	38.75 2.91 -0.40	35.90 2.25 0.00	31.72 1.49 0.00	29.13 1.46 0.00	25.20 1.27 0.00	26.55 1.22 0.00	31.32 1.19 0.00	38.17 1.14 0.00	49.96 0.79 0.00	54.63 0.69 0.00	48.76 0.68 0.00	43.69 0.98 0.00	44.18 1.27 0.00
HOLTSVILLE_IC_5 23694	36.96 2.34 0.00	35.92 2.36 0.00	31.16 1.98 0.00	30.10 1.80 0.00	29.80 1.78 0.00	34.41 2.04 0.00	35.40 2.15 0.00	33.56 2.11 0.00	55.04 1.64 -29.67	36.95 2.74 0.00	40.11 3.11 -1.58	38.75 2.91 -0.40	35.90 2.25 0.00	31.72 1.49 0.00	29.13 1.46 0.00	25.20 1.27 0.00	26.55 1.22 0.00	31.32 1.19 0.00	38.17 1.14 0.00	49.96 0.79 0.00	54.63 0.69 0.00	48.76 0.68 0.00	43.69 0.98 0.00	44.18 1.27 0.00
HOLTSVILLE_IC_6 23695	37.15 2.53 0.00	36.10 2.53 0.00	31.31 2.13 0.00	30.23 1.93 0.00	29.93 1.91 0.00	34.57 2.20 0.00	35.58 2.33 0.00	33.74 2.28 0.00	55.18 1.78 -29.67	37.17 2.96 0.00	40.34 3.34 -1.58	39.00 3.15 -0.40	36.12 2.47 0.00	31.89 1.66 0.00	29.28 1.61 0.00	25.33 1.40 0.00	26.69 1.35 0.00	31.49 1.35 0.00	38.39 1.36 0.00	50.23 1.07 0.00	54.91 0.98 0.00	49.01 0.93 0.00	43.89 1.18 0.00	44.37 1.46 0.00
HOLTSVILLE_IC_7 23696	37.15 2.53 0.00	36.10 2.53 0.00	31.31 2.13 0.00	30.23 1.93 0.00	29.93 1.91 0.00	34.57 2.20 0.00	35.58 2.33 0.00	33.74 2.28 0.00	55.18 1.78 -29.67	37.17 2.96 0.00	40.34 3.34 -1.58	39.00 3.15 -0.40	36.12 2.47 0.00	31.89 1.66 0.00	29.28 1.61 0.00	25.33 1.40 0.00	26.69 1.35 0.00	31.49 1.35 0.00	38.39 1.36 0.00	50.23 1.07 0.00	54.91 0.98 0.00	49.01 0.93 0.00	43.89 1.18 0.00	44.37 1.46 0.00
HOLTSVILLE_IC_8 23697	37.15 2.53 0.00	36.10 2.53 0.00	31.31 2.13 0.00	30.23 1.93 0.00	29.93 1.91 0.00	34.57 2.20 0.00	35.58 2.33 0.00	33.74 2.28 0.00	55.18 1.78 -29.67	37.17 2.96 0.00	40.34 3.34 -1.58	39.00 3.15 -0.40	36.12 2.47 0.00	31.89 1.66 0.00	29.28 1.61 0.00	25.33 1.40 0.00	26.69 1.35 0.00	31.49 1.35 0.00	38.39 1.36 0.00	50.23 1.07 0.00	54.91 0.98 0.00	49.01 0.93 0.00	43.89 1.18 0.00	44.37 1.46 0.00
HOLTSVILLE_IC_9 23698	37.15 2.53 0.00	36.10 2.53 0.00	31.31 2.13 0.00	30.23 1.93 0.00	29.93 1.91 0.00	34.57 2.20 0.00	35.58 2.33 0.00	33.74 2.28 0.00	55.18 1.78 -29.67	37.17 2.96 0.00	40.34 3.34 -1.58	39.00 3.15 -0.40	36.12 2.47 0.00	31.89 1.66 0.00	29.28 1.61 0.00	25.33 1.40 0.00	26.69 1.35 0.00	31.49 1.35 0.00	38.39 1.36 0.00	50.23 1.07 0.00	54.91 0.98 0.00	49.01 0.93 0.00	43.89 1.18 0.00	44.37 1.46 0.00
HOMER_HL_115KV_TB2 355744	34.25 -0.37 0.00	33.21 -0.36 0.00	28.88 -0.30 0.00	27.95 -0.35 0.00	27.61 -0.42 0.00	32.18 -0.18 0.00	32.97 -0.28 0.00	30.94 -0.51 0.00	23.33 -0.40 0.00	33.77 -0.44 0.00	35.09 -0.32 0.00	35.45 0.00 0.00	33.74 0.08 0.00	30.36 0.14 0.00	27.62 -0.05 0.00	23.67 -0.26 0.00	25.09 -0.24 0.00	29.84 -0.30 0.00	36.66 -0.37 0.00	48.27 -0.90 0.00	52.83 -1.11 0.00	47.14 -0.94 0.00	42.08 -0.63 0.00	42.29 -0.62 0.00
HOWARD_WT_PWR 323690	33.59 -1.03 0.00	32.73 -0.84 0.00	28.59 -0.58 0.00	27.68 -0.62 0.00	27.46 -0.56 0.00	32.00 -0.37 0.00	32.71 -0.54 0.00	30.49 -0.96 0.00	22.74 -0.98 0.00	32.93 -1.28 0.00	34.24 -1.17 0.00	34.51 -0.94 0.00	33.05 -0.60 0.00	29.92 -0.31 0.00	27.38 -0.29 0.00	23.34 -0.60 0.00	24.73 -0.60 0.00	29.40 -0.74 0.00	36.44 -0.59 -0.01	48.61 -0.56 0.00	53.63 -0.31 0.00	47.66 -0.43 0.00	42.63 -0.07 0.00	43.05 0.14 0.00
HQ_GEN_CEDARS 23644	34.70 0.08 0.00	33.97 0.40 0.00	29.54 0.36 0.00	28.57 0.27 0.00	28.23 0.21 0.00	32.67 0.30 0.00	33.57 0.32 0.00	31.77 0.32 0.00	24.00 0.27 0.00	34.51 0.30 0.00	36.01 0.59 0.00	36.16 0.71 0.00	34.32 0.67 0.00	30.78 0.55 0.00	28.20 0.52 0.00	24.35 0.41 0.00	25.73 0.40 0.00	30.63 0.49 0.00	37.77 0.73 0.00	50.44 1.27 0.00	55.47 1.53 0.00	49.45 1.37 0.00	43.86 1.15 0.00	44.37 1.46 0.00
HQ_GEN_CEDARS_PROXY 323590	34.70 0.08 0.00	33.97 0.40 0.00	29.54 0.36 0.00	28.57 0.27 0.00	28.24 0.21 0.00	32.67 0.30 0.00	33.57 0.32 0.00	31.78 0.32 0.00	24.00 0.27 0.00	34.52 0.30 -0.01	36.01 0.59 0.00	36.16 0.71 0.00	34.32 0.67 0.00	30.78 0.55 0.00	28.20 0.53 0.00	24.35 0.41 0.00	25.73 0.40 0.00	30.63 0.49 0.00	37.76 0.73 0.00	50.43 1.27 0.00	55.47 1.53 0.00	49.45 1.37 0.00	43.86 1.15 0.00	44.37 1.46 0.00

HQ_GEN_IMPORT 323601	34.61 0.00 0.00	33.60 0.03 0.00	29.22 0.04 0.00	28.32 0.02 0.00	28.02 0.00 0.00	32.37 0.01 0.00	33.26 0.01 0.00	31.47 0.01 0.00	23.83 0.10 0.00	34.34 0.13 0.00	35.61 0.19 0.00	35.69 0.23 0.00	33.89 0.24 0.00	30.44 0.21 0.00	27.87 0.20 0.00	24.10 0.16 0.00	25.50 0.16 0.00	30.35 0.21 0.00	37.32 0.29 0.00	49.71 0.54 0.00	54.54 0.60 0.00	48.60 0.51 0.00	43.08 0.37 0.00	43.39 0.48 0.00
HQ_GEN_WHEEL 23651	34.61 0.00 0.00	33.60 0.03 0.00	29.22 0.04 0.00	28.32 0.02 0.00	28.02 0.00 0.00	32.37 0.01 0.00	33.26 0.01 0.00	31.47 0.01 0.00	23.83 0.10 0.00	34.34 0.13 0.00	35.61 0.19 0.00	35.69 0.23 0.00	33.89 0.24 0.00	30.44 0.21 0.00	27.87 0.20 0.00	24.10 0.16 0.00	25.50 0.16 0.00	30.35 0.21 0.00	37.32 0.29 0.00	49.71 0.54 0.00	54.54 0.60 0.00	48.60 0.51 0.00	43.08 0.37 0.00	43.39 0.48 0.00
HUDSON AVE_GT_3 23810	36.70 2.09 0.00	35.58 2.02 0.00	30.87 1.69 0.00	29.87 1.57 0.00	29.60 1.58 0.00	34.18 1.82 0.00	35.30 2.05 0.00	33.50 2.04 0.00	55.06 1.53 -29.81	36.57 2.36 0.00	37.95 2.53 0.00	37.88 2.43 0.00	35.88 2.23 0.00	32.18 1.95 0.00	29.48 1.81 0.00	25.51 1.57 0.00	26.99 1.65 0.00	31.79 1.66 0.00	38.73 1.70 0.00	50.83 1.66 0.00	55.68 1.75 0.00	49.76 1.68 0.00	44.58 1.88 0.00	44.69 1.78 0.00
HUDSON AVE_GT_4 23540	36.70 2.09 0.00	35.58 2.02 0.00	30.87 1.69 0.00	29.87 1.57 0.00	29.60 1.58 0.00	34.18 1.82 0.00	35.30 2.05 0.00	33.50 2.04 0.00	55.06 1.53 -29.81	36.57 2.36 0.00	37.95 2.53 0.00	37.88 2.43 0.00	35.88 2.23 0.00	32.18 1.95 0.00	29.48 1.81 0.00	25.51 1.57 0.00	26.99 1.65 0.00	31.79 1.66 0.00	38.73 1.70 0.00	50.83 1.66 0.00	55.68 1.75 0.00	49.76 1.68 0.00	44.58 1.88 0.00	44.69 1.78 0.00
HUDSON AVE_GT_5 23657	36.70 2.09 0.00	35.58 2.02 0.00	30.87 1.69 0.00	29.87 1.57 0.00	29.60 1.58 0.00	34.18 1.82 0.00	35.30 2.05 0.00	33.50 2.04 0.00	55.06 1.53 -29.81	36.57 2.36 0.00	37.95 2.53 0.00	37.88 2.43 0.00	35.88 2.23 0.00	32.18 1.95 0.00	29.48 1.81 0.00	25.51 1.57 0.00	26.99 1.65 0.00	31.79 1.66 0.00	38.73 1.70 0.00	50.83 1.66 0.00	55.68 1.75 0.00	49.76 1.68 0.00	44.58 1.88 0.00	44.69 1.78 0.00
HUDSON_AVE_10 24168	36.64 2.02 0.00	35.51 1.95 0.00	30.82 1.64 0.00	29.81 1.52 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.23 1.98 0.00	33.44 1.99 0.00	55.01 1.47 -29.81	36.48 2.27 0.00	37.84 2.42 0.00	37.78 2.33 0.00	35.78 2.12 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.44 1.51 0.00	26.93 1.60 0.00	31.70 1.57 0.00	38.62 1.59 0.00	50.68 1.51 0.00	55.52 1.58 0.00	49.62 1.53 0.00	44.51 1.81 0.00	44.60 1.69 0.00
HUDSON___115KV_TB 4 355613	35.68 1.06 0.00	34.57 1.01 0.00	30.10 0.93 0.00	29.28 0.98 0.00	29.04 1.02 0.00	33.42 1.06 0.00	34.29 1.04 0.00	32.51 1.06 0.00	28.64 0.71 -4.20	35.16 0.95 0.00	36.09 0.67 0.00	35.89 0.44 0.00	34.02 0.37 0.00	30.49 0.27 0.00	27.87 0.20 0.00	24.16 0.22 0.00	25.65 0.32 0.00	30.57 0.43 0.00	37.64 0.61 0.00	50.22 1.06 0.00	55.28 1.34 0.00	49.25 1.17 0.00	43.69 0.98 0.00	43.82 0.91 0.00
HUNTER MOUNT___DRP 323613	35.77 1.15 0.00	34.65 1.08 0.00	30.17 0.99 0.00	29.35 1.05 0.00	29.11 1.09 0.00	33.50 1.14 0.00	34.36 1.11 0.00	32.59 1.13 0.00	24.50 0.77 0.00	35.21 1.00 0.00	36.14 0.73 0.00	35.95 0.50 0.00	34.04 0.39 0.00	30.52 0.29 0.00	27.91 0.23 0.00	24.21 0.27 0.00	25.74 0.40 0.00	30.70 0.56 0.00	37.86 0.82 0.00	50.53 1.36 0.00	55.59 1.65 0.00	49.50 1.42 0.00	43.88 1.17 0.00	43.99 1.08 0.00
HUNTINGTON_RES_REC 323705	36.97 2.35 0.00	35.93 2.36 0.00	31.18 2.00 0.00	30.12 1.82 0.00	29.81 1.79 0.00	34.42 2.06 0.00	35.44 2.19 0.00	33.58 2.13 0.00	55.05 1.65 -29.67	36.98 2.77 0.00	40.14 3.15 -1.58	38.80 2.96 -0.40	35.93 2.28 0.00	31.76 1.53 0.00	29.18 1.50 0.00	25.27 1.33 0.00	26.63 1.30 0.00	31.44 1.30 0.00	38.32 1.29 0.00	50.21 1.04 0.00	54.88 0.95 0.00	48.96 0.88 0.00	43.88 1.17 0.00	44.32 1.41 0.00
HUNTLEY___63 23557	33.73 -0.89 0.00	32.74 -0.83 0.00	28.52 -0.66 0.00	27.50 -0.79 0.00	27.12 -0.91 0.00	31.65 -0.71 0.00	32.15 -1.10 0.00	30.13 -1.33 0.00	22.78 -0.94 0.00	32.99 -1.22 0.00	34.50 -0.92 0.00	35.21 -0.24 0.00	33.51 -0.14 0.00	30.18 -0.05 0.00	27.50 -0.17 0.00	23.48 -0.45 0.00	24.63 -0.71 0.00	29.33 -0.80 0.00	36.18 -0.85 0.00	47.47 -1.70 0.00	51.93 -2.00 0.00	46.27 -1.81 0.00	41.15 -1.56 0.00	41.96 -0.96 0.00
HUNTLEY___64 23558	33.73 -0.89 0.00	32.74 -0.83 0.00	28.52 -0.66 0.00	27.50 -0.79 0.00	27.12 -0.91 0.00	31.65 -0.71 0.00	32.15 -1.10 0.00	30.13 -1.33 0.00	22.78 -0.94 0.00	32.99 -1.22 0.00	34.50 -0.92 0.00	35.21 -0.24 0.00	33.51 -0.14 0.00	30.18 -0.05 0.00	27.50 -0.17 0.00	23.48 -0.45 0.00	24.63 -0.71 0.00	29.33 -0.80 0.00	36.18 -0.85 0.00	47.47 -1.70 0.00	51.93 -2.00 0.00	46.27 -1.81 0.00	41.15 -1.56 0.00	41.96 -0.96 0.00
HUNTLEY___65 23559	33.73 -0.89 0.00	32.74 -0.83 0.00	28.52 -0.66 0.00	27.50 -0.79 0.00	27.12 -0.91 0.00	31.65 -0.71 0.00	32.15 -1.10 0.00	30.13 -1.33 0.00	22.78 -0.94 0.00	32.99 -1.22 0.00	34.50 -0.92 0.00	35.21 -0.24 0.00	33.51 -0.14 0.00	30.18 -0.05 0.00	27.50 -0.17 0.00	23.48 -0.45 0.00	24.63 -0.71 0.00	29.33 -0.80 0.00	36.18 -0.85 0.00	47.47 -1.70 0.00	51.93 -2.00 0.00	46.27 -1.81 0.00	41.15 -1.56 0.00	41.96 -0.96 0.00
HUNTLEY___66 23560	33.73 -0.89 0.00	32.74 -0.83 0.00	28.52 -0.66 0.00	27.50 -0.79 0.00	27.12 -0.91 0.00	31.65 -0.71 0.00	32.15 -1.10 0.00	30.13 -1.33 0.00	22.78 -0.94 0.00	32.99 -1.22 0.00	34.50 -0.92 0.00	35.21 -0.24 0.00	33.51 -0.14 0.00	30.18 -0.05 0.00	27.50 -0.17 0.00	23.48 -0.45 0.00	24.63 -0.71 0.00	29.33 -0.80 0.00	36.18 -0.85 0.00	47.47 -1.70 0.00	51.93 -2.00 0.00	46.27 -1.81 0.00	41.15 -1.56 0.00	41.96 -0.96 0.00
HUNTLEY___67 23561	33.44 -1.18 0.00	32.48 -1.09 0.00	28.29 -0.89 0.00	27.30 -1.00 0.00	26.92 -1.10 0.00	31.40 -0.96 0.00	31.92 -1.33 0.00	29.91 -1.54 0.00	22.62 -1.11 0.00	32.77 -1.44 0.00	34.23 -1.19 0.00	34.90 -0.55 0.00	33.21 -0.44 0.00	29.92 -0.31 0.00	27.26 -0.41 0.00	23.27 -0.66 0.00	24.44 -0.89 0.00	29.11 -1.03 0.00	35.88 -1.15 0.00	47.15 -2.01 0.00	51.62 -2.32 0.00	46.01 -2.07 0.00	40.92 -1.79 0.00	41.67 -1.24 0.00
HUNTLEY___68 23562	33.44 -1.18 0.00	32.48 -1.09 0.00	28.29 -0.89 0.00	27.30 -1.00 0.00	26.92 -1.10 0.00	31.40 -0.96 0.00	31.92 -1.33 0.00	29.91 -1.54 0.00	22.62 -1.11 0.00	32.77 -1.44 0.00	34.23 -1.19 0.00	34.90 -0.55 0.00	33.21 -0.44 0.00	29.92 -0.31 0.00	27.26 -0.41 0.00	23.27 -0.66 0.00	24.44 -0.89 0.00	29.11 -1.03 0.00	35.88 -1.15 0.00	47.15 -2.01 0.00	51.62 -2.32 0.00	46.01 -2.07 0.00	40.92 -1.79 0.00	41.67 -1.24 0.00

HYLAND___LFGE 323620	35.44 0.83 0.00	34.42 0.85 0.00	29.94 0.77 0.00	28.96 0.66 0.00	28.63 0.60 0.00	33.39 1.03 0.00	34.24 0.99 0.00	31.89 0.44 0.00	23.39 -0.33 0.00	33.81 -0.41 0.00	35.18 -0.23 0.00	35.57 0.12 0.00	33.94 0.29 0.00	30.65 0.42 0.00	27.97 0.29 0.00	24.03 0.09 0.00	25.35 0.01 0.00	30.10 -0.04 0.00	37.26 0.22 0.00	50.14 0.97 0.00	55.98 2.04 0.00	50.04 1.96 0.00	44.36 1.66 0.00	44.64 1.73 0.00
INDECK___CORINTH 23802	36.05 1.43 0.00	34.77 1.21 0.00	30.22 1.04 0.00	29.34 1.05 0.00	29.14 1.11 0.00	33.62 1.25 0.00	34.53 1.28 0.00	32.61 1.16 0.00	28.87 0.63 -4.51	34.93 0.72 0.00	35.81 0.39 0.00	35.71 0.26 0.00	33.74 0.09 0.00	30.22 -0.01 0.00	27.74 0.07 0.00	24.12 0.19 0.00	25.67 0.34 0.00	30.82 0.69 0.00	38.22 1.19 0.00	50.77 1.61 0.00	55.81 1.87 0.00	49.74 1.66 0.00	44.08 1.37 0.00	44.29 1.38 0.00
INDECK___ILION 23567	34.85 0.23 0.00	33.74 0.17 0.00	29.29 0.11 0.00	28.44 0.15 0.00	28.24 0.21 0.00	32.62 0.25 0.00	33.50 0.25 0.00	31.64 0.19 0.00	23.67 -0.06 0.00	34.04 -0.17 0.00	35.10 -0.32 0.00	35.11 -0.34 0.00	33.27 -0.38 0.00	29.87 -0.36 0.00	27.38 -0.29 0.00	23.69 -0.25 0.00	25.11 -0.22 0.00	29.98 -0.16 0.00	37.00 -0.03 0.00	49.15 -0.01 0.00	53.97 0.04 0.00	48.12 0.04 0.00	42.79 0.09 0.00	42.83 -0.08 0.00
INDECK___OLEAN 23982	34.24 -0.38 0.00	33.21 -0.35 0.00	28.88 -0.30 0.00	27.95 -0.35 0.00	27.60 -0.42 0.00	32.18 -0.18 0.00	32.97 -0.28 0.00	30.92 -0.53 0.00	23.32 -0.41 0.00	33.77 -0.44 0.00	35.07 -0.34 0.00	35.45 0.00 0.00	33.74 0.08 0.00	30.37 0.14 0.00	27.62 -0.05 0.00	23.67 -0.26 0.00	25.09 -0.24 0.00	29.83 -0.31 0.00	36.66 -0.37 0.00	48.26 -0.90 0.00	52.83 -1.11 0.00	47.13 -0.95 0.00	42.08 -0.63 0.00	42.29 -0.62 0.00
INDECK___OSWEGO 23783	33.72 -0.90 0.00	32.73 -0.84 0.00	28.44 -0.74 0.00	27.58 -0.72 0.00	27.31 -0.72 0.00	31.59 -0.78 0.00	32.44 -0.81 0.00	30.66 -0.80 0.00	23.05 -0.68 0.00	33.21 -1.00 0.00	34.36 -1.05 0.00	34.40 -1.05 0.00	32.67 -0.98 0.00	29.36 -0.86 0.00	26.86 -0.81 0.00	23.24 -0.70 0.00	24.58 -0.75 0.00	29.25 -0.88 0.00	36.12 -0.99 0.00	47.84 -1.33 0.00	52.51 -1.43 0.00	46.86 -1.23 0.00	41.63 -1.08 0.00	41.76 -1.15 0.00
INDECK___YERKES 23781	33.77 -0.84 0.00	32.78 -0.78 0.00	28.55 -0.62 0.00	27.53 -0.77 0.00	27.15 -0.88 0.00	31.69 -0.67 0.00	32.19 -1.06 0.00	30.14 -1.32 0.00	22.81 -0.92 0.00	33.04 -1.17 0.00	34.52 -0.89 0.00	35.26 -0.19 0.00	33.56 -0.09 0.00	30.22 -0.01 0.00	27.54 -0.13 0.00	23.51 -0.43 0.00	24.66 -0.68 0.00	29.36 -0.77 0.00	36.22 -0.81 0.00	47.52 -1.64 0.00	52.00 -1.94 0.00	46.33 -1.75 0.00	41.19 -1.51 0.00	42.00 -0.91 0.00
INDIAN POINT_GT_1 24139	36.26 1.65 0.00	35.19 1.62 0.00	30.53 1.36 0.00	29.56 1.26 0.00	29.29 1.27 0.00	33.81 1.44 0.00	34.89 1.64 0.00	33.06 1.61 0.00	57.58 1.15 -32.70	36.04 1.82 0.00	37.35 1.93 0.00	37.28 1.83 0.00	35.32 1.67 0.00	31.67 1.44 0.00	29.00 1.33 0.00	25.10 1.16 0.00	26.58 1.25 0.00	31.38 1.25 0.00	38.27 1.25 0.00	50.38 1.21 0.00	55.27 1.33 0.00	49.36 1.28 0.00	44.12 1.41 0.00	44.21 1.30 0.00
INDIAN POINT_GT_2 23659	36.26 1.65 0.00	35.19 1.62 0.00	30.53 1.36 0.00	29.56 1.26 0.00	29.29 1.27 0.00	33.81 1.44 0.00	34.89 1.64 0.00	33.06 1.61 0.00	57.58 1.15 -32.70	36.04 1.82 0.00	37.35 1.93 0.00	37.28 1.83 0.00	35.32 1.67 0.00	31.67 1.44 0.00	29.00 1.33 0.00	25.10 1.16 0.00	26.58 1.25 0.00	31.38 1.25 0.00	38.27 1.25 0.00	50.38 1.21 0.00	55.27 1.33 0.00	49.36 1.28 0.00	44.12 1.41 0.00	44.21 1.30 0.00
INDIAN POINT_GT_3 24019	36.26 1.65 0.00	35.19 1.62 0.00	30.53 1.36 0.00	29.56 1.26 0.00	29.29 1.27 0.00	33.81 1.44 0.00	34.89 1.64 0.00	33.06 1.61 0.00	57.58 1.15 -32.70	36.04 1.82 0.00	37.35 1.93 0.00	37.28 1.83 0.00	35.32 1.67 0.00	31.67 1.44 0.00	29.00 1.33 0.00	25.10 1.16 0.00	26.58 1.25 0.00	31.38 1.25 0.00	38.27 1.25 0.00	50.38 1.21 0.00	55.27 1.33 0.00	49.36 1.28 0.00	44.12 1.41 0.00	44.21 1.30 0.00
INDIAN POINT___2 23530	36.22 1.60 0.00	35.15 1.59 0.00	30.50 1.33 0.00	29.53 1.23 0.00	29.26 1.24 0.00	33.78 1.41 0.00	34.86 1.62 0.00	33.03 1.58 0.00	69.14 1.12 -44.29	35.99 1.78 0.00	37.31 1.90 0.00	37.26 1.80 0.00	35.29 1.64 0.00	31.65 1.42 0.00	28.97 1.30 0.00	25.07 1.14 0.00	26.55 1.22 0.00	31.36 1.22 0.00	38.24 1.21 0.00	50.32 1.16 0.00	55.22 1.28 0.00	49.31 1.23 0.00	44.09 1.38 0.00	44.19 1.28 0.00
INDIAN POINT___3 23531	36.20 1.58 0.00	35.14 1.57 0.00	30.50 1.32 0.00	29.53 1.23 0.00	29.27 1.24 0.00	33.78 1.41 0.00	34.85 1.60 0.00	33.03 1.57 0.00	58.43 1.11 -33.58	35.98 1.76 0.00	37.28 1.86 0.00	37.23 1.78 0.00	35.26 1.61 0.00	31.62 1.39 0.00	28.95 1.28 0.00	25.05 1.11 0.00	26.53 1.20 0.00	31.34 1.21 0.00	38.23 1.20 0.00	50.32 1.15 0.00	55.22 1.28 0.00	49.31 1.23 0.00	44.07 1.36 0.00	44.18 1.27 0.00
INGHAM_C_115KV_TB7 356103	34.96 0.34 0.00	33.79 0.23 0.00	29.31 0.13 0.00	28.51 0.21 0.00	28.36 0.33 0.00	32.74 0.37 0.00	33.63 0.37 0.00	31.67 0.21 0.00	23.44 -0.29 0.00	33.60 -0.61 0.00	34.44 -0.97 0.00	34.46 -0.99 0.00	32.55 -1.10 0.00	29.21 -1.02 0.00	26.82 -0.85 0.00	23.18 -0.75 0.00	24.64 -0.69 0.00	29.55 -0.58 0.00	36.76 -0.27 0.00	48.92 -0.25 0.00	53.86 -0.08 0.00	48.03 -0.05 0.00	42.74 0.03 0.00	42.60 -0.30 0.00
IP CORINTH___1 23988	36.25 1.63 0.00	34.95 1.39 0.00	30.38 1.20 0.00	29.49 1.19 0.00	29.28 1.26 0.00	33.79 1.43 0.00	34.71 1.46 0.00	32.78 1.33 0.00	29.01 0.77 -4.51	35.13 0.92 0.00	35.99 0.58 0.00	35.91 0.46 0.00	33.92 0.27 0.00	30.40 0.17 0.00	27.91 0.23 0.00	24.26 0.33 0.00	25.81 0.48 0.00	30.99 0.86 0.00	38.43 1.40 0.00	51.05 1.88 0.00	56.12 2.18 0.00	50.02 1.94 0.00	44.32 1.61 0.00	44.50 1.59 0.00
IP___TICONDEROGA 23804	38.50 3.89 0.00	36.72 3.15 0.00	31.81 2.63 0.00	30.83 2.54 0.00	30.68 2.66 0.00	35.55 3.19 0.00	36.66 3.41 0.00	34.44 2.98 0.00	30.07 1.81 -4.53	36.39 2.18 0.00	37.35 1.94 0.00	37.24 1.79 0.00	35.14 1.48 0.00	31.57 1.34 0.00	29.07 1.40 0.00	25.38 1.44 0.00	27.13 1.79 0.00	32.79 2.66 0.00	40.21 3.18 0.00	53.86 4.69 0.00	59.12 5.18 0.00	52.79 4.71 0.00	46.59 3.88 0.00	46.76 3.85 0.00
ISLIP_RES_REC 323679	37.36 2.74 0.00	36.29 2.72 0.00	31.47 2.29 0.00	30.38 2.08 0.00	30.09 2.06 0.00	34.75 2.39 0.00	35.77 2.52 0.00	33.93 2.47 0.00	55.33 1.93 -29.67	37.42 3.21 0.00	40.61 3.61 -1.58	39.27 3.42 -0.40	36.34 2.68 0.00	32.08 1.85 0.00	29.46 1.80 0.00	25.49 1.55 0.00	26.84 1.51 0.00	31.67 1.54 0.00	38.62 1.59 0.00	50.54 1.38 0.00	55.24 1.30 0.00	49.28 1.20 0.00	44.11 1.40 0.00	44.57 1.66 0.00

JAMAICA__27_KV_LOAD 355505	37.01 2.40 0.00	35.85 2.28 0.00	31.12 1.94 0.00	30.11 1.80 0.00	29.83 1.80 0.00	34.40 2.04 0.00	35.56 2.31 0.00	33.76 2.30 0.00	55.24 1.70 -29.81	36.77 2.55 0.00	38.09 2.68 0.00	38.05 2.60 0.00	36.05 2.40 0.00	32.34 2.10 0.00	29.63 1.96 0.00	25.65 1.71 0.00	27.16 1.83 0.00	31.94 1.81 0.00	38.87 1.85 0.00	51.01 1.84 0.00	55.91 1.97 0.00	49.96 1.88 0.00	44.97 2.27 0.00	45.04 2.13 0.00
JANIS__SOLAR 323808	35.63 1.01 0.00	34.58 1.01 0.00	29.97 0.79 0.00	29.03 0.73 0.00	28.75 0.72 0.00	33.41 1.04 0.00	34.35 1.10 0.00	32.29 0.84 0.00	24.00 0.27 0.00	34.39 0.18 0.00	35.50 0.08 0.00	35.56 0.11 0.00	33.82 0.17 0.00	30.41 0.18 0.00	27.82 0.15 0.00	24.09 0.15 0.00	25.61 0.28 0.00	30.60 0.46 0.00	37.79 0.75 -0.02	50.75 1.58 0.00	55.87 1.93 0.00	49.77 1.68 0.00	44.15 1.45 0.00	44.18 1.26 0.00
JARVIS____ 23743	34.72 0.10 0.00	33.65 0.08 0.00	29.24 0.06 0.00	28.38 0.09 0.00	28.11 0.09 0.00	32.46 0.10 0.00	33.35 0.10 0.00	31.54 0.09 0.00	23.76 0.03 0.00	34.24 0.03 0.00	35.41 0.00 0.00	35.42 -0.04 0.00	33.62 -0.03 0.00	30.20 -0.03 0.00	27.64 -0.03 0.00	23.92 -0.01 0.00	25.33 0.00 0.00	30.14 0.00 0.00	37.03 0.00 0.00	49.12 -0.04 0.00	53.91 -0.03 0.00	48.08 0.00 0.00	42.71 0.00 0.00	42.88 -0.03 0.00
JENNISON____1 23625	35.48 0.86 0.00	34.76 1.19 0.00	30.14 0.96 0.00	29.14 0.84 0.00	28.86 0.84 0.00	33.55 1.19 0.00	34.41 1.16 0.00	32.38 0.93 0.00	24.29 0.56 0.00	34.99 0.78 0.00	36.22 0.81 0.00	36.29 0.84 0.00	34.51 0.86 0.00	31.01 0.78 0.00	28.39 0.71 0.00	24.54 0.61 0.00	26.03 0.70 0.00	31.08 0.94 0.00	38.31 1.27 -0.01	50.93 1.77 0.00	55.88 1.94 0.00	49.66 1.57 0.00	44.03 1.33 0.00	44.09 1.19 0.00
JENNISON____2 23626	35.48 0.86 0.00	34.76 1.19 0.00	30.14 0.96 0.00	29.14 0.84 0.00	28.86 0.84 0.00	33.55 1.19 0.00	34.41 1.16 0.00	32.38 0.93 0.00	24.29 0.56 0.00	34.99 0.78 0.00	36.22 0.81 0.00	36.29 0.84 0.00	34.51 0.86 0.00	31.01 0.78 0.00	28.39 0.71 0.00	24.54 0.61 0.00	26.03 0.70 0.00	31.08 0.94 0.00	38.31 1.27 -0.01	50.93 1.77 0.00	55.88 1.94 0.00	49.66 1.57 0.00	44.03 1.33 0.00	44.09 1.19 0.00
JERICOHO_RISE_WT_PWR 323719	35.04 0.42 0.00	33.94 0.37 0.00	29.48 0.31 0.00	28.53 0.23 0.00	28.13 0.11 0.00	32.46 0.09 0.00	33.38 0.13 0.00	31.61 0.15 0.00	23.95 0.22 0.00	34.46 0.24 0.00	35.84 0.42 0.00	35.97 0.52 0.00	34.17 0.51 0.00	30.70 0.47 0.00	28.13 0.46 0.00	24.31 0.38 0.00	25.67 0.34 0.00	30.64 0.51 0.00	37.77 0.74 0.00	50.41 1.25 0.00	55.39 1.45 0.00	49.37 1.29 0.00	43.67 0.96 0.00	44.04 1.14 0.00
KATONAH__115KV_46KV_TB4 355592	36.38 1.76 0.00	35.27 1.71 0.00	30.61 1.43 0.00	29.64 1.34 0.00	29.38 1.36 0.00	33.90 1.54 0.00	34.96 1.71 0.00	33.17 1.72 0.00	41.77 1.25 -16.79	36.15 1.94 0.00	37.46 2.05 0.00	37.41 1.96 0.00	35.43 1.77 0.00	31.77 1.54 0.00	29.09 1.42 0.00	25.19 1.25 0.00	26.67 1.33 0.00	31.53 1.39 0.00	38.48 1.45 0.00	50.66 1.49 0.00	55.55 1.61 0.00	49.60 1.52 0.00	44.28 1.57 0.00	44.33 1.42 0.00
KCE_NY_1 323755	36.26 1.64 0.00	35.00 1.43 0.00	30.42 1.24 0.00	29.52 1.23 0.00	29.31 1.28 0.00	33.82 1.46 0.00	34.75 1.50 0.00	32.82 1.37 0.00	29.16 0.86 -4.57	35.32 1.11 0.00	36.37 0.96 0.00	36.27 0.82 0.00	34.37 0.72 0.00	30.85 0.62 0.00	28.27 0.60 0.00	24.51 0.57 0.00	26.04 0.71 0.00	31.18 1.04 0.00	38.49 1.46 0.00	51.06 1.89 0.00	56.04 2.10 0.00	49.91 1.83 0.00	44.29 1.58 0.00	44.52 1.61 0.00
KCE_NY_6_ESR 323823	33.77 -0.84 0.00	32.78 -0.78 0.00	28.54 -0.64 0.00	27.55 -0.75 0.00	27.15 -0.87 0.00	31.71 -0.66 0.00	32.27 -0.98 0.00	30.21 -1.24 0.00	22.86 -0.87 0.00	33.14 -1.07 0.00	34.58 -0.83 0.00	35.25 -0.20 0.00	33.56 -0.09 0.00	30.24 0.01 0.00	27.54 -0.13 0.00	23.52 -0.42 0.00	24.72 -0.61 0.00	29.44 -0.69 0.00	36.31 -0.72 0.00	47.81 -1.36 0.00	52.36 -1.58 0.00	46.67 -1.42 0.00	41.49 -1.22 0.00	42.14 -0.77 0.00
KEDC PORT_JEFF_GT2 24210	37.06 2.44 0.00	36.00 2.43 0.00	31.22 2.05 0.00	30.15 1.85 0.00	29.86 1.83 0.00	34.47 2.11 0.00	35.48 2.24 0.00	33.65 2.19 0.00	55.11 1.71 -29.67	37.07 2.86 0.00	40.24 3.24 -1.58	38.89 3.05 -0.40	36.02 2.37 0.00	31.79 1.56 0.00	29.14 1.47 0.00	25.21 1.27 0.00	26.55 1.22 0.00	31.34 1.20 0.00	38.18 1.15 0.00	49.97 0.81 0.00	54.63 0.70 0.00	48.79 0.71 0.00	43.75 1.05 0.00	44.27 1.36 0.00
KEDC PORT_JEFF_GT3 24211	37.06 2.44 0.00	36.00 2.43 0.00	31.22 2.05 0.00	30.15 1.85 0.00	29.86 1.83 0.00	34.47 2.11 0.00	35.48 2.24 0.00	33.65 2.19 0.00	55.11 1.71 -29.67	37.07 2.86 0.00	40.24 3.24 -1.58	38.89 3.05 -0.40	36.02 2.37 0.00	31.79 1.56 0.00	29.14 1.47 0.00	25.21 1.27 0.00	26.55 1.22 0.00	31.34 1.20 0.00	38.18 1.15 0.00	49.97 0.81 0.00	54.63 0.70 0.00	48.79 0.71 0.00	43.75 1.05 0.00	44.27 1.36 0.00
KEDC_GLWD_GT4 24219	36.81 2.20 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.95 1.65 0.00	29.68 1.65 0.00	34.28 1.91 0.00	35.35 2.10 0.00	33.53 2.08 0.00	54.96 1.56 -29.67	36.67 2.46 0.00	39.72 2.72 -1.58	38.43 2.58 -0.40	35.88 2.23 0.00	32.04 1.80 0.00	29.40 1.73 0.00	25.46 1.52 0.00	26.89 1.56 0.00	31.73 1.60 0.00	38.43 1.40 0.00	50.49 1.32 0.00	55.36 1.42 0.00	49.70 1.62 0.00	44.40 1.69 0.00	44.59 1.68 0.00
KEDC_GLWD_GT5 24220	36.81 2.20 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.95 1.65 0.00	29.68 1.65 0.00	34.28 1.91 0.00	35.35 2.10 0.00	33.53 2.08 0.00	54.96 1.56 -29.67	36.67 2.46 0.00	39.72 2.72 -1.58	38.43 2.58 -0.40	35.88 2.23 0.00	32.04 1.80 0.00	29.40 1.73 0.00	25.46 1.52 0.00	26.89 1.56 0.00	31.73 1.60 0.00	38.43 1.40 0.00	50.49 1.32 0.00	55.36 1.42 0.00	49.70 1.62 0.00	44.40 1.69 0.00	44.59 1.68 0.00
KENSICO____ 23655	36.40 1.78 0.00	35.31 1.74 0.00	30.64 1.46 0.00	29.66 1.36 0.00	29.39 1.37 0.00	33.93 1.57 0.00	35.01 1.76 0.00	33.19 1.74 0.00	55.93 1.26 -30.94	36.19 1.98 0.00	37.52 2.11 0.00	37.46 2.00 0.00	35.47 1.82 0.00	31.80 1.57 0.00	29.12 1.45 0.00	25.21 1.27 0.00	26.68 1.35 0.00	31.51 1.37 0.00	38.41 1.38 0.00	50.53 1.37 0.00	55.40 1.46 0.00	49.48 1.40 0.00	44.23 1.53 0.00	44.33 1.42 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.30 1.68 0.00	35.19 1.63 0.00	30.52 1.34 0.00	29.54 1.24 0.00	29.27 1.25 0.00	33.79 1.43 0.00	34.86 1.61 0.00	33.07 1.62 0.00	20.22 1.19 4.70	36.08 1.87 0.00	37.37 1.95 0.00	37.28 1.84 0.00	35.29 1.63 0.00	31.43 1.20 0.00	28.74 1.07 0.00	24.87 0.93 0.00	26.36 1.03 0.00	31.33 1.19 0.00	38.42 1.39 0.00	50.72 1.55 0.00	55.65 1.71 0.00	49.92 1.84 0.00	44.47 1.77 0.00	44.48 1.57 0.00

KIAC_JFK_GT1 23816	36.78 2.16 0.00	35.64 2.07 0.00	30.94 1.76 0.00	29.93 1.64 0.00	29.66 1.64 0.00	34.21 1.85 0.00	35.36 2.11 0.00	33.56 2.11 0.00	55.10 1.56 -29.81	36.56 2.35 0.00	37.88 2.46 0.00	37.83 2.38 0.00	35.84 2.19 0.00	32.16 1.93 0.00	29.45 1.78 0.00	25.42 1.48 0.00	26.90 1.57 0.00	31.65 1.51 0.00	38.51 1.48 0.00	50.53 1.37 0.00	55.39 1.45 0.00	49.51 1.42 0.00	44.69 1.99 0.00	44.77 1.86 0.00
KIAC_JFK_GT2 23817	36.78 2.16 0.00	35.64 2.07 0.00	30.94 1.76 0.00	29.93 1.64 0.00	29.66 1.64 0.00	34.21 1.85 0.00	35.36 2.11 0.00	33.56 2.11 0.00	55.10 1.56 -29.81	36.56 2.35 0.00	37.88 2.46 0.00	37.83 2.38 0.00	35.84 2.19 0.00	32.16 1.93 0.00	29.45 1.78 0.00	25.42 1.48 0.00	26.90 1.57 0.00	31.65 1.51 0.00	38.51 1.48 0.00	50.53 1.37 0.00	55.39 1.45 0.00	49.51 1.42 0.00	44.69 1.99 0.00	44.77 1.86 0.00
KIAC_JFK____ 323774	36.78 2.16 0.00	35.64 2.07 0.00	30.94 1.76 0.00	29.93 1.63 0.00	29.66 1.63 0.00	34.22 1.85 0.00	35.36 2.11 0.00	33.57 2.12 0.00	55.10 1.56 -29.81	36.56 2.35 0.00	37.88 2.47 0.00	37.83 2.38 0.00	35.84 2.19 0.00	32.16 1.93 0.00	29.45 1.78 0.00	25.42 1.49 0.00	26.90 1.57 0.00	31.65 1.51 0.00	38.52 1.48 0.00	50.53 1.37 0.00	55.39 1.45 0.00	49.51 1.43 0.00	44.69 1.99 0.00	44.78 1.87 0.00
KINTIGH__24_KV_GSU 356498	33.59 -1.03 0.00	32.62 -0.95 0.00	28.41 -0.76 0.00	27.43 -0.87 0.00	27.06 -0.97 0.00	31.54 -0.83 0.00	32.12 -1.13 0.00	30.10 -1.35 0.00	22.75 -0.98 0.00	32.93 -1.28 0.00	34.34 -1.08 0.00	34.94 -0.51 0.00	33.23 -0.42 0.00	29.92 -0.30 0.00	27.28 -0.39 0.00	23.34 -0.60 0.00	24.54 -0.79 0.00	29.21 -0.92 0.00	36.01 -1.02 0.00	47.34 -1.82 0.00	51.81 -2.12 0.00	46.19 -1.89 0.00	41.05 -1.65 0.00	41.71 -1.20 0.00
KINTIGH____ 23543	33.56 -1.06 0.00	32.60 -0.97 0.00	28.39 -0.79 0.00	27.41 -0.89 0.00	27.03 -0.99 0.00	31.51 -0.85 0.00	32.08 -1.17 0.00	30.10 -1.35 0.00	22.73 -0.99 0.00	32.91 -1.31 0.00	34.34 -1.08 0.00	34.91 -0.54 0.00	33.20 -0.45 0.00	29.90 -0.33 0.00	27.26 -0.41 0.00	23.33 -0.61 0.00	24.52 -0.81 0.00	29.20 -0.94 0.00	35.97 -1.06 0.00	47.30 -1.86 0.00	51.76 -2.18 0.00	46.15 -1.93 0.00	41.02 -1.69 0.00	41.68 -1.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.69 1.07 0.00	34.39 0.83 0.00	29.86 0.69 0.00	28.91 0.61 0.00	28.52 0.49 0.00	32.88 0.52 0.00	33.84 0.59 0.00	31.99 0.53 0.00	24.18 0.45 0.00	34.78 0.57 0.00	36.21 0.79 0.00	36.30 0.85 0.00	34.49 0.84 0.00	31.01 0.78 0.00	28.43 0.76 0.00	24.59 0.66 0.00	25.95 0.62 0.00	31.06 0.93 0.00	38.29 1.27 0.00	51.18 2.01 0.00	56.26 2.32 0.00	50.18 2.10 0.00	44.37 1.66 0.00	44.66 1.75 0.00
LACHUTE____HYDRO 323717	38.50 3.89 0.00	36.72 3.15 0.00	31.81 2.63 0.00	30.83 2.54 0.00	30.69 2.66 0.00	35.55 3.19 0.00	36.66 3.41 0.00	34.44 2.98 0.00	30.07 1.81 -4.53	36.39 2.18 0.00	37.35 1.94 0.00	37.24 1.79 0.00	35.14 1.48 0.00	31.57 1.34 0.00	29.07 1.40 0.00	25.38 1.44 0.00	27.12 1.79 0.00	32.79 2.65 0.00	40.21 3.18 0.00	53.86 4.69 0.00	59.12 5.18 0.00	52.79 4.71 0.00	46.59 3.88 0.00	46.76 3.85 0.00
LAWRNCAY_115KV_TB1 80681	34.98 0.37 0.00	34.18 0.62 0.00	29.71 0.53 0.00	28.71 0.42 0.00	28.36 0.34 0.00	32.83 0.47 0.00	33.75 0.50 0.00	31.89 0.44 0.00	24.03 0.29 0.00	34.50 0.29 0.00	35.96 0.55 0.00	36.07 0.62 0.00	34.14 0.49 0.00	30.46 0.23 0.00	27.90 0.23 0.00	24.09 0.15 0.00	25.45 0.12 0.00	30.21 0.07 0.00	37.32 0.29 0.00	50.02 0.86 0.00	55.19 1.25 0.00	49.28 1.19 0.00	43.88 1.17 0.00	44.51 1.60 0.00
LEDERLE____ 23769	36.35 1.73 0.00	35.30 1.74 0.00	30.63 1.46 0.00	29.64 1.34 0.00	29.38 1.35 0.00	33.92 1.55 0.00	35.02 1.77 0.00	33.16 1.71 0.00	-14.44 1.21 39.38	36.14 1.93 0.00	37.46 2.05 0.00	37.43 1.98 0.00	35.47 1.81 0.00	31.82 1.59 0.00	29.11 1.45 0.00	25.20 1.26 0.00	26.69 1.36 0.00	31.54 1.40 0.00	38.48 1.45 0.00	50.64 1.47 0.00	55.58 1.64 0.00	49.62 1.54 0.00	44.34 1.64 0.00	44.42 1.52 0.00
LIGHTHSE_115KV_TB6 355974	34.52 -0.09 0.00	33.48 -0.09 0.00	29.11 -0.07 0.00	28.22 -0.08 0.00	27.96 -0.07 0.00	32.38 0.01 0.00	33.25 0.00 0.00	31.36 -0.10 0.00	23.49 -0.23 0.00	33.76 -0.45 0.00	34.85 -0.57 0.00	34.77 -0.68 0.00	33.04 -0.61 0.00	29.70 -0.52 0.00	27.15 -0.52 0.00	23.43 -0.51 0.00	24.74 -0.59 0.00	29.49 -0.64 0.00	36.56 -0.51 -0.04	48.77 -0.40 0.00	53.81 -0.12 0.00	48.18 0.10 0.00	42.82 0.11 0.00	42.89 -0.02 0.00
LINDEN COGEN____ 23786	36.43 1.82 0.00	35.34 1.77 0.00	30.64 1.46 0.00	29.64 1.34 0.00	29.38 1.35 0.00	33.93 1.57 0.00	35.05 1.80 0.00	33.25 1.80 0.00	54.89 1.36 -29.81	36.32 2.11 0.00	37.70 2.29 0.00	37.63 2.18 0.00	35.64 1.99 0.00	31.97 1.74 0.00	29.30 1.63 0.00	25.36 1.42 0.00	26.83 1.50 0.00	31.58 1.45 0.00	38.47 1.44 0.00	50.52 1.35 0.00	55.33 1.39 0.00	49.43 1.34 0.00	44.29 1.59 0.00	44.41 1.50 0.00
LINDHRST_69_KV_BK1 356055	37.30 2.68 0.00	36.21 2.64 0.00	31.38 2.20 0.00	30.30 2.00 0.00	30.01 1.98 0.00	34.67 2.30 0.00	35.72 2.47 0.00	33.88 2.43 0.00	55.27 1.88 -29.67	37.24 3.03 0.00	40.38 3.38 -1.58	39.03 3.18 -0.40	36.20 2.55 0.00	32.08 1.85 0.00	29.47 1.80 0.00	25.52 1.58 0.00	26.91 1.57 0.00	31.75 1.61 0.00	38.73 1.69 0.00	50.80 1.63 0.00	55.56 1.62 0.00	49.60 1.52 0.00	44.43 1.72 0.00	44.75 1.84 0.00
LIPA_MISC_IPP 23656	36.95 2.33 0.00	35.88 2.32 0.00	31.12 1.94 0.00	30.05 1.75 0.00	29.76 1.74 0.00	34.36 2.00 0.00	35.38 2.13 0.00	33.55 2.10 0.00	55.04 1.64 -29.67	36.98 2.77 0.00	40.15 3.15 -1.58	38.81 2.96 -0.40	35.92 2.27 0.00	31.70 1.47 0.00	29.14 1.47 0.00	25.21 1.27 0.00	26.55 1.22 0.00	31.32 1.18 0.00	38.16 1.13 0.00	49.90 0.74 0.00	54.57 0.63 0.00	48.73 0.65 0.00	43.61 0.90 0.00	44.09 1.18 0.00
LISF____SOLAR 323691	37.03 2.42 0.00	35.97 2.40 0.00	31.19 2.01 0.00	30.11 1.82 0.00	29.83 1.80 0.00	34.44 2.07 0.00	35.46 2.20 0.00	33.64 2.19 0.00	55.11 1.71 -29.67	37.06 2.85 0.00	40.23 3.24 -1.58	38.89 3.05 -0.40	36.01 2.36 0.00	31.75 1.52 0.00	29.18 1.52 0.00	25.26 1.32 0.00	26.58 1.25 0.00	31.37 1.23 0.00	38.22 1.19 0.00	49.99 0.83 0.00	54.67 0.73 0.00	48.81 0.73 0.00	43.67 0.96 0.00	44.16 1.26 0.00
LITTLE FALLS____HYD 24013	34.96 0.34 0.00	33.79 0.23 0.00	29.31 0.13 0.00	28.51 0.21 0.00	28.36 0.33 0.00	32.74 0.37 0.00	33.63 0.37 0.00	31.67 0.21 0.00	23.44 -0.29 0.00	33.60 -0.61 0.00	34.44 -0.97 0.00	34.46 -0.99 0.00	32.55 -1.10 0.00	29.21 -1.02 0.00	26.82 -0.85 0.00	23.18 -0.75 0.00	24.64 -0.69 0.00	29.55 -0.58 0.00	36.76 -0.27 0.00	48.92 -0.25 0.00	53.86 -0.08 0.00	48.03 -0.05 0.00	42.74 0.03 0.00	42.60 -0.30 0.00

LITTLRIV_115KV_TB1 356100	35.47 0.85 0.00	34.69 1.13 0.00	30.12 0.94 0.00	29.11 0.82 0.00	28.75 0.72 0.00	33.30 0.93 0.00	34.24 0.99 0.00	32.24 0.78 0.00	24.17 0.44 0.00	34.62 0.41 0.00	36.06 0.64 0.00	36.17 0.72 0.00	34.25 0.60 0.00	30.56 0.33 0.00	28.01 0.34 0.00	24.17 0.23 0.00	25.57 0.24 0.00	30.36 0.22 0.00	37.51 0.48 0.00	50.61 1.44 0.00	56.12 2.19 0.00	50.11 2.03 0.00	44.58 1.87 0.00	45.18 2.27 0.00
LI_NEWBRDGE___DRP 323616	36.63 2.01 0.00	35.57 2.00 0.00	30.86 1.68 0.00	29.82 1.52 0.00	29.55 1.52 0.00	34.12 1.76 0.00	35.15 1.90 0.00	33.32 1.86 0.00	54.81 1.41 -29.67	36.53 2.32 0.00	39.57 2.57 -1.58	38.25 2.40 -0.40	35.58 1.93 0.00	31.63 1.40 0.00	29.05 1.38 0.00	25.15 1.21 0.00	26.54 1.21 0.00	31.33 1.20 0.00	38.18 1.15 0.00	50.11 0.94 0.00	54.86 0.93 0.00	48.97 0.89 0.00	43.85 1.15 0.00	44.15 1.24 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.56 -1.06 0.00	32.63 -0.94 0.00	28.42 -0.75 0.00	27.41 -0.89 0.00	27.03 -1.00 0.00	31.55 -0.81 0.00	31.98 -1.27 0.00	29.93 -1.52 0.00	22.61 -1.12 0.00	32.69 -1.52 0.00	34.18 -1.24 0.00	34.88 -0.57 0.00	33.18 -0.47 0.00	29.87 -0.36 0.00	27.20 -0.47 0.00	23.22 -0.72 0.00	24.29 -1.05 0.00	28.93 -1.21 0.00	35.68 -1.36 0.00	46.96 -2.21 0.00	51.50 -2.44 0.00	45.94 -2.14 0.00	40.82 -1.89 0.00	41.65 -1.26 0.00
LOCKPORT___CC1 323769	33.50 -1.12 0.00	32.57 -0.99 0.00	28.38 -0.80 0.00	27.38 -0.92 0.00	26.99 -1.04 0.00	31.51 -0.86 0.00	31.96 -1.29 0.00	29.89 -1.57 0.00	22.58 -1.14 0.00	32.68 -1.53 0.00	34.13 -1.28 0.00	34.85 -0.60 0.00	33.17 -0.48 0.00	29.85 -0.38 0.00	27.19 -0.48 0.00	23.20 -0.73 0.00	24.29 -1.04 0.00	28.92 -1.22 0.00	35.69 -1.35 0.00	46.95 -2.22 0.00	51.47 -2.47 0.00	45.90 -2.18 0.00	40.80 -1.90 0.00	41.62 -1.29 0.00
LOCKPORT___CC2 323770	33.50 -1.12 0.00	32.57 -0.99 0.00	28.38 -0.80 0.00	27.38 -0.92 0.00	26.99 -1.04 0.00	31.51 -0.86 0.00	31.96 -1.29 0.00	29.89 -1.57 0.00	22.58 -1.14 0.00	32.68 -1.53 0.00	34.13 -1.28 0.00	34.85 -0.60 0.00	33.17 -0.48 0.00	29.85 -0.38 0.00	27.19 -0.48 0.00	23.20 -0.73 0.00	24.29 -1.04 0.00	28.92 -1.22 0.00	35.69 -1.35 0.00	46.95 -2.22 0.00	51.47 -2.47 0.00	45.90 -2.18 0.00	40.80 -1.90 0.00	41.62 -1.29 0.00
LOCKPORT___CC3 323771	33.50 -1.12 0.00	32.57 -0.99 0.00	28.38 -0.80 0.00	27.38 -0.92 0.00	26.99 -1.04 0.00	31.51 -0.86 0.00	31.96 -1.29 0.00	29.89 -1.57 0.00	22.58 -1.14 0.00	32.68 -1.53 0.00	34.13 -1.28 0.00	34.85 -0.60 0.00	33.17 -0.48 0.00	29.85 -0.38 0.00	27.19 -0.48 0.00	23.20 -0.73 0.00	24.29 -1.04 0.00	28.92 -1.22 0.00	35.69 -1.35 0.00	46.95 -2.22 0.00	51.47 -2.47 0.00	45.90 -2.18 0.00	40.80 -1.90 0.00	41.62 -1.29 0.00
LOCUSVLY_69_KV_BK2 55797	36.97 2.35 0.00	35.86 2.30 0.00	31.09 1.92 0.00	30.06 1.76 0.00	29.78 1.75 0.00	34.38 2.02 0.00	35.45 2.20 0.00	33.62 2.16 0.00	55.04 1.64 -29.67	36.84 2.63 0.00	39.91 2.92 -1.58	38.61 2.76 -0.40	35.97 2.32 0.00	32.06 1.82 0.00	29.45 1.78 0.00	25.49 1.55 0.00	26.90 1.57 0.00	31.76 1.63 0.00	38.60 1.57 0.00	50.68 1.51 0.00	55.48 1.54 0.00	49.65 1.57 0.00	44.40 1.70 0.00	44.65 1.73 0.00
LONG_LAKE_PHOENIX 24014	33.91 -0.71 0.00	32.83 -0.74 0.00	28.53 -0.65 0.00	27.65 -0.64 0.00	27.39 -0.63 0.00	31.68 -0.68 0.00	32.55 -0.70 0.00	30.76 -0.69 0.00	23.13 -0.60 0.00	33.33 -0.88 0.00	34.50 -0.91 0.00	34.56 -0.89 0.00	32.82 -0.83 0.00	29.49 -0.74 0.00	26.97 -0.70 0.00	23.35 -0.58 0.00	24.71 -0.63 0.00	29.42 -0.71 0.00	36.34 -0.75 -0.06	48.13 -1.04 0.00	52.80 -1.14 0.00	47.07 -1.02 0.00	41.80 -0.90 0.00	41.92 -0.99 0.00
LOVETT___3 23632	36.13 1.52 0.00	35.10 1.53 0.00	30.47 1.29 0.00	29.50 1.20 0.00	29.22 1.20 0.00	33.74 1.37 0.00	34.82 1.57 0.00	32.98 1.52 0.00	-17.21 1.07 42.01	35.91 1.70 0.00	37.21 1.80 0.00	37.17 1.72 0.00	35.21 1.56 0.00	31.58 1.35 0.00	28.90 1.23 0.00	25.01 1.08 0.00	26.49 1.15 0.00	31.28 1.15 0.00	38.16 1.13 0.00	50.23 1.06 0.00	55.14 1.21 0.00	49.25 1.17 0.00	44.03 1.32 0.00	44.15 1.24 0.00
LOVETT___4 23642	36.13 1.52 0.00	35.10 1.53 0.00	30.47 1.29 0.00	29.50 1.20 0.00	29.22 1.20 0.00	33.74 1.37 0.00	34.82 1.57 0.00	32.98 1.52 0.00	-17.21 1.07 42.01	35.91 1.70 0.00	37.21 1.80 0.00	37.17 1.72 0.00	35.21 1.56 0.00	31.58 1.35 0.00	28.90 1.23 0.00	25.01 1.08 0.00	26.49 1.15 0.00	31.28 1.15 0.00	38.16 1.13 0.00	50.23 1.06 0.00	55.14 1.21 0.00	49.25 1.17 0.00	44.03 1.32 0.00	44.15 1.24 0.00
LOVETT___5 23593	36.13 1.52 0.00	35.10 1.53 0.00	30.47 1.29 0.00	29.50 1.20 0.00	29.22 1.20 0.00	33.74 1.37 0.00	34.82 1.57 0.00	32.98 1.52 0.00	-17.21 1.07 42.01	35.91 1.70 0.00	37.21 1.80 0.00	37.17 1.72 0.00	35.21 1.56 0.00	31.58 1.35 0.00	28.90 1.23 0.00	25.01 1.08 0.00	26.49 1.15 0.00	31.28 1.15 0.00	38.16 1.13 0.00	50.23 1.06 0.00	55.14 1.21 0.00	49.25 1.17 0.00	44.03 1.32 0.00	44.15 1.24 0.00
LOWER RAQUET___HYD 24057	35.08 0.46 0.00	34.25 0.69 0.00	29.76 0.58 0.00	28.76 0.46 0.00	28.40 0.38 0.00	32.88 0.52 0.00	33.81 0.56 0.00	31.93 0.48 0.00	24.04 0.31 0.00	34.50 0.29 0.00	35.94 0.52 0.00	36.04 0.59 0.00	34.08 0.43 0.00	30.36 0.13 0.00	27.81 0.14 0.00	24.00 0.06 0.00	25.36 0.03 0.00	30.09 -0.05 0.00	37.17 0.14 0.00	49.89 0.73 0.00	55.10 1.16 0.00	49.23 1.15 0.00	43.88 1.18 0.00	44.55 1.64 0.00
LOWER___HUDSON 24059	35.76 1.14 0.00	34.59 1.02 0.00	30.09 0.91 0.00	29.25 0.95 0.00	29.03 1.00 0.00	33.39 1.02 0.00	34.28 1.03 0.00	32.49 1.04 0.00	29.32 0.66 -4.93	35.11 0.90 0.00	36.16 0.74 0.00	36.00 0.55 0.00	34.11 0.46 0.00	30.62 0.39 0.00	28.04 0.37 0.00	24.28 0.35 0.00	25.74 0.41 0.00	30.74 0.60 0.00	37.72 0.69 0.00	50.02 0.86 0.00	54.96 1.02 0.00	49.05 0.97 0.00	43.55 0.84 0.00	43.73 0.82 0.00
LOWVILLE_115KV_TB2 356335	35.78 1.17 0.00	34.75 1.18 0.00	30.22 1.04 0.00	29.28 0.98 0.00	28.99 0.97 0.00	33.61 1.25 0.00	34.55 1.30 0.00	32.52 1.07 0.00	24.29 0.56 0.00	34.74 0.53 0.00	35.83 0.41 0.00	35.70 0.25 0.00	33.88 0.22 0.00	30.39 0.16 0.00	27.79 0.12 0.00	23.98 0.04 0.00	25.31 -0.02 0.00	30.15 0.01 0.00	37.56 0.53 -0.01	50.57 1.40 0.00	56.10 2.16 0.00	50.33 2.25 0.00	44.71 2.01 0.00	44.81 1.90 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.23 1.61 0.00	35.01 1.44 0.00	30.43 1.25 0.00	29.55 1.25 0.00	29.32 1.30 0.00	33.81 1.44 0.00	34.72 1.47 0.00	32.83 1.38 0.00	29.16 0.86 -4.57	35.33 1.12 0.00	36.35 0.94 0.00	36.26 0.81 0.00	34.34 0.69 0.00	30.81 0.58 0.00	28.24 0.57 0.00	24.49 0.55 0.00	26.02 0.69 0.00	31.14 1.00 0.00	38.41 1.38 0.00	50.99 1.83 0.00	55.99 2.05 0.00	49.90 1.82 0.00	44.28 1.57 0.00	44.46 1.55 0.00

LUTHERNY_35_KV_BK2 355980	36.26 1.64 0.00	35.00 1.43 0.00	30.42 1.24 0.00	29.52 1.23 0.00	29.31 1.28 0.00	33.82 1.46 0.00	34.75 1.50 0.00	32.82 1.37 0.00	29.16 0.86 -4.57	35.32 1.11 0.00	36.37 0.96 0.00	36.27 0.82 0.00	34.37 0.72 0.00	30.85 0.62 0.00	28.27 0.60 0.00	24.51 0.57 0.00	26.05 0.71 0.00	31.18 1.04 0.00	38.49 1.46 0.00	51.06 1.90 0.00	56.04 2.10 0.00	49.91 1.83 0.00	44.29 1.59 0.00	44.52 1.61 0.00
LWR___OSWEGATCHIE_HYD 23850	35.38 0.76 0.00	34.45 0.89 0.00	29.96 0.78 0.00	28.98 0.69 0.00	28.67 0.64 0.00	33.22 0.85 0.00	34.14 0.89 0.00	32.19 0.73 0.00	24.11 0.38 0.00	34.54 0.33 0.00	35.79 0.37 0.00	35.73 0.28 0.00	33.87 0.21 0.00	30.28 0.05 0.00	27.70 0.03 0.00	23.90 -0.04 0.00	25.23 -0.11 0.00	29.98 -0.16 0.00	37.24 0.20 -0.01	50.09 0.92 0.00	55.52 1.58 0.00	49.76 1.68 0.00	44.28 1.57 0.00	44.66 1.75 0.00
LYONS_FALL_HYD 23570	35.63 1.01 0.00	34.55 0.99 0.00	30.02 0.85 0.00	29.10 0.80 0.00	28.82 0.80 0.00	33.39 1.03 0.00	34.33 1.08 0.00	32.36 0.91 0.00	24.24 0.51 0.00	34.74 0.53 0.00	35.86 0.45 0.00	35.81 0.36 0.00	34.00 0.35 0.00	30.50 0.27 0.00	27.92 0.24 0.00	24.11 0.17 0.00	25.48 0.14 0.00	30.36 0.22 0.00	37.69 0.65 -0.01	50.47 1.31 0.00	55.78 1.84 0.00	49.93 1.84 0.00	44.31 1.61 0.00	44.40 1.49 0.00
MADISON___COUNTY_LFGE 323628	35.44 0.83 0.00	34.30 0.74 0.00	29.78 0.60 0.00	28.87 0.57 0.00	28.60 0.58 0.00	33.13 0.76 0.00	34.09 0.84 0.00	32.11 0.66 0.00	24.04 0.31 0.00	34.56 0.34 0.00	35.73 0.31 0.00	35.78 0.33 0.00	34.00 0.35 0.00	30.59 0.36 0.00	28.02 0.36 0.00	24.24 0.31 0.00	25.66 0.32 0.00	30.56 0.42 0.00	37.75 0.71 -0.01	50.35 1.19 0.00	55.39 1.46 0.00	49.40 1.32 0.00	43.79 1.09 0.00	43.85 0.94 0.00
MALONE___115KV_TB1 356076	35.57 0.95 0.00	34.35 0.79 0.00	29.83 0.65 0.00	28.85 0.56 0.00	28.46 0.43 0.00	32.88 0.51 0.00	33.83 0.58 0.00	32.00 0.55 0.00	24.21 0.48 0.00	34.79 0.58 0.00	36.16 0.75 0.00	36.30 0.85 0.00	34.44 0.79 0.00	30.91 0.68 0.00	28.33 0.66 0.00	24.46 0.52 0.00	25.84 0.51 0.00	30.81 0.67 0.00	38.05 1.02 0.00	50.92 1.75 0.00	56.08 2.15 0.00	50.02 1.93 0.00	44.26 1.56 0.00	44.68 1.76 0.00
MAPLEWOD_115KV_TB3 80458	35.48 0.87 0.00	34.37 0.81 0.00	29.94 0.76 0.00	29.10 0.80 0.00	28.87 0.84 0.00	33.19 0.83 0.00	34.06 0.81 0.00	32.31 0.86 0.00	29.21 0.57 -4.91	35.00 0.79 0.00	36.03 0.62 0.00	35.91 0.46 0.00	34.05 0.40 0.00	30.58 0.35 0.00	27.98 0.31 0.00	24.24 0.30 0.00	25.70 0.37 0.00	30.65 0.51 0.00	37.57 0.54 0.00	49.80 0.63 0.00	54.66 0.72 0.00	48.77 0.69 0.00	43.31 0.60 0.00	43.48 0.57 0.00
MAPLE_RIDGE_WT_1 323574	34.47 -0.15 0.00	33.49 -0.07 0.00	29.12 -0.06 0.00	28.24 -0.06 0.00	27.94 -0.08 0.00	32.32 -0.04 0.00	33.23 -0.02 0.00	31.42 -0.03 0.00	23.71 -0.02 0.00	34.18 -0.03 0.00	35.41 -0.01 0.00	35.47 0.02 0.00	33.67 0.02 0.00	30.23 0.01 0.00	27.69 0.02 0.00	23.95 0.01 0.00	25.31 -0.03 0.00	30.11 -0.03 0.00	37.05 0.02 0.00	49.27 0.11 0.00	54.08 0.14 0.00	48.17 0.08 0.00	42.77 0.06 0.00	43.07 0.16 0.00
MAPLE_RIDGE_WT_2 323611	34.47 -0.15 0.00	33.49 -0.07 0.00	29.12 -0.06 0.00	28.24 -0.06 0.00	27.94 -0.08 0.00	32.32 -0.04 0.00	33.23 -0.02 0.00	31.42 -0.03 0.00	23.71 -0.02 0.00	34.18 -0.03 0.00	35.41 -0.01 0.00	35.47 0.02 0.00	33.67 0.02 0.00	30.23 0.01 0.00	27.69 0.02 0.00	23.95 0.01 0.00	25.31 -0.03 0.00	30.11 -0.03 0.00	37.05 0.02 0.00	49.27 0.11 0.00	54.08 0.14 0.00	48.17 0.08 0.00	42.77 0.06 0.00	43.07 0.16 0.00
MARBLE_RIVER_WT_PWR 323696	35.09 0.47 0.00	33.98 0.41 0.00	29.52 0.35 0.00	28.58 0.28 0.00	28.18 0.15 0.00	32.52 0.16 0.00	33.45 0.20 0.00	31.66 0.21 0.00	23.97 0.25 0.00	34.50 0.29 0.00	35.89 0.47 0.00	36.00 0.55 0.00	34.20 0.55 0.00	30.73 0.50 0.00	28.15 0.48 0.00	24.35 0.41 0.00	25.70 0.37 0.00	30.68 0.55 0.00	37.82 0.79 0.00	50.47 1.31 0.00	55.43 1.50 0.00	49.42 1.34 0.00	43.73 1.02 0.00	44.08 1.17 0.00
MARSHVLE_115KV_TB1 80742	36.37 1.76 0.00	35.29 1.72 0.00	30.58 1.40 0.00	29.62 1.32 0.00	29.37 1.34 0.00	34.09 1.73 0.00	35.01 1.76 0.00	32.69 1.23 0.00	24.44 0.71 0.00	34.97 0.76 0.00	36.30 0.88 0.00	36.44 0.99 0.00	34.70 1.05 0.00	31.19 0.96 0.00	28.60 0.92 0.00	24.71 0.77 0.00	26.11 0.78 0.00	31.11 0.97 0.00	38.71 1.67 0.00	51.90 2.73 0.00	57.20 3.26 0.00	50.94 2.86 0.00	45.13 2.43 0.00	45.38 2.47 0.00
MARSH_HILL_WT_PWR 323713	33.59 -1.03 0.00	32.71 -0.86 0.00	28.58 -0.60 0.00	27.67 -0.63 0.00	27.44 -0.58 0.00	31.97 -0.39 0.00	32.69 -0.56 0.00	30.46 -0.99 0.00	22.72 -1.01 0.00	32.88 -1.33 0.00	34.20 -1.22 0.00	34.48 -0.98 0.00	33.02 -0.63 0.00	29.90 -0.33 0.00	27.37 -0.30 0.00	23.32 -0.61 0.00	24.70 -0.63 0.00	29.36 -0.78 0.00	36.41 -0.63 -0.01	48.56 -0.61 0.00	53.59 -0.34 0.00	47.61 -0.47 0.00	42.60 -0.11 0.00	43.02 0.11 0.00
MCINTYRE_115KV_TB2 80467	35.53 0.91 0.00	34.79 1.22 0.00	30.21 1.03 0.00	29.22 0.92 0.00	28.84 0.81 0.00	33.41 1.05 0.00	34.36 1.11 0.00	32.29 0.83 0.00	24.17 0.44 0.00	34.62 0.41 0.00	36.08 0.67 0.00	36.22 0.77 0.00	34.35 0.70 0.00	30.73 0.50 0.00	28.15 0.48 0.00	24.30 0.36 0.00	25.71 0.38 0.00	30.55 0.41 0.00	37.74 0.71 0.00	50.98 1.81 0.00	56.62 2.69 0.00	50.56 2.48 0.00	44.84 2.13 0.00	45.41 2.50 0.00
MECO_____69_KV_BK1 80468	36.73 2.11 0.00	35.58 2.02 0.00	30.85 1.67 0.00	29.91 1.62 0.00	29.66 1.63 0.00	34.35 1.98 0.00	35.30 2.05 0.00	33.03 1.58 0.00	24.41 0.69 0.00	34.77 0.56 0.00	35.86 0.44 0.00	35.93 0.48 0.00	34.20 0.55 0.00	30.68 0.45 0.00	28.15 0.48 0.00	24.36 0.43 0.00	25.91 0.58 0.00	31.12 0.98 0.00	38.88 1.85 0.00	52.22 3.06 0.00	57.67 3.73 0.00	51.37 3.29 0.00	45.50 2.80 0.00	45.62 2.71 0.00
MENANDS___115KV_TB5 355628	35.26 0.64 0.00	34.17 0.61 0.00	29.78 0.60 0.00	28.96 0.66 0.00	28.73 0.70 0.00	33.02 0.65 0.00	33.86 0.61 0.00	32.14 0.68 0.00	29.12 0.45 -4.94	34.84 0.63 0.00	35.88 0.47 0.00	35.76 0.31 0.00	33.91 0.26 0.00	30.44 0.22 0.00	27.84 0.17 0.00	24.11 0.18 0.00	25.57 0.23 0.00	30.45 0.32 0.00	37.29 0.25 0.00	49.39 0.22 0.00	54.23 0.29 0.00	48.39 0.31 0.00	42.98 0.27 0.00	43.18 0.27 0.00
MG INDUSTRY___DRP 24185	35.37 0.75 0.00	34.30 0.73 0.00	29.86 0.68 0.00	29.04 0.75 0.00	28.80 0.78 0.00	33.12 0.76 0.00	33.95 0.70 0.00	32.11 0.66 0.00	28.66 0.46 -4.48	34.83 0.62 0.00	35.84 0.43 0.00	35.70 0.25 0.00	33.77 0.12 0.00	30.31 0.08 0.00	27.72 0.04 0.00	24.00 0.06 0.00	25.45 0.12 0.00	30.29 0.16 0.00	37.29 0.26 0.00	49.54 0.38 0.00	54.43 0.49 0.00	48.53 0.45 0.00	43.14 0.43 0.00	43.33 0.42 0.00

MID___OSWEGATCHIE_HYD 23849	35.38 0.76 0.00	34.45 0.89 0.00	29.96 0.78 0.00	28.98 0.69 0.00	28.67 0.64 0.00	33.22 0.85 0.00	34.14 0.89 0.00	32.19 0.73 0.00	24.11 0.38 0.00	34.54 0.33 0.00	35.79 0.37 0.00	35.73 0.28 0.00	33.87 0.21 0.00	30.28 0.05 0.00	27.70 0.03 0.00	23.90 -0.04 0.00	25.23 -0.11 0.00	29.98 -0.16 0.00	37.24 0.20 -0.01	50.09 0.92 0.00	55.52 1.58 0.00	49.76 1.68 0.00	44.28 1.57 0.00	44.66 1.75 0.00
MID___RAQUETTE_HYD 23851	35.08 0.46 0.00	34.25 0.69 0.00	29.76 0.58 0.00	28.76 0.46 0.00	28.41 0.38 0.00	32.88 0.52 0.00	33.81 0.56 0.00	31.93 0.48 0.00	24.04 0.31 0.00	34.50 0.29 0.00	35.94 0.53 0.00	36.05 0.59 0.00	34.08 0.43 0.00	30.36 0.13 0.00	27.81 0.14 0.00	24.00 0.06 0.00	25.36 0.03 0.00	30.09 -0.05 0.00	37.17 0.14 0.00	49.89 0.73 0.00	55.10 1.16 0.00	49.23 1.15 0.00	43.88 1.18 0.00	44.55 1.64 0.00
MILLIKEN___1 23584	34.96 0.34 0.00	33.84 0.28 0.00	29.33 0.15 0.00	28.43 0.13 0.00	28.16 0.13 0.00	32.67 0.30 0.00	33.60 0.35 0.00	31.67 0.22 0.00	23.72 -0.01 0.00	34.09 -0.12 0.00	35.24 -0.17 0.00	35.31 -0.14 0.00	33.57 -0.08 0.00	30.19 -0.04 0.00	27.59 -0.08 0.00	23.84 -0.09 0.00	25.30 -0.03 0.00	30.11 -0.02 0.00	37.24 0.19 -0.02	49.64 0.47 0.00	54.48 0.55 0.00	48.59 0.51 0.00	43.18 0.47 0.00	43.23 0.32 0.00
MILLIKEN___2 23585	34.96 0.34 0.00	33.84 0.28 0.00	29.33 0.15 0.00	28.43 0.13 0.00	28.16 0.13 0.00	32.67 0.30 0.00	33.60 0.35 0.00	31.67 0.22 0.00	23.72 -0.01 0.00	34.09 -0.12 0.00	35.24 -0.17 0.00	35.31 -0.14 0.00	33.57 -0.08 0.00	30.19 -0.04 0.00	27.59 -0.08 0.00	23.84 -0.09 0.00	25.30 -0.03 0.00	30.11 -0.02 0.00	37.24 0.19 -0.02	49.64 0.47 0.00	54.48 0.55 0.00	48.59 0.51 0.00	43.18 0.47 0.00	43.23 0.32 0.00
MILLIKEN___DIESEL 23629	34.96 0.34 0.00	33.84 0.28 0.00	29.33 0.15 0.00	28.43 0.13 0.00	28.16 0.13 0.00	32.67 0.30 0.00	33.60 0.35 0.00	31.67 0.22 0.00	23.72 -0.01 0.00	34.09 -0.12 0.00	35.24 -0.17 0.00	35.31 -0.14 0.00	33.57 -0.08 0.00	30.19 -0.04 0.00	27.59 -0.08 0.00	23.84 -0.09 0.00	25.30 -0.03 0.00	30.11 -0.02 0.00	37.24 0.19 -0.02	49.64 0.47 0.00	54.48 0.55 0.00	48.59 0.51 0.00	43.18 0.47 0.00	43.23 0.32 0.00
MILLSEAT___LFGE 323607	34.24 -0.38 0.00	33.24 -0.33 0.00	28.93 -0.25 0.00	27.90 -0.40 0.00	27.52 -0.51 0.00	32.13 -0.24 0.00	32.67 -0.58 0.00	30.56 -0.89 0.00	23.00 -0.72 0.00	33.17 -1.04 0.00	34.69 -0.72 0.00	35.36 -0.09 0.00	33.59 -0.06 0.00	30.17 -0.06 0.00	27.51 -0.16 0.00	23.51 -0.43 0.00	24.62 -0.72 0.00	29.36 -0.78 0.00	36.32 -0.71 0.00	48.06 -1.11 0.00	52.84 -1.10 0.00	47.11 -0.97 0.00	41.79 -0.92 0.00	42.46 -0.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.29 1.67 0.00	35.22 1.65 0.00	30.56 1.39 0.00	29.59 1.29 0.00	29.33 1.30 0.00	33.84 1.48 0.00	34.92 1.67 0.00	33.10 1.65 0.00	56.25 1.18 -31.33	36.07 1.86 0.00	37.39 1.97 0.00	37.32 1.87 0.00	35.35 1.70 0.00	31.69 1.46 0.00	29.03 1.36 0.00	25.12 1.19 0.00	26.60 1.27 0.00	31.42 1.28 0.00	38.31 1.28 0.00	50.42 1.25 0.00	55.30 1.36 0.00	49.40 1.32 0.00	44.14 1.44 0.00	44.24 1.34 0.00
MILLWOOD_13_KV_LOAD 356217	36.35 1.73 0.00	35.27 1.70 0.00	30.61 1.43 0.00	29.63 1.33 0.00	29.36 1.34 0.00	33.89 1.52 0.00	34.97 1.72 0.00	33.15 1.69 0.00	56.28 1.22 -31.33	36.12 1.91 0.00	37.44 2.02 0.00	37.38 1.93 0.00	35.41 1.76 0.00	31.75 1.52 0.00	29.08 1.41 0.00	25.16 1.22 0.00	26.64 1.31 0.00	31.47 1.33 0.00	38.38 1.35 0.00	50.52 1.35 0.00	55.39 1.45 0.00	49.48 1.40 0.00	44.21 1.51 0.00	44.31 1.40 0.00
MODEL_CITY_ENERGY 24167	33.31 -1.31 0.00	32.39 -1.18 0.00	28.22 -0.96 0.00	27.22 -1.08 0.00	26.83 -1.19 0.00	31.33 -1.04 0.00	31.72 -1.53 0.00	29.64 -1.81 0.00	22.43 -1.30 0.00	32.44 -1.77 0.00	33.88 -1.53 0.00	34.61 -0.84 0.00	32.93 -0.72 0.00	29.65 -0.58 0.00	27.00 -0.67 0.00	23.03 -0.90 0.00	24.06 -1.27 0.00	28.63 -1.50 0.00	35.31 -1.72 0.00	46.43 -2.74 0.00	50.91 -3.02 0.00	45.43 -2.65 0.00	40.38 -2.32 0.00	41.26 -1.65 0.00
MODERN_LFGE___ 323580	33.31 -1.31 0.00	32.39 -1.18 0.00	28.22 -0.96 0.00	27.22 -1.08 0.00	26.83 -1.19 0.00	31.33 -1.04 0.00	31.72 -1.53 0.00	29.64 -1.81 0.00	22.43 -1.30 0.00	32.44 -1.77 0.00	33.88 -1.53 0.00	34.61 -0.84 0.00	32.93 -0.72 0.00	29.65 -0.58 0.00	27.00 -0.67 0.00	23.03 -0.90 0.00	24.06 -1.27 0.00	28.63 -1.50 0.00	35.31 -1.72 0.00	46.43 -2.74 0.00	50.91 -3.02 0.00	45.43 -2.65 0.00	40.38 -2.32 0.00	41.26 -1.65 0.00
MOHAWK_PAPER___DRP 24187	35.48 0.87 0.00	34.37 0.81 0.00	29.94 0.76 0.00	29.10 0.80 0.00	28.87 0.84 0.00	33.19 0.83 0.00	34.06 0.81 0.00	32.31 0.86 0.00	29.21 0.57 -4.91	35.00 0.79 0.00	36.03 0.62 0.00	35.91 0.46 0.00	34.05 0.40 0.00	30.58 0.35 0.00	27.98 0.31 0.00	24.24 0.30 0.00	25.70 0.37 0.00	30.65 0.51 0.00	37.57 0.54 0.00	49.80 0.63 0.00	54.66 0.72 0.00	48.77 0.69 0.00	43.31 0.60 0.00	43.48 0.57 0.00
MOHICAN___35_KV_115KV_LD 80490	36.57 1.95 0.00	35.23 1.66 0.00	30.60 1.42 0.00	29.71 1.42 0.00	29.52 1.49 0.00	34.05 1.69 0.00	35.00 1.75 0.00	33.07 1.61 0.00	29.22 0.94 -4.55	35.37 1.16 0.00	36.25 0.84 0.00	36.17 0.72 0.00	34.19 0.53 0.00	30.64 0.41 0.00	28.13 0.46 0.00	24.46 0.53 0.00	26.04 0.70 0.00	31.27 1.14 0.00	38.68 1.65 0.00	51.43 2.26 0.00	56.50 2.56 0.00	50.38 2.30 0.00	44.63 1.92 0.00	44.82 1.91 0.00
MONGAUP___HYD 23641	36.07 1.45 0.00	35.12 1.56 0.00	30.44 1.26 0.00	29.47 1.17 0.00	29.19 1.17 0.00	33.73 1.36 0.00	34.78 1.52 0.00	32.95 1.49 0.00	0.57 1.05 24.21	35.77 1.56 0.00	36.92 1.51 0.00	36.94 1.49 0.00	34.92 1.27 0.00	31.29 1.06 0.00	28.55 0.88 0.00	24.66 0.72 0.00	26.20 0.86 0.00	31.07 0.94 0.00	38.19 1.16 0.00	50.50 1.34 0.00	55.56 1.62 0.00	49.59 1.51 0.00	44.43 1.72 0.00	44.42 1.51 0.00
MONTAUK___DIESEL 23721	36.82 2.20 0.00	35.70 2.13 0.00	30.93 1.75 0.00	29.84 1.55 0.00	29.57 1.54 0.00	34.16 1.80 0.00	35.28 2.03 0.00	33.62 2.17 0.00	55.21 1.81 -29.67	37.25 3.04 0.00	40.51 3.51 -1.58	39.22 3.37 -0.40	36.21 2.56 0.00	31.96 1.73 0.00	29.39 1.72 0.00	25.51 1.57 0.00	26.92 1.59 0.00	32.00 1.87 0.00	38.80 1.77 0.00	50.76 1.60 0.00	56.05 2.11 0.00	50.58 2.50 0.00	45.33 2.62 0.00	45.91 3.00 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.69 -0.93 0.00	32.68 -0.89 0.00	28.52 -0.65 0.00	27.58 -0.72 0.00	27.17 -0.85 0.00	31.46 -0.91 0.00	32.28 -0.97 0.00	30.28 -1.17 0.00	23.24 -0.48 0.00	33.72 -0.49 0.00	35.20 -0.22 0.00	35.75 0.30 0.00	34.03 0.38 0.00	30.76 0.53 0.00	27.97 0.29 0.00	23.86 -0.07 0.00	25.08 -0.26 0.00	29.96 -0.17 0.00	36.96 -0.08 0.00	48.85 -0.31 0.00	53.55 -0.39 0.00	47.38 -0.70 0.00	42.44 -0.26 0.00	42.93 0.02 0.00

MORRIS_RIDGE___SOLAR 323848	33.62 -1.00 0.00	32.67 -0.90 0.00	28.49 -0.69 0.00	27.54 -0.76 0.00	27.25 -0.77 0.00	31.75 -0.61 0.00	32.43 -0.82 0.00	30.19 -1.27 0.00	22.51 -1.21 0.00	32.61 -1.60 0.00	33.95 -1.46 0.00	34.35 -1.10 0.00	32.94 -0.71 0.00	29.66 -0.57 0.00	27.05 -0.62 0.00	23.10 -0.83 0.00	24.38 -0.96 0.00	28.95 -1.18 0.00	35.97 -1.06 0.00	47.94 -1.22 0.00	52.87 -1.07 0.00	47.08 -1.01 0.00	42.01 -0.70 0.00	42.41 -0.51 0.00
MORTIMER_115KV_TB3 55949	34.21 -0.40 0.00	33.16 -0.41 0.00	28.82 -0.36 0.00	27.86 -0.44 0.00	27.54 -0.49 0.00	32.01 -0.36 0.00	32.76 -0.49 0.00	30.86 -0.60 0.00	23.23 -0.50 0.00	33.59 -0.62 0.00	34.95 -0.46 0.00	35.31 -0.14 0.00	33.58 -0.07 0.00	30.19 -0.04 0.00	27.58 -0.09 0.00	23.74 -0.20 0.00	25.06 -0.27 0.00	29.85 -0.29 0.00	36.85 -0.18 0.00	48.74 -0.43 0.00	53.36 -0.58 0.00	47.50 -0.58 0.00	42.11 -0.59 0.00	42.45 -0.46 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.60 1.98 0.00	35.49 1.93 0.00	30.79 1.62 0.00	29.81 1.51 0.00	29.54 1.51 0.00	34.10 1.74 0.00	35.21 1.96 0.00	33.40 1.94 0.00	54.92 1.44 -29.75	36.44 2.23 0.00	37.81 2.39 0.00	37.75 2.29 0.00	35.74 2.09 0.00	32.05 1.82 0.00	29.36 1.69 0.00	25.41 1.47 0.00	26.89 1.55 0.00	31.69 1.56 0.00	38.62 1.59 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.59 0.00	44.47 1.76 0.00	44.59 1.68 0.00
MUNSVILLE_WIND_PWR 323609	36.49 1.87 0.00	35.55 1.98 0.00	30.78 1.60 0.00	29.79 1.49 0.00	29.50 1.47 0.00	34.37 2.00 0.00	35.32 2.07 0.00	33.24 1.79 0.00	24.81 1.08 0.00	35.62 1.40 0.00	36.82 1.41 0.00	36.92 1.47 0.00	35.13 1.47 0.00	31.57 1.34 0.00	28.88 1.21 0.00	24.98 1.05 0.00	26.52 1.19 0.00	31.61 1.47 0.00	38.96 1.91 -0.01	52.24 3.08 0.00	57.42 3.48 0.00	51.08 2.99 0.00	45.27 2.56 0.00	45.29 2.38 0.00
N SALMON___HYD 24042	35.57 0.95 0.00	34.35 0.79 0.00	29.83 0.65 0.00	28.85 0.56 0.00	28.46 0.43 0.00	32.88 0.51 0.00	33.83 0.58 0.00	32.00 0.55 0.00	24.21 0.48 0.00	34.79 0.58 0.00	36.16 0.75 0.00	36.30 0.85 0.00	34.44 0.79 0.00	30.91 0.68 0.00	28.33 0.66 0.00	24.45 0.52 0.00	25.84 0.51 0.00	30.81 0.67 0.00	38.05 1.02 0.00	50.91 1.75 0.00	56.08 2.15 0.00	50.02 1.93 0.00	44.26 1.55 0.00	44.67 1.76 0.00
N.AKRON__115KV_KNAPP 355671	34.04 -0.58 0.00	33.05 -0.51 0.00	28.77 -0.40 0.00	27.75 -0.54 0.00	27.37 -0.65 0.00	31.96 -0.40 0.00	32.45 -0.80 0.00	30.40 -1.05 0.00	22.91 -0.82 0.00	33.06 -1.15 0.00	34.59 -0.83 0.00	35.25 -0.20 0.00	33.49 -0.16 0.00	30.11 -0.12 0.00	27.43 -0.24 0.00	23.46 -0.48 0.00	24.54 -0.79 0.00	29.27 -0.86 0.00	36.15 -0.88 0.00	47.74 -1.43 0.00	52.44 -1.50 0.00	46.74 -1.34 0.00	41.49 -1.21 0.00	42.23 -0.68 0.00
N.E_GEN_SANDY PD 24062	36.15 1.15 -0.37	34.41 1.07 0.22	30.12 0.94 0.00	29.24 0.94 0.00	29.01 0.99 0.00	33.12 1.01 0.25	34.32 1.07 0.00	32.59 1.14 0.00	32.56 0.76 -8.06	35.21 1.12 0.12	36.40 0.99 0.00	36.24 0.78 0.00	34.29 0.64 0.00	30.78 0.55 0.00	28.19 0.52 0.00	24.42 0.48 0.00	25.71 0.54 0.16	30.79 0.65 0.00	37.60 0.57 0.00	50.44 0.59 -0.68	54.66 0.72 0.00	48.84 0.75 0.00	43.42 0.72 0.00	44.53 0.67 -0.95
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.22 1.60 0.00	35.17 1.60 0.00	30.53 1.35 0.00	29.55 1.25 0.00	29.28 1.25 0.00	33.81 1.44 0.00	34.89 1.64 0.00	33.04 1.59 0.00	-15.55 1.11 40.39	35.99 1.77 0.00	37.31 1.89 0.00	37.26 1.81 0.00	35.31 1.65 0.00	31.67 1.44 0.00	28.98 1.31 0.00	25.08 1.15 0.00	26.57 1.24 0.00	31.38 1.25 0.00	38.29 1.27 0.00	50.39 1.23 0.00	55.33 1.39 0.00	49.42 1.34 0.00	44.17 1.46 0.00	44.26 1.35 0.00
N.QUEENS_27_KV_LOAD 356247	36.56 1.95 0.00	35.65 2.09 0.00	30.98 1.80 0.00	29.96 1.66 0.00	29.66 1.63 0.00	34.26 1.89 0.00	35.41 2.16 0.00	33.55 2.09 0.00	55.02 1.52 -29.78	36.56 2.35 0.00	37.99 2.58 0.00	37.92 2.47 0.00	35.87 2.22 0.00	32.14 1.91 0.00	29.51 1.84 0.00	25.51 1.58 0.00	26.98 1.65 0.00	31.69 1.55 0.00	38.58 1.55 0.00	50.77 1.61 0.00	55.62 1.68 0.00	49.81 1.73 0.00	44.61 1.91 0.00	44.64 1.73 0.00
N.TROY___115KV_TB1 355778	35.76 1.14 0.00	34.59 1.02 0.00	30.09 0.91 0.00	29.25 0.95 0.00	29.03 1.00 0.00	33.39 1.02 0.00	34.28 1.03 0.00	32.49 1.04 0.00	29.32 0.66 -4.93	35.11 0.90 0.00	36.16 0.74 0.00	36.00 0.55 0.00	34.11 0.46 0.00	30.62 0.39 0.00	28.04 0.37 0.00	24.28 0.35 0.00	25.74 0.41 0.00	30.74 0.60 0.00	37.72 0.69 0.00	50.02 0.86 0.00	54.96 1.02 0.00	49.05 0.97 0.00	43.55 0.84 0.00	43.73 0.82 0.00
NARROWS_GT1_1 24228	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT1_2 24229	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT1_3 24230	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT1_4 24231	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT1_5 24232	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00

NARROWS_GT1_6 24233	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT1_7 24234	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT1_8 24235	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_1 24236	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_2 24237	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_3 24238	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_4 24239	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_5 24240	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_6 24241	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_7 24242	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NARROWS_GT2_8 24243	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.77 1.15 0.00	34.65 1.08 0.00	30.17 0.99 0.00	29.35 1.05 0.00	29.11 1.09 0.00	33.50 1.14 0.00	34.36 1.11 0.00	32.59 1.13 0.00	24.50 0.77 0.00	35.21 1.00 0.00	36.14 0.73 0.00	35.95 0.50 0.00	34.04 0.39 0.00	30.52 0.29 0.00	27.91 0.23 0.00	24.21 0.27 0.00	25.74 0.40 0.00	30.70 0.56 0.00	37.86 0.82 0.00	50.53 1.36 0.00	55.59 1.65 0.00	49.50 1.42 0.00	43.88 1.17 0.00	43.99 1.08 0.00
NCHELSEA_115KV_TR2 355582	36.40 1.78 0.00	35.30 1.73 0.00	30.63 1.45 0.00	29.66 1.37 0.00	29.41 1.38 0.00	33.93 1.57 0.00	34.99 1.74 0.00	33.19 1.74 0.00	24.99 1.27 0.00	36.15 1.94 0.00	37.42 2.01 0.00	37.39 1.94 0.00	35.39 1.74 0.00	31.74 1.51 0.00	29.07 1.40 0.00	25.16 1.22 0.00	26.67 1.33 0.00	31.60 1.47 0.00	38.62 1.59 0.00	50.90 1.74 0.00	55.81 1.87 0.00	49.82 1.74 0.00	44.42 1.71 0.00	44.45 1.54 0.00
NEG CAPITAL___MECHNVIL 23645	36.29 1.67 0.00	35.06 1.49 0.00	30.48 1.30 0.00	29.59 1.29 0.00	29.37 1.34 0.00	33.84 1.48 0.00	34.76 1.51 0.00	32.89 1.44 0.00	29.33 0.92 -4.69	35.43 1.22 0.00	36.47 1.05 0.00	36.36 0.91 0.00	34.45 0.80 0.00	30.93 0.69 0.00	28.35 0.67 0.00	24.57 0.63 0.00	26.11 0.77 0.00	31.22 1.09 0.00	38.50 1.47 0.00	51.09 1.93 0.00	56.09 2.15 0.00	50.00 1.92 0.00	44.34 1.63 0.00	44.50 1.60 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.64 -0.98 0.00	32.60 -0.96 0.00	28.33 -0.85 0.00	27.41 -0.89 0.00	27.08 -0.95 0.00	31.47 -0.90 0.00	32.25 -0.99 0.00	30.39 -1.06 0.00	22.87 -0.86 0.00	33.06 -1.15 0.00	34.32 -1.09 0.00	34.64 -0.82 0.00	32.94 -0.71 0.00	29.61 -0.62 0.00	27.05 -0.62 0.00	23.30 -0.64 0.00	24.63 -0.71 0.00	29.34 -0.79 0.00	36.25 -0.78 0.00	48.00 -1.17 0.00	52.52 -1.42 0.00	46.76 -1.32 0.00	41.43 -1.28 0.00	41.68 -1.23 0.00

NEG CENTRAL___DRP 24199	34.49 -0.13 0.00	33.38 -0.18 0.00	28.97 -0.20 0.00	28.08 -0.22 0.00	27.82 -0.21 0.00	32.28 -0.09 0.00	33.18 -0.07 0.00	31.26 -0.20 0.00	23.43 -0.30 0.00	33.72 -0.49 0.00	34.91 -0.50 0.00	35.08 -0.38 0.00	33.43 -0.22 0.00	30.06 -0.17 0.00	27.46 -0.21 0.00	23.67 -0.27 0.00	25.06 -0.27 0.00	29.85 -0.29 0.00	36.91 -0.14 -0.02	49.04 -0.13 0.00	53.77 -0.17 0.00	47.92 -0.17 0.00	42.65 -0.06 0.00	42.76 -0.15 0.00
NEG CENTRAL___INDECK 23768	34.93 0.31 0.00	33.97 0.40 0.00	29.57 0.39 0.00	28.59 0.29 0.00	28.28 0.25 0.00	32.96 0.59 0.00	33.76 0.51 0.00	31.55 0.09 0.00	23.35 -0.37 0.00	33.80 -0.41 0.00	35.18 -0.23 0.00	35.57 0.12 0.00	33.94 0.29 0.00	30.65 0.42 0.00	27.97 0.29 0.00	24.03 0.09 0.00	25.35 0.01 0.00	30.10 -0.04 0.00	37.26 0.22 0.00	49.84 0.67 0.00	55.21 1.27 0.00	49.24 1.16 0.00	43.66 0.95 0.00	43.97 1.06 0.00
NEG CENTRAL___SENECA 23627	34.57 -0.05 0.00	33.46 -0.11 0.00	29.05 -0.13 0.00	28.14 -0.16 0.00	27.87 -0.15 0.00	32.38 0.01 0.00	33.28 0.03 0.00	31.32 -0.13 0.00	23.47 -0.25 0.00	33.77 -0.44 0.00	34.98 -0.43 0.00	35.18 -0.27 0.00	33.55 -0.10 0.00	30.15 -0.08 0.00	27.54 -0.13 0.00	23.71 -0.23 0.00	25.11 -0.22 0.00	29.93 -0.20 0.00	37.05 0.01 -0.01	49.19 0.02 0.00	53.95 0.01 0.00	48.04 -0.05 0.00	42.82 0.11 0.00	42.93 0.02 0.00
NEG CENTRAL___STATE_STREET 24147	34.67 0.05 0.00	33.56 0.00 0.00	29.03 -0.15 0.00	28.13 -0.17 0.00	27.90 -0.13 0.00	32.40 0.03 0.00	33.30 0.05 0.00	31.42 -0.04 0.00	23.53 -0.19 0.00	33.89 -0.32 0.00	35.06 -0.35 0.00	35.20 -0.25 0.00	33.48 -0.17 0.00	30.12 -0.11 0.00	27.52 -0.15 0.00	23.70 -0.23 0.00	25.15 -0.18 0.00	29.88 -0.26 0.00	36.91 -0.15 -0.03	49.19 0.02 0.00	53.82 -0.12 0.00	48.10 0.02 0.00	42.76 0.05 0.00	42.86 -0.05 0.00
NEG MILLWOOD___DRP 24198	36.50 1.88 0.00	35.37 1.80 0.00	30.69 1.52 0.00	29.73 1.43 0.00	29.46 1.44 0.00	34.00 1.63 0.00	35.07 1.82 0.00	33.29 1.84 0.00	33.52 1.35 -8.44	36.27 2.06 0.00	37.58 2.16 0.00	37.53 2.08 0.00	35.54 1.89 0.00	31.87 1.64 0.00	29.19 1.52 0.00	25.28 1.34 0.00	26.76 1.43 0.00	31.68 1.55 0.00	38.70 1.67 0.00	50.97 1.80 0.00	55.89 1.95 0.00	49.88 1.80 0.00	44.49 1.78 0.00	44.52 1.61 0.00
NEG NORTH_FLCN_SEA 23793	35.56 0.94 0.00	34.34 0.77 0.00	29.81 0.63 0.00	28.87 0.58 0.00	28.49 0.46 0.00	32.85 0.49 0.00	33.79 0.54 0.00	31.96 0.51 0.00	24.19 0.46 0.00	34.81 0.60 0.00	36.25 0.83 0.00	36.34 0.88 0.00	34.52 0.86 0.00	31.01 0.79 0.00	28.44 0.77 0.00	24.62 0.68 0.00	25.95 0.62 0.00	31.04 0.91 0.00	38.26 1.24 0.00	51.08 1.92 0.00	56.10 2.16 0.00	50.06 1.97 0.00	44.28 1.57 0.00	44.57 1.66 0.00
NEG NORTH_KES_CHATEGAY 23792	35.17 0.55 0.00	34.01 0.45 0.00	29.55 0.37 0.00	28.59 0.29 0.00	28.19 0.17 0.00	32.53 0.16 0.00	33.46 0.21 0.00	31.65 0.19 0.00	23.95 0.22 0.00	34.46 0.25 0.00	35.84 0.42 0.00	35.97 0.52 0.00	34.17 0.52 0.00	30.71 0.48 0.00	28.13 0.46 0.00	24.32 0.38 0.00	25.67 0.34 0.00	30.65 0.51 0.00	37.78 0.75 0.00	50.45 1.29 0.00	55.54 1.60 0.00	49.52 1.44 0.00	43.78 1.08 0.00	44.16 1.25 0.00
NEG NORTH___ALICE_FALLS 23915	35.69 1.07 0.00	34.39 0.83 0.00	29.86 0.69 0.00	28.91 0.61 0.00	28.52 0.49 0.00	32.88 0.52 0.00	33.84 0.59 0.00	31.99 0.53 0.00	24.18 0.45 0.00	34.78 0.57 0.00	36.21 0.79 0.00	36.30 0.85 0.00	34.49 0.84 0.00	31.01 0.78 0.00	28.43 0.76 0.00	24.59 0.66 0.00	25.95 0.62 0.00	31.06 0.93 0.00	38.29 1.27 0.00	51.18 2.01 0.00	56.26 2.32 0.00	50.18 2.10 0.00	44.37 1.66 0.00	44.66 1.75 0.00
NEG NORTH___LWR_SARANAC 23913	35.69 1.07 0.00	34.39 0.83 0.00	29.86 0.69 0.00	28.91 0.61 0.00	28.52 0.49 0.00	32.88 0.52 0.00	33.84 0.59 0.00	31.99 0.53 0.00	24.18 0.45 0.00	34.78 0.57 0.00	36.21 0.79 0.00	36.30 0.85 0.00	34.49 0.84 0.00	31.01 0.78 0.00	28.43 0.76 0.00	24.59 0.66 0.00	25.95 0.62 0.00	31.06 0.93 0.00	38.29 1.27 0.00	51.18 2.01 0.00	56.26 2.32 0.00	50.18 2.10 0.00	44.37 1.66 0.00	44.66 1.75 0.00
NEG NORTH___PLATTSBURG 23628	35.69 1.07 0.00	34.39 0.83 0.00	29.86 0.68 0.00	28.91 0.61 0.00	28.52 0.49 0.00	32.88 0.52 0.00	33.84 0.59 0.00	31.99 0.53 0.00	24.18 0.45 0.00	34.78 0.57 0.00	36.21 0.79 0.00	36.30 0.85 0.00	34.49 0.83 0.00	31.01 0.78 0.00	28.43 0.76 0.00	24.59 0.66 0.00	25.95 0.62 0.00	31.06 0.93 0.00	38.29 1.27 0.00	51.18 2.02 0.00	56.26 2.32 0.00	50.18 2.10 0.00	44.37 1.67 0.00	44.66 1.75 0.00
NEG WEST_LEA_LOCKPORT 23791	33.50 -1.12 0.00	32.57 -0.99 0.00	28.38 -0.80 0.00	27.38 -0.92 0.00	26.99 -1.04 0.00	31.51 -0.86 0.00	31.95 -1.30 0.00	29.91 -1.55 0.00	22.59 -1.14 0.00	32.68 -1.53 0.00	34.16 -1.26 0.00	34.86 -0.60 0.00	33.17 -0.48 0.00	29.85 -0.38 0.00	27.19 -0.48 0.00	23.20 -0.73 0.00	24.29 -1.04 0.00	28.93 -1.21 0.00	35.69 -1.34 0.00	46.95 -2.22 0.00	51.48 -2.46 0.00	45.91 -2.17 0.00	40.80 -1.90 0.00	41.62 -1.29 0.00
NEG WEST___LANCASTR 23811	33.66 -0.95 0.00	32.65 -0.91 0.00	28.41 -0.77 0.00	27.44 -0.85 0.00	27.08 -0.95 0.00	31.59 -0.77 0.00	32.22 -1.03 0.00	30.22 -1.23 0.00	22.82 -0.91 0.00	33.09 -1.12 0.00	34.51 -0.91 0.00	35.06 -0.39 0.00	33.36 -0.29 0.00	30.05 -0.18 0.00	27.37 -0.30 0.00	23.40 -0.53 0.00	24.67 -0.66 0.00	29.36 -0.78 0.00	36.20 -0.83 0.00	47.62 -1.54 0.00	52.11 -1.83 0.00	46.42 -1.66 0.00	41.32 -1.39 0.00	41.85 -1.06 0.00
NEG_PENN_ALLEGHNY 23528	34.75 0.13 0.00	33.61 0.05 0.00	29.17 -0.01 0.00	28.28 -0.02 0.00	28.01 -0.02 0.00	32.48 0.11 0.00	33.41 0.16 0.00	31.49 0.03 0.00	23.65 -0.07 0.00	34.14 -0.07 0.00	35.41 -0.01 0.00	35.53 0.08 0.00	33.80 0.15 0.00	30.37 0.13 0.00	27.75 0.08 0.00	23.98 0.04 0.00	25.44 0.10 0.00	30.25 0.11 0.00	37.27 0.22 -0.01	49.27 0.11 0.00	53.94 0.00 0.00	48.03 -0.05 0.00	42.80 0.09 0.00	42.86 -0.04 0.00
NEG___GEN_MONROE 24207	34.43 -0.19 0.00	33.44 -0.13 0.00	29.09 -0.08 0.00	28.08 -0.22 0.00	27.74 -0.28 0.00	32.26 -0.10 0.00	33.06 -0.20 0.00	31.01 -0.44 0.00	23.30 -0.42 0.00	33.64 -0.57 0.00	35.03 -0.39 0.00	35.45 -0.01 0.00	33.70 0.05 0.00	30.27 0.04 0.00	27.68 0.01 0.00	23.77 -0.16 0.00	25.06 -0.27 0.00	29.87 -0.26 0.00	36.92 -0.11 0.00	48.92 -0.25 0.00	53.63 -0.31 0.00	47.76 -0.32 0.00	42.31 -0.39 0.00	42.69 -0.22 0.00
NEPA___ENERGY 23901	33.86 -0.75 0.00	32.68 -0.88 0.00	28.34 -0.84 0.00	27.45 -0.85 0.00	27.12 -0.91 0.00	31.57 -0.80 0.00	32.31 -0.94 0.00	30.28 -1.18 0.00	22.88 -0.84 0.00	33.19 -1.02 0.00	34.68 -0.73 0.00	35.17 -0.28 0.00	33.50 -0.15 0.00	30.16 -0.07 0.00	27.39 -0.28 0.00	23.43 -0.51 0.00	24.81 -0.52 0.00	29.53 -0.61 0.00	36.43 -0.60 0.00	47.86 -1.31 0.00	52.30 -1.63 0.00	46.48 -1.60 0.00	41.71 -1.00 0.00	42.03 -0.88 0.00

NEVERSINK___HYD 23608	35.61 0.99 0.00	34.52 0.96 0.00	29.94 0.76 0.00	28.98 0.69 0.00	28.71 0.69 0.00	33.16 0.79 0.00	34.19 0.94 0.00	32.42 0.97 0.00	17.30 0.73 7.16	35.43 1.21 0.00	36.70 1.28 0.00	36.63 1.17 0.00	34.58 0.93 0.00	30.23 0.00 0.00	27.64 -0.04 0.00	23.91 -0.02 0.00	25.38 0.04 0.00	30.15 0.01 0.00	37.00 -0.02 0.00	48.94 -0.23 0.00	53.86 -0.07 0.00	49.16 1.07 0.00	43.78 1.07 0.00	43.78 0.87 0.00
NEWKRMKL_115KV_TB1 55635	35.12 0.50 0.00	34.04 0.47 0.00	29.67 0.49 0.00	28.85 0.56 0.00	28.61 0.59 0.00	32.89 0.52 0.00	33.74 0.49 0.00	32.02 0.57 0.00	28.96 0.37 -4.86	34.71 0.50 0.00	35.76 0.34 0.00	35.65 0.20 0.00	33.83 0.18 0.00	30.35 0.12 0.00	27.74 0.06 0.00	24.03 0.10 0.00	25.49 0.15 0.00	30.36 0.22 0.00	37.19 0.16 0.00	49.25 0.09 0.00	54.06 0.13 0.00	48.24 0.15 0.00	42.84 0.13 0.00	43.03 0.12 0.00
NEWTON___FALLS_HYD 23847	35.38 0.76 0.00	34.45 0.89 0.00	29.96 0.78 0.00	28.98 0.69 0.00	28.67 0.64 0.00	33.22 0.85 0.00	34.14 0.89 0.00	32.19 0.73 0.00	24.11 0.38 0.00	34.54 0.33 0.00	35.79 0.37 0.00	35.73 0.28 0.00	33.87 0.21 0.00	30.28 0.05 0.00	27.70 0.03 0.00	23.90 -0.04 0.00	25.23 -0.11 0.00	29.98 -0.16 0.00	37.24 0.20 -0.01	50.09 0.92 0.00	55.52 1.58 0.00	49.76 1.68 0.00	44.28 1.57 0.00	44.66 1.75 0.00
NGRID_A1_DSASP 323792	32.95 -1.66 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.83 0.00	29.40 -2.06 0.00	22.25 -1.48 0.00	32.23 -1.98 0.00	33.67 -1.75 0.00	34.40 -1.06 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.61 -1.52 0.00	35.27 -1.76 0.00	46.14 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.96 -1.95 0.00
NGRID_A2_DSASP 323793	32.95 -1.66 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.83 0.00	29.40 -2.06 0.00	22.25 -1.48 0.00	32.23 -1.98 0.00	33.67 -1.75 0.00	34.40 -1.06 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.61 -1.52 0.00	35.27 -1.76 0.00	46.14 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.96 -1.95 0.00
NGRID_A4_DSASP 323807	32.95 -1.66 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.83 0.00	29.40 -2.06 0.00	22.25 -1.48 0.00	32.23 -1.98 0.00	33.67 -1.75 0.00	34.40 -1.06 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.61 -1.52 0.00	35.27 -1.76 0.00	46.14 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.96 -1.95 0.00
NIAGARA_115E_LBMP 323715	33.18 -1.43 0.00	32.27 -1.30 0.00	28.12 -1.06 0.00	27.12 -1.18 0.00	26.73 -1.29 0.00	31.21 -1.16 0.00	31.58 -1.67 0.00	29.50 -1.96 0.00	22.33 -1.40 0.00	32.29 -1.92 0.00	33.73 -1.68 0.00	34.47 -0.98 0.00	32.80 -0.86 0.00	29.53 -0.70 0.00	26.90 -0.77 0.00	22.93 -1.00 0.00	23.93 -1.40 0.00	28.48 -1.66 0.00	35.11 -1.92 0.00	46.12 -3.04 0.00	50.59 -3.35 0.00	45.16 -2.93 0.00	40.15 -2.56 0.00	41.06 -1.85 0.00
NIAGARA_115W_LBMP 323714	32.89 -1.73 0.00	31.93 -1.63 0.00	27.87 -1.31 0.00	26.88 -1.42 0.00	26.49 -1.54 0.00	30.89 -1.47 0.00	31.35 -1.90 0.00	29.34 -2.11 0.00	22.21 -1.51 0.00	32.17 -2.04 0.00	33.60 -1.82 0.00	34.33 -1.12 0.00	32.66 -0.99 0.00	29.43 -0.80 0.00	26.82 -0.86 0.00	22.87 -1.07 0.00	23.99 -1.34 0.00	28.55 -1.59 0.00	35.19 -1.84 0.00	46.02 -3.15 0.00	50.23 -3.71 0.00	44.80 -3.28 0.00	39.94 -2.76 0.00	40.88 -2.03 0.00
NIAGARA_230_LBMP 323716	33.15 -1.46 0.00	32.22 -1.35 0.00	28.08 -1.10 0.00	27.09 -1.21 0.00	26.70 -1.32 0.00	31.16 -1.20 0.00	31.65 -1.60 0.00	29.61 -1.84 0.00	22.40 -1.33 0.00	32.45 -1.76 0.00	33.87 -1.55 0.00	34.56 -0.89 0.00	32.89 -0.76 0.00	29.62 -0.61 0.00	26.98 -0.69 0.00	23.04 -0.90 0.00	24.18 -1.15 0.00	28.77 -1.37 0.00	35.46 -1.57 0.00	46.55 -2.61 0.00	50.94 -2.99 0.00	45.42 -2.66 0.00	40.41 -2.30 0.00	41.22 -1.69 0.00
NIAGARA___115KV_198_GIBSON 55903	32.89 -1.73 0.00	31.93 -1.63 0.00	27.87 -1.31 0.00	26.88 -1.42 0.00	26.49 -1.53 0.00	30.89 -1.47 0.00	31.35 -1.90 0.00	29.37 -2.09 0.00	22.22 -1.51 0.00	32.17 -2.04 0.00	33.62 -1.80 0.00	34.33 -1.12 0.00	32.66 -0.99 0.00	29.43 -0.80 0.00	26.81 -0.86 0.00	22.87 -1.06 0.00	23.99 -1.35 0.00	28.55 -1.58 0.00	35.19 -1.84 0.00	46.02 -3.14 0.00	50.24 -3.70 0.00	44.80 -3.28 0.00	39.94 -2.76 0.00	40.88 -2.03 0.00
NIAGARA____ 23760	33.15 -1.46 0.00	32.22 -1.35 0.00	28.08 -1.10 0.00	27.09 -1.21 0.00	26.70 -1.32 0.00	31.16 -1.20 0.00	31.65 -1.60 0.00	29.61 -1.84 0.00	22.40 -1.33 0.00	32.45 -1.76 0.00	33.87 -1.55 0.00	34.56 -0.89 0.00	32.89 -0.76 0.00	29.62 -0.61 0.00	26.98 -0.69 0.00	23.04 -0.90 0.00	24.18 -1.15 0.00	28.77 -1.37 0.00	35.46 -1.57 0.00	46.55 -2.61 0.00	50.94 -2.99 0.00	45.42 -2.66 0.00	40.41 -2.30 0.00	41.22 -1.69 0.00
NINE_MILE_1 23575	33.47 -1.15 0.00	32.44 -1.13 0.00	28.18 -1.00 0.00	27.33 -0.97 0.00	27.06 -0.97 0.00	31.29 -1.08 0.00	32.14 -1.11 0.00	30.37 -1.08 0.00	22.87 -0.86 0.00	32.97 -1.24 0.00	34.14 -1.27 0.00	34.21 -1.24 0.00	32.50 -1.15 0.00	29.21 -1.02 0.00	26.72 -0.95 0.00	23.12 -0.82 0.00	24.45 -0.88 0.00	29.09 -1.04 0.00	35.59 -1.24 0.20	47.45 -1.71 0.00	52.02 -1.92 0.00	46.39 -1.70 0.00	41.21 -1.49 0.00	41.37 -1.54 0.00
NINE_MILE_2 23744	33.48 -1.14 0.00	32.44 -1.13 0.00	28.18 -1.00 0.00	27.33 -0.97 0.00	27.06 -0.97 0.00	31.29 -1.07 0.00	32.14 -1.11 0.00	30.37 -1.08 0.00	22.87 -0.86 0.00	32.97 -1.24 0.00	34.14 -1.27 0.00	34.21 -1.24 0.00	32.50 -1.15 0.00	29.21 -1.02 0.00	26.72 -0.95 0.00	23.12 -0.82 0.00	24.45 -0.88 0.00	29.09 -1.04 0.00	35.58 -1.24 0.20	47.45 -1.71 0.00	52.02 -1.92 0.00	46.39 -1.69 0.00	41.21 -1.49 0.00	41.37 -1.54 0.00
NM_CAPITAL___DRP 24208	35.18 0.57 0.00	34.11 0.54 0.00	29.72 0.54 0.00	28.90 0.60 0.00	28.67 0.65 0.00	32.94 0.58 0.00	33.79 0.54 0.00	32.07 0.62 0.00	29.10 0.41 -4.96	34.77 0.56 0.00	35.81 0.40 0.00	35.69 0.24 0.00	33.84 0.19 0.00	30.38 0.15 0.00	27.78 0.11 0.00	24.06 0.13 0.00	25.51 0.18 0.00	30.38 0.24 0.00	37.20 0.17 0.00	49.27 0.10 0.00	54.09 0.15 0.00	48.28 0.19 0.00	42.88 0.17 0.00	43.08 0.17 0.00
NM_CENTRAL___DRP 24181	34.07 -0.55 0.00	32.99 -0.58 0.00	28.66 -0.52 0.00	27.78 -0.52 0.00	27.51 -0.52 0.00	31.83 -0.53 0.00	32.72 -0.53 0.00	30.91 -0.55 0.00	23.24 -0.48 0.00	33.53 -0.68 0.00	34.72 -0.69 0.00	34.82 -0.63 0.00	33.09 -0.56 0.00	29.75 -0.48 0.00	27.22 -0.46 0.00	23.55 -0.38 0.00	24.91 -0.42 0.00	29.65 -0.49 0.00	36.52 -0.53 -0.02	48.39 -0.78 0.00	53.03 -0.91 0.00	47.26 -0.82 0.00	41.98 -0.73 0.00	42.09 -0.82 0.00

NM_FRONTIER___DRP 24179	32.89 -1.73 0.00	31.93 -1.63 0.00	27.87 -1.31 0.00	26.88 -1.42 0.00	26.49 -1.53 0.00	30.89 -1.47 0.00	31.35 -1.90 0.00	29.37 -2.09 0.00	22.22 -1.51 0.00	32.17 -2.04 0.00	33.62 -1.80 0.00	34.33 -1.12 0.00	32.66 -0.99 0.00	29.43 -0.80 0.00	26.81 -0.86 0.00	22.87 -1.06 0.00	23.99 -1.35 0.00	28.55 -1.58 0.00	35.19 -1.84 0.00	46.02 -3.14 0.00	50.24 -3.70 0.00	44.80 -3.28 0.00	39.94 -2.76 0.00	40.88 -2.03 0.00
NM_ST_REGIS___HYD 24053	35.24 0.62 0.00	34.30 0.73 0.00	29.80 0.62 0.00	28.81 0.51 0.00	28.44 0.41 0.00	32.90 0.53 0.00	33.83 0.58 0.00	31.97 0.51 0.00	24.09 0.36 0.00	34.60 0.38 0.00	36.02 0.60 0.00	36.13 0.68 0.00	34.20 0.54 0.00	30.51 0.28 0.00	27.95 0.28 0.00	24.13 0.19 0.00	25.50 0.16 0.00	30.27 0.14 0.00	37.42 0.39 0.00	50.19 1.02 0.00	55.41 1.47 0.00	49.48 1.40 0.00	44.03 1.32 0.00	44.63 1.72 0.00
NORTHPORT___1 23551	36.62 2.00 0.00	35.65 2.08 0.00	30.96 1.78 0.00	29.92 1.62 0.00	29.63 1.61 0.00	34.21 1.85 0.00	35.21 1.96 0.00	33.33 1.88 0.00	54.83 1.43 -29.67	36.66 2.45 0.00	39.80 2.80 -1.58	38.43 2.59 -0.40	33.79 1.91 1.77	11.01 1.25 20.47	11.01 1.25 17.91	11.01 1.10 14.02	16.03 1.06 10.36	31.17 1.03 0.00	37.98 0.95 0.00	49.77 0.61 0.00	54.43 0.50 0.00	48.55 0.47 0.00	43.59 0.88 0.00	44.05 1.14 0.00
NORTHPORT___2 23552	36.65 2.03 0.00	35.66 2.10 0.00	30.97 1.79 0.00	29.92 1.62 0.00	29.63 1.61 0.00	34.21 1.85 0.00	35.21 1.96 0.00	33.35 1.89 0.00	54.84 1.44 -29.67	36.66 2.45 0.00	39.79 2.80 -1.58	38.45 2.61 -0.40	35.61 1.96 0.00	31.51 1.28 0.00	28.96 1.28 0.00	25.05 1.12 0.00	26.41 1.08 0.00	31.17 1.03 0.00	37.98 0.95 0.00	49.77 0.61 0.00	54.43 0.50 0.00	48.55 0.47 0.00	43.59 0.88 0.00	44.05 1.14 0.00
NORTHPORT___3 23553	36.72 2.10 0.00	35.75 2.19 0.00	31.04 1.86 0.00	29.99 1.69 0.00	29.70 1.67 0.00	34.26 1.90 0.00	35.26 2.01 0.00	33.39 1.93 0.00	54.88 1.48 -29.67	36.70 2.49 0.00	39.85 2.85 -1.58	38.49 2.64 -0.40	35.66 2.00 0.00	31.56 1.33 0.00	28.99 1.32 0.00	25.10 1.17 0.00	26.47 1.14 0.00	31.25 1.12 0.00	38.08 1.05 0.00	49.92 0.76 0.00	54.58 0.64 0.00	48.71 0.63 0.00	43.69 0.99 0.00	44.14 1.23 0.00
NORTHPORT___4 23650	36.72 2.10 0.00	35.75 2.19 0.00	31.04 1.86 0.00	29.99 1.69 0.00	29.70 1.67 0.00	34.26 1.90 0.00	35.26 2.01 0.00	33.39 1.93 0.00	54.88 1.48 -29.67	36.70 2.49 0.00	39.85 2.85 -1.58	38.49 2.64 -0.40	35.66 2.00 0.00	31.56 1.33 0.00	28.99 1.32 0.00	25.10 1.17 0.00	26.47 1.14 0.00	31.25 1.12 0.00	38.08 1.05 0.00	49.92 0.76 0.00	54.58 0.64 0.00	48.71 0.63 0.00	43.69 0.99 0.00	44.14 1.23 0.00
NORTHPORT___IC 23718	36.62 2.00 0.00	35.65 2.08 0.00	30.96 1.78 0.00	29.92 1.62 0.00	29.63 1.61 0.00	34.21 1.84 0.00	35.21 1.96 0.00	33.32 1.87 0.00	54.83 1.43 -29.67	36.66 2.45 0.00	39.79 2.80 -1.58	38.42 2.58 -0.40	33.79 1.91 1.77	11.01 1.25 20.47	11.01 1.25 17.91	11.01 1.10 14.02	16.03 1.06 10.36	31.16 1.03 0.00	37.98 0.95 0.00	49.78 0.61 0.00	54.44 0.50 0.00	48.55 0.47 0.00	43.59 0.88 0.00	44.04 1.13 0.00
NORTH___COUNTRY_ESR 323785	35.04 0.42 0.00	33.94 0.37 0.00	29.48 0.31 0.00	28.53 0.23 0.00	28.13 0.11 0.00	32.46 0.09 0.00	33.38 0.13 0.00	31.61 0.15 0.00	23.95 0.22 0.00	34.46 0.24 0.00	35.84 0.42 0.00	35.97 0.52 0.00	34.17 0.51 0.00	30.70 0.47 0.00	28.13 0.46 0.00	24.31 0.38 0.00	25.67 0.34 0.00	30.64 0.51 0.00	37.77 0.74 0.00	50.41 1.25 0.00	55.39 1.45 0.00	49.37 1.29 0.00	43.67 0.96 0.00	44.04 1.14 0.00
NPX_GEN_1385_PROXY 323591	36.36 1.74 0.00	35.45 1.88 0.00	30.82 1.65 0.00	29.83 1.53 0.00	29.59 1.56 0.00	34.26 1.89 0.00	35.27 2.03 0.00	33.40 1.94 0.00	54.90 1.50 -29.67	36.73 2.51 -0.01	39.66 2.66 -1.58	38.16 2.32 -0.40	33.45 1.57 1.77	10.79 1.03 20.47	10.90 1.15 17.91	11.01 1.10 14.02	16.08 1.11 10.36	31.45 1.32 0.00	38.47 1.44 0.00	50.27 1.11 0.00	54.68 0.74 0.00	48.55 0.47 0.00	43.59 0.88 0.00	44.05 1.14 0.00
NPX_GEN_CSC 323557	36.75 2.13 0.00	35.68 2.12 0.00	30.94 1.76 0.00	29.87 1.57 0.00	29.58 1.56 0.00	34.17 1.80 0.00	35.19 1.94 0.00	33.39 1.94 0.00	54.93 1.53 -29.67	36.82 2.60 -0.01	39.98 2.98 -1.58	38.64 2.80 -0.40	35.76 2.11 0.00	31.54 1.31 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	37.99 0.96 0.00	49.69 0.53 0.00	54.34 0.40 0.00	48.54 0.46 0.00	43.42 0.71 0.00	43.92 1.01 0.00
NSINS_S_GLNS_FALLS 23858	36.49 1.87 0.00	35.15 1.59 0.00	30.54 1.36 0.00	29.66 1.36 0.00	29.45 1.42 0.00	33.98 1.62 0.00	34.93 1.68 0.00	32.98 1.52 0.00	29.16 0.90 -4.53	35.31 1.10 0.00	36.20 0.78 0.00	36.11 0.66 0.00	34.13 0.47 0.00	30.59 0.36 0.00	28.08 0.41 0.00	24.42 0.49 0.00	25.98 0.65 0.00	31.21 1.08 0.00	38.65 1.62 0.00	51.35 2.19 0.00	56.43 2.49 0.00	50.31 2.22 0.00	44.57 1.86 0.00	44.74 1.83 0.00
NUCOR_STEEL___DRP 24197	34.65 0.03 0.00	33.54 -0.03 0.00	28.99 -0.19 0.00	28.10 -0.20 0.00	27.87 -0.16 0.00	32.37 0.00 0.00	33.26 0.01 0.00	31.39 -0.06 0.00	23.52 -0.21 0.00	33.88 -0.33 0.00	35.05 -0.36 0.00	35.19 -0.26 0.00	33.47 -0.18 0.00	30.10 -0.12 0.00	27.52 -0.15 0.00	23.69 -0.25 0.00	25.14 -0.19 0.00	29.84 -0.29 0.00	36.87 -0.19 -0.03	49.15 -0.02 0.00	53.75 -0.19 0.00	48.06 -0.03 0.00	42.71 0.00 0.00	42.81 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	35.76 1.14 0.00	34.73 1.16 0.00	30.20 1.02 0.00	29.26 0.96 0.00	28.99 0.96 0.00	33.60 1.24 0.00	34.53 1.28 0.00	32.51 1.06 0.00	24.27 0.55 0.00	34.72 0.51 0.00	35.82 0.40 0.00	35.68 0.23 0.00	33.86 0.20 0.00	30.37 0.14 0.00	27.77 0.10 0.00	23.96 0.02 0.00	25.29 -0.05 0.00	30.11 -0.02 0.00	37.52 0.48 -0.01	50.51 1.35 0.00	56.06 2.12 0.00	50.31 2.23 0.00	44.69 1.99 0.00	44.80 1.89 0.00
NYISO_LBMP_REFERENCE 24008	34.62 0.00 0.00	33.57 0.00 0.00	29.18 0.00 0.00	28.30 0.00 0.00	28.02 0.00 0.00	32.37 0.00 0.00	33.25 0.00 0.00	31.46 0.00 0.00	23.73 0.00 0.00	34.21 0.00 0.00	35.42 0.00 0.00	35.45 0.00 0.00	33.65 0.00 0.00	30.23 0.00 0.00	27.67 0.00 0.00	23.94 0.00 0.00	25.33 0.00 0.00	30.14 0.00 0.00	37.03 0.00 0.00	49.17 0.00 0.00	53.94 0.00 0.00	48.08 0.00 0.00	42.71 0.00 0.00	42.91 0.00 0.00
NYPA_BRENTWD____GT 24164	37.19 2.58 0.00	36.15 2.58 0.00	31.37 2.19 0.00	30.29 2.00 0.00	30.00 1.97 0.00	34.65 2.28 0.00	35.67 2.42 0.00	33.81 2.36 0.00	55.22 1.82 -29.67	37.21 3.00 0.00	40.37 3.37 -1.58	39.03 3.18 -0.40	36.16 2.51 0.00	31.97 1.74 0.00	29.39 1.72 0.00	25.43 1.50 0.00	26.82 1.49 0.00	31.65 1.52 0.00	38.60 1.57 0.00	50.59 1.43 0.00	55.33 1.40 0.00	49.33 1.25 0.00	44.22 1.51 0.00	44.63 1.72 0.00

NYPA_GOWANUS____GT5 24156	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NYPA_GOWANUS____GT6 24157	36.68 2.06 0.00	35.69 2.12 0.00	30.98 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.25 1.88 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.05 2.64 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.56 1.88 0.00	25.59 1.65 -0.01	27.08 1.75 -0.01	31.82 1.69 0.00	38.80 1.76 0.00	50.91 1.74 0.00	55.74 1.80 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00
NYPA_HARLEM__RVR__GT1 24160	36.48 1.87 0.00	35.58 2.01 0.00	30.91 1.73 0.00	29.89 1.59 0.00	29.59 1.57 0.00	34.20 1.83 0.00	35.33 2.08 0.00	33.48 2.02 0.00	54.97 1.46 -29.78	36.46 2.25 0.00	37.94 2.53 0.00	37.84 2.39 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.43 1.75 0.00	25.45 1.51 -0.01	26.92 1.58 -0.01	31.61 1.48 0.00	38.48 1.45 0.00	50.65 1.48 0.00	55.50 1.56 0.00	49.70 1.62 0.00	44.58 1.87 0.00	44.60 1.69 0.00
NYPA_HARLEM__RVR__GT2 24161	36.48 1.87 0.00	35.58 2.01 0.00	30.91 1.73 0.00	29.89 1.59 0.00	29.59 1.57 0.00	34.20 1.83 0.00	35.33 2.08 0.00	33.48 2.02 0.00	54.97 1.46 -29.78	36.46 2.25 0.00	37.94 2.53 0.00	37.84 2.39 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.43 1.75 0.00	25.45 1.51 -0.01	26.92 1.58 -0.01	31.61 1.48 0.00	38.48 1.45 0.00	50.65 1.48 0.00	55.50 1.56 0.00	49.70 1.62 0.00	44.58 1.87 0.00	44.60 1.69 0.00
NYPA_KENT____GT 24152	36.64 2.03 0.00	35.63 2.07 0.00	30.92 1.75 0.00	29.90 1.60 0.00	29.62 1.59 0.00	34.22 1.85 0.00	35.36 2.11 0.00	33.53 2.08 0.00	55.06 1.56 -29.78	36.59 2.37 0.00	38.02 2.60 0.00	37.96 2.50 0.00	35.93 2.27 0.00	32.23 1.99 0.00	29.55 1.87 0.00	25.58 1.64 -0.01	27.07 1.74 -0.01	31.79 1.66 0.00	38.74 1.71 0.00	50.84 1.68 0.00	55.69 1.75 0.00	49.90 1.82 0.00	44.78 2.08 0.00	44.85 1.95 0.00
NYPA_POUCHI____GT 24155	36.60 1.99 0.00	35.64 2.07 0.00	30.94 1.76 0.00	29.90 1.60 0.00	29.61 1.58 0.00	34.20 1.83 0.00	35.34 2.09 0.00	33.49 2.04 0.00	55.01 1.51 -29.78	36.52 2.31 0.00	37.95 2.53 0.00	37.88 2.43 0.00	35.86 2.21 0.00	32.18 1.95 0.00	29.46 1.79 0.00	25.51 1.57 -0.01	27.01 1.67 -0.01	31.73 1.59 0.00	38.70 1.67 0.00	50.73 1.56 0.00	55.52 1.59 0.00	49.83 1.75 0.00	44.77 2.07 0.00	44.88 1.97 0.00
NYPA_VERNON____GT2 24162	36.62 2.00 0.00	35.59 2.02 0.00	30.89 1.71 0.00	29.87 1.57 0.00	29.60 1.57 0.00	34.18 1.82 0.00	35.33 2.08 0.00	33.51 2.06 0.00	55.04 1.54 -29.78	36.56 2.35 0.00	38.00 2.58 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.57 1.63 -0.01	27.05 1.71 -0.01	31.77 1.63 0.00	38.69 1.66 0.00	50.79 1.63 0.00	55.64 1.70 0.00	49.82 1.74 0.00	44.69 1.99 0.00	44.77 1.86 0.00
NYPA_VERNON____GT3 24163	36.62 2.00 0.00	35.59 2.02 0.00	30.89 1.71 0.00	29.87 1.57 0.00	29.60 1.57 0.00	34.18 1.82 0.00	35.33 2.08 0.00	33.51 2.06 0.00	55.04 1.54 -29.78	36.56 2.35 0.00	38.00 2.58 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.57 1.63 -0.01	27.05 1.71 -0.01	31.77 1.63 0.00	38.69 1.66 0.00	50.79 1.63 0.00	55.64 1.70 0.00	49.82 1.74 0.00	44.69 1.99 0.00	44.77 1.86 0.00
NYPA__ASTORIA_CC1 323568	36.55 1.93 0.00	35.53 1.97 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.16 1.79 0.00	35.30 2.05 0.00	33.48 2.03 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.96 2.55 0.00	37.89 2.44 0.00	35.85 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.56 1.61 -0.01	27.03 1.70 -0.01	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.64 0.00	49.77 1.69 0.00	44.65 1.94 0.00	44.73 1.82 0.00
NYPA__ASTORIA_CC2 323569	36.55 1.93 0.00	35.53 1.97 0.00	30.85 1.67 0.00	29.83 1.53 0.00	29.55 1.52 0.00	34.16 1.79 0.00	35.30 2.05 0.00	33.48 2.03 0.00	55.02 1.52 -29.78	36.53 2.32 0.00	37.96 2.55 0.00	37.89 2.44 0.00	35.85 2.20 0.00	32.15 1.92 0.00	29.50 1.83 0.00	25.56 1.61 -0.01	27.03 1.70 -0.01	31.72 1.58 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.57 1.64 0.00	49.77 1.69 0.00	44.65 1.94 0.00	44.73 1.82 0.00
NYPA__HOLTSVILL 23794	36.96 2.34 0.00	35.92 2.36 0.00	31.16 1.98 0.00	30.10 1.80 0.00	29.80 1.78 0.00	34.41 2.04 0.00	35.40 2.15 0.00	33.56 2.10 0.00	55.03 1.63 -29.67	36.94 2.73 0.00	40.09 3.09 -1.58	38.75 2.90 -0.40	35.89 2.24 0.00	31.71 1.48 0.00	29.12 1.45 0.00	25.19 1.26 0.00	26.55 1.21 0.00	31.32 1.18 0.00	38.16 1.13 0.00	49.94 0.78 0.00	54.60 0.66 0.00	48.74 0.66 0.00	43.67 0.97 0.00	44.18 1.27 0.00
NYPA____HELLGATE_GT1 24158	36.48 1.87 0.00	35.58 2.01 0.00	30.91 1.73 0.00	29.89 1.59 0.00	29.59 1.57 0.00	34.20 1.83 0.00	35.33 2.08 0.00	33.47 2.02 0.00	54.96 1.46 -29.78	36.48 2.27 0.00	37.94 2.53 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.43 1.75 0.00	25.45 1.51 -0.01	26.92 1.58 -0.01	31.62 1.49 0.00	38.51 1.48 0.00	50.67 1.51 0.00	55.53 1.59 0.00	49.74 1.66 0.00	44.58 1.87 0.00	44.61 1.69 0.00
NYPA____HELLGATE_GT2 24159	36.48 1.87 0.00	35.58 2.01 0.00	30.91 1.73 0.00	29.89 1.59 0.00	29.59 1.57 0.00	34.20 1.83 0.00	35.33 2.08 0.00	33.47 2.02 0.00	54.96 1.46 -29.78	36.48 2.27 0.00	37.94 2.53 0.00	37.83 2.38 0.00	35.78 2.13 0.00	32.08 1.85 0.00	29.43 1.75 0.00	25.45 1.51 -0.01	26.92 1.58 -0.01	31.62 1.49 0.00	38.51 1.48 0.00	50.67 1.51 0.00	55.53 1.59 0.00	49.74 1.66 0.00	44.58 1.87 0.00	44.61 1.69 0.00
NYS_BARGE__HYD 23848	33.56 -1.05 0.00	32.62 -0.94 0.00	28.42 -0.76 0.00	27.41 -0.89 0.00	27.02 -1.00 0.00	31.55 -0.81 0.00	31.98 -1.26 0.00	29.90 -1.55 0.00	22.61 -1.12 0.00	32.69 -1.52 0.00	34.16 -1.26 0.00	34.88 -0.57 0.00	33.18 -0.47 0.00	29.87 -0.36 0.00	27.20 -0.47 0.00	23.22 -0.72 0.00	24.29 -1.05 0.00	28.92 -1.22 0.00	35.68 -1.36 0.00	46.95 -2.22 0.00	51.50 -2.44 0.00	45.94 -2.15 0.00	40.82 -1.89 0.00	41.65 -1.26 0.00
OAK_ORCHARD__HYD 24046	34.21 -0.40 0.00	33.16 -0.41 0.00	28.82 -0.36 0.00	27.86 -0.43 0.00	27.53 -0.49 0.00	32.01 -0.36 0.00	32.76 -0.49 0.00	30.84 -0.61 0.00	23.23 -0.50 0.00	33.59 -0.62 0.00	34.95 -0.48 0.00	35.31 -0.14 0.00	33.58 -0.07 0.00	30.19 -0.04 0.00	27.58 -0.09 0.00	23.74 -0.20 0.00	25.06 -0.27 0.00	29.85 -0.29 0.00	36.85 -0.18 0.00	48.73 -0.43 0.00	53.36 -0.58 0.00	47.50 -0.58 0.00	42.11 -0.59 0.00	42.45 -0.47 0.00

OAKDALE___35_KV_LOAD 356122	34.61 -0.01 0.00	33.49 -0.08 0.00	29.06 -0.12 0.00	28.17 -0.12 0.00	27.90 -0.13 0.00	32.35 -0.02 0.00	33.26 0.01 0.00	31.36 -0.09 0.00	23.57 -0.16 0.00	34.03 -0.18 0.00	35.30 -0.12 0.00	35.41 -0.04 0.00	33.67 0.02 0.00	30.25 0.02 0.00	27.65 -0.03 0.00	23.88 -0.06 0.00	25.32 -0.01 0.00	30.11 -0.03 0.00	37.08 0.03 -0.01	49.02 -0.14 0.00	53.69 -0.25 0.00	47.82 -0.26 0.00	42.62 -0.09 0.00	42.71 -0.21 0.00
OCC_CHEM___DRP 24175	32.95 -1.67 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.84 0.00	29.43 -2.03 0.00	22.26 -1.47 0.00	32.23 -1.98 0.00	33.68 -1.73 0.00	34.40 -1.05 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.62 -1.51 0.00	35.27 -1.76 0.00	46.15 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.97 -1.94 0.00
OH_GEN_PROXY 24063	33.18 -1.44 0.00	32.23 -1.34 0.00	28.09 -1.09 0.00	27.10 -1.19 0.00	26.72 -1.31 0.00	31.17 -1.20 0.00	31.69 -1.56 0.00	29.66 -1.79 0.00	22.44 -1.29 0.00	32.51 -1.71 -0.01	33.93 -1.49 0.00	34.60 -0.85 0.00	32.93 -0.72 0.00	29.65 -0.58 0.00	27.01 -0.66 0.00	23.07 -0.86 0.00	24.24 -1.09 0.00	28.84 -1.30 0.00	35.54 -1.49 0.00	46.68 -2.49 0.00	51.07 -2.87 0.00	45.52 -2.56 0.00	40.47 -2.23 0.00	41.25 -1.66 0.00
OLIN_CORP_DRP 24177	33.20 -1.41 0.00	32.29 -1.28 0.00	28.15 -1.03 0.00	27.14 -1.16 0.00	26.76 -1.27 0.00	31.23 -1.13 0.00	31.62 -1.63 0.00	29.56 -1.89 0.00	22.36 -1.36 0.00	32.34 -1.87 0.00	33.81 -1.61 0.00	34.53 -0.93 0.00	32.84 -0.81 0.00	29.59 -0.64 0.00	26.95 -0.73 0.00	22.98 -0.96 0.00	23.99 -1.34 0.00	28.56 -1.57 0.00	35.20 -1.83 0.00	46.24 -2.92 0.00	50.71 -3.23 0.00	45.26 -2.82 0.00	40.22 -2.49 0.00	41.12 -1.78 0.00
OLIN_CORP_DSASP 323712	32.95 -1.66 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.83 0.00	29.40 -2.06 0.00	22.25 -1.48 0.00	32.23 -1.98 0.00	33.67 -1.75 0.00	34.40 -1.06 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.61 -1.52 0.00	35.27 -1.76 0.00	46.14 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.96 -1.95 0.00
ONEIDA_HERK_LFGE 323681	35.57 0.95 0.00	34.47 0.91 0.00	29.96 0.78 0.00	29.03 0.73 0.00	28.76 0.74 0.00	33.30 0.94 0.00	34.25 1.00 0.00	32.26 0.81 0.00	23.93 0.20 0.00	34.47 0.26 0.00	35.60 0.18 0.00	35.60 0.14 0.00	33.79 0.13 0.00	30.44 0.21 0.00	28.00 0.33 0.00	24.19 0.26 0.00	25.58 0.25 0.00	30.50 0.36 0.00	37.76 0.73 -0.01	50.48 1.32 0.00	55.64 1.71 0.00	49.74 1.66 0.00	44.12 1.42 0.00	44.21 1.30 0.00
ONEIDA___115KV_TB4 55905	35.44 0.83 0.00	34.30 0.74 0.00	29.78 0.60 0.00	28.87 0.57 0.00	28.60 0.58 0.00	33.13 0.76 0.00	34.09 0.84 0.00	32.11 0.66 0.00	24.04 0.31 0.00	34.56 0.34 0.00	35.73 0.31 0.00	35.78 0.33 0.00	34.00 0.35 0.00	30.59 0.36 0.00	28.02 0.36 0.00	24.24 0.31 0.00	25.66 0.32 0.00	30.56 0.42 0.00	37.75 0.71 -0.01	50.35 1.19 0.00	55.39 1.46 0.00	49.40 1.32 0.00	43.79 1.09 0.00	43.85 0.94 0.00
ONONDAGA_REF_OCCRA 23987	34.33 -0.29 0.00	33.23 -0.33 0.00	28.86 -0.31 0.00	27.98 -0.32 0.00	27.70 -0.32 0.00	32.08 -0.29 0.00	32.97 -0.28 0.00	31.13 -0.32 0.00	23.40 -0.33 0.00	33.72 -0.49 0.00	34.90 -0.51 0.00	35.00 -0.45 0.00	33.27 -0.39 0.00	29.91 -0.32 0.00	27.37 -0.30 0.00	23.68 -0.25 0.00	25.06 -0.27 0.00	29.84 -0.30 0.00	36.78 -0.27 -0.02	48.76 -0.40 0.00	53.45 -0.49 0.00	47.65 -0.44 0.00	42.31 -0.39 0.00	42.41 -0.50 0.00
ONONDAGA___COGEN 23986	34.30 -0.32 0.00	33.22 -0.35 0.00	28.84 -0.34 0.00	27.96 -0.34 0.00	27.70 -0.33 0.00	32.08 -0.29 0.00	32.95 -0.30 0.00	31.12 -0.33 0.00	23.39 -0.34 0.00	33.72 -0.49 0.00	34.90 -0.52 0.00	35.00 -0.45 0.00	33.27 -0.38 0.00	29.91 -0.32 0.00	27.36 -0.31 0.00	23.66 -0.27 0.00	25.05 -0.28 0.00	29.81 -0.32 0.00	36.76 -0.31 -0.03	48.72 -0.45 0.00	53.38 -0.56 0.00	47.59 -0.49 0.00	42.25 -0.45 0.00	42.37 -0.54 0.00
ONTARIO___LFGE 23819	34.57 -0.05 0.00	33.46 -0.11 0.00	29.05 -0.13 0.00	28.15 -0.15 0.00	27.87 -0.16 0.00	32.38 0.02 0.00	33.28 0.03 0.00	31.31 -0.14 0.00	23.47 -0.26 0.00	33.77 -0.44 0.00	34.98 -0.44 0.00	35.18 -0.27 0.00	33.55 -0.10 0.00	30.15 -0.08 0.00	27.55 -0.13 0.00	23.71 -0.22 0.00	25.11 -0.22 0.00	29.93 -0.21 0.00	37.05 0.01 -0.01	49.19 0.02 0.00	53.95 0.01 0.00	48.03 -0.06 0.00	42.82 0.11 0.00	42.93 0.02 0.00
ORANGEVILLE_WT_PWR 323706	33.43 -1.18 0.00	32.48 -1.08 0.00	28.34 -0.84 0.00	27.38 -0.92 0.00	27.06 -0.97 0.00	31.55 -0.81 0.00	32.17 -1.08 0.00	30.03 -1.42 0.00	22.57 -1.16 0.00	32.71 -1.50 0.00	34.08 -1.34 0.00	34.59 -0.86 0.00	33.06 -0.59 0.00	29.79 -0.44 0.00	27.14 -0.53 0.00	23.18 -0.76 0.00	24.40 -0.93 0.00	29.03 -1.11 0.00	35.97 -1.06 0.00	47.69 -1.48 0.00	52.45 -1.49 0.00	46.71 -1.37 0.00	41.62 -1.08 0.00	42.15 -0.76 0.00
ORANGEVILLE___ESR 323794	33.43 -1.18 0.00	32.48 -1.08 0.00	28.34 -0.84 0.00	27.38 -0.92 0.00	27.06 -0.97 0.00	31.55 -0.81 0.00	32.17 -1.08 0.00	30.03 -1.42 0.00	22.57 -1.16 0.00	32.71 -1.50 0.00	34.08 -1.34 0.00	34.59 -0.86 0.00	33.06 -0.59 0.00	29.79 -0.44 0.00	27.14 -0.53 0.00	23.18 -0.76 0.00	24.40 -0.93 0.00	29.03 -1.11 0.00	35.97 -1.06 0.00	47.69 -1.48 0.00	52.45 -1.49 0.00	46.71 -1.37 0.00	41.62 -1.08 0.00	42.15 -0.76 0.00
OSWEGATCHIE___HYD 24044	35.38 0.76 0.00	34.45 0.89 0.00	29.96 0.78 0.00	28.98 0.69 0.00	28.67 0.64 0.00	33.21 0.85 0.00	34.14 0.89 0.00	32.19 0.73 0.00	24.11 0.38 0.00	34.54 0.33 0.00	35.79 0.37 0.00	35.73 0.28 0.00	33.87 0.22 0.00	30.28 0.05 0.00	27.70 0.03 0.00	23.90 -0.04 0.00	25.23 -0.11 0.00	29.98 -0.16 0.00	37.25 0.20 -0.01	50.09 0.92 0.00	55.51 1.58 0.00	49.76 1.68 0.00	44.28 1.57 0.00	44.66 1.75 0.00
OSWEGO___5 23606	33.75 -0.87 0.00	32.69 -0.87 0.00	28.40 -0.77 0.00	27.54 -0.76 0.00	27.27 -0.75 0.00	31.54 -0.82 0.00	32.40 -0.85 0.00	30.61 -0.84 0.00	23.04 -0.69 0.00	33.22 -0.99 0.00	34.40 -1.02 0.00	34.48 -0.97 0.00	32.75 -0.90 0.00	29.43 -0.80 0.00	26.93 -0.75 0.00	23.29 -0.64 0.00	24.64 -0.69 0.00	29.32 -0.81 0.00	36.21 -0.95 -0.14	47.85 -1.32 0.00	52.45 -1.48 0.00	46.77 -1.31 0.00	41.56 -1.15 0.00	41.72 -1.19 0.00
OSWEGO___6 23613	33.75 -0.87 0.00	32.69 -0.87 0.00	28.40 -0.77 0.00	27.54 -0.76 0.00	27.27 -0.75 0.00	31.54 -0.82 0.00	32.40 -0.85 0.00	30.61 -0.84 0.00	23.04 -0.69 0.00	33.22 -0.99 0.00	34.40 -1.02 0.00	34.48 -0.97 0.00	32.75 -0.90 0.00	29.43 -0.80 0.00	26.93 -0.75 0.00	23.29 -0.64 0.00	24.64 -0.69 0.00	29.32 -0.81 0.00	36.21 -0.95 -0.14	47.85 -1.32 0.00	52.45 -1.48 0.00	46.77 -1.31 0.00	41.56 -1.15 0.00	41.72 -1.19 0.00

OUTOKUMPU-AB___DRP 24206	33.73 -0.89 0.00	32.74 -0.83 0.00	28.52 -0.66 0.00	27.50 -0.79 0.00	27.12 -0.91 0.00	31.65 -0.71 0.00	32.15 -1.10 0.00	30.13 -1.33 0.00	22.78 -0.94 0.00	32.99 -1.22 0.00	34.50 -0.92 0.00	35.21 -0.24 0.00	33.51 -0.14 0.00	30.18 -0.05 0.00	27.50 -0.17 0.00	23.48 -0.45 0.00	24.63 -0.71 0.00	29.33 -0.80 0.00	36.18 -0.85 0.00	47.47 -1.70 0.00	51.93 -2.00 0.00	46.27 -1.81 0.00	41.15 -1.56 0.00	41.96 -0.96 0.00
OXBOW___BTM 323836	33.33 -1.29 0.00	32.35 -1.22 0.00	28.20 -0.98 0.00	27.19 -1.10 0.00	26.81 -1.21 0.00	31.28 -1.09 0.00	31.76 -1.49 0.00	29.73 -1.72 0.00	22.50 -1.23 0.00	32.61 -1.60 0.00	34.07 -1.35 0.00	34.81 -0.64 0.00	33.13 -0.52 0.00	29.84 -0.39 0.00	27.19 -0.48 0.00	23.21 -0.73 0.00	24.34 -0.99 0.00	28.98 -1.15 0.00	35.74 -1.30 0.00	46.82 -2.35 0.00	51.16 -2.78 0.00	45.60 -2.48 0.00	40.59 -2.11 0.00	41.45 -1.46 0.00
OXBOW___ 24026	33.33 -1.29 0.00	32.35 -1.22 0.00	28.20 -0.98 0.00	27.20 -1.10 0.00	26.81 -1.21 0.00	31.28 -1.09 0.00	31.76 -1.49 0.00	29.75 -1.70 0.00	22.51 -1.22 0.00	32.61 -1.61 0.00	34.09 -1.33 0.00	34.81 -0.64 0.00	33.13 -0.52 0.00	29.84 -0.39 0.00	27.19 -0.48 0.00	23.21 -0.73 0.00	24.34 -0.99 0.00	28.99 -1.14 0.00	35.74 -1.29 0.00	46.82 -2.35 0.00	51.17 -2.77 0.00	45.60 -2.48 0.00	40.59 -2.11 0.00	41.46 -1.46 0.00
OXY_CHEM_DSASP 323612	32.95 -1.67 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.84 0.00	29.43 -2.03 0.00	22.26 -1.47 0.00	32.23 -1.98 0.00	33.68 -1.73 0.00	34.40 -1.05 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.62 -1.51 0.00	35.27 -1.76 0.00	46.15 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.97 -1.94 0.00
OZONE_PARK_ESR 323760	37.04 2.43 0.00	35.90 2.34 0.00	31.14 1.96 0.00	30.11 1.80 0.00	29.83 1.81 0.00	34.46 2.09 0.00	35.59 2.34 0.00	33.76 2.30 0.00	55.26 1.72 -29.81	36.84 2.63 0.00	38.23 2.82 0.00	38.16 2.71 0.00	36.14 2.49 0.00	32.42 2.19 0.00	29.70 2.03 0.00	25.70 1.77 0.00	27.20 1.87 0.00	32.04 1.90 0.00	39.04 2.01 0.00	51.26 2.10 0.00	56.17 2.23 0.00	50.17 2.10 0.00	44.95 2.24 0.00	45.05 2.14 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.95 -1.67 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.84 0.00	29.43 -2.03 0.00	22.26 -1.47 0.00	32.23 -1.98 0.00	33.68 -1.73 0.00	34.40 -1.05 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.62 -1.51 0.00	35.27 -1.76 0.00	46.15 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.97 -1.94 0.00
PACKARD__115KV_DUPONT_184 80571	32.95 -1.67 0.00	31.99 -1.57 0.00	27.92 -1.25 0.00	26.93 -1.37 0.00	26.54 -1.49 0.00	30.95 -1.41 0.00	31.41 -1.84 0.00	29.43 -2.03 0.00	22.26 -1.47 0.00	32.23 -1.98 0.00	33.68 -1.73 0.00	34.40 -1.05 0.00	32.73 -0.92 0.00	29.50 -0.73 0.00	26.87 -0.80 0.00	22.92 -1.02 0.00	24.05 -1.28 0.00	28.62 -1.51 0.00	35.27 -1.76 0.00	46.15 -3.02 0.00	50.37 -3.57 0.00	44.92 -3.16 0.00	40.04 -2.67 0.00	40.97 -1.94 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.49 1.87 0.00	35.56 1.99 0.00	30.88 1.71 0.00	29.87 1.57 0.00	29.57 1.54 0.00	34.16 1.80 0.00	35.31 2.06 0.00	33.46 2.01 0.00	54.98 1.47 -29.78	36.47 2.26 0.00	37.91 2.49 0.00	37.84 2.38 0.00	35.78 2.13 0.00	32.06 1.83 0.00	29.42 1.75 0.00	25.43 1.49 0.00	26.89 1.56 0.00	31.61 1.48 0.00	38.55 1.52 0.00	50.72 1.56 0.00	55.59 1.65 0.00	49.79 1.70 0.00	44.65 1.94 0.00	44.72 1.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.41 2.80 0.00	36.47 2.91 0.00	31.70 2.52 0.00	30.66 2.36 0.00	30.39 2.37 0.00	35.14 2.78 0.00	36.33 3.08 0.00	34.34 2.88 0.00	55.62 2.11 -29.78	37.34 3.13 0.00	38.75 3.34 0.00	38.67 3.22 0.00	36.62 2.97 0.00	32.79 2.56 0.00	30.08 2.41 0.00	25.92 1.99 0.00	27.40 2.07 0.00	32.22 2.09 0.00	39.29 2.26 0.00	51.75 2.58 0.00	56.77 2.83 0.00	50.85 2.77 0.00	45.79 3.08 0.00	45.67 2.76 0.00
PATROON__115KV_TB1 80586	35.22 0.60 0.00	34.14 0.57 0.00	29.75 0.57 0.00	28.93 0.64 0.00	28.69 0.66 0.00	32.98 0.61 0.00	33.84 0.59 0.00	32.12 0.67 0.00	29.00 0.43 -4.84	34.81 0.60 0.00	35.87 0.45 0.00	35.76 0.31 0.00	33.93 0.28 0.00	30.45 0.22 0.00	27.83 0.16 0.00	24.11 0.17 0.00	25.58 0.24 0.00	30.46 0.33 0.00	37.33 0.30 0.00	49.43 0.27 0.00	54.25 0.32 0.00	48.40 0.31 0.00	42.98 0.28 0.00	43.17 0.26 0.00
PATTRSNVILLE___SOLAR 323815	35.79 1.17 0.00	34.66 1.10 0.00	30.12 0.94 0.00	29.23 0.94 0.00	28.99 0.96 0.00	33.44 1.08 0.00	34.33 1.09 0.00	32.36 0.90 0.00	28.22 0.45 -4.04	34.71 0.49 0.00	35.77 0.36 0.00	35.72 0.27 0.00	33.91 0.26 0.00	30.46 0.23 0.00	27.92 0.25 0.00	24.15 0.22 0.00	25.62 0.29 0.00	30.60 0.47 0.00	37.87 0.84 0.00	50.43 1.26 0.00	55.49 1.56 0.00	49.49 1.41 0.00	43.93 1.23 0.00	44.09 1.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.79 -0.83 0.00	32.79 -0.78 0.00	28.52 -0.66 0.00	27.54 -0.76 0.00	27.17 -0.86 0.00	31.71 -0.66 0.00	32.30 -0.94 0.00	30.30 -1.15 0.00	22.91 -0.82 0.00	33.20 -1.02 0.00	34.66 -0.76 0.00	35.25 -0.20 0.00	33.56 -0.09 0.00	30.24 0.02 0.00	27.54 -0.13 0.00	23.54 -0.40 0.00	24.78 -0.55 0.00	29.51 -0.63 0.00	36.39 -0.64 0.00	47.87 -1.30 0.00	52.37 -1.57 0.00	46.65 -1.43 0.00	41.48 -1.22 0.00	42.04 -0.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.50 1.88 0.00	35.37 1.80 0.00	30.69 1.52 0.00	29.73 1.43 0.00	29.46 1.44 0.00	34.00 1.63 0.00	35.07 1.82 0.00	33.29 1.84 0.00	33.52 1.35 -8.44	36.27 2.06 0.00	37.58 2.16 0.00	37.53 2.08 0.00	35.54 1.89 0.00	31.87 1.64 0.00	29.19 1.52 0.00	25.28 1.34 0.00	26.76 1.43 0.00	31.68 1.55 0.00	38.70 1.67 0.00	50.97 1.80 0.00	55.89 1.95 0.00	49.88 1.80 0.00	44.49 1.78 0.00	44.52 1.61 0.00
PEEKSKILL___ 23653	36.26 1.64 0.00	35.19 1.62 0.00	30.54 1.36 0.00	29.56 1.26 0.00	29.29 1.27 0.00	33.81 1.44 0.00	34.89 1.64 0.00	33.07 1.62 0.00	57.58 1.16 -32.70	36.03 1.82 0.00	37.35 1.93 0.00	37.28 1.83 0.00	35.32 1.67 0.00	31.67 1.44 0.00	29.00 1.33 0.00	25.10 1.16 0.00	26.58 1.25 0.00	31.38 1.25 0.00	38.27 1.24 0.00	50.37 1.21 0.00	55.27 1.33 0.00	49.36 1.28 0.00	44.11 1.41 0.00	44.21 1.30 0.00
PGE MADISON___WINDPWR 24146	36.49 1.87 0.00	35.55 1.98 0.00	30.78 1.60 0.00	29.79 1.49 0.00	29.50 1.47 0.00	34.37 2.00 0.00	35.32 2.07 0.00	33.24 1.79 0.00	24.81 1.08 0.00	35.62 1.40 0.00	36.82 1.41 0.00	36.92 1.47 0.00	35.13 1.47 0.00	31.57 1.34 0.00	28.88 1.21 0.00	24.98 1.05 0.00	26.52 1.19 0.00	31.61 1.47 0.00	38.96 1.91 -0.01	52.24 3.08 0.00	57.42 3.48 0.00	51.08 2.99 0.00	45.27 2.56 0.00	45.29 2.38 0.00

PIERCEFIELD___HYD 23852	35.08 0.46 0.00	34.25 0.69 0.00	29.76 0.58 0.00	28.76 0.46 0.00	28.41 0.38 0.00	32.88 0.52 0.00	33.81 0.56 0.00	31.93 0.48 0.00	24.04 0.31 0.00	34.50 0.29 0.00	35.94 0.53 0.00	36.05 0.59 0.00	34.08 0.43 0.00	30.36 0.13 0.00	27.81 0.14 0.00	24.00 0.06 0.00	25.36 0.03 0.00	30.09 -0.05 0.00	37.17 0.14 0.00	49.89 0.73 0.00	55.10 1.16 0.00	49.23 1.15 0.00	43.88 1.18 0.00	44.55 1.64 0.00
PINELAWN_CC_1 323563	37.06 2.44 0.00	35.99 2.42 0.00	31.20 2.03 0.00	30.14 1.84 0.00	29.86 1.83 0.00	34.49 2.12 0.00	35.52 2.27 0.00	33.71 2.26 0.00	55.12 1.72 -29.67	37.01 2.80 0.00	40.16 3.17 -1.58	38.81 2.96 -0.40	35.98 2.33 0.00	31.87 1.64 0.00	29.26 1.60 0.00	25.34 1.41 0.00	26.74 1.41 0.00	31.55 1.41 0.00	38.48 1.45 0.00	50.46 1.29 0.00	55.21 1.27 0.00	49.28 1.20 0.00	44.15 1.45 0.00	44.50 1.59 0.00
PJM_GEN_HTTP_PROXY 323702	36.58 1.97 0.00	35.47 1.91 0.00	30.77 1.59 0.00	29.78 1.48 0.00	29.51 1.49 0.00	34.08 1.72 0.00	35.19 1.94 0.00	33.39 1.93 0.00	55.02 1.44 -29.85	36.45 2.24 0.00	37.83 2.41 0.00	37.75 2.30 0.00	35.74 2.09 0.00	32.06 1.83 0.00	29.37 1.70 0.00	25.41 1.48 0.00	26.89 1.55 0.00	31.69 1.55 0.00	38.60 1.57 0.00	50.67 1.51 0.00	55.52 1.58 0.00	49.61 1.52 0.00	44.43 1.72 0.00	44.54 1.63 0.00
PJM_GEN_KEystone 24065	34.98 0.36 0.00	33.92 0.36 0.00	29.45 0.27 0.00	28.51 0.21 0.00	28.21 0.18 0.00	32.70 0.33 0.00	33.63 0.38 0.00	31.70 0.25 0.00	-17.89 0.14 41.76	34.57 0.36 0.00	35.89 0.48 0.00	36.06 0.61 0.00	34.25 0.60 0.00	30.75 0.53 0.00	28.07 0.40 0.00	24.20 0.26 0.00	25.62 0.28 0.00	30.34 0.20 0.00	37.15 0.12 0.00	48.86 -0.30 0.00	53.54 -0.39 0.00	47.79 -0.29 0.00	42.71 0.00 0.00	49.76 0.00 -6.84
PJM_GEN_NEPTUNE_PROXY 323594	36.61 1.99 0.00	35.55 1.98 0.00	30.83 1.66 0.00	29.80 1.50 0.00	29.52 1.50 0.00	34.10 1.73 0.00	35.13 1.88 0.00	33.30 1.85 0.00	54.80 1.40 -29.67	36.51 2.29 0.00	39.48 2.55 -1.51	38.22 2.39 -0.38	35.55 1.90 0.00	31.60 1.37 0.00	29.03 1.36 0.00	25.13 1.20 0.00	26.52 1.19 0.00	31.32 1.18 0.00	38.15 1.12 0.00	50.08 0.91 0.00	54.81 0.88 0.00	48.93 0.85 0.00	43.82 1.11 0.00	44.13 1.22 0.00
PJM_GEN_VFT_PROXY 323633	36.43 1.82 0.00	35.34 1.77 0.00	30.64 1.46 0.00	29.64 1.34 0.00	29.38 1.35 0.00	33.93 1.57 0.00	35.05 1.80 0.00	33.25 1.80 0.00	54.89 1.36 -29.81	36.32 2.11 0.00	37.70 2.29 0.00	37.63 2.18 0.00	35.64 1.99 0.00	31.97 1.74 0.00	29.30 1.63 0.00	25.36 1.42 0.00	26.83 1.50 0.00	31.58 1.45 0.00	38.47 1.44 0.00	50.52 1.35 0.00	55.33 1.39 0.00	49.43 1.34 0.00	44.29 1.59 0.00	44.41 1.50 0.00
PLATSBURG_115KV_PMLD1 355749	35.53 0.91 0.00	34.31 0.75 0.00	29.81 0.63 0.00	28.85 0.56 0.00	28.48 0.45 0.00	32.82 0.46 0.00	33.77 0.52 0.00	31.94 0.49 0.00	24.18 0.45 0.00	34.79 0.58 0.00	36.22 0.81 0.00	36.30 0.85 0.00	34.49 0.84 0.00	31.00 0.77 0.00	28.42 0.75 0.00	24.60 0.66 0.00	25.94 0.61 0.00	31.02 0.88 0.00	38.24 1.21 0.00	51.03 1.87 0.00	56.05 2.11 0.00	50.02 1.93 0.00	44.25 1.54 0.00	44.54 1.63 0.00
PLEASANTVLY___LBMP 24000	36.00 1.38 0.00	34.90 1.34 0.00	30.32 1.14 0.00	29.37 1.08 0.00	29.12 1.10 0.00	33.58 1.21 0.00	34.59 1.35 0.00	32.82 1.36 0.00	35.65 0.97 -10.95	35.71 1.50 0.00	36.95 1.54 0.00	36.87 1.42 0.00	34.91 1.26 0.00	31.31 1.08 0.00	28.68 1.01 0.00	24.83 0.89 0.00	26.30 0.97 0.00	31.14 1.00 0.00	38.01 0.98 0.00	50.12 0.95 0.00	54.97 1.04 0.00	49.11 1.03 0.00	43.81 1.10 0.00	43.89 0.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.26 1.65 0.00	35.18 1.62 0.00	30.53 1.35 0.00	29.56 1.26 0.00	29.30 1.28 0.00	33.81 1.44 0.00	34.88 1.64 0.00	33.07 1.62 0.00	40.44 1.17 -15.53	36.03 1.81 0.00	37.32 1.91 0.00	37.27 1.82 0.00	35.27 1.62 0.00	31.63 1.40 0.00	28.98 1.31 0.00	25.08 1.15 0.00	26.56 1.23 0.00	31.41 1.28 0.00	38.30 1.27 0.00	50.46 1.29 0.00	55.33 1.40 0.00	49.41 1.33 0.00	44.14 1.43 0.00	44.21 1.30 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.26 1.65 0.00	35.18 1.62 0.00	30.53 1.35 0.00	29.56 1.26 0.00	29.30 1.28 0.00	33.81 1.44 0.00	34.88 1.64 0.00	33.07 1.62 0.00	40.44 1.17 -15.53	36.03 1.81 0.00	37.32 1.91 0.00	37.27 1.82 0.00	35.27 1.62 0.00	31.63 1.40 0.00	28.98 1.31 0.00	25.08 1.15 0.00	26.56 1.23 0.00	31.41 1.28 0.00	38.30 1.27 0.00	50.46 1.29 0.00	55.33 1.40 0.00	49.41 1.33 0.00	44.14 1.43 0.00	44.21 1.30 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.26 1.64 0.00	35.15 1.58 0.00	30.51 1.33 0.00	29.56 1.26 0.00	29.30 1.28 0.00	33.80 1.43 0.00	34.85 1.60 0.00	33.08 1.63 0.00	29.29 1.18 -4.39	36.01 1.80 0.00	37.25 1.84 0.00	37.19 1.73 0.00	35.20 1.55 0.00	31.56 1.33 0.00	28.90 1.23 0.00	25.03 1.09 0.00	26.54 1.20 0.00	31.46 1.33 0.00	38.47 1.44 0.00	50.71 1.55 0.00	55.61 1.67 0.00	49.64 1.55 0.00	44.23 1.52 0.00	44.27 1.36 0.00
POLETTI_____ 23519	36.64 2.02 0.00	35.52 1.96 0.00	30.82 1.64 0.00	29.82 1.52 0.00	29.55 1.52 0.00	34.13 1.76 0.00	35.24 1.99 0.00	33.44 1.99 0.00	55.02 1.48 -29.81	36.50 2.29 0.00	37.87 2.46 0.00	37.81 2.36 0.00	35.80 2.16 0.00	32.11 1.88 0.00	29.40 1.73 0.00	25.41 1.47 0.00	26.89 1.55 0.00	31.67 1.54 0.00	38.57 1.54 0.00	50.63 1.46 0.00	55.45 1.51 0.00	49.56 1.48 0.00	44.39 1.69 0.00	44.52 1.61 0.00
POMONA___ESR 323819	36.22 1.60 0.00	35.17 1.60 0.00	30.53 1.35 0.00	29.55 1.25 0.00	29.28 1.25 0.00	33.81 1.44 0.00	34.89 1.64 0.00	33.04 1.59 0.00	-15.55 1.11 40.39	35.98 1.77 0.00	37.31 1.90 0.00	37.26 1.81 0.00	35.31 1.65 0.00	31.67 1.44 0.00	28.98 1.31 0.00	25.08 1.15 0.00	26.57 1.24 0.00	31.38 1.25 0.00	38.29 1.27 0.00	50.39 1.23 0.00	55.33 1.39 0.00	49.42 1.34 0.00	44.17 1.46 0.00	44.26 1.35 0.00
PORT_JEFF_3 23555	37.00 2.38 0.00	35.95 2.38 0.00	31.19 2.01 0.00	30.12 1.82 0.00	29.83 1.80 0.00	34.44 2.07 0.00	35.44 2.19 0.00	33.61 2.15 0.00	55.07 1.67 -29.67	37.01 2.80 0.00	40.16 3.16 -1.58	38.82 2.98 -0.40	35.96 2.31 0.00	31.72 1.49 0.00	29.07 1.40 0.00	25.13 1.19 0.00	26.47 1.14 0.00	31.23 1.10 0.00	38.06 1.03 0.00	49.81 0.65 0.00	54.47 0.53 0.00	48.68 0.59 0.00	43.67 0.97 0.00	44.21 1.30 0.00
PORT_JEFF_4 23616	37.00 2.38 0.00	35.95 2.38 0.00	31.19 2.01 0.00	30.12 1.82 0.00	29.83 1.80 0.00	34.44 2.07 0.00	35.44 2.19 0.00	33.61 2.15 0.00	55.07 1.67 -29.67	37.01 2.80 0.00	40.16 3.16 -1.58	38.82 2.98 -0.40	35.96 2.31 0.00	31.72 1.49 0.00	29.07 1.40 0.00	25.13 1.19 0.00	26.47 1.14 0.00	31.23 1.10 0.00	38.06 1.03 0.00	49.81 0.65 0.00	54.47 0.53 0.00	48.68 0.59 0.00	43.67 0.97 0.00	44.21 1.30 0.00

PORT_JEFF_IC 23713	37.06 2.44 0.00	36.00 2.43 0.00	31.22 2.05 0.00	30.15 1.85 0.00	29.86 1.83 0.00	34.47 2.10 0.00	35.48 2.24 0.00	33.64 2.19 0.00	55.10 1.70 -29.67	37.07 2.86 0.00	40.23 3.24 -1.58	38.89 3.04 -0.40	36.02 2.36 0.00	31.78 1.56 0.00	29.14 1.47 0.00	25.21 1.27 0.00	26.55 1.22 0.00	31.33 1.20 0.00	38.18 1.15 0.00	49.97 0.80 0.00	54.63 0.70 0.00	48.79 0.71 0.00	43.75 1.05 0.00	44.26 1.35 0.00
PPL PILGRIM_ST_GT1 24216	37.19 2.58 0.00	36.15 2.58 0.00	31.37 2.19 0.00	30.29 2.00 0.00	30.00 1.97 0.00	34.65 2.28 0.00	35.67 2.42 0.00	33.81 2.36 0.00	55.22 1.82 -29.67	37.21 3.00 0.00	40.37 3.37 -1.58	39.03 3.18 -0.40	36.16 2.51 0.00	31.97 1.74 0.00	29.39 1.72 0.00	25.43 1.50 0.00	26.82 1.49 0.00	31.65 1.52 0.00	38.60 1.57 0.00	50.59 1.43 0.00	55.33 1.40 0.00	49.33 1.25 0.00	44.22 1.51 0.00	44.63 1.72 0.00
PPL PILGRIM_ST_GT2 24217	37.19 2.58 0.00	36.15 2.58 0.00	31.37 2.19 0.00	30.29 2.00 0.00	30.00 1.97 0.00	34.65 2.28 0.00	35.67 2.42 0.00	33.81 2.36 0.00	55.22 1.82 -29.67	37.21 3.00 0.00	40.37 3.37 -1.58	39.03 3.18 -0.40	36.16 2.51 0.00	31.97 1.74 0.00	29.39 1.72 0.00	25.43 1.50 0.00	26.82 1.49 0.00	31.65 1.52 0.00	38.60 1.57 0.00	50.59 1.43 0.00	55.33 1.40 0.00	49.33 1.25 0.00	44.22 1.51 0.00	44.63 1.72 0.00
PPL_SHRM_GT3 24213	36.78 2.16 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.90 1.60 0.00	29.61 1.59 0.00	34.20 1.83 0.00	35.20 1.95 0.00	33.41 1.95 0.00	54.94 1.54 -29.67	36.83 2.62 0.00	40.00 3.00 -1.58	38.66 2.82 -0.40	35.78 2.13 0.00	31.54 1.31 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	38.00 0.97 0.00	49.69 0.53 0.00	54.34 0.40 0.00	48.54 0.46 0.00	43.42 0.71 0.00	43.93 1.02 0.00
PPL_SHRM_GT4 24214	36.78 2.16 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.90 1.60 0.00	29.61 1.59 0.00	34.20 1.83 0.00	35.20 1.95 0.00	33.41 1.95 0.00	54.94 1.54 -29.67	36.83 2.62 0.00	40.00 3.00 -1.58	38.66 2.82 -0.40	35.78 2.13 0.00	31.54 1.31 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	38.00 0.97 0.00	49.69 0.53 0.00	54.34 0.40 0.00	48.54 0.46 0.00	43.42 0.71 0.00	43.93 1.02 0.00
PROJECT___ORANGE 1 24174	34.08 -0.53 0.00	33.00 -0.57 0.00	28.67 -0.51 0.00	27.79 -0.51 0.00	27.52 -0.51 0.00	31.85 -0.51 0.00	32.73 -0.52 0.00	30.91 -0.54 0.00	23.25 -0.47 0.00	33.55 -0.66 0.00	34.75 -0.67 0.00	34.84 -0.61 0.00	33.12 -0.53 0.00	29.77 -0.45 0.00	27.23 -0.44 0.00	23.57 -0.37 0.00	24.94 -0.40 0.00	29.68 -0.46 0.00	36.54 -0.51 -0.02	48.41 -0.76 0.00	53.06 -0.88 0.00	47.28 -0.80 0.00	41.99 -0.72 0.00	42.09 -0.82 0.00
PROJECT___ORANGE 2 24166	34.08 -0.53 0.00	33.00 -0.57 0.00	28.67 -0.51 0.00	27.79 -0.51 0.00	27.52 -0.51 0.00	31.85 -0.51 0.00	32.73 -0.52 0.00	30.91 -0.54 0.00	23.25 -0.47 0.00	33.55 -0.66 0.00	34.75 -0.67 0.00	34.84 -0.61 0.00	33.12 -0.53 0.00	29.77 -0.45 0.00	27.23 -0.44 0.00	23.57 -0.37 0.00	24.94 -0.40 0.00	29.68 -0.46 0.00	36.54 -0.51 -0.02	48.41 -0.76 0.00	53.06 -0.88 0.00	47.28 -0.80 0.00	41.99 -0.72 0.00	42.09 -0.82 0.00
PUCKETT___SOLAR 323809	34.99 0.37 0.00	33.98 0.42 0.00	29.48 0.30 0.00	28.55 0.25 0.00	28.28 0.26 0.00	32.82 0.45 0.00	33.74 0.49 0.00	31.75 0.30 0.00	23.78 0.06 0.00	34.19 -0.02 0.00	35.36 -0.05 0.00	35.41 -0.04 0.00	33.66 0.01 0.00	30.26 0.03 0.00	27.67 0.00 0.00	23.94 0.01 0.00	25.46 0.13 0.00	30.45 0.31 0.00	37.49 0.45 -0.01	49.75 0.59 0.00	54.58 0.64 0.00	48.57 0.49 0.00	43.21 0.50 0.00	43.27 0.36 0.00
PYRITES___HYD 24023	35.60 0.99 0.00	34.83 1.27 0.00	30.24 1.06 0.00	29.23 0.93 0.00	28.86 0.84 0.00	33.44 1.07 0.00	34.38 1.13 0.00	32.33 0.88 0.00	24.20 0.47 0.00	34.63 0.42 0.00	36.07 0.65 0.00	36.19 0.74 0.00	34.29 0.64 0.00	30.61 0.38 0.00	28.05 0.38 0.00	24.20 0.27 0.00	25.62 0.29 0.00	30.42 0.28 0.00	37.61 0.58 0.00	50.81 1.65 0.00	56.45 2.51 0.00	50.40 2.32 0.00	44.79 2.08 0.00	45.38 2.47 0.00
QUAKERRD_115KV_BK1 80622	33.51 -1.11 0.00	32.48 -1.09 0.00	28.22 -0.95 0.00	27.31 -0.99 0.00	26.98 -1.05 0.00	31.33 -1.03 0.00	32.11 -1.15 0.00	30.26 -1.19 0.00	22.79 -0.94 0.00	32.93 -1.28 0.00	34.21 -1.21 0.00	34.50 -0.95 0.00	32.80 -0.85 0.00	29.49 -0.74 0.00	26.96 -0.71 0.00	23.22 -0.72 0.00	24.53 -0.80 0.00	29.23 -0.90 0.00	36.08 -0.95 0.00	47.75 -1.41 0.00	52.26 -1.68 0.00	46.52 -1.56 0.00	41.25 -1.46 0.00	41.52 -1.39 0.00
QUENSBRY_115KV_TB8 356137	36.55 1.93 0.00	35.18 1.61 0.00	30.56 1.38 0.00	29.67 1.37 0.00	29.47 1.44 0.00	34.02 1.66 0.00	34.97 1.72 0.00	33.03 1.58 0.00	29.17 0.92 -4.52	35.32 1.11 0.00	36.20 0.79 0.00	36.12 0.67 0.00	34.13 0.47 0.00	30.58 0.35 0.00	28.09 0.42 0.00	24.44 0.51 0.00	26.02 0.68 0.00	31.27 1.14 0.00	38.72 1.69 0.00	51.47 2.31 0.00	56.54 2.60 0.00	50.39 2.31 0.00	44.63 1.93 0.00	44.82 1.91 0.00
RAMAPO___LBMP 323565	36.08 1.47 0.00	35.03 1.47 0.00	30.40 1.22 0.00	29.43 1.13 0.00	29.16 1.14 0.00	33.66 1.29 0.00	34.75 1.50 0.00	32.91 1.45 0.00	-12.65 1.01 37.39	35.83 1.62 0.00	37.14 1.72 0.00	37.09 1.63 0.00	35.14 1.49 0.00	31.52 1.30 0.00	28.84 1.17 0.00	24.96 1.03 0.00	26.44 1.10 0.00	31.23 1.10 0.00	38.12 1.09 0.00	50.18 1.01 0.00	55.07 1.13 0.00	49.18 1.10 0.00	43.97 1.26 0.00	44.06 1.15 0.00
RANKINE____ 23646	33.75 -0.86 0.00	32.76 -0.81 0.00	28.53 -0.65 0.00	27.53 -0.77 0.00	27.15 -0.87 0.00	31.68 -0.68 0.00	32.25 -1.00 0.00	30.23 -1.23 0.00	22.84 -0.89 0.00	33.11 -1.10 0.00	34.60 -0.82 0.00	35.24 -0.21 0.00	33.55 -0.10 0.00	30.22 -0.01 0.00	27.53 -0.14 0.00	23.51 -0.42 0.00	24.72 -0.61 0.00	29.43 -0.70 0.00	36.31 -0.72 0.00	47.78 -1.38 0.00	52.33 -1.61 0.00	46.62 -1.47 0.00	41.46 -1.24 0.00	42.12 -0.79 0.00
RAVENSWOOD_GT2_1 24244	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.77 2.32 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.39 1.72 0.00	25.44 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT2_2 24245	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.77 2.32 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.39 1.72 0.00	25.44 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00

RAVENSWOOD_GT2_3 24246	36.63 2.01 0.00	35.51 1.95 0.00	30.82 1.64 0.00	29.83 1.53 0.00	29.56 1.53 0.00	34.13 1.77 0.00	35.24 1.99 0.00	33.43 1.98 0.00	54.98 1.47 -29.78	36.49 2.28 0.00	37.86 2.44 0.00	37.80 2.35 0.00	35.80 2.15 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.59 0.00	38.66 1.62 0.00	50.76 1.60 0.00	55.62 1.68 0.00	49.70 1.61 0.00	44.51 1.81 0.00	44.63 1.72 0.00
RAVENSWOOD_GT2_4 24247	36.63 2.01 0.00	35.51 1.95 0.00	30.82 1.64 0.00	29.83 1.53 0.00	29.56 1.53 0.00	34.13 1.77 0.00	35.24 1.99 0.00	33.43 1.98 0.00	54.98 1.47 -29.78	36.49 2.28 0.00	37.86 2.44 0.00	37.80 2.35 0.00	35.80 2.15 0.00	32.10 1.87 0.00	29.41 1.74 0.00	25.45 1.51 0.00	26.93 1.60 0.00	31.72 1.59 0.00	38.66 1.62 0.00	50.76 1.60 0.00	55.62 1.68 0.00	49.70 1.61 0.00	44.51 1.81 0.00	44.63 1.72 0.00
RAVENSWOOD_GT3_1 24248	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.78 2.33 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.39 1.72 0.00	25.44 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT3_2 24249	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.78 2.33 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.39 1.72 0.00	25.44 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT3_3 24250	36.67 2.06 0.00	35.56 1.99 0.00	30.85 1.68 0.00	29.86 1.56 0.00	29.60 1.57 0.00	34.17 1.81 0.00	35.29 2.04 0.00	33.48 2.02 0.00	55.01 1.51 -29.78	36.54 2.33 0.00	37.91 2.50 0.00	37.85 2.40 0.00	35.84 2.19 0.00	32.14 1.91 0.00	29.45 1.78 0.00	25.48 1.55 0.00	26.96 1.63 0.00	31.77 1.63 0.00	38.70 1.67 0.00	50.83 1.66 0.00	55.68 1.74 0.00	49.76 1.68 0.00	44.58 1.87 0.00	44.68 1.77 0.00
RAVENSWOOD_GT3_4 24251	36.67 2.06 0.00	35.56 1.99 0.00	30.85 1.68 0.00	29.86 1.56 0.00	29.60 1.57 0.00	34.17 1.81 0.00	35.29 2.04 0.00	33.48 2.02 0.00	55.01 1.51 -29.78	36.54 2.33 0.00	37.91 2.50 0.00	37.85 2.40 0.00	35.84 2.19 0.00	32.14 1.91 0.00	29.45 1.78 0.00	25.48 1.55 0.00	26.96 1.63 0.00	31.77 1.63 0.00	38.70 1.67 0.00	50.83 1.66 0.00	55.68 1.74 0.00	49.76 1.68 0.00	44.58 1.87 0.00	44.68 1.77 0.00
RAVENSWOOD_GT_1 23729	36.62 2.00 0.00	35.59 2.02 0.00	30.88 1.71 0.00	29.87 1.57 0.00	29.59 1.57 0.00	34.17 1.81 0.00	35.33 2.08 0.00	33.51 2.05 0.00	55.04 1.53 -29.78	36.56 2.35 0.00	37.98 2.57 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.56 1.63 0.00	27.05 1.72 0.00	31.76 1.63 0.00	38.68 1.65 0.00	50.80 1.63 0.00	55.64 1.70 0.00	49.82 1.74 0.00	44.69 1.98 0.00	44.77 1.86 0.00
RAVENSWOOD_GT_10 24258	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.77 2.32 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.38 1.71 0.00	25.43 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT_11 24259	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.77 2.32 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.38 1.71 0.00	25.43 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT_4 24252	36.61 1.99 0.00	35.50 1.94 0.00	30.81 1.63 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.23 1.98 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.48 2.26 0.00	37.84 2.42 0.00	37.78 2.33 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.40 1.73 0.00	25.44 1.50 0.00	26.92 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.58 1.64 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT_5 24254	36.61 1.99 0.00	35.50 1.94 0.00	30.81 1.63 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.23 1.98 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.48 2.26 0.00	37.84 2.42 0.00	37.78 2.33 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.40 1.73 0.00	25.44 1.50 0.00	26.92 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.58 1.64 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT_6 24253	36.61 1.99 0.00	35.50 1.94 0.00	30.81 1.63 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.23 1.98 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.48 2.26 0.00	37.84 2.42 0.00	37.78 2.33 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.40 1.73 0.00	25.44 1.50 0.00	26.92 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.58 1.64 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT_7 24255	36.61 1.99 0.00	35.50 1.94 0.00	30.81 1.63 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.23 1.98 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.48 2.26 0.00	37.84 2.42 0.00	37.78 2.33 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.40 1.73 0.00	25.44 1.50 0.00	26.92 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.57 0.00	55.58 1.64 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.77 2.32 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.38 1.71 0.00	25.43 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00
RAVENSWOOD_GT_9 24257	36.61 1.99 0.00	35.50 1.93 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.11 1.75 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.96 1.46 -29.78	36.47 2.26 0.00	37.84 2.42 0.00	37.77 2.32 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.38 1.71 0.00	25.43 1.50 0.00	26.91 1.58 0.00	31.71 1.57 0.00	38.63 1.60 0.00	50.73 1.56 0.00	55.58 1.64 0.00	49.67 1.59 0.00	44.50 1.79 0.00	44.61 1.70 0.00

RAVENSWOOD___1 23533	36.58 1.96 0.00	35.56 2.00 0.00	30.87 1.69 0.00	29.86 1.56 0.00	29.58 1.55 0.00	34.18 1.82 0.00	35.33 2.08 0.00	33.51 2.06 0.00	55.04 1.54 -29.78	36.56 2.35 0.00	38.00 2.58 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.57 1.63 -0.01	27.05 1.71 -0.01	31.77 1.63 0.00	38.69 1.66 0.00	50.79 1.63 0.00	55.64 1.70 0.00	49.82 1.74 0.00	44.69 1.99 0.00	44.77 1.86 0.00
RAVENSWOOD___2 23534	36.56 1.94 0.00	35.55 1.98 0.00	30.85 1.67 0.00	29.84 1.54 0.00	29.57 1.54 0.00	34.18 1.82 0.00	35.33 2.08 0.00	33.51 2.06 0.00	55.04 1.54 -29.78	36.56 2.35 0.00	38.00 2.58 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.57 1.63 -0.01	27.05 1.71 -0.01	31.77 1.63 0.00	38.69 1.66 0.00	50.79 1.63 0.00	55.64 1.70 0.00	49.82 1.74 0.00	44.69 1.99 0.00	44.77 1.86 0.00
RAVENSWOOD___3 23535	36.61 1.99 0.00	35.50 1.94 0.00	30.80 1.63 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.12 1.75 0.00	35.23 1.98 0.00	33.42 1.97 0.00	54.97 1.46 -29.78	36.48 2.26 0.00	37.84 2.43 0.00	37.78 2.33 0.00	35.77 2.12 0.00	32.08 1.85 0.00	29.40 1.73 0.00	25.44 1.50 0.00	26.91 1.58 0.00	31.71 1.58 0.00	38.64 1.61 0.00	50.73 1.56 0.00	55.57 1.64 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.62 1.71 0.00
RAVENSWOOD___4 23820	36.56 1.94 0.00	35.55 1.98 0.00	30.85 1.67 0.00	29.84 1.54 0.00	29.57 1.54 0.00	34.18 1.82 0.00	35.33 2.08 0.00	33.51 2.06 0.00	55.04 1.54 -29.78	36.56 2.35 0.00	38.00 2.58 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.57 1.63 -0.01	27.05 1.71 -0.01	31.77 1.63 0.00	38.69 1.66 0.00	50.79 1.63 0.00	55.64 1.70 0.00	49.82 1.74 0.00	44.69 1.99 0.00	44.77 1.86 0.00
RCPL_TRUST___DRP 24196	36.63 2.01 0.00	35.51 1.95 0.00	30.80 1.62 0.00	29.81 1.51 0.00	29.55 1.52 0.00	34.12 1.76 0.00	35.24 1.99 0.00	33.44 1.99 0.00	55.06 1.48 -29.85	36.51 2.30 0.00	37.88 2.47 0.00	37.81 2.37 0.00	35.81 2.16 0.00	32.11 1.89 0.00	29.42 1.75 0.00	25.45 1.52 0.00	26.94 1.60 0.00	31.73 1.60 0.00	38.65 1.62 0.00	50.73 1.57 0.00	55.59 1.65 0.00	49.66 1.58 0.00	44.48 1.78 0.00	44.59 1.68 0.00
RED___ROCHESTER 323720	34.46 -0.15 0.00	33.39 -0.18 0.00	29.00 -0.18 0.00	28.03 -0.27 0.00	27.70 -0.33 0.00	32.20 -0.16 0.00	32.97 -0.28 0.00	31.05 -0.41 0.00	23.40 -0.33 0.00	33.84 -0.37 0.00	35.24 -0.17 0.00	35.60 0.15 0.00	33.86 0.21 0.00	30.45 0.22 0.00	27.83 0.16 0.00	23.94 0.01 0.00	25.29 -0.04 0.00	30.13 0.00 0.00	37.23 0.20 0.00	49.23 0.07 0.00	53.84 -0.10 0.00	47.91 -0.17 0.00	42.45 -0.26 0.00	42.76 -0.15 0.00
REGAN___SOLAR 323812	36.59 1.97 0.00	35.44 1.88 0.00	30.74 1.56 0.00	29.80 1.50 0.00	29.56 1.53 0.00	34.21 1.85 0.00	35.15 1.90 0.00	32.80 1.35 0.00	24.08 0.36 0.00	34.26 0.05 0.00	35.32 -0.09 0.00	35.47 0.02 0.00	33.74 0.09 0.00	30.20 -0.03 0.00	27.72 0.05 0.00	24.02 0.08 0.00	25.60 0.27 0.00	30.77 0.64 0.00	38.49 1.45 0.00	51.87 2.71 0.00	57.32 3.38 0.00	51.07 2.99 0.00	45.25 2.54 0.00	45.38 2.47 0.00
RENSSELAER___COGEN 23796	35.03 0.42 0.00	33.96 0.39 0.00	29.60 0.42 0.00	28.79 0.49 0.00	28.55 0.53 0.00	32.81 0.44 0.00	33.65 0.40 0.00	31.94 0.49 0.00	28.97 0.31 -4.93	34.64 0.43 0.00	35.67 0.26 0.00	35.55 0.09 0.00	33.71 0.06 0.00	30.27 0.04 0.00	27.65 -0.02 0.00	23.96 0.02 0.00	25.40 0.07 0.00	30.24 0.10 0.00	37.03 0.00 0.00	49.06 -0.11 0.00	53.87 -0.07 0.00	48.07 -0.02 0.00	42.70 0.00 0.00	42.90 0.00 0.00
REPUBLIC_115KV_BARTNBK 55605	38.92 4.30 0.00	37.11 3.55 0.00	32.17 2.99 0.00	31.16 2.86 0.00	31.01 2.99 0.00	35.94 3.58 0.00	37.09 3.84 0.00	34.83 3.38 0.00	30.37 2.12 -4.53	36.82 2.61 0.00	37.79 2.37 0.00	37.67 2.22 0.00	35.54 1.89 0.00	31.96 1.73 0.00	29.42 1.75 0.00	25.67 1.73 0.00	27.46 2.13 0.00	33.20 3.07 0.00	40.72 3.69 0.00	54.54 5.37 0.00	59.92 5.98 0.00	53.48 5.39 0.00	47.16 4.45 0.00	47.30 4.39 0.00
REVERE_CPPR_DRP 24186	35.86 1.24 0.00	34.71 1.14 0.00	30.13 0.95 0.00	29.20 0.90 0.00	28.92 0.89 0.00	33.51 1.15 0.00	34.51 1.27 0.00	32.49 1.04 0.00	24.29 0.56 0.00	34.87 0.66 0.00	36.02 0.60 0.00	36.08 0.63 0.00	34.27 0.62 0.00	30.81 0.58 0.00	28.24 0.57 0.00	24.44 0.50 0.00	25.84 0.50 0.00	30.79 0.66 0.00	38.16 1.12 -0.01	51.02 1.85 0.00	56.13 2.20 0.00	50.11 2.03 0.00	44.40 1.69 0.00	44.40 1.49 0.00
REYNLDPA_13_KV_LD 356490	35.01 0.40 0.00	33.94 0.37 0.00	29.49 0.31 0.00	28.54 0.25 0.00	28.21 0.18 0.00	32.63 0.26 0.00	33.51 0.27 0.00	31.67 0.22 0.00	23.95 0.23 0.00	34.47 0.26 0.00	35.83 0.42 0.00	36.00 0.55 0.00	34.21 0.56 0.00	30.75 0.52 0.00	28.16 0.49 0.00	24.33 0.39 0.00	25.71 0.38 0.00	30.63 0.50 0.00	37.73 0.70 0.00	50.32 1.16 0.00	55.23 1.29 0.00	49.22 1.14 0.00	43.57 0.86 0.00	44.03 1.12 0.00
REYNOLDS_115KV_TB3 80639	35.28 0.67 0.00	34.19 0.62 0.00	29.79 0.61 0.00	28.97 0.67 0.00	28.74 0.71 0.00	33.03 0.67 0.00	33.88 0.63 0.00	32.15 0.69 0.00	29.23 0.45 -5.05	34.85 0.63 0.00	35.88 0.47 0.00	35.75 0.30 0.00	33.89 0.23 0.00	30.43 0.20 0.00	27.83 0.16 0.00	24.11 0.17 0.00	25.55 0.22 0.00	30.43 0.29 0.00	37.24 0.21 0.00	49.33 0.16 0.00	54.17 0.23 0.00	48.36 0.28 0.00	42.97 0.26 0.00	43.17 0.26 0.00
RIVERBAY____ 323610	37.41 2.80 0.00	36.47 2.91 0.00	31.70 2.52 0.00	30.66 2.36 0.00	30.39 2.37 0.00	35.14 2.78 0.00	36.33 3.08 0.00	34.34 2.88 0.00	55.62 2.11 -29.78	37.34 3.13 0.00	38.75 3.34 0.00	38.67 3.22 0.00	36.62 2.97 0.00	32.79 2.56 0.00	30.08 2.41 0.00	25.92 1.99 0.00	27.40 2.07 0.00	32.22 2.09 0.00	39.29 2.26 0.00	51.75 2.58 0.00	56.77 2.83 0.00	50.85 2.77 0.00	45.79 3.08 0.00	45.67 2.76 0.00
RIVERSDE_115KV_TB3 55908	35.18 0.57 0.00	34.11 0.54 0.00	29.72 0.54 0.00	28.90 0.60 0.00	28.67 0.65 0.00	32.94 0.58 0.00	33.79 0.54 0.00	32.07 0.62 0.00	29.10 0.41 -4.96	34.77 0.56 0.00	35.81 0.40 0.00	35.69 0.24 0.00	33.84 0.19 0.00	30.38 0.15 0.00	27.78 0.11 0.00	24.06 0.13 0.00	25.51 0.18 0.00	30.38 0.24 0.00	37.20 0.17 0.00	49.27 0.10 0.00	54.09 0.15 0.00	48.28 0.19 0.00	42.88 0.17 0.00	43.08 0.17 0.00
ROARING___BROOK_WT_PWR 323790	34.47 -0.15 0.00	33.49 -0.07 0.00	29.12 -0.06 0.00	28.24 -0.06 0.00	27.94 -0.08 0.00	32.32 -0.04 0.00	33.23 -0.02 0.00	31.42 -0.03 0.00	23.71 -0.02 0.00	34.18 -0.03 0.00	35.41 -0.01 0.00	35.47 0.02 0.00	33.67 0.02 0.00	30.23 0.01 0.00	27.69 0.02 0.00	23.95 0.01 0.00	25.31 -0.03 0.00	30.11 -0.03 0.00	37.05 0.02 0.00	49.27 0.11 0.00	54.08 0.14 0.00	48.17 0.08 0.00	42.77 0.06 0.00	43.07 0.16 0.00

ROCHESRG_115KV_T4 355643	34.08 -0.53 0.00	33.04 -0.53 0.00	28.72 -0.46 0.00	27.77 -0.53 0.00	27.44 -0.59 0.00	31.89 -0.47 0.00	32.63 -0.62 0.00	30.74 -0.71 0.00	23.15 -0.57 0.00	33.47 -0.74 0.00	34.82 -0.59 0.00	35.17 -0.28 0.00	33.45 -0.20 0.00	30.07 -0.16 0.00	27.48 -0.20 0.00	23.64 -0.29 0.00	24.96 -0.37 0.00	29.72 -0.41 0.00	36.68 -0.35 0.00	48.50 -0.66 0.00	53.10 -0.84 0.00	47.28 -0.80 0.00	41.92 -0.78 0.00	42.27 -0.64 0.00
ROCHESTER_9_IC 23652	34.28 -0.34 0.00	33.22 -0.34 0.00	28.86 -0.31 0.00	27.91 -0.39 0.00	27.57 -0.45 0.00	32.06 -0.31 0.00	32.82 -0.43 0.00	30.92 -0.54 0.00	23.28 -0.45 0.00	33.67 -0.54 0.00	35.05 -0.37 0.00	35.41 -0.05 0.00	33.66 0.01 0.00	30.27 0.04 0.00	27.66 -0.01 0.00	23.80 -0.14 0.00	25.13 -0.20 0.00	29.94 -0.19 0.00	36.95 -0.08 0.00	48.88 -0.29 0.00	53.47 -0.46 0.00	47.60 -0.48 0.00	42.19 -0.51 0.00	42.53 -0.38 0.00
ROCKVIEW_13_KV_LD 356306	36.66 2.04 0.00	35.53 1.96 0.00	30.82 1.65 0.00	29.83 1.53 0.00	29.56 1.54 0.00	34.13 1.77 0.00	35.22 1.97 0.00	33.41 1.96 0.00	54.99 1.44 -29.82	36.44 2.23 0.00	37.80 2.39 0.00	37.74 2.29 0.00	35.74 2.08 0.00	32.04 1.81 0.00	29.35 1.67 0.00	25.40 1.47 0.00	26.89 1.55 0.00	31.73 1.59 0.00	38.67 1.64 0.00	50.82 1.66 0.00	55.72 1.78 0.00	49.77 1.69 0.00	44.52 1.81 0.00	44.59 1.68 0.00
ROME____115KV_TB2 80656	35.86 1.24 0.00	34.71 1.14 0.00	30.13 0.95 0.00	29.20 0.90 0.00	28.92 0.89 0.00	33.51 1.15 0.00	34.51 1.27 0.00	32.49 1.04 0.00	24.29 0.56 0.00	34.87 0.66 0.00	36.02 0.60 0.00	36.08 0.63 0.00	34.27 0.62 0.00	30.81 0.58 0.00	28.24 0.57 0.00	24.44 0.50 0.00	25.84 0.50 0.00	30.79 0.66 0.00	38.16 1.12 -0.01	51.02 1.85 0.00	56.13 2.20 0.00	50.11 2.03 0.00	44.40 1.69 0.00	44.40 1.49 0.00
ROSETON___1 23587	35.96 1.34 0.00	34.87 1.31 0.00	30.28 1.10 0.00	29.34 1.04 0.00	29.09 1.06 0.00	33.54 1.18 0.00	34.57 1.32 0.00	32.77 1.32 0.00	24.66 0.94 0.00	35.67 1.46 0.00	36.92 1.50 0.00	36.85 1.40 0.00	34.90 1.25 0.00	31.30 1.07 0.00	28.67 1.00 0.00	24.82 0.88 0.00	26.28 0.95 0.00	31.12 0.98 0.00	37.99 0.96 0.00	50.09 0.92 0.00	54.96 1.02 0.00	49.07 0.99 0.00	43.79 1.08 0.00	43.88 0.97 0.00
ROSETON___2 23588	35.96 1.34 0.00	34.87 1.31 0.00	30.28 1.10 0.00	29.34 1.04 0.00	29.09 1.06 0.00	33.54 1.18 0.00	34.57 1.32 0.00	32.77 1.32 0.00	24.66 0.94 0.00	35.67 1.46 0.00	36.92 1.50 0.00	36.85 1.40 0.00	34.90 1.25 0.00	31.30 1.07 0.00	28.67 1.00 0.00	24.82 0.88 0.00	26.28 0.95 0.00	31.12 0.98 0.00	37.99 0.96 0.00	50.09 0.92 0.00	54.96 1.02 0.00	49.07 0.99 0.00	43.79 1.08 0.00	43.88 0.97 0.00
ROTTTRDAM_115KV_TB3 80664	35.54 0.93 0.00	34.42 0.85 0.00	29.92 0.74 0.00	29.05 0.76 0.00	28.81 0.78 0.00	33.20 0.83 0.00	34.08 0.83 0.00	32.24 0.78 0.00	28.49 0.48 -4.28	34.84 0.62 0.00	35.94 0.53 0.00	35.89 0.43 0.00	34.02 0.37 0.00	30.55 0.32 0.00	28.00 0.33 0.00	24.24 0.31 0.00	25.70 0.36 0.00	30.63 0.49 0.00	37.68 0.65 0.00	49.98 0.81 0.00	54.89 0.95 0.00	48.97 0.88 0.00	43.51 0.80 0.00	43.66 0.75 0.00
RUSSELL___1 23602	34.46 -0.15 0.00	33.38 -0.18 0.00	29.00 -0.18 0.00	28.03 -0.27 0.00	27.70 -0.33 0.00	32.20 -0.16 0.00	32.96 -0.29 0.00	31.06 -0.40 0.00	23.40 -0.33 0.00	33.84 -0.37 0.00	35.25 -0.16 0.00	35.60 0.15 0.00	33.86 0.21 0.00	30.45 0.22 0.00	27.83 0.16 0.00	23.94 0.01 0.00	25.29 -0.04 0.00	30.13 0.00 0.00	37.23 0.20 0.00	49.23 0.07 0.00	53.84 -0.10 0.00	47.91 -0.17 0.00	42.45 -0.26 0.00	42.76 -0.15 0.00
RUSSELL___2 23532	34.46 -0.15 0.00	33.38 -0.18 0.00	29.00 -0.18 0.00	28.03 -0.27 0.00	27.70 -0.33 0.00	32.20 -0.16 0.00	32.96 -0.29 0.00	31.06 -0.40 0.00	23.40 -0.33 0.00	33.84 -0.37 0.00	35.25 -0.16 0.00	35.60 0.15 0.00	33.86 0.21 0.00	30.45 0.22 0.00	27.83 0.16 0.00	23.94 0.01 0.00	25.29 -0.04 0.00	30.13 0.00 0.00	37.23 0.20 0.00	49.23 0.07 0.00	53.84 -0.10 0.00	47.91 -0.17 0.00	42.45 -0.26 0.00	42.76 -0.15 0.00
RUSSELL___3 23549	34.46 -0.15 0.00	33.38 -0.18 0.00	29.00 -0.18 0.00	28.03 -0.27 0.00	27.70 -0.33 0.00	32.20 -0.16 0.00	32.96 -0.29 0.00	31.06 -0.40 0.00	23.40 -0.33 0.00	33.84 -0.37 0.00	35.25 -0.16 0.00	35.60 0.15 0.00	33.86 0.21 0.00	30.45 0.22 0.00	27.83 0.16 0.00	23.94 0.01 0.00	25.29 -0.04 0.00	30.13 0.00 0.00	37.23 0.20 0.00	49.23 0.07 0.00	53.84 -0.10 0.00	47.91 -0.17 0.00	42.45 -0.26 0.00	42.76 -0.15 0.00
RUSSELL___4 23556	34.46 -0.15 0.00	33.38 -0.18 0.00	29.00 -0.18 0.00	28.03 -0.27 0.00	27.70 -0.33 0.00	32.20 -0.16 0.00	32.96 -0.29 0.00	31.06 -0.40 0.00	23.40 -0.33 0.00	33.84 -0.37 0.00	35.25 -0.16 0.00	35.60 0.15 0.00	33.86 0.21 0.00	30.45 0.22 0.00	27.83 0.16 0.00	23.94 0.01 0.00	25.29 -0.04 0.00	30.13 0.00 0.00	37.23 0.20 0.00	49.23 0.07 0.00	53.84 -0.10 0.00	47.91 -0.17 0.00	42.45 -0.26 0.00	42.76 -0.15 0.00
RUSSELL___STATION 23914	34.46 -0.15 0.00	33.38 -0.18 0.00	29.00 -0.18 0.00	28.03 -0.27 0.00	27.70 -0.33 0.00	32.20 -0.16 0.00	32.96 -0.29 0.00	31.06 -0.40 0.00	23.40 -0.33 0.00	33.84 -0.37 0.00	35.25 -0.16 0.00	35.60 0.15 0.00	33.86 0.21 0.00	30.45 0.22 0.00	27.83 0.16 0.00	23.94 0.01 0.00	25.29 -0.04 0.00	30.13 0.00 0.00	37.23 0.20 0.00	49.23 0.07 0.00	53.84 -0.10 0.00	47.91 -0.17 0.00	42.45 -0.26 0.00	42.76 -0.15 0.00
S SALMON___HYD 24043	34.52 -0.09 0.00	33.48 -0.09 0.00	29.11 -0.07 0.00	28.22 -0.08 0.00	27.96 -0.07 0.00	32.38 0.01 0.00	33.25 0.00 0.00	31.35 -0.10 0.00	23.49 -0.23 0.00	33.76 -0.45 0.00	34.85 -0.57 0.00	34.77 -0.68 0.00	33.04 -0.61 0.00	29.71 -0.52 0.00	27.15 -0.52 0.00	23.43 -0.51 0.00	24.75 -0.59 0.00	29.49 -0.65 0.00	36.56 -0.51 -0.04	48.77 -0.40 0.00	53.81 -0.12 0.00	48.18 0.10 0.00	42.82 0.11 0.00	42.89 -0.02 0.00
S.PERRY__115KV_TB1 80734	34.93 0.31 0.00	33.97 0.40 0.00	29.57 0.39 0.00	28.59 0.29 0.00	28.27 0.25 0.00	32.96 0.59 0.00	33.76 0.51 0.00	31.56 0.10 0.00	23.36 -0.37 0.00	33.80 -0.41 0.00	35.19 -0.22 0.00	35.57 0.11 0.00	33.94 0.29 0.00	30.65 0.42 0.00	27.97 0.29 0.00	24.03 0.09 0.00	25.35 0.01 0.00	30.11 -0.03 0.00	37.26 0.22 0.00	49.84 0.67 0.00	55.21 1.28 0.00	49.25 1.16 0.00	43.66 0.96 0.00	43.97 1.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.53 -1.09 0.00	32.56 -1.01 0.00	28.37 -0.81 0.00	27.37 -0.93 0.00	26.98 -1.05 0.00	31.47 -0.89 0.00	32.01 -1.24 0.00	29.99 -1.47 0.00	22.67 -1.06 0.00	32.85 -1.36 0.00	34.33 -1.09 0.00	35.00 -0.45 0.00	33.32 -0.33 0.00	30.02 -0.21 0.00	27.34 -0.32 0.00	23.35 -0.59 0.00	24.53 -0.81 0.00	29.20 -0.93 0.00	36.01 -1.02 0.00	47.32 -1.84 0.00	51.79 -2.15 0.00	46.15 -1.93 0.00	41.05 -1.66 0.00	41.77 -1.14 0.00

SAWYER___23_KV_LOAD 55526	33.53 -1.09 0.00	32.56 -1.01 0.00	28.37 -0.81 0.00	27.37 -0.93 0.00	26.98 -1.05 0.00	31.47 -0.89 0.00	32.01 -1.24 0.00	29.99 -1.47 0.00	22.67 -1.06 0.00	32.85 -1.36 0.00	34.33 -1.09 0.00	35.00 -0.45 0.00	33.32 -0.33 0.00	30.02 -0.21 0.00	27.34 -0.32 0.00	23.35 -0.59 0.00	24.53 -0.81 0.00	29.20 -0.93 0.00	36.01 -1.02 0.00	47.32 -1.84 0.00	51.79 -2.15 0.00	46.15 -1.93 0.00	41.05 -1.66 0.00	41.77 -1.14 0.00
SELKIRK___I 23801	35.37 0.75 0.00	34.30 0.73 0.00	29.86 0.68 0.00	29.04 0.74 0.00	28.80 0.78 0.00	33.12 0.75 0.00	33.95 0.70 0.00	32.12 0.66 0.00	28.66 0.46 -4.48	34.83 0.62 0.00	35.84 0.42 0.00	35.71 0.25 0.00	33.77 0.12 0.00	30.31 0.08 0.00	27.72 0.04 0.00	24.00 0.06 0.00	25.45 0.12 0.00	30.29 0.16 0.00	37.29 0.26 0.00	49.54 0.38 0.00	54.43 0.49 0.00	48.53 0.45 0.00	43.14 0.43 0.00	43.34 0.43 0.00
SELKIRK___II 23799	35.17 0.56 0.00	34.10 0.54 0.00	29.69 0.52 0.00	28.88 0.58 0.00	28.62 0.60 0.00	32.92 0.56 0.00	33.77 0.52 0.00	32.03 0.58 0.00	28.91 0.38 -4.80	34.75 0.54 0.00	35.82 0.41 0.00	35.72 0.27 0.00	33.86 0.21 0.00	30.40 0.17 0.00	27.79 0.12 0.00	24.08 0.14 0.00	25.51 0.18 0.00	30.35 0.21 0.00	37.19 0.16 0.00	49.29 0.12 0.00	54.10 0.16 0.00	48.29 0.20 0.00	42.90 0.20 0.00	43.09 0.18 0.00
SENECA OSWGO___HYD 24041	33.91 -0.71 0.00	32.83 -0.74 0.00	28.53 -0.65 0.00	27.65 -0.64 0.00	27.40 -0.63 0.00	31.68 -0.68 0.00	32.55 -0.70 0.00	30.76 -0.69 0.00	23.13 -0.60 0.00	33.33 -0.88 0.00	34.49 -0.92 0.00	34.56 -0.89 0.00	32.82 -0.83 0.00	29.49 -0.74 0.00	26.97 -0.70 0.00	23.35 -0.58 0.00	24.71 -0.63 0.00	29.42 -0.71 0.00	36.34 -0.75 -0.06	48.13 -1.04 0.00	52.80 -1.14 0.00	47.07 -1.02 0.00	41.80 -0.90 0.00	41.92 -0.99 0.00
SENECA___115KV_TB3 355854	33.81 -0.81 0.00	32.81 -0.75 0.00	28.57 -0.61 0.00	27.57 -0.73 0.00	27.19 -0.84 0.00	31.74 -0.63 0.00	32.28 -0.96 0.00	30.27 -1.19 0.00	22.89 -0.84 0.00	33.17 -1.04 0.00	34.65 -0.76 0.00	35.30 -0.15 0.00	33.62 -0.04 0.00	30.28 0.05 0.00	27.58 -0.09 0.00	23.56 -0.38 0.00	24.76 -0.57 0.00	29.49 -0.64 0.00	36.37 -0.66 0.00	47.87 -1.30 0.00	52.41 -1.53 0.00	46.69 -1.39 0.00	41.53 -1.18 0.00	42.18 -0.73 0.00
SENECA___ENERGY 23797	34.33 -0.29 0.00	33.22 -0.34 0.00	28.83 -0.34 0.00	27.94 -0.36 0.00	27.67 -0.36 0.00	32.11 -0.26 0.00	33.01 -0.24 0.00	31.10 -0.35 0.00	23.33 -0.40 0.00	33.58 -0.63 0.00	34.78 -0.64 0.00	34.96 -0.49 0.00	33.33 -0.32 0.00	29.97 -0.25 0.00	27.38 -0.29 0.00	23.59 -0.34 0.00	24.97 -0.36 0.00	29.73 -0.40 0.00	36.76 -0.29 -0.02	48.83 -0.34 0.00	53.52 -0.42 0.00	47.68 -0.40 0.00	42.42 -0.29 0.00	42.53 -0.38 0.00
SHOEMAKER___GT 23640	35.80 1.18 0.00	34.72 1.16 0.00	30.15 0.97 0.00	29.20 0.90 0.00	28.94 0.91 0.00	33.41 1.05 0.00	34.44 1.19 0.00	32.62 1.17 0.00	0.34 0.82 24.21	35.49 1.28 0.00	36.73 1.31 0.00	36.69 1.24 0.00	34.77 1.12 0.00	31.19 0.96 0.00	28.53 0.86 0.00	24.68 0.74 0.00	26.15 0.82 0.00	31.00 0.87 0.00	37.94 0.90 0.00	50.09 0.93 0.00	54.96 1.02 0.00	49.06 0.98 0.00	43.76 1.05 0.00	43.84 0.93 0.00
SHOEMAKR_138KV_BK 111 55601	35.79 1.17 0.00	34.72 1.16 0.00	30.15 0.97 0.00	29.20 0.90 0.00	28.94 0.91 0.00	33.41 1.05 0.00	34.44 1.19 0.00	32.62 1.17 0.00	1.40 0.82 23.15	35.50 1.29 0.00	36.74 1.32 0.00	36.71 1.26 0.00	34.78 1.13 0.00	31.20 0.97 0.00	28.55 0.88 0.00	24.69 0.76 0.00	26.17 0.84 0.00	31.00 0.86 0.00	37.93 0.90 0.00	50.06 0.90 0.00	54.93 1.00 0.00	49.04 0.95 0.00	43.75 1.04 0.00	43.83 0.92 0.00
SHOREHAM_IC_1 23715	36.78 2.16 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.90 1.60 0.00	29.61 1.59 0.00	34.20 1.83 0.00	35.20 1.95 0.00	33.41 1.95 0.00	54.94 1.54 -29.67	36.83 2.62 0.00	40.00 3.00 -1.58	38.66 2.82 -0.40	35.78 2.13 0.00	31.54 1.31 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	38.00 0.97 0.00	49.69 0.53 0.00	54.34 0.40 0.00	48.54 0.46 0.00	43.42 0.71 0.00	43.93 1.02 0.00
SHOREHAM_IC_2 23716	36.78 2.16 0.00	35.71 2.15 0.00	30.97 1.79 0.00	29.90 1.60 0.00	29.61 1.59 0.00	34.20 1.83 0.00	35.20 1.95 0.00	33.40 1.95 0.00	54.93 1.53 -29.67	36.83 2.62 0.00	39.99 3.00 -1.58	38.65 2.80 -0.40	35.78 2.13 0.00	31.54 1.31 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	38.00 0.97 0.00	49.69 0.53 0.00	54.34 0.40 0.00	48.54 0.46 0.00	43.42 0.72 0.00	43.92 1.01 0.00
SISSONVILLE____ 23735	35.08 0.46 0.00	34.25 0.69 0.00	29.76 0.58 0.00	28.76 0.46 0.00	28.41 0.38 0.00	32.88 0.52 0.00	33.81 0.56 0.00	31.93 0.48 0.00	24.04 0.31 0.00	34.50 0.29 0.00	35.94 0.53 0.00	36.05 0.59 0.00	34.08 0.43 0.00	30.36 0.13 0.00	27.81 0.14 0.00	24.00 0.06 0.00	25.36 0.03 0.00	30.09 -0.05 0.00	37.17 0.14 0.00	49.89 0.73 0.00	55.10 1.16 0.00	49.23 1.15 0.00	43.88 1.18 0.00	44.55 1.64 0.00
SITHE_IND_GS1 24169	33.47 -1.15 0.00	32.42 -1.15 0.00	28.17 -1.01 0.00	27.31 -0.99 0.00	27.05 -0.98 0.00	31.28 -1.08 0.00	32.12 -1.13 0.00	30.36 -1.10 0.00	22.85 -0.88 0.00	32.95 -1.26 0.00	34.12 -1.30 0.00	34.20 -1.25 0.00	32.48 -1.17 0.00	29.19 -1.04 0.00	26.71 -0.96 0.00	23.12 -0.82 0.00	24.45 -0.89 0.00	29.09 -1.05 0.00	35.59 -1.25 0.19	47.43 -1.74 0.00	51.98 -1.95 0.00	46.36 -1.72 0.00	41.18 -1.52 0.00	41.35 -1.56 0.00
SITHE_IND_GS2 24170	33.47 -1.15 0.00	32.42 -1.15 0.00	28.17 -1.01 0.00	27.31 -0.99 0.00	27.05 -0.98 0.00	31.28 -1.08 0.00	32.12 -1.13 0.00	30.36 -1.10 0.00	22.85 -0.88 0.00	32.95 -1.26 0.00	34.12 -1.30 0.00	34.20 -1.25 0.00	32.48 -1.17 0.00	29.19 -1.04 0.00	26.71 -0.96 0.00	23.12 -0.82 0.00	24.45 -0.89 0.00	29.09 -1.05 0.00	35.59 -1.25 0.19	47.43 -1.74 0.00	51.98 -1.95 0.00	46.36 -1.72 0.00	41.18 -1.52 0.00	41.35 -1.56 0.00
SITHE_IND_GS3 24171	33.47 -1.15 0.00	32.42 -1.15 0.00	28.17 -1.01 0.00	27.31 -0.99 0.00	27.05 -0.98 0.00	31.28 -1.08 0.00	32.12 -1.13 0.00	30.36 -1.10 0.00	22.85 -0.88 0.00	32.95 -1.26 0.00	34.12 -1.30 0.00	34.20 -1.25 0.00	32.48 -1.17 0.00	29.19 -1.04 0.00	26.71 -0.96 0.00	23.12 -0.82 0.00	24.45 -0.89 0.00	29.09 -1.05 0.00	35.59 -1.25 0.19	47.43 -1.74 0.00	51.98 -1.95 0.00	46.36 -1.72 0.00	41.18 -1.52 0.00	41.35 -1.56 0.00
SITHE_IND_GS4 24172	33.47 -1.15 0.00	32.42 -1.15 0.00	28.17 -1.01 0.00	27.31 -0.99 0.00	27.05 -0.98 0.00	31.28 -1.08 0.00	32.12 -1.13 0.00	30.36 -1.10 0.00	22.85 -0.88 0.00	32.95 -1.26 0.00	34.12 -1.30 0.00	34.20 -1.25 0.00	32.48 -1.17 0.00	29.19 -1.04 0.00	26.71 -0.96 0.00	23.12 -0.82 0.00	24.45 -0.89 0.00	29.09 -1.05 0.00	35.59 -1.25 0.19	47.43 -1.74 0.00	51.98 -1.95 0.00	46.36 -1.72 0.00	41.18 -1.52 0.00	41.35 -1.56 0.00

SITHE___BATAVIA 24024	34.58 -0.04 0.00	33.54 -0.03 0.00	29.18 0.00 0.00	28.15 -0.15 0.00	27.78 -0.25 0.00	32.43 0.06 0.00	33.02 -0.23 0.00	30.93 -0.52 0.00	23.24 -0.49 0.00	33.47 -0.74 0.00	34.99 -0.43 0.00	35.64 0.19 0.00	33.83 0.17 0.00	30.36 0.12 0.00	27.70 0.03 0.00	23.70 -0.24 0.00	24.83 -0.51 0.00	29.62 -0.51 0.00	36.70 -0.33 0.00	48.68 -0.49 0.00	53.56 -0.38 0.00	47.72 -0.36 0.00	42.30 -0.40 0.00	42.89 -0.02 0.00
SITHE___INDEPEND 23800	33.47 -1.15 0.00	32.42 -1.15 0.00	28.17 -1.01 0.00	27.31 -0.99 0.00	27.05 -0.98 0.00	31.28 -1.08 0.00	32.12 -1.13 0.00	30.36 -1.10 0.00	22.85 -0.88 0.00	32.95 -1.26 0.00	34.12 -1.30 0.00	34.20 -1.25 0.00	32.49 -1.17 0.00	29.19 -1.04 0.00	26.71 -0.96 0.00	23.12 -0.82 0.00	24.45 -0.89 0.00	29.09 -1.05 0.00	35.59 -1.25 0.19	47.43 -1.74 0.00	51.99 -1.95 0.00	46.36 -1.72 0.00	41.19 -1.52 0.00	41.36 -1.56 0.00
SITHE___MASSENA 23902	34.66 0.05 0.00	33.94 0.38 0.00	29.52 0.34 0.00	28.55 0.25 0.00	28.22 0.19 0.00	32.64 0.28 0.00	33.54 0.29 0.00	31.74 0.28 0.00	23.97 0.25 0.00	34.48 0.28 0.00	35.93 0.51 0.00	36.08 0.63 0.00	34.26 0.61 0.00	30.76 0.53 0.00	28.17 0.50 0.00	24.33 0.39 0.00	25.71 0.38 0.00	30.61 0.47 0.00	37.73 0.70 0.00	50.38 1.21 0.00	55.37 1.44 0.00	49.36 1.28 0.00	43.74 1.03 0.00	44.23 1.32 0.00
SITHE___OGDNSBRG 24021	35.41 0.79 0.00	34.67 1.11 0.00	30.12 0.94 0.00	29.12 0.83 0.00	28.76 0.73 0.00	33.31 0.95 0.00	34.25 0.99 0.00	32.21 0.75 0.00	24.14 0.41 0.00	34.60 0.39 0.00	36.06 0.64 0.00	36.20 0.75 0.00	34.33 0.68 0.00	30.73 0.50 0.00	28.15 0.48 0.00	24.30 0.36 0.00	25.70 0.37 0.00	30.56 0.42 0.00	37.73 0.70 0.00	50.88 1.72 0.00	56.45 2.52 0.00	50.39 2.31 0.00	44.69 1.99 0.00	45.24 2.33 0.00
SITHE___STERLING 23777	35.44 0.83 0.00	34.30 0.74 0.00	29.78 0.60 0.00	28.87 0.57 0.00	28.60 0.58 0.00	33.13 0.76 0.00	34.09 0.84 0.00	32.11 0.66 0.00	24.04 0.31 0.00	34.56 0.34 0.00	35.73 0.31 0.00	35.78 0.33 0.00	34.00 0.35 0.00	30.59 0.36 0.00	28.02 0.36 0.00	24.24 0.31 0.00	25.66 0.32 0.00	30.56 0.42 0.00	37.75 0.71 -0.01	50.35 1.19 0.00	55.39 1.46 0.00	49.40 1.32 0.00	43.79 1.08 0.00	43.85 0.94 0.00
SLEIGHT__34_KV_TB1 80719	34.12 -0.49 0.00	33.05 -0.52 0.00	28.68 -0.50 0.00	27.76 -0.54 0.00	27.46 -0.56 0.00	31.89 -0.47 0.00	32.71 -0.54 0.00	30.84 -0.61 0.00	23.16 -0.57 0.00	33.40 -0.81 0.00	34.67 -0.74 0.00	34.95 -0.50 0.00	33.23 -0.42 0.00	29.87 -0.36 0.00	27.30 -0.37 0.00	23.52 -0.42 0.00	24.88 -0.45 0.00	29.63 -0.51 0.00	36.61 -0.42 -0.01	48.63 -0.53 0.00	53.25 -0.68 0.00	47.39 -0.69 0.00	42.05 -0.66 0.00	42.26 -0.65 0.00
SMITHTWN_69_KV_BK 1 55830	37.19 2.57 0.00	36.12 2.55 0.00	31.33 2.15 0.00	30.24 1.94 0.00	29.95 1.93 0.00	34.59 2.22 0.00	35.61 2.36 0.00	33.76 2.31 0.00	55.20 1.80 -29.67	37.22 3.01 0.00	40.40 3.40 -1.58	39.05 3.21 -0.40	36.17 2.52 0.00	31.94 1.71 0.00	29.32 1.65 0.00	25.38 1.44 0.00	26.74 1.41 0.00	31.57 1.43 0.00	38.47 1.44 0.00	50.37 1.20 0.00	55.06 1.13 0.00	49.13 1.05 0.00	44.01 1.31 0.00	44.47 1.56 0.00
SOUTH CAIRO___GT 23612	36.08 1.47 0.00	34.94 1.37 0.00	30.42 1.24 0.00	29.59 1.29 0.00	29.34 1.32 0.00	33.79 1.42 0.00	34.66 1.42 0.00	32.89 1.44 0.00	24.71 0.98 0.00	35.51 1.30 0.00	36.43 1.01 0.00	36.22 0.77 0.00	34.27 0.62 0.00	30.68 0.45 0.00	28.06 0.39 0.00	24.34 0.41 0.00	25.92 0.59 0.00	30.94 0.81 0.00	38.24 1.21 0.00	51.18 2.02 0.00	56.30 2.36 0.00	50.10 2.02 0.00	44.38 1.68 0.00	44.47 1.56 0.00
SOUTH HAMPTN___IC 23720	37.21 2.59 0.00	36.09 2.52 0.00	31.27 2.09 0.00	30.17 1.88 0.00	29.89 1.87 0.00	34.53 2.16 0.00	35.60 2.35 0.00	33.84 2.39 0.00	55.32 1.92 -29.67	37.42 3.21 0.00	40.65 3.66 -1.58	39.36 3.51 -0.40	36.38 2.73 0.00	32.12 1.89 0.00	29.55 1.87 0.00	25.58 1.65 0.00	26.97 1.63 0.00	31.91 1.78 0.00	38.83 1.80 0.00	50.78 1.62 0.00	55.66 1.73 0.00	49.85 1.77 0.00	44.58 1.88 0.00	45.08 2.17 0.00
SOUTHDOW_115KV_TB1 355954	34.40 -0.22 0.00	33.33 -0.24 0.00	29.02 -0.15 0.00	28.06 -0.24 0.00	27.67 -0.36 0.00	32.17 -0.20 0.00	33.17 -0.08 0.00	31.18 -0.27 0.00	23.78 0.06 0.00	34.50 0.29 0.00	35.98 0.57 0.00	36.50 1.04 0.00	34.72 1.07 0.00	31.35 1.12 0.00	28.51 0.84 0.00	24.34 0.41 0.00	25.64 0.31 0.00	30.57 0.44 0.00	37.46 0.43 0.00	49.42 0.25 0.00	54.08 0.14 0.00	47.97 -0.11 0.00	42.88 0.17 0.00	43.27 0.36 0.00
SOUTHOLD_69_KV_BK 2 55809	37.12 2.51 0.00	35.99 2.43 0.00	31.19 2.01 0.00	30.09 1.79 0.00	29.81 1.79 0.00	34.45 2.09 0.00	35.55 2.30 0.00	33.86 2.41 0.00	55.36 1.97 -29.67	37.49 3.28 0.00	40.75 3.75 -1.58	39.45 3.60 -0.40	36.44 2.79 0.00	32.16 1.93 0.00	29.61 1.94 0.00	25.65 1.71 0.00	27.06 1.73 0.00	32.11 1.98 0.00	39.00 1.97 0.00	51.02 1.85 0.00	56.16 2.22 0.00	50.51 2.43 0.00	45.21 2.50 0.00	45.75 2.84 0.00
SOUTHOLD___IC 23719	37.12 2.50 0.00	35.99 2.43 0.00	31.19 2.01 0.00	30.09 1.79 0.00	29.81 1.79 0.00	34.45 2.09 0.00	35.55 2.30 0.00	33.86 2.41 0.00	55.36 1.97 -29.67	37.49 3.28 0.00	40.76 3.76 -1.58	39.45 3.61 -0.40	36.44 2.79 0.00	32.16 1.93 0.00	29.61 1.94 0.00	25.65 1.71 0.00	27.06 1.73 0.00	32.11 1.98 0.00	39.00 1.97 0.00	51.02 1.85 0.00	56.16 2.22 0.00	50.51 2.43 0.00	45.21 2.51 0.00	45.75 2.85 0.00
SOUTH_FORK_WT_PWR 323839	36.71 2.10 0.00	35.60 2.03 0.00	30.84 1.66 0.00	29.76 1.46 0.00	29.48 1.46 0.00	34.07 1.71 0.00	35.18 1.93 0.00	33.54 2.09 0.00	55.15 1.75 -29.67	37.15 2.94 0.00	40.42 3.43 -1.58	39.13 3.29 -0.40	36.11 2.46 0.00	31.88 1.65 0.00	29.32 1.65 0.00	25.45 1.51 0.00	26.87 1.53 0.00	31.94 1.81 0.00	38.71 1.68 0.00	50.65 1.48 0.00	55.95 2.01 0.00	50.54 2.46 0.00	45.30 2.59 0.00	45.91 3.00 0.00
SPIERFLS_115KV_TB 1 80737	36.25 1.63 0.00	34.95 1.39 0.00	30.38 1.20 0.00	29.49 1.19 0.00	29.28 1.26 0.00	33.79 1.43 0.00	34.71 1.46 0.00	32.78 1.33 0.00	29.01 0.77 -4.51	35.13 0.92 0.00	35.99 0.58 0.00	35.91 0.46 0.00	33.92 0.27 0.00	30.40 0.17 0.00	27.91 0.23 0.00	24.26 0.33 0.00	25.81 0.48 0.00	30.99 0.86 0.00	38.43 1.40 0.00	51.05 1.88 0.00	56.12 2.18 0.00	50.02 1.94 0.00	44.32 1.61 0.00	44.50 1.59 0.00
ST LAWRENCE____ 23600	34.50 -0.11 0.00	33.55 -0.01 0.00	29.17 -0.01 0.00	28.24 -0.06 0.00	27.91 -0.11 0.00	32.27 -0.09 0.00	33.16 -0.09 0.00	31.35 -0.10 0.00	23.72 -0.01 0.00	34.14 -0.07 0.00	35.48 0.06 0.00	35.62 0.17 0.00	33.85 0.19 0.00	30.42 0.19 0.00	27.86 0.19 0.00	24.06 0.13 0.00	25.44 0.10 0.00	30.31 0.17 0.00	37.32 0.28 0.00	49.74 0.58 0.00	54.59 0.65 0.00	48.65 0.57 0.00	43.08 0.37 0.00	43.52 0.61 0.00

STATE_CA_115KV_115_LB 55624	35.22 0.60 0.00	34.14 0.57 0.00	29.75 0.57 0.00	28.93 0.64 0.00	28.69 0.67 0.00	32.98 0.62 0.00	33.84 0.59 0.00	32.12 0.67 0.00	29.00 0.43 -4.83	34.81 0.60 0.00	35.87 0.45 0.00	35.76 0.31 0.00	33.93 0.28 0.00	30.46 0.23 0.00	27.83 0.16 0.00	24.11 0.17 0.00	25.58 0.25 0.00	30.47 0.33 0.00	37.33 0.31 0.00	49.43 0.27 0.00	54.26 0.32 0.00	48.40 0.31 0.00	42.98 0.28 0.00	43.17 0.26 0.00
STATE_ST_34_KV_LOAD 55959	34.67 0.05 0.00	33.56 0.00 0.00	29.03 -0.15 0.00	28.13 -0.17 0.00	27.90 -0.13 0.00	32.40 0.03 0.00	33.30 0.05 0.00	31.42 -0.04 0.00	23.53 -0.19 0.00	33.89 -0.32 0.00	35.06 -0.35 0.00	35.20 -0.25 0.00	33.48 -0.17 0.00	30.12 -0.11 0.00	27.52 -0.15 0.00	23.70 -0.23 0.00	25.15 -0.18 0.00	29.88 -0.26 0.00	36.91 -0.15 -0.03	49.19 0.02 0.00	53.82 -0.12 0.00	48.10 0.02 0.00	42.76 0.05 0.00	42.86 -0.05 0.00
STATION_5_MISC_HYD 23604	34.28 -0.33 0.00	33.22 -0.34 0.00	28.86 -0.31 0.00	27.91 -0.39 0.00	27.57 -0.45 0.00	32.06 -0.31 0.00	32.82 -0.43 0.00	30.91 -0.55 0.00	23.28 -0.45 0.00	33.67 -0.54 0.00	35.04 -0.38 0.00	35.41 -0.04 0.00	33.66 0.01 0.00	30.27 0.04 0.00	27.66 -0.01 0.00	23.80 -0.14 0.00	25.13 -0.20 0.00	29.94 -0.20 0.00	36.95 -0.08 0.00	48.88 -0.29 0.00	53.47 -0.46 0.00	47.60 -0.48 0.00	42.20 -0.51 0.00	42.53 -0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.25 -0.37 0.00	33.17 -0.39 0.00	28.82 -0.36 0.00	27.90 -0.40 0.00	27.59 -0.44 0.00	32.05 -0.32 0.00	32.87 -0.38 0.00	30.98 -0.48 0.00	23.29 -0.44 0.00	33.61 -0.60 0.00	34.88 -0.54 0.00	35.14 -0.31 0.00	33.45 -0.20 0.00	30.06 -0.17 0.00	27.47 -0.20 0.00	23.66 -0.27 0.00	25.01 -0.32 0.00	29.81 -0.33 0.00	36.84 -0.19 0.00	48.83 -0.34 0.00	53.47 -0.47 0.00	47.60 -0.49 0.00	42.26 -0.45 0.00	42.46 -0.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.09 -0.52 0.00	33.03 -0.53 0.00	28.70 -0.47 0.00	27.76 -0.54 0.00	27.43 -0.60 0.00	31.88 -0.49 0.00	32.64 -0.61 0.00	30.76 -0.70 0.00	23.16 -0.57 0.00	33.49 -0.72 0.00	34.85 -0.57 0.00	35.19 -0.26 0.00	33.45 -0.20 0.00	30.08 -0.15 0.00	27.50 -0.17 0.00	23.67 -0.26 0.00	25.00 -0.33 0.00	29.79 -0.35 0.00	36.77 -0.26 0.00	48.63 -0.53 0.00	53.21 -0.73 0.00	47.36 -0.72 0.00	41.98 -0.73 0.00	42.28 -0.63 0.00
STA_56___34_KV_BUS2 355983	34.09 -0.52 0.00	33.03 -0.53 0.00	28.70 -0.47 0.00	27.76 -0.54 0.00	27.43 -0.60 0.00	31.88 -0.49 0.00	32.64 -0.61 0.00	30.76 -0.70 0.00	23.16 -0.57 0.00	33.49 -0.72 0.00	34.85 -0.57 0.00	35.19 -0.26 0.00	33.45 -0.20 0.00	30.08 -0.15 0.00	27.50 -0.17 0.00	23.67 -0.26 0.00	25.00 -0.33 0.00	29.79 -0.35 0.00	36.77 -0.26 0.00	48.63 -0.53 0.00	53.21 -0.73 0.00	47.36 -0.72 0.00	41.98 -0.73 0.00	42.28 -0.63 0.00
STA_67___115KV_BK2 355882	34.21 -0.41 0.00	33.15 -0.42 0.00	28.81 -0.37 0.00	27.85 -0.45 0.00	27.52 -0.50 0.00	32.00 -0.37 0.00	32.75 -0.50 0.00	30.85 -0.60 0.00	23.23 -0.50 0.00	33.59 -0.62 0.00	34.95 -0.47 0.00	35.31 -0.14 0.00	33.57 -0.08 0.00	30.18 -0.05 0.00	27.58 -0.09 0.00	23.73 -0.20 0.00	25.06 -0.27 0.00	29.85 -0.29 0.00	36.84 -0.19 0.00	48.72 -0.44 0.00	53.34 -0.60 0.00	47.48 -0.61 0.00	42.08 -0.63 0.00	42.42 -0.48 0.00
STA_7___115KV_9TRANS 80674	34.46 -0.15 0.00	33.38 -0.18 0.00	29.00 -0.18 0.00	28.03 -0.27 0.00	27.70 -0.33 0.00	32.20 -0.16 0.00	32.96 -0.29 0.00	31.06 -0.40 0.00	23.40 -0.33 0.00	33.84 -0.37 0.00	35.25 -0.16 0.00	35.60 0.15 0.00	33.86 0.21 0.00	30.45 0.22 0.00	27.83 0.16 0.00	23.94 0.01 0.00	25.29 -0.04 0.00	30.13 0.00 0.00	37.23 0.20 0.00	49.23 0.07 0.00	53.84 -0.10 0.00	47.91 -0.17 0.00	42.45 -0.26 0.00	42.76 -0.15 0.00
STA_82___115KV_TB1 80780	34.21 -0.41 0.00	33.15 -0.41 0.00	28.81 -0.37 0.00	27.86 -0.44 0.00	27.53 -0.50 0.00	32.00 -0.37 0.00	32.76 -0.49 0.00	30.85 -0.60 0.00	23.23 -0.50 0.00	33.59 -0.62 0.00	34.95 -0.47 0.00	35.31 -0.14 0.00	33.56 -0.09 0.00	30.18 -0.05 0.00	27.58 -0.09 0.00	23.73 -0.21 0.00	25.06 -0.28 0.00	29.85 -0.29 0.00	36.84 -0.19 0.00	48.72 -0.44 0.00	53.34 -0.60 0.00	47.50 -0.58 0.00	42.10 -0.61 0.00	42.44 -0.47 0.00
STEEL___WIND 323596	33.77 -0.84 0.00	32.78 -0.78 0.00	28.54 -0.64 0.00	27.55 -0.75 0.00	27.15 -0.87 0.00	31.71 -0.66 0.00	32.27 -0.98 0.00	30.21 -1.24 0.00	22.86 -0.87 0.00	33.14 -1.07 0.00	34.58 -0.83 0.00	35.25 -0.20 0.00	33.56 -0.09 0.00	30.24 0.01 0.00	27.54 -0.13 0.00	23.52 -0.42 0.00	24.72 -0.61 0.00	29.44 -0.69 0.00	36.31 -0.72 0.00	47.81 -1.36 0.00	52.36 -1.58 0.00	46.67 -1.42 0.00	41.49 -1.22 0.00	42.14 -0.77 0.00
STEPHTWN_115KV_BK_2 55603	35.36 0.74 0.00	34.22 0.65 0.00	29.82 0.64 0.00	29.00 0.70 0.00	28.76 0.74 0.00	33.13 0.76 0.00	34.02 0.77 0.00	32.25 0.79 0.00	29.29 0.63 -4.93	35.01 0.80 0.00	36.09 0.67 0.00	35.96 0.51 0.00	34.12 0.47 0.00	30.60 0.38 0.00	27.93 0.26 0.00	24.20 0.26 0.00	25.69 0.36 0.00	30.66 0.52 0.00	37.61 0.58 0.00	49.78 0.61 0.00	54.50 0.56 0.00	48.56 0.48 0.00	43.16 0.46 0.00	43.39 0.48 0.00
STEUBEN_REC_LFGE 323667	33.79 -0.83 0.00	32.89 -0.67 0.00	28.72 -0.46 0.00	27.81 -0.48 0.00	27.56 -0.46 0.00	32.13 -0.23 0.00	32.86 -0.39 0.00	30.68 -0.77 0.00	22.90 -0.83 0.00	33.13 -1.08 0.00	34.44 -0.98 0.00	34.69 -0.76 0.00	33.19 -0.46 0.00	30.04 -0.19 0.00	27.48 -0.19 0.00	23.43 -0.51 0.00	24.86 -0.48 0.00	29.56 -0.58 0.00	36.65 -0.39 -0.01	48.82 -0.34 0.00	53.78 -0.16 0.00	47.85 -0.24 0.00	42.78 0.07 0.00	43.14 0.22 0.00
STILLWATER___SOLAR 323814	36.20 1.59 0.00	34.97 1.41 0.00	30.40 1.22 0.00	29.52 1.23 0.00	29.31 1.28 0.00	33.77 1.41 0.00	34.69 1.44 0.00	32.80 1.34 0.00	29.17 0.82 -4.62	35.27 1.06 0.00	36.26 0.85 0.00	36.16 0.70 0.00	34.24 0.59 0.00	30.72 0.49 0.00	28.16 0.49 0.00	24.42 0.49 0.00	25.95 0.62 0.00	31.07 0.93 0.00	38.32 1.29 0.00	50.89 1.73 0.00	55.90 1.97 0.00	49.84 1.76 0.00	44.21 1.50 0.00	44.39 1.48 0.00
STONY___BROOK 24151	37.11 2.49 0.00	36.05 2.48 0.00	31.27 2.09 0.00	30.18 1.89 0.00	29.90 1.87 0.00	34.53 2.16 0.00	35.55 2.30 0.00	33.71 2.26 0.00	55.16 1.76 -29.67	37.16 2.95 0.00	40.33 3.34 -1.58	38.98 3.13 -0.40	36.10 2.44 0.00	31.87 1.64 0.00	29.23 1.56 0.00	25.29 1.35 0.00	26.65 1.32 0.00	31.44 1.31 0.00	38.32 1.29 0.00	50.16 0.99 0.00	54.83 0.90 0.00	48.94 0.86 0.00	43.87 1.16 0.00	44.35 1.44 0.00
STURGEON_POOL_HYD 23609	36.09 1.47 0.00	35.00 1.43 0.00	30.37 1.20 0.00	29.43 1.13 0.00	29.17 1.14 0.00	33.64 1.28 0.00	34.66 1.41 0.00	32.90 1.45 0.00	24.78 1.05 0.00	35.86 1.65 0.00	37.14 1.72 0.00	37.05 1.60 0.00	35.08 1.43 0.00	31.45 1.22 0.00	28.81 1.14 0.00	24.95 1.01 0.00	26.42 1.09 0.00	31.29 1.16 0.00	38.22 1.19 0.00	50.35 1.19 0.00	55.22 1.28 0.00	49.32 1.23 0.00	44.00 1.30 0.00	44.05 1.14 0.00

ST_LAW_115_BK7_LBMP 345037	34.50 -0.12 0.00	33.56 0.00 0.00	29.19 0.01 0.00	28.25 -0.05 0.00	27.91 -0.11 0.00	32.28 -0.08 0.00	33.17 -0.08 0.00	31.36 -0.09 0.00	23.72 0.00 0.00	34.14 -0.07 0.00	35.49 0.08 0.00	35.62 0.17 0.00	33.86 0.21 0.00	30.42 0.19 0.00	27.87 0.20 0.00	24.07 0.13 0.00	25.44 0.10 0.00	30.31 0.17 0.00	37.33 0.30 0.00	49.77 0.61 0.00	54.64 0.70 0.00	48.70 0.62 0.00	43.12 0.41 0.00	43.58 0.67 0.00
ST_LAW_115_BK8_LBMP 345038	34.50 -0.12 0.00	33.56 0.00 0.00	29.19 0.01 0.00	28.25 -0.05 0.00	27.91 -0.11 0.00	32.28 -0.08 0.00	33.17 -0.08 0.00	31.36 -0.09 0.00	23.72 0.00 0.00	34.14 -0.07 0.00	35.49 0.08 0.00	35.62 0.17 0.00	33.86 0.21 0.00	30.42 0.19 0.00	27.87 0.20 0.00	24.07 0.13 0.00	25.44 0.10 0.00	30.31 0.17 0.00	37.33 0.30 0.00	49.77 0.61 0.00	54.64 0.70 0.00	48.70 0.62 0.00	43.12 0.41 0.00	43.58 0.67 0.00
ST_LAW_230_BK5_LBMP 345035	34.50 -0.11 0.00	33.55 -0.01 0.00	29.17 -0.01 0.00	28.24 -0.06 0.00	27.91 -0.11 0.00	32.27 -0.09 0.00	33.16 -0.09 0.00	31.35 -0.10 0.00	23.72 -0.01 0.00	34.14 -0.07 0.00	35.48 0.06 0.00	35.62 0.17 0.00	33.85 0.19 0.00	30.42 0.19 0.00	27.86 0.19 0.00	24.06 0.13 0.00	25.44 0.10 0.00	30.31 0.17 0.00	37.32 0.28 0.00	49.74 0.58 0.00	54.59 0.65 0.00	48.65 0.57 0.00	43.08 0.37 0.00	43.52 0.61 0.00
ST_LAW_230_BK6_LBMP 345036	34.50 -0.11 0.00	33.55 -0.01 0.00	29.17 -0.01 0.00	28.24 -0.06 0.00	27.91 -0.11 0.00	32.27 -0.09 0.00	33.16 -0.09 0.00	31.35 -0.10 0.00	23.72 -0.01 0.00	34.14 -0.07 0.00	35.48 0.06 0.00	35.62 0.17 0.00	33.85 0.19 0.00	30.42 0.19 0.00	27.86 0.19 0.00	24.06 0.13 0.00	25.44 0.10 0.00	30.31 0.17 0.00	37.32 0.28 0.00	49.74 0.58 0.00	54.59 0.65 0.00	48.65 0.57 0.00	43.08 0.37 0.00	43.52 0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.98 1.37 0.00	34.92 1.35 0.00	30.32 1.14 0.00	29.35 1.05 0.00	29.08 1.06 0.00	33.58 1.21 0.00	34.62 1.37 0.00	32.79 1.34 0.00	-3.06 0.94 27.73	35.72 1.51 0.00	36.99 1.58 0.00	36.96 1.51 0.00	35.02 1.37 0.00	31.41 1.18 0.00	28.75 1.08 0.00	24.88 0.94 0.00	26.35 1.02 0.00	31.17 1.04 0.00	38.10 1.07 0.00	50.23 1.06 0.00	55.12 1.18 0.00	49.18 1.10 0.00	43.91 1.20 0.00	44.00 1.10 0.00
SWANROAD_115KV_TB1 355699	33.27 -1.35 0.00	32.34 -1.22 0.00	28.19 -0.99 0.00	27.19 -1.11 0.00	26.80 -1.23 0.00	31.29 -1.07 0.00	31.66 -1.59 0.00	29.61 -1.84 0.00	22.39 -1.34 0.00	32.38 -1.83 0.00	33.85 -1.57 0.00	34.56 -0.89 0.00	32.87 -0.78 0.00	29.60 -0.63 0.00	26.96 -0.71 0.00	22.99 -0.95 0.00	24.00 -1.33 0.00	28.58 -1.56 0.00	35.22 -1.81 0.00	46.30 -2.86 0.00	50.77 -3.17 0.00	45.32 -2.76 0.00	40.29 -2.42 0.00	41.18 -1.73 0.00
SYNERGY___BIOGAS 323694	34.58 -0.04 0.00	33.54 -0.03 0.00	29.18 0.00 0.00	28.15 -0.14 0.00	27.78 -0.25 0.00	32.43 0.06 0.00	33.01 -0.24 0.00	30.95 -0.51 0.00	23.24 -0.48 0.00	33.47 -0.74 0.00	35.01 -0.40 0.00	35.63 0.18 0.00	33.83 0.17 0.00	30.36 0.12 0.00	27.70 0.03 0.00	23.70 -0.24 0.00	24.83 -0.50 0.00	29.63 -0.50 0.00	36.70 -0.33 0.00	48.68 -0.49 0.00	53.56 -0.38 0.00	47.73 -0.35 0.00	42.30 -0.40 0.00	42.89 -0.02 0.00
SYRACUSE___ENERGY_ST1 323597	34.30 -0.32 0.00	33.22 -0.35 0.00	28.84 -0.34 0.00	27.96 -0.34 0.00	27.70 -0.33 0.00	32.08 -0.29 0.00	32.95 -0.30 0.00	31.12 -0.33 0.00	23.39 -0.34 0.00	33.72 -0.49 0.00	34.90 -0.52 0.00	35.00 -0.45 0.00	33.27 -0.38 0.00	29.91 -0.32 0.00	27.36 -0.31 0.00	23.66 -0.27 0.00	25.05 -0.28 0.00	29.81 -0.32 0.00	36.76 -0.31 -0.03	48.72 -0.45 0.00	53.38 -0.56 0.00	47.59 -0.49 0.00	42.25 -0.45 0.00	42.37 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	34.30 -0.32 0.00	33.22 -0.35 0.00	28.84 -0.34 0.00	27.96 -0.34 0.00	27.70 -0.33 0.00	32.08 -0.29 0.00	32.95 -0.30 0.00	31.12 -0.33 0.00	23.39 -0.34 0.00	33.72 -0.49 0.00	34.90 -0.52 0.00	35.00 -0.45 0.00	33.27 -0.38 0.00	29.91 -0.32 0.00	27.36 -0.31 0.00	23.66 -0.27 0.00	25.05 -0.28 0.00	29.81 -0.32 0.00	36.76 -0.31 -0.03	48.72 -0.45 0.00	53.38 -0.56 0.00	47.59 -0.49 0.00	42.25 -0.45 0.00	42.37 -0.54 0.00
SYRACUSE___POWER 24017	34.28 -0.34 0.00	33.19 -0.38 0.00	28.83 -0.35 0.00	27.95 -0.35 0.00	27.68 -0.35 0.00	32.04 -0.33 0.00	32.93 -0.33 0.00	31.10 -0.36 0.00	23.37 -0.36 0.00	33.69 -0.52 0.00	34.88 -0.54 0.00	34.97 -0.48 0.00	33.24 -0.41 0.00	29.89 -0.34 0.00	27.34 -0.33 0.00	23.66 -0.27 0.00	25.04 -0.29 0.00	29.81 -0.33 0.00	36.74 -0.31 -0.02	48.71 -0.46 0.00	53.39 -0.55 0.00	47.57 -0.51 0.00	42.25 -0.46 0.00	42.35 -0.56 0.00
TALLMAN__138KV_BK151 55660	36.19 1.58 0.00	35.15 1.59 0.00	30.50 1.32 0.00	29.52 1.22 0.00	29.25 1.22 0.00	33.77 1.40 0.00	34.86 1.61 0.00	33.01 1.55 0.00	-12.56 1.08 37.38	35.96 1.75 0.00	37.28 1.86 0.00	37.24 1.78 0.00	35.29 1.64 0.00	31.65 1.42 0.00	28.97 1.30 0.00	25.07 1.14 0.00	26.55 1.22 0.00	31.36 1.23 0.00	38.26 1.24 0.00	50.35 1.18 0.00	55.27 1.33 0.00	49.36 1.27 0.00	44.12 1.41 0.00	44.22 1.31 0.00
TEALLAVE_115KV_TB7 355573	34.07 -0.55 0.00	32.99 -0.58 0.00	28.66 -0.52 0.00	27.78 -0.52 0.00	27.51 -0.52 0.00	31.83 -0.53 0.00	32.72 -0.53 0.00	30.91 -0.55 0.00	23.24 -0.48 0.00	33.53 -0.68 0.00	34.72 -0.69 0.00	34.82 -0.63 0.00	33.09 -0.56 0.00	29.75 -0.48 0.00	27.22 -0.46 0.00	23.55 -0.38 0.00	24.91 -0.42 0.00	29.65 -0.49 0.00	36.52 -0.53 -0.02	48.39 -0.78 0.00	53.03 -0.91 0.00	47.26 -0.82 0.00	41.98 -0.73 0.00	42.09 -0.82 0.00
TELGRAPH_34_KV_EAST 80808	33.90 -0.71 0.00	32.93 -0.64 0.00	28.66 -0.52 0.00	27.65 -0.65 0.00	27.27 -0.76 0.00	31.83 -0.53 0.00	32.31 -0.94 0.00	30.28 -1.18 0.00	22.84 -0.89 0.00	32.99 -1.22 0.00	34.48 -0.93 0.00	35.13 -0.32 0.00	33.40 -0.26 0.00	30.05 -0.18 0.00	27.37 -0.30 0.00	23.40 -0.54 0.00	24.51 -0.83 0.00	29.22 -0.92 0.00	36.07 -0.96 0.00	47.56 -1.61 0.00	52.19 -1.75 0.00	46.54 -1.54 0.00	41.33 -1.38 0.00	42.07 -0.84 0.00
TEMPLE___115KV_TB 2 55572	34.08 -0.53 0.00	33.00 -0.57 0.00	28.67 -0.51 0.00	27.79 -0.51 0.00	27.52 -0.51 0.00	31.85 -0.51 0.00	32.73 -0.52 0.00	30.91 -0.54 0.00	23.25 -0.47 0.00	33.55 -0.66 0.00	34.75 -0.67 0.00	34.84 -0.61 0.00	33.12 -0.53 0.00	29.77 -0.45 0.00	27.23 -0.44 0.00	23.57 -0.37 0.00	24.94 -0.40 0.00	29.68 -0.46 0.00	36.54 -0.51 -0.02	48.41 -0.76 0.00	53.06 -0.88 0.00	47.28 -0.80 0.00	41.99 -0.72 0.00	42.09 -0.82 0.00
TIANA____69_KV_BK 1 55817	37.20 2.59 0.00	36.08 2.52 0.00	31.28 2.10 0.00	30.18 1.88 0.00	29.90 1.87 0.00	34.53 2.16 0.00	35.59 2.35 0.00	33.81 2.35 0.00	55.28 1.88 -29.67	37.37 3.16 0.00	40.58 3.59 -1.58	39.28 3.43 -0.40	36.34 2.69 0.00	32.06 1.83 0.00	29.48 1.81 0.00	25.53 1.60 0.00	26.89 1.56 0.00	31.81 1.67 0.00	38.72 1.70 0.00	50.65 1.48 0.00	55.45 1.51 0.00	49.59 1.51 0.00	44.35 1.64 0.00	44.83 1.92 0.00

TILDEN___115KV_TB1 80814	34.28 -0.34 0.00	33.19 -0.38 0.00	28.83 -0.35 0.00	27.95 -0.35 0.00	27.68 -0.35 0.00	32.04 -0.33 0.00	32.93 -0.33 0.00	31.10 -0.36 0.00	23.37 -0.36 0.00	33.69 -0.52 0.00	34.88 -0.54 0.00	34.97 -0.48 0.00	33.24 -0.41 0.00	29.89 -0.34 0.00	27.34 -0.33 0.00	23.66 -0.27 0.00	25.04 -0.29 0.00	29.81 -0.33 0.00	36.74 -0.31 -0.02	48.71 -0.46 0.00	53.39 -0.55 0.00	47.57 -0.51 0.00	42.25 -0.46 0.00	42.35 -0.56 0.00
TRIGEN___CC 323695	36.74 2.12 0.00	35.65 2.08 0.00	30.92 1.74 0.00	29.89 1.59 0.00	29.62 1.59 0.00	34.21 1.84 0.00	35.26 2.01 0.00	33.42 1.97 0.00	54.88 1.48 -29.67	36.60 2.38 0.00	39.63 2.64 -1.58	38.34 2.49 -0.40	35.70 2.05 0.00	31.79 1.56 0.00	29.20 1.53 0.00	25.28 1.34 0.00	26.69 1.36 0.00	31.51 1.37 0.00	38.38 1.35 0.00	50.42 1.26 0.00	55.20 1.26 0.00	49.28 1.19 0.00	44.10 1.39 0.00	44.36 1.45 0.00
TRINITY__115KV__4 BK 55933	35.09 0.47 0.00	34.01 0.44 0.00	29.64 0.46 0.00	28.83 0.53 0.00	28.59 0.57 0.00	32.87 0.50 0.00	33.71 0.46 0.00	31.99 0.54 0.00	29.00 0.35 -4.93	34.69 0.47 0.00	35.72 0.31 0.00	35.60 0.15 0.00	33.76 0.11 0.00	30.31 0.08 0.00	27.71 0.04 0.00	24.00 0.06 0.00	25.44 0.11 0.00	30.30 0.16 0.00	37.10 0.07 0.00	49.14 -0.03 0.00	53.96 0.02 0.00	48.15 0.07 0.00	42.77 0.06 0.00	42.97 0.06 0.00
UNION___PROCESSING_DRP 323587	34.21 -0.40 0.00	33.16 -0.41 0.00	28.82 -0.36 0.00	27.86 -0.44 0.00	27.54 -0.49 0.00	32.01 -0.36 0.00	32.76 -0.49 0.00	30.86 -0.60 0.00	23.23 -0.50 0.00	33.59 -0.62 0.00	34.95 -0.46 0.00	35.31 -0.14 0.00	33.58 -0.07 0.00	30.19 -0.04 0.00	27.58 -0.09 0.00	23.74 -0.20 0.00	25.06 -0.27 0.00	29.85 -0.29 0.00	36.85 -0.18 0.00	48.74 -0.43 0.00	53.36 -0.58 0.00	47.50 -0.58 0.00	42.11 -0.59 0.00	42.45 -0.46 0.00
UPPER HUDSON___HYD 24058	36.25 1.64 0.00	34.95 1.39 0.00	30.38 1.20 0.00	29.49 1.19 0.00	29.28 1.26 0.00	33.79 1.43 0.00	34.71 1.46 0.00	32.78 1.33 0.00	29.01 0.77 -4.51	35.13 0.92 0.00	35.99 0.58 0.00	35.91 0.45 0.00	33.92 0.27 0.00	30.40 0.17 0.00	27.91 0.23 0.00	24.26 0.33 0.00	25.81 0.48 0.00	30.99 0.86 0.00	38.43 1.40 0.00	51.05 1.88 0.00	56.12 2.18 0.00	50.02 1.94 0.00	44.32 1.61 0.00	44.50 1.59 0.00
UPPER RAQUET___HYD 24056	35.08 0.46 0.00	34.25 0.69 0.00	29.76 0.58 0.00	28.76 0.46 0.00	28.40 0.38 0.00	32.88 0.52 0.00	33.81 0.56 0.00	31.93 0.48 0.00	24.04 0.31 0.00	34.50 0.29 0.00	35.94 0.52 0.00	36.04 0.59 0.00	34.08 0.43 0.00	30.36 0.13 0.00	27.81 0.14 0.00	24.00 0.06 0.00	25.36 0.03 0.00	30.09 -0.05 0.00	37.17 0.14 0.00	49.89 0.73 0.00	55.10 1.16 0.00	49.23 1.15 0.00	43.88 1.18 0.00	44.55 1.64 0.00
VALLEY44_115KV_TB2 355964	34.22 -0.40 0.00	33.19 -0.38 0.00	28.86 -0.32 0.00	27.92 -0.38 0.00	27.57 -0.46 0.00	32.16 -0.20 0.00	32.89 -0.36 0.00	30.89 -0.56 0.00	23.28 -0.45 0.00	33.70 -0.51 0.00	35.03 -0.39 0.00	35.42 -0.04 0.00	33.70 0.05 0.00	30.32 0.09 0.00	27.58 -0.09 0.00	23.66 -0.28 0.00	25.05 -0.28 0.00	29.79 -0.35 0.00	36.62 -0.41 0.00	48.19 -0.98 0.00	52.73 -1.21 0.00	47.08 -1.00 0.00	42.00 -0.71 0.00	42.26 -0.65 0.00
VALLEY___115KV_TB 1-4 80826	34.93 0.31 0.00	33.82 0.25 0.00	29.32 0.15 0.00	28.51 0.21 0.00	28.34 0.31 0.00	32.74 0.37 0.00	33.63 0.38 0.00	31.74 0.28 0.00	23.66 -0.07 0.00	34.01 -0.20 0.00	35.01 -0.41 0.00	35.03 -0.42 0.00	33.16 -0.49 0.00	29.77 -0.46 0.00	27.31 -0.36 0.00	23.62 -0.32 0.00	25.06 -0.27 0.00	29.94 -0.20 0.00	37.03 0.00 0.00	49.22 0.06 0.00	54.06 0.12 0.00	48.18 0.10 0.00	42.88 0.17 0.00	42.86 -0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.72 1.10 0.00	34.62 1.06 0.00	30.04 0.87 0.00	29.10 0.81 0.00	28.83 0.80 0.00	33.39 1.02 0.00	34.38 1.14 0.00	32.45 1.00 0.00	20.01 0.71 4.43	35.32 1.11 0.00	36.63 1.21 0.00	36.72 1.27 0.00	34.89 1.24 0.00	31.31 1.08 0.00	28.65 0.98 0.00	24.78 0.84 0.00	26.28 0.94 0.00	31.26 1.12 0.00	38.42 1.39 -0.01	50.92 1.76 0.00	55.75 1.81 0.00	49.64 1.56 0.00	44.12 1.42 0.00	44.20 1.29 0.00
VISCHER___FERRY HYD 24020	35.76 1.14 0.00	34.59 1.02 0.00	30.09 0.91 0.00	29.25 0.95 0.00	29.03 1.00 0.00	33.39 1.02 0.00	34.28 1.03 0.00	32.49 1.04 0.00	29.32 0.66 -4.93	35.11 0.90 0.00	36.16 0.74 0.00	36.00 0.55 0.00	34.11 0.46 0.00	30.62 0.39 0.00	28.04 0.37 0.00	24.28 0.35 0.00	25.74 0.41 0.00	30.74 0.60 0.00	37.72 0.69 0.00	50.02 0.86 0.00	54.96 1.02 0.00	49.05 0.97 0.00	43.55 0.84 0.00	43.73 0.82 0.00
V_A_10_SYNC_DSASP 323832	33.56 -1.06 0.00	32.60 -0.97 0.00	28.39 -0.79 0.00	27.41 -0.89 0.00	27.03 -0.99 0.00	31.51 -0.85 0.00	32.08 -1.17 0.00	30.10 -1.35 0.00	22.73 -0.99 0.00	32.91 -1.31 0.00	34.34 -1.08 0.00	34.91 -0.54 0.00	33.20 -0.45 0.00	29.90 -0.33 0.00	27.26 -0.41 0.00	23.33 -0.61 0.00	24.52 -0.81 0.00	29.20 -0.94 0.00	35.97 -1.06 0.00	47.30 -1.86 0.00	51.76 -2.18 0.00	46.15 -1.93 0.00	41.02 -1.69 0.00	41.68 -1.23 0.00
V_CMM_10_SYNC_DSASP 323787	34.75 0.13 0.00	33.74 0.18 0.00	29.34 0.16 0.00	28.39 0.10 0.00	28.05 0.03 0.00	32.44 0.08 0.00	33.34 0.09 0.00	31.52 0.06 0.00	23.84 0.11 0.00	34.30 0.08 0.00	35.66 0.25 0.00	35.80 0.35 0.00	34.03 0.38 0.00	30.58 0.35 0.00	28.01 0.34 0.00	24.19 0.25 0.00	25.57 0.23 0.00	30.46 0.33 0.00	37.53 0.50 0.00	50.04 0.88 0.00	54.95 1.01 0.00	48.95 0.87 0.00	43.34 0.63 0.00	43.81 0.90 0.00
V_CMP_10_SYNC_DSASP 323788	35.53 0.91 0.00	34.31 0.75 0.00	29.80 0.63 0.00	28.85 0.56 0.00	28.48 0.45 0.00	32.82 0.46 0.00	33.77 0.52 0.00	31.94 0.49 0.00	24.18 0.45 0.00	34.79 0.57 0.00	36.22 0.81 0.00	36.30 0.85 0.00	34.49 0.84 0.00	31.00 0.77 0.00	28.42 0.75 0.00	24.60 0.66 0.00	25.94 0.60 0.00	31.02 0.88 0.00	38.24 1.21 0.00	51.03 1.87 0.00	56.05 2.11 0.00	50.02 1.93 0.00	44.25 1.54 0.00	44.54 1.63 0.00
V_D_10_SYNC_DSASP 323841	34.66 0.04 0.00	33.94 0.37 0.00	29.51 0.33 0.00	28.55 0.25 0.00	28.22 0.19 0.00	32.64 0.27 0.00	33.54 0.29 0.00	31.73 0.28 0.00	23.97 0.24 0.00	34.47 0.26 0.00	35.92 0.50 0.00	36.08 0.62 0.00	34.26 0.61 0.00	30.76 0.53 0.00	28.17 0.49 0.00	24.33 0.39 0.00	25.71 0.37 0.00	30.61 0.47 0.00	37.73 0.70 0.00	50.37 1.21 0.00	55.36 1.42 0.00	49.35 1.26 0.00	43.73 1.02 0.00	44.22 1.31 0.00
V_E_10_SYNC_DSASP 323830	36.49 1.87 0.00	35.55 1.98 0.00	30.78 1.60 0.00	29.79 1.49 0.00	29.50 1.47 0.00	34.37 2.00 0.00	35.32 2.07 0.00	33.24 1.79 0.00	24.81 1.08 0.00	35.62 1.40 0.00	36.82 1.41 0.00	36.92 1.47 0.00	35.13 1.47 0.00	31.57 1.34 0.00	28.88 1.21 0.00	24.98 1.05 0.00	26.52 1.19 0.00	31.61 1.47 0.00	38.96 1.91 -0.01	52.24 3.08 0.00	57.42 3.48 0.00	51.08 2.99 0.00	45.27 2.56 0.00	45.29 2.38 0.00

V_F_30_NSYNC___DSASP 323816	36.23 1.61 0.00	35.01 1.44 0.00	30.43 1.25 0.00	29.55 1.25 0.00	29.32 1.29 0.00	33.81 1.44 0.00	34.72 1.47 0.00	32.83 1.38 0.00	29.16 0.86 -4.57	35.34 1.12 0.00	36.35 0.94 0.00	36.26 0.81 0.00	34.34 0.69 0.00	30.82 0.58 0.00	28.24 0.57 0.00	24.49 0.55 0.00	26.02 0.69 0.00	31.14 1.00 0.00	38.41 1.38 0.00	51.00 1.83 0.00	55.99 2.05 0.00	49.90 1.82 0.00	44.28 1.57 0.00	44.46 1.55 0.00
V_F_30_SYNC_DSASP 323786	35.22 0.60 0.00	34.14 0.57 0.00	29.75 0.57 0.00	28.93 0.64 0.00	28.69 0.66 0.00	32.98 0.61 0.00	33.84 0.59 0.00	32.12 0.67 0.00	29.00 0.43 -4.84	34.81 0.60 0.00	35.87 0.45 0.00	35.76 0.31 0.00	33.93 0.28 0.00	30.45 0.22 0.00	27.83 0.16 0.00	24.11 0.17 0.00	25.58 0.24 0.00	30.46 0.33 0.00	37.33 0.30 0.00	49.43 0.27 0.00	54.25 0.32 0.00	48.40 0.31 0.00	42.98 0.28 0.00	43.17 0.26 0.00
V_XM_10_SYNC_DSASP 323789	35.53 0.91 0.00	34.31 0.75 0.00	29.80 0.63 0.00	28.85 0.56 0.00	28.48 0.45 0.00	32.82 0.46 0.00	33.77 0.52 0.00	31.94 0.49 0.00	24.18 0.45 0.00	34.79 0.57 0.00	36.22 0.81 0.00	36.30 0.85 0.00	34.49 0.84 0.00	31.00 0.77 0.00	28.42 0.75 0.00	24.60 0.66 0.00	25.94 0.60 0.00	31.02 0.88 0.00	38.24 1.21 0.00	51.03 1.87 0.00	56.05 2.11 0.00	50.02 1.93 0.00	44.25 1.54 0.00	44.54 1.63 0.00
W.BABYLN_69_KV_BK1 56697	37.41 2.79 0.00	36.31 2.75 0.00	31.49 2.32 0.00	30.41 2.11 0.00	30.11 2.09 0.00	34.78 2.42 0.00	35.83 2.58 0.00	33.99 2.54 0.00	55.35 1.95 -29.67	37.38 3.17 0.00	40.54 3.54 -1.58	39.18 3.34 -0.40	36.33 2.68 0.00	32.17 1.94 0.00	29.55 1.88 0.00	25.58 1.64 0.00	26.98 1.65 0.00	31.84 1.70 0.00	38.84 1.81 0.00	50.93 1.76 0.00	55.69 1.76 0.00	49.71 1.63 0.00	44.52 1.82 0.00	44.86 1.95 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.30 1.68 0.00	35.26 1.69 0.00	30.60 1.43 0.00	29.61 1.32 0.00	29.35 1.32 0.00	33.88 1.51 0.00	34.98 1.73 0.00	33.13 1.67 0.00	-15.60 1.19 -40.51	36.10 1.89 0.00	37.42 2.00 0.00	37.38 1.92 0.00	35.42 1.77 0.00	31.77 1.54 0.00	29.07 1.40 0.00	25.16 1.22 0.00	26.65 1.32 0.00	31.48 1.34 0.00	38.41 1.38 0.00	50.55 1.38 0.00	55.49 1.55 0.00	49.55 1.47 0.00	44.27 1.57 0.00	44.36 1.45 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.64 2.02 0.00	35.51 1.95 0.00	30.81 1.63 0.00	29.81 1.52 0.00	29.55 1.52 0.00	34.13 1.77 0.00	35.25 2.00 0.00	33.44 1.99 0.00	55.07 1.50 -29.85	36.52 2.31 0.00	37.90 2.49 0.00	37.83 2.38 0.00	35.83 2.18 0.00	32.13 1.90 0.00	29.43 1.76 0.00	25.46 1.53 0.00	26.94 1.61 0.00	31.75 1.61 0.00	38.66 1.63 0.00	50.76 1.59 0.00	55.61 1.67 0.00	49.68 1.59 0.00	44.50 1.79 0.00	44.60 1.69 0.00
W50THST__13_KV_LOAD 356117	36.88 2.26 0.00	35.72 2.16 0.00	30.97 1.79 0.00	29.97 1.67 0.00	29.71 1.69 0.00	34.35 1.99 0.00	35.51 2.26 0.00	33.72 2.27 0.00	55.28 1.70 -29.85	36.82 2.60 0.00	38.22 2.80 0.00	38.16 2.71 0.00	36.14 2.49 0.00	32.42 2.19 0.00	29.69 2.02 0.00	25.69 1.75 0.00	27.17 1.84 0.00	31.98 1.85 0.00	38.92 1.89 0.00	51.02 1.86 0.00	55.88 1.94 0.00	49.92 1.84 0.00	44.76 2.05 0.00	44.85 1.94 0.00
WADING RIVER_IC_1 23522	36.74 2.12 0.00	35.67 2.11 0.00	30.94 1.76 0.00	29.86 1.57 0.00	29.58 1.55 0.00	34.16 1.79 0.00	35.17 1.92 0.00	33.39 1.93 0.00	54.92 1.52 -29.67	36.81 2.59 0.00	39.98 2.98 -1.58	38.64 2.79 -0.40	35.75 2.10 0.00	31.53 1.30 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	37.99 0.96 0.00	49.69 0.52 0.00	54.34 0.40 0.00	48.54 0.45 0.00	43.41 0.70 0.00	43.90 0.99 0.00
WADING RIVER_IC_2 23547	36.74 2.12 0.00	35.67 2.11 0.00	30.94 1.76 0.00	29.86 1.57 0.00	29.58 1.55 0.00	34.16 1.79 0.00	35.17 1.92 0.00	33.39 1.93 0.00	54.92 1.52 -29.67	36.81 2.59 0.00	39.98 2.98 -1.58	38.64 2.79 -0.40	35.75 2.10 0.00	31.53 1.30 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	37.99 0.96 0.00	49.69 0.52 0.00	54.34 0.40 0.00	48.54 0.45 0.00	43.41 0.70 0.00	43.90 0.99 0.00
WADING RIVER_IC_3 23601	36.74 2.12 0.00	35.67 2.11 0.00	30.94 1.76 0.00	29.86 1.57 0.00	29.58 1.55 0.00	34.16 1.79 0.00	35.17 1.92 0.00	33.39 1.93 0.00	54.92 1.52 -29.67	36.81 2.59 0.00	39.98 2.98 -1.58	38.64 2.79 -0.40	35.75 2.10 0.00	31.53 1.30 0.00	28.99 1.32 0.00	25.09 1.15 0.00	26.43 1.10 0.00	31.18 1.05 0.00	37.99 0.96 0.00	49.69 0.52 0.00	54.34 0.40 0.00	48.54 0.45 0.00	43.41 0.70 0.00	43.90 0.99 0.00
WALDENNY_12_KV_BK2 80841	33.84 -0.78 0.00	32.84 -0.72 0.00	28.59 -0.58 0.00	27.60 -0.70 0.00	27.21 -0.81 0.00	31.76 -0.60 0.00	32.31 -0.94 0.00	30.28 -1.17 0.00	22.90 -0.83 0.00	33.20 -1.01 0.00	34.70 -0.72 0.00	35.36 -0.09 0.00	33.66 0.01 0.00	30.33 0.10 0.00	27.62 -0.04 0.00	23.59 -0.35 0.00	24.77 -0.56 0.00	29.49 -0.64 0.00	36.37 -0.66 0.00	47.86 -1.31 0.00	52.40 -1.54 0.00	46.68 -1.40 0.00	41.50 -1.21 0.00	42.17 -0.74 0.00
WALDEN___HYDRO 24148	36.15 1.54 0.00	35.06 1.50 0.00	30.44 1.26 0.00	29.47 1.17 0.00	29.21 1.19 0.00	33.71 1.34 0.00	34.77 1.52 0.00	32.97 1.51 0.00	16.16 1.07 8.64	35.89 1.68 0.00	37.16 1.75 0.00	37.10 1.65 0.00	35.14 1.49 0.00	31.52 1.29 0.00	28.85 1.18 0.00	24.97 1.03 0.00	26.45 1.12 0.00	31.32 1.19 0.00	38.31 1.28 0.00	50.50 1.33 0.00	55.41 1.47 0.00	49.46 1.38 0.00	44.14 1.43 0.00	44.19 1.28 0.00
WARRENSBURG____ 23737	36.25 1.63 0.00	34.95 1.39 0.00	30.38 1.20 0.00	29.49 1.19 0.00	29.28 1.26 0.00	33.79 1.43 0.00	34.71 1.46 0.00	32.78 1.33 0.00	29.01 0.77 -4.51	35.13 0.92 0.00	35.99 0.58 0.00	35.91 0.46 0.00	33.92 0.27 0.00	30.40 0.17 0.00	27.91 0.23 0.00	24.26 0.33 0.00	25.81 0.48 0.00	30.99 0.86 0.00	38.43 1.40 0.00	51.05 1.88 0.00	56.12 2.18 0.00	50.02 1.94 0.00	44.32 1.61 0.00	44.50 1.59 0.00
WATERSIDE___6 8 9 23538	36.56 1.94 0.00	35.55 1.98 0.00	30.85 1.67 0.00	29.84 1.54 0.00	29.57 1.54 0.00	34.17 1.81 0.00	35.33 2.08 0.00	33.51 2.05 0.00	55.04 1.53 -29.78	36.56 2.35 0.00	37.98 2.57 0.00	37.92 2.47 0.00	35.89 2.24 0.00	32.18 1.95 0.00	29.53 1.85 0.00	25.56 1.63 0.00	27.05 1.72 0.00	31.76 1.63 0.00	38.68 1.65 0.00	50.80 1.63 0.00	55.64 1.70 0.00	49.82 1.74 0.00	44.69 1.98 0.00	44.77 1.86 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.85 0.23 0.00	33.74 0.17 0.00	29.29 0.11 0.00	28.44 0.15 0.00	28.24 0.21 0.00	32.62 0.25 0.00	33.50 0.25 0.00	31.64 0.19 0.00	23.67 -0.06 0.00	34.04 -0.17 0.00	35.10 -0.32 0.00	35.11 -0.34 0.00	33.27 -0.38 0.00	29.87 -0.36 0.00	27.38 -0.29 0.00	23.69 -0.25 0.00	25.11 -0.22 0.00	29.98 -0.16 0.00	37.00 -0.03 0.00	49.15 -0.01 0.00	53.97 0.04 0.00	48.12 0.04 0.00	42.79 0.09 0.00	42.83 -0.08 0.00

WDELAWARE___HYD 323627	35.37 0.75 0.00	34.29 0.72 0.00	29.73 0.55 0.00	28.79 0.49 0.00	28.52 0.49 0.00	32.93 0.56 0.00	33.96 0.71 0.00	32.22 0.76 0.00	17.32 0.59 7.00	35.21 1.00 0.00	36.48 1.06 0.00	36.40 0.95 0.00	34.38 0.72 0.00	30.12 -0.11 0.00	27.53 -0.14 0.00	23.84 -0.10 0.00	25.29 -0.05 0.00	30.04 -0.09 0.00	36.87 -0.16 0.00	48.74 -0.42 0.00	53.64 -0.30 0.00	48.85 0.77 0.00	43.50 0.80 0.00	43.51 0.60 0.00
WEST BABYLON___IC 23714	37.41 2.79 0.00	36.31 2.75 0.00	31.49 2.32 0.00	30.41 2.11 0.00	30.11 2.09 0.00	34.78 2.42 0.00	35.83 2.58 0.00	33.99 2.54 0.00	55.35 1.95 -29.67	37.38 3.17 0.00	40.54 3.54 -1.58	39.18 3.34 -0.40	36.33 2.68 0.00	32.17 1.94 0.00	29.55 1.88 0.00	25.58 1.64 0.00	26.98 1.65 0.00	31.84 1.70 0.00	38.84 1.81 0.00	50.93 1.76 0.00	55.69 1.76 0.00	49.71 1.63 0.00	44.52 1.82 0.00	44.86 1.95 0.00
WEST CANADA___HYD 24049	34.72 0.10 0.00	33.65 0.08 0.00	29.24 0.06 0.00	28.38 0.09 0.00	28.11 0.09 0.00	32.46 0.10 0.00	33.35 0.10 0.00	31.54 0.09 0.00	23.76 0.03 0.00	34.24 0.03 0.00	35.41 0.00 0.00	35.42 -0.04 0.00	33.62 -0.03 0.00	30.20 -0.03 0.00	27.64 -0.03 0.00	23.92 -0.01 0.00	25.33 0.00 0.00	30.14 0.00 0.00	37.03 0.00 0.00	49.12 -0.04 0.00	53.91 -0.03 0.00	48.08 0.00 0.00	42.71 0.00 0.00	42.88 -0.03 0.00
WESTERN_NY_WIND 24143	34.52 -0.10 0.00	33.50 -0.07 0.00	29.14 -0.04 0.00	28.11 -0.19 0.00	27.74 -0.29 0.00	32.38 0.01 0.00	32.97 -0.28 0.00	30.89 -0.57 0.00	23.21 -0.52 0.00	33.42 -0.79 0.00	34.96 -0.45 0.00	35.60 0.14 0.00	33.78 0.13 0.00	30.31 0.08 0.00	27.66 -0.01 0.00	23.66 -0.27 0.00	24.79 -0.55 0.00	29.58 -0.55 0.00	36.64 -0.39 0.00	48.59 -0.57 0.00	53.46 -0.48 0.00	47.64 -0.45 0.00	42.23 -0.48 0.00	42.84 -0.07 0.00
WESTOVER___LESR 323668	34.67 0.06 0.00	33.53 -0.03 0.00	29.10 -0.08 0.00	28.21 -0.08 0.00	27.94 -0.09 0.00	32.40 0.03 0.00	33.32 0.07 0.00	31.41 -0.04 0.00	23.60 -0.13 0.00	34.06 -0.15 0.00	35.33 -0.08 0.00	35.45 0.00 0.00	33.72 0.06 0.00	30.30 0.07 0.00	27.67 0.00 0.00	23.90 -0.04 0.00	25.35 0.02 0.00	30.14 0.01 0.00	37.13 0.09 -0.01	49.12 -0.05 0.00	53.77 -0.17 0.00	47.89 -0.20 0.00	42.69 -0.01 0.00	42.76 -0.15 0.00
WETHRSFD_WT_PWR 323626	33.44 -1.18 0.00	32.49 -1.07 0.00	28.35 -0.83 0.00	27.39 -0.91 0.00	27.07 -0.95 0.00	31.56 -0.80 0.00	32.19 -1.06 0.00	30.05 -1.40 0.00	22.56 -1.16 0.00	32.70 -1.51 0.00	34.06 -1.36 0.00	34.56 -0.89 0.00	33.04 -0.61 0.00	29.78 -0.45 0.00	27.14 -0.53 0.00	23.16 -0.77 0.00	24.40 -0.93 0.00	29.01 -1.12 0.00	35.96 -1.07 0.00	47.70 -1.47 0.00	52.47 -1.46 0.00	46.75 -1.33 0.00	41.66 -1.04 0.00	42.18 -0.74 0.00
WHAVSTOR_138KV_BK127 55557	36.12 1.51 0.00	35.09 1.52 0.00	30.47 1.29 0.00	29.49 1.19 0.00	29.22 1.19 0.00	33.73 1.36 0.00	34.82 1.57 0.00	32.97 1.51 0.00	-16.40 1.05 41.18	35.90 1.69 0.00	37.20 1.79 0.00	37.15 1.70 0.00	35.20 1.55 0.00	31.57 1.34 0.00	28.90 1.22 0.00	25.01 1.07 0.00	26.48 1.15 0.00	31.28 1.15 0.00	38.16 1.13 0.00	50.23 1.06 0.00	55.15 1.21 0.00	49.27 1.19 0.00	44.04 1.34 0.00	44.15 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.12 1.51 0.00	35.09 1.52 0.00	30.47 1.29 0.00	29.49 1.19 0.00	29.22 1.19 0.00	33.73 1.36 0.00	34.82 1.57 0.00	32.97 1.51 0.00	-16.40 1.05 41.18	35.90 1.69 0.00	37.20 1.79 0.00	37.15 1.70 0.00	35.20 1.55 0.00	31.57 1.34 0.00	28.90 1.22 0.00	25.01 1.07 0.00	26.48 1.15 0.00	31.28 1.15 0.00	38.16 1.13 0.00	50.23 1.06 0.00	55.15 1.21 0.00	49.27 1.19 0.00	44.04 1.34 0.00	44.15 1.24 0.00
WHITEHAL_115KV_TB1 80871	37.53 2.91 0.00	35.80 2.24 0.00	31.02 1.84 0.00	30.10 1.80 0.00	29.94 1.92 0.00	34.66 2.30 0.00	35.67 2.42 0.00	33.66 2.21 0.00	29.50 1.24 -4.53	35.59 1.38 0.00	36.50 1.09 0.00	36.43 0.97 0.00	34.36 0.71 0.00	30.84 0.61 0.00	28.41 0.74 0.00	24.83 0.89 0.00	26.49 1.16 0.00	32.01 1.88 0.00	39.24 2.21 0.00	52.35 3.19 0.00	57.29 3.35 0.00	51.19 3.10 0.00	45.27 2.56 0.00	45.49 2.58 0.00
WHITEPLN_13_KV_LOAD 356215	36.77 2.15 0.00	35.65 2.08 0.00	30.92 1.74 0.00	29.92 1.62 0.00	29.65 1.62 0.00	34.23 1.87 0.00	35.35 2.09 0.00	33.54 2.08 0.00	56.20 1.53 -30.94	36.59 2.38 0.00	37.94 2.53 0.00	37.89 2.43 0.00	35.88 2.23 0.00	32.18 1.95 0.00	29.48 1.81 0.00	25.51 1.57 0.00	27.01 1.67 0.00	31.89 1.75 0.00	38.87 1.84 0.00	51.12 1.96 0.00	56.04 2.10 0.00	50.02 1.94 0.00	44.69 1.98 0.00	44.77 1.86 0.00
WM_FLOYD_69_KV_BK2 356380	37.12 2.51 0.00	36.05 2.48 0.00	31.26 2.09 0.00	30.18 1.88 0.00	29.90 1.87 0.00	34.52 2.15 0.00	35.54 2.29 0.00	33.72 2.27 0.00	55.17 1.77 -29.67	37.16 2.95 0.00	40.33 3.34 -1.58	39.00 3.16 -0.40	36.11 2.46 0.00	31.83 1.61 0.00	29.27 1.60 0.00	25.33 1.39 0.00	26.66 1.32 0.00	31.45 1.32 0.00	38.34 1.30 0.00	50.14 0.98 0.00	54.82 0.89 0.00	48.95 0.87 0.00	43.80 1.09 0.00	44.29 1.37 0.00
WOODARD___115KV_TB2 355635	34.05 -0.57 0.00	32.97 -0.59 0.00	28.64 -0.54 0.00	27.77 -0.53 0.00	27.51 -0.52 0.00	31.82 -0.54 0.00	32.69 -0.56 0.00	30.89 -0.56 0.00	23.24 -0.49 0.00	33.52 -0.69 0.00	34.70 -0.71 0.00	34.79 -0.66 0.00	33.07 -0.59 0.00	29.72 -0.51 0.00	27.19 -0.48 0.00	23.53 -0.41 0.00	24.89 -0.44 0.00	29.63 -0.51 0.00	36.49 -0.56 -0.02	48.36 -0.81 0.00	52.99 -0.94 0.00	47.24 -0.84 0.00	41.95 -0.76 0.00	42.06 -0.85 0.00
WOODMERE_69_KV_BK1 55827	37.20 2.58 0.00	36.08 2.51 0.00	31.27 2.09 0.00	30.21 1.91 0.00	29.93 1.91 0.00	34.56 2.20 0.00	35.63 2.38 0.00	33.77 2.31 0.00	55.15 1.75 -29.67	36.98 2.76 0.00	40.04 3.05 -1.58	38.78 2.93 -0.40	36.10 2.45 0.00	32.14 1.91 0.00	29.55 1.88 0.00	25.60 1.66 0.00	27.01 1.68 0.00	31.92 1.79 0.00	38.93 1.90 0.00	51.14 1.97 0.00	56.00 2.06 0.00	49.91 1.83 0.00	44.61 1.91 0.00	44.86 1.95 0.00
YORK___WARBASSE 23770	36.68 2.06 0.00	35.69 2.12 0.00	30.97 1.80 0.00	29.94 1.64 0.00	29.64 1.62 0.00	34.24 1.87 0.00	35.40 2.15 0.00	33.55 2.10 0.00	55.07 1.57 -29.78	36.60 2.39 0.00	38.04 2.62 0.00	37.99 2.54 0.00	35.96 2.31 0.00	32.26 2.03 0.00	29.55 1.88 0.00	25.58 1.65 0.00	27.08 1.75 0.00	31.82 1.68 0.00	38.80 1.77 0.00	50.91 1.74 0.00	55.74 1.81 0.00	49.99 1.91 0.00	44.86 2.15 0.00	44.95 2.04 0.00